Appendix L

Data Usability Summary Reports (DUSRs) – Limited Soil Investigation

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

June 8, 2023

Mr. Nick Carlo
Project Manager
ECC Horizon
NY/NJ Metro Regional Office
One Emery Avenue, Unit 2
Randolph, New Jersey 07869

Re: Data Usability Summary Reports
Bridge Cleaners, NY
April 2022 Soil Sampling Event

Dear Mr. Carlo:

The data usability summary report (DUSR) and supporting documentation for April 2022 soil sampling event are attached to this letter for the Bridge Cleaners site. The data for Eurofins Environment Testing America-Edison job number 460-255692-1 are acceptable, with some minor issues that are identified in the DUSR and validation summary. There are no data that were rejected, unusable (R) in data pack.

A list of data validation acronyms and qualifiers is attached to assist you in interpreting the data validation reviews. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist ECC Horizon.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA/bms
Via email

z:\projects\2023\23600-23620\23607-bridge cleaners\task 1 dusr\temp-review\bridge cleaners-232.ltr.docx

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
Eurofins Environment Testing America-Edison
Job No: 460-255692-1

10 Soil Samples, 1 Field Duplicate,
1 Field Blank, and 1 Trip Blank
Collected April 5, 2023

Prepared by: Donald Anné
June 8, 2023

The data package contains the documentation as required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appears legible and complete. Data validation was performed on the results of volatile analyses for 10 soil samples, 1 field duplicate, 1 trip blank, and 1 field blank. The following are the samples that were validated and trip and field blanks:

SB-8 (8-8.5)	SB-14 (6-10)	SB-15 (3-5)	SB-15 (12-13)
DUP	SB-12 (7-8)	SB-12 (15-15.5)	SB-10 (7-7.5)
SB-10 (15-15.5)	SB-13 (7-7.5)	SB-16 (7-7.5)	

The overall performances of the analyses are acceptable. Eurofins Environment Testing America-Edison labs did fulfill the requirements of the analytical method.

The data are acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- Positive volatile results for acetone were qualified as "not detected" (U) for all 10 soil samples and the field duplicate because the levels reported in the samples were not significantly greater than (more than 10 times) the highest associated blank level.

All data are considered usable with estimated data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

z:\projects\2023\23600-23620\23607-bridge cleaners\task 1 dusr\temp-review\460-255692-1.dus.docx

Qualified Data Section

Client Sample ID: SB-8 (0-5)
Date Collected: 04/05/22 09:10
Date Received: 04/05/22 18:00

Sample was not validated.

Lab Sample ID: 460-255692-1
Matrix: Solid
Percent Solids: 94.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00031	U	0.0013	0.00031	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,1,2,2-Tetrachloroethane	0.00028	U	0.0013	0.00028	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00040	U *+	0.0013	0.00040	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,1,2-Trichloroethane	0.00024	U	0.0013	0.00024	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,1-Dichloroethane	0.00027	U	0.0013	0.00027	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,1-Dichloroethene	0.00030	U *+	0.0013	0.00030	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,2,3-Trichlorobenzene	0.00024	U	0.0013	0.00024	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,2,4-Trichlorobenzene	0.00048	U	0.0013	0.00048	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,2,4-Trimethylbenzene	0.00033	U	0.0013	0.00033	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,2-Dibromo-3-Chloropropane	0.00061	U	0.0013	0.00061	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,2-Dichlorobenzene	0.00048	U	0.0013	0.00048	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,2-Dichloroethane	0.00039	U	0.0013	0.00039	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,2-Dichloropropane	0.00056	U	0.0013	0.00056	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,3,5-Trimethylbenzene	0.00042	U	0.0013	0.00042	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,3-Dichlorobenzene	0.00048	U	0.0013	0.00048	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,4-Dichlorobenzene	0.00030	U	0.0013	0.00030	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
2-Butanone (MEK)	0.00049	U	0.0066	0.00049	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
2-Hexanone	0.0023	U	0.0066	0.0023	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
4-Methyl-2-pentanone (MIBK)	0.0021	U	0.0066	0.0021	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Acetone	**0.015**		0.0080	0.0076	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Benzene	0.00034	U	0.0013	0.00034	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Bromoform	0.00056	U	0.0013	0.00056	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Bromomethane	0.0013	U	0.0027	0.0013	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Carbon disulfide	0.00035	U	0.0013	0.00035	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Carbon tetrachloride	0.00051	U	0.0013	0.00051	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Chlorobenzene	0.00024	U	0.0013	0.00024	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Chlorobromomethane	0.00037	U	0.0013	0.00037	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Chlorodibromomethane	0.00026	U	0.0013	0.00026	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Chloroethane	0.00069	U	0.0013	0.00069	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Chloromethane	0.00058	U	0.0013	0.00058	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
cis-1,2-Dichloroethene	0.00048	U	0.0013	0.00048	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
cis-1,3-Dichloropropene	0.00036	U	0.0013	0.00036	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Cyclohexane	0.00029	U	0.0013	0.00029	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Dichlorobromomethane	0.00034	U	0.0013	0.00034	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Dichlorodifluoromethane	0.00045	U	0.0013	0.00045	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Ethylbenzene	0.00026	U	0.0013	0.00026	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Ethylene Dibromide	0.00024	U	0.0013	0.00024	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Isopropylbenzene	0.00038	U	0.0013	0.00038	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Methyl acetate	0.0057	U	0.0066	0.0057	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Methyl tert-butyl ether	0.00068	U	0.0013	0.00068	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Methylcyclohexane	0.00066	U	0.0013	0.00066	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Methylene Chloride	0.0015	U	0.0027	0.0015	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
m-Xylene & p-Xylene	0.00023	U	0.0013	0.00023	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
n-Butylbenzene	0.00039	U	0.0013	0.00039	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
N-Propylbenzene	0.00023	U	0.0013	0.00023	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
o-Xylene	0.00026	U	0.0013	0.00026	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
sec-Butylbenzene	0.00038	U	0.0013	0.00038	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Styrene	0.00037	U	0.0013	0.00037	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1

Client Sample ID: SB-8 (0-5)

Date Collected: 04/05/22 09:10
Date Received: 04/05/22 18:00

Sample was not validated.

Lab Sample ID: 460-255692-1

Matrix: Solid
Percent Solids: 94.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00037	U	0.0013	0.00037	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Tetrachloroethene	**0.012**		0.0013	0.00041	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Toluene	**0.0013**		0.0013	0.00031	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
trans-1,2-Dichloroethene	0.00033	U	0.0013	0.00033	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
trans-1,3-Dichloropropene	0.00035	U	0.0013	0.00035	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Trichloroethene	0.00043	U	0.0013	0.00043	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Trichlorofluoromethane	0.00054	U	0.0013	0.00054	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Vinyl chloride	0.00073	U	0.0013	0.00073	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Xylenes, Total	0.00085	U	0.0027	0.00085	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 11:45*	*04/08/22 19:23*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 145*	*04/06/22 11:45*	*04/08/22 19:23*	*1*
4-Bromofluorobenzene	*95*		*70 - 139*	*04/06/22 11:45*	*04/08/22 19:23*	*1*
Dibromofluoromethane (Surr)	*106*		*48 - 150*	*04/06/22 11:45*	*04/08/22 19:23*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*04/06/22 11:45*	*04/08/22 19:23*	*1*

Client Sample ID: SB-8 (8-8.5)

Date Collected: 04/05/22 09:20
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-2

Matrix: Solid
Percent Solids: 96.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00032	U	0.0014	0.00032	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,1,2,2-Tetrachloroethane	0.00030	U	0.0014	0.00030	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00042	U *+	0.0014	0.00042	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,1,2-Trichloroethane	0.00025	U	0.0014	0.00025	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,1-Dichloroethane	0.00029	U	0.0014	0.00029	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,1-Dichloroethene	0.00031	U *+	0.0014	0.00031	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,2,3-Trichlorobenzene	0.00025	U	0.0014	0.00025	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,2,4-Trichlorobenzene	0.00050	U	0.0014	0.00050	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,2,4-Trimethylbenzene	0.00034	U	0.0014	0.00034	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,2-Dibromo-3-Chloropropane	0.00064	U	0.0014	0.00064	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,2-Dichlorobenzene	0.00050	U	0.0014	0.00050	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,2-Dichloroethane	0.00041	U	0.0014	0.00041	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,2-Dichloropropane	0.00059	U	0.0014	0.00059	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,3,5-Trimethylbenzene	0.00043	U	0.0014	0.00043	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,3-Dichlorobenzene	0.00051	U	0.0014	0.00051	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,4-Dichlorobenzene	0.00031	U	0.0014	0.00031	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
2-Butanone (MEK)	0.00051	U	0.0069	0.00051	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
2-Hexanone	0.0024	U	0.0069	0.0024	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
4-Methyl-2-pentanone (MIBK)	0.0022	U	0.0069	0.0022	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Acetone	**0.0090**	**U**	0.0083	0.0079	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Benzene	0.00036	U	0.0014	0.00036	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Bromoform	0.00059	U	0.0014	0.00059	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Bromomethane	0.0014	U	0.0028	0.0014	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Carbon disulfide	0.00037	U	0.0014	0.00037	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Carbon tetrachloride	0.00054	U	0.0014	0.00054	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1

Client Sample ID: SB-8 (8-8.5)

Date Collected: 04/05/22 09:20
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-2

Matrix: Solid
Percent Solids: 96.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.00025	U	0.0014	0.00025	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Chlorobromomethane	0.00039	U	0.0014	0.00039	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Chlorodibromomethane	0.00027	U	0.0014	0.00027	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Chloroethane	0.00072	U	0.0014	0.00072	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Chloroform	0.0013	U	0.0014	0.0013	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Chloromethane	0.00060	U	0.0014	0.00060	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
cis-1,2-Dichloroethene	0.00050	U	0.0014	0.00050	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
cis-1,3-Dichloropropene	0.00038	U	0.0014	0.00038	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Cyclohexane	0.00031	U	0.0014	0.00031	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Dichlorobromomethane	0.00036	U	0.0014	0.00036	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Dichlorodifluoromethane	0.00047	U	0.0014	0.00047	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Ethylbenzene	0.00028	U	0.0014	0.00028	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Ethylene Dibromide	0.00025	U	0.0014	0.00025	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Isopropylbenzene	0.00039	U	0.0014	0.00039	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Methyl acetate	0.0060	U	0.0069	0.0060	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Methyl tert-butyl ether	0.00071	U	0.0014	0.00071	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Methylcyclohexane	0.00069	U	0.0014	0.00069	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Methylene Chloride	0.0016	U	0.0028	0.0016	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
m-Xylene & p-Xylene	0.00024	U	0.0014	0.00024	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
n-Butylbenzene	0.00041	U	0.0014	0.00041	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
N-Propylbenzene	0.00024	U	0.0014	0.00024	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
o-Xylene	0.00027	U	0.0014	0.00027	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
sec-Butylbenzene	0.00040	U	0.0014	0.00040	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Styrene	0.00038	U	0.0014	0.00038	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
tert-Butylbenzene	0.00038	U	0.0014	0.00038	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Tetrachloroethene	0.00042	U	0.0014	0.00042	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Toluene	0.00032	U	0.0014	0.00032	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
trans-1,2-Dichloroethene	0.00034	U	0.0014	0.00034	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
trans-1,3-Dichloropropene	0.00037	U	0.0014	0.00037	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Trichloroethene	0.00044	U	0.0014	0.00044	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Trichlorofluoromethane	0.00056	U	0.0014	0.00056	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Vinyl chloride	0.00076	U	0.0014	0.00076	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Xylenes, Total	0.00089	U	0.0028	0.00089	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 11:47*	*04/08/22 19:46*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 145*	*04/06/22 11:47*	*04/08/22 19:46*	*1*
4-Bromofluorobenzene	*92*		*70 - 139*	*04/06/22 11:47*	*04/08/22 19:46*	*1*
Dibromofluoromethane (Surr)	*102*		*48 - 150*	*04/06/22 11:47*	*04/08/22 19:46*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*04/06/22 11:47*	*04/08/22 19:46*	*1*

Client Sample ID: SB-11 (4-4.5)

Date Collected: 04/05/22 09:40
Date Received: 04/05/22 18:00

Sample was not validated.

Lab Sample ID: 460-255692-3

Matrix: Solid
Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00035	U	0.0015	0.00035	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1

Client Sample ID: SB-11 (4-4.5)

Date Collected: 04/05/22 09:40
Date Received: 04/05/22 18:00

Sample was not validated.

Lab Sample ID: 460-255692-3

Matrix: Solid
Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.00033	U	0.0015	0.00033	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00046	U *+	0.0015	0.00046	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,1,2-Trichloroethane	0.00027	U	0.0015	0.00027	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,1-Dichloroethane	0.00031	U	0.0015	0.00031	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,1-Dichloroethene	0.00034	U *+	0.0015	0.00034	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,2,3-Trichlorobenzene	0.00028	U	0.0015	0.00028	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,2,4-Trichlorobenzene	0.00054	U	0.0015	0.00054	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,2,4-Trimethylbenzene	0.00037	U	0.0015	0.00037	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,2-Dibromo-3-Chloropropane	0.00070	U	0.0015	0.00070	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,2-Dichlorobenzene	0.00055	U	0.0015	0.00055	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,2-Dichloroethane	0.00045	U	0.0015	0.00045	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,2-Dichloropropane	0.00064	U	0.0015	0.00064	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,3,5-Trimethylbenzene	0.00048	U	0.0015	0.00048	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,3-Dichlorobenzene	0.00056	U	0.0015	0.00056	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,4-Dichlorobenzene	0.00034	U	0.0015	0.00034	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
2-Butanone (MEK)	0.00056	U	0.0076	0.00056	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
2-Hexanone	0.0026	U	0.0076	0.0026	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
4-Methyl-2-pentanone (MIBK)	0.0024	U	0.0076	0.0024	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Acetone	**0.0088**	**J**	0.0091	0.0087	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Benzene	0.00039	U	0.0015	0.00039	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Bromoform	0.00065	U	0.0015	0.00065	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Bromomethane	0.0015	U	0.0030	0.0015	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Carbon disulfide	0.00040	U	0.0015	0.00040	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Carbon tetrachloride	0.00059	U	0.0015	0.00059	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Chlorobenzene	0.00027	U	0.0015	0.00027	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Chlorobromomethane	0.00043	U	0.0015	0.00043	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Chlorodibromomethane	0.00030	U	0.0015	0.00030	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Chloroethane	0.00079	U	0.0015	0.00079	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Chloroform	0.0015	U	0.0015	0.0015	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Chloromethane	0.00066	U	0.0015	0.00066	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
cis-1,2-Dichloroethene	0.00054	U	0.0015	0.00054	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
cis-1,3-Dichloropropene	0.00042	U	0.0015	0.00042	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Cyclohexane	0.00034	U	0.0015	0.00034	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Dichlorobromomethane	0.00039	U	0.0015	0.00039	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Dichlorodifluoromethane	0.00051	U	0.0015	0.00051	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Ethylbenzene	0.00030	U	0.0015	0.00030	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Ethylene Dibromide	0.00027	U	0.0015	0.00027	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Isopropylbenzene	0.00043	U	0.0015	0.00043	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Methyl acetate	0.0065	U	0.0076	0.0065	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Methyl tert-butyl ether	0.00078	U	0.0015	0.00078	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Methylcyclohexane	0.00076	U	0.0015	0.00076	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Methylene Chloride	0.0017	U	0.0030	0.0017	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
m-Xylene & p-Xylene	0.00026	U	0.0015	0.00026	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
n-Butylbenzene	0.00045	U	0.0015	0.00045	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
N-Propylbenzene	0.00027	U	0.0015	0.00027	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
o-Xylene	0.00030	U	0.0015	0.00030	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
sec-Butylbenzene	0.00044	U	0.0015	0.00044	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Styrene	0.00042	U	0.0015	0.00042	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
tert-Butylbenzene	0.00042	U	0.0015	0.00042	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1

Client Sample ID: SB-11 (4-4.5)

Date Collected: 04/05/22 09:40
Date Received: 04/05/22 18:00

Sample was not validated.

Lab Sample ID: 460-255692-3

Matrix: Solid
Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.00046	U	0.0015	0.00046	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Toluene	0.00036	U	0.0015	0.00036	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
trans-1,2-Dichloroethene	0.00037	U	0.0015	0.00037	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
trans-1,3-Dichloropropene	0.00040	U	0.0015	0.00040	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Trichloroethene	0.00049	U	0.0015	0.00049	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Trichlorofluoromethane	0.00062	U	0.0015	0.00062	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Vinyl chloride	0.00083	U	0.0015	0.00083	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Xylenes, Total	0.00098	U	0.0030	0.00098	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 11:48*	*04/08/22 20:09*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 145*	*04/06/22 11:48*	*04/08/22 20:09*	*1*
4-Bromofluorobenzene	*96*		*70 - 139*	*04/06/22 11:48*	*04/08/22 20:09*	*1*
Dibromofluoromethane (Surr)	*105*		*48 - 150*	*04/06/22 11:48*	*04/08/22 20:09*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*04/06/22 11:48*	*04/08/22 20:09*	*1*

Client Sample ID: SB-11 (9.5-10)

Date Collected: 04/05/22 09:45
Date Received: 04/05/22 18:00

Sample was not validated.

Lab Sample ID: 460-255692-4

Matrix: Solid
Percent Solids: 98.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00029	U	0.0013	0.00029	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,1,2,2-Tetrachloroethane	0.00027	U	0.0013	0.00027	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00038	U *+	0.0013	0.00038	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,1,2-Trichloroethane	0.00022	U	0.0013	0.00022	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,1-Dichloroethane	0.00026	U	0.0013	0.00026	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,1-Dichloroethene	0.00028	U *+	0.0013	0.00028	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,2,3-Trichlorobenzene	0.00023	U	0.0013	0.00023	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,2,4-Trichlorobenzene	0.00045	U	0.0013	0.00045	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,2,4-Trimethylbenzene	0.00031	U	0.0013	0.00031	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,2-Dibromo-3-Chloropropane	0.00058	U	0.0013	0.00058	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,2-Dichlorobenzene	0.00046	U	0.0013	0.00046	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,2-Dichloroethane	0.00037	U	0.0013	0.00037	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,2-Dichloropropane	0.00053	U	0.0013	0.00053	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,3,5-Trimethylbenzene	0.00040	U	0.0013	0.00040	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,3-Dichlorobenzene	0.00046	U	0.0013	0.00046	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,4-Dichlorobenzene	0.00028	U	0.0013	0.00028	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
2-Butanone (MEK)	0.00047	U	0.0063	0.00047	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
2-Hexanone	0.0022	U	0.0063	0.0022	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
4-Methyl-2-pentanone (MIBK)	0.0020	U	0.0063	0.0020	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Acetone	**0.018**		0.0076	0.0072	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Benzene	0.00033	U	0.0013	0.00033	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Bromoform	0.00054	U	0.0013	0.00054	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Bromomethane	0.0013	U	0.0025	0.0013	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Carbon disulfide	0.00034	U	0.0013	0.00034	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Carbon tetrachloride	0.00049	U	0.0013	0.00049	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Chlorobenzene	0.00022	U	0.0013	0.00022	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1

Client Sample ID: SB-11 (9.5-10)

Date Collected: 04/05/22 09:45
Date Received: 04/05/22 18:00

Sample was not validated.

Lab Sample ID: 460-255692-4

Matrix: Solid
Percent Solids: 98.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.00036	U	0.0013	0.00036	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Chlorodibromomethane	0.00025	U	0.0013	0.00025	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Chloroethane	0.00066	U	0.0013	0.00066	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Chloroform	0.0012	U	0.0013	0.0012	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Chloromethane	0.00055	U	0.0013	0.00055	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
cis-1,2-Dichloroethene	0.00045	U	0.0013	0.00045	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
cis-1,3-Dichloropropene	0.00035	U	0.0013	0.00035	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Cyclohexane	0.00028	U	0.0013	0.00028	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Dichlorobromomethane	0.00032	U	0.0013	0.00032	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Dichlorodifluoromethane	0.00043	U	0.0013	0.00043	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Ethylbenzene	0.00025	U	0.0013	0.00025	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Ethylene Dibromide	0.00023	U	0.0013	0.00023	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Isopropylbenzene	0.00036	U	0.0013	0.00036	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Methyl acetate	0.0054	U	0.0063	0.0054	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Methyl tert-butyl ether	0.00065	U	0.0013	0.00065	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Methylcyclohexane	0.00063	U	0.0013	0.00063	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Methylene Chloride	0.0014	U	0.0025	0.0014	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
m-Xylene & p-Xylene	0.00022	U	0.0013	0.00022	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
n-Butylbenzene	0.00037	U	0.0013	0.00037	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
N-Propylbenzene	0.00022	U	0.0013	0.00022	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
o-Xylene	0.00025	U	0.0013	0.00025	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
sec-Butylbenzene	0.00036	U	0.0013	0.00036	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Styrene	0.00035	U	0.0013	0.00035	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
tert-Butylbenzene	0.00035	U	0.0013	0.00035	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Tetrachloroethene	0.00039	U	0.0013	0.00039	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Toluene	0.00030	U	0.0013	0.00030	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
trans-1,2-Dichloroethene	0.00031	U	0.0013	0.00031	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
trans-1,3-Dichloropropene	0.00034	U	0.0013	0.00034	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Trichloroethene	0.00041	U	0.0013	0.00041	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Trichlorofluoromethane	0.00051	U	0.0013	0.00051	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Vinyl chloride	0.00069	U	0.0013	0.00069	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Xylenes, Total	0.00081	U	0.0025	0.00081	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 11:49*	*04/08/22 20:31*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 145*	*04/06/22 11:49*	*04/08/22 20:31*	*1*
4-Bromofluorobenzene	*94*		*70 - 139*	*04/06/22 11:49*	*04/08/22 20:31*	*1*
Dibromofluoromethane (Surr)	*105*		*48 - 150*	*04/06/22 11:49*	*04/08/22 20:31*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*04/06/22 11:49*	*04/08/22 20:31*	*1*

Client Sample ID: SB-14 (4-5)

Date Collected: 04/05/22 10:00
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-5

Matrix: Solid
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00024	U	0.0010	0.00024	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,1,2,2-Tetrachloroethane	0.00022	U	0.0010	0.00022	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1

Client Sample ID: SB-14 (4-5)

Date Collected: 04/05/22 10:00
Date Received: 04/05/22 18:00

Sample was not validated.

Lab Sample ID: 460-255692-5

Matrix: Solid
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00031	U *+	0.0010	0.00031	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,1,2-Trichloroethane	0.00019	U	0.0010	0.00019	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,1-Dichloroethene	0.00023	U *+	0.0010	0.00023	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,2,3-Trichlorobenzene	0.00019	U	0.0010	0.00019	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,2,4-Trichlorobenzene	0.00037	U	0.0010	0.00037	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,2,4-Trimethylbenzene	0.00026	U	0.0010	0.00026	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,2-Dibromo-3-Chloropropane	0.00048	U	0.0010	0.00048	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,2-Dichlorobenzene	0.00038	U	0.0010	0.00038	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,2-Dichloroethane	0.00031	U	0.0010	0.00031	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,2-Dichloropropane	0.00044	U	0.0010	0.00044	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,3,5-Trimethylbenzene	0.00033	U	0.0010	0.00033	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,3-Dichlorobenzene	0.00038	U	0.0010	0.00038	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
2-Butanone (MEK)	0.00038	U	0.0052	0.00038	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
2-Hexanone	0.0018	U	0.0052	0.0018	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0052	0.0016	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Acetone	**0.019**		0.0062	0.0060	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Benzene	0.00027	U	0.0010	0.00027	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Bromoform	0.00044	U	0.0010	0.00044	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Bromomethane	0.0010	U	0.0021	0.0010	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Carbon disulfide	0.00028	U	0.0010	0.00028	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Carbon tetrachloride	0.00040	U	0.0010	0.00040	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Chlorobromomethane	0.00029	U	0.0010	0.00029	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Chlorodibromomethane	0.00020	U	0.0010	0.00020	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Chloroethane	0.00054	U	0.0010	0.00054	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Chloromethane	0.00045	U	0.0010	0.00045	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
cis-1,2-Dichloroethene	0.00037	U	0.0010	0.00037	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
cis-1,3-Dichloropropene	0.00028	U	0.0010	0.00028	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Cyclohexane	0.00023	U	0.0010	0.00023	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Dichlorobromomethane	0.00027	U	0.0010	0.00027	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Dichlorodifluoromethane	0.00035	U	0.0010	0.00035	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Ethylbenzene	0.00021	U	0.0010	0.00021	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Ethylene Dibromide	0.00019	U	0.0010	0.00019	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Isopropylbenzene	0.00030	U	0.0010	0.00030	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Methyl acetate	0.0045	U	0.0052	0.0045	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Methyl tert-butyl ether	0.00053	U	0.0010	0.00053	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Methylcyclohexane	0.00052	U	0.0010	0.00052	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Methylene Chloride	0.0012	U	0.0021	0.0012	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
m-Xylene & p-Xylene	**0.00027**	**J**	0.0010	0.00018	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
n-Butylbenzene	0.00031	U	0.0010	0.00031	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
N-Propylbenzene	0.00018	U	0.0010	0.00018	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
o-Xylene	**0.00021**	**J**	0.0010	0.00020	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
sec-Butylbenzene	0.00030	U	0.0010	0.00030	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Styrene	0.00029	U	0.0010	0.00029	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
tert-Butylbenzene	0.00029	U	0.0010	0.00029	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Tetrachloroethene	**0.0016**		0.0010	0.00032	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1

Client Sample ID: SB-14 (4-5)

Date Collected: 04/05/22 10:00
Date Received: 04/05/22 18:00

Sample was not validated.

Lab Sample ID: 460-255692-5

Matrix: Solid
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	**0.00039**	**J**	0.0010	0.00024	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
trans-1,2-Dichloroethene	0.00026	U	0.0010	0.00026	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
trans-1,3-Dichloropropene	0.00028	U	0.0010	0.00028	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Trichloroethene	0.00033	U	0.0010	0.00033	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Trichlorofluoromethane	0.00042	U	0.0010	0.00042	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Vinyl chloride	0.00057	U	0.0010	0.00057	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Xylenes, Total	0.00067	U	0.0021	0.00067	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 11:51*	*04/08/22 20:53*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 145*	*04/06/22 11:51*	*04/08/22 20:53*	*1*
4-Bromofluorobenzene	*95*		*70 - 139*	*04/06/22 11:51*	*04/08/22 20:53*	*1*
Dibromofluoromethane (Surr)	*105*		*48 - 150*	*04/06/22 11:51*	*04/08/22 20:53*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*04/06/22 11:51*	*04/08/22 20:53*	*1*

Client Sample ID: SB-14 (6-10)

Date Collected: 04/05/22 10:10
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-6

Matrix: Solid
Percent Solids: 90.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00025	U	0.0011	0.00025	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,1,2,2-Tetrachloroethane	0.00023	U	0.0011	0.00023	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00032	U *+	0.0011	0.00032	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,1,2-Trichloroethane	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,1-Dichloroethane	0.00022	U	0.0011	0.00022	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,1-Dichloroethene	0.00024	U *+	0.0011	0.00024	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,2,3-Trichlorobenzene	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,2,4-Trichlorobenzene	0.00038	U	0.0011	0.00038	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,2,4-Trimethylbenzene	0.00026	U	0.0011	0.00026	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,2-Dibromo-3-Chloropropane	0.00049	U	0.0011	0.00049	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,2-Dichlorobenzene	0.00038	U	0.0011	0.00038	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,2-Dichloroethane	0.00031	U	0.0011	0.00031	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,2-Dichloropropane	0.00045	U	0.0011	0.00045	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,3,5-Trimethylbenzene	0.00033	U	0.0011	0.00033	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,3-Dichlorobenzene	0.00039	U	0.0011	0.00039	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,4-Dichlorobenzene	0.00024	U	0.0011	0.00024	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
2-Butanone (MEK)	0.00039	U	0.0053	0.00039	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
2-Hexanone	0.0018	U	0.0053	0.0018	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0053	0.0016	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Acetone	**0.032**	**U**	0.0064	0.0061	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Benzene	0.00027	U	0.0011	0.00027	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Bromoform	0.00045	U	0.0011	0.00045	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Bromomethane	0.0011	U	0.0021	0.0011	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Carbon disulfide	0.00028	U	0.0011	0.00028	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Carbon tetrachloride	0.00041	U	0.0011	0.00041	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Chlorobenzene	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Chlorobromomethane	0.00030	U	0.0011	0.00030	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1

Client Sample ID: SB-14 (6-10)
Lab Sample ID: 460-255692-6

Date Collected: 04/05/22 10:10
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 90.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	0.00021	U	0.0011	0.00021	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Chloroethane	0.00055	U	0.0011	0.00055	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Chloroform	0.0010	U	0.0011	0.0010	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Chloromethane	0.00046	U	0.0011	0.00046	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
cis-1,2-Dichloroethene	0.00038	U	0.0011	0.00038	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
cis-1,3-Dichloropropene	0.00029	U	0.0011	0.00029	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Cyclohexane	0.00023	U	0.0011	0.00023	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Dichlorobromomethane	0.00027	U	0.0011	0.00027	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Dichlorodifluoromethane	0.00036	U	0.0011	0.00036	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Ethylbenzene	0.00021	U	0.0011	0.00021	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Ethylene Dibromide	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Isopropylbenzene	0.00030	U	0.0011	0.00030	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Methyl acetate	0.0046	U	0.0053	0.0046	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Methyl tert-butyl ether	0.00054	U	0.0011	0.00054	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Methylcyclohexane	0.00053	U	0.0011	0.00053	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Methylene Chloride	0.0012	U	0.0021	0.0012	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
m-Xylene & p-Xylene	0.00018	U	0.0011	0.00018	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
n-Butylbenzene	0.00031	U	0.0011	0.00031	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
N-Propylbenzene	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
o-Xylene	0.00021	U	0.0011	0.00021	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
sec-Butylbenzene	0.00031	U	0.0011	0.00031	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Styrene	0.00029	U	0.0011	0.00029	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
tert-Butylbenzene	0.00029	U	0.0011	0.00029	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Tetrachloroethene	0.00032	U	0.0011	0.00032	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Toluene	0.00025	U	0.0011	0.00025	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
trans-1,2-Dichloroethene	0.00026	U	0.0011	0.00026	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
trans-1,3-Dichloropropene	0.00028	U	0.0011	0.00028	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Trichloroethene	0.00034	U	0.0011	0.00034	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Trichlorofluoromethane	0.00043	U	0.0011	0.00043	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Vinyl chloride	0.00058	U	0.0011	0.00058	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Xylenes, Total	0.00068	U	0.0021	0.00068	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 11:52*	*04/08/22 21:15*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 145*	*04/06/22 11:52*	*04/08/22 21:15*	*1*
4-Bromofluorobenzene	*97*		*70 - 139*	*04/06/22 11:52*	*04/08/22 21:15*	*1*
Dibromofluoromethane (Surr)	*105*		*48 - 150*	*04/06/22 11:52*	*04/08/22 21:15*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*04/06/22 11:52*	*04/08/22 21:15*	*1*

Client Sample ID: SB-15 (3-5)
Lab Sample ID: 460-255692-7

Date Collected: 04/05/22 10:45
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00022	U	0.00095	0.00022	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,1,2,2-Tetrachloroethane	0.00020	U	0.00095	0.00020	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00029	U *+	0.00095	0.00029	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1

Client Sample ID: SB-15 (3-5)
Date Collected: 04/05/22 10:45
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-7
Matrix: Solid
Percent Solids: 86.2

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

Analyte	Result	Qualifier		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.00017	U		0.00095	0.00017	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,1-Dichloroethane	0.00020	U		0.00095	0.00020	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,1-Dichloroethene	0.00021	U *+		0.00095	0.00021	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,2,3-Trichlorobenzene	0.00017	U		0.00095	0.00017	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,2,4-Trichlorobenzene	0.00034	U		0.00095	0.00034	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,2,4-Trimethylbenzene	0.00023	U		0.00095	0.00023	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,2-Dibromo-3-Chloropropane	0.00044	U		0.00095	0.00044	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,2-Dichlorobenzene	0.00034	U		0.00095	0.00034	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,2-Dichloroethane	0.00028	U		0.00095	0.00028	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,2-Dichloropropane	0.00040	U		0.00095	0.00040	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,3,5-Trimethylbenzene	0.00030	U		0.00095	0.00030	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,3-Dichlorobenzene	0.00035	U		0.00095	0.00035	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,4-Dichlorobenzene	0.00021	U		0.00095	0.00021	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
2-Butanone (MEK)	0.00035	U		0.0048	0.00035	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
2-Hexanone	0.0016	U		0.0048	0.0016	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
4-Methyl-2-pentanone (MIBK)	0.0015	U		0.0048	0.0015	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Acetone	**0.0083**		**U**	0.0057	0.0054	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Benzene	0.00025	U		0.00095	0.00025	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Bromoform	0.00040	U		0.00095	0.00040	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Bromomethane	0.00095	U		0.0019	0.00095	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Carbon disulfide	0.00025	U		0.00095	0.00025	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Carbon tetrachloride	0.00037	U		0.00095	0.00037	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Chlorobenzene	0.00017	U		0.00095	0.00017	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Chlorobromomethane	0.00027	U		0.00095	0.00027	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Chlorodibromomethane	0.00018	U		0.00095	0.00018	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Chloroethane	0.00050	U		0.00095	0.00050	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Chloroform	0.00092	U		0.00095	0.00092	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Chloromethane	0.00041	U		0.00095	0.00041	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
cis-1,2-Dichloroethene	0.00034	U		0.00095	0.00034	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
cis-1,3-Dichloropropene	0.00026	U		0.00095	0.00026	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Cyclohexane	0.00021	U		0.00095	0.00021	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Dichlorobromomethane	0.00024	U		0.00095	0.00024	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Dichlorodifluoromethane	0.00032	U		0.00095	0.00032	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Ethylbenzene	0.00019	U		0.00095	0.00019	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Ethylene Dibromide	0.00017	U		0.00095	0.00017	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Isopropylbenzene	0.00027	U		0.00095	0.00027	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Methyl acetate	0.0041	U		0.0048	0.0041	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Methyl tert-butyl ether	0.00049	U		0.00095	0.00049	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Methylcyclohexane	0.00048	U		0.00095	0.00048	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Methylene Chloride	0.0011	U		0.0019	0.0011	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
m-Xylene & p-Xylene	0.00017	U		0.00095	0.00017	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
n-Butylbenzene	0.00028	U		0.00095	0.00028	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
N-Propylbenzene	0.00017	U		0.00095	0.00017	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
o-Xylene	0.00018	U		0.00095	0.00018	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
sec-Butylbenzene	0.00027	U		0.00095	0.00027	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Styrene	0.00026	U		0.00095	0.00026	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
tert-Butylbenzene	0.00026	U		0.00095	0.00026	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Tetrachloroethene	**0.00065**	**J**		0.00095	0.00029	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Toluene	0.00022	U		0.00095	0.00022	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1

Client Sample ID: SB-15 (3-5)
Lab Sample ID: 460-255692-7

Date Collected: 04/05/22 10:45
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	0.00023	U	0.00095	0.00023	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
trans-1,3-Dichloropropene	0.00025	U	0.00095	0.00025	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Trichloroethene	0.00031	U	0.00095	0.00031	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Trichlorofluoromethane	0.00039	U	0.00095	0.00039	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Vinyl chloride	0.00052	U	0.00095	0.00052	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Xylenes, Total	0.00061	U	0.0019	0.00061	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 11:53*	*04/08/22 21:37*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 145*	*04/06/22 11:53*	*04/08/22 21:37*	*1*
4-Bromofluorobenzene	*93*		*70 - 139*	*04/06/22 11:53*	*04/08/22 21:37*	*1*
Dibromofluoromethane (Surr)	*109*		*48 - 150*	*04/06/22 11:53*	*04/08/22 21:37*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*04/06/22 11:53*	*04/08/22 21:37*	*1*

Client Sample ID: SB-15 (12-13)
Lab Sample ID: 460-255692-8

Date Collected: 04/05/22 11:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00043	U	0.0018	0.00043	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,1,2,2-Tetrachloroethane	0.00039	U	0.0018	0.00039	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00055	U *+	0.0018	0.00055	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,1,2-Trichloroethane	0.00033	U	0.0018	0.00033	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,1-Dichloroethane	0.00038	U	0.0018	0.00038	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,1-Dichloroethene	0.00041	U *+	0.0018	0.00041	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,2,3-Trichlorobenzene	0.00033	U	0.0018	0.00033	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,2,4-Trichlorobenzene	0.00066	U	0.0018	0.00066	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,2,4-Trimethylbenzene	0.00045	U	0.0018	0.00045	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,2-Dibromo-3-Chloropropane	0.00085	U	0.0018	0.00085	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,2-Dichlorobenzene	0.00066	U	0.0018	0.00066	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,2-Dichloroethane	0.00054	U	0.0018	0.00054	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,2-Dichloropropane	0.00078	U	0.0018	0.00078	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,3,5-Trimethylbenzene	0.00058	U	0.0018	0.00058	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,3-Dichlorobenzene	0.00067	U	0.0018	0.00067	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,4-Dichlorobenzene	0.00041	U	0.0018	0.00041	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
2-Butanone (MEK)	0.00068	U	0.0092	0.00068	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
2-Hexanone	0.0031	U	0.0092	0.0031	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
4-Methyl-2-pentanone (MIBK)	0.0029	U	0.0092	0.0029	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Acetone	**0.041**	**U**	0.011	0.011	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Benzene	0.00047	U	0.0018	0.00047	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Bromoform	0.00078	U	0.0018	0.00078	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Bromomethane	0.0018	U	0.0037	0.0018	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Carbon disulfide	0.00049	U	0.0018	0.00049	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Carbon tetrachloride	0.00071	U	0.0018	0.00071	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Chlorobenzene	0.00033	U	0.0018	0.00033	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Chlorobromomethane	0.00052	U	0.0018	0.00052	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Chlorodibromomethane	0.00036	U	0.0018	0.00036	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1

Client Sample ID: SB-15 (12-13)
Lab Sample ID: 460-255692-8

Date Collected: 04/05/22 11:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	0.00096	U	0.0018	0.00096	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Chloroform	0.0018	U	0.0018	0.0018	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Chloromethane	0.00080	U	0.0018	0.00080	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
cis-1,2-Dichloroethene	0.00066	U	0.0018	0.00066	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
cis-1,3-Dichloropropene	0.00050	U	0.0018	0.00050	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Cyclohexane	0.00041	U	0.0018	0.00041	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Dichlorobromomethane	0.00047	U	0.0018	0.00047	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Dichlorodifluoromethane	0.00062	U	0.0018	0.00062	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Ethylbenzene	0.00037	U	0.0018	0.00037	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Ethylene Dibromide	0.00033	U	0.0018	0.00033	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Isopropylbenzene	0.00052	U	0.0018	0.00052	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Methyl acetate	0.0079	U	0.0092	0.0079	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Methyl tert-butyl ether	0.00094	U	0.0018	0.00094	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Methylcyclohexane	0.00092	U	0.0018	0.00092	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Methylene Chloride	0.0021	U	0.0037	0.0021	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
m-Xylene & p-Xylene	0.00032	U	0.0018	0.00032	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
n-Butylbenzene	0.00054	U	0.0018	0.00054	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
N-Propylbenzene	0.00032	U	0.0018	0.00032	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
o-Xylene	0.00036	U	0.0018	0.00036	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
sec-Butylbenzene	0.00053	U	0.0018	0.00053	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Styrene	0.00051	U	0.0018	0.00051	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
tert-Butylbenzene	0.00051	U	0.0018	0.00051	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Tetrachloroethene	0.00056	U	0.0018	0.00056	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Toluene	0.00043	U	0.0018	0.00043	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
trans-1,2-Dichloroethene	0.00045	U	0.0018	0.00045	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
trans-1,3-Dichloropropene	0.00049	U	0.0018	0.00049	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Trichloroethene	0.00059	U	0.0018	0.00059	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Trichlorofluoromethane	0.00075	U	0.0018	0.00075	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Vinyl chloride	0.0010	U	0.0018	0.0010	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Xylenes, Total	0.0012	U	0.0037	0.0012	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 11:54*	*04/08/22 21:59*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 145*	*04/06/22 11:54*	*04/08/22 21:59*	*1*
4-Bromofluorobenzene	*90*		*70 - 139*	*04/06/22 11:54*	*04/08/22 21:59*	*1*
Dibromofluoromethane (Surr)	*105*		*48 - 150*	*04/06/22 11:54*	*04/08/22 21:59*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*04/06/22 11:54*	*04/08/22 21:59*	*1*

Client Sample ID: DUP
Lab Sample ID: 460-255692-9

Date Collected: 04/05/22 00:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00026	U	0.0011	0.00026	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,1,2,2-Tetrachloroethane	0.00024	U	0.0011	0.00024	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00033	U *+	0.0011	0.00033	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,1,2-Trichloroethane	0.00020	U	0.0011	0.00020	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1

Client Sample ID: DUP
Date Collected: 04/05/22 00:00
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-9
Matrix: Solid
Percent Solids: 85.3

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

Analyte	Result	Qualifier		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.00023	U		0.0011	0.00023	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,1-Dichloroethene	0.00025	U *+		0.0011	0.00025	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,2,3-Trichlorobenzene	0.00020	U		0.0011	0.00020	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,2,4-Trichlorobenzene	0.00039	U		0.0011	0.00039	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,2,4-Trimethylbenzene	0.00027	U		0.0011	0.00027	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,2-Dibromo-3-Chloropropane	0.00051	U		0.0011	0.00051	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,2-Dichlorobenzene	0.00040	U		0.0011	0.00040	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,2-Dichloroethane	0.00033	U		0.0011	0.00033	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,2-Dichloropropane	0.00047	U		0.0011	0.00047	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,3,5-Trimethylbenzene	0.00035	U		0.0011	0.00035	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,3-Dichlorobenzene	0.00040	U		0.0011	0.00040	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,4-Dichlorobenzene	0.00025	U		0.0011	0.00025	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
2-Butanone (MEK)	0.00041	U		0.0055	0.00041	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
2-Hexanone	0.0019	U		0.0055	0.0019	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
4-Methyl-2-pentanone (MIBK)	0.0017	U		0.0055	0.0017	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Acetone	**0.0078**		**U**	0.0066	0.0063	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Benzene	0.00028	U		0.0011	0.00028	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Bromoform	0.00047	U		0.0011	0.00047	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Bromomethane	0.0011	U		0.0022	0.0011	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Carbon disulfide	0.00029	U		0.0011	0.00029	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Carbon tetrachloride	0.00043	U		0.0011	0.00043	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Chlorobenzene	0.00020	U		0.0011	0.00020	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Chlorobromomethane	0.00031	U		0.0011	0.00031	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Chlorodibromomethane	0.00021	U		0.0011	0.00021	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Chloroethane	0.00058	U		0.0011	0.00058	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Chloroform	0.0011	U		0.0011	0.0011	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Chloromethane	0.00048	U		0.0011	0.00048	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
cis-1,2-Dichloroethene	0.00039	U		0.0011	0.00039	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
cis-1,3-Dichloropropene	0.00030	U		0.0011	0.00030	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Cyclohexane	0.00024	U		0.0011	0.00024	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Dichlorobromomethane	0.00028	U		0.0011	0.00028	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Dichlorodifluoromethane	0.00037	U		0.0011	0.00037	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Ethylbenzene	0.00022	U		0.0011	0.00022	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Ethylene Dibromide	0.00020	U		0.0011	0.00020	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Isopropylbenzene	0.00031	U		0.0011	0.00031	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Methyl acetate	0.0047	U		0.0055	0.0047	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Methyl tert-butyl ether	0.00056	U		0.0011	0.00056	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Methylcyclohexane	0.00055	U		0.0011	0.00055	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Methylene Chloride	0.0013	U		0.0022	0.0013	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
m-Xylene & p-Xylene	0.00019	U		0.0011	0.00019	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
n-Butylbenzene	0.00032	U		0.0011	0.00032	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
N-Propylbenzene	0.00019	U		0.0011	0.00019	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
o-Xylene	0.00021	U		0.0011	0.00021	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
sec-Butylbenzene	0.00032	U		0.0011	0.00032	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Styrene	0.00031	U		0.0011	0.00031	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
tert-Butylbenzene	0.00030	U		0.0011	0.00030	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Tetrachloroethene	**0.0048**			0.0011	0.00034	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Toluene	0.00026	U		0.0011	0.00026	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
trans-1,2-Dichloroethene	0.00027	U		0.0011	0.00027	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1

Client Sample ID: DUP
Lab Sample ID: 460-255692-9
Date Collected: 04/05/22 00:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.00029	U	0.0011	0.00029	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Trichloroethene	0.00035	U	0.0011	0.00035	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Trichlorofluoromethane	0.00045	U	0.0011	0.00045	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Vinyl chloride	0.00060	U	0.0011	0.00060	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Xylenes, Total	0.00071	U	0.0022	0.00071	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 11:56*	*04/08/22 22:22*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 145*	*04/06/22 11:56*	*04/08/22 22:22*	*1*
4-Bromofluorobenzene	*99*		*70 - 139*	*04/06/22 11:56*	*04/08/22 22:22*	*1*
Dibromofluoromethane (Surr)	*107*		*48 - 150*	*04/06/22 11:56*	*04/08/22 22:22*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*	*04/06/22 11:56*	*04/08/22 22:22*	*1*

Client Sample ID: SB-9 (4-5)
Lab Sample ID: 460-255692-10
Date Collected: 04/05/22 11:15
Sample was not validated.
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 99.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00031	U	0.0013	0.00031	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,1,2,2-Tetrachloroethane	0.00029	U	0.0013	0.00029	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00040	U *+	0.0013	0.00040	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,1,2-Trichloroethane	0.00024	U	0.0013	0.00024	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,1-Dichloroethane	0.00028	U	0.0013	0.00028	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,1-Dichloroethene	0.00030	U *+	0.0013	0.00030	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,2,3-Trichlorobenzene	0.00024	U	0.0013	0.00024	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,2,4-Trichlorobenzene	0.00048	U	0.0013	0.00048	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,2,4-Trimethylbenzene	0.00033	U	0.0013	0.00033	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,2-Dibromo-3-Chloropropane	0.00062	U	0.0013	0.00062	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,2-Dichlorobenzene	0.00048	U	0.0013	0.00048	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,2-Dichloroethane	0.00040	U	0.0013	0.00040	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,2-Dichloropropane	0.00057	U	0.0013	0.00057	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,3,5-Trimethylbenzene	0.00042	U	0.0013	0.00042	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,3-Dichlorobenzene	0.00049	U	0.0013	0.00049	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,4-Dichlorobenzene	0.00030	U	0.0013	0.00030	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
2-Butanone (MEK)	0.00049	U	0.0067	0.00049	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
2-Hexanone	0.0023	U	0.0067	0.0023	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
4-Methyl-2-pentanone (MIBK)	0.0021	U	0.0067	0.0021	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Acetone	**0.030**		0.0081	0.0077	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Benzene	0.00035	U	0.0013	0.00035	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Bromoform	0.00057	U	0.0013	0.00057	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Bromomethane	0.0013	U	0.0027	0.0013	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Carbon disulfide	0.00036	U	0.0013	0.00036	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Carbon tetrachloride	0.00052	U	0.0013	0.00052	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Chlorobenzene	0.00024	U	0.0013	0.00024	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Chlorobromomethane	0.00038	U	0.0013	0.00038	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Chlorodibromomethane	0.00026	U	0.0013	0.00026	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Chloroethane	0.00070	U	0.0013	0.00070	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1

Client Sample ID: SB-9 (4-5)

Date Collected: 04/05/22 11:15
Date Received: 04/05/22 18:00

Sample was not validated.

Lab Sample ID: 460-255692-10

Matrix: Solid
Percent Solids: 99.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Chloromethane	0.00058	U	0.0013	0.00058	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
cis-1,2-Dichloroethene	0.00048	U	0.0013	0.00048	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
cis-1,3-Dichloropropene	0.00037	U	0.0013	0.00037	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Cyclohexane	0.00030	U	0.0013	0.00030	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Dichlorobromomethane	0.00035	U	0.0013	0.00035	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Dichlorodifluoromethane	0.00045	U	0.0013	0.00045	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Ethylbenzene	0.00027	U	0.0013	0.00027	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Ethylene Dibromide	0.00024	U	0.0013	0.00024	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Isopropylbenzene	0.00038	U	0.0013	0.00038	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Methyl acetate	0.0058	U	0.0067	0.0058	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Methyl tert-butyl ether	0.00069	U	0.0013	0.00069	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Methylcyclohexane	0.00067	U	0.0013	0.00067	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Methylene Chloride	0.0015	U	0.0027	0.0015	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
m-Xylene & p-Xylene	0.00023	U	0.0013	0.00023	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
n-Butylbenzene	0.00039	U	0.0013	0.00039	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
N-Propylbenzene	0.00024	U	0.0013	0.00024	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
o-Xylene	0.00026	U	0.0013	0.00026	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
sec-Butylbenzene	0.00039	U	0.0013	0.00039	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Styrene	0.00037	U	0.0013	0.00037	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
tert-Butylbenzene	0.00037	U	0.0013	0.00037	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Tetrachloroethene	0.00041	U	0.0013	0.00041	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Toluene	0.00031	U	0.0013	0.00031	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
trans-1,2-Dichloroethene	0.00033	U	0.0013	0.00033	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
trans-1,3-Dichloropropene	0.00036	U	0.0013	0.00036	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Trichloroethene	0.00043	U	0.0013	0.00043	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Trichlorofluoromethane	0.00055	U	0.0013	0.00055	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Vinyl chloride	0.00073	U	0.0013	0.00073	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Xylenes, Total	0.00086	U	0.0027	0.00086	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 11:57*	*04/08/22 22:45*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 145*	*04/06/22 11:57*	*04/08/22 22:45*	*1*
4-Bromofluorobenzene	*100*		*70 - 139*	*04/06/22 11:57*	*04/08/22 22:45*	*1*
Dibromofluoromethane (Surr)	*108*		*48 - 150*	*04/06/22 11:57*	*04/08/22 22:45*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*04/06/22 11:57*	*04/08/22 22:45*	*1*

Client Sample ID: SB-9 (7-7.5)

Date Collected: 04/05/22 11:20
Date Received: 04/05/22 18:00

Sample was not validated.

Lab Sample ID: 460-255692-11

Matrix: Solid
Percent Solids: 97.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00030	U	0.0013	0.00030	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,1,2,2-Tetrachloroethane	0.00027	U	0.0013	0.00027	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00039	U *+	0.0013	0.00039	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,1,2-Trichloroethane	0.00023	U	0.0013	0.00023	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,1-Dichloroethane	0.00026	U	0.0013	0.00026	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1

Client Sample ID: SB-9 (7-7.5)

Date Collected: 04/05/22 11:20
Date Received: 04/05/22 18:00

Sample was not validated.

Lab Sample ID: 460-255692-11

Matrix: Solid
Percent Solids: 97.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.00029	U *+	0.0013	0.00029	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,2,3-Trichlorobenzene	0.00023	U	0.0013	0.00023	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,2,4-Trichlorobenzene	0.00046	U	0.0013	0.00046	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,2,4-Trimethylbenzene	0.00032	U	0.0013	0.00032	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,2-Dibromo-3-Chloropropane	0.00059	U	0.0013	0.00059	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,2-Dichlorobenzene	0.00046	U	0.0013	0.00046	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,2-Dichloroethane	0.00038	U	0.0013	0.00038	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,2-Dichloropropane	0.00054	U	0.0013	0.00054	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,3,5-Trimethylbenzene	0.00040	U	0.0013	0.00040	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,3-Dichlorobenzene	0.00047	U	0.0013	0.00047	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,4-Dichlorobenzene	0.00029	U	0.0013	0.00029	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
2-Butanone (MEK)	0.00047	U	0.0064	0.00047	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
2-Hexanone	0.0022	U	0.0064	0.0022	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
4-Methyl-2-pentanone (MIBK)	0.0020	U	0.0064	0.0020	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Acetone	**0.033**		0.0077	0.0073	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Benzene	0.00033	U	0.0013	0.00033	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Bromoform	0.00055	U	0.0013	0.00055	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Bromomethane	0.0013	U	0.0026	0.0013	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Carbon disulfide	0.00034	U	0.0013	0.00034	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Carbon tetrachloride	0.00050	U	0.0013	0.00050	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Chlorobenzene	0.00023	U	0.0013	0.00023	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Chlorobromomethane	0.00036	U	0.0013	0.00036	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Chlorodibromomethane	0.00025	U	0.0013	0.00025	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Chloroethane	0.00067	U	0.0013	0.00067	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Chloroform	0.0012	U	0.0013	0.0012	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Chloromethane	0.00056	U	0.0013	0.00056	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
cis-1,2-Dichloroethene	0.00046	U	0.0013	0.00046	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
cis-1,3-Dichloropropene	0.00035	U	0.0013	0.00035	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Cyclohexane	0.00028	U	0.0013	0.00028	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Dichlorobromomethane	0.00033	U	0.0013	0.00033	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Dichlorodifluoromethane	0.00043	U	0.0013	0.00043	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Ethylbenzene	0.00026	U	0.0013	0.00026	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Ethylene Dibromide	0.00023	U	0.0013	0.00023	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Isopropylbenzene	0.00037	U	0.0013	0.00037	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Methyl acetate	0.0055	U	0.0064	0.0055	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Methyl tert-butyl ether	0.00066	U	0.0013	0.00066	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Methylcyclohexane	0.00064	U	0.0013	0.00064	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Methylene Chloride	0.0015	U	0.0026	0.0015	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
m-Xylene & p-Xylene	0.00022	U	0.0013	0.00022	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
n-Butylbenzene	0.00038	U	0.0013	0.00038	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
N-Propylbenzene	0.00022	U	0.0013	0.00022	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
o-Xylene	0.00025	U	0.0013	0.00025	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
sec-Butylbenzene	0.00037	U	0.0013	0.00037	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Styrene	0.00036	U	0.0013	0.00036	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
tert-Butylbenzene	0.00035	U	0.0013	0.00035	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Tetrachloroethene	0.00039	U	0.0013	0.00039	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Toluene	0.00030	U	0.0013	0.00030	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
trans-1,2-Dichloroethene	0.00032	U	0.0013	0.00032	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
trans-1,3-Dichloropropene	0.00034	U	0.0013	0.00034	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1

Client Sample ID: SB-9 (7-7.5)

Lab Sample ID: 460-255692-11

Date Collected: 04/05/22 11:20

Sample was not validated.

Matrix: Solid

Date Received: 04/05/22 18:00

Percent Solids: 97.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.00041	U	0.0013	0.00041	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Trichlorofluoromethane	0.00052	U	0.0013	0.00052	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Vinyl chloride	0.00070	U	0.0013	0.00070	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Xylenes, Total	0.00082	U	0.0026	0.00082	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 11:58*	*04/08/22 23:06*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 145*	*04/06/22 11:58*	*04/08/22 23:06*	*1*
4-Bromofluorobenzene	*94*		*70 - 139*	*04/06/22 11:58*	*04/08/22 23:06*	*1*
Dibromofluoromethane (Surr)	*106*		*48 - 150*	*04/06/22 11:58*	*04/08/22 23:06*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*04/06/22 11:58*	*04/08/22 23:06*	*1*

Client Sample ID: SB-12 (0-5)

Lab Sample ID: 460-255692-12

Date Collected: 04/05/22 12:00

Sample was not validated.

Matrix: Solid

Date Received: 04/05/22 18:00

Percent Solids: 90.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00036	U	0.0015	0.00036	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,1,2,2-Tetrachloroethane	0.00033	U	0.0015	0.00033	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00046	U *+	0.0015	0.00046	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,1,2-Trichloroethane	0.00027	U	0.0015	0.00027	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,1-Dichloroethane	0.00032	U	0.0015	0.00032	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,1-Dichloroethene	0.00035	U *+	0.0015	0.00035	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,2,3-Trichlorobenzene	0.00028	U	0.0015	0.00028	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,2,4-Trichlorobenzene	0.00055	U	0.0015	0.00055	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,2,4-Trimethylbenzene	0.00038	U	0.0015	0.00038	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,2-Dibromo-3-Chloropropane	0.00071	U	0.0015	0.00071	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,2-Dichlorobenzene	0.00056	U	0.0015	0.00056	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,2-Dichloroethane	0.00046	U	0.0015	0.00046	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,2-Dichloropropane	0.00065	U	0.0015	0.00065	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,3,5-Trimethylbenzene	0.00048	U	0.0015	0.00048	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,3-Dichlorobenzene	0.00056	U	0.0015	0.00056	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,4-Dichlorobenzene	0.00035	U	0.0015	0.00035	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
2-Butanone (MEK)	0.00057	U	0.0077	0.00057	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
2-Hexanone	0.0026	U	0.0077	0.0026	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
4-Methyl-2-pentanone (MIBK)	0.0024	U	0.0077	0.0024	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Acetone	**0.012**		0.0092	0.0088	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Benzene	0.00040	U	0.0015	0.00040	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Bromoform	0.00065	U	0.0015	0.00065	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Bromomethane	0.0015	U	0.0031	0.0015	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Carbon disulfide	0.00041	U	0.0015	0.00041	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Carbon tetrachloride	0.00060	U	0.0015	0.00060	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Chlorobenzene	0.00027	U	0.0015	0.00027	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Chlorobromomethane	0.00043	U	0.0015	0.00043	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Chlorodibromomethane	0.00030	U	0.0015	0.00030	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Chloroethane	0.00080	U	0.0015	0.00080	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Chloroform	0.0015	U	0.0015	0.0015	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1

Client Sample ID: SB-12 (0-5)

Date Collected: 04/05/22 12:00
Date Received: 04/05/22 18:00

Sample was not validated.

Lab Sample ID: 460-255692-12

Matrix: Solid
Percent Solids: 90.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00067	U	0.0015	0.00067	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
cis-1,2-Dichloroethene	0.00055	U	0.0015	0.00055	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
cis-1,3-Dichloropropene	0.00042	U	0.0015	0.00042	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Cyclohexane	0.00034	U	0.0015	0.00034	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Dichlorobromomethane	0.00040	U	0.0015	0.00040	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Dichlorodifluoromethane	0.00052	U	0.0015	0.00052	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Ethylbenzene	0.00031	U	0.0015	0.00031	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Ethylene Dibromide	0.00028	U	0.0015	0.00028	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Isopropylbenzene	0.00044	U	0.0015	0.00044	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Methyl acetate	0.0066	U	0.0077	0.0066	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Methyl tert-butyl ether	0.00079	U	0.0015	0.00079	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Methylcyclohexane	0.00077	U	0.0015	0.00077	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Methylene Chloride	0.0018	U	0.0031	0.0018	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
m-Xylene & p-Xylene	**0.00028**	**J**	0.0015	0.00027	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
n-Butylbenzene	0.00045	U	0.0015	0.00045	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
N-Propylbenzene	0.00027	U	0.0015	0.00027	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
o-Xylene	**0.00034**	**J**	0.0015	0.00030	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
sec-Butylbenzene	0.00044	U	0.0015	0.00044	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Styrene	0.00043	U	0.0015	0.00043	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
tert-Butylbenzene	0.00042	U	0.0015	0.00042	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Tetrachloroethene	**0.016**		0.0015	0.00047	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Toluene	0.00036	U	0.0015	0.00036	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
trans-1,2-Dichloroethene	0.00038	U	0.0015	0.00038	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
trans-1,3-Dichloropropene	0.00041	U	0.0015	0.00041	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Trichloroethene	0.00049	U	0.0015	0.00049	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Trichlorofluoromethane	0.00062	U	0.0015	0.00062	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Vinyl chloride	0.00084	U	0.0015	0.00084	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Xylenes, Total	0.00099	U	0.0031	0.00099	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 12:00*	*04/08/22 23:28*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 145*	*04/06/22 12:00*	*04/08/22 23:28*	*1*
4-Bromofluorobenzene	*100*		*70 - 139*	*04/06/22 12:00*	*04/08/22 23:28*	*1*
Dibromofluoromethane (Surr)	*111*		*48 - 150*	*04/06/22 12:00*	*04/08/22 23:28*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*04/06/22 12:00*	*04/08/22 23:28*	*1*

Client Sample ID: SB-12 (7-8)

Date Collected: 04/05/22 11:50
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-13

Matrix: Solid
Percent Solids: 84.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00023	U	0.00099	0.00023	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.00099	0.00021	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U *+	0.00099	0.00030	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,1,2-Trichloroethane	0.00018	U	0.00099	0.00018	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,1-Dichloroethane	0.00020	U	0.00099	0.00020	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,1-Dichloroethene	0.00022	U *+	0.00099	0.00022	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1

Client Sample ID: SB-12 (7-8)
Lab Sample ID: 460-255692-13

Date Collected: 04/05/22 11:50
Matrix: Solid

Date Received: 04/05/22 18:00
Percent Solids: 84.9

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

Analyte	Result	Qualifier		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	0.00018	U		0.00099	0.00018	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,2,4-Trichlorobenzene	0.00035	U		0.00099	0.00035	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,2,4-Trimethylbenzene	0.00024	U		0.00099	0.00024	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,2-Dibromo-3-Chloropropane	0.00046	U		0.00099	0.00046	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,2-Dichlorobenzene	0.00036	U		0.00099	0.00036	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,2-Dichloroethane	0.00029	U		0.00099	0.00029	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,2-Dichloropropane	0.00042	U		0.00099	0.00042	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,3,5-Trimethylbenzene	0.00031	U		0.00099	0.00031	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,3-Dichlorobenzene	0.00036	U		0.00099	0.00036	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,4-Dichlorobenzene	0.00022	U		0.00099	0.00022	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
2-Butanone (MEK)	0.00036	U		0.0049	0.00036	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
2-Hexanone	0.0017	U		0.0049	0.0017	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
4-Methyl-2-pentanone (MIBK)	0.0015	U		0.0049	0.0015	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Acetone	**0.015**		**U**	0.0059	0.0057	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Benzene	0.00026	U		0.00099	0.00026	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Bromoform	0.00042	U		0.00099	0.00042	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Bromomethane	0.00099	U		0.0020	0.00099	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Carbon disulfide	0.00026	U		0.00099	0.00026	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Carbon tetrachloride	0.00038	U		0.00099	0.00038	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Chlorobenzene	0.00018	U		0.00099	0.00018	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Chlorobromomethane	0.00028	U		0.00099	0.00028	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Chlorodibromomethane	0.00019	U		0.00099	0.00019	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Chloroethane	0.00052	U		0.00099	0.00052	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Chloroform	0.00096	U		0.00099	0.00096	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Chloromethane	0.00043	U		0.00099	0.00043	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
cis-1,2-Dichloroethene	0.00035	U		0.00099	0.00035	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
cis-1,3-Dichloropropene	0.00027	U		0.00099	0.00027	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Cyclohexane	0.00022	U		0.00099	0.00022	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Dichlorobromomethane	0.00025	U		0.00099	0.00025	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Dichlorodifluoromethane	0.00033	U		0.00099	0.00033	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Ethylbenzene	0.00020	U		0.00099	0.00020	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Ethylene Dibromide	0.00018	U		0.00099	0.00018	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Isopropylbenzene	0.00028	U		0.00099	0.00028	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Methyl acetate	0.0043	U		0.0049	0.0043	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Methyl tert-butyl ether	0.00051	U		0.00099	0.00051	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Methylcyclohexane	0.00049	U		0.00099	0.00049	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Methylene Chloride	0.0011	U		0.0020	0.0011	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
m-Xylene & p-Xylene	0.00017	U		0.00099	0.00017	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
n-Butylbenzene	0.00029	U		0.00099	0.00029	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
N-Propylbenzene	0.00017	U		0.00099	0.00017	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
o-Xylene	0.00019	U		0.00099	0.00019	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
sec-Butylbenzene	0.00029	U		0.00099	0.00029	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Styrene	0.00028	U		0.00099	0.00028	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
tert-Butylbenzene	0.00027	U		0.00099	0.00027	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Tetrachloroethene	**0.00077**	**J**		0.00099	0.00030	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Toluene	0.00023	U		0.00099	0.00023	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
trans-1,2-Dichloroethene	0.00024	U		0.00099	0.00024	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
trans-1,3-Dichloropropene	0.00026	U		0.00099	0.00026	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Trichloroethene	0.00032	U		0.00099	0.00032	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1

Client Sample ID: SB-12 (7-8)
Lab Sample ID: 460-255692-13
Date Collected: 04/05/22 11:50
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 84.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.00040	U	0.00099	0.00040	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Vinyl chloride	0.00054	U	0.00099	0.00054	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Xylenes, Total	0.00064	U	0.0020	0.00064	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 12:01*	*04/08/22 23:51*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 145*	*04/06/22 12:01*	*04/08/22 23:51*	*1*
4-Bromofluorobenzene	*95*		*70 - 139*	*04/06/22 12:01*	*04/08/22 23:51*	*1*
Dibromofluoromethane (Surr)	*108*		*48 - 150*	*04/06/22 12:01*	*04/08/22 23:51*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*04/06/22 12:01*	*04/08/22 23:51*	*1*

Client Sample ID: SB-12 (15-15.5)
Lab Sample ID: 460-255692-14
Date Collected: 04/05/22 12:05
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 84.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00026	U	0.0011	0.00026	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,1,2,2-Tetrachloroethane	0.00024	U	0.0011	0.00024	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00033	U *+	0.0011	0.00033	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,1,2-Trichloroethane	0.00020	U	0.0011	0.00020	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,1-Dichloroethane	0.00023	U	0.0011	0.00023	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,1-Dichloroethene	0.00025	U *+	0.0011	0.00025	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,2,3-Trichlorobenzene	0.00020	U	0.0011	0.00020	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,2,4-Trichlorobenzene	0.00040	U	0.0011	0.00040	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,2,4-Trimethylbenzene	0.00027	U	0.0011	0.00027	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,2-Dibromo-3-Chloropropane	0.00051	U	0.0011	0.00051	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,2-Dichlorobenzene	0.00040	U	0.0011	0.00040	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,2-Dichloroethane	0.00033	U	0.0011	0.00033	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,2-Dichloropropane	0.00047	U	0.0011	0.00047	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,3,5-Trimethylbenzene	0.00035	U	0.0011	0.00035	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,3-Dichlorobenzene	0.00041	U	0.0011	0.00041	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,4-Dichlorobenzene	0.00025	U	0.0011	0.00025	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
2-Butanone (MEK)	0.00041	U	0.0055	0.00041	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
2-Hexanone	0.0019	U	0.0055	0.0019	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
4-Methyl-2-pentanone (MIBK)	0.0017	U	0.0055	0.0017	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Acetone	**0.035**	**U**	0.0067	0.0063	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Benzene	0.00029	U	0.0011	0.00029	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Bromoform	0.00047	U	0.0011	0.00047	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Bromomethane	0.0011	U	0.0022	0.0011	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Carbon disulfide	0.00030	U	0.0011	0.00030	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Carbon tetrachloride	0.00043	U	0.0011	0.00043	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Chlorobenzene	0.00020	U	0.0011	0.00020	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Chlorobromomethane	0.00031	U	0.0011	0.00031	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Chlorodibromomethane	0.00022	U	0.0011	0.00022	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Chloroethane	0.00058	U	0.0011	0.00058	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Chloromethane	0.00048	U	0.0011	0.00048	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1

Client Sample ID: SB-12 (15-15.5)
Lab Sample ID: 460-255692-14

Date Collected: 04/05/22 12:05
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 84.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.00040	U	0.0011	0.00040	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
cis-1,3-Dichloropropene	0.00030	U	0.0011	0.00030	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Cyclohexane	0.00025	U	0.0011	0.00025	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Dichlorobromomethane	0.00029	U	0.0011	0.00029	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Dichlorodifluoromethane	0.00038	U	0.0011	0.00038	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Ethylbenzene	0.00022	U	0.0011	0.00022	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Ethylene Dibromide	0.00020	U	0.0011	0.00020	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Isopropylbenzene	0.00032	U	0.0011	0.00032	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Methyl acetate	0.0048	U	0.0055	0.0048	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Methyl tert-butyl ether	0.00057	U	0.0011	0.00057	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Methylcyclohexane	0.00055	U	0.0011	0.00055	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Methylene Chloride	0.0013	U	0.0022	0.0013	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
m-Xylene & p-Xylene	**0.00020**	**J**	0.0011	0.00019	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
n-Butylbenzene	0.00033	U	0.0011	0.00033	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
N-Propylbenzene	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
o-Xylene	0.00022	U	0.0011	0.00022	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
sec-Butylbenzene	0.00032	U	0.0011	0.00032	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Styrene	0.00031	U	0.0011	0.00031	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
tert-Butylbenzene	0.00031	U	0.0011	0.00031	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Tetrachloroethene	0.00034	U	0.0011	0.00034	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Toluene	0.00026	U	0.0011	0.00026	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
trans-1,2-Dichloroethene	0.00027	U	0.0011	0.00027	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
trans-1,3-Dichloropropene	0.00030	U	0.0011	0.00030	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Trichloroethene	0.00036	U	0.0011	0.00036	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Trichlorofluoromethane	0.00045	U	0.0011	0.00045	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Vinyl chloride	0.00061	U	0.0011	0.00061	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Xylenes, Total	0.00071	U	0.0022	0.00071	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.0057*	*J*	*mg/Kg*	☼	*2.38*		*04/06/22 12:02*	*04/09/22 00:13*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 145*	*04/06/22 12:02*	*04/09/22 00:13*	*1*
4-Bromofluorobenzene	*99*		*70 - 139*	*04/06/22 12:02*	*04/09/22 00:13*	*1*
Dibromofluoromethane (Surr)	*108*		*48 - 150*	*04/06/22 12:02*	*04/09/22 00:13*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*04/06/22 12:02*	*04/09/22 00:13*	*1*

Client Sample ID: SB-10 (2.5-5)
Lab Sample ID: 460-255692-15

Date Collected: 04/05/22 12:30
Sample was not validated.
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 97.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00029	U	0.0012	0.00029	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,1,2,2-Tetrachloroethane	0.00027	U	0.0012	0.00027	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00037	U *+	0.0012	0.00037	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,1,2-Trichloroethane	0.00022	U	0.0012	0.00022	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,1-Dichloroethane	0.00026	U	0.0012	0.00026	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,1-Dichloroethene	0.00028	U *+	0.0012	0.00028	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,2,3-Trichlorobenzene	0.00023	U	0.0012	0.00023	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1

Client Sample ID: SB-10 (2.5-5)

Date Collected: 04/05/22 12:30
Date Received: 04/05/22 18:00

Sample was not validated.

Lab Sample ID: 460-255692-15

Matrix: Solid
Percent Solids: 97.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.00045	U	0.0012	0.00045	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,2,4-Trimethylbenzene	0.00031	U	0.0012	0.00031	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,2-Dibromo-3-Chloropropane	0.00057	U	0.0012	0.00057	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,2-Dichlorobenzene	0.00045	U	0.0012	0.00045	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,2-Dichloroethane	0.00037	U	0.0012	0.00037	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,2-Dichloropropane	0.00053	U	0.0012	0.00053	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,3,5-Trimethylbenzene	0.00039	U	0.0012	0.00039	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,3-Dichlorobenzene	0.00045	U	0.0012	0.00045	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,4-Dichlorobenzene	0.00028	U	0.0012	0.00028	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
2-Butanone (MEK)	0.00046	U	0.0062	0.00046	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
2-Hexanone	0.0021	U	0.0062	0.0021	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
4-Methyl-2-pentanone (MIBK)	0.0019	U	0.0062	0.0019	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Acetone	**0.033**		0.0075	0.0071	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Benzene	0.00032	U	0.0012	0.00032	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Bromoform	0.00053	U	0.0012	0.00053	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Bromomethane	0.0012	U	0.0025	0.0012	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Carbon disulfide	0.00033	U	0.0012	0.00033	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Carbon tetrachloride	0.00048	U	0.0012	0.00048	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Chlorobenzene	0.00022	U	0.0012	0.00022	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Chlorobromomethane	0.00035	U	0.0012	0.00035	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Chlorodibromomethane	0.00024	U	0.0012	0.00024	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Chloroethane	0.00065	U	0.0012	0.00065	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Chloromethane	0.00054	U	0.0012	0.00054	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
cis-1,2-Dichloroethene	0.00045	U	0.0012	0.00045	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
cis-1,3-Dichloropropene	0.00034	U	0.0012	0.00034	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Cyclohexane	0.00028	U	0.0012	0.00028	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Dichlorobromomethane	0.00032	U	0.0012	0.00032	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Dichlorodifluoromethane	0.00042	U	0.0012	0.00042	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Ethylbenzene	0.00025	U	0.0012	0.00025	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Ethylene Dibromide	0.00022	U	0.0012	0.00022	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Isopropylbenzene	0.00035	U	0.0012	0.00035	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Methyl acetate	0.0054	U	0.0062	0.0054	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Methyl tert-butyl ether	0.00064	U	0.0012	0.00064	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Methylcyclohexane	0.00062	U	0.0012	0.00062	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Methylene Chloride	0.0014	U	0.0025	0.0014	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
m-Xylene & p-Xylene	0.00022	U	0.0012	0.00022	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
n-Butylbenzene	0.00037	U	0.0012	0.00037	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
N-Propylbenzene	0.00022	U	0.0012	0.00022	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
o-Xylene	0.00024	U	0.0012	0.00024	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
sec-Butylbenzene	0.00036	U	0.0012	0.00036	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Styrene	0.00035	U	0.0012	0.00035	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
tert-Butylbenzene	0.00034	U	0.0012	0.00034	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Tetrachloroethene	**0.024**		0.0012	0.00038	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Toluene	0.00029	U	0.0012	0.00029	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
trans-1,2-Dichloroethene	0.00031	U	0.0012	0.00031	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
trans-1,3-Dichloropropene	0.00033	U	0.0012	0.00033	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Trichloroethene	0.00040	U	0.0012	0.00040	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Trichlorofluoromethane	0.00051	U	0.0012	0.00051	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1

Client Sample ID: SB-10 (2.5-5)

Date Collected: 04/05/22 12:30
Date Received: 04/05/22 18:00

Sample was not validated.

Lab Sample ID: 460-255692-15

Matrix: Solid
Percent Solids: 97.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.00068	U	0.0012	0.00068	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Xylenes, Total	0.00080	U	0.0025	0.00080	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 12:03*	*04/09/22 00:34*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 145*	*04/06/22 12:03*	*04/09/22 00:34*	*1*
4-Bromofluorobenzene	*94*		*70 - 139*	*04/06/22 12:03*	*04/09/22 00:34*	*1*
Dibromofluoromethane (Surr)	*104*		*48 - 150*	*04/06/22 12:03*	*04/09/22 00:34*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*04/06/22 12:03*	*04/09/22 00:34*	*1*

Client Sample ID: SB-10 (7-7.5)

Date Collected: 04/05/22 12:35
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-16

Matrix: Solid
Percent Solids: 96.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00029	U	0.0013	0.00029	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,1,2,2-Tetrachloroethane	0.00027	U	0.0013	0.00027	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00038	U *+	0.0013	0.00038	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,1,2-Trichloroethane	0.00022	U	0.0013	0.00022	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,1-Dichloroethane	0.00026	U	0.0013	0.00026	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,1-Dichloroethene	0.00028	U *+	0.0013	0.00028	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,2,3-Trichlorobenzene	0.00023	U	0.0013	0.00023	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,2,4-Trichlorobenzene	0.00045	U	0.0013	0.00045	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,2,4-Trimethylbenzene	0.00031	U	0.0013	0.00031	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,2-Dibromo-3-Chloropropane	0.00058	U	0.0013	0.00058	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,2-Dichlorobenzene	0.00045	U	0.0013	0.00045	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,2-Dichloroethane	0.00037	U	0.0013	0.00037	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,2-Dichloropropane	0.00053	U	0.0013	0.00053	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,3,5-Trimethylbenzene	0.00039	U	0.0013	0.00039	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,3-Dichlorobenzene	0.00046	U	0.0013	0.00046	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,4-Dichlorobenzene	0.00028	U	0.0013	0.00028	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
2-Butanone (MEK)	0.00046	U	0.0063	0.00046	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
2-Hexanone	0.0021	U	0.0063	0.0021	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
4-Methyl-2-pentanone (MIBK)	0.0019	U	0.0063	0.0019	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Acetone	**0.049**	**U**	0.0075	0.0072	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Benzene	0.00032	U	0.0013	0.00032	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Bromoform	0.00053	U	0.0013	0.00053	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Bromomethane	0.0013	U	0.0025	0.0013	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Carbon disulfide	0.00033	U	0.0013	0.00033	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Carbon tetrachloride	0.00048	U	0.0013	0.00048	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Chlorobenzene	0.00022	U	0.0013	0.00022	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Chlorobromomethane	0.00035	U	0.0013	0.00035	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Chlorodibromomethane	0.00024	U	0.0013	0.00024	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Chloroethane	0.00065	U	0.0013	0.00065	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Chloroform	0.0012	U	0.0013	0.0012	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Chloromethane	0.00054	U	0.0013	0.00054	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
cis-1,2-Dichloroethene	0.00045	U	0.0013	0.00045	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1

Client Sample ID: SB-10 (7-7.5)
Lab Sample ID: 460-255692-16

Date Collected: 04/05/22 12:35
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 96.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.00034	U	0.0013	0.00034	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Cyclohexane	0.00028	U	0.0013	0.00028	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Dichlorobromomethane	0.00032	U	0.0013	0.00032	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Dichlorodifluoromethane	0.00042	U	0.0013	0.00042	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Ethylbenzene	0.00025	U	0.0013	0.00025	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Ethylene Dibromide	0.00023	U	0.0013	0.00023	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Isopropylbenzene	0.00036	U	0.0013	0.00036	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Methyl acetate	0.0054	U	0.0063	0.0054	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Methyl tert-butyl ether	0.00064	U	0.0013	0.00064	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Methylcyclohexane	0.00062	U	0.0013	0.00062	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Methylene Chloride	0.0014	U	0.0025	0.0014	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
m-Xylene & p-Xylene	0.00022	U	0.0013	0.00022	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
n-Butylbenzene	0.00037	U	0.0013	0.00037	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
N-Propylbenzene	0.00022	U	0.0013	0.00022	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
o-Xylene	0.00024	U	0.0013	0.00024	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
sec-Butylbenzene	0.00036	U	0.0013	0.00036	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Styrene	0.00035	U	0.0013	0.00035	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
tert-Butylbenzene	0.00035	U	0.0013	0.00035	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Tetrachloroethene	**0.00080**	**J**	0.0013	0.00038	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Toluene	0.00029	U	0.0013	0.00029	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
trans-1,2-Dichloroethene	0.00031	U	0.0013	0.00031	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
trans-1,3-Dichloropropene	0.00033	U	0.0013	0.00033	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Trichloroethene	0.00040	U	0.0013	0.00040	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Trichlorofluoromethane	0.00051	U	0.0013	0.00051	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Vinyl chloride	0.00068	U	0.0013	0.00068	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Xylenes, Total	0.00080	U	0.0025	0.00080	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 12:05*	*04/09/22 00:56*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 145*	*04/06/22 12:05*	*04/09/22 00:56*	*1*
4-Bromofluorobenzene	*96*		*70 - 139*	*04/06/22 12:05*	*04/09/22 00:56*	*1*
Dibromofluoromethane (Surr)	*105*		*48 - 150*	*04/06/22 12:05*	*04/09/22 00:56*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*04/06/22 12:05*	*04/09/22 00:56*	*1*

Client Sample ID: SB-10 (15-15.5)
Lab Sample ID: 460-255692-17

Date Collected: 04/05/22 12:40
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 92.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00032	U	0.0014	0.00032	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,1,2,2-Tetrachloroethane	0.00029	U	0.0014	0.00029	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00041	U *+	0.0014	0.00041	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,1,2-Trichloroethane	0.00024	U	0.0014	0.00024	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,1-Dichloroethane	0.00028	U	0.0014	0.00028	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,1-Dichloroethene	0.00031	U *+	0.0014	0.00031	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,2,3-Trichlorobenzene	0.00025	U	0.0014	0.00025	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,2,4-Trichlorobenzene	0.00049	U	0.0014	0.00049	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1

Client Sample ID: SB-10 (15-15.5)
Lab Sample ID: 460-255692-17

Date Collected: 04/05/22 12:40
Matrix: Solid

Date Received: 04/05/22 18:00
Percent Solids: 92.2

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

Analyte	Result	Qualifier		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.00034	U		0.0014	0.00034	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,2-Dibromo-3-Chloropropane	0.00063	U		0.0014	0.00063	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,2-Dichlorobenzene	0.00049	U		0.0014	0.00049	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,2-Dichloroethane	0.00041	U		0.0014	0.00041	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,2-Dichloropropane	0.00058	U		0.0014	0.00058	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,3,5-Trimethylbenzene	0.00043	U		0.0014	0.00043	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,3-Dichlorobenzene	0.00050	U		0.0014	0.00050	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,4-Dichlorobenzene	0.00031	U		0.0014	0.00031	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
2-Butanone (MEK)	0.00050	U		0.0069	0.00050	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
2-Hexanone	0.0023	U		0.0069	0.0023	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
4-Methyl-2-pentanone (MIBK)	0.0021	U		0.0069	0.0021	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Acetone	**0.051**		**U**	0.0082	0.0078	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Benzene	0.00035	U		0.0014	0.00035	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Bromoform	0.00058	U		0.0014	0.00058	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Bromomethane	0.0014	U		0.0027	0.0014	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Carbon disulfide	0.00036	U		0.0014	0.00036	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Carbon tetrachloride	0.00053	U		0.0014	0.00053	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Chlorobenzene	0.00024	U		0.0014	0.00024	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Chlorobromomethane	0.00038	U		0.0014	0.00038	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Chlorodibromomethane	0.00027	U		0.0014	0.00027	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Chloroethane	0.00072	U		0.0014	0.00072	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Chloroform	0.0013	U		0.0014	0.0013	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Chloromethane	0.00060	U		0.0014	0.00060	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
cis-1,2-Dichloroethene	0.00049	U		0.0014	0.00049	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
cis-1,3-Dichloropropene	0.00037	U		0.0014	0.00037	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Cyclohexane	0.00030	U		0.0014	0.00030	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Dichlorobromomethane	0.00035	U		0.0014	0.00035	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Dichlorodifluoromethane	0.00046	U		0.0014	0.00046	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Ethylbenzene	0.00027	U		0.0014	0.00027	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Ethylene Dibromide	0.00025	U		0.0014	0.00025	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Isopropylbenzene	0.00039	U		0.0014	0.00039	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Methyl acetate	0.0059	U		0.0069	0.0059	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Methyl tert-butyl ether	0.00070	U		0.0014	0.00070	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Methylcyclohexane	0.00068	U		0.0014	0.00068	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Methylene Chloride	0.0016	U		0.0027	0.0016	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
m-Xylene & p-Xylene	0.00024	U		0.0014	0.00024	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
n-Butylbenzene	0.00040	U		0.0014	0.00040	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
N-Propylbenzene	0.00024	U		0.0014	0.00024	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
o-Xylene	0.00027	U		0.0014	0.00027	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
sec-Butylbenzene	0.00039	U		0.0014	0.00039	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Styrene	0.00038	U		0.0014	0.00038	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
tert-Butylbenzene	0.00038	U		0.0014	0.00038	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Tetrachloroethene	**0.00092**	**J**		0.0014	0.00042	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Toluene	0.00032	U		0.0014	0.00032	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
trans-1,2-Dichloroethene	0.00034	U		0.0014	0.00034	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
trans-1,3-Dichloropropene	0.00036	U		0.0014	0.00036	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Trichloroethene	0.00044	U		0.0014	0.00044	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Trichlorofluoromethane	0.00056	U		0.0014	0.00056	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Vinyl chloride	0.00075	U		0.0014	0.00075	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1

Client Sample ID: SB-10 (15-15.5)
Lab Sample ID: 460-255692-17

Date Collected: 04/05/22 12:40
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 92.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	0.00088	U	0.0027	0.00088	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 12:06*	*04/09/22 01:19*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 145*	*04/06/22 12:06*	*04/09/22 01:19*	*1*
4-Bromofluorobenzene	*90*		*70 - 139*	*04/06/22 12:06*	*04/09/22 01:19*	*1*
Dibromofluoromethane (Surr)	*102*		*48 - 150*	*04/06/22 12:06*	*04/09/22 01:19*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*	*04/06/22 12:06*	*04/09/22 01:19*	*1*

Client Sample ID: SB-13 (2-2.5)
Lab Sample ID: 460-255692-18

Date Collected: 04/05/22 12:55
Sample was not validated.
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 95.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00028	U	0.0012	0.00028	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,1,2,2-Tetrachloroethane	0.00026	U	0.0012	0.00026	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00036	U *+	0.0012	0.00036	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,1,2-Trichloroethane	0.00021	U	0.0012	0.00021	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,1-Dichloroethane	0.00025	U	0.0012	0.00025	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,1-Dichloroethene	0.00027	U *+	0.0012	0.00027	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,2,3-Trichlorobenzene	0.00022	U	0.0012	0.00022	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,2,4-Trichlorobenzene	0.00043	U	0.0012	0.00043	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,2,4-Trimethylbenzene	0.00030	U	0.0012	0.00030	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,2-Dibromo-3-Chloropropane	0.00055	U	0.0012	0.00055	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,2-Dichlorobenzene	0.00044	U	0.0012	0.00044	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,2-Dichloroethane	0.00036	U	0.0012	0.00036	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,2-Dichloropropane	0.00051	U	0.0012	0.00051	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,3,5-Trimethylbenzene	0.00038	U	0.0012	0.00038	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,3-Dichlorobenzene	0.00044	U	0.0012	0.00044	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,4-Dichlorobenzene	0.00027	U	0.0012	0.00027	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
2-Butanone (MEK)	0.00044	U	0.0060	0.00044	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
2-Hexanone	0.0021	U	0.0060	0.0021	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
4-Methyl-2-pentanone (MIBK)	0.0019	U	0.0060	0.0019	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Acetone	**0.016**		0.0072	0.0069	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Benzene	0.00031	U	0.0012	0.00031	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Bromoform	0.00051	U	0.0012	0.00051	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Bromomethane	0.0012	U	0.0024	0.0012	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Carbon disulfide	0.00032	U	0.0012	0.00032	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Carbon tetrachloride	0.00047	U	0.0012	0.00047	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Chlorobenzene	0.00021	U	0.0012	0.00021	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Chlorobromomethane	0.00034	U	0.0012	0.00034	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Chlorodibromomethane	0.00023	U	0.0012	0.00023	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Chloroethane	0.00063	U	0.0012	0.00063	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Chloromethane	0.00052	U	0.0012	0.00052	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
cis-1,2-Dichloroethene	0.00043	U	0.0012	0.00043	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
cis-1,3-Dichloropropene	0.00033	U	0.0012	0.00033	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1

Client Sample ID: SB-13 (2-2.5)

Sample was not validated.

Date Collected: 04/05/22 12:55
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-18

Matrix: Solid
Percent Solids: 95.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	0.00027	U	0.0012	0.00027	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Dichlorobromomethane	0.00031	U	0.0012	0.00031	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Dichlorodifluoromethane	0.00041	U	0.0012	0.00041	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Ethylbenzene	0.00024	U	0.0012	0.00024	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Ethylene Dibromide	0.00022	U	0.0012	0.00022	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Isopropylbenzene	0.00034	U	0.0012	0.00034	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Methyl acetate	0.0052	U	0.0060	0.0052	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Methyl tert-butyl ether	0.00062	U	0.0012	0.00062	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Methylcyclohexane	0.00060	U	0.0012	0.00060	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Methylene Chloride	0.0014	U	0.0024	0.0014	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
m-Xylene & p-Xylene	0.00021	U	0.0012	0.00021	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
n-Butylbenzene	0.00035	U	0.0012	0.00035	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
N-Propylbenzene	0.00021	U	0.0012	0.00021	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
o-Xylene	0.00023	U	0.0012	0.00023	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
sec-Butylbenzene	0.00035	U	0.0012	0.00035	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Styrene	0.00034	U	0.0012	0.00034	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
tert-Butylbenzene	0.00033	U	0.0012	0.00033	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Tetrachloroethene	**0.023**		0.0012	0.00037	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Toluene	**0.00040**	**J**	0.0012	0.00028	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
trans-1,2-Dichloroethene	0.00030	U	0.0012	0.00030	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
trans-1,3-Dichloropropene	0.00032	U	0.0012	0.00032	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Trichloroethene	0.00039	U	0.0012	0.00039	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Trichlorofluoromethane	0.00049	U	0.0012	0.00049	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Vinyl chloride	0.00066	U	0.0012	0.00066	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Xylenes, Total	0.00077	U	0.0024	0.00077	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 12:07*	*04/09/22 01:42*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 145*	*04/06/22 12:07*	*04/09/22 01:42*	*1*
4-Bromofluorobenzene	*96*		*70 - 139*	*04/06/22 12:07*	*04/09/22 01:42*	*1*
Dibromofluoromethane (Surr)	*111*		*48 - 150*	*04/06/22 12:07*	*04/09/22 01:42*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*04/06/22 12:07*	*04/09/22 01:42*	*1*

Client Sample ID: SB-13 (7-7.5)

Date Collected: 04/05/22 13:00
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-19

Matrix: Solid
Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00025	U	0.0011	0.00025	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,1,2,2-Tetrachloroethane	0.00023	U	0.0011	0.00023	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00032	U *+	0.0011	0.00032	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,1,2-Trichloroethane	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,1-Dichloroethane	0.00022	U	0.0011	0.00022	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,1-Dichloroethene	0.00024	U *+	0.0011	0.00024	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,2,3-Trichlorobenzene	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,2,4-Trichlorobenzene	0.00038	U	0.0011	0.00038	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,2,4-Trimethylbenzene	0.00026	U	0.0011	0.00026	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1

Client Sample ID: SB-13 (7-7.5)
Date Collected: 04/05/22 13:00
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-19
Matrix: Solid
Percent Solids: 83.7

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

Analyte	Result	Qualifier		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.00049	U		0.0011	0.00049	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,2-Dichlorobenzene	0.00039	U		0.0011	0.00039	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,2-Dichloroethane	0.00032	U		0.0011	0.00032	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,2-Dichloropropane	0.00045	U		0.0011	0.00045	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,3,5-Trimethylbenzene	0.00034	U		0.0011	0.00034	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,3-Dichlorobenzene	0.00039	U		0.0011	0.00039	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,4-Dichlorobenzene	0.00024	U		0.0011	0.00024	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
2-Butanone (MEK)	0.00040	U		0.0054	0.00040	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
2-Hexanone	0.0018	U		0.0054	0.0018	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
4-Methyl-2-pentanone (MIBK)	0.0017	U		0.0054	0.0017	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Acetone	**0.0082**		**U**	0.0064	0.0061	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Benzene	0.00028	U		0.0011	0.00028	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Bromoform	0.00046	U		0.0011	0.00046	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Bromomethane	0.0011	U		0.0021	0.0011	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Carbon disulfide	0.00029	U		0.0011	0.00029	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Carbon tetrachloride	0.00042	U		0.0011	0.00042	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Chlorobenzene	0.00019	U		0.0011	0.00019	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Chlorobromomethane	0.00030	U		0.0011	0.00030	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Chlorodibromomethane	0.00021	U		0.0011	0.00021	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Chloroethane	0.00056	U		0.0011	0.00056	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Chloroform	0.0010	U		0.0011	0.0010	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Chloromethane	0.00047	U		0.0011	0.00047	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
cis-1,2-Dichloroethene	0.00038	U		0.0011	0.00038	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
cis-1,3-Dichloropropene	0.00029	U		0.0011	0.00029	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Cyclohexane	0.00024	U		0.0011	0.00024	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Dichlorobromomethane	0.00028	U		0.0011	0.00028	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Dichlorodifluoromethane	0.00036	U		0.0011	0.00036	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Ethylbenzene	0.00021	U		0.0011	0.00021	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Ethylene Dibromide	0.00019	U		0.0011	0.00019	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Isopropylbenzene	0.00031	U		0.0011	0.00031	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Methyl acetate	0.0046	U		0.0054	0.0046	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Methyl tert-butyl ether	0.00055	U		0.0011	0.00055	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Methylcyclohexane	0.00054	U		0.0011	0.00054	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Methylene Chloride	0.0012	U		0.0021	0.0012	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
m-Xylene & p-Xylene	0.00019	U		0.0011	0.00019	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
n-Butylbenzene	0.00032	U		0.0011	0.00032	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
N-Propylbenzene	0.00019	U		0.0011	0.00019	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
o-Xylene	0.00021	U		0.0011	0.00021	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
sec-Butylbenzene	0.00031	U		0.0011	0.00031	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Styrene	0.00030	U		0.0011	0.00030	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
tert-Butylbenzene	0.00030	U		0.0011	0.00030	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Tetrachloroethene	**0.00048**	**J**		0.0011	0.00033	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Toluene	0.00025	U		0.0011	0.00025	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
trans-1,2-Dichloroethene	0.00026	U		0.0011	0.00026	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
trans-1,3-Dichloropropene	0.00029	U		0.0011	0.00029	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Trichloroethene	0.00034	U		0.0011	0.00034	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Trichlorofluoromethane	0.00044	U		0.0011	0.00044	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Vinyl chloride	0.00059	U		0.0011	0.00059	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Xylenes, Total	0.00069	U		0.0021	0.00069	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1

Client Sample ID: SB-13 (7-7.5)
Lab Sample ID: 460-255692-19

Date Collected: 04/05/22 13:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 83.7

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg	☼			04/06/22 12:09	04/09/22 02:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 145	04/06/22 12:09	04/09/22 02:04	1
4-Bromofluorobenzene	97		70 - 139	04/06/22 12:09	04/09/22 02:04	1
Dibromofluoromethane (Surr)	106		48 - 150	04/06/22 12:09	04/09/22 02:04	1
Toluene-d8 (Surr)	94		80 - 120	04/06/22 12:09	04/09/22 02:04	1

Client Sample ID: SB-16 (3-5)
Lab Sample ID: 460-255692-20

Date Collected: 04/05/22 13:20
Sample was not validated.
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 92.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00025	U	0.0011	0.00025	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,1,2,2-Tetrachloroethane	0.00023	U	0.0011	0.00023	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00033	U *+	0.0011	0.00033	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,1,2-Trichloroethane	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,1-Dichloroethane	0.00022	U	0.0011	0.00022	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,1-Dichloroethene	0.00024	U *+	0.0011	0.00024	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,2,3-Trichlorobenzene	0.00020	U	0.0011	0.00020	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,2,4-Trichlorobenzene	0.00039	U	0.0011	0.00039	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,2,4-Trimethylbenzene	0.00027	U	0.0011	0.00027	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,2-Dibromo-3-Chloropropane	0.00050	U	0.0011	0.00050	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,2-Dichlorobenzene	0.00039	U	0.0011	0.00039	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,2-Dichloroethane	0.00032	U	0.0011	0.00032	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,2-Dichloropropane	0.00046	U	0.0011	0.00046	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,3,5-Trimethylbenzene	0.00034	U	0.0011	0.00034	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,3-Dichlorobenzene	0.00040	U	0.0011	0.00040	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,4-Dichlorobenzene	0.00024	U	0.0011	0.00024	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
2-Butanone (MEK)	0.00040	U	0.0054	0.00040	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
2-Hexanone	0.0019	U	0.0054	0.0019	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
4-Methyl-2-pentanone (MIBK)	0.0017	U	0.0054	0.0017	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Acetone	**0.017**		0.0065	0.0062	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Benzene	0.00028	U	0.0011	0.00028	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Bromoform	0.00046	U	0.0011	0.00046	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Bromomethane	0.0011	U	0.0022	0.0011	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Carbon disulfide	0.00029	U	0.0011	0.00029	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Carbon tetrachloride	0.00042	U	0.0011	0.00042	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Chlorobenzene	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Chlorobromomethane	0.00031	U	0.0011	0.00031	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Chlorodibromomethane	0.00021	U	0.0011	0.00021	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Chloroethane	0.00057	U	0.0011	0.00057	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Chloromethane	0.00047	U	0.0011	0.00047	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
cis-1,2-Dichloroethene	0.00039	U	0.0011	0.00039	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
cis-1,3-Dichloropropene	0.00030	U	0.0011	0.00030	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Cyclohexane	0.00024	U	0.0011	0.00024	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Dichlorobromomethane	0.00028	U	0.0011	0.00028	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Dichlorodifluoromethane	0.00037	U	0.0011	0.00037	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Ethylbenzene	0.00022	U	0.0011	0.00022	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1

Client Sample ID: SB-16 (3-5)
Lab Sample ID: 460-255692-20

Date Collected: 04/05/22 13:20
Sample was not validated.
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 92.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.00020	U	0.0011	0.00020	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Isopropylbenzene	0.00031	U	0.0011	0.00031	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Methyl acetate	0.0047	U	0.0054	0.0047	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Methyl tert-butyl ether	0.00056	U	0.0011	0.00056	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Methylcyclohexane	0.00054	U	0.0011	0.00054	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Methylene Chloride	0.0012	U	0.0022	0.0012	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
m-Xylene & p-Xylene	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
n-Butylbenzene	0.00032	U	0.0011	0.00032	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
N-Propylbenzene	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
o-Xylene	0.00021	U	0.0011	0.00021	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
sec-Butylbenzene	0.00031	U	0.0011	0.00031	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Styrene	0.00030	U	0.0011	0.00030	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
tert-Butylbenzene	0.00030	U	0.0011	0.00030	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Tetrachloroethene	**0.0028**		0.0011	0.00033	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Toluene	0.00025	U	0.0011	0.00025	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
trans-1,2-Dichloroethene	0.00027	U	0.0011	0.00027	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
trans-1,3-Dichloropropene	0.00029	U	0.0011	0.00029	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Trichloroethene	0.00035	U	0.0011	0.00035	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Trichlorofluoromethane	0.00044	U	0.0011	0.00044	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Vinyl chloride	0.00059	U	0.0011	0.00059	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Xylenes, Total	0.00070	U	0.0022	0.00070	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 12:10*	*04/09/22 02:27*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 145*	*04/06/22 12:10*	*04/09/22 02:27*	*1*
4-Bromofluorobenzene	*94*		*70 - 139*	*04/06/22 12:10*	*04/09/22 02:27*	*1*
Dibromofluoromethane (Surr)	*109*		*48 - 150*	*04/06/22 12:10*	*04/09/22 02:27*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*04/06/22 12:10*	*04/09/22 02:27*	*1*

Client Sample ID: SB-16 (7-7.5)
Lab Sample ID: 460-255692-21

Date Collected: 04/05/22 13:25
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 95.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00036	U	0.0015	0.00036	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,1,2,2-Tetrachloroethane	0.00033	U	0.0015	0.00033	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00046	U	0.0015	0.00046	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,1,2-Trichloroethane	0.00027	U	0.0015	0.00027	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,1-Dichloroethane	0.00032	U	0.0015	0.00032	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,1-Dichloroethene	0.00035	U	0.0015	0.00035	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,2,3-Trichlorobenzene	0.00028	U	0.0015	0.00028	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,2,4-Trichlorobenzene	0.00055	U	0.0015	0.00055	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,2,4-Trimethylbenzene	0.00038	U	0.0015	0.00038	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,2-Dibromo-3-Chloropropane	0.00071	U	0.0015	0.00071	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,2-Dichlorobenzene	0.00056	U	0.0015	0.00056	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,2-Dichloroethane	0.00046	U	0.0015	0.00046	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,2-Dichloropropane	0.00065	U	0.0015	0.00065	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1

Client Sample ID: SB-16 (7-7.5)
Date Collected: 04/05/22 13:25
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-21
Matrix: Solid
Percent Solids: 95.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	0.00048	U	0.0015	0.00048	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,3-Dichlorobenzene	0.00056	U	0.0015	0.00056	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,4-Dichlorobenzene	0.00035	U	0.0015	0.00035	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
2-Butanone (MEK)	0.00057	U	0.0077	0.00057	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
2-Hexanone	0.0026	U	0.0077	0.0026	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
4-Methyl-2-pentanone (MIBK)	0.0024	U	0.0077	0.0024	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Acetone	**0.050**	**U**	0.0093	0.0088	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Benzene	0.00040	U	0.0015	0.00040	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Bromoform	0.00066	U	0.0015	0.00066	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Bromomethane	0.0015	U	0.0031	0.0015	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Carbon disulfide	0.00041	U	0.0015	0.00041	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Carbon tetrachloride	0.00060	U	0.0015	0.00060	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Chlorobenzene	0.00027	U	0.0015	0.00027	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Chlorobromomethane	0.00043	U	0.0015	0.00043	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Chlorodibromomethane	0.00030	U	0.0015	0.00030	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Chloroethane	0.00081	U	0.0015	0.00081	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Chloroform	0.0015	U	0.0015	0.0015	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Chloromethane	0.00067	U	0.0015	0.00067	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
cis-1,2-Dichloroethene	0.00055	U	0.0015	0.00055	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
cis-1,3-Dichloropropene	0.00042	U	0.0015	0.00042	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Cyclohexane	0.00034	U	0.0015	0.00034	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Dichlorobromomethane	0.00040	U	0.0015	0.00040	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Dichlorodifluoromethane	0.00052	U	0.0015	0.00052	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Ethylbenzene	0.00031	U	0.0015	0.00031	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Ethylene Dibromide	0.00028	U	0.0015	0.00028	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Isopropylbenzene	0.00044	U	0.0015	0.00044	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Methyl acetate	0.0066	U	0.0077	0.0066	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Methyl tert-butyl ether	0.00079	U	0.0015	0.00079	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Methylcyclohexane	0.00077	U	0.0015	0.00077	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Methylene Chloride	0.0018	U	0.0031	0.0018	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
m-Xylene & p-Xylene	0.00027	U	0.0015	0.00027	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
n-Butylbenzene	0.00045	U	0.0015	0.00045	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
N-Propylbenzene	0.00027	U	0.0015	0.00027	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
o-Xylene	0.00030	U	0.0015	0.00030	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
sec-Butylbenzene	0.00044	U	0.0015	0.00044	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Styrene	0.00043	U	0.0015	0.00043	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
tert-Butylbenzene	0.00043	U	0.0015	0.00043	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Tetrachloroethene	0.00047	U	0.0015	0.00047	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Toluene	0.00036	U	0.0015	0.00036	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
trans-1,2-Dichloroethene	0.00038	U	0.0015	0.00038	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
trans-1,3-Dichloropropene	0.00041	U	0.0015	0.00041	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Trichloroethene	0.00050	U	0.0015	0.00050	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Trichlorofluoromethane	0.00063	U	0.0015	0.00063	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Vinyl chloride	0.00084	U	0.0015	0.00084	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Xylenes, Total	0.00099	U	0.0031	0.00099	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 12:11*	*04/09/22 08:09*	*1*

Client Sample ID: SB-16 (7-7.5)
Lab Sample ID: 460-255692-21

Date Collected: 04/05/22 13:25
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 95.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 145*	*04/06/22 12:11*	*04/09/22 08:09*	*1*
4-Bromofluorobenzene	*100*		*70 - 139*	*04/06/22 12:11*	*04/09/22 08:09*	*1*
Dibromofluoromethane (Surr)	*107*		*48 - 150*	*04/06/22 12:11*	*04/09/22 08:09*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*	*04/06/22 12:11*	*04/09/22 08:09*	*1*

Client Sample ID: TB
Lab Sample ID: 460-255692-22

Date Collected: 04/05/22 00:00
Matrix: Water
Date Received: 04/05/22 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			04/08/22 11:02	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			04/08/22 11:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			04/08/22 11:02	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			04/08/22 11:02	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			04/08/22 11:02	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			04/08/22 11:02	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			04/08/22 11:02	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			04/08/22 11:02	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			04/08/22 11:02	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			04/08/22 11:02	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			04/08/22 11:02	1
1,4-Dioxane	28	U	50	28	ug/L			04/08/22 11:02	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			04/08/22 11:02	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			04/08/22 11:02	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			04/08/22 11:02	1
Acetone	4.4	U	5.0	4.4	ug/L			04/08/22 11:02	1
Benzene	0.20	U	1.0	0.20	ug/L			04/08/22 11:02	1
Bromoform	0.54	U	1.0	0.54	ug/L			04/08/22 11:02	1
Bromomethane	0.55	U	1.0	0.55	ug/L			04/08/22 11:02	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			04/08/22 11:02	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			04/08/22 11:02	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			04/08/22 11:02	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			04/08/22 11:02	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			04/08/22 11:02	1
Chloroethane	0.32	U	1.0	0.32	ug/L			04/08/22 11:02	1
Chloroform	0.33	U	1.0	0.33	ug/L			04/08/22 11:02	1
Chloromethane	0.40	U	1.0	0.40	ug/L			04/08/22 11:02	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			04/08/22 11:02	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			04/08/22 11:02	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			04/08/22 11:02	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			04/08/22 11:02	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			04/08/22 11:02	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			04/08/22 11:02	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			04/08/22 11:02	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			04/08/22 11:02	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			04/08/22 11:02	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			04/08/22 11:02	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			04/08/22 11:02	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			04/08/22 11:02	1

Client Sample ID: TB
Lab Sample ID: 460-255692-22

Date Collected: 04/05/22 00:00
Matrix: Water
Date Received: 04/05/22 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			04/08/22 11:02	1
o-Xylene	0.36	U	1.0	0.36	ug/L			04/08/22 11:02	1
Styrene	0.42	U	1.0	0.42	ug/L			04/08/22 11:02	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			04/08/22 11:02	1
Toluene	0.38	U	1.0	0.38	ug/L			04/08/22 11:02	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			04/08/22 11:02	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			04/08/22 11:02	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			04/08/22 11:02	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			04/08/22 11:02	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			04/08/22 11:02	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			04/08/22 11:02	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			04/08/22 11:02	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			04/08/22 11:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*75 - 123*		*04/08/22 11:02*	*1*
4-Bromofluorobenzene	*107*		*76 - 120*		*04/08/22 11:02*	*1*
Dibromofluoromethane (Surr)	*124*		*77 - 124*		*04/08/22 11:02*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*04/08/22 11:02*	*1*

Client Sample ID: FB
Lab Sample ID: 460-255692-23

Date Collected: 04/05/22 08:10
Matrix: Water
Date Received: 04/05/22 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			04/08/22 11:25	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			04/08/22 11:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			04/08/22 11:25	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			04/08/22 11:25	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			04/08/22 11:25	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			04/08/22 11:25	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			04/08/22 11:25	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			04/08/22 11:25	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			04/08/22 11:25	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			04/08/22 11:25	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			04/08/22 11:25	1
1,4-Dioxane	28	U	50	28	ug/L			04/08/22 11:25	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			04/08/22 11:25	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			04/08/22 11:25	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			04/08/22 11:25	1
Acetone	**4.7**	**J**	5.0	4.4	ug/L			04/08/22 11:25	1
Benzene	0.20	U	1.0	0.20	ug/L			04/08/22 11:25	1
Bromoform	0.54	U	1.0	0.54	ug/L			04/08/22 11:25	1
Bromomethane	0.55	U	1.0	0.55	ug/L			04/08/22 11:25	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			04/08/22 11:25	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			04/08/22 11:25	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			04/08/22 11:25	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			04/08/22 11:25	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			04/08/22 11:25	1

Client Sample ID: FB
Lab Sample ID: 460-255692-23

Date Collected: 04/05/22 08:10
Matrix: Water
Date Received: 04/05/22 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	0.32	U	1.0	0.32	ug/L			04/08/22 11:25	1
Chloroform	0.33	U	1.0	0.33	ug/L			04/08/22 11:25	1
Chloromethane	0.40	U	1.0	0.40	ug/L			04/08/22 11:25	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			04/08/22 11:25	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			04/08/22 11:25	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			04/08/22 11:25	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			04/08/22 11:25	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			04/08/22 11:25	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			04/08/22 11:25	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			04/08/22 11:25	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			04/08/22 11:25	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			04/08/22 11:25	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			04/08/22 11:25	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			04/08/22 11:25	1
Methylene Chloride	**2.7**		1.0	0.32	ug/L			04/08/22 11:25	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			04/08/22 11:25	1
o-Xylene	0.36	U	1.0	0.36	ug/L			04/08/22 11:25	1
Styrene	0.42	U	1.0	0.42	ug/L			04/08/22 11:25	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			04/08/22 11:25	1
Toluene	0.38	U	1.0	0.38	ug/L			04/08/22 11:25	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			04/08/22 11:25	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			04/08/22 11:25	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			04/08/22 11:25	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			04/08/22 11:25	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			04/08/22 11:25	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			04/08/22 11:25	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			04/08/22 11:25	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			04/08/22 11:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*75 - 123*		*04/08/22 11:25*	*1*
4-Bromofluorobenzene	*100*		*76 - 120*		*04/08/22 11:25*	*1*
Dibromofluoromethane (Surr)	*123*		*77 - 124*		*04/08/22 11:25*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*04/08/22 11:25*	*1*

VOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260D Volatiles Data for
Eurofins Environment Testing America-Edison
Job No. 460-255692-1

10 Soil Samples, 1 Field Duplicate,
1 Field Blank, and 1 Trip Blank
Collected April 5, 2022

Prepared by: Donald Anné
June 8, 2023

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for applicable compounds were above the method minimums and the %RSDs were below the method maximum, as required.

The average RRFs for target compounds were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for applicable compounds were above the method minimums, as required. The %Ds for bromomethane, chloroethene, trichlorofluoromethane, 1,1,2-trichloro-1,2,2-trifuoroethane, 1,1-dichloroethene, and methyl acetate were above the method maximum on 04-08-22 (B85430.D). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provide no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.050), as required.

The %Ds for bromomethane, chloroethene, trichlorofluoromethane, 1,1,2-trichloro-1,2,2-trifuoroethane, 1,1-dichloroethene, and methyl acetate were above the allowable maximum (20%) on 04-08-22 (B85430.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method and trip blanks reported target compounds as not detected. Field blank FB contained traces of acetone (4.7 ug/L) and methylene chloride (2.7 ug/L). Positive results for acetone and methylene chloride that are less than ten times the highest blank level should be considered not detected (U) in associated samples.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Internal Standard Area Summary: The applicable internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the soil samples, field blank, and trip blank.

Laboratory Control Sample: The relative percent differences (RPDs) for target compounds were below the allowable maximum and the percent recoveries (%Rs) were within QC limits for aqueous samples LCS 460-838022/4 and LCSD 460-838022/5, and soil samples LCS 460-838227/3 and LCSD 460-838227/4.

The RPDs for target compounds were below the allowable maximum, but 1 of 2 %Rs for 1,1,2-trichloro-1,2,2-trifuoroethane and 1,1-dichloroethene were above QC limits for soil samples LCS 460-838140/3 and LCSD 460-838140/4. Positive results for these compounds should be considered estimated (J) in associated soil samples.

Field Duplicates: The relative percent difference for acetone below the allowable maximum (35%) for soil field duplicate pair SB-15 (3-5)/DUP (attached table), as required.

Compound ID: Checked compound and surrogate results were within quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B85431.D

Lab ID: LCS 460-838140/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0226	113	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0185	93	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0274	137	78-136	*+
1,1,2-Trichloroethane	0.0200	0.0183	91	75-120	
1,1-Dichloroethane	0.0200	0.0215	107	76-129	
1,1-Dichloroethene	0.0200	0.0268	134	77-132	*+
1,2,3-Trichlorobenzene	0.0200	0.0204	102	65-144	
1,2,4-Trichlorobenzene	0.0200	0.0206	103	75-120	
1,2,4-Trimethylbenzene	0.0200	0.0195	98	79-120	
1,2-Dichloropropane	0.0200	0.0197	98	73-124	
1,3,5-Trimethylbenzene	0.0200	0.0190	95	79-120	
1,3-Dichlorobenzene	0.0200	0.0205	103	80-120	
1,4-Dichlorobenzene	0.0200	0.0201	101	80-120	
2-Butanone (MEK)	0.100	0.0995	99	75-120	
2-Hexanone	0.100	0.0974	97	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.0905	90	80-122	
Acetone	0.100	0.113	113	63-131	
Benzene	0.0200	0.0195	97	80-123	
Bromoform	0.0200	0.0186	93	48-142	
Bromomethane	0.0200	0.0233	117	46-150	
Carbon disulfide	0.0200	0.0260	130	67-136	
Carbon tetrachloride	0.0200	0.0223	112	72-136	
Chlorobenzene	0.0200	0.0201	100	80-120	
Chlorobromomethane	0.0200	0.0205	102	76-127	
Chlorodibromomethane	0.0200	0.0183	91	62-128	
Chloroethane	0.0200	0.0232	116	49-150	
Chloroform	0.0200	0.0209	105	79-126	
Chloromethane	0.0200	0.0219	109	48-150	
cis-1,2-Dichloroethene	0.0200	0.0217	109	80-123	
cis-1,3-Dichloropropene	0.0200	0.0185	92	72-120	
Cyclohexane	0.0200	0.0217	109	80-132	
Dichlorobromomethane	0.0200	0.0188	94	73-124	
Dichlorodifluoromethane	0.0200	0.0223	112	40-146	
Ethylbenzene	0.0200	0.0197	99	80-120	
Ethylene Dibromide	0.0200	0.0191	95	79-120	
Isopropylbenzene	0.0200	0.0173	87	80-120	
Methyl acetate	0.0400	0.0391	98	58-143	
Methyl tert-butyl ether	0.0200	0.0212	106	80-125	
Methylcyclohexane	0.0200	0.0209	105	79-133	
Methylene Chloride	0.0200	0.0231	115	76-127	
m-Xylene & p-Xylene	0.0200	0.0199	100	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B85431.D

Lab ID: LCS 460-838140/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
n-Butylbenzene	0.0200	0.0191	95	77-123	
N-Propylbenzene	0.0200	0.0202	101	78-120	
o-Xylene	0.0200	0.0175	87	80-120	
sec-Butylbenzene	0.0200	0.0187	93	78-120	
Styrene	0.0200	0.0192	96	80-120	
1,2-Dichloroethane	0.0200	0.0200	100	70-132	
tert-Butylbenzene	0.0200	0.0181	91	76-120	
1,2-Dichlorobenzene	0.0200	0.0198	99	80-120	
Tetrachloroethene	0.0200	0.0198	99	78-123	
1,2-Dibromo-3-Chloropropane	0.0200	0.0170	85	60-126	
Toluene	0.0200	0.0190	95	80-120	
trans-1,2-Dichloroethene	0.0200	0.0226	113	78-128	
trans-1,3-Dichloropropene	0.0200	0.0182	91	68-120	
Trichloroethene	0.0200	0.0191	95	79-120	
Trichlorofluoromethane	0.0200	0.0247	123	67-142	
Vinyl chloride	0.0200	0.0224	112	56-147	
Xylenes, Total	0.0400	0.0374	93	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B85432.D

Lab ID: LCSD 460-838140/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0220	110	3	30	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0199	100	7	30	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0270	135	1	30	78-136	
1,1,2-Trichloroethane	0.0200	0.0201	100	9	30	75-120	
1,1-Dichloroethane	0.0200	0.0218	109	2	30	76-129	
1,1-Dichloroethene	0.0200	0.0259	129	3	30	77-132	
1,2,3-Trichlorobenzene	0.0200	0.0208	104	2	30	65-144	
1,2,4-Trichlorobenzene	0.0200	0.0207	103	0	30	75-120	
1,2,4-Trimethylbenzene	0.0200	0.0195	97	0	30	79-120	
1,2-Dichloropropane	0.0200	0.0207	104	5	30	73-124	
1,3,5-Trimethylbenzene	0.0200	0.0191	96	1	30	79-120	
1,3-Dichlorobenzene	0.0200	0.0204	102	1	30	80-120	
1,4-Dichlorobenzene	0.0200	0.0198	99	2	30	80-120	
2-Butanone (MEK)	0.100	0.0941	94	6	30	75-120	
2-Hexanone	0.100	0.0902	90	8	30	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.0853	85	6	30	80-122	
Acetone	0.100	0.109	109	4	30	63-131	
Benzene	0.0200	0.0216	108	10	30	80-123	
Bromoform	0.0200	0.0201	101	8	30	48-142	
Bromomethane	0.0200	0.0230	115	2	30	46-150	
Carbon disulfide	0.0200	0.0261	131	1	30	67-136	
Carbon tetrachloride	0.0200	0.0222	111	1	30	72-136	
Chlorobenzene	0.0200	0.0206	103	2	30	80-120	
Chlorobromomethane	0.0200	0.0209	104	2	30	76-127	
Chlorodibromomethane	0.0200	0.0195	98	7	30	62-128	
Chloroethane	0.0200	0.0232	116	0	30	49-150	
Chloroform	0.0200	0.0202	101	3	30	79-126	
Chloromethane	0.0200	0.0228	114	4	30	48-150	
cis-1,2-Dichloroethene	0.0200	0.0220	110	1	30	80-123	
cis-1,3-Dichloropropene	0.0200	0.0199	100	7	30	72-120	
Cyclohexane	0.0200	0.0233	117	7	30	80-132	
Dichlorobromomethane	0.0200	0.0193	97	3	30	73-124	
Dichlorodifluoromethane	0.0200	0.0240	120	7	30	40-146	
Ethylbenzene	0.0200	0.0202	101	3	30	80-120	
Ethylene Dibromide	0.0200	0.0200	100	5	30	79-120	
Isopropylbenzene	0.0200	0.0182	91	5	30	80-120	
Methyl acetate	0.0400	0.0487	122	22	30	58-143	
Methyl tert-butyl ether	0.0200	0.0236	118	11	30	80-125	
Methylcyclohexane	0.0200	0.0209	105	0	30	79-133	
Methylene Chloride	0.0200	0.0231	115	0	30	76-127	
m-Xylene & p-Xylene	0.0200	0.0206	103	4	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B85432.D

Lab ID: LCSD 460-838140/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
n-Butylbenzene	0.0200	0.0190	95	0	30	77-123	
N-Propylbenzene	0.0200	0.0204	102	1	30	78-120	
o-Xylene	0.0200	0.0185	92	6	30	80-120	
sec-Butylbenzene	0.0200	0.0191	96	2	30	78-120	
Styrene	0.0200	0.0197	98	3	30	80-120	
1,2-Dichloroethane	0.0200	0.0205	102	2	30	70-132	
tert-Butylbenzene	0.0200	0.0190	95	4	30	76-120	
1,2-Dichlorobenzene	0.0200	0.0199	99	1	30	80-120	
Tetrachloroethene	0.0200	0.0206	103	4	30	78-123	
1,2-Dibromo-3-Chloropropane	0.0200	0.0199	100	16	30	60-126	
Toluene	0.0200	0.0205	102	7	30	80-120	
trans-1,2-Dichloroethene	0.0200	0.0250	125	10	30	78-128	
trans-1,3-Dichloropropene	0.0200	0.0199	99	9	30	68-120	
Trichloroethene	0.0200	0.0203	101	6	30	79-120	
Trichlorofluoromethane	0.0200	0.0255	127	3	30	67-142	
Vinyl chloride	0.0200	0.0239	120	7	30	56-147	
Xylenes, Total	0.0400	0.0391	98	5	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab Sample ID: CCVIS 460-838140/2 Calibration Date: 04/08/2022 15:58

Instrument ID: CVOAMS2 Calib Start Date: 04/05/2022 07:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/05/2022 12:25

Lab File ID: B85430.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Lin2		0.0194		14.4	20.0	-28.1*	20.0
1,1-Difluoroethane	Ave	0.7039	0.7622		21.7	20.0	8.3	20.0
Chlorodifluoromethane	Lin2		0.0685		21.6	20.0	8.1	20.0
Dichlorodifluoromethane	Ave	0.4530	0.4165	0.1000	18.4	20.0	-8.1	20.0
Chloromethane	Ave	0.6384	0.7224	0.1000	22.6	20.0	13.1	20.0
Butadiene	Ave	0.3982	0.4730		23.8	20.0	18.8	20.0
Vinyl chloride	Ave	0.4315	0.4923	0.1000	22.8	20.0	14.1	20.0
Bromomethane	Ave	0.2375	0.3021	0.1000	25.4	20.0	27.2	50.0
Chloroethane	Ave	0.2241	0.2855	0.1000	25.5	20.0	27.4	50.0
Dichlorofluoromethane	Ave	0.5564	0.7885		28.3	20.0	41.7*	20.0
Pentane	Ave	0.0463	0.0536		46.3	40.0	15.6	20.0
Trichlorofluoromethane	Ave	0.4164	0.5325	0.1000	25.6	20.0	27.9*	20.0
Ethanol	Ave	0.0343	0.0457		1060	800	33.0	50.0
Ethyl ether	Ave	0.1980	0.2461		24.9	20.0	24.3*	20.0
2-Methyl-1,3-butadiene	Ave	0.2512	0.3085		24.6	20.0	22.8*	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2323	0.2395		20.6	20.0	3.1	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3936	0.4356		22.1	20.0	10.7	20.0
Acrolein	Ave	0.6981	0.6803		296	304	-2.6	50.0
1,1-Dichloroethene	Ave	0.2221	0.2767	0.1000	24.9	20.0	24.6*	20.0
Acetone	Ave	0.6702	0.7905	0.0500	118	100	17.9	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2606	0.3229	0.1000	24.8	20.0	23.9*	20.0
Iodomethane	Ave	0.3992	0.4699		23.5	20.0	17.7	20.0
Carbon disulfide	Ave	0.9383	1.116	0.1000	23.8	20.0	19.0	50.0
Isopropyl alcohol	Ave	0.7333	0.5886		161	200	-19.7	50.0
3-Chloro-1-propene	Ave	0.4051	0.4357		21.5	20.0	7.5	20.0
Methyl acetate	Ave	0.1952	0.2435	0.1000	49.9	40.0	24.7*	20.0
Acetonitrile	Ave	0.5741	0.7010		244	200	22.1*	20.0
Methylene Chloride	Ave	0.2878	0.3211	0.1000	22.3	20.0	11.6	20.0
2-Methyl-2-propanol	Ave	0.9889	1.070		216	200	8.2	50.0
Acrylonitrile	Ave	2.617	3.068		234	200	17.2	20.0
trans-1,2-Dichloroethene	Ave	0.2575	0.2761	0.1000	21.4	20.0	7.2	20.0
Methyl tert-butyl ether	Ave	0.7177	0.7658	0.1000	21.3	20.0	6.7	20.0
Hexane	Ave	0.4281	0.4173		19.5	20.0	-2.5	20.0
1,1-Dichloroethane	Ave	0.5412	0.5562	0.2000	20.6	20.0	2.8	20.0
Vinyl acetate	Ave	0.2606	0.2428		37.3	40.0	-6.8	20.0
2-Chloro-1,3-butadiene	Ave	0.2373	0.2232		18.8	20.0	-5.9	20.0
Isopropyl ether	Ave	1.018	1.029		20.2	20.0	1.1	20.0
Tert-butyl ethyl ether	Ave	0.2898	0.2718		18.8	20.0	-6.2	20.0
cis-1,2-Dichloroethene	Ave	0.2634	0.2823	0.1000	21.4	20.0	7.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab Sample ID: CCVIS 460-838140/2 Calibration Date: 04/08/2022 15:58

Instrument ID: CVOAMS2 Calib Start Date: 04/05/2022 07:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/05/2022 12:25

Lab File ID: B85430.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.1414	0.1330		18.8	20.0	-5.9	20.0
2-Butanone (MEK)	Ave	0.2083	0.2122	0.0500	102	100	1.9	50.0
Propionitrile	Ave	0.2680	0.2598		194	200	-3.1	20.0
Ethyl acetate	Ave	0.1686	0.1679		39.8	40.0	-0.4	20.0
Methyl acrylate	Ave	0.2509	0.2579		20.6	20.0	2.8	20.0
Chlorobromomethane	Ave	0.1222	0.1336		21.9	20.0	9.3	20.0
Methacrylonitrile	Ave	0.0905	0.0899		199	200	-0.7	20.0
Tetrahydrofuran	Ave	0.2190	0.2149		39.3	40.0	-1.8	20.0
Chloroform	Ave	0.4498	0.4712	0.2000	21.0	20.0	4.8	20.0
1,1,1-Trichloroethane	Ave	0.3955	0.4094	0.1000	20.7	20.0	3.5	20.0
Cyclohexane	Ave	0.3957	0.3985	0.1000	20.1	20.0	0.7	50.0
1,1-Dichloropropene	Ave	0.3388	0.3351		19.8	20.0	-1.1	20.0
Carbon tetrachloride	Ave	0.3309	0.3338	0.1000	20.2	20.0	0.9	20.0
Benzene	Ave	1.535	1.524	0.5000	19.9	20.0	-0.7	20.0
1,2-Dichloroethane	Ave	0.3289	0.3404	0.1000	20.7	20.0	3.5	20.0
Isobutyl alcohol	QuaF		0.1834		400	500	-20.0	20.0
Tert-amyl methyl ether	Ave	0.7942	0.7679		19.3	20.0	-3.3	20.0
Isopropyl acetate	Ave	0.9483	0.9120		19.2	20.0	-3.8	20.0
n-Heptane	Ave	0.5187	0.4980		19.2	20.0	-4.0	20.0
Trichloroethene	Ave	0.2312	0.2185	0.2000	18.9	20.0	-5.5	20.0
n-Butanol	QuaF		0.0165		105	500	-79.0*	50.0
Ethyl acrylate	Ave	0.6728	0.6216		18.5	20.0	-7.6	20.0
Methylcyclohexane	Ave	0.4532	0.4259	0.1000	18.8	20.0	-6.0	50.0
1,2-Dichloropropane	Ave	0.2616	0.2624	0.1000	20.1	20.0	0.3	20.0
Dibromomethane	Ave	0.1315	0.1357		20.6	20.0	3.2	20.0
1,4-Dioxane	Lin2		1.123		442	400	10.4	50.0
Methyl methacrylate	Ave	0.0451	0.0429		38.0	40.0	-4.9	20.0
Dichlorobromomethane	Ave	0.2988	0.2957	0.2000	19.8	20.0	-1.1	20.0
n-Propyl acetate	Ave	0.2950	0.2663		18.1	20.0	-9.7	20.0
2-Nitropropane	QuaF		0.0457		35.2	40.0	-12.0	20.0
2-Chloroethyl vinyl ether	Qua2		0.0464		15.3	20.0	-23.9*	20.0
Epichlorohydrin	Ave	0.1490	0.1381		371	400	-7.3	20.0
cis-1,3-Dichloropropene	Ave	0.5247	0.5001	0.2000	19.1	20.0	-4.7	50.0
4-Methyl-2-pentanone (MIBK)	Ave	1.753	1.666	0.0500	95.1	100	-4.9	50.0
Toluene	Ave	1.490	1.368	0.4000	18.4	20.0	-8.2	20.0
trans-1,3-Dichloropropene	Ave	0.4351	0.3917	0.1000	18.0	20.0	-10.0	50.0
1,1,2-Trichloroethane	Ave	0.2308	0.2278	0.1000	19.7	20.0	-1.3	20.0
Ethyl methacrylate	Ave	0.2240	0.1832		16.4	20.0	-18.2	20.0
Tetrachloroethene	Ave	0.3222	0.2960	0.2000	18.4	20.0	-8.1	20.0
1,3-Dichloropropane	Ave	0.4812	0.4627		19.2	20.0	-3.8	20.0
2-Hexanone	Qua2		0.9911	0.0500	97.2	100	-2.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab Sample ID: CCVIS 460-838140/2 Calibration Date: 04/08/2022 15:58

Instrument ID: CVOAMS2 Calib Start Date: 04/05/2022 07:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/05/2022 12:25

Lab File ID: B85430.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorodibromomethane	Ave	0.2801	0.2710	0.1000	19.3	20.0	-3.3	50.0
Ethylene Dibromide	Ave	0.2497	0.2559	0.1000	20.5	20.0	2.5	20.0
n-Butyl acetate	Ave	0.4593	0.3746		16.3	20.0	-18.5	20.0
Chlorobenzene	Ave	0.8574	0.8268	0.5000	19.3	20.0	-3.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3123	0.2828		18.1	20.0	-9.4	20.0
Ethylbenzene	Ave	0.4646	0.4265	0.1000	18.4	20.0	-8.2	20.0
m-Xylene & p-Xylene	Ave	0.5390	0.5029	0.1000	18.7	20.0	-6.7	20.0
o-Xylene	Ave	0.5414	0.4495	0.3000	16.6	20.0	-17.0	20.0
Styrene	Qua2		0.7920	0.3000	18.2	20.0	-8.9	20.0
n-Butyl acrylate	QuaF		0.1430		13.5	20.0	-32.4*	20.0
Bromoform	Ave	0.1692	0.1615	0.1000	19.1	20.0	-4.6	20.0
Amyl acetate (mixed isomers)	QuaF		0.7522		15.4	20.0	-23.2*	20.0
Isopropylbenzene	Lin2		1.304	0.1000	16.3	20.0	-18.3	20.0
Bromobenzene	Ave	0.6228	0.6184		19.9	20.0	-0.7	20.0
1,2,3-Trichloropropane	Ave	0.1739	0.1756		20.2	20.0	1.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6642	0.6759	0.3000	20.4	20.0	1.8	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2008	0.1843		18.4	20.0	-8.2	20.0
N-Propylbenzene	Ave	0.7205	0.6586		18.3	20.0	-8.6	20.0
2-Chlorotoluene	Ave	0.6443	0.6076		18.9	20.0	-5.7	20.0
4-Ethyltoluene	Ave	2.601	2.320		17.8	20.0	-10.8	20.0
4-Chlorotoluene	Ave	2.283	2.114		18.5	20.0	-7.4	20.0
1,3,5-Trimethylbenzene	Ave	2.273	2.009		17.7	20.0	-11.6	20.0
Butyl Methacrylate	QuaF		0.4238		12.4	20.0	-38.0*	20.0
tert-Butylbenzene	Ave	1.785	1.544		17.3	20.0	-13.5	20.0
1,2,4-Trimethylbenzene	Ave	2.262	2.072		18.3	20.0	-8.4	20.0
sec-Butylbenzene	Ave	2.935	2.562		17.5	20.0	-12.7	20.0
1,3-Dichlorobenzene	Ave	1.256	1.172	0.6000	18.7	20.0	-6.7	20.0
1,4-Dichlorobenzene	Ave	1.290	1.193	0.5000	18.5	20.0	-7.5	20.0
4-Isopropyltoluene	Ave	2.482	2.183		17.6	20.0	-12.0	20.0
1,2,3-Trimethylbenzene	Ave	2.420	2.206		18.2	20.0	-8.9	20.0
Benzyl chloride	QuaF		0.1356		12.8	20.0	-36.2	50.0
Indan	Qua2		0.6802		18.3	20.0	-8.3	20.0
1,2-Dichlorobenzene	Ave	1.194	1.150	0.4000	19.3	20.0	-3.6	20.0
p-Diethylbenzene	Lin2		1.045		15.5	20.0	-22.6*	20.0
n-Butylbenzene	Lin2		1.180		15.9	20.0	-20.7*	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1167	0.1011	0.0500	17.3	20.0	-13.3	50.0
1,2,4,5-Tetramethylbenzene	Qua2		1.681		17.4	20.0	-13.0	20.0
1,3,5-Trichlorobenzene	Ave	0.9401	0.7779		16.5	20.0	-17.3	20.0
1,2,4-Trichlorobenzene	Ave	0.8182	0.7109	0.2000	17.4	20.0	-13.1	20.0
Hexachlorobutadiene	Ave	0.4459	0.3789		17.0	20.0	-15.0	20.0
Naphthalene	Ave	1.859	1.669		18.0	20.0	-10.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab Sample ID: CCVIS 460-838140/2 Calibration Date: 04/08/2022 15:58

Instrument ID: CVOAMS2 Calib Start Date: 04/05/2022 07:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/05/2022 12:25

Lab File ID: B85430.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Ave	0.8024	0.7227		18.0	20.0	-9.9	20.0
Dibromofluoromethane (Surr)	Ave	0.2462	0.2433		49.4	50.0	-1.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2918	0.2815		48.2	50.0	-3.5	20.0
Toluene-d8 (Surr)	Ave	1.449	1.353		46.7	50.0	-6.7	20.0
4-Bromofluorobenzene	Ave	0.7036	0.6784		48.2	50.0	-3.6	20.0

Field Duplicate Calculation Section

Volatiles

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. 460-255692-1

S1= SB-15 (3-5) **S2=** DUP

Analyte	S1	S2	RPD (%)
Acetone	0.0083	0.0078	6%
Tetrachloroethene	**0.00065**	0.0048	NC

* RPD is above the allowable maximum 35%

Results are in units of mg/Kg.

Bold numbers were values that are below the CRQL or above the high standard.
ND - Not detected.
NC - Not calculated, both results must be within the linear range for valid RPDs to be calculated.

Alpha Geoscience: Acronyms and Definitions

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	=	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	=	Analyte is present. Reported value may be biased high andassociated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

Appendix M

Analytical Data Reports – Limited Soil Investigation

ANALYTICAL REPORT

Job Number: 460-255692-1

Job Description: Bridge Cleaners

For:
Environmental Compliance & Control Inc
1 Emery Avenue
Unit 2
Randolph, NJ 07869

Attention: Nicholas Krasnecky

Approved for release.
Kristyn L Tempe
Manager of Project Management
4/15/2022 9:54 AM

Kristyn L Tempe, Manager of Project Management
777 New Durham Road, Edison, NJ, 08817
(732)549-3900
Kristyn.Tempe@et.eurofinsus.com
04/15/2022

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Edison and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Edison Project Manager or designee who has signed this report.

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

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Job Number: 460-255692-1

Job Description: Bridge Cleaners

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Approved for release.
Kristyn L Tempe
Manager of Project Management
4/15/2022 9:54 AM

Kristyn L Tempe

Table of Contents

Cover Title Page 1

Data Summaries 5

Report Narrative 5

Sample Summary 7

Detection Summary 8

Method Summary 11

Client Sample Results 12

Surrogate Summary 46

QC Sample Results 48

Definitions 63

QC Association 64

Chronicle 66

Certification Summary 74

Organic Sample Data 75

GC/MS VOA 75

8260D 75

8260D QC Summary 76

8260D Sample Data 105

Standards Data 329

8260D ICAL Data 329

8260D CCAL Data 916

Raw QC Data 1017

8260D Tune Data 1017

8260D Blank Data 1026

8260D LCS/LCSD Data 1052

8260D Run Logs 1113

Table of Contents

8260D Prep Data 1118

Inorganic Sample Data 1128

General Chemistry Data 1128

Gen Chem Cover Page 1129

Gen Chem MDL 1130

Gen Chem Analysis Run Log 1132

Gen Chem Raw Data 1134

Gen Chem Prep Data 1137

Shipping and Receiving Documents 1140

Client Chain of Custody 1141

Sample Receipt Checklist 1144

CASE NARRATIVE

Client: Environmental Compliance & Control Inc

Project: Bridge Cleaners

Report Number: 460-255692-1

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

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

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

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

RECEIPT

The samples were received on 4/5/2022 6:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.5º C, 2.4º C and 2.8º C.

Receipt Exceptions

4 HCL preserved vials received for the following sample instead of 2.

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

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples SB-8 (0-5) (460-255692-1), SB-8 (8-8.5) (460-255692-2), SB-11 (4-4.5) (460-255692-3), SB-11 (9.5-10) (460-255692-4), SB-14 (4-5) (460-255692-5), SB-14 (6-10) (460-255692-6), SB-15 (3-5) (460-255692-7), SB-15 (12-13) (460-255692-8), DUP (460-255692-9), SB-9 (4-5) (460-255692-10), SB-9 (7-7.5) (460-255692-11), SB-12 (0-5) (460-255692-12), SB-12 (7-8) (460-255692-13), SB-12 (15-15.5) (460-255692-14), SB-10 (2.5-5) (460-255692-15), SB-10 (7-7.5) (460-255692-16), SB-10 (15-15.5) (460-255692-17), SB-13 (2-2.5) (460-255692-18), SB-13 (7-7.5) (460-255692-19), SB-16 (3-5) (460-255692-20) and SB-16 (7-7.5) (460-255692-21) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were prepared on 04/06/2022 and analyzed on 04/08/2022 and 04/09/2022.

The continuing calibration verification (CCV) analyzed in batch 460-838140 was outside the method criteria for the following analytes: Trichlorofluoromethane, 1,1-Dichloroethene, 1,1,2-Trichloro-1,2,2-trifluoroethane and Methyl acetate (biased high) and n-Butylbenzene (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The continuing calibration verification (CCV) associated with batch 460-838227 recovered above the upper control limit for 1,1-Dichloroethene and Freon TF. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) for analytical batch 460-838140 recovered outside control limits for the following analytes: 1,1-Dichloroethene and 1,1,2-Trichloro-1,2,2-trifluoroethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

1,1,2-Trichloro-1,2,2-trifluoroethane and 1,1-Dichloroethene failed the recovery criteria high for LCS 460-838140/3. Refer to the QC report for details.

Internal standard (ISTD) response for 1,4-DIoxane-d8 for the following samples in analytical batch 460-838140 was outside acceptance criteria: SB-8 (8-8.5) (460-255692-2), SB-11 (4-4.5) (460-255692-3), SB-11 (9.5-10) (460-255692-4), SB-14 (6-10) (460-255692-6), SB-15 (12-13) (460-255692-8), SB-12 (7-8) (460-255692-13), SB-12 (15-15.5) (460-255692-14), SB-10 (2.5-5) (460-255692-15), SB-10 (15-15.5) (460-255692-17), SB-13 (2-2.5) (460-255692-18) and SB-16 (3-5) (460-255692-20). This ISTD does not correspond to any of

the requested target compounds reported from this analytical batch; therefore, the data have been reported.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples TB (460-255692-22) and FB (460-255692-23) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 04/08/2022.

No difficulties were encountered during the Volatiles analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples SB-8 (0-5) (460-255692-1), SB-8 (8-8.5) (460-255692-2), SB-11 (4-4.5) (460-255692-3), SB-11 (9.5-10) (460-255692-4), SB-14 (4-5) (460-255692-5), SB-14 (6-10) (460-255692-6), SB-15 (3-5) (460-255692-7), SB-15 (12-13) (460-255692-8), DUP (460-255692-9), SB-9 (4-5) (460-255692-10), SB-9 (7-7.5) (460-255692-11), SB-12 (0-5) (460-255692-12), SB-12 (7-8) (460-255692-13), SB-12 (15-15.5) (460-255692-14), SB-10 (2.5-5) (460-255692-15), SB-10 (7-7.5) (460-255692-16), SB-10 (15-15.5) (460-255692-17), SB-13 (2-2.5) (460-255692-18), SB-13 (7-7.5) (460-255692-19), SB-16 (3-5) (460-255692-20) and SB-16 (7-7.5) (460-255692-21) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 04/06/2022.

Percent Moisture exceeded the RPD limit for the duplicate of sample 460-255715-15. Refer to the QC report for details.

No other difficulties were encountered during the %solids/moisture analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: Environmental Compliance & Control Inc
Job ID: 460-255692-1
Project/Site: Bridge Cleaners

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-255692-1	SB-8 (0-5)	Solid	04/05/22 09:10	04/05/22 18:00
460-255692-2	SB-8 (8-8.5)	Solid	04/05/22 09:20	04/05/22 18:00
460-255692-3	SB-11 (4-4.5)	Solid	04/05/22 09:40	04/05/22 18:00
460-255692-4	SB-11 (9.5-10)	Solid	04/05/22 09:45	04/05/22 18:00
460-255692-5	SB-14 (4-5)	Solid	04/05/22 10:00	04/05/22 18:00
460-255692-6	SB-14 (6-10)	Solid	04/05/22 10:10	04/05/22 18:00
460-255692-7	SB-15 (3-5)	Solid	04/05/22 10:45	04/05/22 18:00
460-255692-8	SB-15 (12-13)	Solid	04/05/22 11:00	04/05/22 18:00
460-255692-9	DUP	Solid	04/05/22 00:00	04/05/22 18:00
460-255692-10	SB-9 (4-5)	Solid	04/05/22 11:15	04/05/22 18:00
460-255692-11	SB-9 (7-7.5)	Solid	04/05/22 11:20	04/05/22 18:00
460-255692-12	SB-12 (0-5)	Solid	04/05/22 12:00	04/05/22 18:00
460-255692-13	SB-12 (7-8)	Solid	04/05/22 11:50	04/05/22 18:00
460-255692-14	SB-12 (15-15.5)	Solid	04/05/22 12:05	04/05/22 18:00
460-255692-15	SB-10 (2.5-5)	Solid	04/05/22 12:30	04/05/22 18:00
460-255692-16	SB-10 (7-7.5)	Solid	04/05/22 12:35	04/05/22 18:00
460-255692-17	SB-10 (15-15.5)	Solid	04/05/22 12:40	04/05/22 18:00
460-255692-18	SB-13 (2-2.5)	Solid	04/05/22 12:55	04/05/22 18:00
460-255692-19	SB-13 (7-7.5)	Solid	04/05/22 13:00	04/05/22 18:00
460-255692-20	SB-16 (3-5)	Solid	04/05/22 13:20	04/05/22 18:00
460-255692-21	SB-16 (7-7.5)	Solid	04/05/22 13:25	04/05/22 18:00
460-255692-22	TB	Water	04/05/22 00:00	04/05/22 18:00
460-255692-23	FB	Water	04/05/22 08:10	04/05/22 18:00

Detection Summary

Client: Environmental Compliance & Control Inc
Project/Site: Bridge Cleaners

Job ID: 460-255692-1

Client Sample ID: SB-8 (0-5) — Lab Sample ID: 460-255692-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.015		0.0080	0.0076	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.012		0.0013	0.00041	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.0013		0.0013	0.00031	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SB-8 (8-8.5) — Lab Sample ID: 460-255692-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0090		0.0083	0.0079	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SB-11 (4-4.5) — Lab Sample ID: 460-255692-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0088	J	0.0091	0.0087	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SB-11 (9.5-10) — Lab Sample ID: 460-255692-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.018		0.0076	0.0072	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SB-14 (4-5) — Lab Sample ID: 460-255692-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.019		0.0062	0.0060	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00027	J	0.0010	0.00018	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.00021	J	0.0010	0.00020	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.0016		0.0010	0.00032	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00039	J	0.0010	0.00024	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SB-14 (6-10) — Lab Sample ID: 460-255692-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.032		0.0064	0.0061	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SB-15 (3-5) — Lab Sample ID: 460-255692-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0083		0.0057	0.0054	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.00065	J	0.00095	0.00029	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SB-15 (12-13) — Lab Sample ID: 460-255692-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.041		0.011	0.011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: DUP — Lab Sample ID: 460-255692-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0078		0.0066	0.0063	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.0048		0.0011	0.00034	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SB-9 (4-5) — Lab Sample ID: 460-255692-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.030		0.0081	0.0077	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Environmental Compliance & Control Inc
Project/Site: Bridge Cleaners

Job ID: 460-255692-1

Client Sample ID: SB-9 (7-7.5) — Lab Sample ID: 460-255692-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.033		0.0077	0.0073	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SB-12 (0-5) — Lab Sample ID: 460-255692-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.012		0.0092	0.0088	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00028	J	0.0015	0.00027	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.00034	J	0.0015	0.00030	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.016		0.0015	0.00047	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SB-12 (7-8) — Lab Sample ID: 460-255692-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.015		0.0059	0.0057	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.00077	J	0.00099	0.00030	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SB-12 (15-15.5) — Lab Sample ID: 460-255692-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.035		0.0067	0.0063	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00020	J	0.0011	0.00019	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SB-10 (2.5-5) — Lab Sample ID: 460-255692-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.033		0.0075	0.0071	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.024		0.0012	0.00038	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SB-10 (7-7.5) — Lab Sample ID: 460-255692-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.049		0.0075	0.0072	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.00080	J	0.0013	0.00038	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SB-10 (15-15.5) — Lab Sample ID: 460-255692-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.051		0.0082	0.0078	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.00092	J	0.0014	0.00042	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SB-13 (2-2.5) — Lab Sample ID: 460-255692-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.016		0.0072	0.0069	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.023		0.0012	0.00037	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00040	J	0.0012	0.00028	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SB-13 (7-7.5) — Lab Sample ID: 460-255692-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0082		0.0064	0.0061	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.00048	J	0.0011	0.00033	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Environmental Compliance & Control Inc
Job ID: 460-255692-1
Project/Site: Bridge Cleaners

Client Sample ID: SB-16 (3-5)
Lab Sample ID: 460-255692-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.017		0.0065	0.0062	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.0028		0.0011	0.00033	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SB-16 (7-7.5)
Lab Sample ID: 460-255692-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.050		0.0093	0.0088	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: TB
Lab Sample ID: 460-255692-22

No Detections.

Client Sample ID: FB
Lab Sample ID: 460-255692-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.7	J	5.0	4.4	ug/L	1		8260D	Total/NA
Methylene Chloride	2.7		1.0	0.32	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Environmental Compliance & Control Inc
Job ID: 460-255692-1
Project/Site: Bridge Cleaners

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
Moisture	Percent Moisture	EPA	TAL EDI
5030C	Purge and Trap	SW846	TAL EDI
5035	Closed System Purge and Trap	SW846	TAL EDI

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

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

Client Sample ID: SB-8 (0-5)
Date Collected: 04/05/22 09:10
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-1
Matrix: Solid
Percent Solids: 94.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00031	U	0.0013	0.00031	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,1,2,2-Tetrachloroethane	0.00028	U	0.0013	0.00028	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00040	U *+	0.0013	0.00040	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,1,2-Trichloroethane	0.00024	U	0.0013	0.00024	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,1-Dichloroethane	0.00027	U	0.0013	0.00027	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,1-Dichloroethene	0.00030	U *+	0.0013	0.00030	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,2,3-Trichlorobenzene	0.00024	U	0.0013	0.00024	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,2,4-Trichlorobenzene	0.00048	U	0.0013	0.00048	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,2,4-Trimethylbenzene	0.00033	U	0.0013	0.00033	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,2-Dibromo-3-Chloropropane	0.00061	U	0.0013	0.00061	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,2-Dichlorobenzene	0.00048	U	0.0013	0.00048	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,2-Dichloroethane	0.00039	U	0.0013	0.00039	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,2-Dichloropropane	0.00056	U	0.0013	0.00056	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,3,5-Trimethylbenzene	0.00042	U	0.0013	0.00042	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,3-Dichlorobenzene	0.00048	U	0.0013	0.00048	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
1,4-Dichlorobenzene	0.00030	U	0.0013	0.00030	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
2-Butanone (MEK)	0.00049	U	0.0066	0.00049	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
2-Hexanone	0.0023	U	0.0066	0.0023	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
4-Methyl-2-pentanone (MIBK)	0.0021	U	0.0066	0.0021	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Acetone	**0.015**		0.0080	0.0076	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Benzene	0.00034	U	0.0013	0.00034	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Bromoform	0.00056	U	0.0013	0.00056	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Bromomethane	0.0013	U	0.0027	0.0013	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Carbon disulfide	0.00035	U	0.0013	0.00035	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Carbon tetrachloride	0.00051	U	0.0013	0.00051	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Chlorobenzene	0.00024	U	0.0013	0.00024	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Chlorobromomethane	0.00037	U	0.0013	0.00037	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Chlorodibromomethane	0.00026	U	0.0013	0.00026	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Chloroethane	0.00069	U	0.0013	0.00069	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Chloromethane	0.00058	U	0.0013	0.00058	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
cis-1,2-Dichloroethene	0.00048	U	0.0013	0.00048	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
cis-1,3-Dichloropropene	0.00036	U	0.0013	0.00036	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Cyclohexane	0.00029	U	0.0013	0.00029	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Dichlorobromomethane	0.00034	U	0.0013	0.00034	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Dichlorodifluoromethane	0.00045	U	0.0013	0.00045	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Ethylbenzene	0.00026	U	0.0013	0.00026	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Ethylene Dibromide	0.00024	U	0.0013	0.00024	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Isopropylbenzene	0.00038	U	0.0013	0.00038	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Methyl acetate	0.0057	U	0.0066	0.0057	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Methyl tert-butyl ether	0.00068	U	0.0013	0.00068	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Methylcyclohexane	0.00066	U	0.0013	0.00066	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Methylene Chloride	0.0015	U	0.0027	0.0015	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
m-Xylene & p-Xylene	0.00023	U	0.0013	0.00023	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
n-Butylbenzene	0.00039	U	0.0013	0.00039	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
N-Propylbenzene	0.00023	U	0.0013	0.00023	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
o-Xylene	0.00026	U	0.0013	0.00026	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
sec-Butylbenzene	0.00038	U	0.0013	0.00038	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Styrene	0.00037	U	0.0013	0.00037	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1

Client Sample ID: SB-8 (0-5)
Lab Sample ID: 460-255692-1

Date Collected: 04/05/22 09:10
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 94.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00037	U	0.0013	0.00037	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Tetrachloroethene	**0.012**		0.0013	0.00041	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Toluene	**0.0013**		0.0013	0.00031	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
trans-1,2-Dichloroethene	0.00033	U	0.0013	0.00033	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
trans-1,3-Dichloropropene	0.00035	U	0.0013	0.00035	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Trichloroethene	0.00043	U	0.0013	0.00043	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Trichlorofluoromethane	0.00054	U	0.0013	0.00054	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Vinyl chloride	0.00073	U	0.0013	0.00073	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1
Xylenes, Total	0.00085	U	0.0027	0.00085	mg/Kg	☼	04/06/22 11:45	04/08/22 19:23	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 11:45*	*04/08/22 19:23*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 145*	*04/06/22 11:45*	*04/08/22 19:23*	*1*
4-Bromofluorobenzene	*95*		*70 - 139*	*04/06/22 11:45*	*04/08/22 19:23*	*1*
Dibromofluoromethane (Surr)	*106*		*48 - 150*	*04/06/22 11:45*	*04/08/22 19:23*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*04/06/22 11:45*	*04/08/22 19:23*	*1*

Client Sample ID: SB-8 (8-8.5)
Lab Sample ID: 460-255692-2

Date Collected: 04/05/22 09:20
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 96.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00032	U	0.0014	0.00032	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,1,2,2-Tetrachloroethane	0.00030	U	0.0014	0.00030	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00042	U *+	0.0014	0.00042	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,1,2-Trichloroethane	0.00025	U	0.0014	0.00025	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,1-Dichloroethane	0.00029	U	0.0014	0.00029	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,1-Dichloroethene	0.00031	U *+	0.0014	0.00031	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,2,3-Trichlorobenzene	0.00025	U	0.0014	0.00025	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,2,4-Trichlorobenzene	0.00050	U	0.0014	0.00050	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,2,4-Trimethylbenzene	0.00034	U	0.0014	0.00034	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,2-Dibromo-3-Chloropropane	0.00064	U	0.0014	0.00064	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,2-Dichlorobenzene	0.00050	U	0.0014	0.00050	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,2-Dichloroethane	0.00041	U	0.0014	0.00041	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,2-Dichloropropane	0.00059	U	0.0014	0.00059	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,3,5-Trimethylbenzene	0.00043	U	0.0014	0.00043	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,3-Dichlorobenzene	0.00051	U	0.0014	0.00051	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
1,4-Dichlorobenzene	0.00031	U	0.0014	0.00031	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
2-Butanone (MEK)	0.00051	U	0.0069	0.00051	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
2-Hexanone	0.0024	U	0.0069	0.0024	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
4-Methyl-2-pentanone (MIBK)	0.0022	U	0.0069	0.0022	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Acetone	**0.0090**		0.0083	0.0079	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Benzene	0.00036	U	0.0014	0.00036	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Bromoform	0.00059	U	0.0014	0.00059	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Bromomethane	0.0014	U	0.0028	0.0014	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Carbon disulfide	0.00037	U	0.0014	0.00037	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Carbon tetrachloride	0.00054	U	0.0014	0.00054	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1

Client Sample ID: SB-8 (8-8.5)
Lab Sample ID: 460-255692-2

Date Collected: 04/05/22 09:20
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 96.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.00025	U	0.0014	0.00025	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Chlorobromomethane	0.00039	U	0.0014	0.00039	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Chlorodibromomethane	0.00027	U	0.0014	0.00027	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Chloroethane	0.00072	U	0.0014	0.00072	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Chloroform	0.0013	U	0.0014	0.0013	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Chloromethane	0.00060	U	0.0014	0.00060	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
cis-1,2-Dichloroethene	0.00050	U	0.0014	0.00050	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
cis-1,3-Dichloropropene	0.00038	U	0.0014	0.00038	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Cyclohexane	0.00031	U	0.0014	0.00031	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Dichlorobromomethane	0.00036	U	0.0014	0.00036	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Dichlorodifluoromethane	0.00047	U	0.0014	0.00047	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Ethylbenzene	0.00028	U	0.0014	0.00028	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Ethylene Dibromide	0.00025	U	0.0014	0.00025	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Isopropylbenzene	0.00039	U	0.0014	0.00039	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Methyl acetate	0.0060	U	0.0069	0.0060	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Methyl tert-butyl ether	0.00071	U	0.0014	0.00071	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Methylcyclohexane	0.00069	U	0.0014	0.00069	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Methylene Chloride	0.0016	U	0.0028	0.0016	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
m-Xylene & p-Xylene	0.00024	U	0.0014	0.00024	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
n-Butylbenzene	0.00041	U	0.0014	0.00041	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
N-Propylbenzene	0.00024	U	0.0014	0.00024	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
o-Xylene	0.00027	U	0.0014	0.00027	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
sec-Butylbenzene	0.00040	U	0.0014	0.00040	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Styrene	0.00038	U	0.0014	0.00038	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
tert-Butylbenzene	0.00038	U	0.0014	0.00038	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Tetrachloroethene	0.00042	U	0.0014	0.00042	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Toluene	0.00032	U	0.0014	0.00032	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
trans-1,2-Dichloroethene	0.00034	U	0.0014	0.00034	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
trans-1,3-Dichloropropene	0.00037	U	0.0014	0.00037	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Trichloroethene	0.00044	U	0.0014	0.00044	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Trichlorofluoromethane	0.00056	U	0.0014	0.00056	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Vinyl chloride	0.00076	U	0.0014	0.00076	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1
Xylenes, Total	0.00089	U	0.0028	0.00089	mg/Kg	☼	04/06/22 11:47	04/08/22 19:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 11:47*	*04/08/22 19:46*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 145*	*04/06/22 11:47*	*04/08/22 19:46*	*1*
4-Bromofluorobenzene	*92*		*70 - 139*	*04/06/22 11:47*	*04/08/22 19:46*	*1*
Dibromofluoromethane (Surr)	*102*		*48 - 150*	*04/06/22 11:47*	*04/08/22 19:46*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*04/06/22 11:47*	*04/08/22 19:46*	*1*

Client Sample ID: SB-11 (4-4.5)
Lab Sample ID: 460-255692-3

Date Collected: 04/05/22 09:40
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00035	U	0.0015	0.00035	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1

Client Sample ID: SB-11 (4-4.5)
Date Collected: 04/05/22 09:40
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-3
Matrix: Solid
Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.00033	U	0.0015	0.00033	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00046	U *+	0.0015	0.00046	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,1,2-Trichloroethane	0.00027	U	0.0015	0.00027	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,1-Dichloroethane	0.00031	U	0.0015	0.00031	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,1-Dichloroethene	0.00034	U *+	0.0015	0.00034	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,2,3-Trichlorobenzene	0.00028	U	0.0015	0.00028	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,2,4-Trichlorobenzene	0.00054	U	0.0015	0.00054	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,2,4-Trimethylbenzene	0.00037	U	0.0015	0.00037	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,2-Dibromo-3-Chloropropane	0.00070	U	0.0015	0.00070	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,2-Dichlorobenzene	0.00055	U	0.0015	0.00055	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,2-Dichloroethane	0.00045	U	0.0015	0.00045	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,2-Dichloropropane	0.00064	U	0.0015	0.00064	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,3,5-Trimethylbenzene	0.00048	U	0.0015	0.00048	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,3-Dichlorobenzene	0.00056	U	0.0015	0.00056	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
1,4-Dichlorobenzene	0.00034	U	0.0015	0.00034	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
2-Butanone (MEK)	0.00056	U	0.0076	0.00056	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
2-Hexanone	0.0026	U	0.0076	0.0026	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
4-Methyl-2-pentanone (MIBK)	0.0024	U	0.0076	0.0024	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Acetone	**0.0088**	**J**	0.0091	0.0087	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Benzene	0.00039	U	0.0015	0.00039	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Bromoform	0.00065	U	0.0015	0.00065	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Bromomethane	0.0015	U	0.0030	0.0015	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Carbon disulfide	0.00040	U	0.0015	0.00040	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Carbon tetrachloride	0.00059	U	0.0015	0.00059	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Chlorobenzene	0.00027	U	0.0015	0.00027	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Chlorobromomethane	0.00043	U	0.0015	0.00043	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Chlorodibromomethane	0.00030	U	0.0015	0.00030	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Chloroethane	0.00079	U	0.0015	0.00079	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Chloroform	0.0015	U	0.0015	0.0015	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Chloromethane	0.00066	U	0.0015	0.00066	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
cis-1,2-Dichloroethene	0.00054	U	0.0015	0.00054	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
cis-1,3-Dichloropropene	0.00042	U	0.0015	0.00042	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Cyclohexane	0.00034	U	0.0015	0.00034	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Dichlorobromomethane	0.00039	U	0.0015	0.00039	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Dichlorodifluoromethane	0.00051	U	0.0015	0.00051	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Ethylbenzene	0.00030	U	0.0015	0.00030	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Ethylene Dibromide	0.00027	U	0.0015	0.00027	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Isopropylbenzene	0.00043	U	0.0015	0.00043	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Methyl acetate	0.0065	U	0.0076	0.0065	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Methyl tert-butyl ether	0.00078	U	0.0015	0.00078	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Methylcyclohexane	0.00076	U	0.0015	0.00076	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Methylene Chloride	0.0017	U	0.0030	0.0017	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
m-Xylene & p-Xylene	0.00026	U	0.0015	0.00026	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
n-Butylbenzene	0.00045	U	0.0015	0.00045	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
N-Propylbenzene	0.00027	U	0.0015	0.00027	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
o-Xylene	0.00030	U	0.0015	0.00030	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
sec-Butylbenzene	0.00044	U	0.0015	0.00044	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Styrene	0.00042	U	0.0015	0.00042	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
tert-Butylbenzene	0.00042	U	0.0015	0.00042	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1

Client Sample ID: SB-11 (4-4.5)
Lab Sample ID: 460-255692-3

Date Collected: 04/05/22 09:40
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.00046	U	0.0015	0.00046	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Toluene	0.00036	U	0.0015	0.00036	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
trans-1,2-Dichloroethene	0.00037	U	0.0015	0.00037	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
trans-1,3-Dichloropropene	0.00040	U	0.0015	0.00040	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Trichloroethene	0.00049	U	0.0015	0.00049	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Trichlorofluoromethane	0.00062	U	0.0015	0.00062	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Vinyl chloride	0.00083	U	0.0015	0.00083	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1
Xylenes, Total	0.00098	U	0.0030	0.00098	mg/Kg	☼	04/06/22 11:48	04/08/22 20:09	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 11:48*	*04/08/22 20:09*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 145*	*04/06/22 11:48*	*04/08/22 20:09*	*1*
4-Bromofluorobenzene	*96*		*70 - 139*	*04/06/22 11:48*	*04/08/22 20:09*	*1*
Dibromofluoromethane (Surr)	*105*		*48 - 150*	*04/06/22 11:48*	*04/08/22 20:09*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*04/06/22 11:48*	*04/08/22 20:09*	*1*

Client Sample ID: SB-11 (9.5-10)
Lab Sample ID: 460-255692-4

Date Collected: 04/05/22 09:45
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 98.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00029	U	0.0013	0.00029	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,1,2,2-Tetrachloroethane	0.00027	U	0.0013	0.00027	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00038	U *+	0.0013	0.00038	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,1,2-Trichloroethane	0.00022	U	0.0013	0.00022	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,1-Dichloroethane	0.00026	U	0.0013	0.00026	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,1-Dichloroethene	0.00028	U *+	0.0013	0.00028	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,2,3-Trichlorobenzene	0.00023	U	0.0013	0.00023	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,2,4-Trichlorobenzene	0.00045	U	0.0013	0.00045	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,2,4-Trimethylbenzene	0.00031	U	0.0013	0.00031	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,2-Dibromo-3-Chloropropane	0.00058	U	0.0013	0.00058	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,2-Dichlorobenzene	0.00046	U	0.0013	0.00046	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,2-Dichloroethane	0.00037	U	0.0013	0.00037	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,2-Dichloropropane	0.00053	U	0.0013	0.00053	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,3,5-Trimethylbenzene	0.00040	U	0.0013	0.00040	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,3-Dichlorobenzene	0.00046	U	0.0013	0.00046	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
1,4-Dichlorobenzene	0.00028	U	0.0013	0.00028	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
2-Butanone (MEK)	0.00047	U	0.0063	0.00047	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
2-Hexanone	0.0022	U	0.0063	0.0022	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
4-Methyl-2-pentanone (MIBK)	0.0020	U	0.0063	0.0020	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Acetone	**0.018**		0.0076	0.0072	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Benzene	0.00033	U	0.0013	0.00033	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Bromoform	0.00054	U	0.0013	0.00054	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Bromomethane	0.0013	U	0.0025	0.0013	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Carbon disulfide	0.00034	U	0.0013	0.00034	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Carbon tetrachloride	0.00049	U	0.0013	0.00049	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Chlorobenzene	0.00022	U	0.0013	0.00022	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1

Client Sample ID: SB-11 (9.5-10)
Lab Sample ID: 460-255692-4

Date Collected: 04/05/22 09:45
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 98.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.00036	U	0.0013	0.00036	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Chlorodibromomethane	0.00025	U	0.0013	0.00025	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Chloroethane	0.00066	U	0.0013	0.00066	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Chloroform	0.0012	U	0.0013	0.0012	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Chloromethane	0.00055	U	0.0013	0.00055	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
cis-1,2-Dichloroethene	0.00045	U	0.0013	0.00045	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
cis-1,3-Dichloropropene	0.00035	U	0.0013	0.00035	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Cyclohexane	0.00028	U	0.0013	0.00028	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Dichlorobromomethane	0.00032	U	0.0013	0.00032	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Dichlorodifluoromethane	0.00043	U	0.0013	0.00043	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Ethylbenzene	0.00025	U	0.0013	0.00025	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Ethylene Dibromide	0.00023	U	0.0013	0.00023	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Isopropylbenzene	0.00036	U	0.0013	0.00036	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Methyl acetate	0.0054	U	0.0063	0.0054	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Methyl tert-butyl ether	0.00065	U	0.0013	0.00065	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Methylcyclohexane	0.00063	U	0.0013	0.00063	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Methylene Chloride	0.0014	U	0.0025	0.0014	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
m-Xylene & p-Xylene	0.00022	U	0.0013	0.00022	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
n-Butylbenzene	0.00037	U	0.0013	0.00037	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
N-Propylbenzene	0.00022	U	0.0013	0.00022	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
o-Xylene	0.00025	U	0.0013	0.00025	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
sec-Butylbenzene	0.00036	U	0.0013	0.00036	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Styrene	0.00035	U	0.0013	0.00035	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
tert-Butylbenzene	0.00035	U	0.0013	0.00035	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Tetrachloroethene	0.00039	U	0.0013	0.00039	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Toluene	0.00030	U	0.0013	0.00030	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
trans-1,2-Dichloroethene	0.00031	U	0.0013	0.00031	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
trans-1,3-Dichloropropene	0.00034	U	0.0013	0.00034	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Trichloroethene	0.00041	U	0.0013	0.00041	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Trichlorofluoromethane	0.00051	U	0.0013	0.00051	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Vinyl chloride	0.00069	U	0.0013	0.00069	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1
Xylenes, Total	0.00081	U	0.0025	0.00081	mg/Kg	☼	04/06/22 11:49	04/08/22 20:31	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 11:49*	*04/08/22 20:31*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 145*	*04/06/22 11:49*	*04/08/22 20:31*	*1*
4-Bromofluorobenzene	*94*		*70 - 139*	*04/06/22 11:49*	*04/08/22 20:31*	*1*
Dibromofluoromethane (Surr)	*105*		*48 - 150*	*04/06/22 11:49*	*04/08/22 20:31*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*04/06/22 11:49*	*04/08/22 20:31*	*1*

Client Sample ID: SB-14 (4-5)
Lab Sample ID: 460-255692-5

Date Collected: 04/05/22 10:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00024	U	0.0010	0.00024	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,1,2,2-Tetrachloroethane	0.00022	U	0.0010	0.00022	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1

Client Sample ID: SB-14 (4-5)
Date Collected: 04/05/22 10:00
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-5
Matrix: Solid
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00031	U *+	0.0010	0.00031	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,1,2-Trichloroethane	0.00019	U	0.0010	0.00019	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,1-Dichloroethene	0.00023	U *+	0.0010	0.00023	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,2,3-Trichlorobenzene	0.00019	U	0.0010	0.00019	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,2,4-Trichlorobenzene	0.00037	U	0.0010	0.00037	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,2,4-Trimethylbenzene	0.00026	U	0.0010	0.00026	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,2-Dibromo-3-Chloropropane	0.00048	U	0.0010	0.00048	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,2-Dichlorobenzene	0.00038	U	0.0010	0.00038	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,2-Dichloroethane	0.00031	U	0.0010	0.00031	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,2-Dichloropropane	0.00044	U	0.0010	0.00044	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,3,5-Trimethylbenzene	0.00033	U	0.0010	0.00033	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,3-Dichlorobenzene	0.00038	U	0.0010	0.00038	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
2-Butanone (MEK)	0.00038	U	0.0052	0.00038	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
2-Hexanone	0.0018	U	0.0052	0.0018	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0052	0.0016	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Acetone	**0.019**		0.0062	0.0060	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Benzene	0.00027	U	0.0010	0.00027	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Bromoform	0.00044	U	0.0010	0.00044	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Bromomethane	0.0010	U	0.0021	0.0010	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Carbon disulfide	0.00028	U	0.0010	0.00028	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Carbon tetrachloride	0.00040	U	0.0010	0.00040	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Chlorobromomethane	0.00029	U	0.0010	0.00029	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Chlorodibromomethane	0.00020	U	0.0010	0.00020	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Chloroethane	0.00054	U	0.0010	0.00054	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Chloromethane	0.00045	U	0.0010	0.00045	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
cis-1,2-Dichloroethene	0.00037	U	0.0010	0.00037	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
cis-1,3-Dichloropropene	0.00028	U	0.0010	0.00028	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Cyclohexane	0.00023	U	0.0010	0.00023	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Dichlorobromomethane	0.00027	U	0.0010	0.00027	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Dichlorodifluoromethane	0.00035	U	0.0010	0.00035	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Ethylbenzene	0.00021	U	0.0010	0.00021	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Ethylene Dibromide	0.00019	U	0.0010	0.00019	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Isopropylbenzene	0.00030	U	0.0010	0.00030	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Methyl acetate	0.0045	U	0.0052	0.0045	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Methyl tert-butyl ether	0.00053	U	0.0010	0.00053	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Methylcyclohexane	0.00052	U	0.0010	0.00052	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Methylene Chloride	0.0012	U	0.0021	0.0012	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
m-Xylene & p-Xylene	**0.00027**	**J**	0.0010	0.00018	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
n-Butylbenzene	0.00031	U	0.0010	0.00031	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
N-Propylbenzene	0.00018	U	0.0010	0.00018	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
o-Xylene	**0.00021**	**J**	0.0010	0.00020	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
sec-Butylbenzene	0.00030	U	0.0010	0.00030	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Styrene	0.00029	U	0.0010	0.00029	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
tert-Butylbenzene	0.00029	U	0.0010	0.00029	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Tetrachloroethene	**0.0016**		0.0010	0.00032	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1

Client Sample ID: SB-14 (4-5)
Lab Sample ID: 460-255692-5

Date Collected: 04/05/22 10:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	**0.00039**	**J**	0.0010	0.00024	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
trans-1,2-Dichloroethene	0.00026	U	0.0010	0.00026	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
trans-1,3-Dichloropropene	0.00028	U	0.0010	0.00028	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Trichloroethene	0.00033	U	0.0010	0.00033	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Trichlorofluoromethane	0.00042	U	0.0010	0.00042	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Vinyl chloride	0.00057	U	0.0010	0.00057	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1
Xylenes, Total	0.00067	U	0.0021	0.00067	mg/Kg	☼	04/06/22 11:51	04/08/22 20:53	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 11:51*	*04/08/22 20:53*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 145*	*04/06/22 11:51*	*04/08/22 20:53*	*1*
4-Bromofluorobenzene	*95*		*70 - 139*	*04/06/22 11:51*	*04/08/22 20:53*	*1*
Dibromofluoromethane (Surr)	*105*		*48 - 150*	*04/06/22 11:51*	*04/08/22 20:53*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*04/06/22 11:51*	*04/08/22 20:53*	*1*

Client Sample ID: SB-14 (6-10)
Lab Sample ID: 460-255692-6

Date Collected: 04/05/22 10:10
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 90.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00025	U	0.0011	0.00025	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,1,2,2-Tetrachloroethane	0.00023	U	0.0011	0.00023	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00032	U *+	0.0011	0.00032	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,1,2-Trichloroethane	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,1-Dichloroethane	0.00022	U	0.0011	0.00022	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,1-Dichloroethene	0.00024	U *+	0.0011	0.00024	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,2,3-Trichlorobenzene	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,2,4-Trichlorobenzene	0.00038	U	0.0011	0.00038	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,2,4-Trimethylbenzene	0.00026	U	0.0011	0.00026	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,2-Dibromo-3-Chloropropane	0.00049	U	0.0011	0.00049	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,2-Dichlorobenzene	0.00038	U	0.0011	0.00038	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,2-Dichloroethane	0.00031	U	0.0011	0.00031	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,2-Dichloropropane	0.00045	U	0.0011	0.00045	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,3,5-Trimethylbenzene	0.00033	U	0.0011	0.00033	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,3-Dichlorobenzene	0.00039	U	0.0011	0.00039	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
1,4-Dichlorobenzene	0.00024	U	0.0011	0.00024	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
2-Butanone (MEK)	0.00039	U	0.0053	0.00039	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
2-Hexanone	0.0018	U	0.0053	0.0018	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0053	0.0016	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Acetone	**0.032**		0.0064	0.0061	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Benzene	0.00027	U	0.0011	0.00027	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Bromoform	0.00045	U	0.0011	0.00045	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Bromomethane	0.0011	U	0.0021	0.0011	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Carbon disulfide	0.00028	U	0.0011	0.00028	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Carbon tetrachloride	0.00041	U	0.0011	0.00041	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Chlorobenzene	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Chlorobromomethane	0.00030	U	0.0011	0.00030	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1

Client Sample ID: SB-14 (6-10)
Lab Sample ID: 460-255692-6

Date Collected: 04/05/22 10:10
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 90.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	0.00021	U	0.0011	0.00021	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Chloroethane	0.00055	U	0.0011	0.00055	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Chloroform	0.0010	U	0.0011	0.0010	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Chloromethane	0.00046	U	0.0011	0.00046	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
cis-1,2-Dichloroethene	0.00038	U	0.0011	0.00038	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
cis-1,3-Dichloropropene	0.00029	U	0.0011	0.00029	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Cyclohexane	0.00023	U	0.0011	0.00023	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Dichlorobromomethane	0.00027	U	0.0011	0.00027	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Dichlorodifluoromethane	0.00036	U	0.0011	0.00036	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Ethylbenzene	0.00021	U	0.0011	0.00021	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Ethylene Dibromide	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Isopropylbenzene	0.00030	U	0.0011	0.00030	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Methyl acetate	0.0046	U	0.0053	0.0046	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Methyl tert-butyl ether	0.00054	U	0.0011	0.00054	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Methylcyclohexane	0.00053	U	0.0011	0.00053	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Methylene Chloride	0.0012	U	0.0021	0.0012	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
m-Xylene & p-Xylene	0.00018	U	0.0011	0.00018	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
n-Butylbenzene	0.00031	U	0.0011	0.00031	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
N-Propylbenzene	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
o-Xylene	0.00021	U	0.0011	0.00021	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
sec-Butylbenzene	0.00031	U	0.0011	0.00031	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Styrene	0.00029	U	0.0011	0.00029	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
tert-Butylbenzene	0.00029	U	0.0011	0.00029	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Tetrachloroethene	0.00032	U	0.0011	0.00032	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Toluene	0.00025	U	0.0011	0.00025	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
trans-1,2-Dichloroethene	0.00026	U	0.0011	0.00026	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
trans-1,3-Dichloropropene	0.00028	U	0.0011	0.00028	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Trichloroethene	0.00034	U	0.0011	0.00034	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Trichlorofluoromethane	0.00043	U	0.0011	0.00043	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Vinyl chloride	0.00058	U	0.0011	0.00058	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1
Xylenes, Total	0.00068	U	0.0021	0.00068	mg/Kg	☼	04/06/22 11:52	04/08/22 21:15	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 11:52*	*04/08/22 21:15*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 145*	*04/06/22 11:52*	*04/08/22 21:15*	*1*
4-Bromofluorobenzene	*97*		*70 - 139*	*04/06/22 11:52*	*04/08/22 21:15*	*1*
Dibromofluoromethane (Surr)	*105*		*48 - 150*	*04/06/22 11:52*	*04/08/22 21:15*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*04/06/22 11:52*	*04/08/22 21:15*	*1*

Client Sample ID: SB-15 (3-5)
Lab Sample ID: 460-255692-7

Date Collected: 04/05/22 10:45
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00022	U	0.00095	0.00022	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,1,2,2-Tetrachloroethane	0.00020	U	0.00095	0.00020	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00029	U *+	0.00095	0.00029	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1

Client Sample ID: SB-15 (3-5)
Date Collected: 04/05/22 10:45
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-7
Matrix: Solid
Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.00017	U	0.00095	0.00017	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,1-Dichloroethane	0.00020	U	0.00095	0.00020	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,1-Dichloroethene	0.00021	U *+	0.00095	0.00021	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,2,3-Trichlorobenzene	0.00017	U	0.00095	0.00017	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,2,4-Trichlorobenzene	0.00034	U	0.00095	0.00034	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,2,4-Trimethylbenzene	0.00023	U	0.00095	0.00023	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,2-Dibromo-3-Chloropropane	0.00044	U	0.00095	0.00044	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,2-Dichlorobenzene	0.00034	U	0.00095	0.00034	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,2-Dichloroethane	0.00028	U	0.00095	0.00028	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,2-Dichloropropane	0.00040	U	0.00095	0.00040	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,3,5-Trimethylbenzene	0.00030	U	0.00095	0.00030	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,3-Dichlorobenzene	0.00035	U	0.00095	0.00035	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
1,4-Dichlorobenzene	0.00021	U	0.00095	0.00021	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
2-Butanone (MEK)	0.00035	U	0.0048	0.00035	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
2-Hexanone	0.0016	U	0.0048	0.0016	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
4-Methyl-2-pentanone (MIBK)	0.0015	U	0.0048	0.0015	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Acetone	**0.0083**		0.0057	0.0054	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Benzene	0.00025	U	0.00095	0.00025	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Bromoform	0.00040	U	0.00095	0.00040	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Bromomethane	0.00095	U	0.0019	0.00095	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Carbon disulfide	0.00025	U	0.00095	0.00025	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Carbon tetrachloride	0.00037	U	0.00095	0.00037	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Chlorobenzene	0.00017	U	0.00095	0.00017	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Chlorobromomethane	0.00027	U	0.00095	0.00027	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Chlorodibromomethane	0.00018	U	0.00095	0.00018	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Chloroethane	0.00050	U	0.00095	0.00050	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Chloroform	0.00092	U	0.00095	0.00092	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Chloromethane	0.00041	U	0.00095	0.00041	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
cis-1,2-Dichloroethene	0.00034	U	0.00095	0.00034	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
cis-1,3-Dichloropropene	0.00026	U	0.00095	0.00026	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Cyclohexane	0.00021	U	0.00095	0.00021	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Dichlorobromomethane	0.00024	U	0.00095	0.00024	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Dichlorodifluoromethane	0.00032	U	0.00095	0.00032	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Ethylbenzene	0.00019	U	0.00095	0.00019	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Ethylene Dibromide	0.00017	U	0.00095	0.00017	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Isopropylbenzene	0.00027	U	0.00095	0.00027	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Methyl acetate	0.0041	U	0.0048	0.0041	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Methyl tert-butyl ether	0.00049	U	0.00095	0.00049	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Methylcyclohexane	0.00048	U	0.00095	0.00048	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Methylene Chloride	0.0011	U	0.0019	0.0011	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
m-Xylene & p-Xylene	0.00017	U	0.00095	0.00017	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
n-Butylbenzene	0.00028	U	0.00095	0.00028	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
N-Propylbenzene	0.00017	U	0.00095	0.00017	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
o-Xylene	0.00018	U	0.00095	0.00018	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
sec-Butylbenzene	0.00027	U	0.00095	0.00027	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Styrene	0.00026	U	0.00095	0.00026	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
tert-Butylbenzene	0.00026	U	0.00095	0.00026	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Tetrachloroethene	**0.00065**	**J**	0.00095	0.00029	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Toluene	0.00022	U	0.00095	0.00022	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1

Client Sample ID: SB-15 (3-5)
Lab Sample ID: 460-255692-7

Date Collected: 04/05/22 10:45
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	0.00023	U	0.00095	0.00023	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
trans-1,3-Dichloropropene	0.00025	U	0.00095	0.00025	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Trichloroethene	0.00031	U	0.00095	0.00031	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Trichlorofluoromethane	0.00039	U	0.00095	0.00039	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Vinyl chloride	0.00052	U	0.00095	0.00052	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1
Xylenes, Total	0.00061	U	0.0019	0.00061	mg/Kg	☼	04/06/22 11:53	04/08/22 21:37	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 11:53*	*04/08/22 21:37*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 145*	*04/06/22 11:53*	*04/08/22 21:37*	*1*
4-Bromofluorobenzene	*93*		*70 - 139*	*04/06/22 11:53*	*04/08/22 21:37*	*1*
Dibromofluoromethane (Surr)	*109*		*48 - 150*	*04/06/22 11:53*	*04/08/22 21:37*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*04/06/22 11:53*	*04/08/22 21:37*	*1*

Client Sample ID: SB-15 (12-13)
Lab Sample ID: 460-255692-8

Date Collected: 04/05/22 11:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00043	U	0.0018	0.00043	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,1,2,2-Tetrachloroethane	0.00039	U	0.0018	0.00039	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00055	U *+	0.0018	0.00055	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,1,2-Trichloroethane	0.00033	U	0.0018	0.00033	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,1-Dichloroethane	0.00038	U	0.0018	0.00038	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,1-Dichloroethene	0.00041	U *+	0.0018	0.00041	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,2,3-Trichlorobenzene	0.00033	U	0.0018	0.00033	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,2,4-Trichlorobenzene	0.00066	U	0.0018	0.00066	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,2,4-Trimethylbenzene	0.00045	U	0.0018	0.00045	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,2-Dibromo-3-Chloropropane	0.00085	U	0.0018	0.00085	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,2-Dichlorobenzene	0.00066	U	0.0018	0.00066	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,2-Dichloroethane	0.00054	U	0.0018	0.00054	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,2-Dichloropropane	0.00078	U	0.0018	0.00078	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,3,5-Trimethylbenzene	0.00058	U	0.0018	0.00058	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,3-Dichlorobenzene	0.00067	U	0.0018	0.00067	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
1,4-Dichlorobenzene	0.00041	U	0.0018	0.00041	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
2-Butanone (MEK)	0.00068	U	0.0092	0.00068	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
2-Hexanone	0.0031	U	0.0092	0.0031	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
4-Methyl-2-pentanone (MIBK)	0.0029	U	0.0092	0.0029	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Acetone	**0.041**		0.011	0.011	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Benzene	0.00047	U	0.0018	0.00047	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Bromoform	0.00078	U	0.0018	0.00078	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Bromomethane	0.0018	U	0.0037	0.0018	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Carbon disulfide	0.00049	U	0.0018	0.00049	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Carbon tetrachloride	0.00071	U	0.0018	0.00071	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Chlorobenzene	0.00033	U	0.0018	0.00033	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Chlorobromomethane	0.00052	U	0.0018	0.00052	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Chlorodibromomethane	0.00036	U	0.0018	0.00036	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1

Client Sample ID: SB-15 (12-13)
Lab Sample ID: 460-255692-8

Date Collected: 04/05/22 11:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	0.00096	U	0.0018	0.00096	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Chloroform	0.0018	U	0.0018	0.0018	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Chloromethane	0.00080	U	0.0018	0.00080	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
cis-1,2-Dichloroethene	0.00066	U	0.0018	0.00066	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
cis-1,3-Dichloropropene	0.00050	U	0.0018	0.00050	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Cyclohexane	0.00041	U	0.0018	0.00041	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Dichlorobromomethane	0.00047	U	0.0018	0.00047	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Dichlorodifluoromethane	0.00062	U	0.0018	0.00062	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Ethylbenzene	0.00037	U	0.0018	0.00037	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Ethylene Dibromide	0.00033	U	0.0018	0.00033	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Isopropylbenzene	0.00052	U	0.0018	0.00052	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Methyl acetate	0.0079	U	0.0092	0.0079	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Methyl tert-butyl ether	0.00094	U	0.0018	0.00094	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Methylcyclohexane	0.00092	U	0.0018	0.00092	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Methylene Chloride	0.0021	U	0.0037	0.0021	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
m-Xylene & p-Xylene	0.00032	U	0.0018	0.00032	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
n-Butylbenzene	0.00054	U	0.0018	0.00054	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
N-Propylbenzene	0.00032	U	0.0018	0.00032	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
o-Xylene	0.00036	U	0.0018	0.00036	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
sec-Butylbenzene	0.00053	U	0.0018	0.00053	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Styrene	0.00051	U	0.0018	0.00051	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
tert-Butylbenzene	0.00051	U	0.0018	0.00051	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Tetrachloroethene	0.00056	U	0.0018	0.00056	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Toluene	0.00043	U	0.0018	0.00043	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
trans-1,2-Dichloroethene	0.00045	U	0.0018	0.00045	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
trans-1,3-Dichloropropene	0.00049	U	0.0018	0.00049	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Trichloroethene	0.00059	U	0.0018	0.00059	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Trichlorofluoromethane	0.00075	U	0.0018	0.00075	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Vinyl chloride	0.0010	U	0.0018	0.0010	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1
Xylenes, Total	0.0012	U	0.0037	0.0012	mg/Kg	☼	04/06/22 11:54	04/08/22 21:59	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 11:54*	*04/08/22 21:59*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 145*	*04/06/22 11:54*	*04/08/22 21:59*	*1*
4-Bromofluorobenzene	*90*		*70 - 139*	*04/06/22 11:54*	*04/08/22 21:59*	*1*
Dibromofluoromethane (Surr)	*105*		*48 - 150*	*04/06/22 11:54*	*04/08/22 21:59*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*04/06/22 11:54*	*04/08/22 21:59*	*1*

Client Sample ID: DUP
Lab Sample ID: 460-255692-9

Date Collected: 04/05/22 00:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00026	U	0.0011	0.00026	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,1,2,2-Tetrachloroethane	0.00024	U	0.0011	0.00024	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00033	U *+	0.0011	0.00033	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,1,2-Trichloroethane	0.00020	U	0.0011	0.00020	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1

Client Sample ID: DUP
Date Collected: 04/05/22 00:00
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-9
Matrix: Solid
Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.00023	U	0.0011	0.00023	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,1-Dichloroethene	0.00025	U *+	0.0011	0.00025	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,2,3-Trichlorobenzene	0.00020	U	0.0011	0.00020	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,2,4-Trichlorobenzene	0.00039	U	0.0011	0.00039	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,2,4-Trimethylbenzene	0.00027	U	0.0011	0.00027	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,2-Dibromo-3-Chloropropane	0.00051	U	0.0011	0.00051	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,2-Dichlorobenzene	0.00040	U	0.0011	0.00040	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,2-Dichloroethane	0.00033	U	0.0011	0.00033	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,2-Dichloropropane	0.00047	U	0.0011	0.00047	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,3,5-Trimethylbenzene	0.00035	U	0.0011	0.00035	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,3-Dichlorobenzene	0.00040	U	0.0011	0.00040	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
1,4-Dichlorobenzene	0.00025	U	0.0011	0.00025	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
2-Butanone (MEK)	0.00041	U	0.0055	0.00041	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
2-Hexanone	0.0019	U	0.0055	0.0019	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
4-Methyl-2-pentanone (MIBK)	0.0017	U	0.0055	0.0017	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Acetone	**0.0078**		0.0066	0.0063	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Benzene	0.00028	U	0.0011	0.00028	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Bromoform	0.00047	U	0.0011	0.00047	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Bromomethane	0.0011	U	0.0022	0.0011	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Carbon disulfide	0.00029	U	0.0011	0.00029	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Carbon tetrachloride	0.00043	U	0.0011	0.00043	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Chlorobenzene	0.00020	U	0.0011	0.00020	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Chlorobromomethane	0.00031	U	0.0011	0.00031	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Chlorodibromomethane	0.00021	U	0.0011	0.00021	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Chloroethane	0.00058	U	0.0011	0.00058	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Chloromethane	0.00048	U	0.0011	0.00048	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
cis-1,2-Dichloroethene	0.00039	U	0.0011	0.00039	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
cis-1,3-Dichloropropene	0.00030	U	0.0011	0.00030	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Cyclohexane	0.00024	U	0.0011	0.00024	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Dichlorobromomethane	0.00028	U	0.0011	0.00028	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Dichlorodifluoromethane	0.00037	U	0.0011	0.00037	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Ethylbenzene	0.00022	U	0.0011	0.00022	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Ethylene Dibromide	0.00020	U	0.0011	0.00020	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Isopropylbenzene	0.00031	U	0.0011	0.00031	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Methyl acetate	0.0047	U	0.0055	0.0047	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Methyl tert-butyl ether	0.00056	U	0.0011	0.00056	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Methylcyclohexane	0.00055	U	0.0011	0.00055	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Methylene Chloride	0.0013	U	0.0022	0.0013	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
m-Xylene & p-Xylene	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
n-Butylbenzene	0.00032	U	0.0011	0.00032	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
N-Propylbenzene	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
o-Xylene	0.00021	U	0.0011	0.00021	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
sec-Butylbenzene	0.00032	U	0.0011	0.00032	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Styrene	0.00031	U	0.0011	0.00031	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
tert-Butylbenzene	0.00030	U	0.0011	0.00030	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Tetrachloroethene	**0.0048**		0.0011	0.00034	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Toluene	0.00026	U	0.0011	0.00026	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
trans-1,2-Dichloroethene	0.00027	U	0.0011	0.00027	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1

Client Sample ID: DUP
Lab Sample ID: 460-255692-9
Date Collected: 04/05/22 00:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.00029	U	0.0011	0.00029	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Trichloroethene	0.00035	U	0.0011	0.00035	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Trichlorofluoromethane	0.00045	U	0.0011	0.00045	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Vinyl chloride	0.00060	U	0.0011	0.00060	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1
Xylenes, Total	0.00071	U	0.0022	0.00071	mg/Kg	☼	04/06/22 11:56	04/08/22 22:22	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 11:56*	*04/08/22 22:22*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 145*	*04/06/22 11:56*	*04/08/22 22:22*	*1*
4-Bromofluorobenzene	*99*		*70 - 139*	*04/06/22 11:56*	*04/08/22 22:22*	*1*
Dibromofluoromethane (Surr)	*107*		*48 - 150*	*04/06/22 11:56*	*04/08/22 22:22*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*	*04/06/22 11:56*	*04/08/22 22:22*	*1*

Client Sample ID: SB-9 (4-5)
Lab Sample ID: 460-255692-10
Date Collected: 04/05/22 11:15
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 99.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00031	U	0.0013	0.00031	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,1,2,2-Tetrachloroethane	0.00029	U	0.0013	0.00029	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00040	U *+	0.0013	0.00040	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,1,2-Trichloroethane	0.00024	U	0.0013	0.00024	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,1-Dichloroethane	0.00028	U	0.0013	0.00028	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,1-Dichloroethene	0.00030	U *+	0.0013	0.00030	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,2,3-Trichlorobenzene	0.00024	U	0.0013	0.00024	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,2,4-Trichlorobenzene	0.00048	U	0.0013	0.00048	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,2,4-Trimethylbenzene	0.00033	U	0.0013	0.00033	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,2-Dibromo-3-Chloropropane	0.00062	U	0.0013	0.00062	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,2-Dichlorobenzene	0.00048	U	0.0013	0.00048	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,2-Dichloroethane	0.00040	U	0.0013	0.00040	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,2-Dichloropropane	0.00057	U	0.0013	0.00057	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,3,5-Trimethylbenzene	0.00042	U	0.0013	0.00042	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,3-Dichlorobenzene	0.00049	U	0.0013	0.00049	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
1,4-Dichlorobenzene	0.00030	U	0.0013	0.00030	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
2-Butanone (MEK)	0.00049	U	0.0067	0.00049	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
2-Hexanone	0.0023	U	0.0067	0.0023	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
4-Methyl-2-pentanone (MIBK)	0.0021	U	0.0067	0.0021	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Acetone	**0.030**		0.0081	0.0077	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Benzene	0.00035	U	0.0013	0.00035	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Bromoform	0.00057	U	0.0013	0.00057	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Bromomethane	0.0013	U	0.0027	0.0013	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Carbon disulfide	0.00036	U	0.0013	0.00036	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Carbon tetrachloride	0.00052	U	0.0013	0.00052	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Chlorobenzene	0.00024	U	0.0013	0.00024	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Chlorobromomethane	0.00038	U	0.0013	0.00038	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Chlorodibromomethane	0.00026	U	0.0013	0.00026	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Chloroethane	0.00070	U	0.0013	0.00070	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1

Client Sample ID: SB-9 (4-5)
Lab Sample ID: 460-255692-10

Date Collected: 04/05/22 11:15
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 99.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Chloromethane	0.00058	U	0.0013	0.00058	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
cis-1,2-Dichloroethene	0.00048	U	0.0013	0.00048	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
cis-1,3-Dichloropropene	0.00037	U	0.0013	0.00037	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Cyclohexane	0.00030	U	0.0013	0.00030	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Dichlorobromomethane	0.00035	U	0.0013	0.00035	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Dichlorodifluoromethane	0.00045	U	0.0013	0.00045	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Ethylbenzene	0.00027	U	0.0013	0.00027	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Ethylene Dibromide	0.00024	U	0.0013	0.00024	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Isopropylbenzene	0.00038	U	0.0013	0.00038	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Methyl acetate	0.0058	U	0.0067	0.0058	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Methyl tert-butyl ether	0.00069	U	0.0013	0.00069	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Methylcyclohexane	0.00067	U	0.0013	0.00067	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Methylene Chloride	0.0015	U	0.0027	0.0015	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
m-Xylene & p-Xylene	0.00023	U	0.0013	0.00023	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
n-Butylbenzene	0.00039	U	0.0013	0.00039	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
N-Propylbenzene	0.00024	U	0.0013	0.00024	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
o-Xylene	0.00026	U	0.0013	0.00026	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
sec-Butylbenzene	0.00039	U	0.0013	0.00039	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Styrene	0.00037	U	0.0013	0.00037	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
tert-Butylbenzene	0.00037	U	0.0013	0.00037	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Tetrachloroethene	0.00041	U	0.0013	0.00041	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Toluene	0.00031	U	0.0013	0.00031	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
trans-1,2-Dichloroethene	0.00033	U	0.0013	0.00033	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
trans-1,3-Dichloropropene	0.00036	U	0.0013	0.00036	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Trichloroethene	0.00043	U	0.0013	0.00043	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Trichlorofluoromethane	0.00055	U	0.0013	0.00055	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Vinyl chloride	0.00073	U	0.0013	0.00073	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1
Xylenes, Total	0.00086	U	0.0027	0.00086	mg/Kg	☼	04/06/22 11:57	04/08/22 22:45	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 11:57*	*04/08/22 22:45*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 145*	*04/06/22 11:57*	*04/08/22 22:45*	*1*
4-Bromofluorobenzene	*100*		*70 - 139*	*04/06/22 11:57*	*04/08/22 22:45*	*1*
Dibromofluoromethane (Surr)	*108*		*48 - 150*	*04/06/22 11:57*	*04/08/22 22:45*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*04/06/22 11:57*	*04/08/22 22:45*	*1*

Client Sample ID: SB-9 (7-7.5)
Lab Sample ID: 460-255692-11

Date Collected: 04/05/22 11:20
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 97.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00030	U	0.0013	0.00030	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,1,2,2-Tetrachloroethane	0.00027	U	0.0013	0.00027	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00039	U *+	0.0013	0.00039	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,1,2-Trichloroethane	0.00023	U	0.0013	0.00023	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,1-Dichloroethane	0.00026	U	0.0013	0.00026	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1

Client Sample ID: SB-9 (7-7.5)
Lab Sample ID: 460-255692-11

Date Collected: 04/05/22 11:20
Matrix: Solid

Date Received: 04/05/22 18:00
Percent Solids: 97.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.00029	U *+	0.0013	0.00029	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,2,3-Trichlorobenzene	0.00023	U	0.0013	0.00023	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,2,4-Trichlorobenzene	0.00046	U	0.0013	0.00046	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,2,4-Trimethylbenzene	0.00032	U	0.0013	0.00032	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,2-Dibromo-3-Chloropropane	0.00059	U	0.0013	0.00059	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,2-Dichlorobenzene	0.00046	U	0.0013	0.00046	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,2-Dichloroethane	0.00038	U	0.0013	0.00038	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,2-Dichloropropane	0.00054	U	0.0013	0.00054	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,3,5-Trimethylbenzene	0.00040	U	0.0013	0.00040	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,3-Dichlorobenzene	0.00047	U	0.0013	0.00047	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
1,4-Dichlorobenzene	0.00029	U	0.0013	0.00029	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
2-Butanone (MEK)	0.00047	U	0.0064	0.00047	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
2-Hexanone	0.0022	U	0.0064	0.0022	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
4-Methyl-2-pentanone (MIBK)	0.0020	U	0.0064	0.0020	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Acetone	**0.033**		0.0077	0.0073	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Benzene	0.00033	U	0.0013	0.00033	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Bromoform	0.00055	U	0.0013	0.00055	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Bromomethane	0.0013	U	0.0026	0.0013	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Carbon disulfide	0.00034	U	0.0013	0.00034	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Carbon tetrachloride	0.00050	U	0.0013	0.00050	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Chlorobenzene	0.00023	U	0.0013	0.00023	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Chlorobromomethane	0.00036	U	0.0013	0.00036	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Chlorodibromomethane	0.00025	U	0.0013	0.00025	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Chloroethane	0.00067	U	0.0013	0.00067	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Chloroform	0.0012	U	0.0013	0.0012	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Chloromethane	0.00056	U	0.0013	0.00056	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
cis-1,2-Dichloroethene	0.00046	U	0.0013	0.00046	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
cis-1,3-Dichloropropene	0.00035	U	0.0013	0.00035	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Cyclohexane	0.00028	U	0.0013	0.00028	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Dichlorobromomethane	0.00033	U	0.0013	0.00033	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Dichlorodifluoromethane	0.00043	U	0.0013	0.00043	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Ethylbenzene	0.00026	U	0.0013	0.00026	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Ethylene Dibromide	0.00023	U	0.0013	0.00023	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Isopropylbenzene	0.00037	U	0.0013	0.00037	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Methyl acetate	0.0055	U	0.0064	0.0055	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Methyl tert-butyl ether	0.00066	U	0.0013	0.00066	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Methylcyclohexane	0.00064	U	0.0013	0.00064	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Methylene Chloride	0.0015	U	0.0026	0.0015	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
m-Xylene & p-Xylene	0.00022	U	0.0013	0.00022	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
n-Butylbenzene	0.00038	U	0.0013	0.00038	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
N-Propylbenzene	0.00022	U	0.0013	0.00022	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
o-Xylene	0.00025	U	0.0013	0.00025	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
sec-Butylbenzene	0.00037	U	0.0013	0.00037	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Styrene	0.00036	U	0.0013	0.00036	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
tert-Butylbenzene	0.00035	U	0.0013	0.00035	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Tetrachloroethene	0.00039	U	0.0013	0.00039	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Toluene	0.00030	U	0.0013	0.00030	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
trans-1,2-Dichloroethene	0.00032	U	0.0013	0.00032	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
trans-1,3-Dichloropropene	0.00034	U	0.0013	0.00034	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1

Client Sample ID: SB-9 (7-7.5)
Lab Sample ID: 460-255692-11
Date Collected: 04/05/22 11:20
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 97.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.00041	U	0.0013	0.00041	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Trichlorofluoromethane	0.00052	U	0.0013	0.00052	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Vinyl chloride	0.00070	U	0.0013	0.00070	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1
Xylenes, Total	0.00082	U	0.0026	0.00082	mg/Kg	☼	04/06/22 11:58	04/08/22 23:06	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 11:58*	*04/08/22 23:06*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 145*	*04/06/22 11:58*	*04/08/22 23:06*	*1*
4-Bromofluorobenzene	*94*		*70 - 139*	*04/06/22 11:58*	*04/08/22 23:06*	*1*
Dibromofluoromethane (Surr)	*106*		*48 - 150*	*04/06/22 11:58*	*04/08/22 23:06*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*04/06/22 11:58*	*04/08/22 23:06*	*1*

Client Sample ID: SB-12 (0-5)
Lab Sample ID: 460-255692-12
Date Collected: 04/05/22 12:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 90.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00036	U	0.0015	0.00036	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,1,2,2-Tetrachloroethane	0.00033	U	0.0015	0.00033	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00046	U *+	0.0015	0.00046	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,1,2-Trichloroethane	0.00027	U	0.0015	0.00027	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,1-Dichloroethane	0.00032	U	0.0015	0.00032	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,1-Dichloroethene	0.00035	U *+	0.0015	0.00035	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,2,3-Trichlorobenzene	0.00028	U	0.0015	0.00028	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,2,4-Trichlorobenzene	0.00055	U	0.0015	0.00055	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,2,4-Trimethylbenzene	0.00038	U	0.0015	0.00038	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,2-Dibromo-3-Chloropropane	0.00071	U	0.0015	0.00071	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,2-Dichlorobenzene	0.00056	U	0.0015	0.00056	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,2-Dichloroethane	0.00046	U	0.0015	0.00046	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,2-Dichloropropane	0.00065	U	0.0015	0.00065	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,3,5-Trimethylbenzene	0.00048	U	0.0015	0.00048	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,3-Dichlorobenzene	0.00056	U	0.0015	0.00056	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
1,4-Dichlorobenzene	0.00035	U	0.0015	0.00035	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
2-Butanone (MEK)	0.00057	U	0.0077	0.00057	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
2-Hexanone	0.0026	U	0.0077	0.0026	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
4-Methyl-2-pentanone (MIBK)	0.0024	U	0.0077	0.0024	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Acetone	**0.012**		0.0092	0.0088	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Benzene	0.00040	U	0.0015	0.00040	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Bromoform	0.00065	U	0.0015	0.00065	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Bromomethane	0.0015	U	0.0031	0.0015	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Carbon disulfide	0.00041	U	0.0015	0.00041	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Carbon tetrachloride	0.00060	U	0.0015	0.00060	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Chlorobenzene	0.00027	U	0.0015	0.00027	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Chlorobromomethane	0.00043	U	0.0015	0.00043	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Chlorodibromomethane	0.00030	U	0.0015	0.00030	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Chloroethane	0.00080	U	0.0015	0.00080	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Chloroform	0.0015	U	0.0015	0.0015	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1

Client Sample ID: SB-12 (0-5)
Lab Sample ID: 460-255692-12

Date Collected: 04/05/22 12:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 90.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00067	U	0.0015	0.00067	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
cis-1,2-Dichloroethene	0.00055	U	0.0015	0.00055	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
cis-1,3-Dichloropropene	0.00042	U	0.0015	0.00042	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Cyclohexane	0.00034	U	0.0015	0.00034	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Dichlorobromomethane	0.00040	U	0.0015	0.00040	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Dichlorodifluoromethane	0.00052	U	0.0015	0.00052	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Ethylbenzene	0.00031	U	0.0015	0.00031	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Ethylene Dibromide	0.00028	U	0.0015	0.00028	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Isopropylbenzene	0.00044	U	0.0015	0.00044	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Methyl acetate	0.0066	U	0.0077	0.0066	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Methyl tert-butyl ether	0.00079	U	0.0015	0.00079	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Methylcyclohexane	0.00077	U	0.0015	0.00077	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Methylene Chloride	0.0018	U	0.0031	0.0018	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
m-Xylene & p-Xylene	**0.00028**	**J**	0.0015	0.00027	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
n-Butylbenzene	0.00045	U	0.0015	0.00045	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
N-Propylbenzene	0.00027	U	0.0015	0.00027	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
o-Xylene	**0.00034**	**J**	0.0015	0.00030	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
sec-Butylbenzene	0.00044	U	0.0015	0.00044	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Styrene	0.00043	U	0.0015	0.00043	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
tert-Butylbenzene	0.00042	U	0.0015	0.00042	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Tetrachloroethene	**0.016**		0.0015	0.00047	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Toluene	0.00036	U	0.0015	0.00036	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
trans-1,2-Dichloroethene	0.00038	U	0.0015	0.00038	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
trans-1,3-Dichloropropene	0.00041	U	0.0015	0.00041	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Trichloroethene	0.00049	U	0.0015	0.00049	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Trichlorofluoromethane	0.00062	U	0.0015	0.00062	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Vinyl chloride	0.00084	U	0.0015	0.00084	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1
Xylenes, Total	0.00099	U	0.0031	0.00099	mg/Kg	☼	04/06/22 12:00	04/08/22 23:28	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 12:00*	*04/08/22 23:28*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 145*	*04/06/22 12:00*	*04/08/22 23:28*	*1*
4-Bromofluorobenzene	*100*		*70 - 139*	*04/06/22 12:00*	*04/08/22 23:28*	*1*
Dibromofluoromethane (Surr)	*111*		*48 - 150*	*04/06/22 12:00*	*04/08/22 23:28*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*04/06/22 12:00*	*04/08/22 23:28*	*1*

Client Sample ID: SB-12 (7-8)
Lab Sample ID: 460-255692-13

Date Collected: 04/05/22 11:50
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 84.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00023	U	0.00099	0.00023	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.00099	0.00021	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U *+	0.00099	0.00030	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,1,2-Trichloroethane	0.00018	U	0.00099	0.00018	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,1-Dichloroethane	0.00020	U	0.00099	0.00020	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,1-Dichloroethene	0.00022	U *+	0.00099	0.00022	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1

Client Sample ID: SB-12 (7-8)
Date Collected: 04/05/22 11:50
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-13
Matrix: Solid
Percent Solids: 84.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	0.00018	U	0.00099	0.00018	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,2,4-Trichlorobenzene	0.00035	U	0.00099	0.00035	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,2,4-Trimethylbenzene	0.00024	U	0.00099	0.00024	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,2-Dibromo-3-Chloropropane	0.00046	U	0.00099	0.00046	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,2-Dichlorobenzene	0.00036	U	0.00099	0.00036	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,2-Dichloroethane	0.00029	U	0.00099	0.00029	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,2-Dichloropropane	0.00042	U	0.00099	0.00042	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,3,5-Trimethylbenzene	0.00031	U	0.00099	0.00031	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,3-Dichlorobenzene	0.00036	U	0.00099	0.00036	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
1,4-Dichlorobenzene	0.00022	U	0.00099	0.00022	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
2-Butanone (MEK)	0.00036	U	0.0049	0.00036	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
2-Hexanone	0.0017	U	0.0049	0.0017	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
4-Methyl-2-pentanone (MIBK)	0.0015	U	0.0049	0.0015	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Acetone	**0.015**		0.0059	0.0057	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Benzene	0.00026	U	0.00099	0.00026	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Bromoform	0.00042	U	0.00099	0.00042	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Bromomethane	0.00099	U	0.0020	0.00099	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Carbon disulfide	0.00026	U	0.00099	0.00026	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Carbon tetrachloride	0.00038	U	0.00099	0.00038	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Chlorobenzene	0.00018	U	0.00099	0.00018	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Chlorobromomethane	0.00028	U	0.00099	0.00028	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Chlorodibromomethane	0.00019	U	0.00099	0.00019	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Chloroethane	0.00052	U	0.00099	0.00052	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Chloroform	0.00096	U	0.00099	0.00096	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Chloromethane	0.00043	U	0.00099	0.00043	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
cis-1,2-Dichloroethene	0.00035	U	0.00099	0.00035	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
cis-1,3-Dichloropropene	0.00027	U	0.00099	0.00027	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Cyclohexane	0.00022	U	0.00099	0.00022	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Dichlorobromomethane	0.00025	U	0.00099	0.00025	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Dichlorodifluoromethane	0.00033	U	0.00099	0.00033	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Ethylbenzene	0.00020	U	0.00099	0.00020	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Ethylene Dibromide	0.00018	U	0.00099	0.00018	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Isopropylbenzene	0.00028	U	0.00099	0.00028	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Methyl acetate	0.0043	U	0.0049	0.0043	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Methyl tert-butyl ether	0.00051	U	0.00099	0.00051	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Methylcyclohexane	0.00049	U	0.00099	0.00049	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Methylene Chloride	0.0011	U	0.0020	0.0011	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
m-Xylene & p-Xylene	0.00017	U	0.00099	0.00017	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
n-Butylbenzene	0.00029	U	0.00099	0.00029	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
N-Propylbenzene	0.00017	U	0.00099	0.00017	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
o-Xylene	0.00019	U	0.00099	0.00019	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
sec-Butylbenzene	0.00029	U	0.00099	0.00029	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Styrene	0.00028	U	0.00099	0.00028	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
tert-Butylbenzene	0.00027	U	0.00099	0.00027	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Tetrachloroethene	**0.00077**	**J**	0.00099	0.00030	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Toluene	0.00023	U	0.00099	0.00023	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
trans-1,2-Dichloroethene	0.00024	U	0.00099	0.00024	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
trans-1,3-Dichloropropene	0.00026	U	0.00099	0.00026	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Trichloroethene	0.00032	U	0.00099	0.00032	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1

Client Sample ID: SB-12 (7-8)
Lab Sample ID: 460-255692-13
Date Collected: 04/05/22 11:50
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 84.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.00040	U	0.00099	0.00040	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Vinyl chloride	0.00054	U	0.00099	0.00054	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1
Xylenes, Total	0.00064	U	0.0020	0.00064	mg/Kg	☼	04/06/22 12:01	04/08/22 23:51	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 12:01*	*04/08/22 23:51*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 145*	*04/06/22 12:01*	*04/08/22 23:51*	*1*
4-Bromofluorobenzene	*95*		*70 - 139*	*04/06/22 12:01*	*04/08/22 23:51*	*1*
Dibromofluoromethane (Surr)	*108*		*48 - 150*	*04/06/22 12:01*	*04/08/22 23:51*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*04/06/22 12:01*	*04/08/22 23:51*	*1*

Client Sample ID: SB-12 (15-15.5)
Lab Sample ID: 460-255692-14
Date Collected: 04/05/22 12:05
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 84.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00026	U	0.0011	0.00026	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,1,2,2-Tetrachloroethane	0.00024	U	0.0011	0.00024	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00033	U *+	0.0011	0.00033	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,1,2-Trichloroethane	0.00020	U	0.0011	0.00020	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,1-Dichloroethane	0.00023	U	0.0011	0.00023	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,1-Dichloroethene	0.00025	U *+	0.0011	0.00025	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,2,3-Trichlorobenzene	0.00020	U	0.0011	0.00020	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,2,4-Trichlorobenzene	0.00040	U	0.0011	0.00040	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,2,4-Trimethylbenzene	0.00027	U	0.0011	0.00027	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,2-Dibromo-3-Chloropropane	0.00051	U	0.0011	0.00051	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,2-Dichlorobenzene	0.00040	U	0.0011	0.00040	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,2-Dichloroethane	0.00033	U	0.0011	0.00033	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,2-Dichloropropane	0.00047	U	0.0011	0.00047	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,3,5-Trimethylbenzene	0.00035	U	0.0011	0.00035	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,3-Dichlorobenzene	0.00041	U	0.0011	0.00041	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
1,4-Dichlorobenzene	0.00025	U	0.0011	0.00025	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
2-Butanone (MEK)	0.00041	U	0.0055	0.00041	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
2-Hexanone	0.0019	U	0.0055	0.0019	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
4-Methyl-2-pentanone (MIBK)	0.0017	U	0.0055	0.0017	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Acetone	**0.035**		0.0067	0.0063	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Benzene	0.00029	U	0.0011	0.00029	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Bromoform	0.00047	U	0.0011	0.00047	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Bromomethane	0.0011	U	0.0022	0.0011	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Carbon disulfide	0.00030	U	0.0011	0.00030	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Carbon tetrachloride	0.00043	U	0.0011	0.00043	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Chlorobenzene	0.00020	U	0.0011	0.00020	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Chlorobromomethane	0.00031	U	0.0011	0.00031	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Chlorodibromomethane	0.00022	U	0.0011	0.00022	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Chloroethane	0.00058	U	0.0011	0.00058	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Chloromethane	0.00048	U	0.0011	0.00048	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1

Client Sample ID: SB-12 (15-15.5)
Lab Sample ID: 460-255692-14

Date Collected: 04/05/22 12:05
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 84.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.00040	U	0.0011	0.00040	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
cis-1,3-Dichloropropene	0.00030	U	0.0011	0.00030	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Cyclohexane	0.00025	U	0.0011	0.00025	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Dichlorobromomethane	0.00029	U	0.0011	0.00029	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Dichlorodifluoromethane	0.00038	U	0.0011	0.00038	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Ethylbenzene	0.00022	U	0.0011	0.00022	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Ethylene Dibromide	0.00020	U	0.0011	0.00020	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Isopropylbenzene	0.00032	U	0.0011	0.00032	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Methyl acetate	0.0048	U	0.0055	0.0048	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Methyl tert-butyl ether	0.00057	U	0.0011	0.00057	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Methylcyclohexane	0.00055	U	0.0011	0.00055	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Methylene Chloride	0.0013	U	0.0022	0.0013	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
m-Xylene & p-Xylene	**0.00020**	**J**	0.0011	0.00019	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
n-Butylbenzene	0.00033	U	0.0011	0.00033	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
N-Propylbenzene	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
o-Xylene	0.00022	U	0.0011	0.00022	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
sec-Butylbenzene	0.00032	U	0.0011	0.00032	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Styrene	0.00031	U	0.0011	0.00031	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
tert-Butylbenzene	0.00031	U	0.0011	0.00031	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Tetrachloroethene	0.00034	U	0.0011	0.00034	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Toluene	0.00026	U	0.0011	0.00026	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
trans-1,2-Dichloroethene	0.00027	U	0.0011	0.00027	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
trans-1,3-Dichloropropene	0.00030	U	0.0011	0.00030	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Trichloroethene	0.00036	U	0.0011	0.00036	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Trichlorofluoromethane	0.00045	U	0.0011	0.00045	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Vinyl chloride	0.00061	U	0.0011	0.00061	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1
Xylenes, Total	0.00071	U	0.0022	0.00071	mg/Kg	☼	04/06/22 12:02	04/09/22 00:13	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.0057*	*J*	*mg/Kg*	☼	*2.38*		*04/06/22 12:02*	*04/09/22 00:13*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 145*	*04/06/22 12:02*	*04/09/22 00:13*	*1*
4-Bromofluorobenzene	*99*		*70 - 139*	*04/06/22 12:02*	*04/09/22 00:13*	*1*
Dibromofluoromethane (Surr)	*108*		*48 - 150*	*04/06/22 12:02*	*04/09/22 00:13*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*04/06/22 12:02*	*04/09/22 00:13*	*1*

Client Sample ID: SB-10 (2.5-5)
Lab Sample ID: 460-255692-15

Date Collected: 04/05/22 12:30
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 97.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00029	U	0.0012	0.00029	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,1,2,2-Tetrachloroethane	0.00027	U	0.0012	0.00027	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00037	U *+	0.0012	0.00037	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,1,2-Trichloroethane	0.00022	U	0.0012	0.00022	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,1-Dichloroethane	0.00026	U	0.0012	0.00026	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,1-Dichloroethene	0.00028	U *+	0.0012	0.00028	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,2,3-Trichlorobenzene	0.00023	U	0.0012	0.00023	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1

Client Sample ID: SB-10 (2.5-5)
Date Collected: 04/05/22 12:30
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-15
Matrix: Solid
Percent Solids: 97.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.00045	U	0.0012	0.00045	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,2,4-Trimethylbenzene	0.00031	U	0.0012	0.00031	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,2-Dibromo-3-Chloropropane	0.00057	U	0.0012	0.00057	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,2-Dichlorobenzene	0.00045	U	0.0012	0.00045	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,2-Dichloroethane	0.00037	U	0.0012	0.00037	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,2-Dichloropropane	0.00053	U	0.0012	0.00053	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,3,5-Trimethylbenzene	0.00039	U	0.0012	0.00039	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,3-Dichlorobenzene	0.00045	U	0.0012	0.00045	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
1,4-Dichlorobenzene	0.00028	U	0.0012	0.00028	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
2-Butanone (MEK)	0.00046	U	0.0062	0.00046	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
2-Hexanone	0.0021	U	0.0062	0.0021	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
4-Methyl-2-pentanone (MIBK)	0.0019	U	0.0062	0.0019	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Acetone	**0.033**		0.0075	0.0071	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Benzene	0.00032	U	0.0012	0.00032	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Bromoform	0.00053	U	0.0012	0.00053	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Bromomethane	0.0012	U	0.0025	0.0012	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Carbon disulfide	0.00033	U	0.0012	0.00033	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Carbon tetrachloride	0.00048	U	0.0012	0.00048	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Chlorobenzene	0.00022	U	0.0012	0.00022	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Chlorobromomethane	0.00035	U	0.0012	0.00035	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Chlorodibromomethane	0.00024	U	0.0012	0.00024	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Chloroethane	0.00065	U	0.0012	0.00065	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Chloromethane	0.00054	U	0.0012	0.00054	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
cis-1,2-Dichloroethene	0.00045	U	0.0012	0.00045	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
cis-1,3-Dichloropropene	0.00034	U	0.0012	0.00034	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Cyclohexane	0.00028	U	0.0012	0.00028	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Dichlorobromomethane	0.00032	U	0.0012	0.00032	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Dichlorodifluoromethane	0.00042	U	0.0012	0.00042	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Ethylbenzene	0.00025	U	0.0012	0.00025	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Ethylene Dibromide	0.00022	U	0.0012	0.00022	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Isopropylbenzene	0.00035	U	0.0012	0.00035	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Methyl acetate	0.0054	U	0.0062	0.0054	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Methyl tert-butyl ether	0.00064	U	0.0012	0.00064	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Methylcyclohexane	0.00062	U	0.0012	0.00062	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Methylene Chloride	0.0014	U	0.0025	0.0014	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
m-Xylene & p-Xylene	0.00022	U	0.0012	0.00022	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
n-Butylbenzene	0.00037	U	0.0012	0.00037	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
N-Propylbenzene	0.00022	U	0.0012	0.00022	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
o-Xylene	0.00024	U	0.0012	0.00024	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
sec-Butylbenzene	0.00036	U	0.0012	0.00036	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Styrene	0.00035	U	0.0012	0.00035	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
tert-Butylbenzene	0.00034	U	0.0012	0.00034	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Tetrachloroethene	**0.024**		0.0012	0.00038	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Toluene	0.00029	U	0.0012	0.00029	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
trans-1,2-Dichloroethene	0.00031	U	0.0012	0.00031	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
trans-1,3-Dichloropropene	0.00033	U	0.0012	0.00033	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Trichloroethene	0.00040	U	0.0012	0.00040	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Trichlorofluoromethane	0.00051	U	0.0012	0.00051	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1

Client Sample ID: SB-10 (2.5-5)
Lab Sample ID: 460-255692-15
Date Collected: 04/05/22 12:30
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 97.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.00068	U	0.0012	0.00068	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1
Xylenes, Total	0.00080	U	0.0025	0.00080	mg/Kg	☼	04/06/22 12:03	04/09/22 00:34	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 12:03*	*04/09/22 00:34*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 145*	*04/06/22 12:03*	*04/09/22 00:34*	*1*
4-Bromofluorobenzene	*94*		*70 - 139*	*04/06/22 12:03*	*04/09/22 00:34*	*1*
Dibromofluoromethane (Surr)	*104*		*48 - 150*	*04/06/22 12:03*	*04/09/22 00:34*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*04/06/22 12:03*	*04/09/22 00:34*	*1*

Client Sample ID: SB-10 (7-7.5)
Lab Sample ID: 460-255692-16
Date Collected: 04/05/22 12:35
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 96.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00029	U	0.0013	0.00029	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,1,2,2-Tetrachloroethane	0.00027	U	0.0013	0.00027	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00038	U *+	0.0013	0.00038	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,1,2-Trichloroethane	0.00022	U	0.0013	0.00022	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,1-Dichloroethane	0.00026	U	0.0013	0.00026	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,1-Dichloroethene	0.00028	U *+	0.0013	0.00028	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,2,3-Trichlorobenzene	0.00023	U	0.0013	0.00023	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,2,4-Trichlorobenzene	0.00045	U	0.0013	0.00045	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,2,4-Trimethylbenzene	0.00031	U	0.0013	0.00031	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,2-Dibromo-3-Chloropropane	0.00058	U	0.0013	0.00058	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,2-Dichlorobenzene	0.00045	U	0.0013	0.00045	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,2-Dichloroethane	0.00037	U	0.0013	0.00037	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,2-Dichloropropane	0.00053	U	0.0013	0.00053	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,3,5-Trimethylbenzene	0.00039	U	0.0013	0.00039	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,3-Dichlorobenzene	0.00046	U	0.0013	0.00046	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
1,4-Dichlorobenzene	0.00028	U	0.0013	0.00028	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
2-Butanone (MEK)	0.00046	U	0.0063	0.00046	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
2-Hexanone	0.0021	U	0.0063	0.0021	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
4-Methyl-2-pentanone (MIBK)	0.0019	U	0.0063	0.0019	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Acetone	**0.049**		0.0075	0.0072	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Benzene	0.00032	U	0.0013	0.00032	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Bromoform	0.00053	U	0.0013	0.00053	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Bromomethane	0.0013	U	0.0025	0.0013	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Carbon disulfide	0.00033	U	0.0013	0.00033	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Carbon tetrachloride	0.00048	U	0.0013	0.00048	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Chlorobenzene	0.00022	U	0.0013	0.00022	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Chlorobromomethane	0.00035	U	0.0013	0.00035	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Chlorodibromomethane	0.00024	U	0.0013	0.00024	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Chloroethane	0.00065	U	0.0013	0.00065	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Chloroform	0.0012	U	0.0013	0.0012	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Chloromethane	0.00054	U	0.0013	0.00054	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
cis-1,2-Dichloroethene	0.00045	U	0.0013	0.00045	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1

Client Sample ID: SB-10 (7-7.5)
Lab Sample ID: 460-255692-16

Date Collected: 04/05/22 12:35
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 96.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.00034	U	0.0013	0.00034	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Cyclohexane	0.00028	U	0.0013	0.00028	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Dichlorobromomethane	0.00032	U	0.0013	0.00032	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Dichlorodifluoromethane	0.00042	U	0.0013	0.00042	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Ethylbenzene	0.00025	U	0.0013	0.00025	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Ethylene Dibromide	0.00023	U	0.0013	0.00023	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Isopropylbenzene	0.00036	U	0.0013	0.00036	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Methyl acetate	0.0054	U	0.0063	0.0054	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Methyl tert-butyl ether	0.00064	U	0.0013	0.00064	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Methylcyclohexane	0.00062	U	0.0013	0.00062	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Methylene Chloride	0.0014	U	0.0025	0.0014	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
m-Xylene & p-Xylene	0.00022	U	0.0013	0.00022	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
n-Butylbenzene	0.00037	U	0.0013	0.00037	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
N-Propylbenzene	0.00022	U	0.0013	0.00022	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
o-Xylene	0.00024	U	0.0013	0.00024	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
sec-Butylbenzene	0.00036	U	0.0013	0.00036	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Styrene	0.00035	U	0.0013	0.00035	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
tert-Butylbenzene	0.00035	U	0.0013	0.00035	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Tetrachloroethene	**0.00080**	**J**	0.0013	0.00038	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Toluene	0.00029	U	0.0013	0.00029	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
trans-1,2-Dichloroethene	0.00031	U	0.0013	0.00031	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
trans-1,3-Dichloropropene	0.00033	U	0.0013	0.00033	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Trichloroethene	0.00040	U	0.0013	0.00040	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Trichlorofluoromethane	0.00051	U	0.0013	0.00051	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Vinyl chloride	0.00068	U	0.0013	0.00068	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1
Xylenes, Total	0.00080	U	0.0025	0.00080	mg/Kg	☼	04/06/22 12:05	04/09/22 00:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 12:05*	*04/09/22 00:56*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 145*	*04/06/22 12:05*	*04/09/22 00:56*	*1*
4-Bromofluorobenzene	*96*		*70 - 139*	*04/06/22 12:05*	*04/09/22 00:56*	*1*
Dibromofluoromethane (Surr)	*105*		*48 - 150*	*04/06/22 12:05*	*04/09/22 00:56*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*04/06/22 12:05*	*04/09/22 00:56*	*1*

Client Sample ID: SB-10 (15-15.5)
Lab Sample ID: 460-255692-17

Date Collected: 04/05/22 12:40
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 92.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00032	U	0.0014	0.00032	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,1,2,2-Tetrachloroethane	0.00029	U	0.0014	0.00029	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00041	U *+	0.0014	0.00041	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,1,2-Trichloroethane	0.00024	U	0.0014	0.00024	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,1-Dichloroethane	0.00028	U	0.0014	0.00028	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,1-Dichloroethene	0.00031	U *+	0.0014	0.00031	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,2,3-Trichlorobenzene	0.00025	U	0.0014	0.00025	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,2,4-Trichlorobenzene	0.00049	U	0.0014	0.00049	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1

Client Sample ID: SB-10 (15-15.5)
Date Collected: 04/05/22 12:40
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-17
Matrix: Solid
Percent Solids: 92.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.00034	U	0.0014	0.00034	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,2-Dibromo-3-Chloropropane	0.00063	U	0.0014	0.00063	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,2-Dichlorobenzene	0.00049	U	0.0014	0.00049	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,2-Dichloroethane	0.00041	U	0.0014	0.00041	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,2-Dichloropropane	0.00058	U	0.0014	0.00058	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,3,5-Trimethylbenzene	0.00043	U	0.0014	0.00043	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,3-Dichlorobenzene	0.00050	U	0.0014	0.00050	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
1,4-Dichlorobenzene	0.00031	U	0.0014	0.00031	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
2-Butanone (MEK)	0.00050	U	0.0069	0.00050	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
2-Hexanone	0.0023	U	0.0069	0.0023	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
4-Methyl-2-pentanone (MIBK)	0.0021	U	0.0069	0.0021	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Acetone	**0.051**		0.0082	0.0078	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Benzene	0.00035	U	0.0014	0.00035	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Bromoform	0.00058	U	0.0014	0.00058	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Bromomethane	0.0014	U	0.0027	0.0014	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Carbon disulfide	0.00036	U	0.0014	0.00036	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Carbon tetrachloride	0.00053	U	0.0014	0.00053	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Chlorobenzene	0.00024	U	0.0014	0.00024	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Chlorobromomethane	0.00038	U	0.0014	0.00038	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Chlorodibromomethane	0.00027	U	0.0014	0.00027	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Chloroethane	0.00072	U	0.0014	0.00072	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Chloroform	0.0013	U	0.0014	0.0013	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Chloromethane	0.00060	U	0.0014	0.00060	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
cis-1,2-Dichloroethene	0.00049	U	0.0014	0.00049	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
cis-1,3-Dichloropropene	0.00037	U	0.0014	0.00037	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Cyclohexane	0.00030	U	0.0014	0.00030	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Dichlorobromomethane	0.00035	U	0.0014	0.00035	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Dichlorodifluoromethane	0.00046	U	0.0014	0.00046	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Ethylbenzene	0.00027	U	0.0014	0.00027	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Ethylene Dibromide	0.00025	U	0.0014	0.00025	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Isopropylbenzene	0.00039	U	0.0014	0.00039	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Methyl acetate	0.0059	U	0.0069	0.0059	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Methyl tert-butyl ether	0.00070	U	0.0014	0.00070	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Methylcyclohexane	0.00068	U	0.0014	0.00068	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Methylene Chloride	0.0016	U	0.0027	0.0016	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
m-Xylene & p-Xylene	0.00024	U	0.0014	0.00024	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
n-Butylbenzene	0.00040	U	0.0014	0.00040	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
N-Propylbenzene	0.00024	U	0.0014	0.00024	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
o-Xylene	0.00027	U	0.0014	0.00027	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
sec-Butylbenzene	0.00039	U	0.0014	0.00039	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Styrene	0.00038	U	0.0014	0.00038	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
tert-Butylbenzene	0.00038	U	0.0014	0.00038	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Tetrachloroethene	**0.00092**	**J**	0.0014	0.00042	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Toluene	0.00032	U	0.0014	0.00032	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
trans-1,2-Dichloroethene	0.00034	U	0.0014	0.00034	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
trans-1,3-Dichloropropene	0.00036	U	0.0014	0.00036	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Trichloroethene	0.00044	U	0.0014	0.00044	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Trichlorofluoromethane	0.00056	U	0.0014	0.00056	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1
Vinyl chloride	0.00075	U	0.0014	0.00075	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1

Client Sample ID: SB-10 (15-15.5)
Lab Sample ID: 460-255692-17

Date Collected: 04/05/22 12:40
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 92.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	0.00088	U	0.0027	0.00088	mg/Kg	☼	04/06/22 12:06	04/09/22 01:19	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 12:06*	*04/09/22 01:19*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 145*	*04/06/22 12:06*	*04/09/22 01:19*	*1*
4-Bromofluorobenzene	*90*		*70 - 139*	*04/06/22 12:06*	*04/09/22 01:19*	*1*
Dibromofluoromethane (Surr)	*102*		*48 - 150*	*04/06/22 12:06*	*04/09/22 01:19*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*	*04/06/22 12:06*	*04/09/22 01:19*	*1*

Client Sample ID: SB-13 (2-2.5)
Lab Sample ID: 460-255692-18

Date Collected: 04/05/22 12:55
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 95.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00028	U	0.0012	0.00028	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,1,2,2-Tetrachloroethane	0.00026	U	0.0012	0.00026	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00036	U *+	0.0012	0.00036	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,1,2-Trichloroethane	0.00021	U	0.0012	0.00021	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,1-Dichloroethane	0.00025	U	0.0012	0.00025	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,1-Dichloroethene	0.00027	U *+	0.0012	0.00027	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,2,3-Trichlorobenzene	0.00022	U	0.0012	0.00022	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,2,4-Trichlorobenzene	0.00043	U	0.0012	0.00043	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,2,4-Trimethylbenzene	0.00030	U	0.0012	0.00030	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,2-Dibromo-3-Chloropropane	0.00055	U	0.0012	0.00055	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,2-Dichlorobenzene	0.00044	U	0.0012	0.00044	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,2-Dichloroethane	0.00036	U	0.0012	0.00036	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,2-Dichloropropane	0.00051	U	0.0012	0.00051	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,3,5-Trimethylbenzene	0.00038	U	0.0012	0.00038	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,3-Dichlorobenzene	0.00044	U	0.0012	0.00044	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
1,4-Dichlorobenzene	0.00027	U	0.0012	0.00027	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
2-Butanone (MEK)	0.00044	U	0.0060	0.00044	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
2-Hexanone	0.0021	U	0.0060	0.0021	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
4-Methyl-2-pentanone (MIBK)	0.0019	U	0.0060	0.0019	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Acetone	**0.016**		0.0072	0.0069	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Benzene	0.00031	U	0.0012	0.00031	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Bromoform	0.00051	U	0.0012	0.00051	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Bromomethane	0.0012	U	0.0024	0.0012	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Carbon disulfide	0.00032	U	0.0012	0.00032	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Carbon tetrachloride	0.00047	U	0.0012	0.00047	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Chlorobenzene	0.00021	U	0.0012	0.00021	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Chlorobromomethane	0.00034	U	0.0012	0.00034	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Chlorodibromomethane	0.00023	U	0.0012	0.00023	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Chloroethane	0.00063	U	0.0012	0.00063	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Chloromethane	0.00052	U	0.0012	0.00052	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
cis-1,2-Dichloroethene	0.00043	U	0.0012	0.00043	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
cis-1,3-Dichloropropene	0.00033	U	0.0012	0.00033	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1

Client Sample ID: SB-13 (2-2.5)
Lab Sample ID: 460-255692-18

Date Collected: 04/05/22 12:55
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 95.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	0.00027	U	0.0012	0.00027	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Dichlorobromomethane	0.00031	U	0.0012	0.00031	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Dichlorodifluoromethane	0.00041	U	0.0012	0.00041	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Ethylbenzene	0.00024	U	0.0012	0.00024	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Ethylene Dibromide	0.00022	U	0.0012	0.00022	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Isopropylbenzene	0.00034	U	0.0012	0.00034	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Methyl acetate	0.0052	U	0.0060	0.0052	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Methyl tert-butyl ether	0.00062	U	0.0012	0.00062	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Methylcyclohexane	0.00060	U	0.0012	0.00060	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Methylene Chloride	0.0014	U	0.0024	0.0014	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
m-Xylene & p-Xylene	0.00021	U	0.0012	0.00021	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
n-Butylbenzene	0.00035	U	0.0012	0.00035	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
N-Propylbenzene	0.00021	U	0.0012	0.00021	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
o-Xylene	0.00023	U	0.0012	0.00023	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
sec-Butylbenzene	0.00035	U	0.0012	0.00035	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Styrene	0.00034	U	0.0012	0.00034	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
tert-Butylbenzene	0.00033	U	0.0012	0.00033	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Tetrachloroethene	**0.023**		0.0012	0.00037	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Toluene	**0.00040**	**J**	0.0012	0.00028	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
trans-1,2-Dichloroethene	0.00030	U	0.0012	0.00030	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
trans-1,3-Dichloropropene	0.00032	U	0.0012	0.00032	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Trichloroethene	0.00039	U	0.0012	0.00039	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Trichlorofluoromethane	0.00049	U	0.0012	0.00049	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Vinyl chloride	0.00066	U	0.0012	0.00066	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1
Xylenes, Total	0.00077	U	0.0024	0.00077	mg/Kg	☼	04/06/22 12:07	04/09/22 01:42	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 12:07*	*04/09/22 01:42*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 145*	*04/06/22 12:07*	*04/09/22 01:42*	*1*
4-Bromofluorobenzene	*96*		*70 - 139*	*04/06/22 12:07*	*04/09/22 01:42*	*1*
Dibromofluoromethane (Surr)	*111*		*48 - 150*	*04/06/22 12:07*	*04/09/22 01:42*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*04/06/22 12:07*	*04/09/22 01:42*	*1*

Client Sample ID: SB-13 (7-7.5)
Lab Sample ID: 460-255692-19

Date Collected: 04/05/22 13:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00025	U	0.0011	0.00025	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,1,2,2-Tetrachloroethane	0.00023	U	0.0011	0.00023	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00032	U *+	0.0011	0.00032	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,1,2-Trichloroethane	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,1-Dichloroethane	0.00022	U	0.0011	0.00022	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,1-Dichloroethene	0.00024	U *+	0.0011	0.00024	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,2,3-Trichlorobenzene	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,2,4-Trichlorobenzene	0.00038	U	0.0011	0.00038	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,2,4-Trimethylbenzene	0.00026	U	0.0011	0.00026	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1

Client Sample ID: SB-13 (7-7.5)
Date Collected: 04/05/22 13:00
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-19
Matrix: Solid
Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.00049	U	0.0011	0.00049	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,2-Dichlorobenzene	0.00039	U	0.0011	0.00039	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,2-Dichloroethane	0.00032	U	0.0011	0.00032	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,2-Dichloropropane	0.00045	U	0.0011	0.00045	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,3,5-Trimethylbenzene	0.00034	U	0.0011	0.00034	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,3-Dichlorobenzene	0.00039	U	0.0011	0.00039	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
1,4-Dichlorobenzene	0.00024	U	0.0011	0.00024	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
2-Butanone (MEK)	0.00040	U	0.0054	0.00040	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
2-Hexanone	0.0018	U	0.0054	0.0018	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
4-Methyl-2-pentanone (MIBK)	0.0017	U	0.0054	0.0017	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Acetone	**0.0082**		0.0064	0.0061	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Benzene	0.00028	U	0.0011	0.00028	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Bromoform	0.00046	U	0.0011	0.00046	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Bromomethane	0.0011	U	0.0021	0.0011	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Carbon disulfide	0.00029	U	0.0011	0.00029	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Carbon tetrachloride	0.00042	U	0.0011	0.00042	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Chlorobenzene	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Chlorobromomethane	0.00030	U	0.0011	0.00030	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Chlorodibromomethane	0.00021	U	0.0011	0.00021	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Chloroethane	0.00056	U	0.0011	0.00056	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Chloroform	0.0010	U	0.0011	0.0010	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Chloromethane	0.00047	U	0.0011	0.00047	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
cis-1,2-Dichloroethene	0.00038	U	0.0011	0.00038	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
cis-1,3-Dichloropropene	0.00029	U	0.0011	0.00029	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Cyclohexane	0.00024	U	0.0011	0.00024	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Dichlorobromomethane	0.00028	U	0.0011	0.00028	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Dichlorodifluoromethane	0.00036	U	0.0011	0.00036	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Ethylbenzene	0.00021	U	0.0011	0.00021	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Ethylene Dibromide	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Isopropylbenzene	0.00031	U	0.0011	0.00031	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Methyl acetate	0.0046	U	0.0054	0.0046	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Methyl tert-butyl ether	0.00055	U	0.0011	0.00055	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Methylcyclohexane	0.00054	U	0.0011	0.00054	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Methylene Chloride	0.0012	U	0.0021	0.0012	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
m-Xylene & p-Xylene	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
n-Butylbenzene	0.00032	U	0.0011	0.00032	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
N-Propylbenzene	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
o-Xylene	0.00021	U	0.0011	0.00021	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
sec-Butylbenzene	0.00031	U	0.0011	0.00031	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Styrene	0.00030	U	0.0011	0.00030	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
tert-Butylbenzene	0.00030	U	0.0011	0.00030	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Tetrachloroethene	**0.00048**	**J**	0.0011	0.00033	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Toluene	0.00025	U	0.0011	0.00025	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
trans-1,2-Dichloroethene	0.00026	U	0.0011	0.00026	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
trans-1,3-Dichloropropene	0.00029	U	0.0011	0.00029	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Trichloroethene	0.00034	U	0.0011	0.00034	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Trichlorofluoromethane	0.00044	U	0.0011	0.00044	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Vinyl chloride	0.00059	U	0.0011	0.00059	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1
Xylenes, Total	0.00069	U	0.0021	0.00069	mg/Kg	☼	04/06/22 12:09	04/09/22 02:04	1

Client Sample ID: SB-13 (7-7.5)
Lab Sample ID: 460-255692-19

Date Collected: 04/05/22 13:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 83.7

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg	☼			04/06/22 12:09	04/09/22 02:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 145	04/06/22 12:09	04/09/22 02:04	1
4-Bromofluorobenzene	97		70 - 139	04/06/22 12:09	04/09/22 02:04	1
Dibromofluoromethane (Surr)	106		48 - 150	04/06/22 12:09	04/09/22 02:04	1
Toluene-d8 (Surr)	94		80 - 120	04/06/22 12:09	04/09/22 02:04	1

Client Sample ID: SB-16 (3-5)
Lab Sample ID: 460-255692-20

Date Collected: 04/05/22 13:20
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 92.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00025	U	0.0011	0.00025	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,1,2,2-Tetrachloroethane	0.00023	U	0.0011	0.00023	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00033	U *+	0.0011	0.00033	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,1,2-Trichloroethane	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,1-Dichloroethane	0.00022	U	0.0011	0.00022	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,1-Dichloroethene	0.00024	U *+	0.0011	0.00024	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,2,3-Trichlorobenzene	0.00020	U	0.0011	0.00020	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,2,4-Trichlorobenzene	0.00039	U	0.0011	0.00039	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,2,4-Trimethylbenzene	0.00027	U	0.0011	0.00027	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,2-Dibromo-3-Chloropropane	0.00050	U	0.0011	0.00050	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,2-Dichlorobenzene	0.00039	U	0.0011	0.00039	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,2-Dichloroethane	0.00032	U	0.0011	0.00032	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,2-Dichloropropane	0.00046	U	0.0011	0.00046	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,3,5-Trimethylbenzene	0.00034	U	0.0011	0.00034	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,3-Dichlorobenzene	0.00040	U	0.0011	0.00040	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
1,4-Dichlorobenzene	0.00024	U	0.0011	0.00024	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
2-Butanone (MEK)	0.00040	U	0.0054	0.00040	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
2-Hexanone	0.0019	U	0.0054	0.0019	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
4-Methyl-2-pentanone (MIBK)	0.0017	U	0.0054	0.0017	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Acetone	**0.017**		0.0065	0.0062	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Benzene	0.00028	U	0.0011	0.00028	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Bromoform	0.00046	U	0.0011	0.00046	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Bromomethane	0.0011	U	0.0022	0.0011	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Carbon disulfide	0.00029	U	0.0011	0.00029	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Carbon tetrachloride	0.00042	U	0.0011	0.00042	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Chlorobenzene	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Chlorobromomethane	0.00031	U	0.0011	0.00031	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Chlorodibromomethane	0.00021	U	0.0011	0.00021	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Chloroethane	0.00057	U	0.0011	0.00057	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Chloromethane	0.00047	U	0.0011	0.00047	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
cis-1,2-Dichloroethene	0.00039	U	0.0011	0.00039	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
cis-1,3-Dichloropropene	0.00030	U	0.0011	0.00030	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Cyclohexane	0.00024	U	0.0011	0.00024	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Dichlorobromomethane	0.00028	U	0.0011	0.00028	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Dichlorodifluoromethane	0.00037	U	0.0011	0.00037	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Ethylbenzene	0.00022	U	0.0011	0.00022	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1

Client Sample ID: SB-16 (3-5)
Lab Sample ID: 460-255692-20

Date Collected: 04/05/22 13:20
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 92.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.00020	U	0.0011	0.00020	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Isopropylbenzene	0.00031	U	0.0011	0.00031	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Methyl acetate	0.0047	U	0.0054	0.0047	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Methyl tert-butyl ether	0.00056	U	0.0011	0.00056	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Methylcyclohexane	0.00054	U	0.0011	0.00054	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Methylene Chloride	0.0012	U	0.0022	0.0012	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
m-Xylene & p-Xylene	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
n-Butylbenzene	0.00032	U	0.0011	0.00032	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
N-Propylbenzene	0.00019	U	0.0011	0.00019	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
o-Xylene	0.00021	U	0.0011	0.00021	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
sec-Butylbenzene	0.00031	U	0.0011	0.00031	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Styrene	0.00030	U	0.0011	0.00030	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
tert-Butylbenzene	0.00030	U	0.0011	0.00030	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Tetrachloroethene	**0.0028**		0.0011	0.00033	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Toluene	0.00025	U	0.0011	0.00025	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
trans-1,2-Dichloroethene	0.00027	U	0.0011	0.00027	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
trans-1,3-Dichloropropene	0.00029	U	0.0011	0.00029	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Trichloroethene	0.00035	U	0.0011	0.00035	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Trichlorofluoromethane	0.00044	U	0.0011	0.00044	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Vinyl chloride	0.00059	U	0.0011	0.00059	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1
Xylenes, Total	0.00070	U	0.0022	0.00070	mg/Kg	☼	04/06/22 12:10	04/09/22 02:27	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 12:10*	*04/09/22 02:27*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 145*	*04/06/22 12:10*	*04/09/22 02:27*	*1*
4-Bromofluorobenzene	*94*		*70 - 139*	*04/06/22 12:10*	*04/09/22 02:27*	*1*
Dibromofluoromethane (Surr)	*109*		*48 - 150*	*04/06/22 12:10*	*04/09/22 02:27*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*04/06/22 12:10*	*04/09/22 02:27*	*1*

Client Sample ID: SB-16 (7-7.5)
Lab Sample ID: 460-255692-21

Date Collected: 04/05/22 13:25
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 95.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00036	U	0.0015	0.00036	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,1,2,2-Tetrachloroethane	0.00033	U	0.0015	0.00033	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00046	U	0.0015	0.00046	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,1,2-Trichloroethane	0.00027	U	0.0015	0.00027	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,1-Dichloroethane	0.00032	U	0.0015	0.00032	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,1-Dichloroethene	0.00035	U	0.0015	0.00035	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,2,3-Trichlorobenzene	0.00028	U	0.0015	0.00028	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,2,4-Trichlorobenzene	0.00055	U	0.0015	0.00055	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,2,4-Trimethylbenzene	0.00038	U	0.0015	0.00038	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,2-Dibromo-3-Chloropropane	0.00071	U	0.0015	0.00071	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,2-Dichlorobenzene	0.00056	U	0.0015	0.00056	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,2-Dichloroethane	0.00046	U	0.0015	0.00046	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,2-Dichloropropane	0.00065	U	0.0015	0.00065	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1

Client Sample ID: SB-16 (7-7.5)
Date Collected: 04/05/22 13:25
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-21
Matrix: Solid
Percent Solids: 95.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	0.00048	U	0.0015	0.00048	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,3-Dichlorobenzene	0.00056	U	0.0015	0.00056	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
1,4-Dichlorobenzene	0.00035	U	0.0015	0.00035	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
2-Butanone (MEK)	0.00057	U	0.0077	0.00057	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
2-Hexanone	0.0026	U	0.0077	0.0026	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
4-Methyl-2-pentanone (MIBK)	0.0024	U	0.0077	0.0024	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Acetone	**0.050**		0.0093	0.0088	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Benzene	0.00040	U	0.0015	0.00040	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Bromoform	0.00066	U	0.0015	0.00066	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Bromomethane	0.0015	U	0.0031	0.0015	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Carbon disulfide	0.00041	U	0.0015	0.00041	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Carbon tetrachloride	0.00060	U	0.0015	0.00060	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Chlorobenzene	0.00027	U	0.0015	0.00027	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Chlorobromomethane	0.00043	U	0.0015	0.00043	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Chlorodibromomethane	0.00030	U	0.0015	0.00030	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Chloroethane	0.00081	U	0.0015	0.00081	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Chloroform	0.0015	U	0.0015	0.0015	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Chloromethane	0.00067	U	0.0015	0.00067	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
cis-1,2-Dichloroethene	0.00055	U	0.0015	0.00055	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
cis-1,3-Dichloropropene	0.00042	U	0.0015	0.00042	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Cyclohexane	0.00034	U	0.0015	0.00034	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Dichlorobromomethane	0.00040	U	0.0015	0.00040	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Dichlorodifluoromethane	0.00052	U	0.0015	0.00052	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Ethylbenzene	0.00031	U	0.0015	0.00031	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Ethylene Dibromide	0.00028	U	0.0015	0.00028	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Isopropylbenzene	0.00044	U	0.0015	0.00044	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Methyl acetate	0.0066	U	0.0077	0.0066	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Methyl tert-butyl ether	0.00079	U	0.0015	0.00079	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Methylcyclohexane	0.00077	U	0.0015	0.00077	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Methylene Chloride	0.0018	U	0.0031	0.0018	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
m-Xylene & p-Xylene	0.00027	U	0.0015	0.00027	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
n-Butylbenzene	0.00045	U	0.0015	0.00045	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
N-Propylbenzene	0.00027	U	0.0015	0.00027	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
o-Xylene	0.00030	U	0.0015	0.00030	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
sec-Butylbenzene	0.00044	U	0.0015	0.00044	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Styrene	0.00043	U	0.0015	0.00043	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
tert-Butylbenzene	0.00043	U	0.0015	0.00043	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Tetrachloroethene	0.00047	U	0.0015	0.00047	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Toluene	0.00036	U	0.0015	0.00036	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
trans-1,2-Dichloroethene	0.00038	U	0.0015	0.00038	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
trans-1,3-Dichloropropene	0.00041	U	0.0015	0.00041	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Trichloroethene	0.00050	U	0.0015	0.00050	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Trichlorofluoromethane	0.00063	U	0.0015	0.00063	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Vinyl chloride	0.00084	U	0.0015	0.00084	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1
Xylenes, Total	0.00099	U	0.0031	0.00099	mg/Kg	☼	04/06/22 12:11	04/09/22 08:09	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*04/06/22 12:11*	*04/09/22 08:09*	*1*

Client Sample ID: SB-16 (7-7.5)
Lab Sample ID: 460-255692-21

Date Collected: 04/05/22 13:25
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 95.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 145*	*04/06/22 12:11*	*04/09/22 08:09*	*1*
4-Bromofluorobenzene	*100*		*70 - 139*	*04/06/22 12:11*	*04/09/22 08:09*	*1*
Dibromofluoromethane (Surr)	*107*		*48 - 150*	*04/06/22 12:11*	*04/09/22 08:09*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*	*04/06/22 12:11*	*04/09/22 08:09*	*1*

Client Sample ID: TB
Lab Sample ID: 460-255692-22

Date Collected: 04/05/22 00:00
Matrix: Water
Date Received: 04/05/22 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			04/08/22 11:02	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			04/08/22 11:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			04/08/22 11:02	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			04/08/22 11:02	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			04/08/22 11:02	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			04/08/22 11:02	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			04/08/22 11:02	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			04/08/22 11:02	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			04/08/22 11:02	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			04/08/22 11:02	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			04/08/22 11:02	1
1,4-Dioxane	28	U	50	28	ug/L			04/08/22 11:02	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			04/08/22 11:02	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			04/08/22 11:02	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			04/08/22 11:02	1
Acetone	4.4	U	5.0	4.4	ug/L			04/08/22 11:02	1
Benzene	0.20	U	1.0	0.20	ug/L			04/08/22 11:02	1
Bromoform	0.54	U	1.0	0.54	ug/L			04/08/22 11:02	1
Bromomethane	0.55	U	1.0	0.55	ug/L			04/08/22 11:02	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			04/08/22 11:02	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			04/08/22 11:02	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			04/08/22 11:02	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			04/08/22 11:02	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			04/08/22 11:02	1
Chloroethane	0.32	U	1.0	0.32	ug/L			04/08/22 11:02	1
Chloroform	0.33	U	1.0	0.33	ug/L			04/08/22 11:02	1
Chloromethane	0.40	U	1.0	0.40	ug/L			04/08/22 11:02	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			04/08/22 11:02	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			04/08/22 11:02	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			04/08/22 11:02	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			04/08/22 11:02	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			04/08/22 11:02	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			04/08/22 11:02	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			04/08/22 11:02	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			04/08/22 11:02	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			04/08/22 11:02	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			04/08/22 11:02	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			04/08/22 11:02	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			04/08/22 11:02	1

Client Sample ID: TB
Lab Sample ID: 460-255692-22

Date Collected: 04/05/22 00:00
Matrix: Water
Date Received: 04/05/22 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			04/08/22 11:02	1
o-Xylene	0.36	U	1.0	0.36	ug/L			04/08/22 11:02	1
Styrene	0.42	U	1.0	0.42	ug/L			04/08/22 11:02	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			04/08/22 11:02	1
Toluene	0.38	U	1.0	0.38	ug/L			04/08/22 11:02	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			04/08/22 11:02	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			04/08/22 11:02	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			04/08/22 11:02	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			04/08/22 11:02	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			04/08/22 11:02	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			04/08/22 11:02	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			04/08/22 11:02	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			04/08/22 11:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*75 - 123*		*04/08/22 11:02*	*1*
4-Bromofluorobenzene	*107*		*76 - 120*		*04/08/22 11:02*	*1*
Dibromofluoromethane (Surr)	*124*		*77 - 124*		*04/08/22 11:02*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*04/08/22 11:02*	*1*

Client Sample ID: FB
Lab Sample ID: 460-255692-23

Date Collected: 04/05/22 08:10
Matrix: Water
Date Received: 04/05/22 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			04/08/22 11:25	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			04/08/22 11:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			04/08/22 11:25	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			04/08/22 11:25	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			04/08/22 11:25	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			04/08/22 11:25	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			04/08/22 11:25	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			04/08/22 11:25	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			04/08/22 11:25	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			04/08/22 11:25	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			04/08/22 11:25	1
1,4-Dioxane	28	U	50	28	ug/L			04/08/22 11:25	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			04/08/22 11:25	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			04/08/22 11:25	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			04/08/22 11:25	1
Acetone	**4.7**	**J**	5.0	4.4	ug/L			04/08/22 11:25	1
Benzene	0.20	U	1.0	0.20	ug/L			04/08/22 11:25	1
Bromoform	0.54	U	1.0	0.54	ug/L			04/08/22 11:25	1
Bromomethane	0.55	U	1.0	0.55	ug/L			04/08/22 11:25	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			04/08/22 11:25	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			04/08/22 11:25	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			04/08/22 11:25	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			04/08/22 11:25	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			04/08/22 11:25	1

Client Sample ID: FB
Lab Sample ID: 460-255692-23

Date Collected: 04/05/22 08:10
Matrix: Water
Date Received: 04/05/22 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	0.32	U	1.0	0.32	ug/L			04/08/22 11:25	1
Chloroform	0.33	U	1.0	0.33	ug/L			04/08/22 11:25	1
Chloromethane	0.40	U	1.0	0.40	ug/L			04/08/22 11:25	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			04/08/22 11:25	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			04/08/22 11:25	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			04/08/22 11:25	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			04/08/22 11:25	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			04/08/22 11:25	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			04/08/22 11:25	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			04/08/22 11:25	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			04/08/22 11:25	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			04/08/22 11:25	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			04/08/22 11:25	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			04/08/22 11:25	1
Methylene Chloride	**2.7**		1.0	0.32	ug/L			04/08/22 11:25	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			04/08/22 11:25	1
o-Xylene	0.36	U	1.0	0.36	ug/L			04/08/22 11:25	1
Styrene	0.42	U	1.0	0.42	ug/L			04/08/22 11:25	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			04/08/22 11:25	1
Toluene	0.38	U	1.0	0.38	ug/L			04/08/22 11:25	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			04/08/22 11:25	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			04/08/22 11:25	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			04/08/22 11:25	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			04/08/22 11:25	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			04/08/22 11:25	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			04/08/22 11:25	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			04/08/22 11:25	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			04/08/22 11:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*75 - 123*		*04/08/22 11:25*	*1*
4-Bromofluorobenzene	*100*		*76 - 120*		*04/08/22 11:25*	*1*
Dibromofluoromethane (Surr)	*123*		*77 - 124*		*04/08/22 11:25*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*04/08/22 11:25*	*1*

Surrogate Summary

Client: Environmental Compliance & Control Inc
Job ID: 460-255692-1
Project/Site: Bridge Cleaners

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-145)	(70-139)	(48-150)	(80-120)
460-255692-1	SB-8 (0-5)	103	95	106	99
460-255692-2	SB-8 (8-8.5)	98	92	102	97
460-255692-3	SB-11 (4-4.5)	101	96	105	101
460-255692-4	SB-11 (9.5-10)	101	94	105	98
460-255692-5	SB-14 (4-5)	104	95	105	98
460-255692-6	SB-14 (6-10)	102	97	105	95
460-255692-7	SB-15 (3-5)	106	93	109	96
460-255692-8	SB-15 (12-13)	102	90	105	95
460-255692-9	DUP	104	99	107	92
460-255692-10	SB-9 (4-5)	105	100	108	95
460-255692-11	SB-9 (7-7.5)	105	94	106	95
460-255692-12	SB-12 (0-5)	110	100	111	101
460-255692-13	SB-12 (7-8)	106	95	108	98
460-255692-14	SB-12 (15-15.5)	104	99	108	100
460-255692-15	SB-10 (2.5-5)	102	94	104	96
460-255692-16	SB-10 (7-7.5)	102	96	105	96
460-255692-17	SB-10 (15-15.5)	101	90	102	94
460-255692-18	SB-13 (2-2.5)	111	96	111	101
460-255692-19	SB-13 (7-7.5)	104	97	106	94
460-255692-20	SB-16 (3-5)	106	94	109	100
460-255692-21	SB-16 (7-7.5)	100	100	107	89
LB3 460-837649/1-A	Method Blank	98	96	102	100
LCS 460-838140/3	Lab Control Sample	101	100	104	93
LCS 460-838227/3	Lab Control Sample	105	102	101	103
LCSD 460-838140/4	Lab Control Sample Dup	106	106	104	101
LCSD 460-838227/4	Lab Control Sample Dup	110	102	102	100
MB 460-838140/9	Method Blank	103	100	104	98
MB 460-838227/7	Method Blank	103	101	105	99

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-123)	(76-120)	(77-124)	(80-120)
460-255692-22	TB	120	107	124	108
460-255692-23	FB	118	100	123	105
LCS 460-838022/4	Lab Control Sample	101	94	105	95
LCSD 460-838022/5	Lab Control Sample Dup	101	100	103	99
MB 460-838022/9	Method Blank	112	106	118	104

Surrogate Legend

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

Surrogate Summary

Client: Environmental Compliance & Control Inc
Job ID: 460-255692-1
Project/Site: Bridge Cleaners

TOL = Toluene-d8 (Surr)

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

Lab Sample ID: LB3 460-837649/1-A
Matrix: Solid
Analysis Batch: 838140

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 837649

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
1,2,4-Trimethylbenzene	0.00025	U	0.0010	0.00025	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
1,2-Dichloropropane	0.00042	U	0.0010	0.00042	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
1,3,5-Trimethylbenzene	0.00031	U	0.0010	0.00031	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
1,3-Dichlorobenzene	0.00037	U	0.0010	0.00037	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
2-Butanone (MEK)	0.00037	U	0.0050	0.00037	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
2-Hexanone	0.0017	U	0.0050	0.0017	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Acetone	0.0057	U	0.0060	0.0057	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Benzene	0.00026	U	0.0010	0.00026	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Bromoform	0.00043	U	0.0010	0.00043	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Bromomethane	0.0010	U	0.0020	0.0010	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Carbon disulfide	0.00027	U	0.0010	0.00027	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Carbon tetrachloride	0.00039	U	0.0010	0.00039	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Chlorobromomethane	0.00028	U	0.0010	0.00028	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Chlorodibromomethane	0.00019	U	0.0010	0.00019	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Chloroethane	0.00052	U	0.0010	0.00052	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Chloroform	0.00097	U	0.0010	0.00097	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Chloromethane	0.00044	U	0.0010	0.00044	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
cis-1,2-Dichloroethene	0.00036	U	0.0010	0.00036	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Cyclohexane	0.00022	U	0.0010	0.00022	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Dichlorobromomethane	0.00026	U	0.0010	0.00026	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Dichlorodifluoromethane	0.00034	U	0.0010	0.00034	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Isopropylbenzene	0.00029	U	0.0010	0.00029	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Methyl acetate	0.0043	U	0.0050	0.0043	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Methyl tert-butyl ether	0.00051	U	0.0010	0.00051	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Methylcyclohexane	0.00050	U	0.0010	0.00050	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Methylene Chloride	0.0011	U	0.0020	0.0011	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
n-Butylbenzene	0.00029	U	0.0010	0.00029	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
N-Propylbenzene	0.00018	U	0.0010	0.00018	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
o-Xylene	0.00019	U	0.0010	0.00019	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
sec-Butylbenzene	0.00029	U	0.0010	0.00029	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Styrene	0.00028	U	0.0010	0.00028	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
tert-Butylbenzene	0.00028	U	0.0010	0.00028	mg/Kg		04/06/22 11:37	04/08/22 19:01	1

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

Lab Sample ID: LB3 460-837649/1-A
Matrix: Solid
Analysis Batch: 838140

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 837649

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Tetrachloroethene	0.00031	U	0.0010	0.00031	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Trichloroethene	0.00032	U	0.0010	0.00032	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Trichlorofluoromethane	0.00041	U	0.0010	0.00041	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Vinyl chloride	0.00055	U	0.0010	0.00055	mg/Kg		04/06/22 11:37	04/08/22 19:01	1
Xylenes, Total	0.00064	U	0.0020	0.00064	mg/Kg		04/06/22 11:37	04/08/22 19:01	1

Tentatively Identified Compound	*LB3 Est. Result*	*LB3 Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*				*04/06/22 11:37*	*04/08/22 19:01*	*1*

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 145*	*04/06/22 11:37*	*04/08/22 19:01*	*1*
4-Bromofluorobenzene	*96*		*70 - 139*	*04/06/22 11:37*	*04/08/22 19:01*	*1*
Dibromofluoromethane (Surr)	*102*		*48 - 150*	*04/06/22 11:37*	*04/08/22 19:01*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*04/06/22 11:37*	*04/08/22 19:01*	*1*

Lab Sample ID: MB 460-838022/9
Matrix: Water
Analysis Batch: 838022

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			04/08/22 08:46	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			04/08/22 08:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			04/08/22 08:46	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			04/08/22 08:46	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			04/08/22 08:46	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			04/08/22 08:46	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			04/08/22 08:46	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			04/08/22 08:46	1
1,4-Dioxane	28	U	50	28	ug/L			04/08/22 08:46	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			04/08/22 08:46	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			04/08/22 08:46	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			04/08/22 08:46	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			04/08/22 08:46	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			04/08/22 08:46	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			04/08/22 08:46	1
Acetone	4.4	U	5.0	4.4	ug/L			04/08/22 08:46	1
Benzene	0.20	U	1.0	0.20	ug/L			04/08/22 08:46	1
Bromoform	0.54	U	1.0	0.54	ug/L			04/08/22 08:46	1
Bromomethane	0.55	U	1.0	0.55	ug/L			04/08/22 08:46	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			04/08/22 08:46	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			04/08/22 08:46	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			04/08/22 08:46	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			04/08/22 08:46	1

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

Lab Sample ID: MB 460-838022/9
Matrix: Water
Analysis Batch: 838022

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			04/08/22 08:46	1
Chloroethane	0.32	U	1.0	0.32	ug/L			04/08/22 08:46	1
Chloroform	0.33	U	1.0	0.33	ug/L			04/08/22 08:46	1
Chloromethane	0.40	U	1.0	0.40	ug/L			04/08/22 08:46	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			04/08/22 08:46	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			04/08/22 08:46	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			04/08/22 08:46	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			04/08/22 08:46	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			04/08/22 08:46	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			04/08/22 08:46	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			04/08/22 08:46	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			04/08/22 08:46	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			04/08/22 08:46	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			04/08/22 08:46	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			04/08/22 08:46	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			04/08/22 08:46	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			04/08/22 08:46	1
o-Xylene	0.36	U	1.0	0.36	ug/L			04/08/22 08:46	1
Styrene	0.42	U	1.0	0.42	ug/L			04/08/22 08:46	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			04/08/22 08:46	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			04/08/22 08:46	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			04/08/22 08:46	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			04/08/22 08:46	1
Toluene	0.38	U	1.0	0.38	ug/L			04/08/22 08:46	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			04/08/22 08:46	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			04/08/22 08:46	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			04/08/22 08:46	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			04/08/22 08:46	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			04/08/22 08:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*75 - 123*		*04/08/22 08:46*	*1*
4-Bromofluorobenzene	*106*		*76 - 120*		*04/08/22 08:46*	*1*
Dibromofluoromethane (Surr)	*118*		*77 - 124*		*04/08/22 08:46*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*04/08/22 08:46*	*1*

Lab Sample ID: LCS 460-838022/4
Matrix: Water
Analysis Batch: 838022

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	19.7		ug/L		99	68 - 128
1,1,2,2-Tetrachloroethane	20.0	16.6		ug/L		83	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.1		ug/L		90	59 - 142
1,1,2-Trichloroethane	20.0	18.2		ug/L		91	74 - 125
1,1-Dichloroethane	20.0	19.4		ug/L		97	73 - 130
1,1-Dichloroethene	20.0	19.1		ug/L		96	68 - 133
1,2,3-Trichlorobenzene	20.0	22.4		ug/L		112	53 - 144

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

Lab Sample ID: LCS 460-838022/4
Matrix: Water
Analysis Batch: 838022

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	20.0	20.3		ug/L		102	64 - 132
1,4-Dioxane	400	396		ug/L		99	70 - 142
1,2-Dichloropropane	20.0	17.8		ug/L		89	76 - 126
1,3-Dichlorobenzene	20.0	19.1		ug/L		95	80 - 121
1,4-Dichlorobenzene	20.0	19.4		ug/L		97	80 - 118
2-Butanone (MEK)	100	98.6		ug/L		99	69 - 128
2-Hexanone	100	94.4		ug/L		94	74 - 127
4-Methyl-2-pentanone (MIBK)	100	96.0		ug/L		96	69 - 128
Acetone	100	104		ug/L		104	61 - 134
Benzene	20.0	18.2		ug/L		91	78 - 126
Bromoform	20.0	18.6		ug/L		93	38 - 144
Bromomethane	20.0	21.5		ug/L		108	43 - 150
Carbon disulfide	20.0	19.8		ug/L		99	64 - 138
Carbon tetrachloride	20.0	20.3		ug/L		102	56 - 131
Chlorobenzene	20.0	18.9		ug/L		94	80 - 119
Chlorobromomethane	20.0	20.7		ug/L		103	73 - 126
Chlorodibromomethane	20.0	18.8		ug/L		94	58 - 130
Chloroethane	20.0	21.3		ug/L		107	50 - 150
Chloroform	20.0	19.9		ug/L		99	78 - 125
Chloromethane	20.0	19.0		ug/L		95	38 - 150
cis-1,2-Dichloroethene	20.0	19.6		ug/L		98	78 - 121
cis-1,3-Dichloropropene	20.0	17.6		ug/L		88	74 - 125
Cyclohexane	20.0	19.1		ug/L		95	67 - 133
Dichlorobromomethane	20.0	19.4		ug/L		97	72 - 121
Dichlorodifluoromethane	20.0	19.6		ug/L		98	31 - 150
Ethylbenzene	20.0	18.9		ug/L		94	78 - 120
Ethylene Dibromide	20.0	19.2		ug/L		96	69 - 126
Isopropylbenzene	20.0	18.6		ug/L		93	79 - 125
Methyl acetate	40.0	41.0		ug/L		103	70 - 127
Methyl tert-butyl ether	20.0	19.9		ug/L		99	65 - 131
Methylcyclohexane	20.0	21.1		ug/L		106	60 - 139
Methylene Chloride	20.0	20.0		ug/L		100	74 - 127
m-Xylene & p-Xylene	20.0	18.5		ug/L		93	78 - 123
o-Xylene	20.0	18.2		ug/L		91	78 - 122
Styrene	20.0	17.4		ug/L		87	75 - 127
1,2-Dichloroethane	20.0	18.8		ug/L		94	75 - 121
1,2-Dichlorobenzene	20.0	19.4		ug/L		97	79 - 122
Tetrachloroethene	20.0	20.5		ug/L		103	70 - 127
1,2-Dibromo-3-Chloropropane	20.0	19.4		ug/L		97	41 - 143
Toluene	20.0	18.2		ug/L		91	78 - 119
trans-1,2-Dichloroethene	20.0	20.1		ug/L		100	74 - 126
trans-1,3-Dichloropropene	20.0	17.4		ug/L		87	66 - 127
Trichloroethene	20.0	20.1		ug/L		100	71 - 121
Trichlorofluoromethane	20.0	21.1		ug/L		105	61 - 140
Vinyl chloride	20.0	20.9		ug/L		104	61 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 123*

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

Lab Sample ID: LCS 460-838022/4
Matrix: Water
Analysis Batch: 838022

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*94*		*76 - 120*
Dibromofluoromethane (Surr)	*105*		*77 - 124*
Toluene-d8 (Surr)	*95*		*80 - 120*

Lab Sample ID: LCSD 460-838022/5
Matrix: Water
Analysis Batch: 838022

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	19.5		ug/L		97	68 - 128	1	30
1,1,2,2-Tetrachloroethane			20.0	16.9		ug/L		85	63 - 139	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	22.0		ug/L		110	59 - 142	20	30
1,1,2-Trichloroethane			20.0	18.5		ug/L		93	74 - 125	2	30
1,1-Dichloroethane			20.0	19.0		ug/L		95	73 - 130	2	30
1,1-Dichloroethene			20.0	20.5		ug/L		102	68 - 133	7	30
1,2,3-Trichlorobenzene			20.0	22.9		ug/L		114	53 - 144	2	30
1,2,4-Trichlorobenzene			20.0	19.8		ug/L		99	64 - 132	2	30
1,4-Dioxane			400	363		ug/L		91	70 - 142	9	30
1,2-Dichloropropane			20.0	18.0		ug/L		90	76 - 126	1	30
1,3-Dichlorobenzene			20.0	18.7		ug/L		93	80 - 121	2	30
1,4-Dichlorobenzene			20.0	18.5		ug/L		92	80 - 118	5	30
2-Butanone (MEK)			100	100		ug/L		100	69 - 128	1	30
2-Hexanone			100	95.5		ug/L		96	74 - 127	1	30
4-Methyl-2-pentanone (MIBK)			100	94.3		ug/L		94	69 - 128	2	30
Acetone			100	108		ug/L		108	61 - 134	4	30
Benzene			20.0	18.4		ug/L		92	78 - 126	1	30
Bromoform			20.0	18.9		ug/L		94	38 - 144	2	30
Bromomethane			20.0	21.4		ug/L		107	43 - 150	1	30
Carbon disulfide			20.0	19.7		ug/L		99	64 - 138	0	30
Carbon tetrachloride			20.0	20.6		ug/L		103	56 - 131	1	30
Chlorobenzene			20.0	19.2		ug/L		96	80 - 119	2	30
Chlorobromomethane			20.0	20.5		ug/L		103	73 - 126	1	30
Chlorodibromomethane			20.0	19.3		ug/L		97	58 - 130	3	30
Chloroethane			20.0	19.8		ug/L		99	50 - 150	8	30
Chloroform			20.0	19.5		ug/L		98	78 - 125	2	30
Chloromethane			20.0	17.9		ug/L		90	38 - 150	6	30
cis-1,2-Dichloroethene			20.0	19.3		ug/L		96	78 - 121	2	30
cis-1,3-Dichloropropene			20.0	18.2		ug/L		91	74 - 125	3	30
Cyclohexane			20.0	19.8		ug/L		99	67 - 133	4	30
Dichlorobromomethane			20.0	19.2		ug/L		96	72 - 121	1	30
Dichlorodifluoromethane			20.0	20.5		ug/L		103	31 - 150	4	30
Ethylbenzene			20.0	19.3		ug/L		97	78 - 120	3	30
Ethylene Dibromide			20.0	19.5		ug/L		97	69 - 126	2	30
Isopropylbenzene			20.0	19.0		ug/L		95	79 - 125	2	30
Methyl acetate			40.0	39.0		ug/L		98	70 - 127	5	30
Methyl tert-butyl ether			20.0	19.3		ug/L		96	65 - 131	3	30
Methylcyclohexane			20.0	20.8		ug/L		104	60 - 139	1	30
Methylene Chloride			20.0	19.6		ug/L		98	74 - 127	2	30

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

Lab Sample ID: LCSD 460-838022/5
Matrix: Water
Analysis Batch: 838022

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene			20.0	19.3		ug/L		97	78 - 123	4	30
o-Xylene			20.0	18.9		ug/L		94	78 - 122	4	30
Styrene			20.0	17.4		ug/L		87	75 - 127	0	30
1,2-Dichloroethane			20.0	18.6		ug/L		93	75 - 121	1	30
1,2-Dichlorobenzene			20.0	18.9		ug/L		94	79 - 122	3	30
Tetrachloroethene			20.0	20.8		ug/L		104	70 - 127	1	30
1,2-Dibromo-3-Chloropropane			20.0	20.0		ug/L		100	41 - 143	3	30
Toluene			20.0	18.5		ug/L		93	78 - 119	2	30
trans-1,2-Dichloroethene			20.0	19.5		ug/L		97	74 - 126	3	30
trans-1,3-Dichloropropene			20.0	17.9		ug/L		90	66 - 127	3	30
Trichloroethene			20.0	19.9		ug/L		99	71 - 121	1	30
Trichlorofluoromethane			20.0	23.9		ug/L		119	61 - 140	12	30
Vinyl chloride			20.0	20.8		ug/L		104	61 - 144	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 123*
4-Bromofluorobenzene	*100*		*76 - 120*
Dibromofluoromethane (Surr)	*103*		*77 - 124*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 460-838140/9
Matrix: Solid
Analysis Batch: 838140

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023	mg/Kg			04/08/22 18:39	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021	mg/Kg			04/08/22 18:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030	mg/Kg			04/08/22 18:39	1
1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018	mg/Kg			04/08/22 18:39	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg			04/08/22 18:39	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg			04/08/22 18:39	1
1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			04/08/22 18:39	1
1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			04/08/22 18:39	1
1,2,4-Trimethylbenzene	0.00025	U	0.0010	0.00025	mg/Kg			04/08/22 18:39	1
1,2-Dichloropropane	0.00042	U	0.0010	0.00042	mg/Kg			04/08/22 18:39	1
1,3,5-Trimethylbenzene	0.00031	U	0.0010	0.00031	mg/Kg			04/08/22 18:39	1
1,3-Dichlorobenzene	0.00037	U	0.0010	0.00037	mg/Kg			04/08/22 18:39	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg			04/08/22 18:39	1
2-Butanone (MEK)	0.00037	U	0.0050	0.00037	mg/Kg			04/08/22 18:39	1
2-Hexanone	0.0017	U	0.0050	0.0017	mg/Kg			04/08/22 18:39	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016	mg/Kg			04/08/22 18:39	1
Acetone	0.0057	U	0.0060	0.0057	mg/Kg			04/08/22 18:39	1
Benzene	0.00026	U	0.0010	0.00026	mg/Kg			04/08/22 18:39	1
Bromoform	0.00043	U	0.0010	0.00043	mg/Kg			04/08/22 18:39	1
Bromomethane	0.0010	U	0.0020	0.0010	mg/Kg			04/08/22 18:39	1
Carbon disulfide	0.00027	U	0.0010	0.00027	mg/Kg			04/08/22 18:39	1
Carbon tetrachloride	0.00039	U	0.0010	0.00039	mg/Kg			04/08/22 18:39	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			04/08/22 18:39	1

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

Lab Sample ID: MB 460-838140/9
Matrix: Solid
Analysis Batch: 838140

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.00028	U	0.0010	0.00028	mg/Kg			04/08/22 18:39	1
Chlorodibromomethane	0.00019	U	0.0010	0.00019	mg/Kg			04/08/22 18:39	1
Chloroethane	0.00052	U	0.0010	0.00052	mg/Kg			04/08/22 18:39	1
Chloroform	0.00097	U	0.0010	0.00097	mg/Kg			04/08/22 18:39	1
Chloromethane	0.00044	U	0.0010	0.00044	mg/Kg			04/08/22 18:39	1
cis-1,2-Dichloroethene	0.00036	U	0.0010	0.00036	mg/Kg			04/08/22 18:39	1
cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			04/08/22 18:39	1
Cyclohexane	0.00022	U	0.0010	0.00022	mg/Kg			04/08/22 18:39	1
Dichlorobromomethane	0.00026	U	0.0010	0.00026	mg/Kg			04/08/22 18:39	1
Dichlorodifluoromethane	0.00034	U	0.0010	0.00034	mg/Kg			04/08/22 18:39	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg			04/08/22 18:39	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg			04/08/22 18:39	1
Isopropylbenzene	0.00029	U	0.0010	0.00029	mg/Kg			04/08/22 18:39	1
Methyl acetate	0.0043	U	0.0050	0.0043	mg/Kg			04/08/22 18:39	1
Methyl tert-butyl ether	0.00051	U	0.0010	0.00051	mg/Kg			04/08/22 18:39	1
Methylcyclohexane	0.00050	U	0.0010	0.00050	mg/Kg			04/08/22 18:39	1
Methylene Chloride	0.0011	U	0.0020	0.0011	mg/Kg			04/08/22 18:39	1
m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017	mg/Kg			04/08/22 18:39	1
n-Butylbenzene	0.00029	U	0.0010	0.00029	mg/Kg			04/08/22 18:39	1
N-Propylbenzene	0.00018	U	0.0010	0.00018	mg/Kg			04/08/22 18:39	1
o-Xylene	0.00019	U	0.0010	0.00019	mg/Kg			04/08/22 18:39	1
sec-Butylbenzene	0.00029	U	0.0010	0.00029	mg/Kg			04/08/22 18:39	1
Styrene	0.00028	U	0.0010	0.00028	mg/Kg			04/08/22 18:39	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg			04/08/22 18:39	1
tert-Butylbenzene	0.00028	U	0.0010	0.00028	mg/Kg			04/08/22 18:39	1
1,2-Dichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			04/08/22 18:39	1
Tetrachloroethene	0.00031	U	0.0010	0.00031	mg/Kg			04/08/22 18:39	1
1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046	mg/Kg			04/08/22 18:39	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg			04/08/22 18:39	1
trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025	mg/Kg			04/08/22 18:39	1
trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			04/08/22 18:39	1
Trichloroethene	0.00032	U	0.0010	0.00032	mg/Kg			04/08/22 18:39	1
Trichlorofluoromethane	0.00041	U	0.0010	0.00041	mg/Kg			04/08/22 18:39	1
Vinyl chloride	0.00055	U	0.0010	0.00055	mg/Kg			04/08/22 18:39	1
Xylenes, Total	0.00064	U	0.0020	0.00064	mg/Kg			04/08/22 18:39	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*					*04/08/22 18:39*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 145*		*04/08/22 18:39*	*1*
4-Bromofluorobenzene	*100*		*70 - 139*		*04/08/22 18:39*	*1*
Dibromofluoromethane (Surr)	*104*		*48 - 150*		*04/08/22 18:39*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*04/08/22 18:39*	*1*

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

Lab Sample ID: LCS 460-838140/3
Matrix: Solid
Analysis Batch: 838140

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0226		mg/Kg		113	78 - 132
1,1,2,2-Tetrachloroethane	0.0200	0.0185		mg/Kg		93	69 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0274	*+	mg/Kg		137	78 - 136
1,1,2-Trichloroethane	0.0200	0.0183		mg/Kg		91	75 - 120
1,1-Dichloroethane	0.0200	0.0215		mg/Kg		107	76 - 129
1,1-Dichloroethene	0.0200	0.0268	*+	mg/Kg		134	77 - 132
1,2,3-Trichlorobenzene	0.0200	0.0204		mg/Kg		102	65 - 144
1,2,4-Trichlorobenzene	0.0200	0.0206		mg/Kg		103	75 - 120
1,2,4-Trimethylbenzene	0.0200	0.0195		mg/Kg		98	79 - 120
1,2-Dichloropropane	0.0200	0.0197		mg/Kg		98	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0190		mg/Kg		95	79 - 120
1,3-Dichlorobenzene	0.0200	0.0205		mg/Kg		103	80 - 120
1,4-Dichlorobenzene	0.0200	0.0201		mg/Kg		101	80 - 120
2-Butanone (MEK)	0.100	0.0995		mg/Kg		99	75 - 120
2-Hexanone	0.100	0.0974		mg/Kg		97	78 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0905		mg/Kg		90	80 - 122
Acetone	0.100	0.113		mg/Kg		113	63 - 131
Benzene	0.0200	0.0195		mg/Kg		97	80 - 123
Bromoform	0.0200	0.0186		mg/Kg		93	48 - 142
Bromomethane	0.0200	0.0233		mg/Kg		117	46 - 150
Carbon disulfide	0.0200	0.0260		mg/Kg		130	67 - 136
Carbon tetrachloride	0.0200	0.0223		mg/Kg		112	72 - 136
Chlorobenzene	0.0200	0.0201		mg/Kg		100	80 - 120
Chlorobromomethane	0.0200	0.0205		mg/Kg		102	76 - 127
Chlorodibromomethane	0.0200	0.0183		mg/Kg		91	62 - 128
Chloroethane	0.0200	0.0232		mg/Kg		116	49 - 150
Chloroform	0.0200	0.0209		mg/Kg		105	79 - 126
Chloromethane	0.0200	0.0219		mg/Kg		109	48 - 150
cis-1,2-Dichloroethene	0.0200	0.0217		mg/Kg		109	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0185		mg/Kg		92	72 - 120
Cyclohexane	0.0200	0.0217		mg/Kg		109	80 - 132
Dichlorobromomethane	0.0200	0.0188		mg/Kg		94	73 - 124
Dichlorodifluoromethane	0.0200	0.0223		mg/Kg		112	40 - 146
Ethylbenzene	0.0200	0.0197		mg/Kg		99	80 - 120
Ethylene Dibromide	0.0200	0.0191		mg/Kg		95	79 - 120
Isopropylbenzene	0.0200	0.0173		mg/Kg		87	80 - 120
Methyl acetate	0.0400	0.0391		mg/Kg		98	58 - 143
Methyl tert-butyl ether	0.0200	0.0212		mg/Kg		106	80 - 125
Methylcyclohexane	0.0200	0.0209		mg/Kg		105	79 - 133
Methylene Chloride	0.0200	0.0231		mg/Kg		115	76 - 127
m-Xylene & p-Xylene	0.0200	0.0199		mg/Kg		100	80 - 120
n-Butylbenzene	0.0200	0.0191		mg/Kg		95	77 - 123
N-Propylbenzene	0.0200	0.0202		mg/Kg		101	78 - 120
o-Xylene	0.0200	0.0175		mg/Kg		87	80 - 120
sec-Butylbenzene	0.0200	0.0187		mg/Kg		93	78 - 120
Styrene	0.0200	0.0192		mg/Kg		96	80 - 120
1,2-Dichloroethane	0.0200	0.0200		mg/Kg		100	70 - 132
tert-Butylbenzene	0.0200	0.0181		mg/Kg		91	76 - 120

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

Lab Sample ID: LCS 460-838140/3
Matrix: Solid
Analysis Batch: 838140

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2-Dichlorobenzene			0.0200	0.0198		mg/Kg		99	80 - 120		
Tetrachloroethene			0.0200	0.0198		mg/Kg		99	78 - 123		
1,2-Dibromo-3-Chloropropane			0.0200	0.0170		mg/Kg		85	60 - 126		
Toluene			0.0200	0.0190		mg/Kg		95	80 - 120		
trans-1,2-Dichloroethene			0.0200	0.0226		mg/Kg		113	78 - 128		
trans-1,3-Dichloropropene			0.0200	0.0182		mg/Kg		91	68 - 120		
Trichloroethene			0.0200	0.0191		mg/Kg		95	79 - 120		
Trichlorofluoromethane			0.0200	0.0247		mg/Kg		123	67 - 142		
Vinyl chloride			0.0200	0.0224		mg/Kg		112	56 - 147		
Xylenes, Total			0.0400	0.0374		mg/Kg		93	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 145*
4-Bromofluorobenzene	*100*		*70 - 139*
Dibromofluoromethane (Surr)	*104*		*48 - 150*
Toluene-d8 (Surr)	*93*		*80 - 120*

Lab Sample ID: LCSD 460-838140/4
Matrix: Solid
Analysis Batch: 838140

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0220		mg/Kg		110	78 - 132	3	30
1,1,2,2-Tetrachloroethane			0.0200	0.0199		mg/Kg		100	69 - 123	7	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0270		mg/Kg		135	78 - 136	1	30
1,1,2-Trichloroethane			0.0200	0.0201		mg/Kg		100	75 - 120	9	30
1,1-Dichloroethane			0.0200	0.0218		mg/Kg		109	76 - 129	2	30
1,1-Dichloroethene			0.0200	0.0259		mg/Kg		129	77 - 132	3	30
1,2,3-Trichlorobenzene			0.0200	0.0208		mg/Kg		104	65 - 144	2	30
1,2,4-Trichlorobenzene			0.0200	0.0207		mg/Kg		103	75 - 120	0	30
1,2,4-Trimethylbenzene			0.0200	0.0195		mg/Kg		97	79 - 120	0	30
1,2-Dichloropropane			0.0200	0.0207		mg/Kg		104	73 - 124	5	30
1,3,5-Trimethylbenzene			0.0200	0.0191		mg/Kg		96	79 - 120	1	30
1,3-Dichlorobenzene			0.0200	0.0204		mg/Kg		102	80 - 120	1	30
1,4-Dichlorobenzene			0.0200	0.0198		mg/Kg		99	80 - 120	2	30
2-Butanone (MEK)			0.100	0.0941		mg/Kg		94	75 - 120	6	30
2-Hexanone			0.100	0.0902		mg/Kg		90	78 - 120	8	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0853		mg/Kg		85	80 - 122	6	30
Acetone			0.100	0.109		mg/Kg		109	63 - 131	4	30
Benzene			0.0200	0.0216		mg/Kg		108	80 - 123	10	30
Bromoform			0.0200	0.0201		mg/Kg		101	48 - 142	8	30
Bromomethane			0.0200	0.0230		mg/Kg		115	46 - 150	2	30
Carbon disulfide			0.0200	0.0261		mg/Kg		131	67 - 136	1	30
Carbon tetrachloride			0.0200	0.0222		mg/Kg		111	72 - 136	1	30
Chlorobenzene			0.0200	0.0206		mg/Kg		103	80 - 120	2	30
Chlorobromomethane			0.0200	0.0209		mg/Kg		104	76 - 127	2	30
Chlorodibromomethane			0.0200	0.0195		mg/Kg		98	62 - 128	7	30
Chloroethane			0.0200	0.0232		mg/Kg		116	49 - 150	0	30

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

Lab Sample ID: LCSD 460-838140/4
Matrix: Solid
Analysis Batch: 838140

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloroform			0.0200	0.0202		mg/Kg		101	79 - 126	3	30
Chloromethane			0.0200	0.0228		mg/Kg		114	48 - 150	4	30
cis-1,2-Dichloroethene			0.0200	0.0220		mg/Kg		110	80 - 123	1	30
cis-1,3-Dichloropropene			0.0200	0.0199		mg/Kg		100	72 - 120	7	30
Cyclohexane			0.0200	0.0233		mg/Kg		117	80 - 132	7	30
Dichlorobromomethane			0.0200	0.0193		mg/Kg		97	73 - 124	3	30
Dichlorodifluoromethane			0.0200	0.0240		mg/Kg		120	40 - 146	7	30
Ethylbenzene			0.0200	0.0202		mg/Kg		101	80 - 120	3	30
Ethylene Dibromide			0.0200	0.0200		mg/Kg		100	79 - 120	5	30
Isopropylbenzene			0.0200	0.0182		mg/Kg		91	80 - 120	5	30
Methyl acetate			0.0400	0.0487		mg/Kg		122	58 - 143	22	30
Methyl tert-butyl ether			0.0200	0.0236		mg/Kg		118	80 - 125	11	30
Methylcyclohexane			0.0200	0.0209		mg/Kg		105	79 - 133	0	30
Methylene Chloride			0.0200	0.0231		mg/Kg		115	76 - 127	0	30
m-Xylene & p-Xylene			0.0200	0.0206		mg/Kg		103	80 - 120	4	30
n-Butylbenzene			0.0200	0.0190		mg/Kg		95	77 - 123	0	30
N-Propylbenzene			0.0200	0.0204		mg/Kg		102	78 - 120	1	30
o-Xylene			0.0200	0.0185		mg/Kg		92	80 - 120	6	30
sec-Butylbenzene			0.0200	0.0191		mg/Kg		96	78 - 120	2	30
Styrene			0.0200	0.0197		mg/Kg		98	80 - 120	3	30
1,2-Dichloroethane			0.0200	0.0205		mg/Kg		102	70 - 132	2	30
tert-Butylbenzene			0.0200	0.0190		mg/Kg		95	76 - 120	4	30
1,2-Dichlorobenzene			0.0200	0.0199		mg/Kg		99	80 - 120	1	30
Tetrachloroethene			0.0200	0.0206		mg/Kg		103	78 - 123	4	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0199		mg/Kg		100	60 - 126	16	30
Toluene			0.0200	0.0205		mg/Kg		102	80 - 120	7	30
trans-1,2-Dichloroethene			0.0200	0.0250		mg/Kg		125	78 - 128	10	30
trans-1,3-Dichloropropene			0.0200	0.0199		mg/Kg		99	68 - 120	9	30
Trichloroethene			0.0200	0.0203		mg/Kg		101	79 - 120	6	30
Trichlorofluoromethane			0.0200	0.0255		mg/Kg		127	67 - 142	3	30
Vinyl chloride			0.0200	0.0239		mg/Kg		120	56 - 147	7	30
Xylenes, Total			0.0400	0.0391		mg/Kg		98	80 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 145*
4-Bromofluorobenzene	*106*		*70 - 139*
Dibromofluoromethane (Surr)	*104*		*48 - 150*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: MB 460-838227/7
Matrix: Solid
Analysis Batch: 838227

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023	mg/Kg			04/09/22 07:22	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021	mg/Kg			04/09/22 07:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030	mg/Kg			04/09/22 07:22	1
1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018	mg/Kg			04/09/22 07:22	1

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

Lab Sample ID: MB 460-838227/7
Matrix: Solid
Analysis Batch: 838227

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg			04/09/22 07:22	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg			04/09/22 07:22	1
1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			04/09/22 07:22	1
1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			04/09/22 07:22	1
1,2,4-Trimethylbenzene	0.00025	U	0.0010	0.00025	mg/Kg			04/09/22 07:22	1
1,2-Dichloropropane	0.00042	U	0.0010	0.00042	mg/Kg			04/09/22 07:22	1
1,3,5-Trimethylbenzene	0.00031	U	0.0010	0.00031	mg/Kg			04/09/22 07:22	1
1,3-Dichlorobenzene	0.00037	U	0.0010	0.00037	mg/Kg			04/09/22 07:22	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg			04/09/22 07:22	1
2-Butanone (MEK)	0.00037	U	0.0050	0.00037	mg/Kg			04/09/22 07:22	1
2-Hexanone	0.0017	U	0.0050	0.0017	mg/Kg			04/09/22 07:22	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016	mg/Kg			04/09/22 07:22	1
Acetone	0.0057	U	0.0060	0.0057	mg/Kg			04/09/22 07:22	1
Benzene	0.00026	U	0.0010	0.00026	mg/Kg			04/09/22 07:22	1
Bromoform	0.00043	U	0.0010	0.00043	mg/Kg			04/09/22 07:22	1
Bromomethane	0.0010	U	0.0020	0.0010	mg/Kg			04/09/22 07:22	1
Carbon disulfide	0.00027	U	0.0010	0.00027	mg/Kg			04/09/22 07:22	1
Carbon tetrachloride	0.00039	U	0.0010	0.00039	mg/Kg			04/09/22 07:22	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			04/09/22 07:22	1
Chlorobromomethane	0.00028	U	0.0010	0.00028	mg/Kg			04/09/22 07:22	1
Chlorodibromomethane	0.00019	U	0.0010	0.00019	mg/Kg			04/09/22 07:22	1
Chloroethane	0.00052	U	0.0010	0.00052	mg/Kg			04/09/22 07:22	1
Chloroform	0.00097	U	0.0010	0.00097	mg/Kg			04/09/22 07:22	1
Chloromethane	0.00044	U	0.0010	0.00044	mg/Kg			04/09/22 07:22	1
cis-1,2-Dichloroethene	0.00036	U	0.0010	0.00036	mg/Kg			04/09/22 07:22	1
cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			04/09/22 07:22	1
Cyclohexane	0.00022	U	0.0010	0.00022	mg/Kg			04/09/22 07:22	1
Dichlorobromomethane	0.00026	U	0.0010	0.00026	mg/Kg			04/09/22 07:22	1
Dichlorodifluoromethane	0.00034	U	0.0010	0.00034	mg/Kg			04/09/22 07:22	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg			04/09/22 07:22	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg			04/09/22 07:22	1
Isopropylbenzene	0.00029	U	0.0010	0.00029	mg/Kg			04/09/22 07:22	1
Methyl acetate	0.0043	U	0.0050	0.0043	mg/Kg			04/09/22 07:22	1
Methyl tert-butyl ether	0.00051	U	0.0010	0.00051	mg/Kg			04/09/22 07:22	1
Methylcyclohexane	0.00050	U	0.0010	0.00050	mg/Kg			04/09/22 07:22	1
Methylene Chloride	0.0011	U	0.0020	0.0011	mg/Kg			04/09/22 07:22	1
m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017	mg/Kg			04/09/22 07:22	1
n-Butylbenzene	0.00029	U	0.0010	0.00029	mg/Kg			04/09/22 07:22	1
N-Propylbenzene	0.00018	U	0.0010	0.00018	mg/Kg			04/09/22 07:22	1
o-Xylene	0.00019	U	0.0010	0.00019	mg/Kg			04/09/22 07:22	1
sec-Butylbenzene	0.00029	U	0.0010	0.00029	mg/Kg			04/09/22 07:22	1
Styrene	0.00028	U	0.0010	0.00028	mg/Kg			04/09/22 07:22	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg			04/09/22 07:22	1
tert-Butylbenzene	0.00028	U	0.0010	0.00028	mg/Kg			04/09/22 07:22	1
1,2-Dichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			04/09/22 07:22	1
Tetrachloroethene	0.00031	U	0.0010	0.00031	mg/Kg			04/09/22 07:22	1
1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046	mg/Kg			04/09/22 07:22	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg			04/09/22 07:22	1
trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025	mg/Kg			04/09/22 07:22	1

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

Lab Sample ID: MB 460-838227/7
Matrix: Solid
Analysis Batch: 838227

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			04/09/22 07:22	1
Trichloroethene	0.00032	U	0.0010	0.00032	mg/Kg			04/09/22 07:22	1
Trichlorofluoromethane	0.00041	U	0.0010	0.00041	mg/Kg			04/09/22 07:22	1
Vinyl chloride	0.00055	U	0.0010	0.00055	mg/Kg			04/09/22 07:22	1
Xylenes, Total	0.00064	U	0.0020	0.00064	mg/Kg			04/09/22 07:22	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*					*04/09/22 07:22*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 145*		*04/09/22 07:22*	*1*
4-Bromofluorobenzene	*101*		*70 - 139*		*04/09/22 07:22*	*1*
Dibromofluoromethane (Surr)	*105*		*48 - 150*		*04/09/22 07:22*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*04/09/22 07:22*	*1*

Lab Sample ID: LCS 460-838227/3
Matrix: Solid
Analysis Batch: 838227

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0212		mg/Kg		106	78 - 132
1,1,2,2-Tetrachloroethane	0.0200	0.0195		mg/Kg		98	69 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0259		mg/Kg		130	78 - 136
1,1,2-Trichloroethane	0.0200	0.0192		mg/Kg		96	75 - 120
1,1-Dichloroethane	0.0200	0.0218		mg/Kg		109	76 - 129
1,1-Dichloroethene	0.0200	0.0247		mg/Kg		124	77 - 132
1,2,3-Trichlorobenzene	0.0200	0.0197		mg/Kg		98	65 - 144
1,2,4-Trichlorobenzene	0.0200	0.0199		mg/Kg		100	75 - 120
1,2,4-Trimethylbenzene	0.0200	0.0187		mg/Kg		93	79 - 120
1,2-Dichloropropane	0.0200	0.0192		mg/Kg		96	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0185		mg/Kg		93	79 - 120
1,3-Dichlorobenzene	0.0200	0.0188		mg/Kg		94	80 - 120
1,4-Dichlorobenzene	0.0200	0.0184		mg/Kg		92	80 - 120
2-Butanone (MEK)	0.100	0.0909		mg/Kg		91	75 - 120
2-Hexanone	0.100	0.0784		mg/Kg		78	78 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0815		mg/Kg		81	80 - 122
Acetone	0.100	0.102		mg/Kg		102	63 - 131
Benzene	0.0200	0.0193		mg/Kg		96	80 - 123
Bromoform	0.0200	0.0179		mg/Kg		90	48 - 142
Bromomethane	0.0200	0.0229		mg/Kg		114	46 - 150
Carbon disulfide	0.0200	0.0243		mg/Kg		121	67 - 136
Carbon tetrachloride	0.0200	0.0211		mg/Kg		105	72 - 136
Chlorobenzene	0.0200	0.0186		mg/Kg		93	80 - 120
Chlorobromomethane	0.0200	0.0191		mg/Kg		95	76 - 127
Chlorodibromomethane	0.0200	0.0182		mg/Kg		91	62 - 128
Chloroethane	0.0200	0.0225		mg/Kg		113	49 - 150
Chloroform	0.0200	0.0192		mg/Kg		96	79 - 126

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

Lab Sample ID: LCS 460-838227/3
Matrix: Solid
Analysis Batch: 838227

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	0.0200	0.0207		mg/Kg		103	48 - 150
cis-1,2-Dichloroethene	0.0200	0.0196		mg/Kg		98	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0191		mg/Kg		95	72 - 120
Cyclohexane	0.0200	0.0203		mg/Kg		102	80 - 132
Dichlorobromomethane	0.0200	0.0179		mg/Kg		90	73 - 124
Dichlorodifluoromethane	0.0200	0.0183		mg/Kg		92	40 - 146
Ethylbenzene	0.0200	0.0186		mg/Kg		93	80 - 120
Ethylene Dibromide	0.0200	0.0190		mg/Kg		95	79 - 120
Isopropylbenzene	0.0200	0.0169		mg/Kg		84	80 - 120
Methyl acetate	0.0400	0.0482		mg/Kg		121	58 - 143
Methyl tert-butyl ether	0.0200	0.0230		mg/Kg		115	80 - 125
Methylcyclohexane	0.0200	0.0190		mg/Kg		95	79 - 133
Methylene Chloride	0.0200	0.0223		mg/Kg		111	76 - 127
m-Xylene & p-Xylene	0.0200	0.0185		mg/Kg		92	80 - 120
n-Butylbenzene	0.0200	0.0184		mg/Kg		92	77 - 123
N-Propylbenzene	0.0200	0.0187		mg/Kg		94	78 - 120
o-Xylene	0.0200	0.0165		mg/Kg		83	80 - 120
sec-Butylbenzene	0.0200	0.0185		mg/Kg		93	78 - 120
Styrene	0.0200	0.0169		mg/Kg		85	80 - 120
1,2-Dichloroethane	0.0200	0.0190		mg/Kg		95	70 - 132
tert-Butylbenzene	0.0200	0.0185		mg/Kg		92	76 - 120
1,2-Dichlorobenzene	0.0200	0.0189		mg/Kg		94	80 - 120
Tetrachloroethene	0.0200	0.0197		mg/Kg		99	78 - 123
1,2-Dibromo-3-Chloropropane	0.0200	0.0191		mg/Kg		95	60 - 126
Toluene	0.0200	0.0187		mg/Kg		93	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0227		mg/Kg		114	78 - 128
trans-1,3-Dichloropropene	0.0200	0.0181		mg/Kg		90	68 - 120
Trichloroethene	0.0200	0.0187		mg/Kg		93	79 - 120
Trichlorofluoromethane	0.0200	0.0233		mg/Kg		117	67 - 142
Vinyl chloride	0.0200	0.0218		mg/Kg		109	56 - 147
Xylenes, Total	0.0400	0.0350		mg/Kg		88	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 145*
4-Bromofluorobenzene	*102*		*70 - 139*
Dibromofluoromethane (Surr)	*101*		*48 - 150*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: LCSD 460-838227/4
Matrix: Solid
Analysis Batch: 838227

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0207		mg/Kg		103	78 - 132	2	30
1,1,2,2-Tetrachloroethane	0.0200	0.0205		mg/Kg		102	69 - 123	5	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0255		mg/Kg		128	78 - 136	2	30
1,1,2-Trichloroethane	0.0200	0.0190		mg/Kg		95	75 - 120	1	30
1,1-Dichloroethane	0.0200	0.0207		mg/Kg		104	76 - 129	5	30

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

Lab Sample ID: LCSD 460-838227/4
Matrix: Solid
Analysis Batch: 838227

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene			0.0200	0.0257		mg/Kg		129	77 - 132	4	30
1,2,3-Trichlorobenzene			0.0200	0.0198		mg/Kg		99	65 - 144	1	30
1,2,4-Trichlorobenzene			0.0200	0.0197		mg/Kg		98	75 - 120	1	30
1,2,4-Trimethylbenzene			0.0200	0.0187		mg/Kg		93	79 - 120	0	30
1,2-Dichloropropane			0.0200	0.0193		mg/Kg		97	73 - 124	1	30
1,3,5-Trimethylbenzene			0.0200	0.0183		mg/Kg		91	79 - 120	1	30
1,3-Dichlorobenzene			0.0200	0.0197		mg/Kg		99	80 - 120	5	30
1,4-Dichlorobenzene			0.0200	0.0186		mg/Kg		93	80 - 120	1	30
2-Butanone (MEK)			0.100	0.0887		mg/Kg		89	75 - 120	2	30
2-Hexanone			0.100	0.0816		mg/Kg		82	78 - 120	4	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0820		mg/Kg		82	80 - 122	1	30
Acetone			0.100	0.101		mg/Kg		101	63 - 131	1	30
Benzene			0.0200	0.0200		mg/Kg		100	80 - 123	4	30
Bromoform			0.0200	0.0195		mg/Kg		97	48 - 142	8	30
Bromomethane			0.0200	0.0218		mg/Kg		109	46 - 150	5	30
Carbon disulfide			0.0200	0.0247		mg/Kg		124	67 - 136	2	30
Carbon tetrachloride			0.0200	0.0205		mg/Kg		103	72 - 136	3	30
Chlorobenzene			0.0200	0.0191		mg/Kg		96	80 - 120	3	30
Chlorobromomethane			0.0200	0.0196		mg/Kg		98	76 - 127	3	30
Chlorodibromomethane			0.0200	0.0184		mg/Kg		92	62 - 128	1	30
Chloroethane			0.0200	0.0216		mg/Kg		108	49 - 150	4	30
Chloroform			0.0200	0.0196		mg/Kg		98	79 - 126	2	30
Chloromethane			0.0200	0.0207		mg/Kg		104	48 - 150	0	30
cis-1,2-Dichloroethene			0.0200	0.0205		mg/Kg		103	80 - 123	5	30
cis-1,3-Dichloropropene			0.0200	0.0185		mg/Kg		93	72 - 120	3	30
Cyclohexane			0.0200	0.0202		mg/Kg		101	80 - 132	0	30
Dichlorobromomethane			0.0200	0.0182		mg/Kg		91	73 - 124	1	30
Dichlorodifluoromethane			0.0200	0.0184		mg/Kg		92	40 - 146	0	30
Ethylbenzene			0.0200	0.0181		mg/Kg		91	80 - 120	3	30
Ethylene Dibromide			0.0200	0.0191		mg/Kg		95	79 - 120	0	30
Isopropylbenzene			0.0200	0.0168		mg/Kg		84	80 - 120	0	30
Methyl acetate			0.0400	0.0540		mg/Kg		135	58 - 143	11	30
Methyl tert-butyl ether			0.0200	0.0232		mg/Kg		116	80 - 125	1	30
Methylcyclohexane			0.0200	0.0195		mg/Kg		98	79 - 133	3	30
Methylene Chloride			0.0200	0.0223		mg/Kg		112	76 - 127	0	30
m-Xylene & p-Xylene			0.0200	0.0191		mg/Kg		95	80 - 120	3	30
n-Butylbenzene			0.0200	0.0182		mg/Kg		91	77 - 123	1	30
N-Propylbenzene			0.0200	0.0191		mg/Kg		96	78 - 120	2	30
o-Xylene			0.0200	0.0171		mg/Kg		85	80 - 120	3	30
sec-Butylbenzene			0.0200	0.0181		mg/Kg		90	78 - 120	3	30
Styrene			0.0200	0.0176		mg/Kg		88	80 - 120	4	30
1,2-Dichloroethane			0.0200	0.0197		mg/Kg		99	70 - 132	4	30
tert-Butylbenzene			0.0200	0.0180		mg/Kg		90	76 - 120	3	30
1,2-Dichlorobenzene			0.0200	0.0191		mg/Kg		96	80 - 120	1	30
Tetrachloroethene			0.0200	0.0201		mg/Kg		100	78 - 123	2	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0205		mg/Kg		102	60 - 126	7	30
Toluene			0.0200	0.0185		mg/Kg		93	80 - 120	1	30
trans-1,2-Dichloroethene			0.0200	0.0228		mg/Kg		114	78 - 128	1	30
trans-1,3-Dichloropropene			0.0200	0.0184		mg/Kg		92	68 - 120	2	30

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

Lab Sample ID: LCSD 460-838227/4
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 838227

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Trichloroethene			0.0200	0.0187		mg/Kg		93	79 - 120	0	30
Trichlorofluoromethane			0.0200	0.0236		mg/Kg		118	67 - 142	1	30
Vinyl chloride			0.0200	0.0218		mg/Kg		109	56 - 147	0	30
Xylenes, Total			0.0400	0.0362		mg/Kg		90	80 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 145*
4-Bromofluorobenzene	*102*		*70 - 139*
Dibromofluoromethane (Surr)	*102*		*48 - 150*
Toluene-d8 (Surr)	*100*		*80 - 120*

Qualifiers

GC/MS VOA

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

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs

Glossary

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

GC/MS VOA

Prep Batch: 837649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255692-1	SB-8 (0-5)	Total/NA	Solid	5035	
460-255692-2	SB-8 (8-8.5)	Total/NA	Solid	5035	
460-255692-3	SB-11 (4-4.5)	Total/NA	Solid	5035	
460-255692-4	SB-11 (9.5-10)	Total/NA	Solid	5035	
460-255692-5	SB-14 (4-5)	Total/NA	Solid	5035	
460-255692-6	SB-14 (6-10)	Total/NA	Solid	5035	
460-255692-7	SB-15 (3-5)	Total/NA	Solid	5035	
460-255692-8	SB-15 (12-13)	Total/NA	Solid	5035	
460-255692-9	DUP	Total/NA	Solid	5035	
460-255692-10	SB-9 (4-5)	Total/NA	Solid	5035	
460-255692-11	SB-9 (7-7.5)	Total/NA	Solid	5035	
460-255692-12	SB-12 (0-5)	Total/NA	Solid	5035	
460-255692-13	SB-12 (7-8)	Total/NA	Solid	5035	
460-255692-14	SB-12 (15-15.5)	Total/NA	Solid	5035	
460-255692-15	SB-10 (2.5-5)	Total/NA	Solid	5035	
460-255692-16	SB-10 (7-7.5)	Total/NA	Solid	5035	
460-255692-17	SB-10 (15-15.5)	Total/NA	Solid	5035	
460-255692-18	SB-13 (2-2.5)	Total/NA	Solid	5035	
460-255692-19	SB-13 (7-7.5)	Total/NA	Solid	5035	
460-255692-20	SB-16 (3-5)	Total/NA	Solid	5035	
460-255692-21	SB-16 (7-7.5)	Total/NA	Solid	5035	
LB3 460-837649/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 838022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255692-22	TB	Total/NA	Water	8260D	
460-255692-23	FB	Total/NA	Water	8260D	
MB 460-838022/9	Method Blank	Total/NA	Water	8260D	
LCS 460-838022/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-838022/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 838140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255692-1	SB-8 (0-5)	Total/NA	Solid	8260D	837649
460-255692-2	SB-8 (8-8.5)	Total/NA	Solid	8260D	837649
460-255692-3	SB-11 (4-4.5)	Total/NA	Solid	8260D	837649
460-255692-4	SB-11 (9.5-10)	Total/NA	Solid	8260D	837649
460-255692-5	SB-14 (4-5)	Total/NA	Solid	8260D	837649
460-255692-6	SB-14 (6-10)	Total/NA	Solid	8260D	837649
460-255692-7	SB-15 (3-5)	Total/NA	Solid	8260D	837649
460-255692-8	SB-15 (12-13)	Total/NA	Solid	8260D	837649
460-255692-9	DUP	Total/NA	Solid	8260D	837649
460-255692-10	SB-9 (4-5)	Total/NA	Solid	8260D	837649
460-255692-11	SB-9 (7-7.5)	Total/NA	Solid	8260D	837649
460-255692-12	SB-12 (0-5)	Total/NA	Solid	8260D	837649
460-255692-13	SB-12 (7-8)	Total/NA	Solid	8260D	837649
460-255692-14	SB-12 (15-15.5)	Total/NA	Solid	8260D	837649
460-255692-15	SB-10 (2.5-5)	Total/NA	Solid	8260D	837649
460-255692-16	SB-10 (7-7.5)	Total/NA	Solid	8260D	837649
460-255692-17	SB-10 (15-15.5)	Total/NA	Solid	8260D	837649
460-255692-18	SB-13 (2-2.5)	Total/NA	Solid	8260D	837649

GC/MS VOA (Continued)

Analysis Batch: 838140 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255692-19	SB-13 (7-7.5)	Total/NA	Solid	8260D	837649
460-255692-20	SB-16 (3-5)	Total/NA	Solid	8260D	837649
LB3 460-837649/1-A	Method Blank	Total/NA	Solid	8260D	837649
MB 460-838140/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-838140/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-838140/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 838227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255692-21	SB-16 (7-7.5)	Total/NA	Solid	8260D	837649
MB 460-838227/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-838227/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-838227/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

General Chemistry

Analysis Batch: 837666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255692-1	SB-8 (0-5)	Total/NA	Solid	Moisture	
460-255692-2	SB-8 (8-8.5)	Total/NA	Solid	Moisture	
460-255692-3	SB-11 (4-4.5)	Total/NA	Solid	Moisture	
460-255692-4	SB-11 (9.5-10)	Total/NA	Solid	Moisture	
460-255692-5	SB-14 (4-5)	Total/NA	Solid	Moisture	
460-255692-6	SB-14 (6-10)	Total/NA	Solid	Moisture	
460-255692-7	SB-15 (3-5)	Total/NA	Solid	Moisture	
460-255692-8	SB-15 (12-13)	Total/NA	Solid	Moisture	
460-255692-9	DUP	Total/NA	Solid	Moisture	
460-255692-10	SB-9 (4-5)	Total/NA	Solid	Moisture	
460-255692-11	SB-9 (7-7.5)	Total/NA	Solid	Moisture	
460-255692-12	SB-12 (0-5)	Total/NA	Solid	Moisture	
460-255692-13	SB-12 (7-8)	Total/NA	Solid	Moisture	
460-255692-14	SB-12 (15-15.5)	Total/NA	Solid	Moisture	
460-255692-15	SB-10 (2.5-5)	Total/NA	Solid	Moisture	
460-255692-16	SB-10 (7-7.5)	Total/NA	Solid	Moisture	
460-255692-16 DU	SB-10 (7-7.5)	Total/NA	Solid	Moisture	

Analysis Batch: 837678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255692-17	SB-10 (15-15.5)	Total/NA	Solid	Moisture	
460-255692-18	SB-13 (2-2.5)	Total/NA	Solid	Moisture	
460-255692-19	SB-13 (7-7.5)	Total/NA	Solid	Moisture	
460-255692-20	SB-16 (3-5)	Total/NA	Solid	Moisture	
460-255692-21	SB-16 (7-7.5)	Total/NA	Solid	Moisture	
460-255715-B-15 DU	Duplicate	Total/NA	Solid	Moisture	

Client Sample ID: SB-8 (0-5)
Date Collected: 04/05/22 09:10
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837666	04/06/22 16:08	CJC	TAL EDI

Client Sample ID: SB-8 (0-5)
Date Collected: 04/05/22 09:10
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-1
Matrix: Solid
Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837649	04/06/22 11:45	YXG	TAL EDI
Total/NA	Analysis	8260D		1	838140	04/08/22 19:23	AAT	TAL EDI

Client Sample ID: SB-8 (8-8.5)
Date Collected: 04/05/22 09:20
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837666	04/06/22 16:08	CJC	TAL EDI

Client Sample ID: SB-8 (8-8.5)
Date Collected: 04/05/22 09:20
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-2
Matrix: Solid
Percent Solids: 96.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837649	04/06/22 11:47	YXG	TAL EDI
Total/NA	Analysis	8260D		1	838140	04/08/22 19:46	AAT	TAL EDI

Client Sample ID: SB-11 (4-4.5)
Date Collected: 04/05/22 09:40
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837666	04/06/22 16:08	CJC	TAL EDI

Client Sample ID: SB-11 (4-4.5)
Date Collected: 04/05/22 09:40
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-3
Matrix: Solid
Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837649	04/06/22 11:48	YXG	TAL EDI
Total/NA	Analysis	8260D		1	838140	04/08/22 20:09	AAT	TAL EDI

Client Sample ID: SB-11 (9.5-10)
Date Collected: 04/05/22 09:45
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255692-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837666	04/06/22 16:08	CJC	TAL EDI

Client Sample ID: SB-11 (9.5-10)
Lab Sample ID: 460-255692-4

Date Collected: 04/05/22 09:45
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 98.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837649	04/06/22 11:49	YXG	TAL EDI
Total/NA	Analysis	8260D		1	838140	04/08/22 20:31	AAT	TAL EDI

Client Sample ID: SB-14 (4-5)
Lab Sample ID: 460-255692-5

Date Collected: 04/05/22 10:00
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837666	04/06/22 16:08	CJC	TAL EDI

Client Sample ID: SB-14 (4-5)
Lab Sample ID: 460-255692-5

Date Collected: 04/05/22 10:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837649	04/06/22 11:51	YXG	TAL EDI
Total/NA	Analysis	8260D		1	838140	04/08/22 20:53	AAT	TAL EDI

Client Sample ID: SB-14 (6-10)
Lab Sample ID: 460-255692-6

Date Collected: 04/05/22 10:10
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837666	04/06/22 16:08	CJC	TAL EDI

Client Sample ID: SB-14 (6-10)
Lab Sample ID: 460-255692-6

Date Collected: 04/05/22 10:10
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837649	04/06/22 11:52	YXG	TAL EDI
Total/NA	Analysis	8260D		1	838140	04/08/22 21:15	AAT	TAL EDI

Client Sample ID: SB-15 (3-5)
Lab Sample ID: 460-255692-7

Date Collected: 04/05/22 10:45
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837666	04/06/22 16:08	CJC	TAL EDI

Client Sample ID: SB-15 (3-5)
Lab Sample ID: 460-255692-7
Date Collected: 04/05/22 10:45
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837649	04/06/22 11:53	YXG	TAL EDI
Total/NA	Analysis	8260D		1	838140	04/08/22 21:37	AAT	TAL EDI

Client Sample ID: SB-15 (12-13)
Lab Sample ID: 460-255692-8
Date Collected: 04/05/22 11:00
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837666	04/06/22 16:08	CJC	TAL EDI

Client Sample ID: SB-15 (12-13)
Lab Sample ID: 460-255692-8
Date Collected: 04/05/22 11:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837649	04/06/22 11:54	YXG	TAL EDI
Total/NA	Analysis	8260D		1	838140	04/08/22 21:59	AAT	TAL EDI

Client Sample ID: DUP
Lab Sample ID: 460-255692-9
Date Collected: 04/05/22 00:00
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837666	04/06/22 16:08	CJC	TAL EDI

Client Sample ID: DUP
Lab Sample ID: 460-255692-9
Date Collected: 04/05/22 00:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 85.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837649	04/06/22 11:56	YXG	TAL EDI
Total/NA	Analysis	8260D		1	838140	04/08/22 22:22	AAT	TAL EDI

Client Sample ID: SB-9 (4-5)
Lab Sample ID: 460-255692-10
Date Collected: 04/05/22 11:15
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837666	04/06/22 16:08	CJC	TAL EDI

Client Sample ID: SB-9 (4-5)
Lab Sample ID: 460-255692-10
Date Collected: 04/05/22 11:15
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 99.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837649	04/06/22 11:57	YXG	TAL EDI
Total/NA	Analysis	8260D		1	838140	04/08/22 22:45	AAT	TAL EDI

Client Sample ID: SB-9 (7-7.5)
Lab Sample ID: 460-255692-11
Date Collected: 04/05/22 11:20
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837666	04/06/22 16:08	CJC	TAL EDI

Client Sample ID: SB-9 (7-7.5)
Lab Sample ID: 460-255692-11
Date Collected: 04/05/22 11:20
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 97.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837649	04/06/22 11:58	YXG	TAL EDI
Total/NA	Analysis	8260D		1	838140	04/08/22 23:06	AAT	TAL EDI

Client Sample ID: SB-12 (0-5)
Lab Sample ID: 460-255692-12
Date Collected: 04/05/22 12:00
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837666	04/06/22 16:08	CJC	TAL EDI

Client Sample ID: SB-12 (0-5)
Lab Sample ID: 460-255692-12
Date Collected: 04/05/22 12:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837649	04/06/22 12:00	YXG	TAL EDI
Total/NA	Analysis	8260D		1	838140	04/08/22 23:28	AAT	TAL EDI

Client Sample ID: SB-12 (7-8)
Lab Sample ID: 460-255692-13
Date Collected: 04/05/22 11:50
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837666	04/06/22 16:08	CJC	TAL EDI

Client Sample ID: SB-12 (7-8)
Lab Sample ID: 460-255692-13
Date Collected: 04/05/22 11:50
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837649	04/06/22 12:01	YXG	TAL EDI
Total/NA	Analysis	8260D		1	838140	04/08/22 23:51	AAT	TAL EDI

Client Sample ID: SB-12 (15-15.5)
Lab Sample ID: 460-255692-14
Date Collected: 04/05/22 12:05
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837666	04/06/22 16:08	CJC	TAL EDI

Client Sample ID: SB-12 (15-15.5)
Lab Sample ID: 460-255692-14
Date Collected: 04/05/22 12:05
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 84.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837649	04/06/22 12:02	YXG	TAL EDI
Total/NA	Analysis	8260D		1	838140	04/09/22 00:13	AAT	TAL EDI

Client Sample ID: SB-10 (2.5-5)
Lab Sample ID: 460-255692-15
Date Collected: 04/05/22 12:30
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837666	04/06/22 16:08	CJC	TAL EDI

Client Sample ID: SB-10 (2.5-5)
Lab Sample ID: 460-255692-15
Date Collected: 04/05/22 12:30
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 97.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837649	04/06/22 12:03	YXG	TAL EDI
Total/NA	Analysis	8260D		1	838140	04/09/22 00:34	AAT	TAL EDI

Client Sample ID: SB-10 (7-7.5)
Lab Sample ID: 460-255692-16
Date Collected: 04/05/22 12:35
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837666	04/06/22 16:08	CJC	TAL EDI

Client Sample ID: SB-10 (7-7.5)
Lab Sample ID: 460-255692-16

Date Collected: 04/05/22 12:35
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 96.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837649	04/06/22 12:05	YXG	TAL EDI
Total/NA	Analysis	8260D		1	838140	04/09/22 00:56	AAT	TAL EDI

Client Sample ID: SB-10 (15-15.5)
Lab Sample ID: 460-255692-17

Date Collected: 04/05/22 12:40
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837678	04/06/22 16:39	CJC	TAL EDI

Client Sample ID: SB-10 (15-15.5)
Lab Sample ID: 460-255692-17

Date Collected: 04/05/22 12:40
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837649	04/06/22 12:06	YXG	TAL EDI
Total/NA	Analysis	8260D		1	838140	04/09/22 01:19	AAT	TAL EDI

Client Sample ID: SB-13 (2-2.5)
Lab Sample ID: 460-255692-18

Date Collected: 04/05/22 12:55
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837678	04/06/22 16:39	CJC	TAL EDI

Client Sample ID: SB-13 (2-2.5)
Lab Sample ID: 460-255692-18

Date Collected: 04/05/22 12:55
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 95.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837649	04/06/22 12:07	YXG	TAL EDI
Total/NA	Analysis	8260D		1	838140	04/09/22 01:42	AAT	TAL EDI

Client Sample ID: SB-13 (7-7.5)
Lab Sample ID: 460-255692-19

Date Collected: 04/05/22 13:00
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837678	04/06/22 16:39	CJC	TAL EDI

Client Sample ID: SB-13 (7-7.5)
Lab Sample ID: 460-255692-19
Date Collected: 04/05/22 13:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837649	04/06/22 12:09	YXG	TAL EDI
Total/NA	Analysis	8260D		1	838140	04/09/22 02:04	AAT	TAL EDI

Client Sample ID: SB-16 (3-5)
Lab Sample ID: 460-255692-20
Date Collected: 04/05/22 13:20
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837678	04/06/22 16:39	CJC	TAL EDI

Client Sample ID: SB-16 (3-5)
Lab Sample ID: 460-255692-20
Date Collected: 04/05/22 13:20
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837649	04/06/22 12:10	YXG	TAL EDI
Total/NA	Analysis	8260D		1	838140	04/09/22 02:27	AAT	TAL EDI

Client Sample ID: SB-16 (7-7.5)
Lab Sample ID: 460-255692-21
Date Collected: 04/05/22 13:25
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837678	04/06/22 16:39	CJC	TAL EDI

Client Sample ID: SB-16 (7-7.5)
Lab Sample ID: 460-255692-21
Date Collected: 04/05/22 13:25
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837649	04/06/22 12:11	YXG	TAL EDI
Total/NA	Analysis	8260D		1	838227	04/09/22 08:09	AAT	TAL EDI

Client Sample ID: TB
Lab Sample ID: 460-255692-22
Date Collected: 04/05/22 00:00
Matrix: Water
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	838022	04/08/22 11:02	CJM	TAL EDI

Client Sample ID: FB
Lab Sample ID: 460-255692-23
Date Collected: 04/05/22 08:10
Matrix: Water
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	838022	04/08/22 11:25	CJM	TAL EDI

Lab Chronicle

Client: Environmental Compliance & Control Inc
Job ID: 460-255692-1
Project/Site: Bridge Cleaners

Laboratory References:

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

Accreditation/Certification Summary

Client: Environmental Compliance & Control Inc
Job ID: 460-255692-1
Project/Site: Bridge Cleaners

Laboratory: Eurofins Edison

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
SB-8 (0-5)	460-255692-1	106	103	99	95
SB-8 (8-8.5)	460-255692-2	102	98	97	92
SB-11 (4-4.5)	460-255692-3	105	101	101	96
SB-11 (9.5-10)	460-255692-4	105	101	98	94
SB-14 (4-5)	460-255692-5	105	104	98	95
SB-14 (6-10)	460-255692-6	105	102	95	97
SB-15 (3-5)	460-255692-7	109	106	96	93
SB-15 (12-13)	460-255692-8	105	102	95	90
DUP	460-255692-9	107	104	92	99
SB-9 (4-5)	460-255692-10	108	105	95	100
SB-9 (7-7.5)	460-255692-11	106	105	95	94
SB-12 (0-5)	460-255692-12	111	110	101	100
SB-12 (7-8)	460-255692-13	108	106	98	95
SB-12 (15-15.5)	460-255692-14	108	104	100	99
SB-10 (2.5-5)	460-255692-15	104	102	96	94
SB-10 (7-7.5)	460-255692-16	105	102	96	96
SB-10 (15-15.5)	460-255692-17	102	101	94	90
SB-13 (2-2.5)	460-255692-18	111	111	101	96
SB-13 (7-7.5)	460-255692-19	106	104	94	97
SB-16 (3-5)	460-255692-20	109	106	100	94
SB-16 (7-7.5)	460-255692-21	107	100	89	100
	MB 460-838140/9	104	103	98	100
	MB 460-838227/7	105	103	99	101
	LB3 460-837649/1-A	102	98	100	96
	LCS 460-838140/3	104	101	93	100
	LCS 460-838227/3	101	105	103	102
	LCSD 460-838140/4	104	106	101	106
	LCSD 460-838227/4	102	110	100	102

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	48-150
DCA = 1,2-Dichloroethane-d4 (Surr)	77-145
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	70-139

Column to be used to flag recovery values

FORM II 8260D

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
TB	460-255692-22	124	120	108	107
FB	460-255692-23	123	118	105	100
	MB 460-838022/9	118	112	104	106
	LCS 460-838022/4	105	101	95	94
	LCSD 460-838022/5	103	101	99	100

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-124
DCA = 1,2-Dichloroethane-d4 (Surr)	75-123
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N47690.D

Lab ID: LCS 460-838022/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.7	99	68-128	
1,1,2,2-Tetrachloroethane	20.0	16.6	83	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.1	90	59-142	
1,1,2-Trichloroethane	20.0	18.2	91	74-125	
1,1-Dichloroethane	20.0	19.4	97	73-130	
1,1-Dichloroethene	20.0	19.1	96	68-133	
1,2,3-Trichlorobenzene	20.0	22.4	112	53-144	
1,2,4-Trichlorobenzene	20.0	20.3	102	64-132	
1,4-Dioxane	400	396	99	70-142	
1,2-Dichloropropane	20.0	17.8	89	76-126	
1,3-Dichlorobenzene	20.0	19.1	95	80-121	
1,4-Dichlorobenzene	20.0	19.4	97	80-118	
2-Butanone (MEK)	100	98.6	99	69-128	
2-Hexanone	100	94.4	94	74-127	
4-Methyl-2-pentanone (MIBK)	100	96.0	96	69-128	
Acetone	100	104	104	61-134	
Benzene	20.0	18.2	91	78-126	
Bromoform	20.0	18.6	93	38-144	
Bromomethane	20.0	21.5	108	43-150	
Carbon disulfide	20.0	19.8	99	64-138	
Carbon tetrachloride	20.0	20.3	102	56-131	
Chlorobenzene	20.0	18.9	94	80-119	
Chlorobromomethane	20.0	20.7	103	73-126	
Chlorodibromomethane	20.0	18.8	94	58-130	
Chloroethane	20.0	21.3	107	50-150	
Chloroform	20.0	19.9	99	78-125	
Chloromethane	20.0	19.0	95	38-150	
cis-1,2-Dichloroethene	20.0	19.6	98	78-121	
cis-1,3-Dichloropropene	20.0	17.6	88	74-125	
Cyclohexane	20.0	19.1	95	67-133	
Dichlorobromomethane	20.0	19.4	97	72-121	
Dichlorodifluoromethane	20.0	19.6	98	31-150	
Ethylbenzene	20.0	18.9	94	78-120	
Ethylene Dibromide	20.0	19.2	96	69-126	
Isopropylbenzene	20.0	18.6	93	79-125	
Methyl acetate	40.0	41.0	103	70-127	
Methyl tert-butyl ether	20.0	19.9	99	65-131	
Methylcyclohexane	20.0	21.1	106	60-139	
Methylene Chloride	20.0	20.0	100	74-127	
m-Xylene & p-Xylene	20.0	18.5	93	78-123	
o-Xylene	20.0	18.2	91	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N47690.D

Lab ID: LCS 460-838022/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	17.4	87	75-127	
1,2-Dichloroethane	20.0	18.8	94	75-121	
1,2-Dichlorobenzene	20.0	19.4	97	79-122	
Tetrachloroethene	20.0	20.5	103	70-127	
1,2-Dibromo-3-Chloropropane	20.0	19.4	97	41-143	
Toluene	20.0	18.2	91	78-119	
trans-1,2-Dichloroethene	20.0	20.1	100	74-126	
trans-1,3-Dichloropropene	20.0	17.4	87	66-127	
Trichloroethene	20.0	20.1	100	71-121	
Trichlorofluoromethane	20.0	21.1	105	61-140	
Vinyl chloride	20.0	20.9	104	61-144	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B85431.D

Lab ID: LCS 460-838140/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0226	113	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0185	93	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0274	137	78-136	*+
1,1,2-Trichloroethane	0.0200	0.0183	91	75-120	
1,1-Dichloroethane	0.0200	0.0215	107	76-129	
1,1-Dichloroethene	0.0200	0.0268	134	77-132	*+
1,2,3-Trichlorobenzene	0.0200	0.0204	102	65-144	
1,2,4-Trichlorobenzene	0.0200	0.0206	103	75-120	
1,2,4-Trimethylbenzene	0.0200	0.0195	98	79-120	
1,2-Dichloropropane	0.0200	0.0197	98	73-124	
1,3,5-Trimethylbenzene	0.0200	0.0190	95	79-120	
1,3-Dichlorobenzene	0.0200	0.0205	103	80-120	
1,4-Dichlorobenzene	0.0200	0.0201	101	80-120	
2-Butanone (MEK)	0.100	0.0995	99	75-120	
2-Hexanone	0.100	0.0974	97	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.0905	90	80-122	
Acetone	0.100	0.113	113	63-131	
Benzene	0.0200	0.0195	97	80-123	
Bromoform	0.0200	0.0186	93	48-142	
Bromomethane	0.0200	0.0233	117	46-150	
Carbon disulfide	0.0200	0.0260	130	67-136	
Carbon tetrachloride	0.0200	0.0223	112	72-136	
Chlorobenzene	0.0200	0.0201	100	80-120	
Chlorobromomethane	0.0200	0.0205	102	76-127	
Chlorodibromomethane	0.0200	0.0183	91	62-128	
Chloroethane	0.0200	0.0232	116	49-150	
Chloroform	0.0200	0.0209	105	79-126	
Chloromethane	0.0200	0.0219	109	48-150	
cis-1,2-Dichloroethene	0.0200	0.0217	109	80-123	
cis-1,3-Dichloropropene	0.0200	0.0185	92	72-120	
Cyclohexane	0.0200	0.0217	109	80-132	
Dichlorobromomethane	0.0200	0.0188	94	73-124	
Dichlorodifluoromethane	0.0200	0.0223	112	40-146	
Ethylbenzene	0.0200	0.0197	99	80-120	
Ethylene Dibromide	0.0200	0.0191	95	79-120	
Isopropylbenzene	0.0200	0.0173	87	80-120	
Methyl acetate	0.0400	0.0391	98	58-143	
Methyl tert-butyl ether	0.0200	0.0212	106	80-125	
Methylcyclohexane	0.0200	0.0209	105	79-133	
Methylene Chloride	0.0200	0.0231	115	76-127	
m-Xylene & p-Xylene	0.0200	0.0199	100	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B85431.D

Lab ID: LCS 460-838140/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
n-Butylbenzene	0.0200	0.0191	95	77-123	
N-Propylbenzene	0.0200	0.0202	101	78-120	
o-Xylene	0.0200	0.0175	87	80-120	
sec-Butylbenzene	0.0200	0.0187	93	78-120	
Styrene	0.0200	0.0192	96	80-120	
1,2-Dichloroethane	0.0200	0.0200	100	70-132	
tert-Butylbenzene	0.0200	0.0181	91	76-120	
1,2-Dichlorobenzene	0.0200	0.0198	99	80-120	
Tetrachloroethene	0.0200	0.0198	99	78-123	
1,2-Dibromo-3-Chloropropane	0.0200	0.0170	85	60-126	
Toluene	0.0200	0.0190	95	80-120	
trans-1,2-Dichloroethene	0.0200	0.0226	113	78-128	
trans-1,3-Dichloropropene	0.0200	0.0182	91	68-120	
Trichloroethene	0.0200	0.0191	95	79-120	
Trichlorofluoromethane	0.0200	0.0247	123	67-142	
Vinyl chloride	0.0200	0.0224	112	56-147	
Xylenes, Total	0.0400	0.0374	93	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B85462.D

Lab ID: LCS 460-838227/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0212	106	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0195	98	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0259	130	78-136	
1,1,2-Trichloroethane	0.0200	0.0192	96	75-120	
1,1-Dichloroethane	0.0200	0.0218	109	76-129	
1,1-Dichloroethene	0.0200	0.0247	124	77-132	
1,2,3-Trichlorobenzene	0.0200	0.0197	98	65-144	
1,2,4-Trichlorobenzene	0.0200	0.0199	100	75-120	
1,2,4-Trimethylbenzene	0.0200	0.0187	93	79-120	
1,2-Dichloropropane	0.0200	0.0192	96	73-124	
1,3,5-Trimethylbenzene	0.0200	0.0185	93	79-120	
1,3-Dichlorobenzene	0.0200	0.0188	94	80-120	
1,4-Dichlorobenzene	0.0200	0.0184	92	80-120	
2-Butanone (MEK)	0.100	0.0909	91	75-120	
2-Hexanone	0.100	0.0784	78	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.0815	81	80-122	
Acetone	0.100	0.102	102	63-131	
Benzene	0.0200	0.0193	96	80-123	
Bromoform	0.0200	0.0179	90	48-142	
Bromomethane	0.0200	0.0229	114	46-150	
Carbon disulfide	0.0200	0.0243	121	67-136	
Carbon tetrachloride	0.0200	0.0211	105	72-136	
Chlorobenzene	0.0200	0.0186	93	80-120	
Chlorobromomethane	0.0200	0.0191	95	76-127	
Chlorodibromomethane	0.0200	0.0182	91	62-128	
Chloroethane	0.0200	0.0225	113	49-150	
Chloroform	0.0200	0.0192	96	79-126	
Chloromethane	0.0200	0.0207	103	48-150	
cis-1,2-Dichloroethene	0.0200	0.0196	98	80-123	
cis-1,3-Dichloropropene	0.0200	0.0191	95	72-120	
Cyclohexane	0.0200	0.0203	102	80-132	
Dichlorobromomethane	0.0200	0.0179	90	73-124	
Dichlorodifluoromethane	0.0200	0.0183	92	40-146	
Ethylbenzene	0.0200	0.0186	93	80-120	
Ethylene Dibromide	0.0200	0.0190	95	79-120	
Isopropylbenzene	0.0200	0.0169	84	80-120	
Methyl acetate	0.0400	0.0482	121	58-143	
Methyl tert-butyl ether	0.0200	0.0230	115	80-125	
Methylcyclohexane	0.0200	0.0190	95	79-133	
Methylene Chloride	0.0200	0.0223	111	76-127	
m-Xylene & p-Xylene	0.0200	0.0185	92	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B85462.D

Lab ID: LCS 460-838227/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
n-Butylbenzene	0.0200	0.0184	92	77-123	
N-Propylbenzene	0.0200	0.0187	94	78-120	
o-Xylene	0.0200	0.0165	83	80-120	
sec-Butylbenzene	0.0200	0.0185	93	78-120	
Styrene	0.0200	0.0169	85	80-120	
1,2-Dichloroethane	0.0200	0.0190	95	70-132	
tert-Butylbenzene	0.0200	0.0185	92	76-120	
1,2-Dichlorobenzene	0.0200	0.0189	94	80-120	
Tetrachloroethene	0.0200	0.0197	99	78-123	
1,2-Dibromo-3-Chloropropane	0.0200	0.0191	95	60-126	
Toluene	0.0200	0.0187	93	80-120	
trans-1,2-Dichloroethene	0.0200	0.0227	114	78-128	
trans-1,3-Dichloropropene	0.0200	0.0181	90	68-120	
Trichloroethene	0.0200	0.0187	93	79-120	
Trichlorofluoromethane	0.0200	0.0233	117	67-142	
Vinyl chloride	0.0200	0.0218	109	56-147	
Xylenes, Total	0.0400	0.0350	88	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N47691.D

Lab ID: LCSD 460-838022/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.5	97	1	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	16.9	85	2	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.0	110	20	30	59-142	
1,1,2-Trichloroethane	20.0	18.5	93	2	30	74-125	
1,1-Dichloroethane	20.0	19.0	95	2	30	73-130	
1,1-Dichloroethene	20.0	20.5	102	7	30	68-133	
1,2,3-Trichlorobenzene	20.0	22.9	114	2	30	53-144	
1,2,4-Trichlorobenzene	20.0	19.8	99	2	30	64-132	
1,4-Dioxane	400	363	91	9	30	70-142	
1,2-Dichloropropane	20.0	18.0	90	1	30	76-126	
1,3-Dichlorobenzene	20.0	18.7	93	2	30	80-121	
1,4-Dichlorobenzene	20.0	18.5	92	5	30	80-118	
2-Butanone (MEK)	100	100	100	1	30	69-128	
2-Hexanone	100	95.5	96	1	30	74-127	
4-Methyl-2-pentanone (MIBK)	100	94.3	94	2	30	69-128	
Acetone	100	108	108	4	30	61-134	
Benzene	20.0	18.4	92	1	30	78-126	
Bromoform	20.0	18.9	94	2	30	38-144	
Bromomethane	20.0	21.4	107	1	30	43-150	
Carbon disulfide	20.0	19.7	99	0	30	64-138	
Carbon tetrachloride	20.0	20.6	103	1	30	56-131	
Chlorobenzene	20.0	19.2	96	2	30	80-119	
Chlorobromomethane	20.0	20.5	103	1	30	73-126	
Chlorodibromomethane	20.0	19.3	97	3	30	58-130	
Chloroethane	20.0	19.8	99	8	30	50-150	
Chloroform	20.0	19.5	98	2	30	78-125	
Chloromethane	20.0	17.9	90	6	30	38-150	
cis-1,2-Dichloroethene	20.0	19.3	96	2	30	78-121	
cis-1,3-Dichloropropene	20.0	18.2	91	3	30	74-125	
Cyclohexane	20.0	19.8	99	4	30	67-133	
Dichlorobromomethane	20.0	19.2	96	1	30	72-121	
Dichlorodifluoromethane	20.0	20.5	103	4	30	31-150	
Ethylbenzene	20.0	19.3	97	3	30	78-120	
Ethylene Dibromide	20.0	19.5	97	2	30	69-126	
Isopropylbenzene	20.0	19.0	95	2	30	79-125	
Methyl acetate	40.0	39.0	98	5	30	70-127	
Methyl tert-butyl ether	20.0	19.3	96	3	30	65-131	
Methylcyclohexane	20.0	20.8	104	1	30	60-139	
Methylene Chloride	20.0	19.6	98	2	30	74-127	
m-Xylene & p-Xylene	20.0	19.3	97	4	30	78-123	
o-Xylene	20.0	18.9	94	4	30	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N47691.D

Lab ID: LCSD 460-838022/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Styrene	20.0	17.4	87	0	30	75-127	
1,2-Dichloroethane	20.0	18.6	93	1	30	75-121	
1,2-Dichlorobenzene	20.0	18.9	94	3	30	79-122	
Tetrachloroethene	20.0	20.8	104	1	30	70-127	
1,2-Dibromo-3-Chloropropane	20.0	20.0	100	3	30	41-143	
Toluene	20.0	18.5	93	2	30	78-119	
trans-1,2-Dichloroethene	20.0	19.5	97	3	30	74-126	
trans-1,3-Dichloropropene	20.0	17.9	90	3	30	66-127	
Trichloroethene	20.0	19.9	99	1	30	71-121	
Trichlorofluoromethane	20.0	23.9	119	12	30	61-140	
Vinyl chloride	20.0	20.8	104	0	30	61-144	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B85432.D

Lab ID: LCSD 460-838140/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0220	110	3	30	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0199	100	7	30	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0270	135	1	30	78-136	
1,1,2-Trichloroethane	0.0200	0.0201	100	9	30	75-120	
1,1-Dichloroethane	0.0200	0.0218	109	2	30	76-129	
1,1-Dichloroethene	0.0200	0.0259	129	3	30	77-132	
1,2,3-Trichlorobenzene	0.0200	0.0208	104	2	30	65-144	
1,2,4-Trichlorobenzene	0.0200	0.0207	103	0	30	75-120	
1,2,4-Trimethylbenzene	0.0200	0.0195	97	0	30	79-120	
1,2-Dichloropropane	0.0200	0.0207	104	5	30	73-124	
1,3,5-Trimethylbenzene	0.0200	0.0191	96	1	30	79-120	
1,3-Dichlorobenzene	0.0200	0.0204	102	1	30	80-120	
1,4-Dichlorobenzene	0.0200	0.0198	99	2	30	80-120	
2-Butanone (MEK)	0.100	0.0941	94	6	30	75-120	
2-Hexanone	0.100	0.0902	90	8	30	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.0853	85	6	30	80-122	
Acetone	0.100	0.109	109	4	30	63-131	
Benzene	0.0200	0.0216	108	10	30	80-123	
Bromoform	0.0200	0.0201	101	8	30	48-142	
Bromomethane	0.0200	0.0230	115	2	30	46-150	
Carbon disulfide	0.0200	0.0261	131	1	30	67-136	
Carbon tetrachloride	0.0200	0.0222	111	1	30	72-136	
Chlorobenzene	0.0200	0.0206	103	2	30	80-120	
Chlorobromomethane	0.0200	0.0209	104	2	30	76-127	
Chlorodibromomethane	0.0200	0.0195	98	7	30	62-128	
Chloroethane	0.0200	0.0232	116	0	30	49-150	
Chloroform	0.0200	0.0202	101	3	30	79-126	
Chloromethane	0.0200	0.0228	114	4	30	48-150	
cis-1,2-Dichloroethene	0.0200	0.0220	110	1	30	80-123	
cis-1,3-Dichloropropene	0.0200	0.0199	100	7	30	72-120	
Cyclohexane	0.0200	0.0233	117	7	30	80-132	
Dichlorobromomethane	0.0200	0.0193	97	3	30	73-124	
Dichlorodifluoromethane	0.0200	0.0240	120	7	30	40-146	
Ethylbenzene	0.0200	0.0202	101	3	30	80-120	
Ethylene Dibromide	0.0200	0.0200	100	5	30	79-120	
Isopropylbenzene	0.0200	0.0182	91	5	30	80-120	
Methyl acetate	0.0400	0.0487	122	22	30	58-143	
Methyl tert-butyl ether	0.0200	0.0236	118	11	30	80-125	
Methylcyclohexane	0.0200	0.0209	105	0	30	79-133	
Methylene Chloride	0.0200	0.0231	115	0	30	76-127	
m-Xylene & p-Xylene	0.0200	0.0206	103	4	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B85432.D

Lab ID: LCSD 460-838140/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
n-Butylbenzene	0.0200	0.0190	95	0	30	77-123	
N-Propylbenzene	0.0200	0.0204	102	1	30	78-120	
o-Xylene	0.0200	0.0185	92	6	30	80-120	
sec-Butylbenzene	0.0200	0.0191	96	2	30	78-120	
Styrene	0.0200	0.0197	98	3	30	80-120	
1,2-Dichloroethane	0.0200	0.0205	102	2	30	70-132	
tert-Butylbenzene	0.0200	0.0190	95	4	30	76-120	
1,2-Dichlorobenzene	0.0200	0.0199	99	1	30	80-120	
Tetrachloroethene	0.0200	0.0206	103	4	30	78-123	
1,2-Dibromo-3-Chloropropane	0.0200	0.0199	100	16	30	60-126	
Toluene	0.0200	0.0205	102	7	30	80-120	
trans-1,2-Dichloroethene	0.0200	0.0250	125	10	30	78-128	
trans-1,3-Dichloropropene	0.0200	0.0199	99	9	30	68-120	
Trichloroethene	0.0200	0.0203	101	6	30	79-120	
Trichlorofluoromethane	0.0200	0.0255	127	3	30	67-142	
Vinyl chloride	0.0200	0.0239	120	7	30	56-147	
Xylenes, Total	0.0400	0.0391	98	5	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B85463.D

Lab ID: LCSD 460-838227/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0207	103	2	30	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0205	102	5	30	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0255	128	2	30	78-136	
1,1,2-Trichloroethane	0.0200	0.0190	95	1	30	75-120	
1,1-Dichloroethane	0.0200	0.0207	104	5	30	76-129	
1,1-Dichloroethene	0.0200	0.0257	129	4	30	77-132	
1,2,3-Trichlorobenzene	0.0200	0.0198	99	1	30	65-144	
1,2,4-Trichlorobenzene	0.0200	0.0197	98	1	30	75-120	
1,2,4-Trimethylbenzene	0.0200	0.0187	93	0	30	79-120	
1,2-Dichloropropane	0.0200	0.0193	97	1	30	73-124	
1,3,5-Trimethylbenzene	0.0200	0.0183	91	1	30	79-120	
1,3-Dichlorobenzene	0.0200	0.0197	99	5	30	80-120	
1,4-Dichlorobenzene	0.0200	0.0186	93	1	30	80-120	
2-Butanone (MEK)	0.100	0.0887	89	2	30	75-120	
2-Hexanone	0.100	0.0816	82	4	30	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.0820	82	1	30	80-122	
Acetone	0.100	0.101	101	1	30	63-131	
Benzene	0.0200	0.0200	100	4	30	80-123	
Bromoform	0.0200	0.0195	97	8	30	48-142	
Bromomethane	0.0200	0.0218	109	5	30	46-150	
Carbon disulfide	0.0200	0.0247	124	2	30	67-136	
Carbon tetrachloride	0.0200	0.0205	103	3	30	72-136	
Chlorobenzene	0.0200	0.0191	96	3	30	80-120	
Chlorobromomethane	0.0200	0.0196	98	3	30	76-127	
Chlorodibromomethane	0.0200	0.0184	92	1	30	62-128	
Chloroethane	0.0200	0.0216	108	4	30	49-150	
Chloroform	0.0200	0.0196	98	2	30	79-126	
Chloromethane	0.0200	0.0207	104	0	30	48-150	
cis-1,2-Dichloroethene	0.0200	0.0205	103	5	30	80-123	
cis-1,3-Dichloropropene	0.0200	0.0185	93	3	30	72-120	
Cyclohexane	0.0200	0.0202	101	0	30	80-132	
Dichlorobromomethane	0.0200	0.0182	91	1	30	73-124	
Dichlorodifluoromethane	0.0200	0.0184	92	0	30	40-146	
Ethylbenzene	0.0200	0.0181	91	3	30	80-120	
Ethylene Dibromide	0.0200	0.0191	95	0	30	79-120	
Isopropylbenzene	0.0200	0.0168	84	0	30	80-120	
Methyl acetate	0.0400	0.0540	135	11	30	58-143	
Methyl tert-butyl ether	0.0200	0.0232	116	1	30	80-125	
Methylcyclohexane	0.0200	0.0195	98	3	30	79-133	
Methylene Chloride	0.0200	0.0223	112	0	30	76-127	
m-Xylene & p-Xylene	0.0200	0.0191	95	3	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B85463.D

Lab ID: LCSD 460-838227/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
n-Butylbenzene	0.0200	0.0182	91	1	30	77-123	
N-Propylbenzene	0.0200	0.0191	96	2	30	78-120	
o-Xylene	0.0200	0.0171	85	3	30	80-120	
sec-Butylbenzene	0.0200	0.0181	90	3	30	78-120	
Styrene	0.0200	0.0176	88	4	30	80-120	
1,2-Dichloroethane	0.0200	0.0197	99	4	30	70-132	
tert-Butylbenzene	0.0200	0.0180	90	3	30	76-120	
1,2-Dichlorobenzene	0.0200	0.0191	96	1	30	80-120	
Tetrachloroethene	0.0200	0.0201	100	2	30	78-123	
1,2-Dibromo-3-Chloropropane	0.0200	0.0205	102	7	30	60-126	
Toluene	0.0200	0.0185	93	1	30	80-120	
trans-1,2-Dichloroethene	0.0200	0.0228	114	1	30	78-128	
trans-1,3-Dichloropropene	0.0200	0.0184	92	2	30	68-120	
Trichloroethene	0.0200	0.0187	93	0	30	79-120	
Trichlorofluoromethane	0.0200	0.0236	118	1	30	67-142	
Vinyl chloride	0.0200	0.0218	109	0	30	56-147	
Xylenes, Total	0.0400	0.0362	90	3	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab File ID: B85437.D Lab Sample ID: MB 460-838140/9

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

Instrument ID: CVOAMS2 Date Analyzed: 04/08/2022 18:39

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-838140/3	B85431.D	04/08/2022 16:25
	LCSD 460-838140/4	B85432.D	04/08/2022 16:48
	LB3 460-837649/1-A	B85438.D	04/08/2022 19:01
SB-8 (0-5)	460-255692-1	B85439.D	04/08/2022 19:23
SB-8 (8-8.5)	460-255692-2	B85440.D	04/08/2022 19:46
SB-11 (4-4.5)	460-255692-3	B85441.D	04/08/2022 20:09
SB-11 (9.5-10)	460-255692-4	B85442.D	04/08/2022 20:31
SB-14 (4-5)	460-255692-5	B85443.D	04/08/2022 20:53
SB-14 (6-10)	460-255692-6	B85444.D	04/08/2022 21:15
SB-15 (3-5)	460-255692-7	B85445.D	04/08/2022 21:37
SB-15 (12-13)	460-255692-8	B85446.D	04/08/2022 21:59
DUP	460-255692-9	B85447.D	04/08/2022 22:22
SB-9 (4-5)	460-255692-10	B85448.D	04/08/2022 22:45
SB-9 (7-7.5)	460-255692-11	B85449.D	04/08/2022 23:06
SB-12 (0-5)	460-255692-12	B85450.D	04/08/2022 23:28
SB-12 (7-8)	460-255692-13	B85451.D	04/08/2022 23:51
SB-12 (15-15.5)	460-255692-14	B85452.D	04/09/2022 00:13
SB-10 (2.5-5)	460-255692-15	B85453.D	04/09/2022 00:34
SB-10 (7-7.5)	460-255692-16	B85454.D	04/09/2022 00:56
SB-10 (15-15.5)	460-255692-17	B85455.D	04/09/2022 01:19
SB-13 (2-2.5)	460-255692-18	B85456.D	04/09/2022 01:42
SB-13 (7-7.5)	460-255692-19	B85457.D	04/09/2022 02:04
SB-16 (3-5)	460-255692-20	B85458.D	04/09/2022 02:27

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab File ID: B85466.D Lab Sample ID: MB 460-838227/7

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

Instrument ID: CVOAMS2 Date Analyzed: 04/09/2022 07:22

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-838227/3	B85462.D	04/09/2022 05:53
	LCSD 460-838227/4	B85463.D	04/09/2022 06:15
SB-16 (7-7.5)	460-255692-21	B85468.D	04/09/2022 08:09

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab File ID: N47695.D Lab Sample ID: MB 460-838022/9

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

Instrument ID: CVOAMS11 Date Analyzed: 04/08/2022 08:46

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-838022/4	N47690.D	04/08/2022 06:53
	LCSD 460-838022/5	N47691.D	04/08/2022 07:16
TB	460-255692-22	N47701.D	04/08/2022 11:02
FB	460-255692-23	N47702.D	04/08/2022 11:25

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

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab File ID: N47425.D BFB Injection Date: 03/30/2022

Instrument ID: CVOAMS11 BFB Injection Time: 23:37

Analysis Batch No.: 836508

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	118.1
96	5 - 9% of m/z 95	7.0
173	Less than 2% of m/z 174	1.0
174	50 - 200% of m/z 95	84.7
175	5 - 9% of m/z 174	7.6
176	95 -105% of m/z 174	98.6
177	5 - 10% of m/z 176	7.4

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-836508/3	N47427.D	03/31/2022	0:26
	STD1 460-836508/4	N47428.D	03/31/2022	0:49
	STD5 460-836508/5	N47429.D	03/31/2022	1:12
	STD20 460-836508/6	N47430.D	03/31/2022	1:35
	STD50 460-836508/7	N47431.D	03/31/2022	1:58
	STD200 460-836508/8	N47432.D	03/31/2022	2:21
	STD500 460-836508/9	N47433.D	03/31/2022	2:44
	ICV 460-836508/17	N47441.D	03/31/2022	5:47

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

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab File ID: B85232.D BFB Injection Date: 04/05/2022

Instrument ID: CVOAMS2 BFB Injection Time: 06:31

Analysis Batch No.: 837357

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	152.4
96	5 - 9% of m/z 95	6.9
173	Less than 2% of m/z 174	1.2
174	50 - 200% of m/z 95	65.6
175	5 - 9% of m/z 174	7.4
176	95 -105% of m/z 174	96.1
177	5 - 10% of m/z 176	6.8

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 460-837357/4	B85235.D	04/05/2022	7:38
	STD5 460-837357/5	B85236.D	04/05/2022	7:59
	STD50 460-837357/7	B85238.D	04/05/2022	8:43
	STD200 460-837357/8	B85239.D	04/05/2022	9:05
	STD500 460-837357/9	B85240.D	04/05/2022	9:28
	STD20 460-837357/17	B85248.D	04/05/2022	12:25
	ICV 460-837357/18	B85249.D	04/05/2022	12:47

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

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Sample No.: STD20 460-836508/6 Date Analyzed: 03/31/2022 01:35

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): N47430.D Heated Purge: (Y/N) N

Calibration ID: 90160

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		43184	2.90	259665	3.91	580888	4.98
UPPER LIMIT		86368	3.40	519330	4.41	1161776	5.48
LOWER LIMIT		21592	2.40	129833	3.41	290444	4.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-836508/17		42494	2.89	226305	3.92	589827	4.98

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

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

Column used to flag values outside QC limits

FORM VIII 8260D

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

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Sample No.: STD20 460-836508/6 Date Analyzed: 03/31/2022 01:35

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): N47430.D Heated Purge: (Y/N) N

Calibration ID: 90160

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		33678	5.65	473560	8.37	263118	11.00
UPPER LIMIT		67356	6.15	947120	8.87	526236	11.50
LOWER LIMIT		16839	5.15	236780	7.87	131559	10.50
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-836508/17		34823	5.65	488032	8.36	274435	11.00

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

FORM VIII 8260D

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

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Sample No.: CCVIS 460-838022/3 Date Analyzed: 04/08/2022 06:30

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): N47689.D Heated Purge: (Y/N) N

Calibration ID: 90160

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		42811	2.89	194807	3.91	545488	4.97
UPPER LIMIT		85622	3.39	389614	4.41	1090976	5.47
LOWER LIMIT		21406	2.39	97404	3.41	272744	4.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-838022/4		45488	2.90	219677	3.91	563014	4.97
LCSD 460-838022/5		46938	2.90	224219	3.92	567520	4.98
MB 460-838022/9		34042	2.89	170959	3.91	464204	4.97
460-255692-22	TB	31889	2.89	164196	3.91	439319	4.97
460-255692-23	FB	33770	2.90	167063	3.91	438435	4.98

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

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

Column used to flag values outside QC limits

FORM VIII 8260D

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

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Sample No.: CCVIS 460-838022/3 Date Analyzed: 04/08/2022 06:30

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): N47689.D Heated Purge: (Y/N) N

Calibration ID: 90160

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		34130	5.65	460703	8.36	272517	11.00
UPPER LIMIT		68260	6.15	921406	8.86	545034	11.50
LOWER LIMIT		17065	5.15	230352	7.86	136259	10.50
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-838022/4		36389	5.65	481897	8.36	274016	11.00
LCSD 460-838022/5		35117	5.66	474665	8.36	278696	11.00
MB 460-838022/9		26738	5.65	388862	8.36	229990	11.00
460-255692-22	TB	24872	5.65	368349	8.36	206543	11.00
460-255692-23	FB	25065	5.66	372042	8.36	216701	11.00

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

FORM VIII 8260D

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

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Sample No.: STD20 460-837357/17 Date Analyzed: 04/05/2022 12:25

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B85248.D Heated Purge: (Y/N) Y

Calibration ID: 90179

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		363105	1.55	333904	2.29	516615	3.32
UPPER LIMIT		726210	2.05	667808	2.79	1033230	3.82
LOWER LIMIT		181553	1.05	166952	1.79	258308	2.82
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-837357/18		396482	1.55	354911	2.29	516740	3.32

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

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

Column used to flag values outside QC limits

FORM VIII 8260D

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

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Sample No.: STD20 460-837357/17 Date Analyzed: 04/05/2022 12:25

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B85248.D Heated Purge: (Y/N) Y

Calibration ID: 90179

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		19939	4.11	326260	7.65	167062	11.96
UPPER LIMIT		39878	4.61	652520	8.15	334124	12.46
LOWER LIMIT		9970	3.61	163130	7.15	83531	11.46
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-837357/18		22544	4.13	333107	7.65	171328	11.96

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

FORM VIII 8260D

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

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Sample No.: CCVIS 460-838140/2 Date Analyzed: 04/08/2022 15:58

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B85430.D Heated Purge: (Y/N) Y

Calibration ID: 90179

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		339240	1.54	318846	2.28	491862	3.32
UPPER LIMIT		678480	2.04	637692	2.78	983724	3.82
LOWER LIMIT		169620	1.04	159423	1.78	245931	2.82
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-838140/3		310750	1.53	288450	2.27	489709	3.31
LCSD 460-838140/4		422439	1.54	328046	2.28	449789	3.32
MB 460-838140/9		346768	1.55	290429	2.29	462826	3.32
LB3 460-837649/1-A		300658	1.54	244457	2.28	403788	3.31
460-255692-1	SB-8 (0-5)	305578	1.54	259227	2.29	436238	3.32
460-255692-2	SB-8 (8-8.5)	288019	1.54	247525	2.28	421198	3.32
460-255692-3	SB-11 (4-4.5)	286222	1.53	235119	2.28	420805	3.31
460-255692-4	SB-11 (9.5-10)	306213	1.56	254402	2.29	445191	3.32
460-255692-5	SB-14 (4-5)	321621	1.54	264505	2.28	432528	3.32
460-255692-6	SB-14 (6-10)	309899	1.56	254457	2.28	431863	3.32
460-255692-7	SB-15 (3-5)	348209	1.54	267526	2.29	428632	3.32
460-255692-8	SB-15 (12-13)	314092	1.54	249227	2.29	423937	3.32
460-255692-9	DUP	338802	1.54	260681	2.28	446402	3.32
460-255692-10	SB-9 (4-5)	322261	1.53	244464	2.28	397604	3.31
460-255692-11	SB-9 (7-7.5)	350430	1.54	260625	2.28	399440	3.32
460-255692-12	SB-12 (0-5)	346217	1.53	257115	2.28	399865	3.31
460-255692-13	SB-12 (7-8)	312493	1.55	251890	2.29	432106	3.32
460-255692-14	SB-12 (15-15.5)	288970	1.53	233073	2.28	407605	3.31
460-255692-15	SB-10 (2.5-5)	282983	1.52	231752	2.27	391216	3.31
460-255692-16	SB-10 (7-7.5)	326081	1.53	255170	2.28	395650	3.31
460-255692-17	SB-10 (15-15.5)	288771	1.54	241469	2.28	404115	3.31
460-255692-18	SB-13 (2-2.5)	314415	1.54	256135	2.28	416525	3.32
460-255692-19	SB-13 (7-7.5)	323125	1.54	256446	2.28	432535	3.32
460-255692-20	SB-16 (3-5)	287166	1.54	245422	2.29	423402	3.32

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

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

Column used to flag values outside QC limits

FORM VIII 8260D

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

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Sample No.: CCVIS 460-838140/2 Date Analyzed: 04/08/2022 15:58

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B85430.D Heated Purge: (Y/N) Y

Calibration ID: 90179

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		19877	4.14	316151	7.65	164268	11.96
UPPER LIMIT		39754	4.64	632302	8.15	328536	12.46
LOWER LIMIT		9939	3.64	158076	7.15	82134	11.46
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-838140/3		20637	4.11	322714	7.64	168464	11.96
LCSD 460-838140/4		21833	4.14	279023	7.65	147409	11.96
MB 460-838140/9		13019	4.12	280892	7.65	132383	11.96
LB3 460-837649/1-A		11018	4.12	229133	7.64	110952	11.96
460-255692-1	SB-8 (0-5)	10174	4.14	247829	7.65	120809	11.96
460-255692-2	SB-8 (8-8.5)	8530*3	4.12	234635	7.64	117050	11.96
460-255692-3	SB-11 (4-4.5)	8976*3	4.12	237305	7.64	116827	11.96
460-255692-4	SB-11 (9.5-10)	9847*3	4.13	251974	7.65	123834	11.96
460-255692-5	SB-14 (4-5)	10220	4.14	250057	7.64	123076	11.96
460-255692-6	SB-14 (6-10)	9823*3	4.13	272733	7.65	125592	11.96
460-255692-7	SB-15 (3-5)	11430	4.12	247456	7.64	124400	11.96
460-255692-8	SB-15 (12-13)	9703*3	4.12	244436	7.65	122845	11.97
460-255692-9	DUP	11409	4.12	281751	7.65	132799	11.96
460-255692-10	SB-9 (4-5)	11621	4.13	252243	7.64	118631	11.96
460-255692-11	SB-9 (7-7.5)	10361	4.14	237896	7.64	115785	11.96
460-255692-12	SB-12 (0-5)	10220	4.12	233644	7.64	113561	11.96
460-255692-13	SB-12 (7-8)	9766*3	4.14	249183	7.64	121025	11.96
460-255692-14	SB-12 (15-15.5)	9159*3	4.13	237762	7.64	112976	11.96
460-255692-15	SB-10 (2.5-5)	8648*3	4.14	236440	7.64	111883	11.96
460-255692-16	SB-10 (7-7.5)	10581	4.11	233513	7.64	109288	11.96
460-255692-17	SB-10 (15-15.5)	9245*3	4.11	238273	7.64	113848	11.96
460-255692-18	SB-13 (2-2.5)	9224*3	4.12	234525	7.65	116807	11.96
460-255692-19	SB-13 (7-7.5)	11255	4.12	269369	7.65	125661	11.96
460-255692-20	SB-16 (3-5)	8183*3	4.12	234501	7.65	115290	11.96

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

FORM VIII 8260D

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

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Sample No.: CCVIS 460-838227/2 Date Analyzed: 04/09/2022 05:30

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B85461.D Heated Purge: (Y/N) Y

Calibration ID: 90179

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		351727	1.54	305965	2.29	495619	3.32
UPPER LIMIT		703454	2.04	611930	2.79	991238	3.82
LOWER LIMIT		175864	1.04	152983	1.79	247810	2.82
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-838227/3		416603	1.54	335687	2.28	453350	3.32
LCSD 460-838227/4		454235	1.54	342816	2.28	423636	3.31
MB 460-838227/7		331229	1.53	255449	2.28	436773	3.32
460-255692-21	SB-16 (7-7.5)	277878	1.54	230357	2.28	430521	3.32

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

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

Column used to flag values outside QC limits

FORM VIII 8260D

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

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Sample No.: CCVIS 460-838227/2 Date Analyzed: 04/09/2022 05:30

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B85461.D Heated Purge: (Y/N) Y

Calibration ID: 90179

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		15474	4.14	298131	7.65	156563	11.96
UPPER LIMIT		30948	4.64	596262	8.15	313126	12.46
LOWER LIMIT		7737	3.64	149066	7.15	78282	11.46
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-838227/3		18880	4.14	285023	7.65	144389	11.96
LCSD 460-838227/4		22382	4.14	260943	7.65	136933	11.96
MB 460-838227/7		12065	4.12	270376	7.65	126278	11.96
460-255692-21	SB-16 (7-7.5)	9152	4.12	303329	7.65	136304	11.96

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

FORM VIII 8260D

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-8 (0-5) | Lab Sample ID: 460-255692-1

Matrix: Solid | Lab File ID: B85439.D

Analysis Method: 8260D | Date Collected: 04/05/2022 09:10

Sample wt/vol: 3.97(g) | Date Analyzed: 04/08/2022 19:23

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 5.2 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00031	U	0.0013	0.00031
79-34-5	1,1,2,2-Tetrachloroethane	0.00028	U	0.0013	0.00028
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00040	U *+	0.0013	0.00040
79-00-5	1,1,2-Trichloroethane	0.00024	U	0.0013	0.00024
75-34-3	1,1-Dichloroethane	0.00027	U	0.0013	0.00027
75-35-4	1,1-Dichloroethene	0.00030	U *+	0.0013	0.00030
87-61-6	1,2,3-Trichlorobenzene	0.00024	U	0.0013	0.00024
120-82-1	1,2,4-Trichlorobenzene	0.00048	U	0.0013	0.00048
95-63-6	1,2,4-Trimethylbenzene	0.00033	U	0.0013	0.00033
96-12-8	1,2-Dibromo-3-Chloropropane	0.00061	U	0.0013	0.00061
95-50-1	1,2-Dichlorobenzene	0.00048	U	0.0013	0.00048
107-06-2	1,2-Dichloroethane	0.00039	U	0.0013	0.00039
78-87-5	1,2-Dichloropropane	0.00056	U	0.0013	0.00056
108-67-8	1,3,5-Trimethylbenzene	0.00042	U	0.0013	0.00042
541-73-1	1,3-Dichlorobenzene	0.00048	U	0.0013	0.00048
106-46-7	1,4-Dichlorobenzene	0.00030	U	0.0013	0.00030
78-93-3	2-Butanone (MEK)	0.00049	U	0.0066	0.00049
591-78-6	2-Hexanone	0.0023	U	0.0066	0.0023
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0021	U	0.0066	0.0021
67-64-1	Acetone	0.015		0.0080	0.0076
71-43-2	Benzene	0.00034	U	0.0013	0.00034
75-25-2	Bromoform	0.00056	U	0.0013	0.00056
74-83-9	Bromomethane	0.0013	U	0.0027	0.0013
75-15-0	Carbon disulfide	0.00035	U	0.0013	0.00035
56-23-5	Carbon tetrachloride	0.00051	U	0.0013	0.00051
108-90-7	Chlorobenzene	0.00024	U	0.0013	0.00024
74-97-5	Chlorobromomethane	0.00037	U	0.0013	0.00037
124-48-1	Chlorodibromomethane	0.00026	U	0.0013	0.00026
75-00-3	Chloroethane	0.00069	U	0.0013	0.00069
67-66-3	Chloroform	0.0013	U	0.0013	0.0013
74-87-3	Chloromethane	0.00058	U	0.0013	0.00058
156-59-2	cis-1,2-Dichloroethene	0.00048	U	0.0013	0.00048
10061-01-5	cis-1,3-Dichloropropene	0.00036	U	0.0013	0.00036
110-82-7	Cyclohexane	0.00029	U	0.0013	0.00029
75-27-4	Dichlorobromomethane	0.00034	U	0.0013	0.00034

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-8 (0-5) | Lab Sample ID: 460-255692-1

Matrix: Solid | Lab File ID: B85439.D

Analysis Method: 8260D | Date Collected: 04/05/2022 09:10

Sample wt/vol: 3.97(g) | Date Analyzed: 04/08/2022 19:23

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 5.2 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.00045	U	0.0013	0.00045
100-41-4	Ethylbenzene	0.00026	U	0.0013	0.00026
106-93-4	Ethylene Dibromide	0.00024	U	0.0013	0.00024
98-82-8	Isopropylbenzene	0.00038	U	0.0013	0.00038
79-20-9	Methyl acetate	0.0057	U	0.0066	0.0057
1634-04-4	Methyl tert-butyl ether	0.00068	U	0.0013	0.00068
108-87-2	Methylcyclohexane	0.00066	U	0.0013	0.00066
75-09-2	Methylene Chloride	0.0015	U	0.0027	0.0015
179601-23-1	m-Xylene & p-Xylene	0.00023	U	0.0013	0.00023
104-51-8	n-Butylbenzene	0.00039	U	0.0013	0.00039
103-65-1	N-Propylbenzene	0.00023	U	0.0013	0.00023
95-47-6	o-Xylene	0.00026	U	0.0013	0.00026
135-98-8	sec-Butylbenzene	0.00038	U	0.0013	0.00038
100-42-5	Styrene	0.00037	U	0.0013	0.00037
98-06-6	tert-Butylbenzene	0.00037	U	0.0013	0.00037
127-18-4	Tetrachloroethene	0.012		0.0013	0.00041
108-88-3	Toluene	0.0013		0.0013	0.00031
156-60-5	trans-1,2-Dichloroethene	0.00033	U	0.0013	0.00033
10061-02-6	trans-1,3-Dichloropropene	0.00035	U	0.0013	0.00035
79-01-6	Trichloroethene	0.00043	U	0.0013	0.00043
75-69-4	Trichlorofluoromethane	0.00054	U	0.0013	0.00054
75-01-4	Vinyl chloride	0.00073	U	0.0013	0.00073
1330-20-7	Xylenes, Total	0.00085	U	0.0027	0.00085

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		77-145
460-00-4	4-Bromofluorobenzene	95		70-139
1868-53-7	Dibromofluoromethane (Surr)	106		48-150
2037-26-5	Toluene-d8 (Surr)	99		80-120

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

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-8 (0-5) | Lab Sample ID: 460-255692-1

Matrix: Solid | Lab File ID: B85439.D

Analysis Method: 8260D | Date Collected: 04/05/2022 09:10

Sample wt/vol: 3.97(g) | Date Analyzed: 04/08/2022 19:23

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 5.2 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85439.D
Lims ID: 460-255692-B-1-A
Client ID: SB-8 (0-5)
Sample Type: Client
Inject. Date: 08-Apr-2022 19:23:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-1-A
Misc. Info.: 460-0143790-011
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:46:26 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: parekhv Date: 08-Apr-2022 19:44:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.252	1.252	0.000	0	7587	10.9	
28 Methylene Chloride	84	1.471	1.471	0.000	0	1305	0.5197	
* 29 TBA-d9 (IS)	65	1.544	1.532	0.012	0	305578	1000.0	
* 40 2-Butanone-d5	46	2.288	2.270	0.018	0	259227	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.697	0.000	0	113915	53.0	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.971	0.006	0	130922	51.4	
* 60 Fluorobenzene	96	3.318	3.306	0.012	0	436238	50.0	
63 Trichloroethene	95	3.703	3.703	0.000	1	367	0.1819	M
* 69 1,4-Dioxane-d8	96	4.141	4.111	0.030	0	10174	1000.0	M
$ 79 Toluene-d8 (Surr)	98	5.288	5.281	0.007	0	356902	49.7	
80 Toluene	91	5.373	5.373	0.000	0	6957	0.9419	
85 Tetrachloroethene	166	6.208	6.208	0.000	0	14840	9.29	
* 91 Chlorobenzene-d5	117	7.647	7.641	0.006	0	247829	50.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	0	80533	47.4	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	0	120809	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00227 Amount Added: 1.00 Units: uL Run Reagent

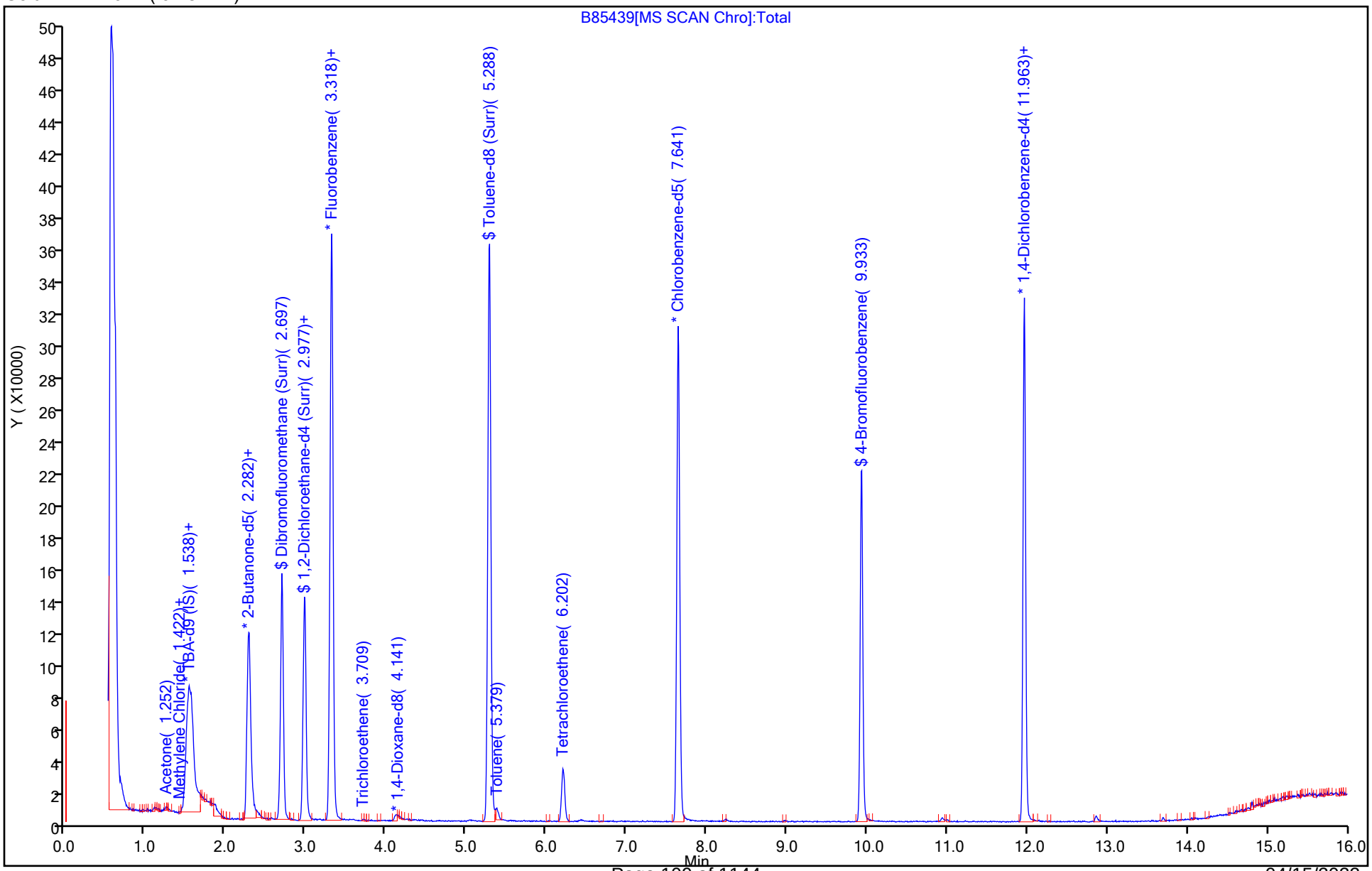
Report Date: 11-Apr-2022 10:46:27 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85439.D

Injection Date:	08-Apr-2022 19:23:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-255692-B-1-A	Lab Sample ID:	460-255692-1	Worklist Smp#:	11
Client ID:	SB-8 (0-5)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85439.D
Lims ID: 460-255692-B-1-A
Client ID: SB-8 (0-5)
Sample Type: Client
Inject. Date: 08-Apr-2022 19:23:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-1-A
Misc. Info.: 460-0143790-011
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:46:26 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: parekhv Date: 08-Apr-2022 19:44:03

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	53.0	106.05
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	51.4	102.87
$ 79 Toluene-d8 (Surr)	50.0	49.7	99.36
$ 103 4-Bromofluorobenzene	50.0	47.4	94.74

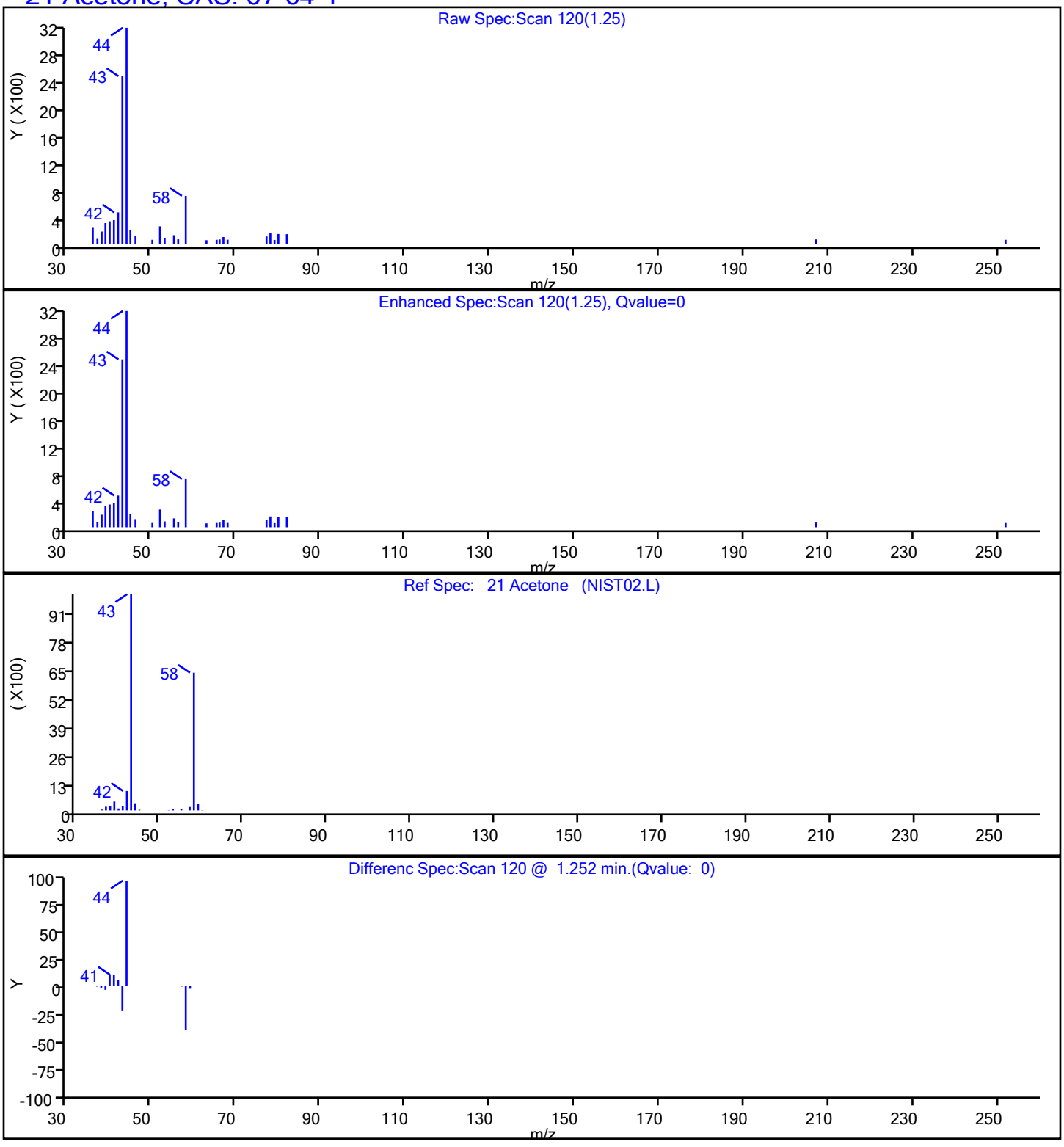
Report Date: 11-Apr-2022 10:46:27 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85439.D

Injection Date:	08-Apr-2022 19:23:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-1-A	Lab Sample ID:	460-255692-1
Client ID:	SB-8 (0-5)		
Operator ID:		ALS Bottle#:	10 Worklist Smp#: 11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

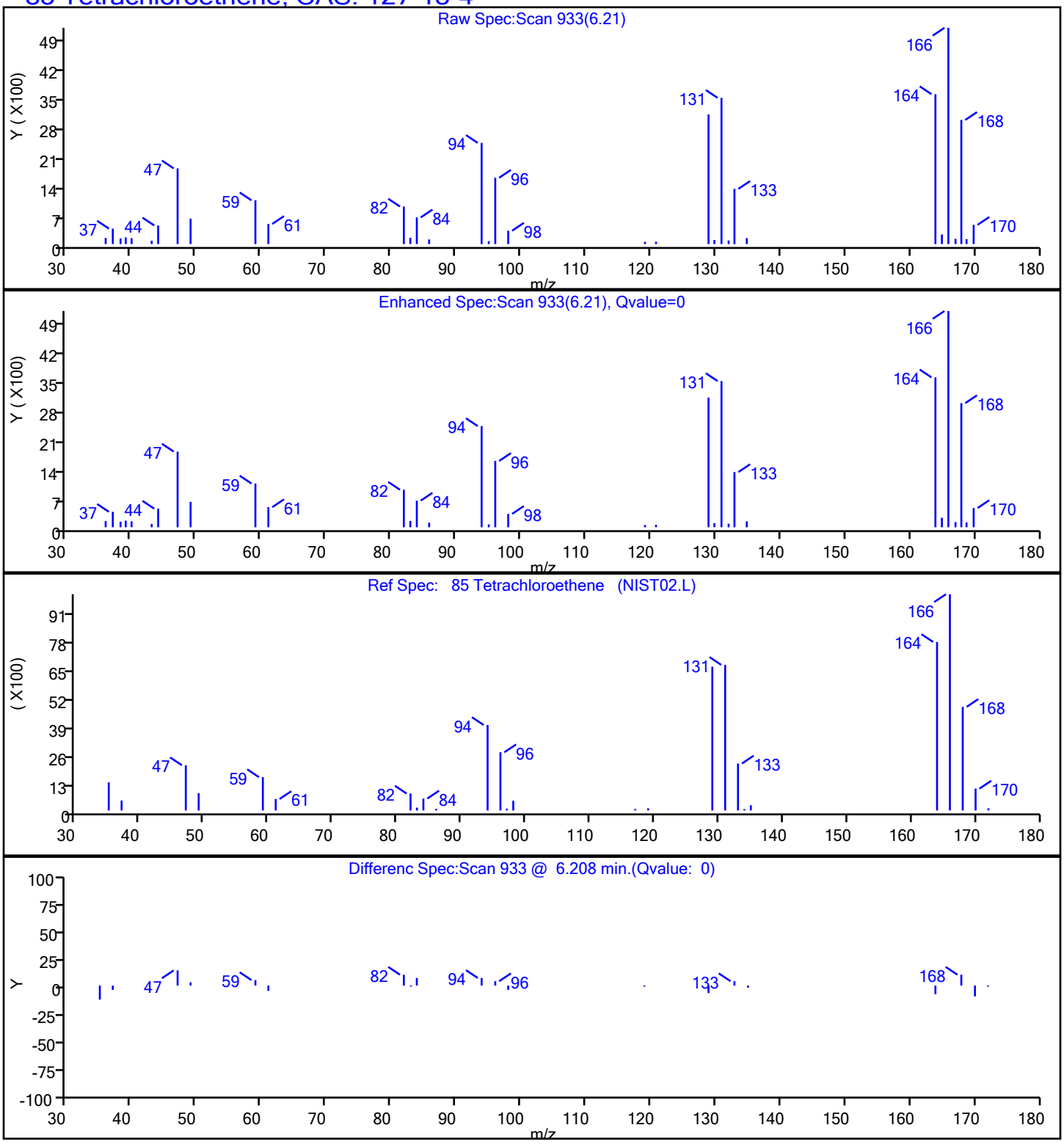
21 Acetone, CAS: 67-64-1



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85439.D
Injection Date: 08-Apr-2022 19:23:30 Instrument ID: CVOAMS2
Lims ID: 460-255692-B-1-A Lab Sample ID: 460-255692-1
Client ID: SB-8 (0-5)
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

85 Tetrachloroethene, CAS: 127-18-4



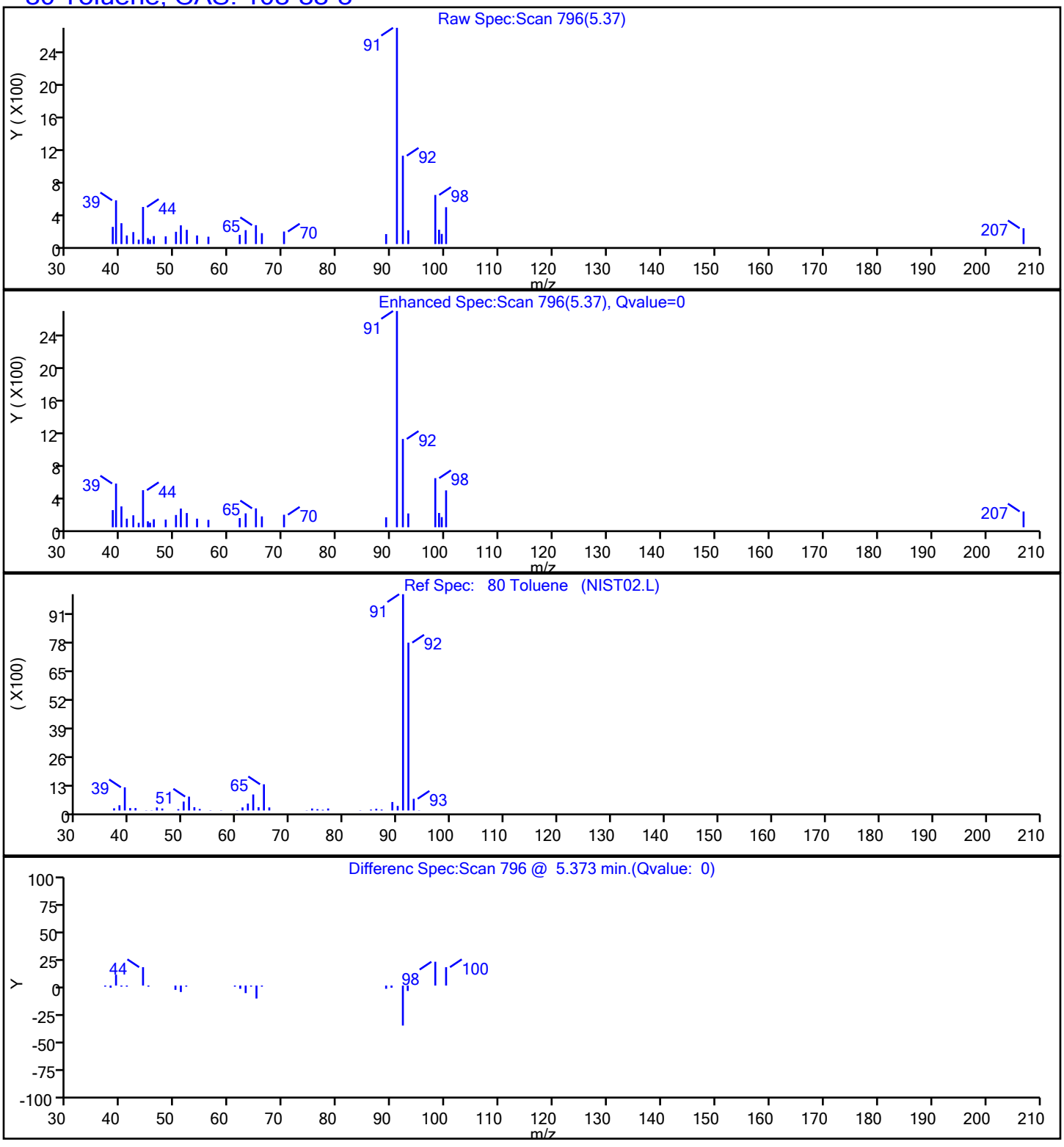
Report Date: 11-Apr-2022 10:46:27 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85439.D

Injection Date:	08-Apr-2022 19:23:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-1-A	Lab Sample ID:	460-255692-1
Client ID:	SB-8 (0-5)		
Operator ID:		ALS Bottle#:	10 Worklist Smp#: 11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

80 Toluene, CAS: 108-88-3



Manual Integration/User Assign Peak Report

Eurofins Edison

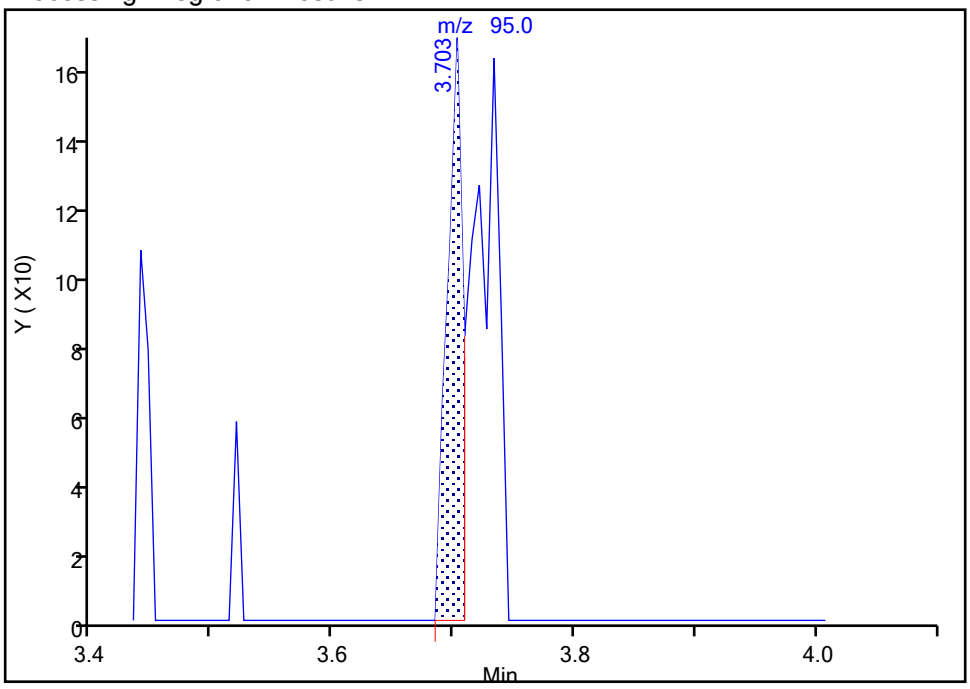
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85439.D
Injection Date: 08-Apr-2022 19:23:30 Instrument ID: CVOAMS2
Lims ID: 460-255692-B-1-A Lab Sample ID: 460-255692-1
Client ID: SB-8 (0-5)
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

63 Trichloroethene, CAS: 79-01-6

Signal: 1

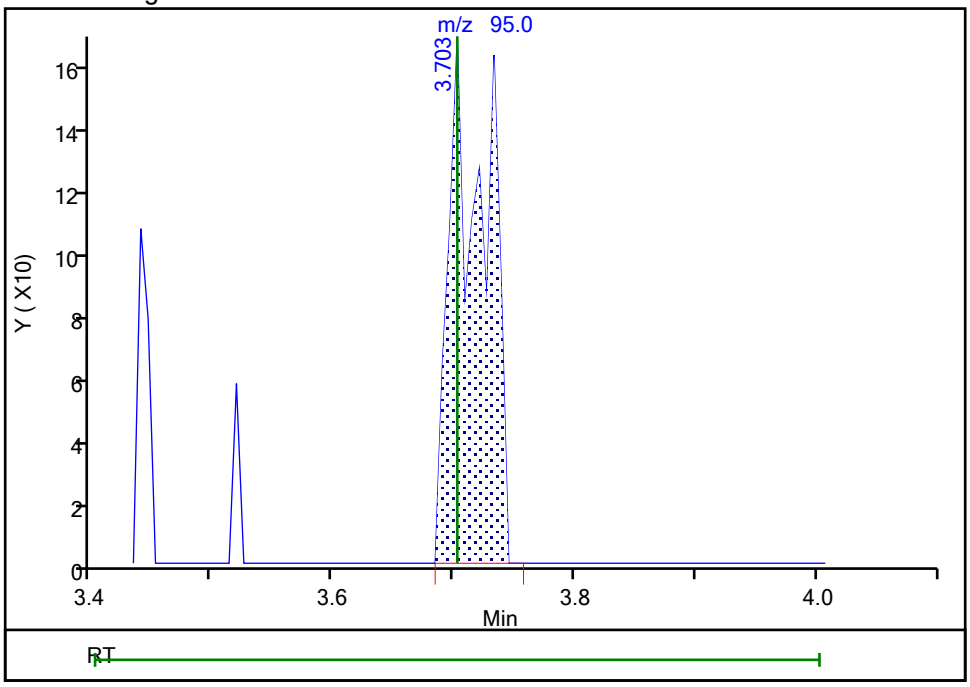
Processing Integration Results

RT: 3.70
Area: 156
Amount: 0.077334
Amount Units: ug/l



Manual Integration Results

RT: 3.70
Area: 367
Amount: 0.181932
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:46:24
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

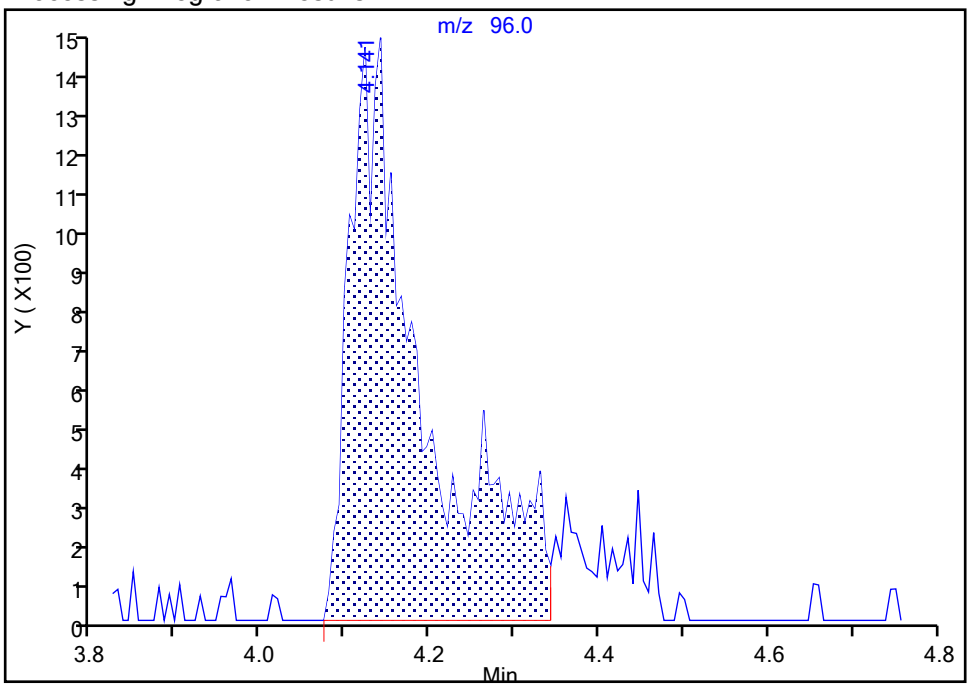
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85439.D		
Injection Date:	08-Apr-2022 19:23:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-1-A	Lab Sample ID:	460-255692-1
Client ID:	SB-8 (0-5)		
Operator ID:		ALS Bottle#:	10 Worklist Smp#: 11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

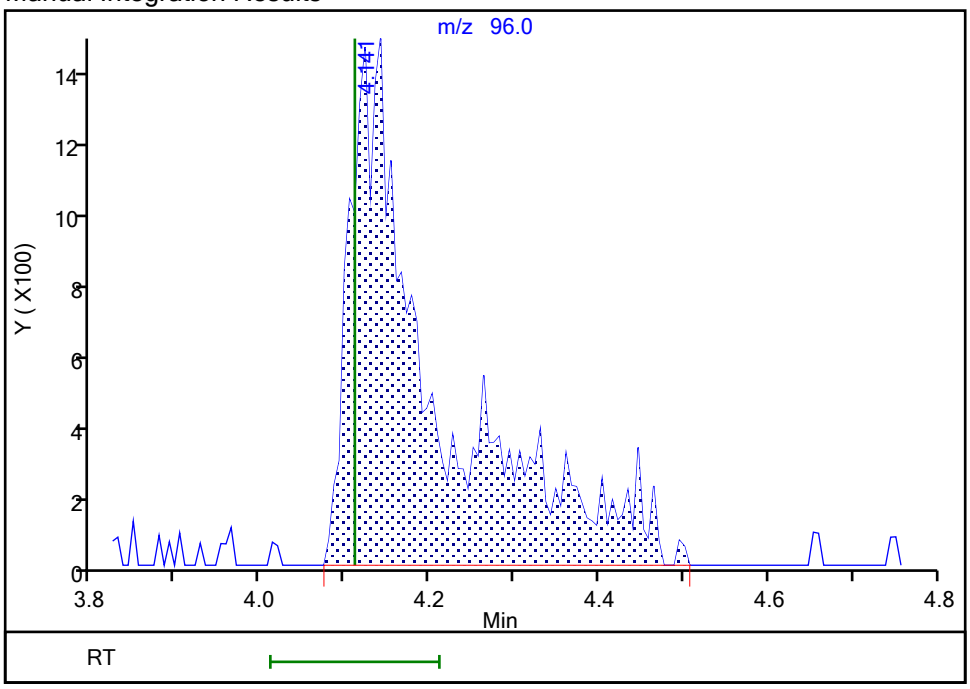
Processing Integration Results

RT: 4.14
Area: 8822
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.14
Area: 10174
Amount: 1000.0000
Amount Units: ug/l



Reviewer: parekhv, 08-Apr-2022 19:43:33

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-8 (8-8.5) | Lab Sample ID: 460-255692-2

Matrix: Solid | Lab File ID: B85440.D

Analysis Method: 8260D | Date Collected: 04/05/2022 09:20

Sample wt/vol: 3.75(g) | Date Analyzed: 04/08/2022 19:46

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 3.7 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00032	U	0.0014	0.00032
79-34-5	1,1,2,2-Tetrachloroethane	0.00030	U	0.0014	0.00030
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00042	U *+	0.0014	0.00042
79-00-5	1,1,2-Trichloroethane	0.00025	U	0.0014	0.00025
75-34-3	1,1-Dichloroethane	0.00029	U	0.0014	0.00029
75-35-4	1,1-Dichloroethene	0.00031	U *+	0.0014	0.00031
87-61-6	1,2,3-Trichlorobenzene	0.00025	U	0.0014	0.00025
120-82-1	1,2,4-Trichlorobenzene	0.00050	U	0.0014	0.00050
95-63-6	1,2,4-Trimethylbenzene	0.00034	U	0.0014	0.00034
96-12-8	1,2-Dibromo-3-Chloropropane	0.00064	U	0.0014	0.00064
95-50-1	1,2-Dichlorobenzene	0.00050	U	0.0014	0.00050
107-06-2	1,2-Dichloroethane	0.00041	U	0.0014	0.00041
78-87-5	1,2-Dichloropropane	0.00059	U	0.0014	0.00059
108-67-8	1,3,5-Trimethylbenzene	0.00043	U	0.0014	0.00043
541-73-1	1,3-Dichlorobenzene	0.00051	U	0.0014	0.00051
106-46-7	1,4-Dichlorobenzene	0.00031	U	0.0014	0.00031
78-93-3	2-Butanone (MEK)	0.00051	U	0.0069	0.00051
591-78-6	2-Hexanone	0.0024	U	0.0069	0.0024
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0022	U	0.0069	0.0022
67-64-1	Acetone	0.0090		0.0083	0.0079
71-43-2	Benzene	0.00036	U	0.0014	0.00036
75-25-2	Bromoform	0.00059	U	0.0014	0.00059
74-83-9	Bromomethane	0.0014	U	0.0028	0.0014
75-15-0	Carbon disulfide	0.00037	U	0.0014	0.00037
56-23-5	Carbon tetrachloride	0.00054	U	0.0014	0.00054
108-90-7	Chlorobenzene	0.00025	U	0.0014	0.00025
74-97-5	Chlorobromomethane	0.00039	U	0.0014	0.00039
124-48-1	Chlorodibromomethane	0.00027	U	0.0014	0.00027
75-00-3	Chloroethane	0.00072	U	0.0014	0.00072
67-66-3	Chloroform	0.0013	U	0.0014	0.0013
74-87-3	Chloromethane	0.00060	U	0.0014	0.00060
156-59-2	cis-1,2-Dichloroethene	0.00050	U	0.0014	0.00050
10061-01-5	cis-1,3-Dichloropropene	0.00038	U	0.0014	0.00038
110-82-7	Cyclohexane	0.00031	U	0.0014	0.00031
75-27-4	Dichlorobromomethane	0.00036	U	0.0014	0.00036

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-8 (8-8.5) | Lab Sample ID: 460-255692-2

Matrix: Solid | Lab File ID: B85440.D

Analysis Method: 8260D | Date Collected: 04/05/2022 09:20

Sample wt/vol: 3.75(g) | Date Analyzed: 04/08/2022 19:46

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 3.7 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.00047	U	0.0014	0.00047
100-41-4	Ethylbenzene	0.00028	U	0.0014	0.00028
106-93-4	Ethylene Dibromide	0.00025	U	0.0014	0.00025
98-82-8	Isopropylbenzene	0.00039	U	0.0014	0.00039
79-20-9	Methyl acetate	0.0060	U	0.0069	0.0060
1634-04-4	Methyl tert-butyl ether	0.00071	U	0.0014	0.00071
108-87-2	Methylcyclohexane	0.00069	U	0.0014	0.00069
75-09-2	Methylene Chloride	0.0016	U	0.0028	0.0016
179601-23-1	m-Xylene & p-Xylene	0.00024	U	0.0014	0.00024
104-51-8	n-Butylbenzene	0.00041	U	0.0014	0.00041
103-65-1	N-Propylbenzene	0.00024	U	0.0014	0.00024
95-47-6	o-Xylene	0.00027	U	0.0014	0.00027
135-98-8	sec-Butylbenzene	0.00040	U	0.0014	0.00040
100-42-5	Styrene	0.00038	U	0.0014	0.00038
98-06-6	tert-Butylbenzene	0.00038	U	0.0014	0.00038
127-18-4	Tetrachloroethene	0.00042	U	0.0014	0.00042
108-88-3	Toluene	0.00032	U	0.0014	0.00032
156-60-5	trans-1,2-Dichloroethene	0.00034	U	0.0014	0.00034
10061-02-6	trans-1,3-Dichloropropene	0.00037	U	0.0014	0.00037
79-01-6	Trichloroethene	0.00044	U	0.0014	0.00044
75-69-4	Trichlorofluoromethane	0.00056	U	0.0014	0.00056
75-01-4	Vinyl chloride	0.00076	U	0.0014	0.00076
1330-20-7	Xylenes, Total	0.00089	U	0.0028	0.00089

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		77-145
460-00-4	4-Bromofluorobenzene	92		70-139
1868-53-7	Dibromofluoromethane (Surr)	102		48-150
2037-26-5	Toluene-d8 (Surr)	97		80-120

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

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-8 (8-8.5) | Lab Sample ID: 460-255692-2

Matrix: Solid | Lab File ID: B85440.D

Analysis Method: 8260D | Date Collected: 04/05/2022 09:20

Sample wt/vol: 3.75(g) | Date Analyzed: 04/08/2022 19:46

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 3.7 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85440.D
Lims ID: 460-255692-B-2-A
Client ID: SB-8 (8-8.5)
Sample Type: Client
Inject. Date: 08-Apr-2022 19:46:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-2-A
Misc. Info.: 460-0143790-012
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:48:57 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: parekhv Date: 08-Apr-2022 20:11:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.258	1.252	0.006	59	4303	6.48	a
* 29 TBA-d9 (IS)	65	1.544	1.532	0.012	0	288019	1000.0	
* 40 2-Butanone-d5	46	2.282	2.270	0.012	0	247525	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.696	2.697	-0.001	0	105539	50.9	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.971	0.006	0	120401	49.0	
* 60 Fluorobenzene	96	3.318	3.306	0.012	0	421198	50.0	
* 69 1,4-Dioxane-d8	96	4.123	4.111	0.012	0	8530	1000.0	s
$ 79 Toluene-d8 (Surr)	98	5.287	5.281	0.006	0	330718	48.6	
* 91 Chlorobenzene-d5	117	7.641	7.641	0.000	0	234635	50.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	0	75998	46.1	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	0	117050	50.0	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test
Review Flags
a - User Assigned ID

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00227 Amount Added: 1.00 Units: uL Run Reagent

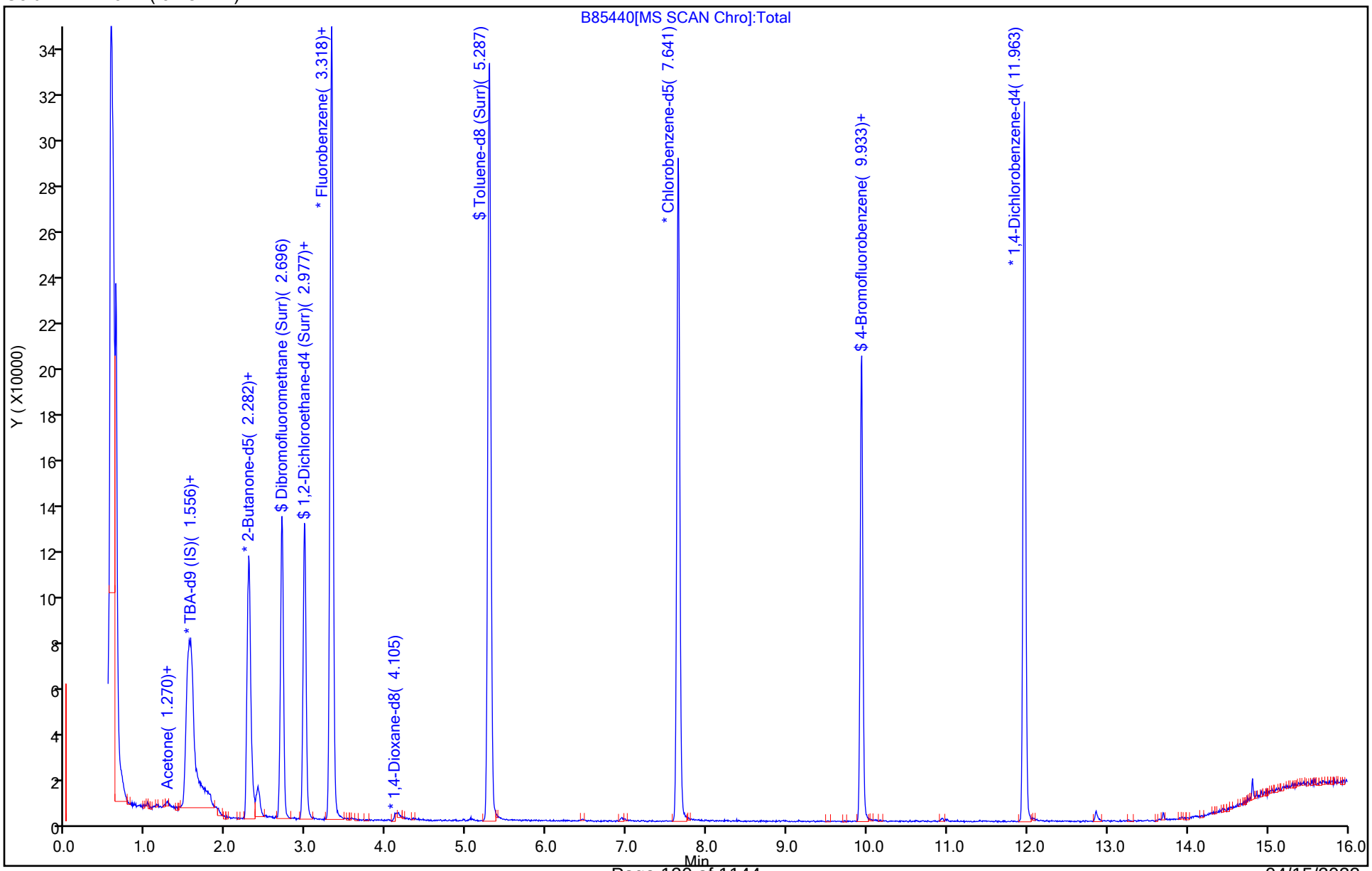
Report Date: 11-Apr-2022 10:48:57 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85440.D

Injection Date:	08-Apr-2022 19:46:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-255692-B-2-A	Lab Sample ID:	460-255692-2	Worklist Smp#:	12
Client ID:	SB-8 (8-8.5)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85440.D
Lims ID: 460-255692-B-2-A
Client ID: SB-8 (8-8.5)
Sample Type: Client
Inject. Date: 08-Apr-2022 19:46:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-2-A
Misc. Info.: 460-0143790-012
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:48:57 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: parekhv Date: 08-Apr-2022 20:11:58

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	50.9	101.76
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	49.0	97.98
$ 79 Toluene-d8 (Surr)	50.0	48.6	97.24
$ 103 4-Bromofluorobenzene	50.0	46.1	92.28

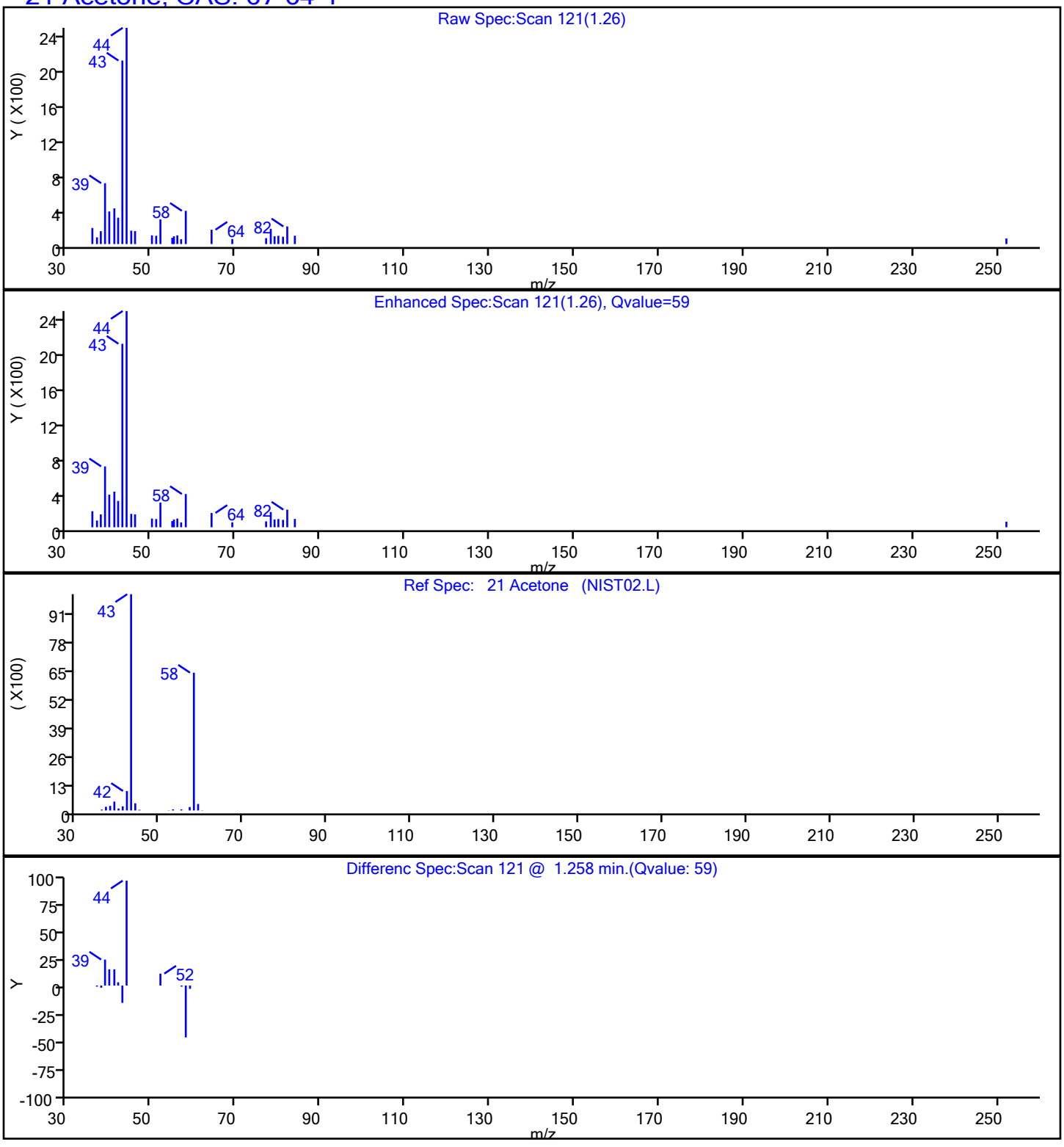
Report Date: 11-Apr-2022 10:48:57 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85440.D

Injection Date:	08-Apr-2022 19:46:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-2-A	Lab Sample ID:	460-255692-2
Client ID:	SB-8 (8-8.5)		
Operator ID:		ALS Bottle#:	11 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

21 Acetone, CAS: 67-64-1



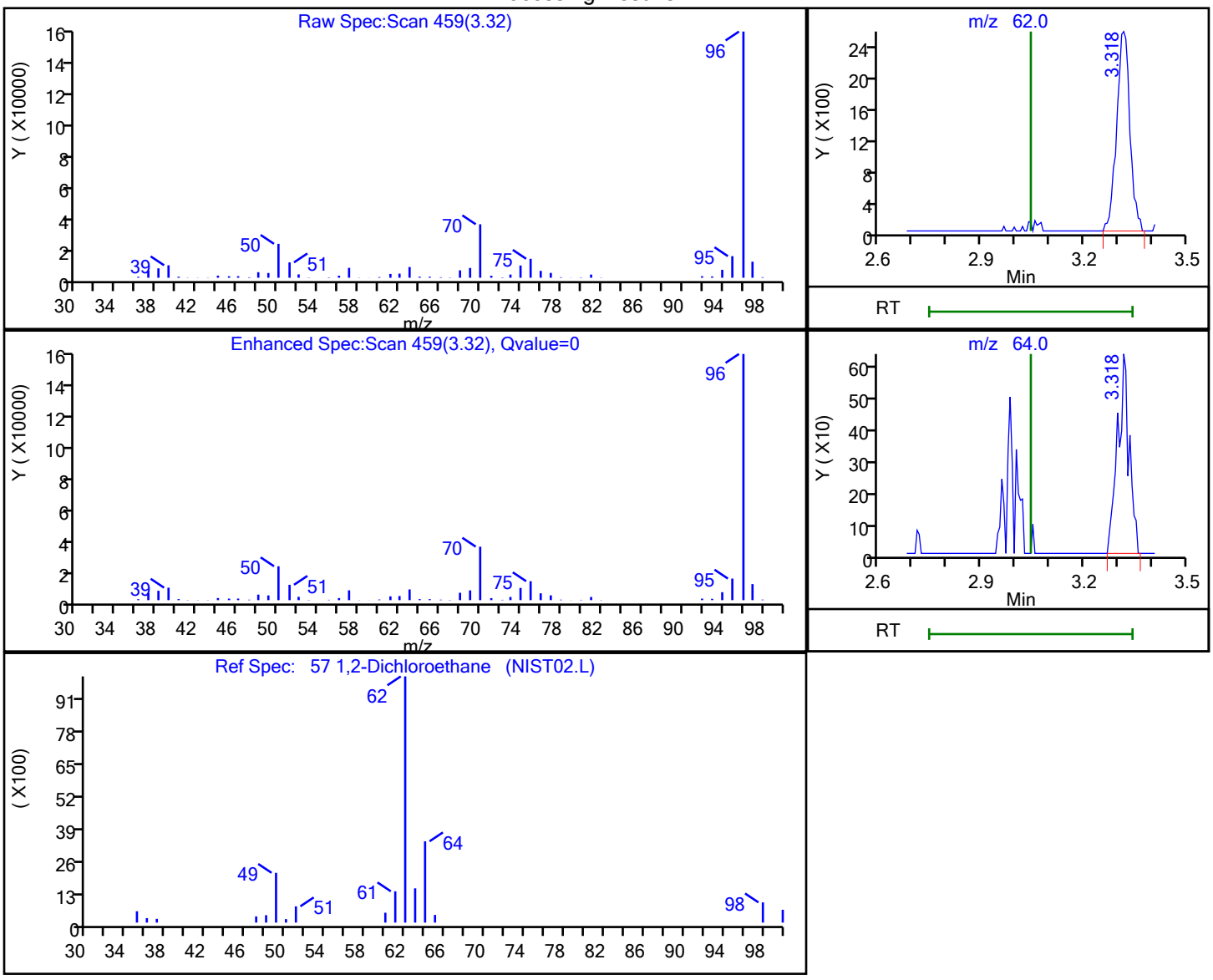
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85440.D				
Injection Date:	08-Apr-2022 19:46:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-2-A	Lab Sample ID:	460-255692-2		
Client ID:	SB-8 (8-8.5)				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

57 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
3.32	62.00	7015	2.532079
3.32	64.00	1492	

Reviewer: parekhv, 08-Apr-2022 20:11:24

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

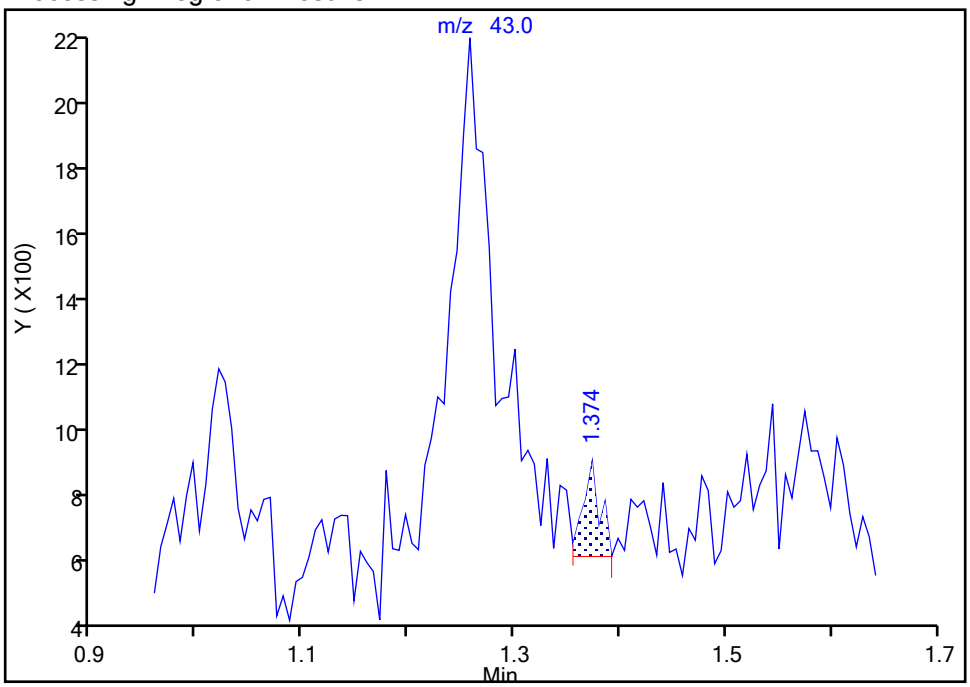
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85440.D		
Injection Date:	08-Apr-2022 19:46:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-2-A	Lab Sample ID:	460-255692-2
Client ID:	SB-8 (8-8.5)		
Operator ID:		ALS Bottle#:	11 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

21 Acetone, CAS: 67-64-1

Signal: 1

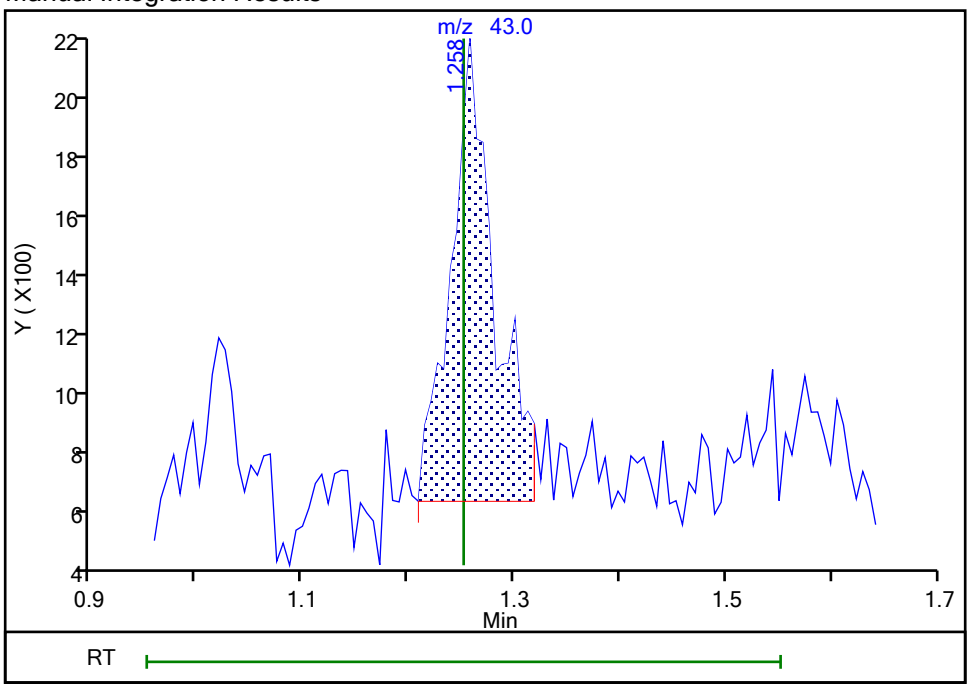
Processing Integration Results

RT: 1.37
Area: 309
Amount: 0.465657
Amount Units: ug/l



Manual Integration Results

RT: 1.26
Area: 4303
Amount: 6.484538
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:48:29
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-11 (4-4.5) | Lab Sample ID: 460-255692-3

Matrix: Solid | Lab File ID: B85441.D

Analysis Method: 8260D | Date Collected: 04/05/2022 09:40

Sample wt/vol: 3.80(g) | Date Analyzed: 04/08/2022 20:09

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 13.6 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00035	U	0.0015	0.00035
79-34-5	1,1,2,2-Tetrachloroethane	0.00033	U	0.0015	0.00033
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00046	U *+	0.0015	0.00046
79-00-5	1,1,2-Trichloroethane	0.00027	U	0.0015	0.00027
75-34-3	1,1-Dichloroethane	0.00031	U	0.0015	0.00031
75-35-4	1,1-Dichloroethene	0.00034	U *+	0.0015	0.00034
87-61-6	1,2,3-Trichlorobenzene	0.00028	U	0.0015	0.00028
120-82-1	1,2,4-Trichlorobenzene	0.00054	U	0.0015	0.00054
95-63-6	1,2,4-Trimethylbenzene	0.00037	U	0.0015	0.00037
96-12-8	1,2-Dibromo-3-Chloropropane	0.00070	U	0.0015	0.00070
95-50-1	1,2-Dichlorobenzene	0.00055	U	0.0015	0.00055
107-06-2	1,2-Dichloroethane	0.00045	U	0.0015	0.00045
78-87-5	1,2-Dichloropropane	0.00064	U	0.0015	0.00064
108-67-8	1,3,5-Trimethylbenzene	0.00048	U	0.0015	0.00048
541-73-1	1,3-Dichlorobenzene	0.00056	U	0.0015	0.00056
106-46-7	1,4-Dichlorobenzene	0.00034	U	0.0015	0.00034
78-93-3	2-Butanone (MEK)	0.00056	U	0.0076	0.00056
591-78-6	2-Hexanone	0.0026	U	0.0076	0.0026
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0024	U	0.0076	0.0024
67-64-1	Acetone	0.0088	J	0.0091	0.0087
71-43-2	Benzene	0.00039	U	0.0015	0.00039
75-25-2	Bromoform	0.00065	U	0.0015	0.00065
74-83-9	Bromomethane	0.0015	U	0.0030	0.0015
75-15-0	Carbon disulfide	0.00040	U	0.0015	0.00040
56-23-5	Carbon tetrachloride	0.00059	U	0.0015	0.00059
108-90-7	Chlorobenzene	0.00027	U	0.0015	0.00027
74-97-5	Chlorobromomethane	0.00043	U	0.0015	0.00043
124-48-1	Chlorodibromomethane	0.00030	U	0.0015	0.00030
75-00-3	Chloroethane	0.00079	U	0.0015	0.00079
67-66-3	Chloroform	0.0015	U	0.0015	0.0015
74-87-3	Chloromethane	0.00066	U	0.0015	0.00066
156-59-2	cis-1,2-Dichloroethene	0.00054	U	0.0015	0.00054
10061-01-5	cis-1,3-Dichloropropene	0.00042	U	0.0015	0.00042
110-82-7	Cyclohexane	0.00034	U	0.0015	0.00034
75-27-4	Dichlorobromomethane	0.00039	U	0.0015	0.00039

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-11 (4-4.5) | Lab Sample ID: 460-255692-3

Matrix: Solid | Lab File ID: B85441.D

Analysis Method: 8260D | Date Collected: 04/05/2022 09:40

Sample wt/vol: 3.80(g) | Date Analyzed: 04/08/2022 20:09

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 13.6 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.00051	U	0.0015	0.00051
100-41-4	Ethylbenzene	0.00030	U	0.0015	0.00030
106-93-4	Ethylene Dibromide	0.00027	U	0.0015	0.00027
98-82-8	Isopropylbenzene	0.00043	U	0.0015	0.00043
79-20-9	Methyl acetate	0.0065	U	0.0076	0.0065
1634-04-4	Methyl tert-butyl ether	0.00078	U	0.0015	0.00078
108-87-2	Methylcyclohexane	0.00076	U	0.0015	0.00076
75-09-2	Methylene Chloride	0.0017	U	0.0030	0.0017
179601-23-1	m-Xylene & p-Xylene	0.00026	U	0.0015	0.00026
104-51-8	n-Butylbenzene	0.00045	U	0.0015	0.00045
103-65-1	N-Propylbenzene	0.00027	U	0.0015	0.00027
95-47-6	o-Xylene	0.00030	U	0.0015	0.00030
135-98-8	sec-Butylbenzene	0.00044	U	0.0015	0.00044
100-42-5	Styrene	0.00042	U	0.0015	0.00042
98-06-6	tert-Butylbenzene	0.00042	U	0.0015	0.00042
127-18-4	Tetrachloroethene	0.00046	U	0.0015	0.00046
108-88-3	Toluene	0.00036	U	0.0015	0.00036
156-60-5	trans-1,2-Dichloroethene	0.00037	U	0.0015	0.00037
10061-02-6	trans-1,3-Dichloropropene	0.00040	U	0.0015	0.00040
79-01-6	Trichloroethene	0.00049	U	0.0015	0.00049
75-69-4	Trichlorofluoromethane	0.00062	U	0.0015	0.00062
75-01-4	Vinyl chloride	0.00083	U	0.0015	0.00083
1330-20-7	Xylenes, Total	0.00098	U	0.0030	0.00098

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		77-145
460-00-4	4-Bromofluorobenzene	96		70-139
1868-53-7	Dibromofluoromethane (Surr)	105		48-150
2037-26-5	Toluene-d8 (Surr)	101		80-120

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

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-11 (4-4.5) | Lab Sample ID: 460-255692-3

Matrix: Solid | Lab File ID: B85441.D

Analysis Method: 8260D | Date Collected: 04/05/2022 09:40

Sample wt/vol: 3.80(g) | Date Analyzed: 04/08/2022 20:09

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 13.6 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85441.D
Lims ID: 460-255692-B-3-A
Client ID: SB-11 (4-4.5)
Sample Type: Client
Inject. Date: 08-Apr-2022 20:09:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-3-A
Misc. Info.: 460-0143790-013
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:48:57 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: parekhv Date: 08-Apr-2022 20:38:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.246	1.252	-0.006	0	3624	5.75	
* 29 TBA-d9 (IS)	65	1.526	1.532	-0.006	0	286222	1000.0	
* 40 2-Butanone-d5	46	2.276	2.270	0.006	0	235119	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.691	2.697	-0.006	0	108914	52.6	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.971	2.971	0.000	0	123552	50.3	
* 60 Fluorobenzene	96	3.312	3.306	0.006	0	420805	50.0	
* 69 1,4-Dioxane-d8	96	4.123	4.111	0.012	0	8976	1000.0	s
$ 79 Toluene-d8 (Surr)	98	5.282	5.281	0.001	0	346224	50.3	
* 91 Chlorobenzene-d5	117	7.641	7.641	0.000	0	237305	50.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	0	78882	48.0	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	0	116827	50.0	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test

Reagents:

8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

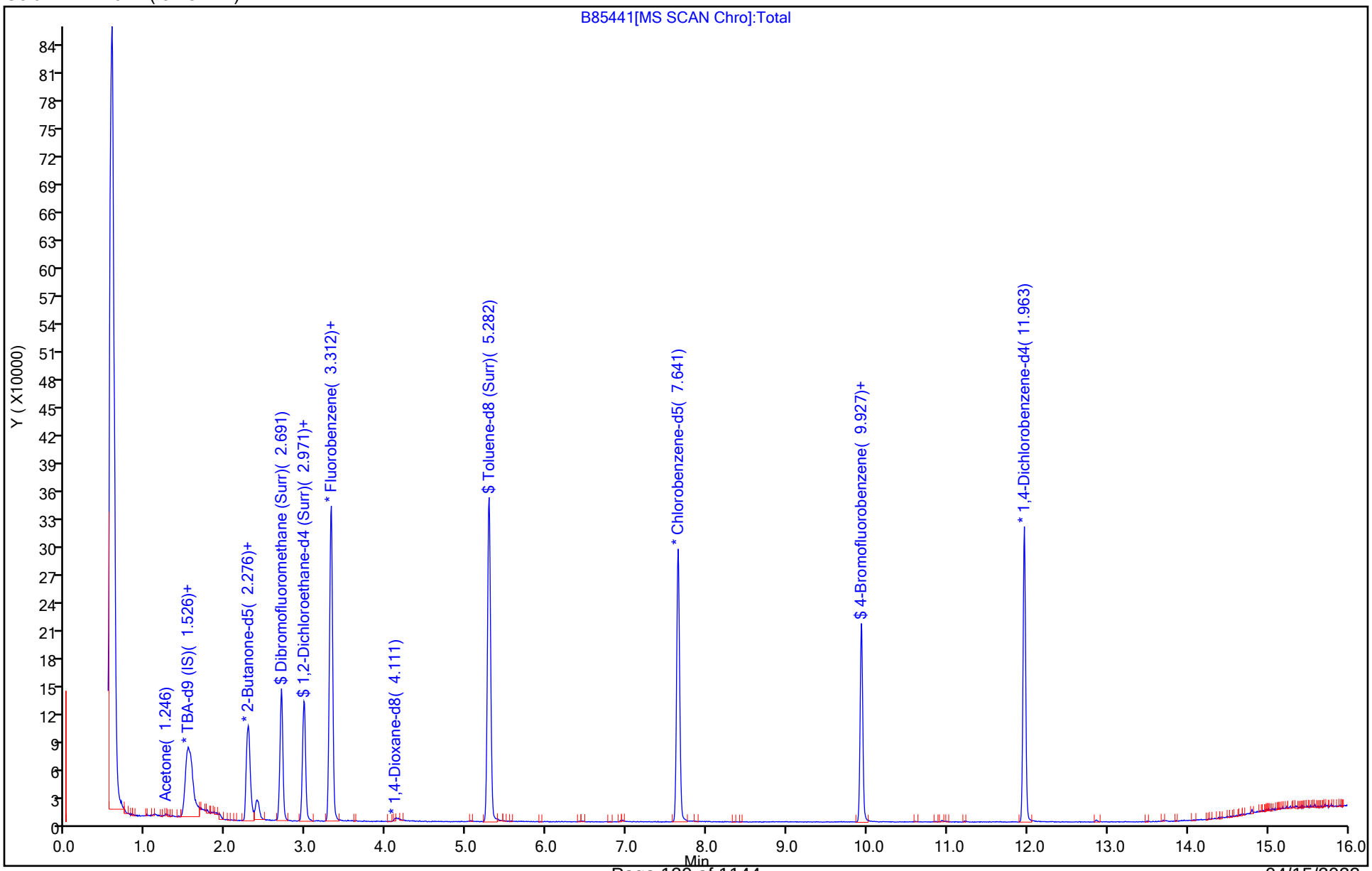
Report Date: 11-Apr-2022 10:49:12 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85441.D

Injection Date:	08-Apr-2022 20:09:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-255692-B-3-A	Lab Sample ID:	460-255692-3	Worklist Smp#:	13
Client ID:	SB-11 (4-4.5)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85441.D
Lims ID: 460-255692-B-3-A
Client ID: SB-11 (4-4.5)
Sample Type: Client
Inject. Date: 08-Apr-2022 20:09:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-3-A
Misc. Info.: 460-0143790-013
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:48:57 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: parekhv Date: 08-Apr-2022 20:38:43

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	52.6	105.11
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	50.3	100.64
$ 79 Toluene-d8 (Surr)	50.0	50.3	100.66
$ 103 4-Bromofluorobenzene	50.0	48.0	95.96

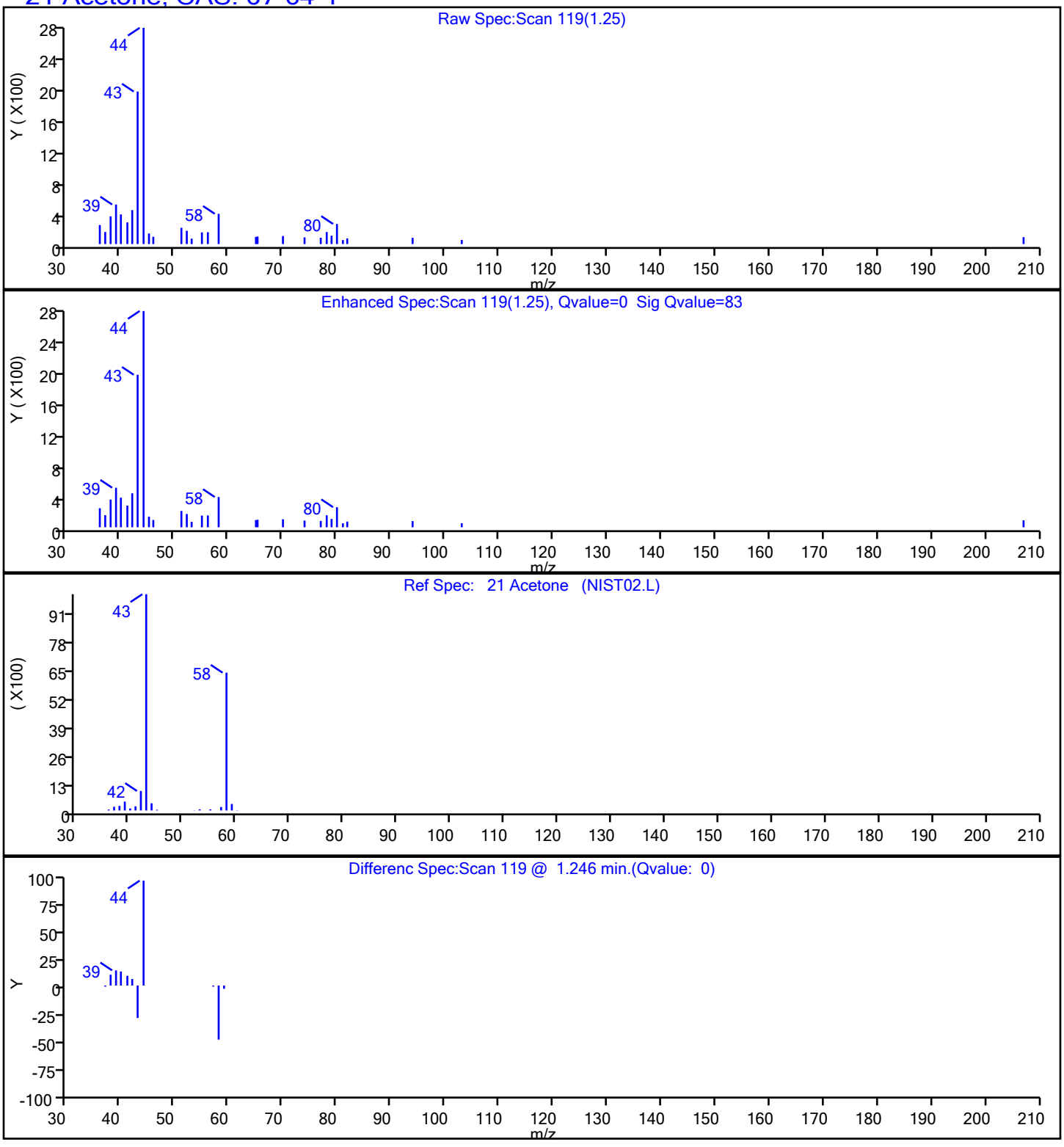
Report Date: 11-Apr-2022 10:49:12 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85441.D

Injection Date:	08-Apr-2022 20:09:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-3-A	Lab Sample ID:	460-255692-3
Client ID:	SB-11 (4-4.5)		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

21 Acetone, CAS: 67-64-1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-11 (9.5-10) | Lab Sample ID: 460-255692-4

Matrix: Solid | Lab File ID: B85442.D

Analysis Method: 8260D | Date Collected: 04/05/2022 09:45

Sample wt/vol: 4.03(g) | Date Analyzed: 04/08/2022 20:31

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 1.8 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00029	U	0.0013	0.00029
79-34-5	1,1,2,2-Tetrachloroethane	0.00027	U	0.0013	0.00027
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00038	U *+	0.0013	0.00038
79-00-5	1,1,2-Trichloroethane	0.00022	U	0.0013	0.00022
75-34-3	1,1-Dichloroethane	0.00026	U	0.0013	0.00026
75-35-4	1,1-Dichloroethene	0.00028	U *+	0.0013	0.00028
87-61-6	1,2,3-Trichlorobenzene	0.00023	U	0.0013	0.00023
120-82-1	1,2,4-Trichlorobenzene	0.00045	U	0.0013	0.00045
95-63-6	1,2,4-Trimethylbenzene	0.00031	U	0.0013	0.00031
96-12-8	1,2-Dibromo-3-Chloropropane	0.00058	U	0.0013	0.00058
95-50-1	1,2-Dichlorobenzene	0.00046	U	0.0013	0.00046
107-06-2	1,2-Dichloroethane	0.00037	U	0.0013	0.00037
78-87-5	1,2-Dichloropropane	0.00053	U	0.0013	0.00053
108-67-8	1,3,5-Trimethylbenzene	0.00040	U	0.0013	0.00040
541-73-1	1,3-Dichlorobenzene	0.00046	U	0.0013	0.00046
106-46-7	1,4-Dichlorobenzene	0.00028	U	0.0013	0.00028
78-93-3	2-Butanone (MEK)	0.00047	U	0.0063	0.00047
591-78-6	2-Hexanone	0.0022	U	0.0063	0.0022
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0020	U	0.0063	0.0020
67-64-1	Acetone	0.018		0.0076	0.0072
71-43-2	Benzene	0.00033	U	0.0013	0.00033
75-25-2	Bromoform	0.00054	U	0.0013	0.00054
74-83-9	Bromomethane	0.0013	U	0.0025	0.0013
75-15-0	Carbon disulfide	0.00034	U	0.0013	0.00034
56-23-5	Carbon tetrachloride	0.00049	U	0.0013	0.00049
108-90-7	Chlorobenzene	0.00022	U	0.0013	0.00022
74-97-5	Chlorobromomethane	0.00036	U	0.0013	0.00036
124-48-1	Chlorodibromomethane	0.00025	U	0.0013	0.00025
75-00-3	Chloroethane	0.00066	U	0.0013	0.00066
67-66-3	Chloroform	0.0012	U	0.0013	0.0012
74-87-3	Chloromethane	0.00055	U	0.0013	0.00055
156-59-2	cis-1,2-Dichloroethene	0.00045	U	0.0013	0.00045
10061-01-5	cis-1,3-Dichloropropene	0.00035	U	0.0013	0.00035
110-82-7	Cyclohexane	0.00028	U	0.0013	0.00028
75-27-4	Dichlorobromomethane	0.00032	U	0.0013	0.00032

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-11 (9.5-10) | Lab Sample ID: 460-255692-4

Matrix: Solid | Lab File ID: B85442.D

Analysis Method: 8260D | Date Collected: 04/05/2022 09:45

Sample wt/vol: 4.03(g) | Date Analyzed: 04/08/2022 20:31

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 1.8 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.00043	U	0.0013	0.00043
100-41-4	Ethylbenzene	0.00025	U	0.0013	0.00025
106-93-4	Ethylene Dibromide	0.00023	U	0.0013	0.00023
98-82-8	Isopropylbenzene	0.00036	U	0.0013	0.00036
79-20-9	Methyl acetate	0.0054	U	0.0063	0.0054
1634-04-4	Methyl tert-butyl ether	0.00065	U	0.0013	0.00065
108-87-2	Methylcyclohexane	0.00063	U	0.0013	0.00063
75-09-2	Methylene Chloride	0.0014	U	0.0025	0.0014
179601-23-1	m-Xylene & p-Xylene	0.00022	U	0.0013	0.00022
104-51-8	n-Butylbenzene	0.00037	U	0.0013	0.00037
103-65-1	N-Propylbenzene	0.00022	U	0.0013	0.00022
95-47-6	o-Xylene	0.00025	U	0.0013	0.00025
135-98-8	sec-Butylbenzene	0.00036	U	0.0013	0.00036
100-42-5	Styrene	0.00035	U	0.0013	0.00035
98-06-6	tert-Butylbenzene	0.00035	U	0.0013	0.00035
127-18-4	Tetrachloroethene	0.00039	U	0.0013	0.00039
108-88-3	Toluene	0.00030	U	0.0013	0.00030
156-60-5	trans-1,2-Dichloroethene	0.00031	U	0.0013	0.00031
10061-02-6	trans-1,3-Dichloropropene	0.00034	U	0.0013	0.00034
79-01-6	Trichloroethene	0.00041	U	0.0013	0.00041
75-69-4	Trichlorofluoromethane	0.00051	U	0.0013	0.00051
75-01-4	Vinyl chloride	0.00069	U	0.0013	0.00069
1330-20-7	Xylenes, Total	0.00081	U	0.0025	0.00081

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		77-145
460-00-4	4-Bromofluorobenzene	94		70-139
1868-53-7	Dibromofluoromethane (Surr)	105		48-150
2037-26-5	Toluene-d8 (Surr)	98		80-120

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

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-11 (9.5-10) | Lab Sample ID: 460-255692-4

Matrix: Solid | Lab File ID: B85442.D

Analysis Method: 8260D | Date Collected: 04/05/2022 09:45

Sample wt/vol: 4.03(g) | Date Analyzed: 04/08/2022 20:31

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 1.8 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85442.D
Lims ID: 460-255692-B-4-A
Client ID: SB-11 (9.5-10)
Sample Type: Client
Inject. Date: 08-Apr-2022 20:31:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-4-A
Misc. Info.: 460-0143790-014
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:49:47 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:02:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.264	1.252	0.012	85	9969	14.6	
* 29 TBA-d9 (IS)	65	1.563	1.532	0.031	0	306213	1000.0	
* 40 2-Butanone-d5	46	2.288	2.270	0.018	0	254402	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.697	-0.001	95	114804	52.4	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.983	2.971	0.012	0	131568	50.6	
* 60 Fluorobenzene	96	3.324	3.306	0.018	98	445191	50.0	
* 69 1,4-Dioxane-d8	96	4.129	4.111	0.018	0	9847	1000.0	sM
$ 79 Toluene-d8 (Surr)	98	5.287	5.281	0.006	98	357848	49.0	
* 91 Chlorobenzene-d5	117	7.647	7.641	0.006	90	251974	50.0	
$ 103 4-Bromofluorobenzene	174	9.927	9.927	0.000	89	81882	47.0	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	97	123834	50.0	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00227 Amount Added: 1.00 Units: uL Run Reagent

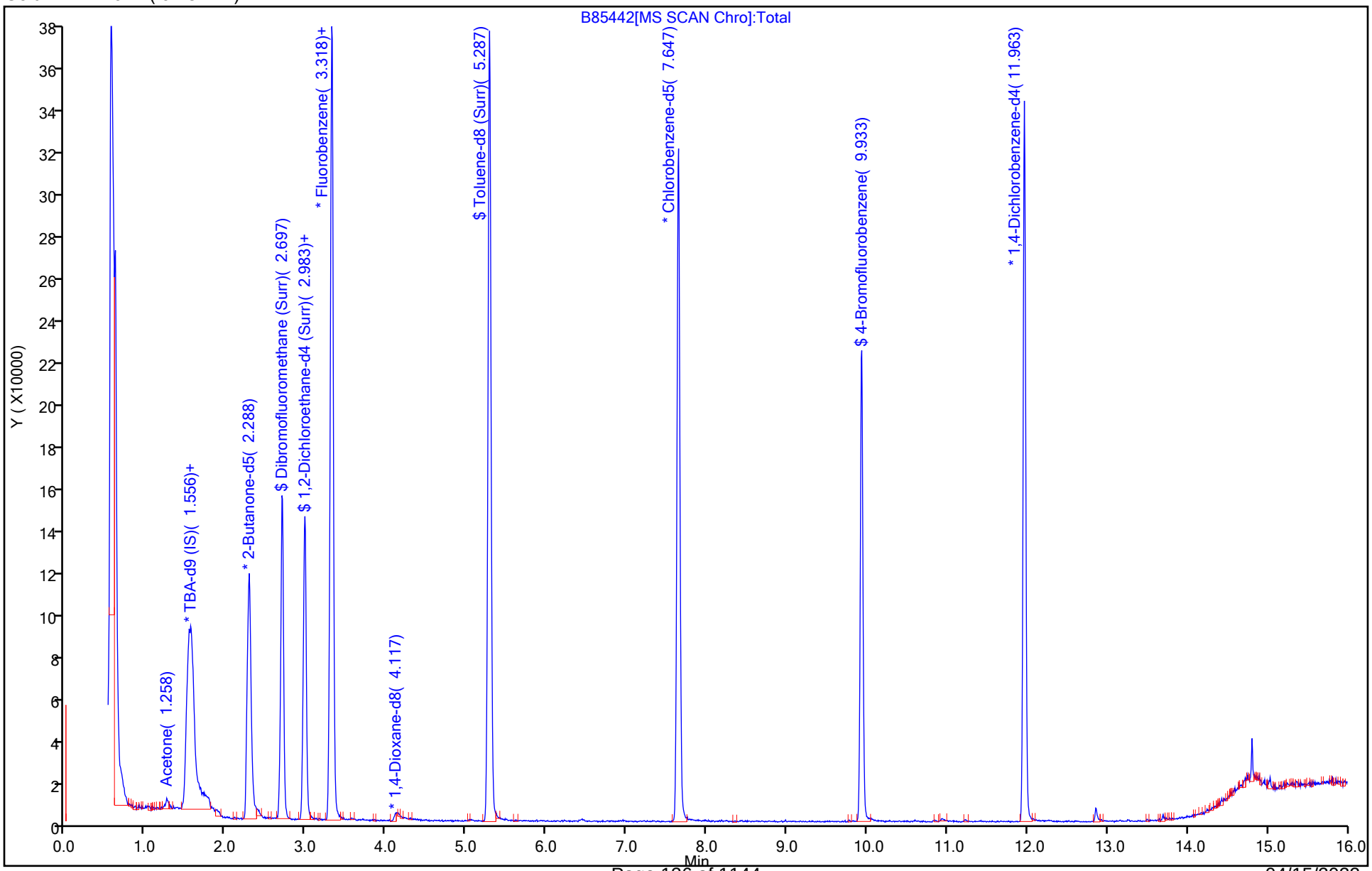
Report Date: 11-Apr-2022 10:49:47 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85442.D

Injection Date:	08-Apr-2022 20:31:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-255692-B-4-A	Lab Sample ID:	460-255692-4	Worklist Smp#:	14
Client ID:	SB-11 (9.5-10)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85442.D
Lims ID: 460-255692-B-4-A
Client ID: SB-11 (9.5-10)
Sample Type: Client
Inject. Date: 08-Apr-2022 20:31:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-4-A
Misc. Info.: 460-0143790-014
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:49:47 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

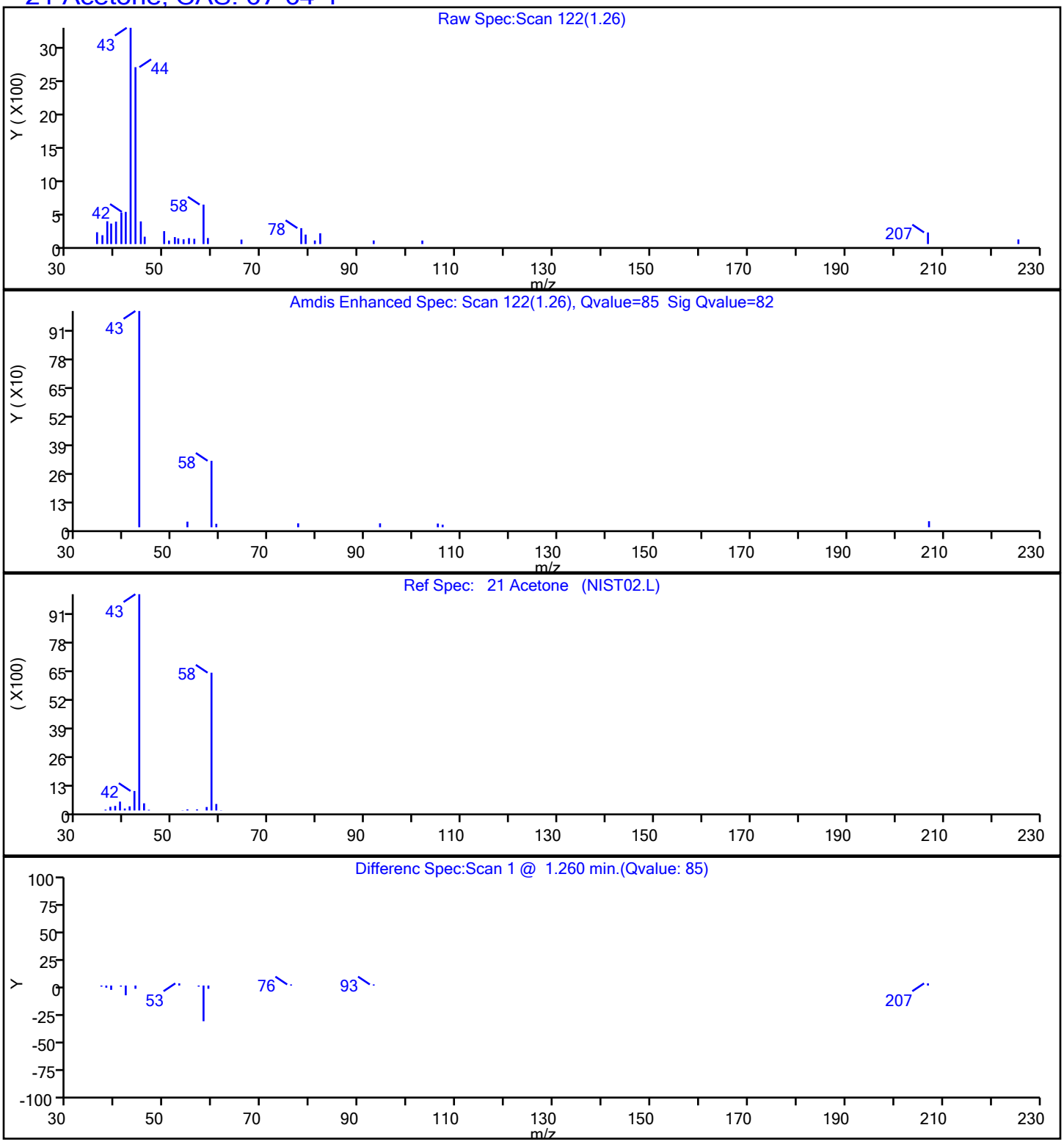
First Level Reviewer: tupayachia Date: 09-Apr-2022 07:02:30

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	52.4	104.72
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	50.6	101.30
$ 79 Toluene-d8 (Surr)	50.0	49.0	97.98
$ 103 4-Bromofluorobenzene	50.0	47.0	93.98

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85442.D
Injection Date: 08-Apr-2022 20:31:30 Instrument ID: CVOAMS2
Lims ID: 460-255692-B-4-A Lab Sample ID: 460-255692-4
Client ID: SB-11 (9.5-10)
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

21 Acetone, CAS: 67-64-1



Manual Integration/User Assign Peak Report

Eurofins Edison

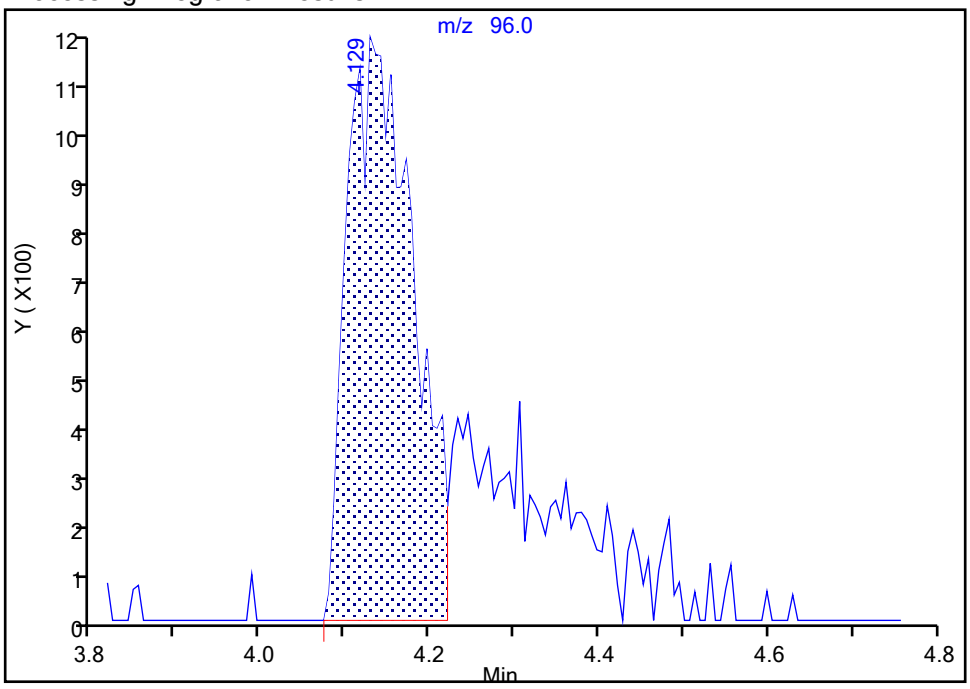
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85442.D				
Injection Date:	08-Apr-2022 20:31:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-4-A	Lab Sample ID:	460-255692-4		
Client ID:	SB-11 (9.5-10)				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

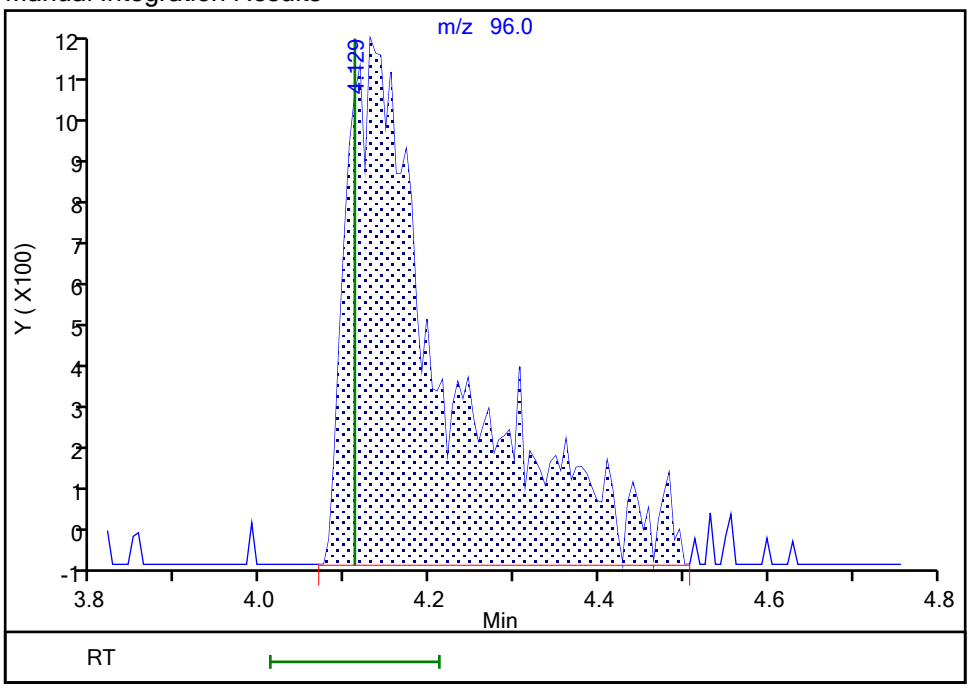
Processing Integration Results

RT: 4.13
Area: 6330
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.13
Area: 9847
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:49:31

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-14 (4-5) | Lab Sample ID: 460-255692-5

Matrix: Solid | Lab File ID: B85443.D

Analysis Method: 8260D | Date Collected: 04/05/2022 10:00

Sample wt/vol: 5.24(g) | Date Analyzed: 04/08/2022 20:53

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 8.3 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00024	U	0.0010	0.00024
79-34-5	1,1,2,2-Tetrachloroethane	0.00022	U	0.0010	0.00022
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00031	U *+	0.0010	0.00031
79-00-5	1,1,2-Trichloroethane	0.00019	U	0.0010	0.00019
75-34-3	1,1-Dichloroethane	0.00021	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.00023	U *+	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.00019	U	0.0010	0.00019
120-82-1	1,2,4-Trichlorobenzene	0.00037	U	0.0010	0.00037
95-63-6	1,2,4-Trimethylbenzene	0.00026	U	0.0010	0.00026
96-12-8	1,2-Dibromo-3-Chloropropane	0.00048	U	0.0010	0.00048
95-50-1	1,2-Dichlorobenzene	0.00038	U	0.0010	0.00038
107-06-2	1,2-Dichloroethane	0.00031	U	0.0010	0.00031
78-87-5	1,2-Dichloropropane	0.00044	U	0.0010	0.00044
108-67-8	1,3,5-Trimethylbenzene	0.00033	U	0.0010	0.00033
541-73-1	1,3-Dichlorobenzene	0.00038	U	0.0010	0.00038
106-46-7	1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.00038	U	0.0052	0.00038
591-78-6	2-Hexanone	0.0018	U	0.0052	0.0018
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0052	0.0016
67-64-1	Acetone	0.019		0.0062	0.0060
71-43-2	Benzene	0.00027	U	0.0010	0.00027
75-25-2	Bromoform	0.00044	U	0.0010	0.00044
74-83-9	Bromomethane	0.0010	U	0.0021	0.0010
75-15-0	Carbon disulfide	0.00028	U	0.0010	0.00028
56-23-5	Carbon tetrachloride	0.00040	U	0.0010	0.00040
108-90-7	Chlorobenzene	0.00018	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.00029	U	0.0010	0.00029
124-48-1	Chlorodibromomethane	0.00020	U	0.0010	0.00020
75-00-3	Chloroethane	0.00054	U	0.0010	0.00054
67-66-3	Chloroform	0.0010	U	0.0010	0.0010
74-87-3	Chloromethane	0.00045	U	0.0010	0.00045
156-59-2	cis-1,2-Dichloroethene	0.00037	U	0.0010	0.00037
10061-01-5	cis-1,3-Dichloropropene	0.00028	U	0.0010	0.00028
110-82-7	Cyclohexane	0.00023	U	0.0010	0.00023
75-27-4	Dichlorobromomethane	0.00027	U	0.0010	0.00027

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-14 (4-5) | Lab Sample ID: 460-255692-5

Matrix: Solid | Lab File ID: B85443.D

Analysis Method: 8260D | Date Collected: 04/05/2022 10:00

Sample wt/vol: 5.24(g) | Date Analyzed: 04/08/2022 20:53

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 8.3 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.00035	U	0.0010	0.00035
100-41-4	Ethylbenzene	0.00021	U	0.0010	0.00021
106-93-4	Ethylene Dibromide	0.00019	U	0.0010	0.00019
98-82-8	Isopropylbenzene	0.00030	U	0.0010	0.00030
79-20-9	Methyl acetate	0.0045	U	0.0052	0.0045
1634-04-4	Methyl tert-butyl ether	0.00053	U	0.0010	0.00053
108-87-2	Methylcyclohexane	0.00052	U	0.0010	0.00052
75-09-2	Methylene Chloride	0.0012	U	0.0021	0.0012
179601-23-1	m-Xylene & p-Xylene	0.00027	J	0.0010	0.00018
104-51-8	n-Butylbenzene	0.00031	U	0.0010	0.00031
103-65-1	N-Propylbenzene	0.00018	U	0.0010	0.00018
95-47-6	o-Xylene	0.00021	J	0.0010	0.00020
135-98-8	sec-Butylbenzene	0.00030	U	0.0010	0.00030
100-42-5	Styrene	0.00029	U	0.0010	0.00029
98-06-6	tert-Butylbenzene	0.00029	U	0.0010	0.00029
127-18-4	Tetrachloroethene	0.0016		0.0010	0.00032
108-88-3	Toluene	0.00039	J	0.0010	0.00024
156-60-5	trans-1,2-Dichloroethene	0.00026	U	0.0010	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.00028	U	0.0010	0.00028
79-01-6	Trichloroethene	0.00033	U	0.0010	0.00033
75-69-4	Trichlorofluoromethane	0.00042	U	0.0010	0.00042
75-01-4	Vinyl chloride	0.00057	U	0.0010	0.00057
1330-20-7	Xylenes, Total	0.00067	U	0.0021	0.00067

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-145
460-00-4	4-Bromofluorobenzene	95		70-139
1868-53-7	Dibromofluoromethane (Surr)	105		48-150
2037-26-5	Toluene-d8 (Surr)	98		80-120

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

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-14 (4-5) | Lab Sample ID: 460-255692-5

Matrix: Solid | Lab File ID: B85443.D

Analysis Method: 8260D | Date Collected: 04/05/2022 10:00

Sample wt/vol: 5.24(g) | Date Analyzed: 04/08/2022 20:53

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 8.3 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85443.D
Lims ID: 460-255692-B-5-A
Client ID: SB-14 (4-5)
Sample Type: Client
Inject. Date: 08-Apr-2022 20:53:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-5-A
Misc. Info.: 460-0143790-015
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:50:53 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:03:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.264	1.252	0.012	86	12826	18.1	
28 Methylene Chloride	84	1.477	1.471	0.006	91	2235	0.8977	
* 29 TBA-d9 (IS)	65	1.538	1.532	0.006	0	321621	1000.0	
* 40 2-Butanone-d5	46	2.282	2.270	0.012	0	264505	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.697	0.000	95	112193	52.7	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.983	2.971	0.012	0	131388	52.1	
* 60 Fluorobenzene	96	3.319	3.306	0.012	97	432528	50.0	
63 Trichloroethene	95	3.721	3.703	0.019	1	383	0.1915	a
* 69 1,4-Dioxane-d8	96	4.135	4.111	0.024	0	10220	1000.0	M
$ 79 Toluene-d8 (Surr)	98	5.288	5.281	0.007	98	353691	48.8	
80 Toluene	91	5.379	5.373	0.006	52	2823	0.3788	M
85 Tetrachloroethene	166	6.208	6.208	0.000	90	2401	1.49	
* 91 Chlorobenzene-d5	117	7.641	7.641	0.000	89	250057	50.0	
95 m-Xylene & p-Xylene	106	8.244	8.238	0.006	91	693	0.2571	M
96 o-Xylene	106	8.994	8.970	0.024	8	548	0.2024	a
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	89	81841	47.3	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	97	123076	50.0	
S 135 Xylenes, Total	100				0		0.4595	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00227 Amount Added: 1.00 Units: uL Run Reagent

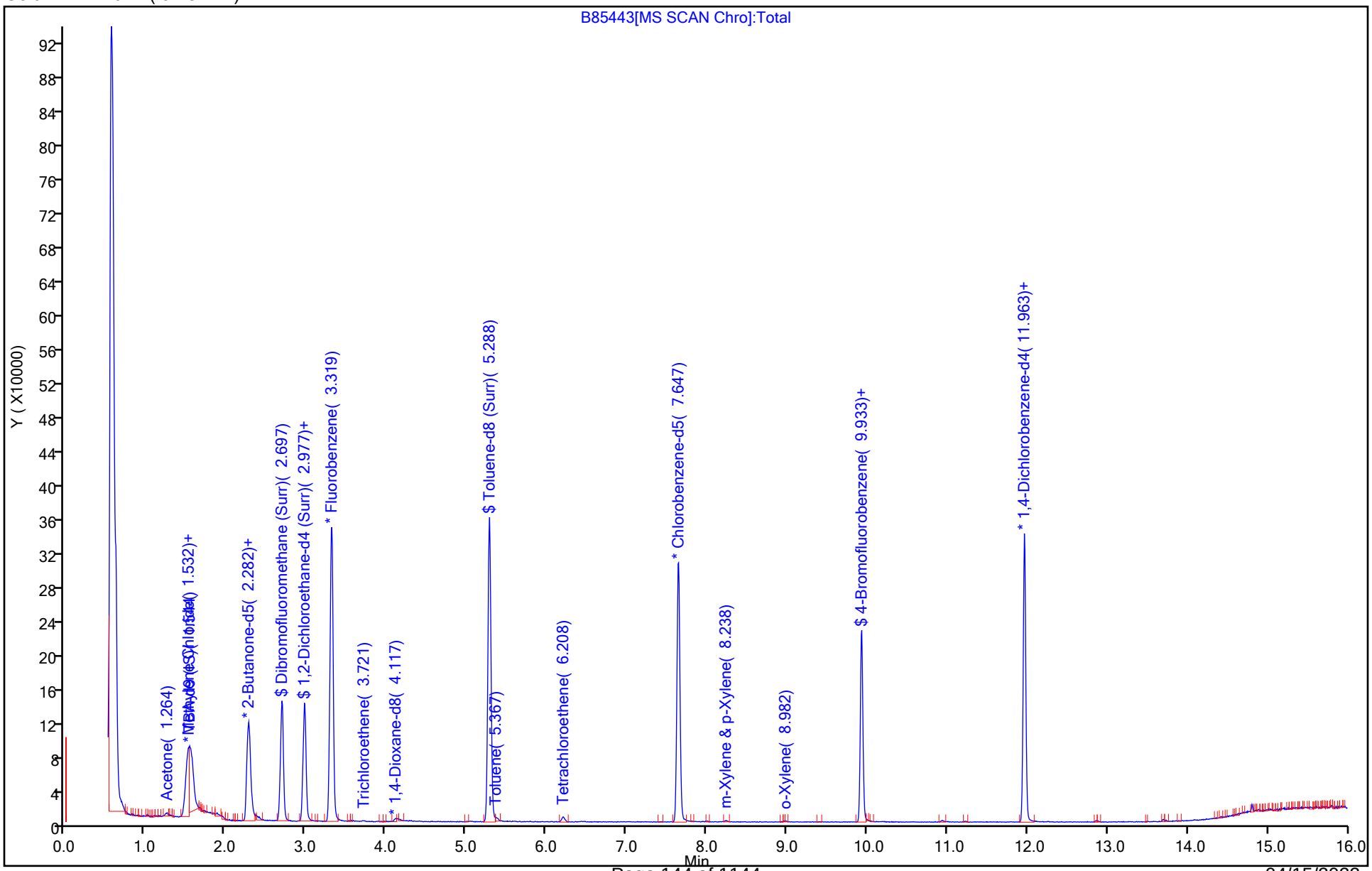
Report Date: 11-Apr-2022 10:50:54 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85443.D

Injection Date:	08-Apr-2022 20:53:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-255692-B-5-A	Lab Sample ID:	460-255692-5	Worklist Smp#:	15
Client ID:	SB-14 (4-5)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85443.D
Lims ID: 460-255692-B-5-A
Client ID: SB-14 (4-5)
Sample Type: Client
Inject. Date: 08-Apr-2022 20:53:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-5-A
Misc. Info.: 460-0143790-015
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:50:53 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

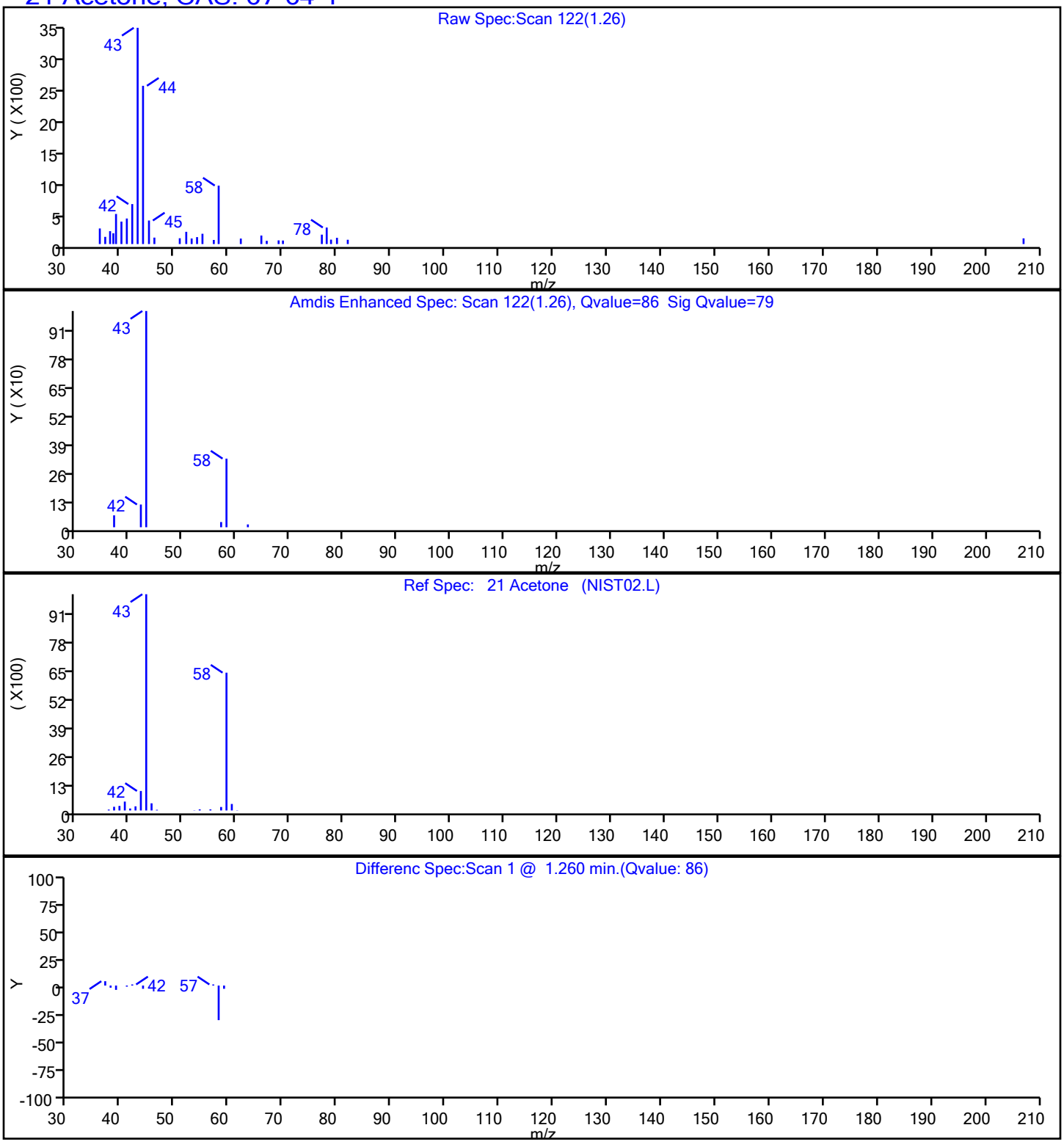
First Level Reviewer: tupayachia Date: 09-Apr-2022 07:03:14

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	52.7	105.34
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	52.1	104.12
$ 79 Toluene-d8 (Surr)	50.0	48.8	97.59
$ 103 4-Bromofluorobenzene	50.0	47.3	94.51

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85443.D
Injection Date: 08-Apr-2022 20:53:30 Instrument ID: CVOAMS2
Lims ID: 460-255692-B-5-A Lab Sample ID: 460-255692-5
Client ID: SB-14 (4-5)
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

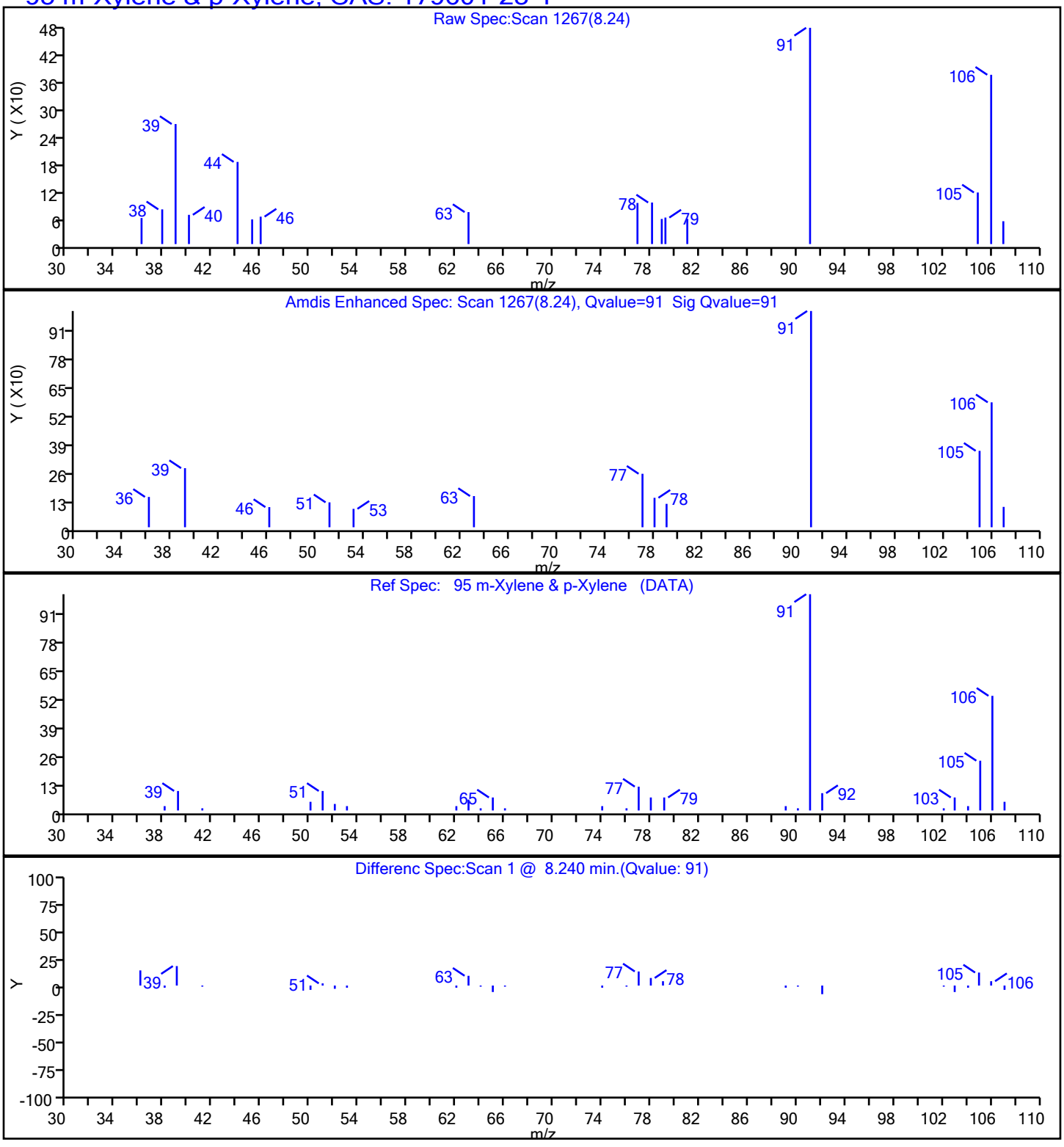
21 Acetone, CAS: 67-64-1



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85443.D		
Injection Date:	08-Apr-2022 20:53:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-5-A	Lab Sample ID:	460-255692-5
Client ID:	SB-14 (4-5)		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

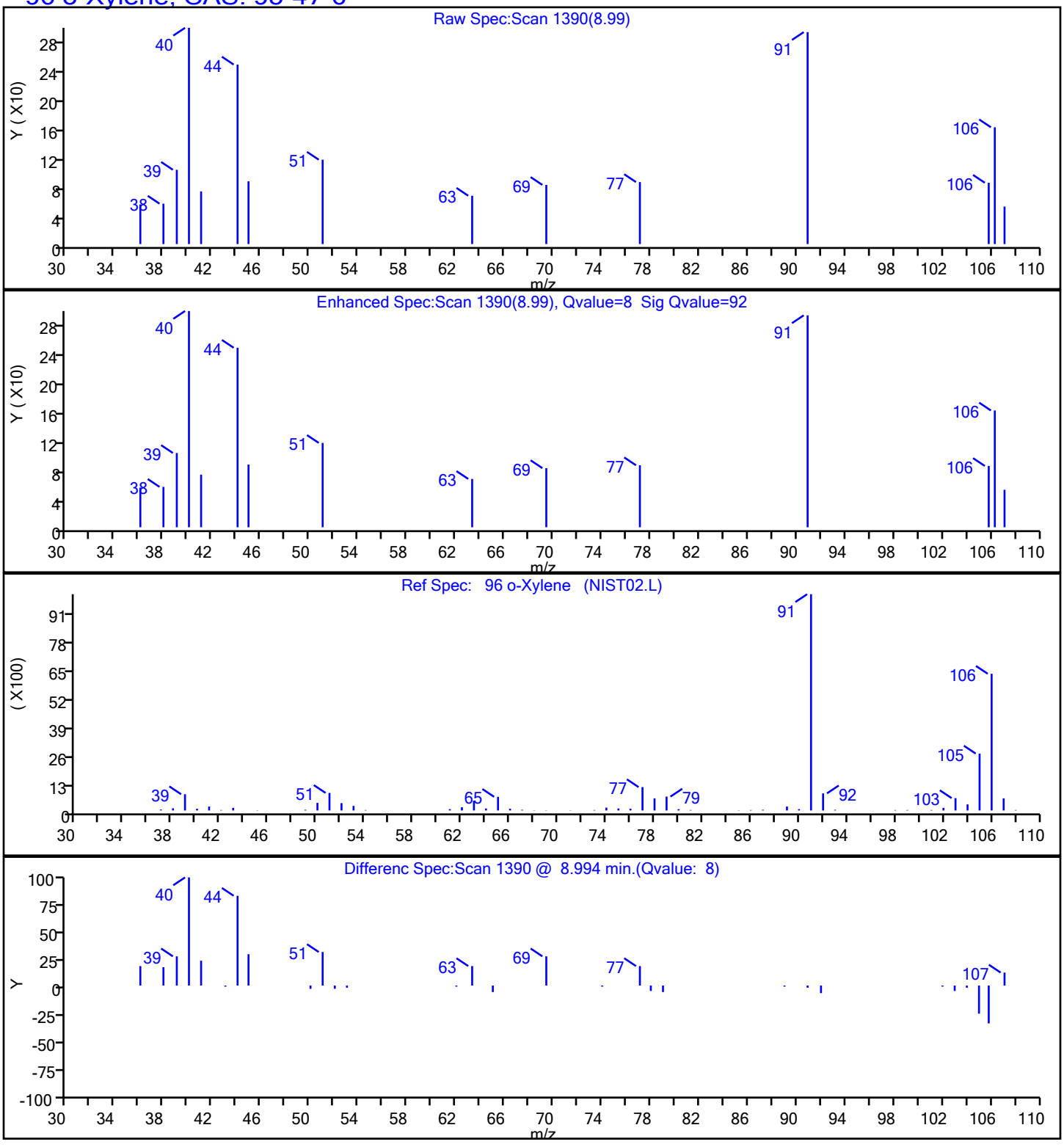
95 m-Xylene & p-Xylene, CAS: 179601-23-1



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85443.D
Injection Date: 08-Apr-2022 20:53:30 Instrument ID: CVOAMS2
Lims ID: 460-255692-B-5-A Lab Sample ID: 460-255692-5
Client ID: SB-14 (4-5)
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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



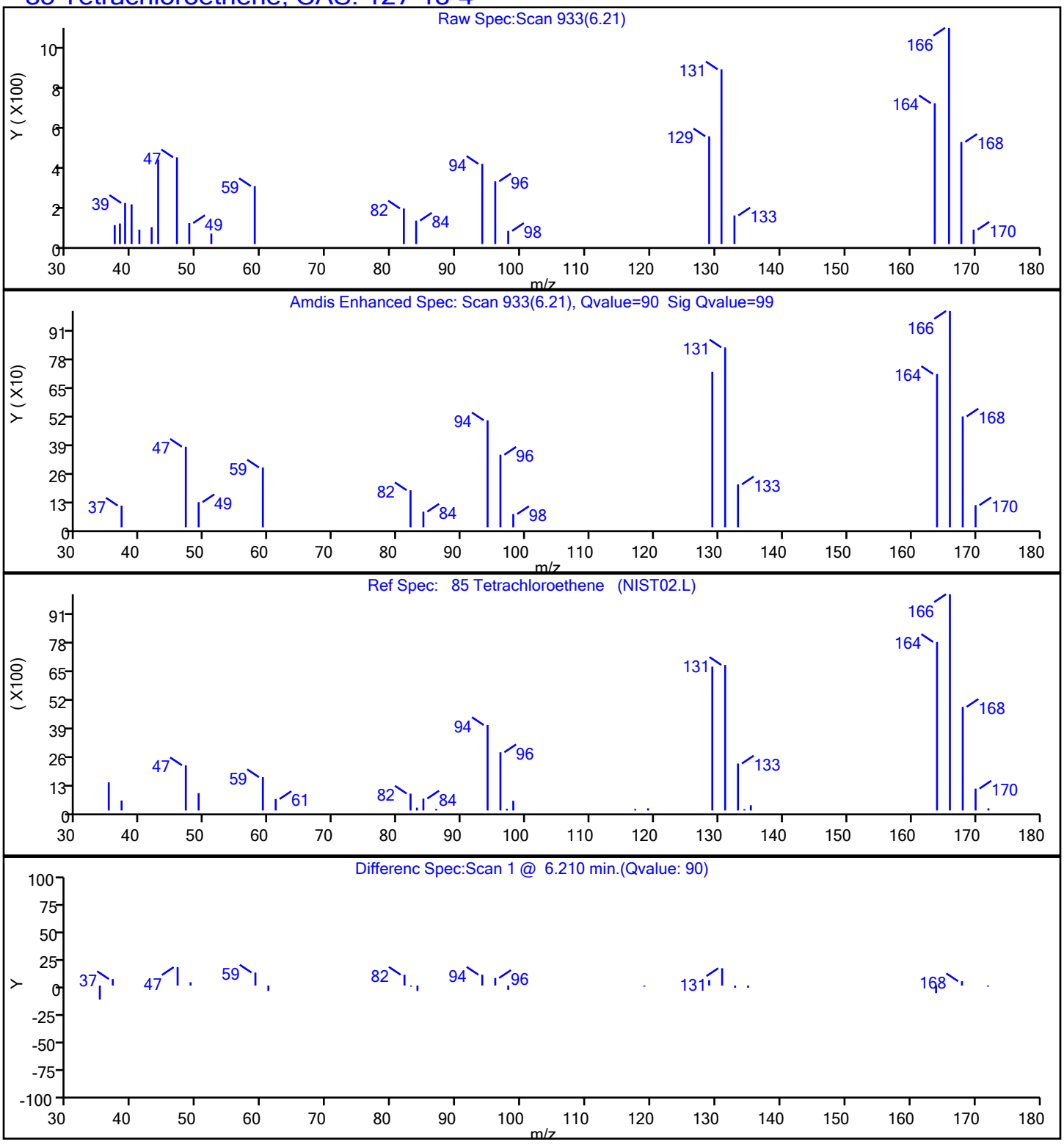
Report Date: 11-Apr-2022 10:50:54 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85443.D

Injection Date:	08-Apr-2022 20:53:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-5-A	Lab Sample ID:	460-255692-5
Client ID:	SB-14 (4-5)		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

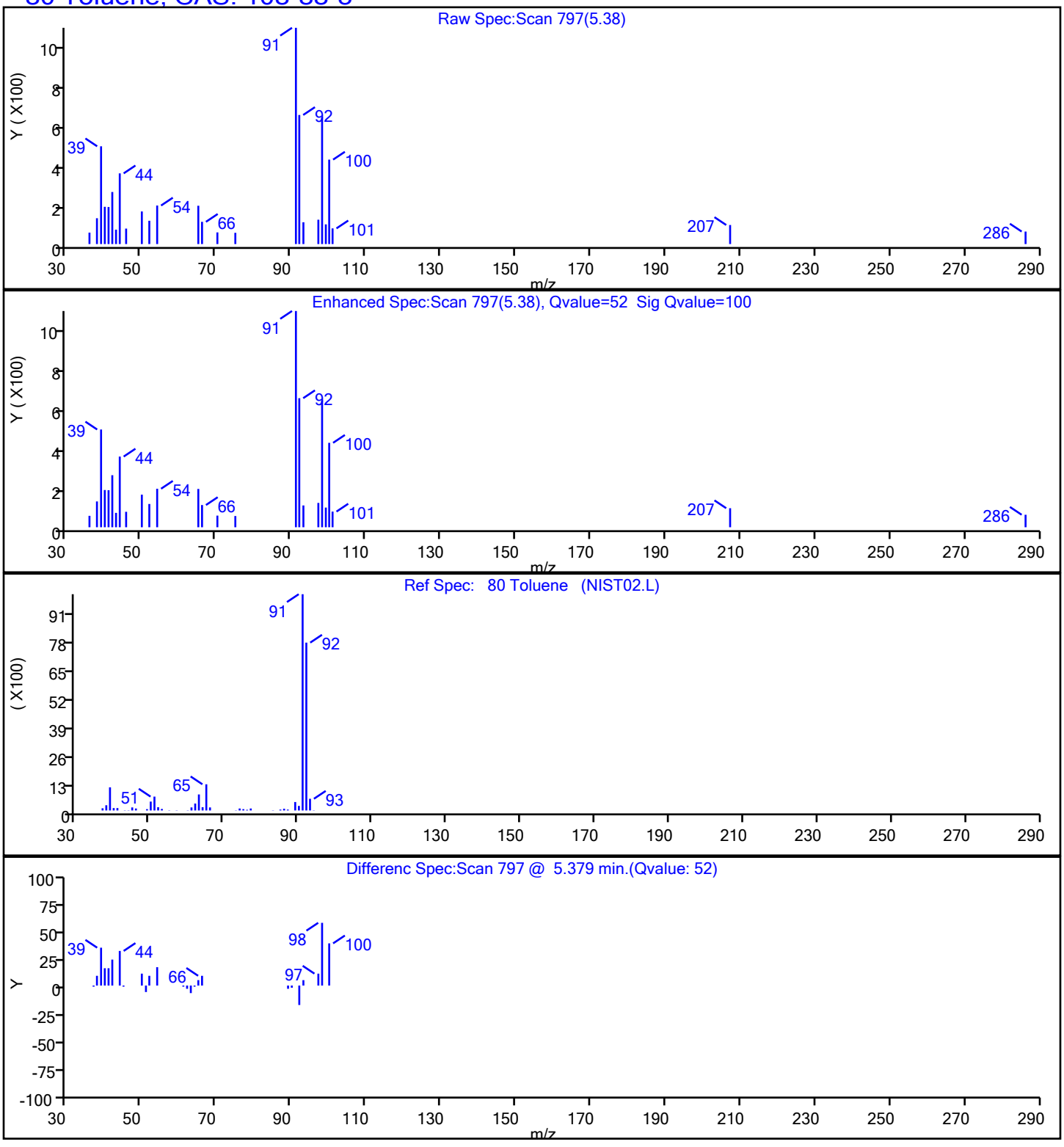
85 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85443.D
Injection Date: 08-Apr-2022 20:53:30 Instrument ID: CVOAMS2
Lims ID: 460-255692-B-5-A Lab Sample ID: 460-255692-5
Client ID: SB-14 (4-5)
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

80 Toluene, CAS: 108-88-3



Manual Integration/User Assign Peak Report

Eurofins Edison

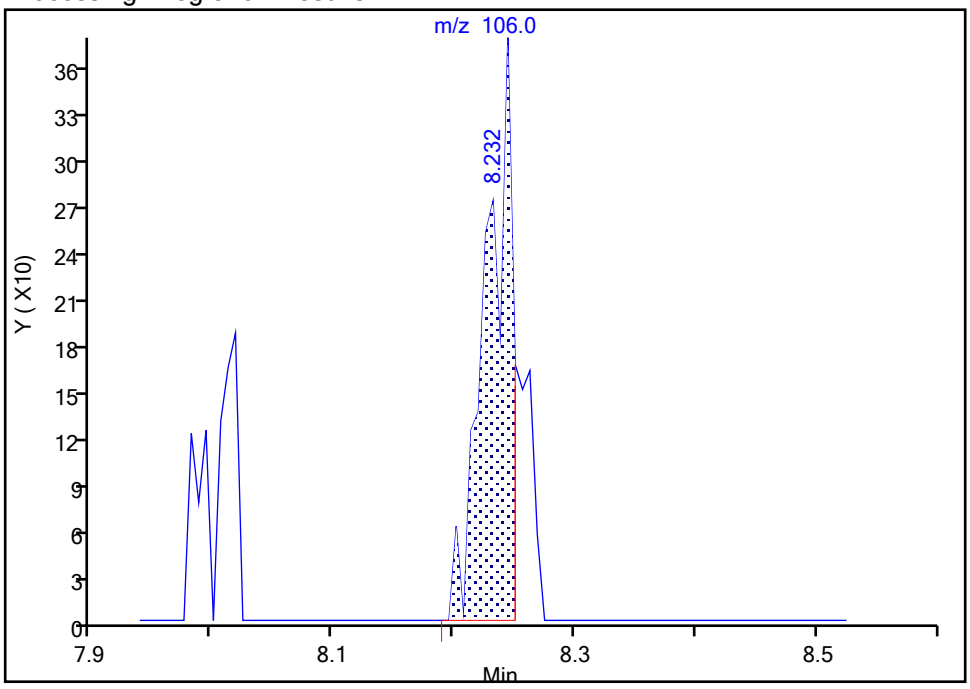
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85443.D				
Injection Date:	08-Apr-2022 20:53:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-5-A	Lab Sample ID:	460-255692-5		
Client ID:	SB-14 (4-5)				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

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

Signal: 1

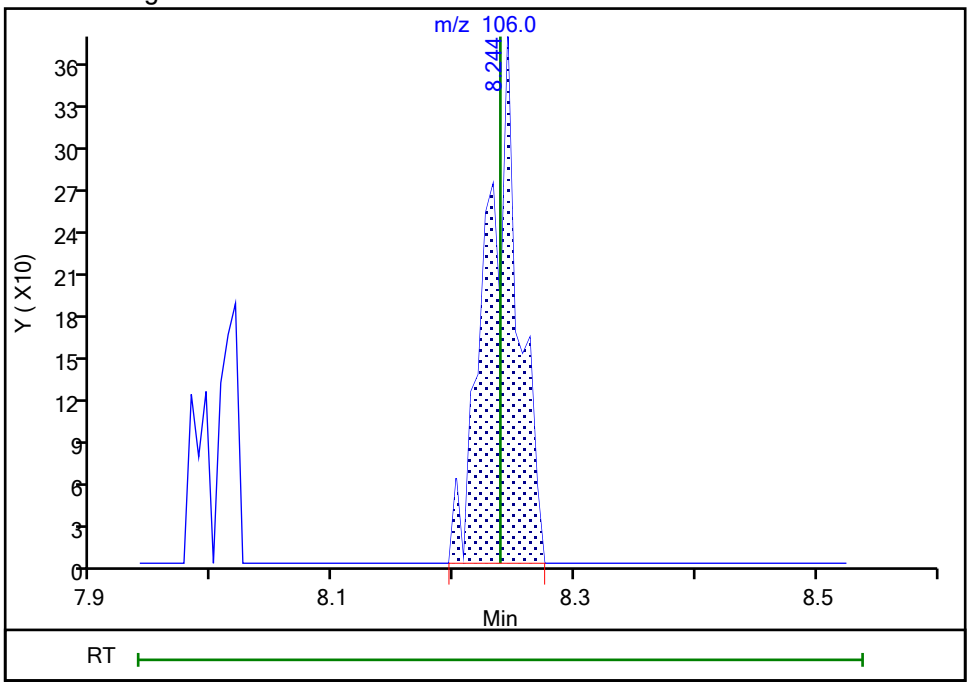
Processing Integration Results

RT: 8.23
Area: 561
Amount: 0.208107
Amount Units: ug/l



Manual Integration Results

RT: 8.24
Area: 693
Amount: 0.257073
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:50:44

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

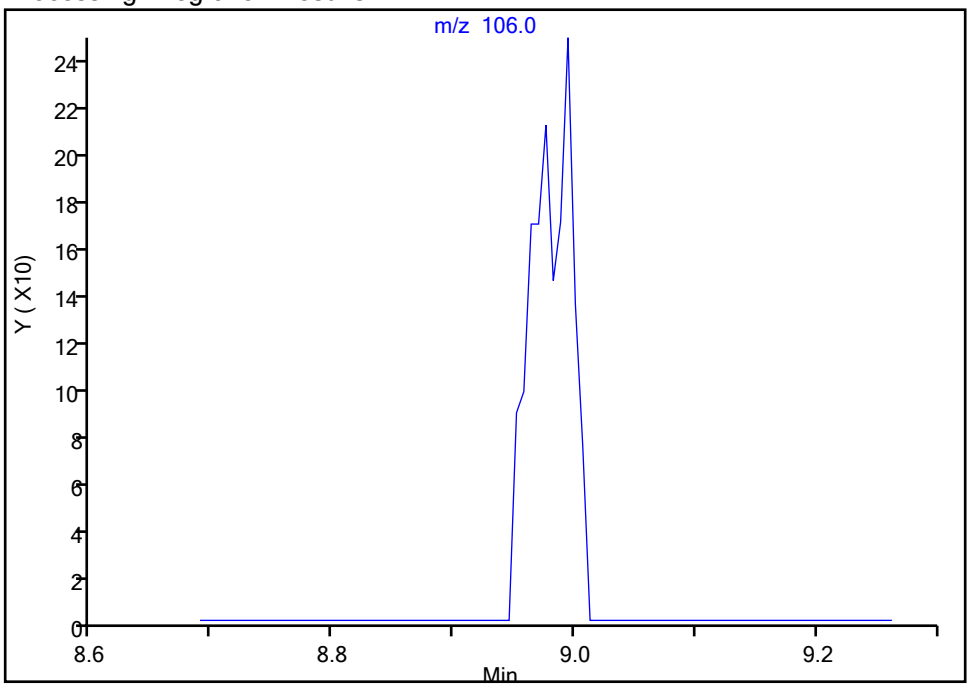
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85443.D				
Injection Date:	08-Apr-2022 20:53:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-5-A	Lab Sample ID:	460-255692-5		
Client ID:	SB-14 (4-5)				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

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

Signal: 1

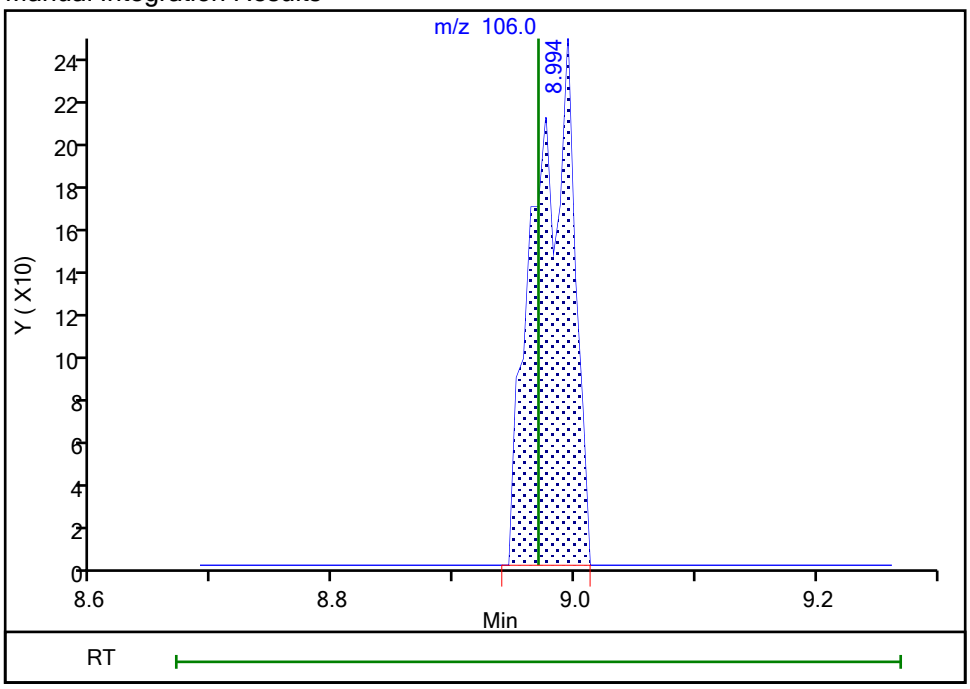
Not Detected
Expected RT: 8.97

Processing Integration Results



Manual Integration Results

RT: 8.99
Area: 548
Amount: 0.202384
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:50:49
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

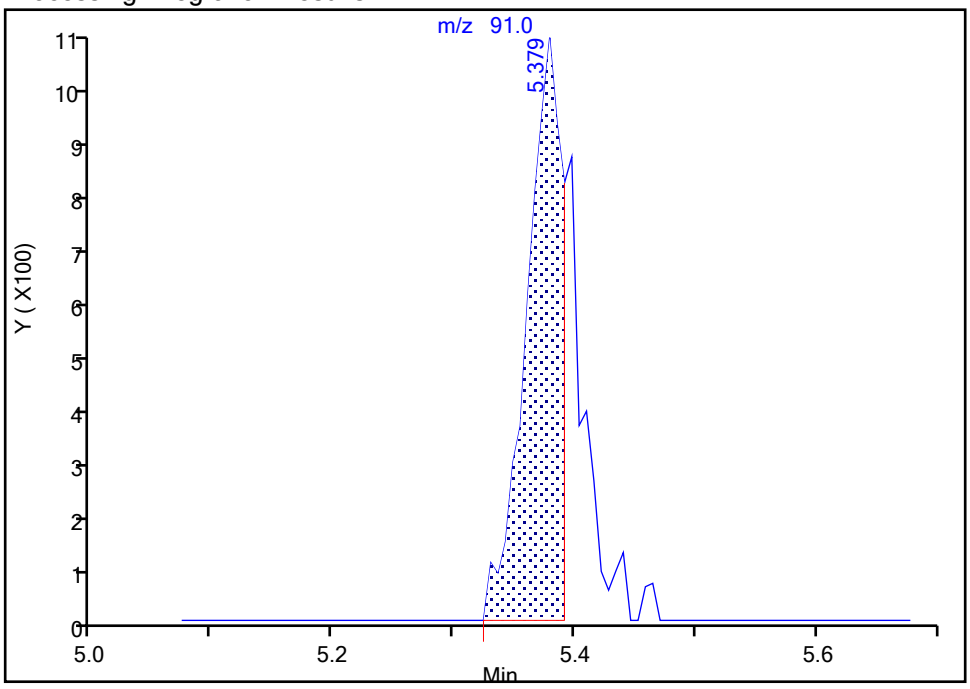
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85443.D		
Injection Date:	08-Apr-2022 20:53:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-5-A	Lab Sample ID:	460-255692-5
Client ID:	SB-14 (4-5)		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

80 Toluene, CAS: 108-88-3

Signal: 1

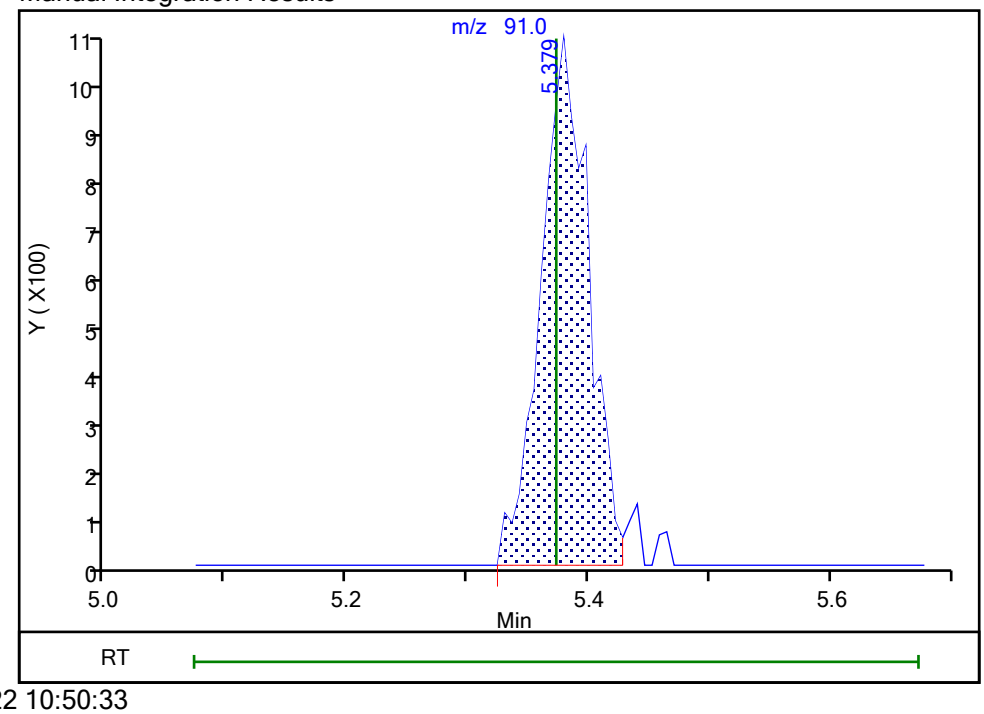
Processing Integration Results

RT: 5.38
Area: 2126
Amount: 0.285259
Amount Units: ug/l



Manual Integration Results

RT: 5.38
Area: 2823
Amount: 0.378781
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:50:33

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

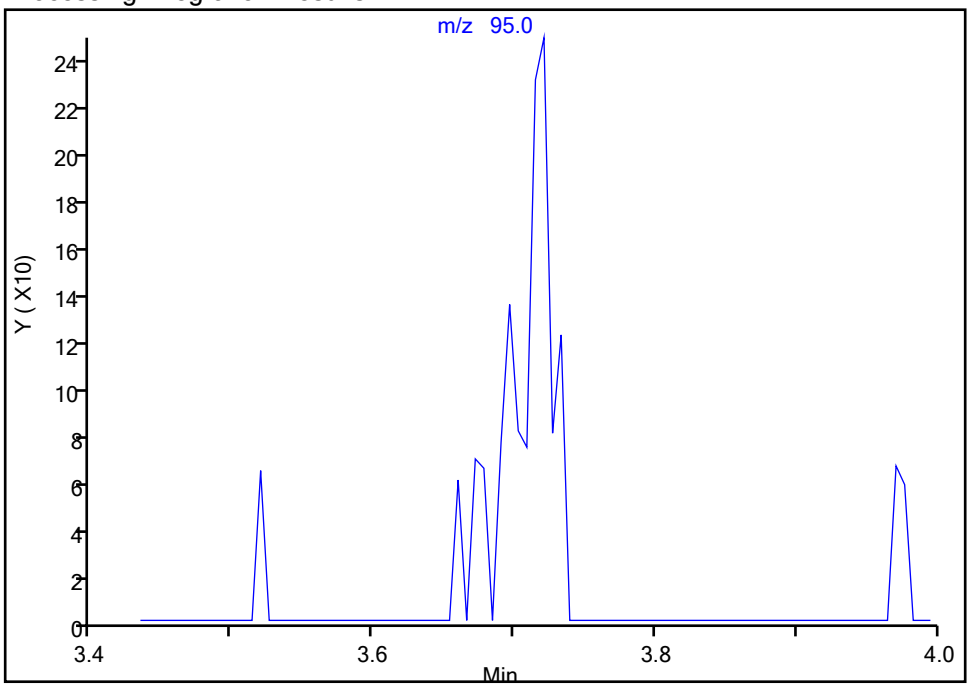
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85443.D				
Injection Date:	08-Apr-2022 20:53:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-5-A	Lab Sample ID:	460-255692-5		
Client ID:	SB-14 (4-5)				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

63 Trichloroethene, CAS: 79-01-6

Signal: 1

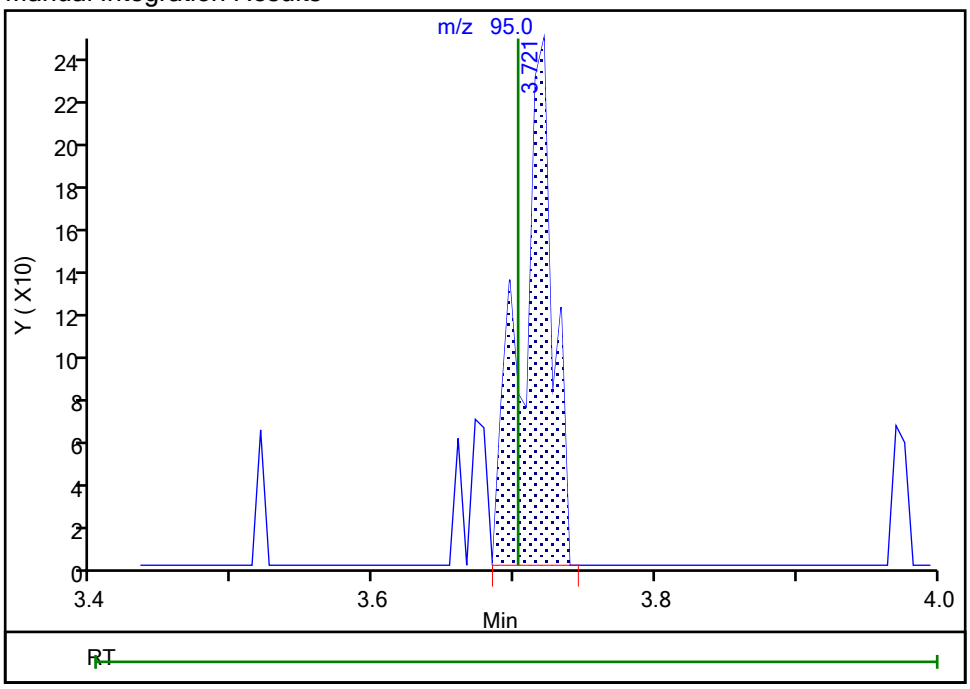
Not Detected
Expected RT: 3.70

Processing Integration Results



Manual Integration Results

RT: 3.72
Area: 383
Amount: 0.191492
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:50:37
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

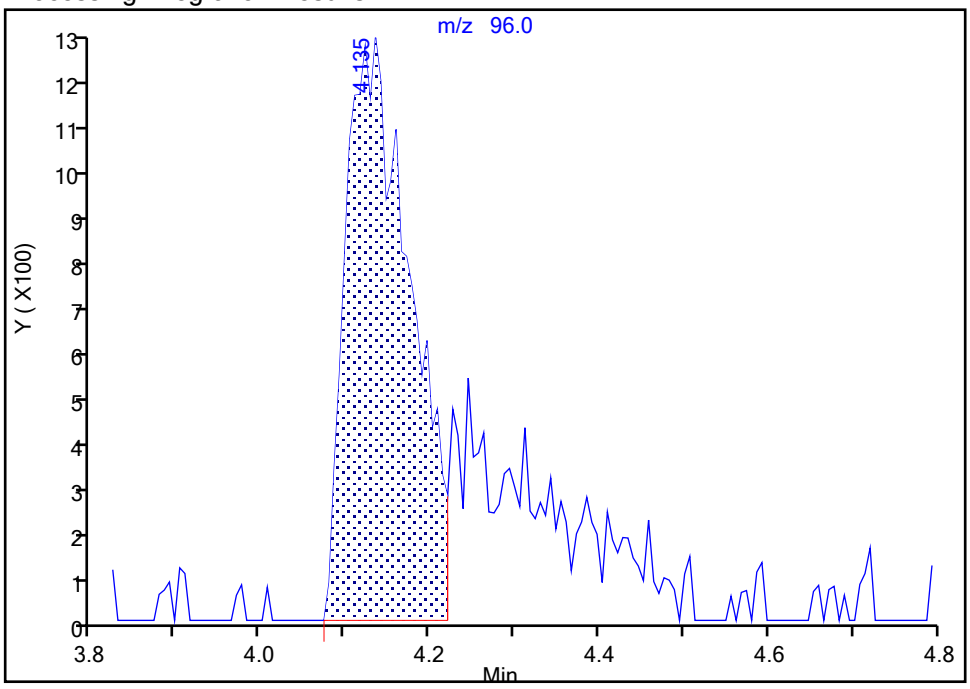
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85443.D				
Injection Date:	08-Apr-2022 20:53:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-5-A	Lab Sample ID:	460-255692-5		
Client ID:	SB-14 (4-5)				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

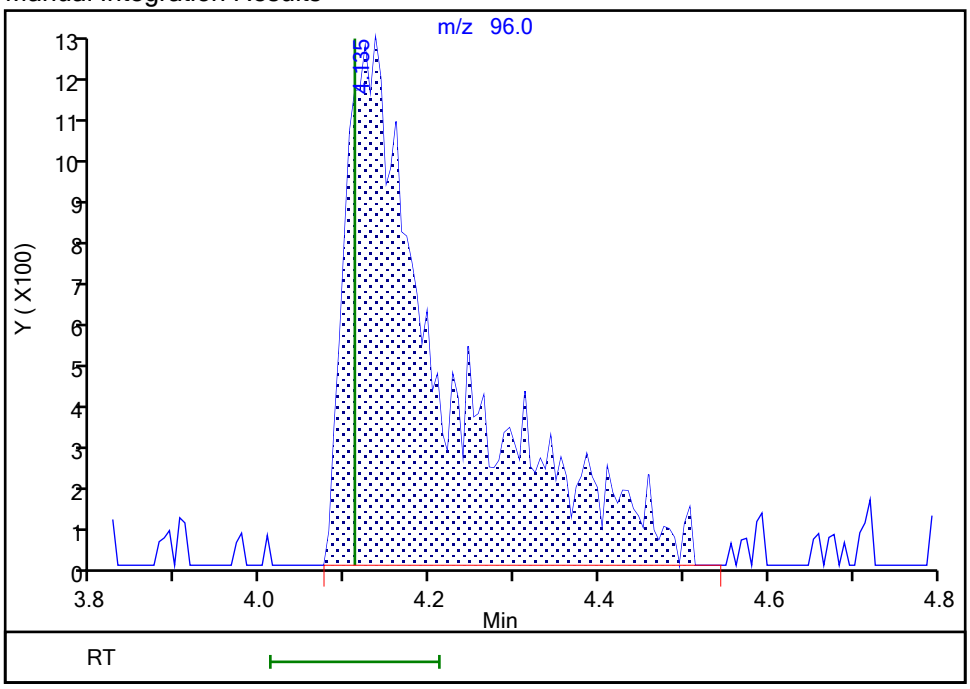
Processing Integration Results

RT: 4.14
Area: 6532
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.14
Area: 10220
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:50:18

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-14 (6-10) | Lab Sample ID: 460-255692-6

Matrix: Solid | Lab File ID: B85444.D

Analysis Method: 8260D | Date Collected: 04/05/2022 10:10

Sample wt/vol: 5.22(g) | Date Analyzed: 04/08/2022 21:15

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 9.7 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00025	U	0.0011	0.00025
79-34-5	1,1,2,2-Tetrachloroethane	0.00023	U	0.0011	0.00023
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00032	U *+	0.0011	0.00032
79-00-5	1,1,2-Trichloroethane	0.00019	U	0.0011	0.00019
75-34-3	1,1-Dichloroethane	0.00022	U	0.0011	0.00022
75-35-4	1,1-Dichloroethene	0.00024	U *+	0.0011	0.00024
87-61-6	1,2,3-Trichlorobenzene	0.00019	U	0.0011	0.00019
120-82-1	1,2,4-Trichlorobenzene	0.00038	U	0.0011	0.00038
95-63-6	1,2,4-Trimethylbenzene	0.00026	U	0.0011	0.00026
96-12-8	1,2-Dibromo-3-Chloropropane	0.00049	U	0.0011	0.00049
95-50-1	1,2-Dichlorobenzene	0.00038	U	0.0011	0.00038
107-06-2	1,2-Dichloroethane	0.00031	U	0.0011	0.00031
78-87-5	1,2-Dichloropropane	0.00045	U	0.0011	0.00045
108-67-8	1,3,5-Trimethylbenzene	0.00033	U	0.0011	0.00033
541-73-1	1,3-Dichlorobenzene	0.00039	U	0.0011	0.00039
106-46-7	1,4-Dichlorobenzene	0.00024	U	0.0011	0.00024
78-93-3	2-Butanone (MEK)	0.00039	U	0.0053	0.00039
591-78-6	2-Hexanone	0.0018	U	0.0053	0.0018
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0053	0.0016
67-64-1	Acetone	0.032		0.0064	0.0061
71-43-2	Benzene	0.00027	U	0.0011	0.00027
75-25-2	Bromoform	0.00045	U	0.0011	0.00045
74-83-9	Bromomethane	0.0011	U	0.0021	0.0011
75-15-0	Carbon disulfide	0.00028	U	0.0011	0.00028
56-23-5	Carbon tetrachloride	0.00041	U	0.0011	0.00041
108-90-7	Chlorobenzene	0.00019	U	0.0011	0.00019
74-97-5	Chlorobromomethane	0.00030	U	0.0011	0.00030
124-48-1	Chlorodibromomethane	0.00021	U	0.0011	0.00021
75-00-3	Chloroethane	0.00055	U	0.0011	0.00055
67-66-3	Chloroform	0.0010	U	0.0011	0.0010
74-87-3	Chloromethane	0.00046	U	0.0011	0.00046
156-59-2	cis-1,2-Dichloroethene	0.00038	U	0.0011	0.00038
10061-01-5	cis-1,3-Dichloropropene	0.00029	U	0.0011	0.00029
110-82-7	Cyclohexane	0.00023	U	0.0011	0.00023
75-27-4	Dichlorobromomethane	0.00027	U	0.0011	0.00027

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-14 (6-10) | Lab Sample ID: 460-255692-6

Matrix: Solid | Lab File ID: B85444.D

Analysis Method: 8260D | Date Collected: 04/05/2022 10:10

Sample wt/vol: 5.22(g) | Date Analyzed: 04/08/2022 21:15

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 9.7 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.00036	U	0.0011	0.00036
100-41-4	Ethylbenzene	0.00021	U	0.0011	0.00021
106-93-4	Ethylene Dibromide	0.00019	U	0.0011	0.00019
98-82-8	Isopropylbenzene	0.00030	U	0.0011	0.00030
79-20-9	Methyl acetate	0.0046	U	0.0053	0.0046
1634-04-4	Methyl tert-butyl ether	0.00054	U	0.0011	0.00054
108-87-2	Methylcyclohexane	0.00053	U	0.0011	0.00053
75-09-2	Methylene Chloride	0.0012	U	0.0021	0.0012
179601-23-1	m-Xylene & p-Xylene	0.00018	U	0.0011	0.00018
104-51-8	n-Butylbenzene	0.00031	U	0.0011	0.00031
103-65-1	N-Propylbenzene	0.00019	U	0.0011	0.00019
95-47-6	o-Xylene	0.00021	U	0.0011	0.00021
135-98-8	sec-Butylbenzene	0.00031	U	0.0011	0.00031
100-42-5	Styrene	0.00029	U	0.0011	0.00029
98-06-6	tert-Butylbenzene	0.00029	U	0.0011	0.00029
127-18-4	Tetrachloroethene	0.00032	U	0.0011	0.00032
108-88-3	Toluene	0.00025	U	0.0011	0.00025
156-60-5	trans-1,2-Dichloroethene	0.00026	U	0.0011	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.00028	U	0.0011	0.00028
79-01-6	Trichloroethene	0.00034	U	0.0011	0.00034
75-69-4	Trichlorofluoromethane	0.00043	U	0.0011	0.00043
75-01-4	Vinyl chloride	0.00058	U	0.0011	0.00058
1330-20-7	Xylenes, Total	0.00068	U	0.0021	0.00068

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		77-145
460-00-4	4-Bromofluorobenzene	97		70-139
1868-53-7	Dibromofluoromethane (Surr)	105		48-150
2037-26-5	Toluene-d8 (Surr)	95		80-120

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

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-14 (6-10) | Lab Sample ID: 460-255692-6

Matrix: Solid | Lab File ID: B85444.D

Analysis Method: 8260D | Date Collected: 04/05/2022 10:10

Sample wt/vol: 5.22(g) | Date Analyzed: 04/08/2022 21:15

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 9.7 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85444.D
Lims ID: 460-255692-B-6-A
Client ID: SB-14 (6-10)
Sample Type: Client
Inject. Date: 08-Apr-2022 21:15:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-6-A
Misc. Info.: 460-0143790-016
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:51:30 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:03:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.258	1.252	0.006	84	20810	30.5	
* 29 TBA-d9 (IS)	65	1.556	1.532	0.024	0	309899	1000.0	
* 40 2-Butanone-d5	46	2.282	2.270	0.012	0	254457	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.696	2.697	-0.001	95	111748	52.5	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.971	0.006	0	128613	51.0	
* 60 Fluorobenzene	96	3.318	3.306	0.012	97	431863	50.0	
* 69 1,4-Dioxane-d8	96	4.129	4.111	0.018	0	9823	1000.0	sM
$ 79 Toluene-d8 (Surr)	98	5.287	5.281	0.006	98	375189	47.5	
85 Tetrachloroethene	166	6.202	6.208	-0.006	7	463	0.2635	M
* 91 Chlorobenzene-d5	117	7.647	7.641	0.006	89	272733	50.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	88	85926	48.6	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	97	125592	50.0	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00227 Amount Added: 1.00 Units: uL Run Reagent

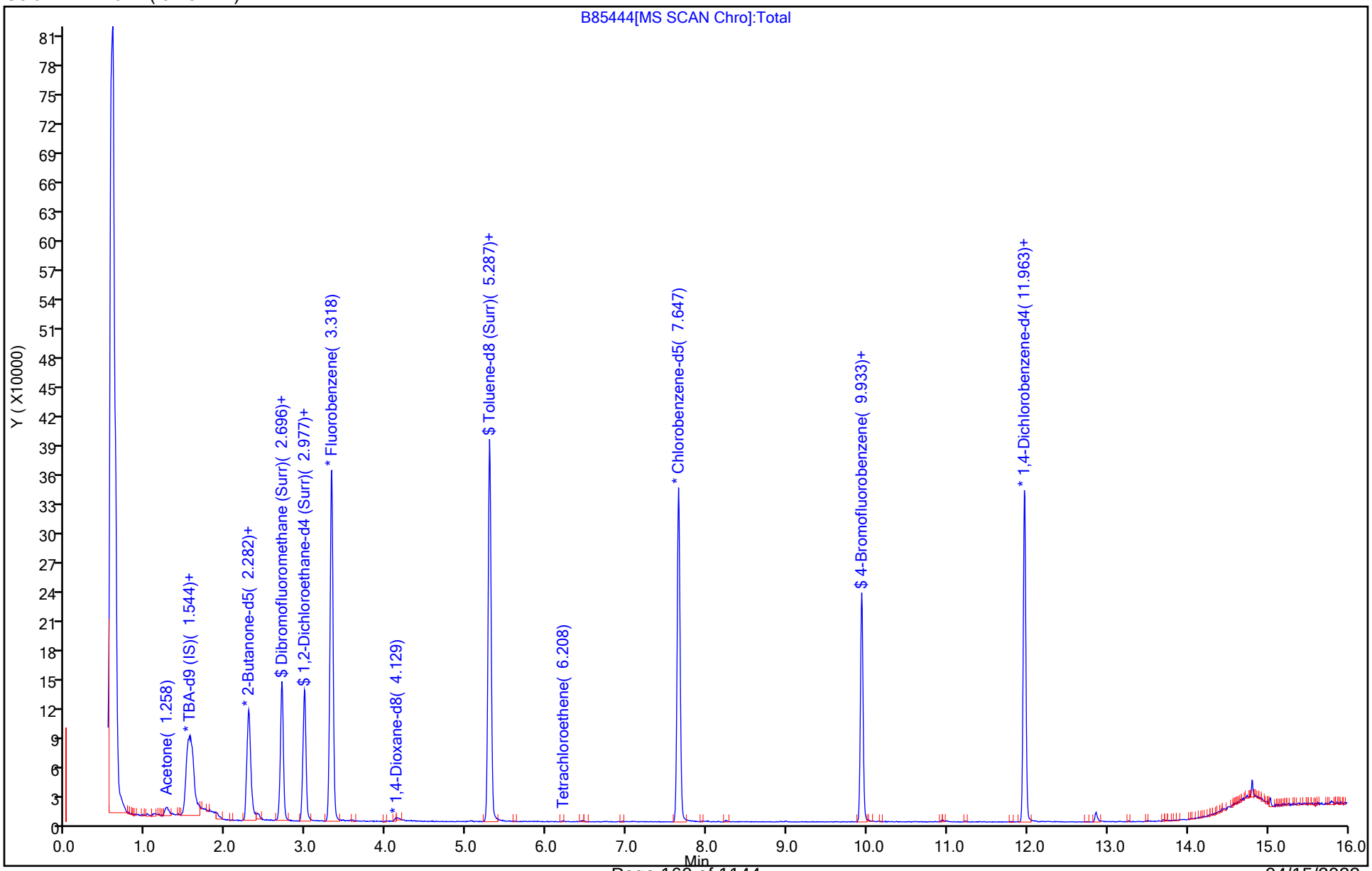
Report Date: 11-Apr-2022 10:51:30 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85444.D

Injection Date:	08-Apr-2022 21:15:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-255692-B-6-A	Lab Sample ID:	460-255692-6	Worklist Smp#:	16
Client ID:	SB-14 (6-10)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85444.D
Lims ID: 460-255692-B-6-A
Client ID: SB-14 (6-10)
Sample Type: Client
Inject. Date: 08-Apr-2022 21:15:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-6-A
Misc. Info.: 460-0143790-016
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:51:30 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:03:53

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	52.5	105.08
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	51.0	102.08
$ 79 Toluene-d8 (Surr)	50.0	47.5	94.91
$ 103 4-Bromofluorobenzene	50.0	48.6	97.24

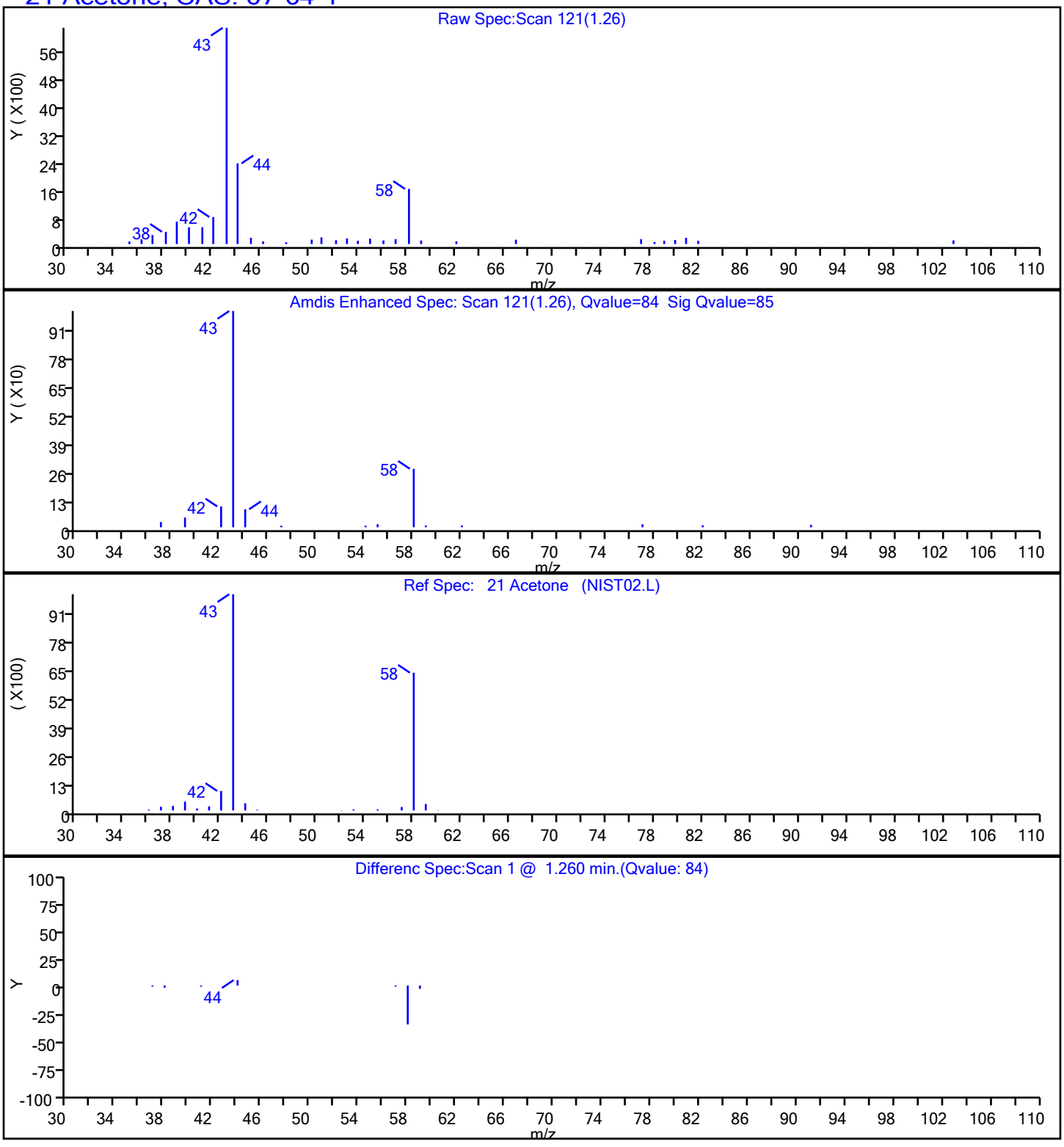
Report Date: 11-Apr-2022 10:51:30 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85444.D

Injection Date:	08-Apr-2022 21:15:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-6-A	Lab Sample ID:	460-255692-6
Client ID:	SB-14 (6-10)		
Operator ID:		ALS Bottle#:	15 Worklist Smp#: 16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

21 Acetone, CAS: 67-64-1



Eurofins Edison

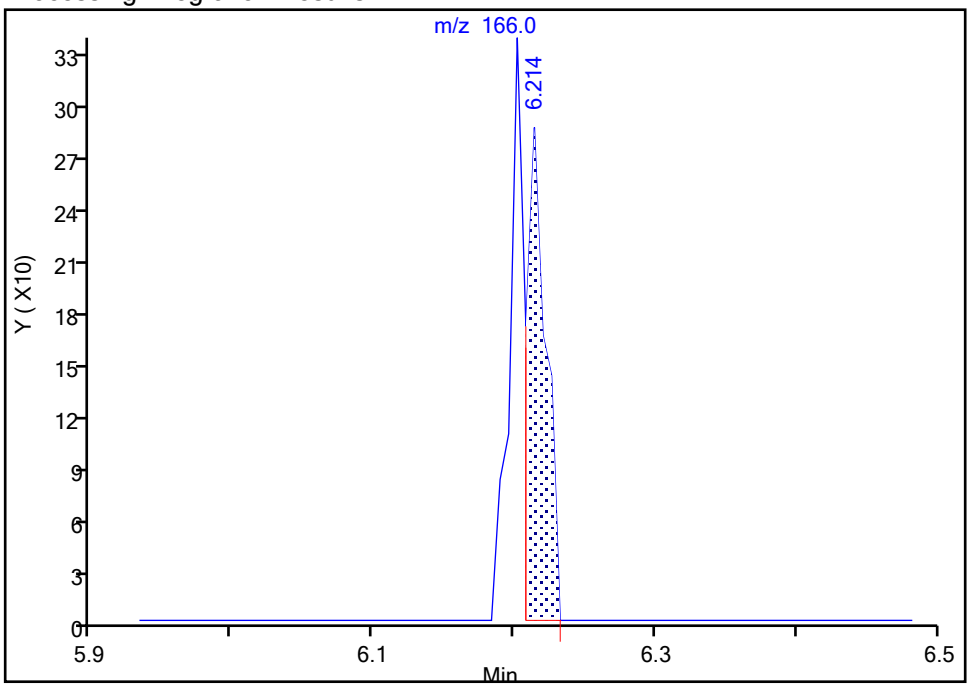
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85444.D		
Injection Date:	08-Apr-2022 21:15:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-6-A	Lab Sample ID:	460-255692-6
Client ID:	SB-14 (6-10)		
Operator ID:		ALS Bottle#:	15 Worklist Smp#: 16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

85 Tetrachloroethene, CAS: 127-18-4

Signal: 1

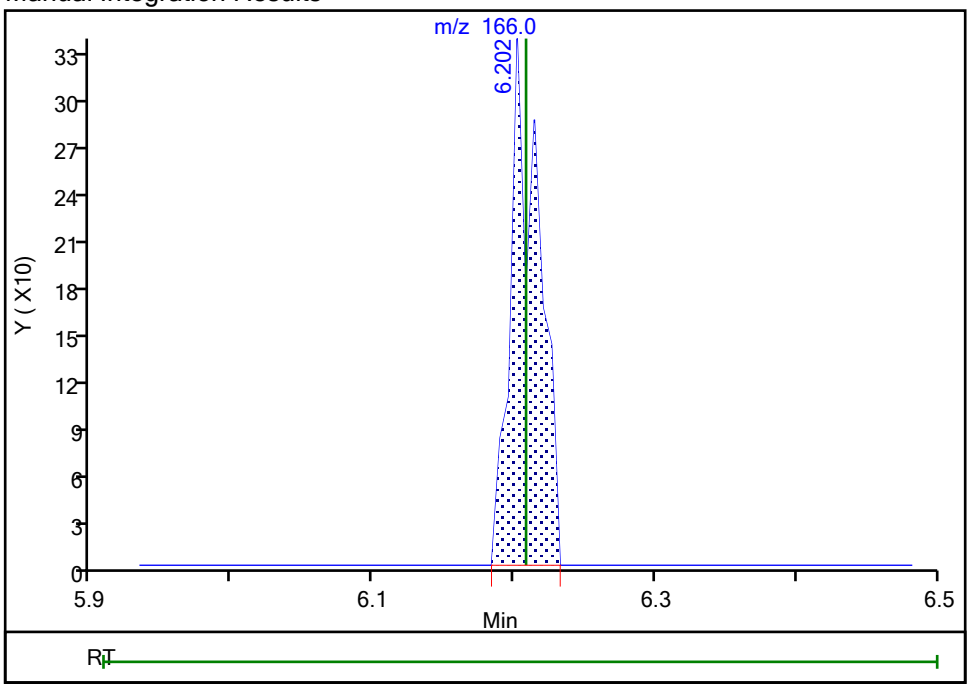
Processing Integration Results

RT: 6.21
Area: 274
Amount: 0.155927
Amount Units: ug/l



Manual Integration Results

RT: 6.20
Area: 463
Amount: 0.263483
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:51:25
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

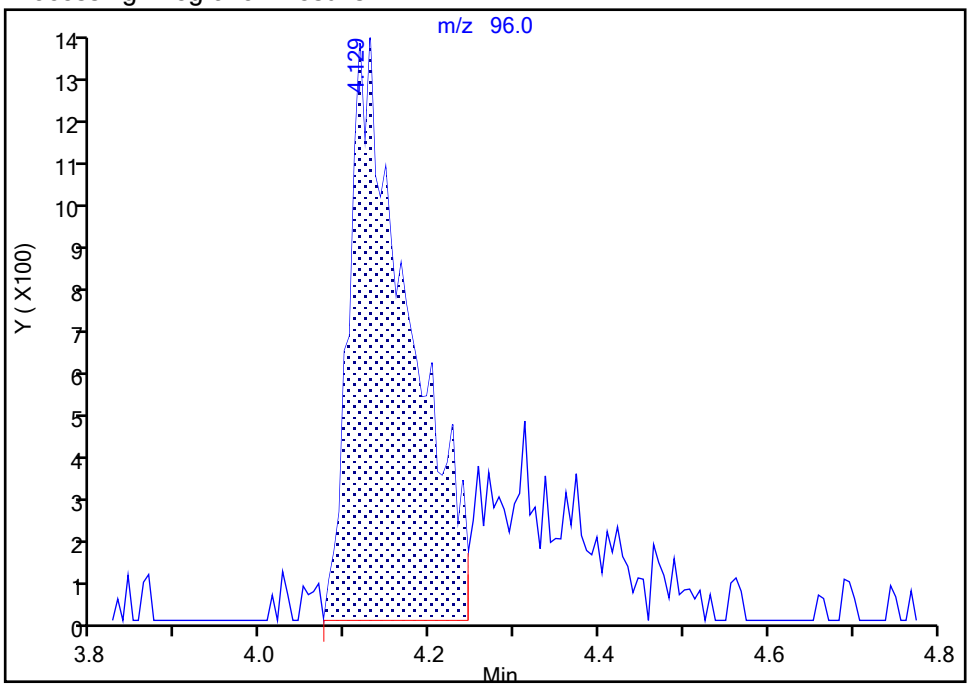
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85444.D				
Injection Date:	08-Apr-2022 21:15:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-6-A	Lab Sample ID:	460-255692-6		
Client ID:	SB-14 (6-10)				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

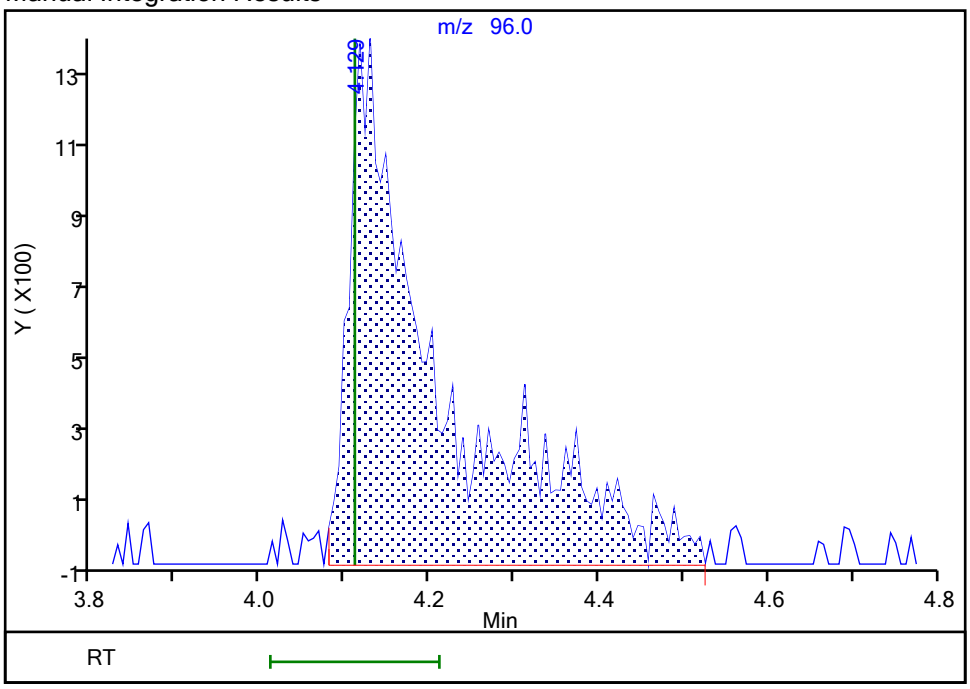
Processing Integration Results

RT: 4.13
Area: 6624
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.13
Area: 9823
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:51:05

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-15 (3-5) | Lab Sample ID: 460-255692-7

Matrix: Solid | Lab File ID: B85445.D

Analysis Method: 8260D | Date Collected: 04/05/2022 10:45

Sample wt/vol: 6.09(g) | Date Analyzed: 04/08/2022 21:37

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 13.8 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00022	U	0.00095	0.00022
79-34-5	1,1,2,2-Tetrachloroethane	0.00020	U	0.00095	0.00020
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00029	U *+	0.00095	0.00029
79-00-5	1,1,2-Trichloroethane	0.00017	U	0.00095	0.00017
75-34-3	1,1-Dichloroethane	0.00020	U	0.00095	0.00020
75-35-4	1,1-Dichloroethene	0.00021	U *+	0.00095	0.00021
87-61-6	1,2,3-Trichlorobenzene	0.00017	U	0.00095	0.00017
120-82-1	1,2,4-Trichlorobenzene	0.00034	U	0.00095	0.00034
95-63-6	1,2,4-Trimethylbenzene	0.00023	U	0.00095	0.00023
96-12-8	1,2-Dibromo-3-Chloropropane	0.00044	U	0.00095	0.00044
95-50-1	1,2-Dichlorobenzene	0.00034	U	0.00095	0.00034
107-06-2	1,2-Dichloroethane	0.00028	U	0.00095	0.00028
78-87-5	1,2-Dichloropropane	0.00040	U	0.00095	0.00040
108-67-8	1,3,5-Trimethylbenzene	0.00030	U	0.00095	0.00030
541-73-1	1,3-Dichlorobenzene	0.00035	U	0.00095	0.00035
106-46-7	1,4-Dichlorobenzene	0.00021	U	0.00095	0.00021
78-93-3	2-Butanone (MEK)	0.00035	U	0.0048	0.00035
591-78-6	2-Hexanone	0.0016	U	0.0048	0.0016
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0015	U	0.0048	0.0015
67-64-1	Acetone	0.0083		0.0057	0.0054
71-43-2	Benzene	0.00025	U	0.00095	0.00025
75-25-2	Bromoform	0.00040	U	0.00095	0.00040
74-83-9	Bromomethane	0.00095	U	0.0019	0.00095
75-15-0	Carbon disulfide	0.00025	U	0.00095	0.00025
56-23-5	Carbon tetrachloride	0.00037	U	0.00095	0.00037
108-90-7	Chlorobenzene	0.00017	U	0.00095	0.00017
74-97-5	Chlorobromomethane	0.00027	U	0.00095	0.00027
124-48-1	Chlorodibromomethane	0.00018	U	0.00095	0.00018
75-00-3	Chloroethane	0.00050	U	0.00095	0.00050
67-66-3	Chloroform	0.00092	U	0.00095	0.00092
74-87-3	Chloromethane	0.00041	U	0.00095	0.00041
156-59-2	cis-1,2-Dichloroethene	0.00034	U	0.00095	0.00034
10061-01-5	cis-1,3-Dichloropropene	0.00026	U	0.00095	0.00026
110-82-7	Cyclohexane	0.00021	U	0.00095	0.00021
75-27-4	Dichlorobromomethane	0.00024	U	0.00095	0.00024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-15 (3-5) | Lab Sample ID: 460-255692-7

Matrix: Solid | Lab File ID: B85445.D

Analysis Method: 8260D | Date Collected: 04/05/2022 10:45

Sample wt/vol: 6.09(g) | Date Analyzed: 04/08/2022 21:37

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 13.8 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.00032	U	0.00095	0.00032
100-41-4	Ethylbenzene	0.00019	U	0.00095	0.00019
106-93-4	Ethylene Dibromide	0.00017	U	0.00095	0.00017
98-82-8	Isopropylbenzene	0.00027	U	0.00095	0.00027
79-20-9	Methyl acetate	0.0041	U	0.0048	0.0041
1634-04-4	Methyl tert-butyl ether	0.00049	U	0.00095	0.00049
108-87-2	Methylcyclohexane	0.00048	U	0.00095	0.00048
75-09-2	Methylene Chloride	0.0011	U	0.0019	0.0011
179601-23-1	m-Xylene & p-Xylene	0.00017	U	0.00095	0.00017
104-51-8	n-Butylbenzene	0.00028	U	0.00095	0.00028
103-65-1	N-Propylbenzene	0.00017	U	0.00095	0.00017
95-47-6	o-Xylene	0.00018	U	0.00095	0.00018
135-98-8	sec-Butylbenzene	0.00027	U	0.00095	0.00027
100-42-5	Styrene	0.00026	U	0.00095	0.00026
98-06-6	tert-Butylbenzene	0.00026	U	0.00095	0.00026
127-18-4	Tetrachloroethene	0.00065	J	0.00095	0.00029
108-88-3	Toluene	0.00022	U	0.00095	0.00022
156-60-5	trans-1,2-Dichloroethene	0.00023	U	0.00095	0.00023
10061-02-6	trans-1,3-Dichloropropene	0.00025	U	0.00095	0.00025
79-01-6	Trichloroethene	0.00031	U	0.00095	0.00031
75-69-4	Trichlorofluoromethane	0.00039	U	0.00095	0.00039
75-01-4	Vinyl chloride	0.00052	U	0.00095	0.00052
1330-20-7	Xylenes, Total	0.00061	U	0.0019	0.00061

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		77-145
460-00-4	4-Bromofluorobenzene	93		70-139
1868-53-7	Dibromofluoromethane (Surr)	109		48-150
2037-26-5	Toluene-d8 (Surr)	96		80-120

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

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-15 (3-5) | Lab Sample ID: 460-255692-7

Matrix: Solid | Lab File ID: B85445.D

Analysis Method: 8260D | Date Collected: 04/05/2022 10:45

Sample wt/vol: 6.09(g) | Date Analyzed: 04/08/2022 21:37

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 13.8 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85445.D
Lims ID: 460-255692-B-7-A
Client ID: SB-15 (3-5)
Sample Type: Client
Inject. Date: 08-Apr-2022 21:37:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-7-A
Misc. Info.: 460-0143790-017
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:52:26 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:04:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.264	1.252	0.012	72	6284	8.76	
28 Methylene Chloride	84	1.477	1.471	0.006	56	1169	0.4738	
* 29 TBA-d9 (IS)	65	1.544	1.532	0.012	0	348209	1000.0	
* 40 2-Butanone-d5	46	2.288	2.270	0.018	0	267526	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.703	2.697	0.006	95	114584	54.3	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.983	2.971	0.012	0	131963	52.8	
* 60 Fluorobenzene	96	3.318	3.306	0.012	97	428632	50.0	
* 69 1,4-Dioxane-d8	96	4.117	4.111	0.006	0	11430	1000.0	
$ 79 Toluene-d8 (Surr)	98	5.288	5.281	0.007	98	344662	48.0	
85 Tetrachloroethene	166	6.214	6.208	0.006	90	1091	0.6843	M
* 91 Chlorobenzene-d5	117	7.641	7.641	0.000	89	247456	50.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	89	81318	46.5	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	96	124400	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00227 Amount Added: 1.00 Units: uL Run Reagent

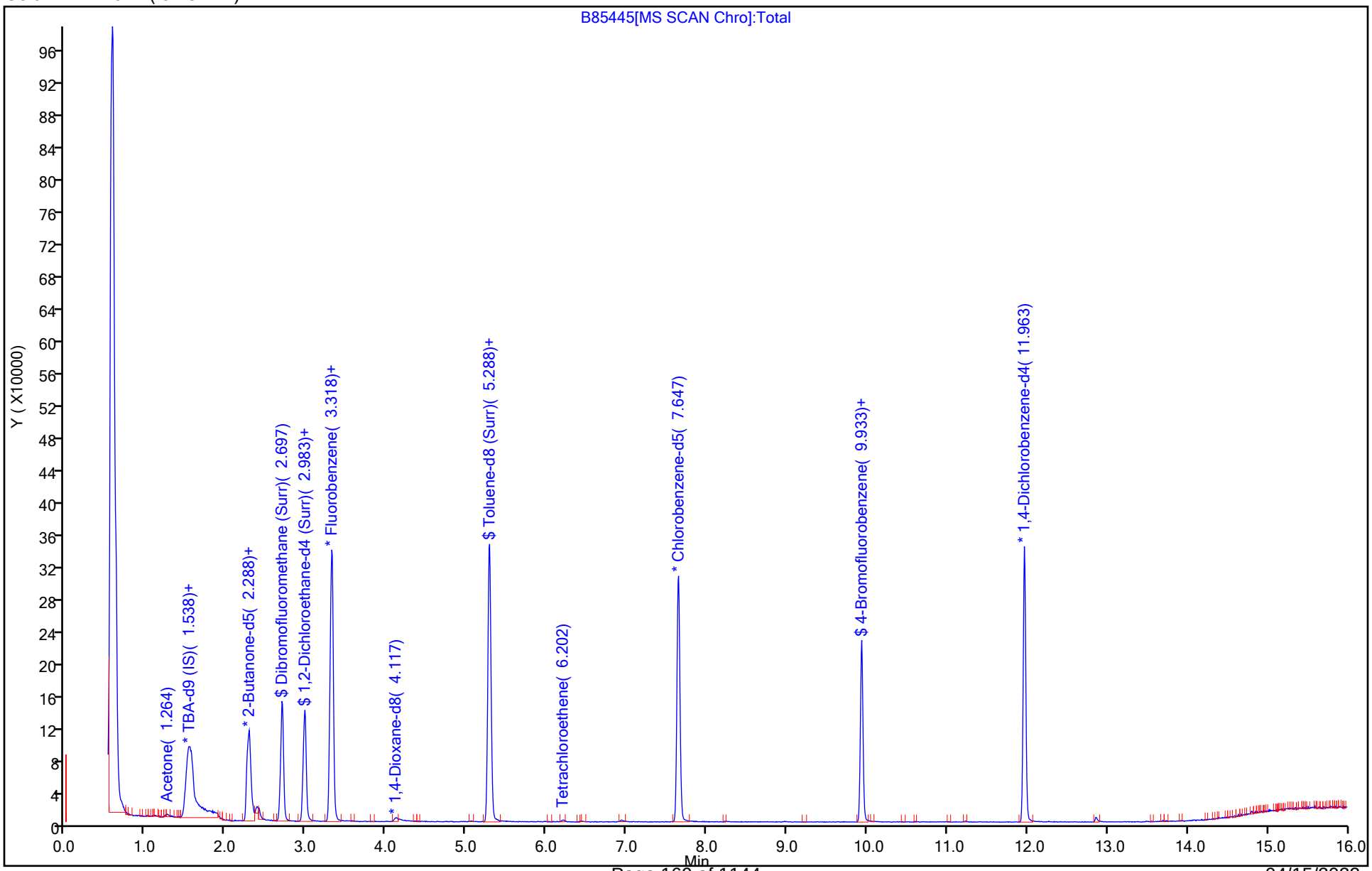
Report Date: 11-Apr-2022 10:52:27 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85445.D

Injection Date:	08-Apr-2022 21:37:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-255692-B-7-A	Lab Sample ID:	460-255692-7	Worklist Smp#:	17
Client ID:	SB-15 (3-5)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85445.D
Lims ID: 460-255692-B-7-A
Client ID: SB-15 (3-5)
Sample Type: Client
Inject. Date: 08-Apr-2022 21:37:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-7-A
Misc. Info.: 460-0143790-017
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:52:26 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:04:16

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	54.3	108.56
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	52.8	105.53
$ 79 Toluene-d8 (Surr)	50.0	48.0	96.09
$ 103 4-Bromofluorobenzene	50.0	46.5	92.91

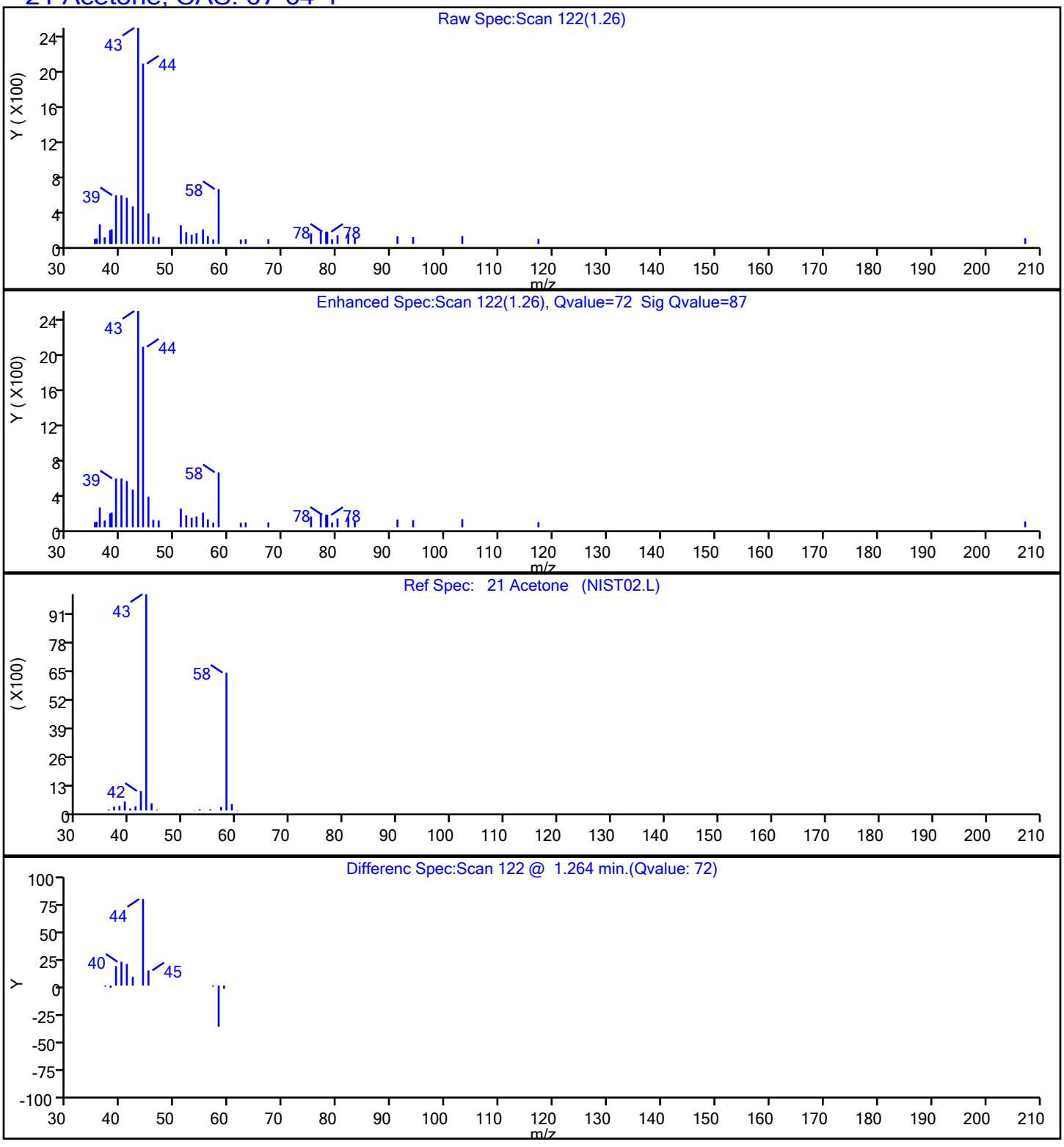
Report Date: 11-Apr-2022 10:52:27 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85445.D

Injection Date:	08-Apr-2022 21:37:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-7-A	Lab Sample ID:	460-255692-7		
Client ID:	SB-15 (3-5)				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

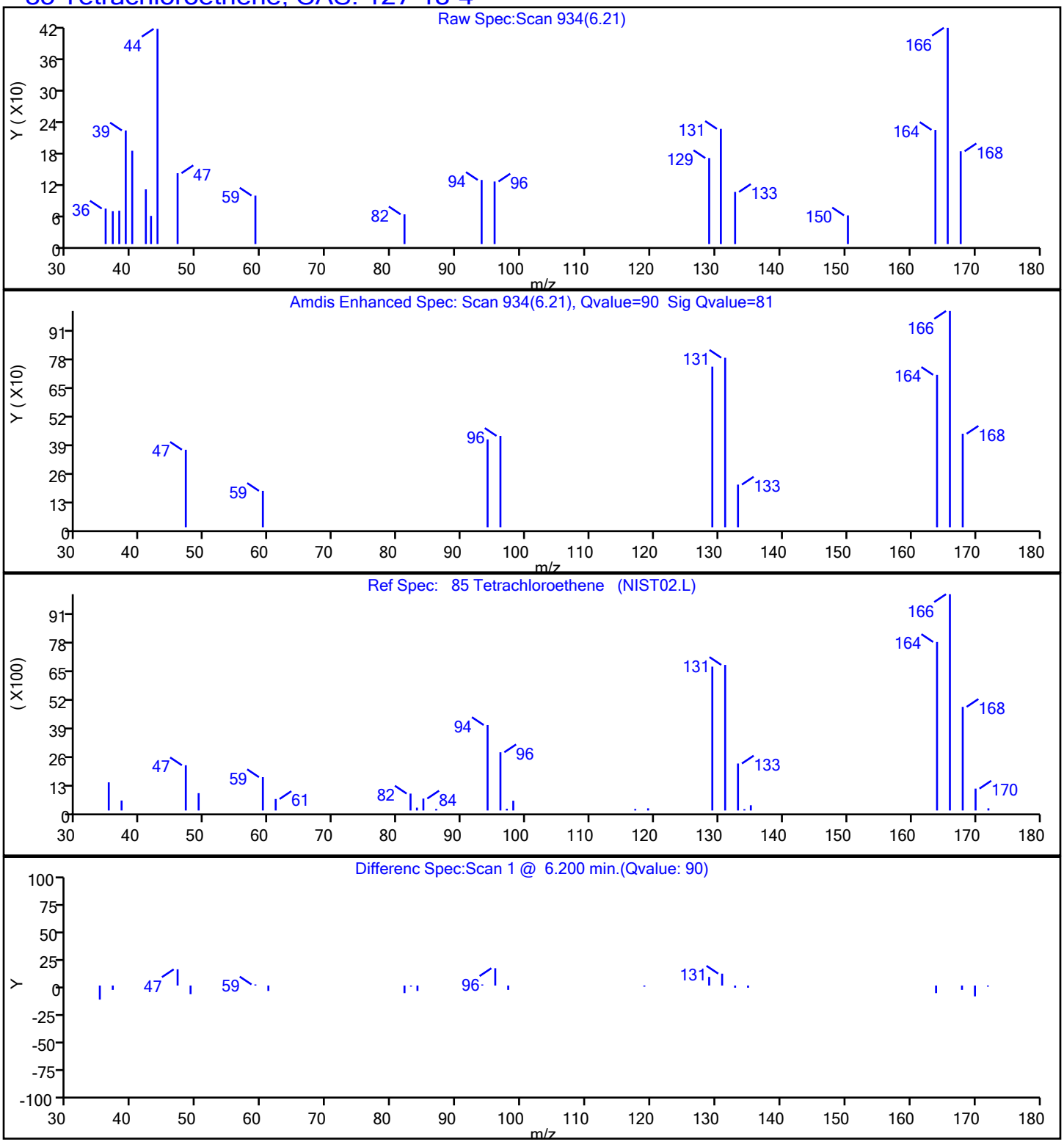
21 Acetone, CAS: 67-64-1



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85445.D
Injection Date: 08-Apr-2022 21:37:30 Instrument ID: CVOAMS2
Lims ID: 460-255692-B-7-A Lab Sample ID: 460-255692-7
Client ID: SB-15 (3-5)
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

85 Tetrachloroethene, CAS: 127-18-4



Manual Integration/User Assign Peak Report

Eurofins Edison

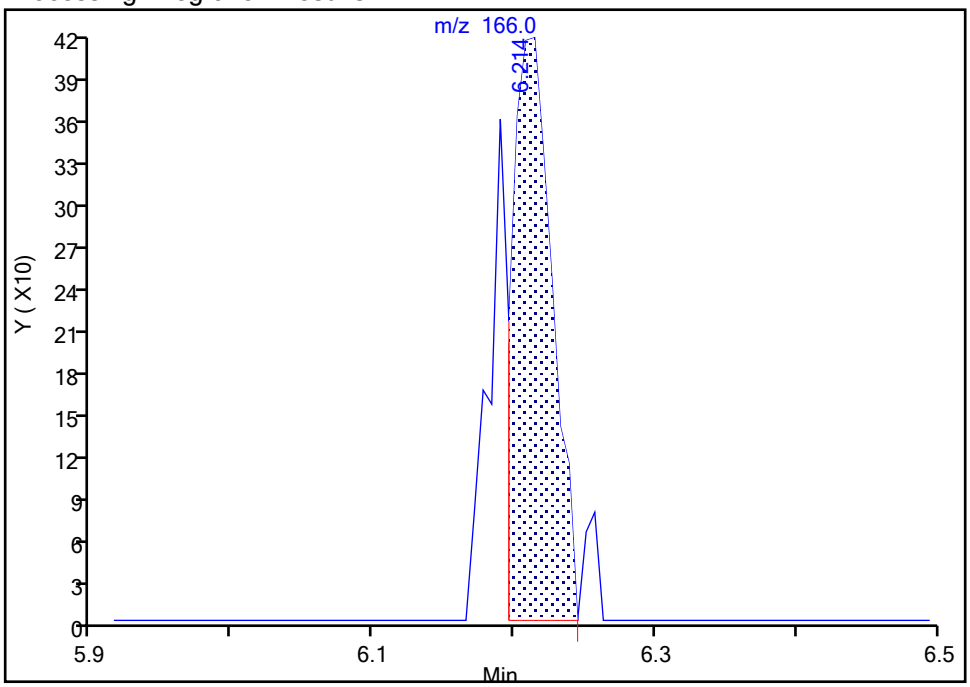
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85445.D		
Injection Date:	08-Apr-2022 21:37:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-7-A	Lab Sample ID:	460-255692-7
Client ID:	SB-15 (3-5)		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

85 Tetrachloroethene, CAS: 127-18-4

Signal: 1

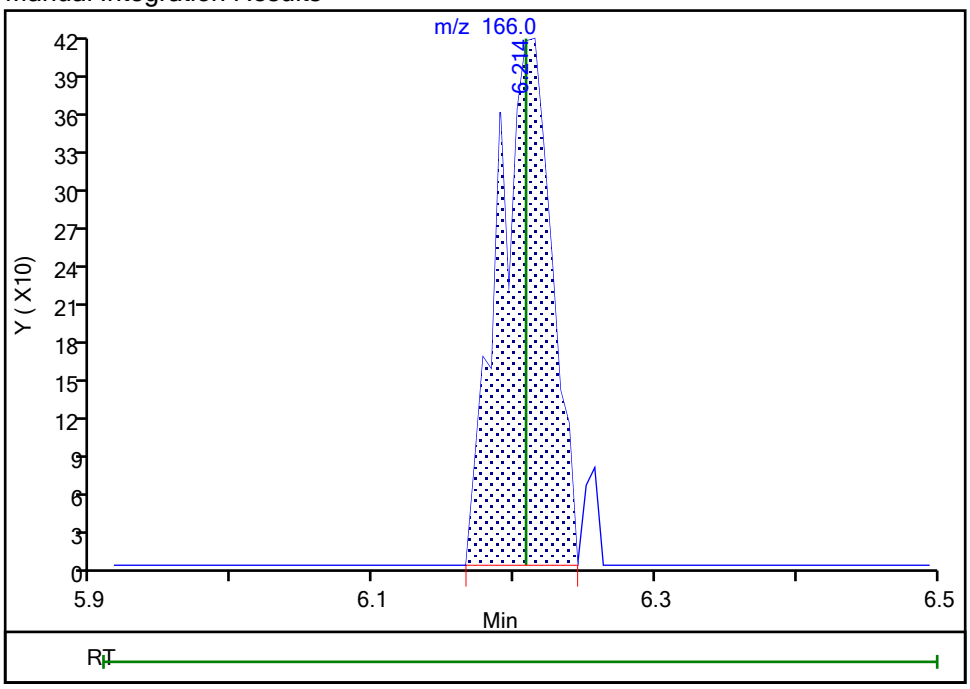
Processing Integration Results

RT: 6.21
Area: 816
Amount: 0.511801
Amount Units: ug/l



Manual Integration Results

RT: 6.21
Area: 1091
Amount: 0.684283
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:51:48
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-15 (12-13) | Lab Sample ID: 460-255692-8

Matrix: Solid | Lab File ID: B85446.D

Analysis Method: 8260D | Date Collected: 04/05/2022 11:00

Sample wt/vol: 3.13(g) | Date Analyzed: 04/08/2022 21:59

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 13.1 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00043	U	0.0018	0.00043
79-34-5	1,1,2,2-Tetrachloroethane	0.00039	U	0.0018	0.00039
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00055	U *+	0.0018	0.00055
79-00-5	1,1,2-Trichloroethane	0.00033	U	0.0018	0.00033
75-34-3	1,1-Dichloroethane	0.00038	U	0.0018	0.00038
75-35-4	1,1-Dichloroethene	0.00041	U *+	0.0018	0.00041
87-61-6	1,2,3-Trichlorobenzene	0.00033	U	0.0018	0.00033
120-82-1	1,2,4-Trichlorobenzene	0.00066	U	0.0018	0.00066
95-63-6	1,2,4-Trimethylbenzene	0.00045	U	0.0018	0.00045
96-12-8	1,2-Dibromo-3-Chloropropane	0.00085	U	0.0018	0.00085
95-50-1	1,2-Dichlorobenzene	0.00066	U	0.0018	0.00066
107-06-2	1,2-Dichloroethane	0.00054	U	0.0018	0.00054
78-87-5	1,2-Dichloropropane	0.00078	U	0.0018	0.00078
108-67-8	1,3,5-Trimethylbenzene	0.00058	U	0.0018	0.00058
541-73-1	1,3-Dichlorobenzene	0.00067	U	0.0018	0.00067
106-46-7	1,4-Dichlorobenzene	0.00041	U	0.0018	0.00041
78-93-3	2-Butanone (MEK)	0.00068	U	0.0092	0.00068
591-78-6	2-Hexanone	0.0031	U	0.0092	0.0031
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0029	U	0.0092	0.0029
67-64-1	Acetone	0.041		0.011	0.011
71-43-2	Benzene	0.00047	U	0.0018	0.00047
75-25-2	Bromoform	0.00078	U	0.0018	0.00078
74-83-9	Bromomethane	0.0018	U	0.0037	0.0018
75-15-0	Carbon disulfide	0.00049	U	0.0018	0.00049
56-23-5	Carbon tetrachloride	0.00071	U	0.0018	0.00071
108-90-7	Chlorobenzene	0.00033	U	0.0018	0.00033
74-97-5	Chlorobromomethane	0.00052	U	0.0018	0.00052
124-48-1	Chlorodibromomethane	0.00036	U	0.0018	0.00036
75-00-3	Chloroethane	0.00096	U	0.0018	0.00096
67-66-3	Chloroform	0.0018	U	0.0018	0.0018
74-87-3	Chloromethane	0.00080	U	0.0018	0.00080
156-59-2	cis-1,2-Dichloroethene	0.00066	U	0.0018	0.00066
10061-01-5	cis-1,3-Dichloropropene	0.00050	U	0.0018	0.00050
110-82-7	Cyclohexane	0.00041	U	0.0018	0.00041
75-27-4	Dichlorobromomethane	0.00047	U	0.0018	0.00047

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-15 (12-13) | Lab Sample ID: 460-255692-8

Matrix: Solid | Lab File ID: B85446.D

Analysis Method: 8260D | Date Collected: 04/05/2022 11:00

Sample wt/vol: 3.13(g) | Date Analyzed: 04/08/2022 21:59

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 13.1 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.00062	U	0.0018	0.00062
100-41-4	Ethylbenzene	0.00037	U	0.0018	0.00037
106-93-4	Ethylene Dibromide	0.00033	U	0.0018	0.00033
98-82-8	Isopropylbenzene	0.00052	U	0.0018	0.00052
79-20-9	Methyl acetate	0.0079	U	0.0092	0.0079
1634-04-4	Methyl tert-butyl ether	0.00094	U	0.0018	0.00094
108-87-2	Methylcyclohexane	0.00092	U	0.0018	0.00092
75-09-2	Methylene Chloride	0.0021	U	0.0037	0.0021
179601-23-1	m-Xylene & p-Xylene	0.00032	U	0.0018	0.00032
104-51-8	n-Butylbenzene	0.00054	U	0.0018	0.00054
103-65-1	N-Propylbenzene	0.00032	U	0.0018	0.00032
95-47-6	o-Xylene	0.00036	U	0.0018	0.00036
135-98-8	sec-Butylbenzene	0.00053	U	0.0018	0.00053
100-42-5	Styrene	0.00051	U	0.0018	0.00051
98-06-6	tert-Butylbenzene	0.00051	U	0.0018	0.00051
127-18-4	Tetrachloroethene	0.00056	U	0.0018	0.00056
108-88-3	Toluene	0.00043	U	0.0018	0.00043
156-60-5	trans-1,2-Dichloroethene	0.00045	U	0.0018	0.00045
10061-02-6	trans-1,3-Dichloropropene	0.00049	U	0.0018	0.00049
79-01-6	Trichloroethene	0.00059	U	0.0018	0.00059
75-69-4	Trichlorofluoromethane	0.00075	U	0.0018	0.00075
75-01-4	Vinyl chloride	0.0010	U	0.0018	0.0010
1330-20-7	Xylenes, Total	0.0012	U	0.0037	0.0012

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		77-145
460-00-4	4-Bromofluorobenzene	90		70-139
1868-53-7	Dibromofluoromethane (Surr)	105		48-150
2037-26-5	Toluene-d8 (Surr)	95		80-120

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

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-15 (12-13) | Lab Sample ID: 460-255692-8

Matrix: Solid | Lab File ID: B85446.D

Analysis Method: 8260D | Date Collected: 04/05/2022 11:00

Sample wt/vol: 3.13(g) | Date Analyzed: 04/08/2022 21:59

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 13.1 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85446.D
Lims ID: 460-255692-B-8-A
Client ID: SB-15 (12-13)
Sample Type: Client
Inject. Date: 08-Apr-2022 21:59:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-8-A
Misc. Info.: 460-0143790-018
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:53:23 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:04:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.264	1.252	0.012	84	14841	22.2	
* 29 TBA-d9 (IS)	65	1.544	1.532	0.012	0	314092	1000.0	
* 40 2-Butanone-d5	46	2.288	2.270	0.018	0	249227	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.697	0.000	95	109813	52.6	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.983	2.971	0.012	0	126472	51.1	
* 60 Fluorobenzene	96	3.318	3.306	0.012	97	423937	50.0	
* 69 1,4-Dioxane-d8	96	4.123	4.111	0.012	0	9703	1000.0	sMa
$ 79 Toluene-d8 (Surr)	98	5.288	5.281	0.007	98	338340	47.7	
85 Tetrachloroethene	166	6.214	6.208	0.006	78	452	0.2870	M
* 91 Chlorobenzene-d5	117	7.647	7.641	0.006	89	244436	50.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	88	77550	44.9	
* 117 1,4-Dichlorobenzene-d4	152	11.969	11.963	0.006	97	122845	50.0	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00227 Amount Added: 1.00 Units: uL Run Reagent

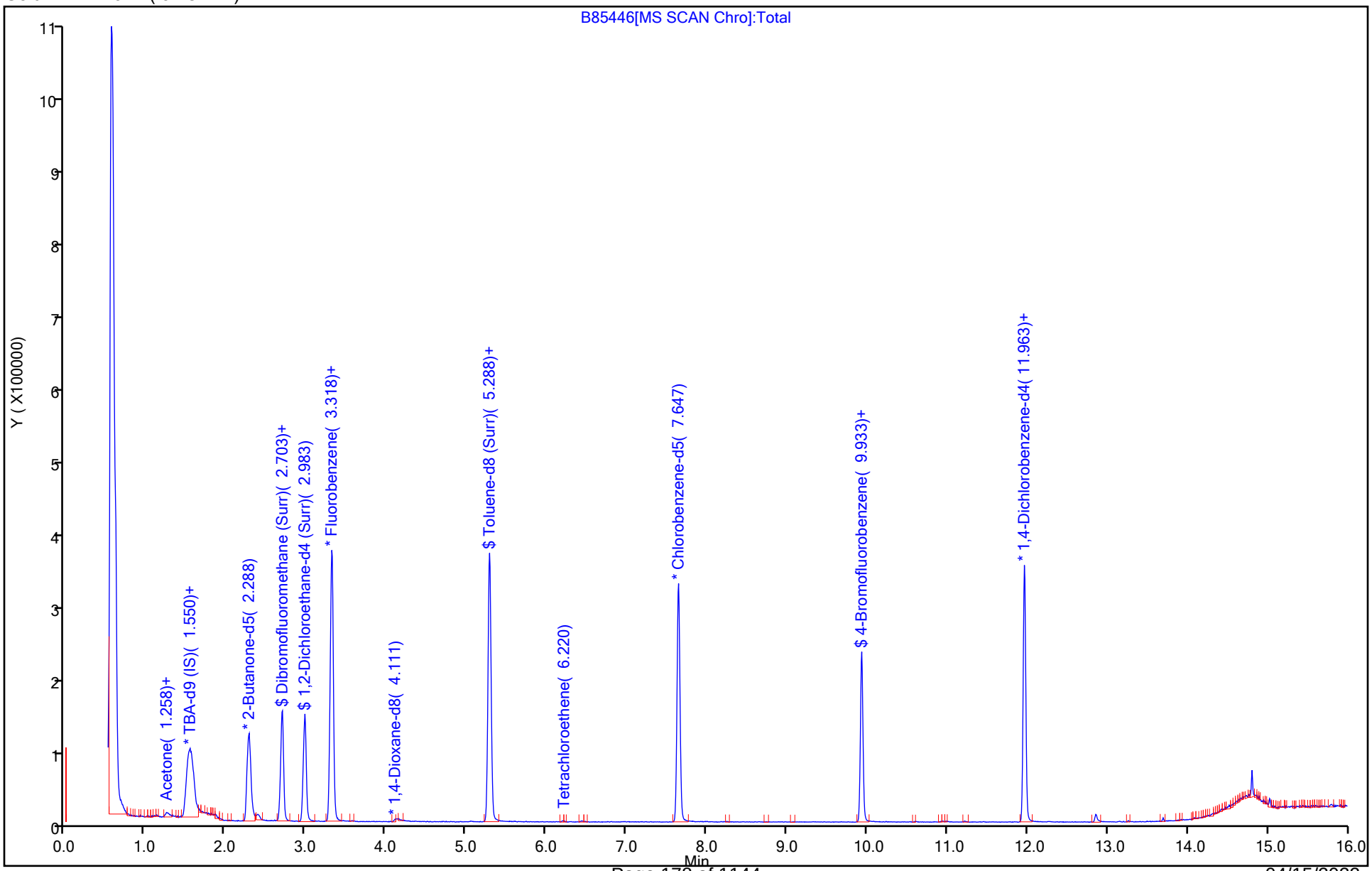
Report Date: 11-Apr-2022 10:53:23 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85446.D

Injection Date:	08-Apr-2022 21:59:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-255692-B-8-A	Lab Sample ID:	460-255692-8	Worklist Smp#:	18
Client ID:	SB-15 (12-13)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85446.D
Lims ID: 460-255692-B-8-A
Client ID: SB-15 (12-13)
Sample Type: Client
Inject. Date: 08-Apr-2022 21:59:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-8-A
Misc. Info.: 460-0143790-018
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:53:23 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:04:52

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	52.6	105.19
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	51.1	102.25
$ 79 Toluene-d8 (Surr)	50.0	47.7	95.50
$ 103 4-Bromofluorobenzene	50.0	44.9	89.72

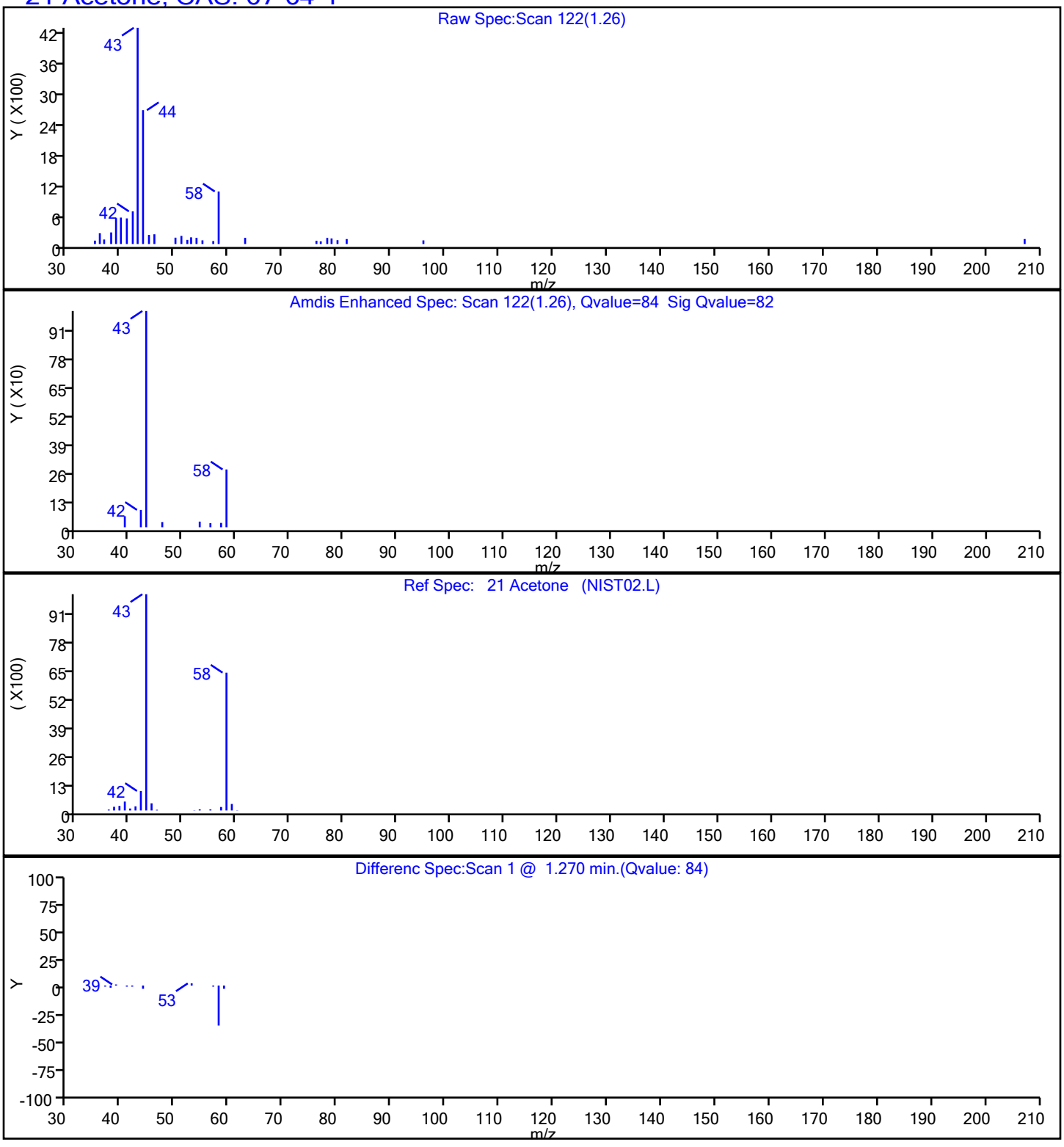
Report Date: 11-Apr-2022 10:53:23 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85446.D

Injection Date:	08-Apr-2022 21:59:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-8-A	Lab Sample ID:	460-255692-8		
Client ID:	SB-15 (12-13)				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

21 Acetone, CAS: 67-64-1



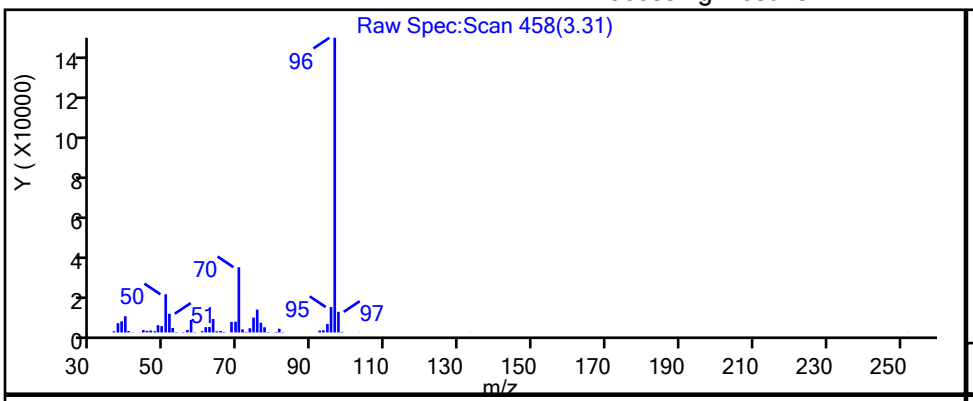
User Disabled Compound Report

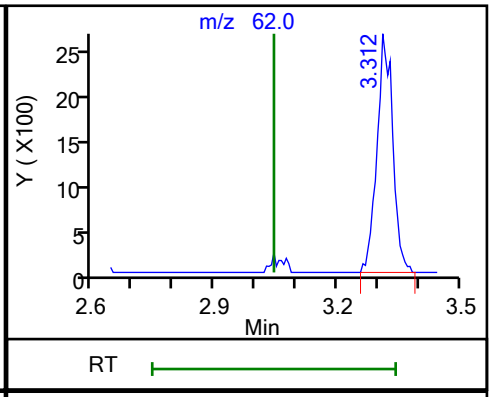
Eurofins Edison

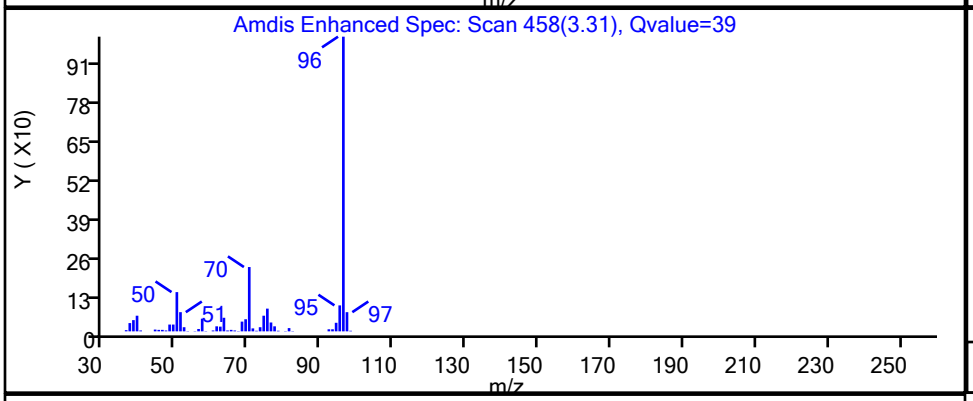
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85446.D				
Injection Date:	08-Apr-2022 21:59:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-8-A	Lab Sample ID:	460-255692-8		
Client ID:	SB-15 (12-13)				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

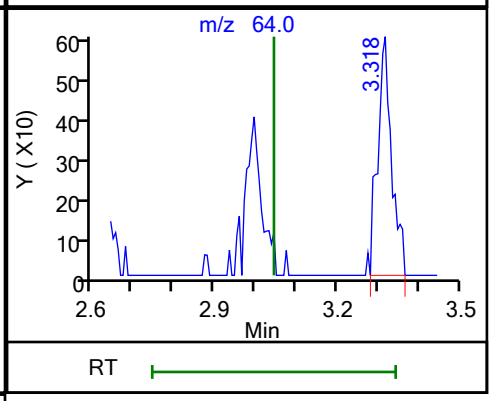
57 1,2-Dichloroethane, CAS: 107-06-2

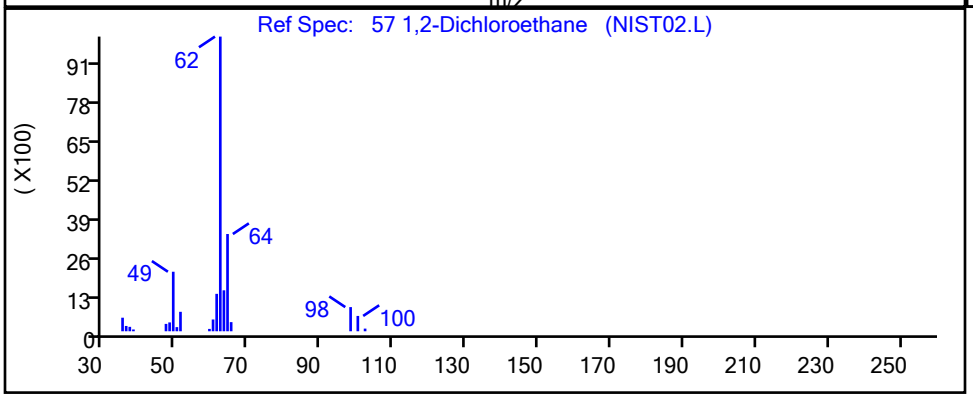
Processing Results











RT	Mass	Response	Amount
3.31	62.00	7044	2.526119
3.32	64.00	1432	

Reviewer: tupayachia, 09-Apr-2022 07:04:45

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85446.D

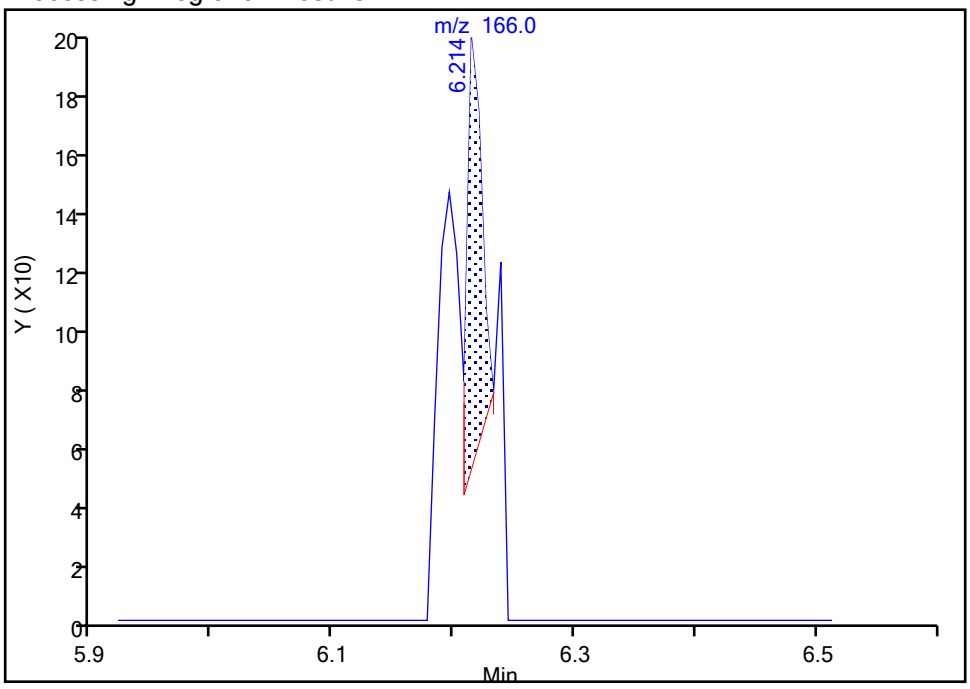
Injection Date:	08-Apr-2022 21:59:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-8-A	Lab Sample ID:	460-255692-8		
Client ID:	SB-15 (12-13)				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

85 Tetrachloroethene, CAS: 127-18-4

Signal: 1

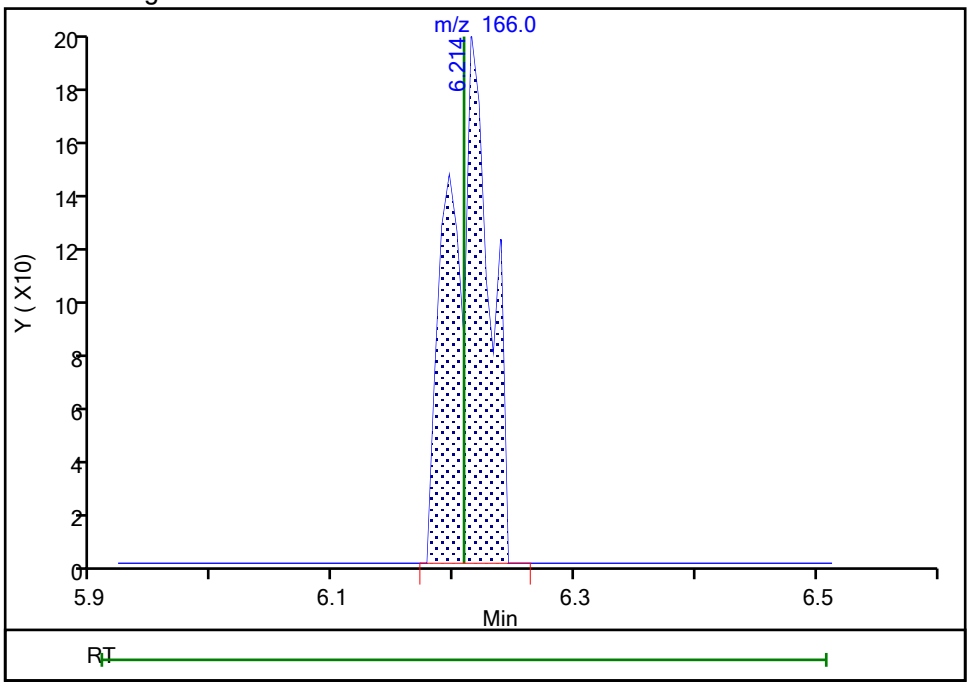
Processing Integration Results

RT: 6.21
Area: 124
Amount: 0.078735
Amount Units: ug/l



Manual Integration Results

RT: 6.21
Area: 452
Amount: 0.287000
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:53:11

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

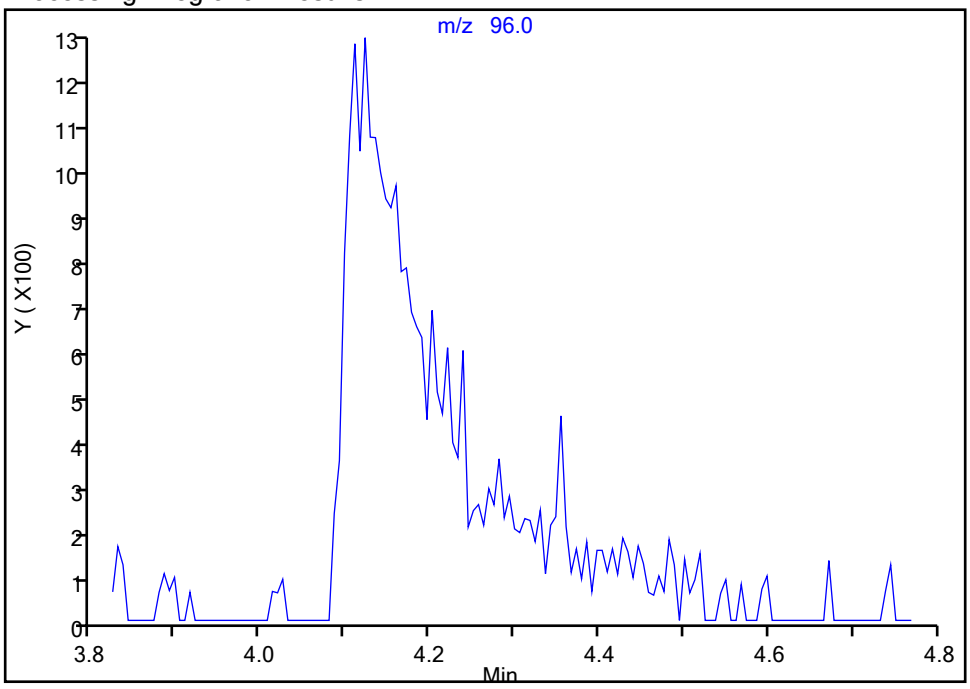
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85446.D				
Injection Date:	08-Apr-2022 21:59:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-8-A	Lab Sample ID:	460-255692-8		
Client ID:	SB-15 (12-13)				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

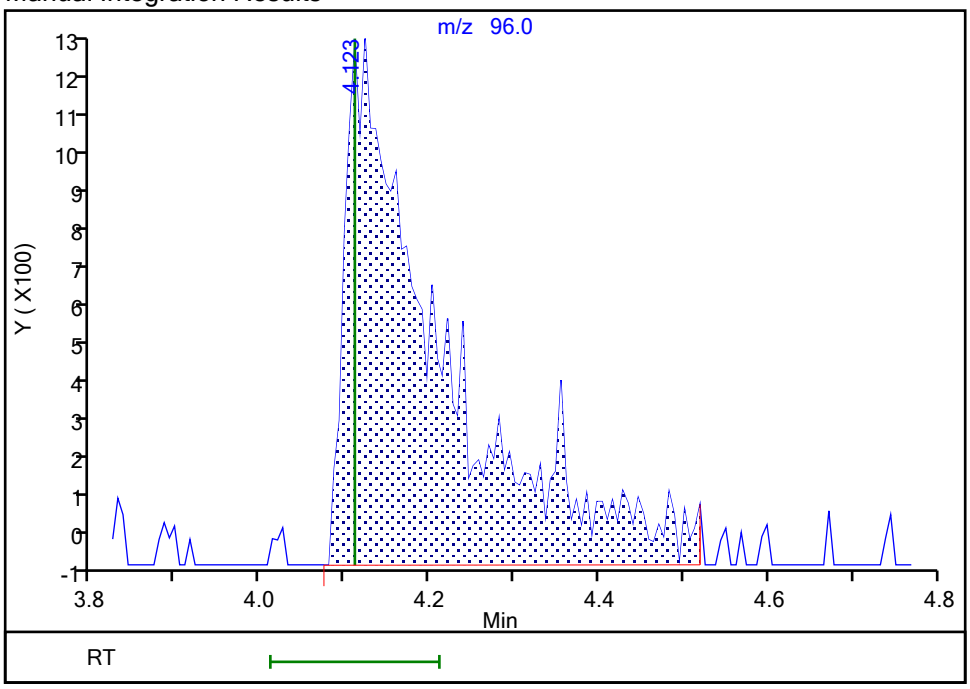
Not Detected
Expected RT: 4.11

Processing Integration Results



Manual Integration Results

RT: 4.12
Area: 9703
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:52:44
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: DUP | Lab Sample ID: 460-255692-9

Matrix: Solid | Lab File ID: B85447.D

Analysis Method: 8260D | Date Collected: 04/05/2022 00:00

Sample wt/vol: 5.32(g) | Date Analyzed: 04/08/2022 22:22

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 14.7 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00026	U	0.0011	0.00026
79-34-5	1,1,2,2-Tetrachloroethane	0.00024	U	0.0011	0.00024
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00033	U *+	0.0011	0.00033
79-00-5	1,1,2-Trichloroethane	0.00020	U	0.0011	0.00020
75-34-3	1,1-Dichloroethane	0.00023	U	0.0011	0.00023
75-35-4	1,1-Dichloroethene	0.00025	U *+	0.0011	0.00025
87-61-6	1,2,3-Trichlorobenzene	0.00020	U	0.0011	0.00020
120-82-1	1,2,4-Trichlorobenzene	0.00039	U	0.0011	0.00039
95-63-6	1,2,4-Trimethylbenzene	0.00027	U	0.0011	0.00027
96-12-8	1,2-Dibromo-3-Chloropropane	0.00051	U	0.0011	0.00051
95-50-1	1,2-Dichlorobenzene	0.00040	U	0.0011	0.00040
107-06-2	1,2-Dichloroethane	0.00033	U	0.0011	0.00033
78-87-5	1,2-Dichloropropane	0.00047	U	0.0011	0.00047
108-67-8	1,3,5-Trimethylbenzene	0.00035	U	0.0011	0.00035
541-73-1	1,3-Dichlorobenzene	0.00040	U	0.0011	0.00040
106-46-7	1,4-Dichlorobenzene	0.00025	U	0.0011	0.00025
78-93-3	2-Butanone (MEK)	0.00041	U	0.0055	0.00041
591-78-6	2-Hexanone	0.0019	U	0.0055	0.0019
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0017	U	0.0055	0.0017
67-64-1	Acetone	0.0078		0.0066	0.0063
71-43-2	Benzene	0.00028	U	0.0011	0.00028
75-25-2	Bromoform	0.00047	U	0.0011	0.00047
74-83-9	Bromomethane	0.0011	U	0.0022	0.0011
75-15-0	Carbon disulfide	0.00029	U	0.0011	0.00029
56-23-5	Carbon tetrachloride	0.00043	U	0.0011	0.00043
108-90-7	Chlorobenzene	0.00020	U	0.0011	0.00020
74-97-5	Chlorobromomethane	0.00031	U	0.0011	0.00031
124-48-1	Chlorodibromomethane	0.00021	U	0.0011	0.00021
75-00-3	Chloroethane	0.00058	U	0.0011	0.00058
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
74-87-3	Chloromethane	0.00048	U	0.0011	0.00048
156-59-2	cis-1,2-Dichloroethene	0.00039	U	0.0011	0.00039
10061-01-5	cis-1,3-Dichloropropene	0.00030	U	0.0011	0.00030
110-82-7	Cyclohexane	0.00024	U	0.0011	0.00024
75-27-4	Dichlorobromomethane	0.00028	U	0.0011	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: DUP | Lab Sample ID: 460-255692-9

Matrix: Solid | Lab File ID: B85447.D

Analysis Method: 8260D | Date Collected: 04/05/2022 00:00

Sample wt/vol: 5.32(g) | Date Analyzed: 04/08/2022 22:22

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 14.7 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.00037	U	0.0011	0.00037
100-41-4	Ethylbenzene	0.00022	U	0.0011	0.00022
106-93-4	Ethylene Dibromide	0.00020	U	0.0011	0.00020
98-82-8	Isopropylbenzene	0.00031	U	0.0011	0.00031
79-20-9	Methyl acetate	0.0047	U	0.0055	0.0047
1634-04-4	Methyl tert-butyl ether	0.00056	U	0.0011	0.00056
108-87-2	Methylcyclohexane	0.00055	U	0.0011	0.00055
75-09-2	Methylene Chloride	0.0013	U	0.0022	0.0013
179601-23-1	m-Xylene & p-Xylene	0.00019	U	0.0011	0.00019
104-51-8	n-Butylbenzene	0.00032	U	0.0011	0.00032
103-65-1	N-Propylbenzene	0.00019	U	0.0011	0.00019
95-47-6	o-Xylene	0.00021	U	0.0011	0.00021
135-98-8	sec-Butylbenzene	0.00032	U	0.0011	0.00032
100-42-5	Styrene	0.00031	U	0.0011	0.00031
98-06-6	tert-Butylbenzene	0.00030	U	0.0011	0.00030
127-18-4	Tetrachloroethene	0.0048		0.0011	0.00034
108-88-3	Toluene	0.00026	U	0.0011	0.00026
156-60-5	trans-1,2-Dichloroethene	0.00027	U	0.0011	0.00027
10061-02-6	trans-1,3-Dichloropropene	0.00029	U	0.0011	0.00029
79-01-6	Trichloroethene	0.00035	U	0.0011	0.00035
75-69-4	Trichlorofluoromethane	0.00045	U	0.0011	0.00045
75-01-4	Vinyl chloride	0.00060	U	0.0011	0.00060
1330-20-7	Xylenes, Total	0.00071	U	0.0022	0.00071

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-145
460-00-4	4-Bromofluorobenzene	99		70-139
1868-53-7	Dibromofluoromethane (Surr)	107		48-150
2037-26-5	Toluene-d8 (Surr)	92		80-120

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

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: DUP | Lab Sample ID: 460-255692-9

Matrix: Solid | Lab File ID: B85447.D

Analysis Method: 8260D | Date Collected: 04/05/2022 00:00

Sample wt/vol: 5.32(g) | Date Analyzed: 04/08/2022 22:22

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 14.7 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85447.D
Lims ID: 460-255692-B-9-A
Client ID: DUP
Sample Type: Client
Inject. Date: 08-Apr-2022 22:22:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-9-A
Misc. Info.: 460-0143790-019
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:53:23 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:05:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.264	1.252	0.012	87	4950	7.08	
* 29 TBA-d9 (IS)	65	1.538	1.532	0.006	0	338802	1000.0	
* 40 2-Butanone-d5	46	2.282	2.270	0.012	0	260681	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.696	2.697	-0.001	96	117798	53.6	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.983	2.971	0.012	0	135879	52.2	
* 60 Fluorobenzene	96	3.318	3.306	0.012	97	446402	50.0	
* 69 1,4-Dioxane-d8	96	4.117	4.111	0.006	0	11409	1000.0	M
$ 79 Toluene-d8 (Surr)	98	5.287	5.281	0.006	98	375120	45.9	
85 Tetrachloroethene	166	6.214	6.208	0.006	95	7827	4.31	
* 91 Chlorobenzene-d5	117	7.647	7.641	0.006	90	281751	50.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	89	92466	49.5	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	97	132799	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

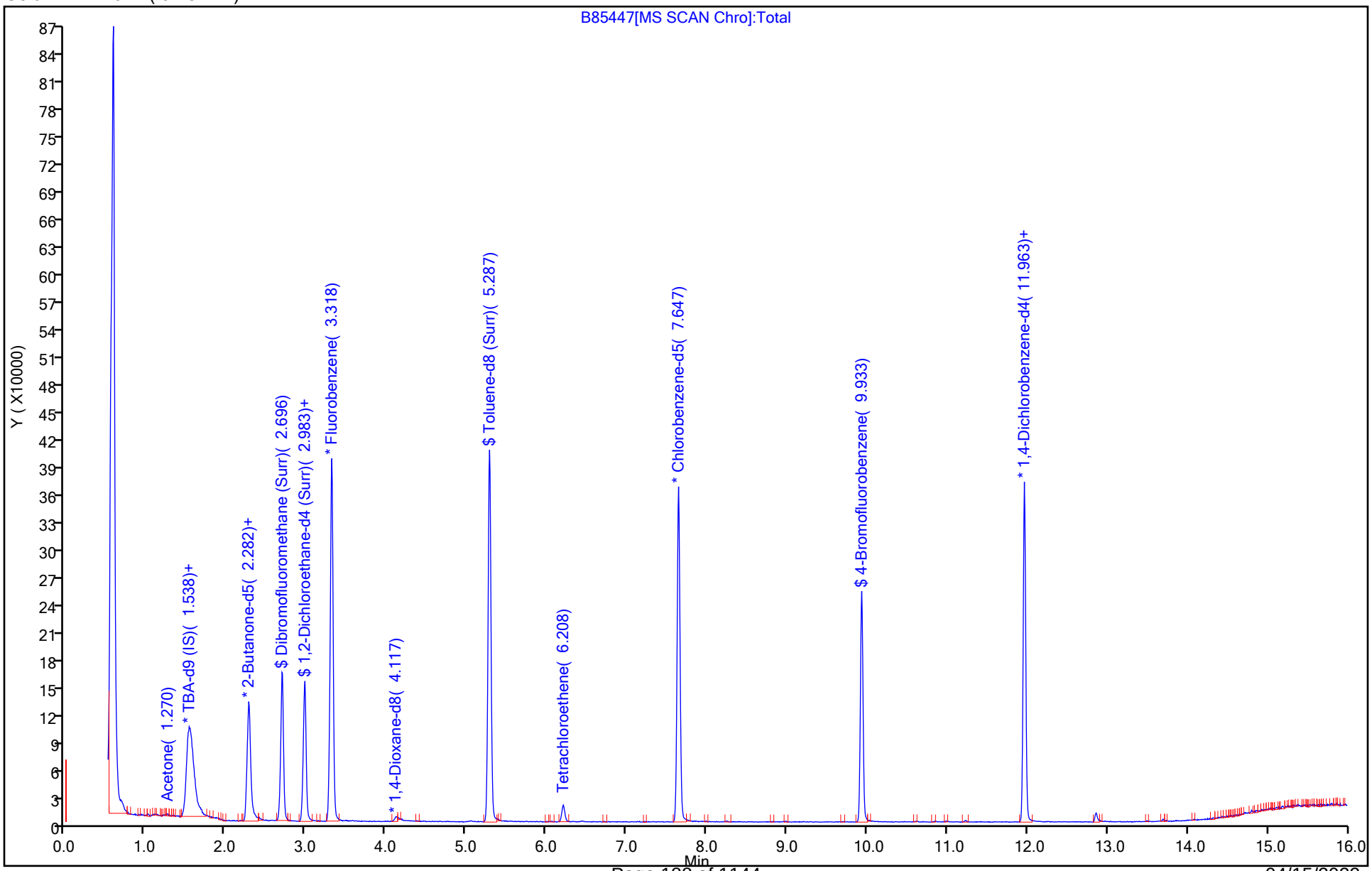
Report Date: 11-Apr-2022 10:53:44 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85447.D

Injection Date:	08-Apr-2022 22:22:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-255692-B-9-A	Lab Sample ID:	460-255692-9	Worklist Smp#:	19
Client ID:	DUP				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85447.D
Lims ID: 460-255692-B-9-A
Client ID: DUP
Sample Type: Client
Inject. Date: 08-Apr-2022 22:22:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-9-A
Misc. Info.: 460-0143790-019
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:53:23 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:05:39

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	53.6	107.16
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	52.2	104.33
$ 79 Toluene-d8 (Surr)	50.0	45.9	91.86
$ 103 4-Bromofluorobenzene	50.0	49.5	98.96

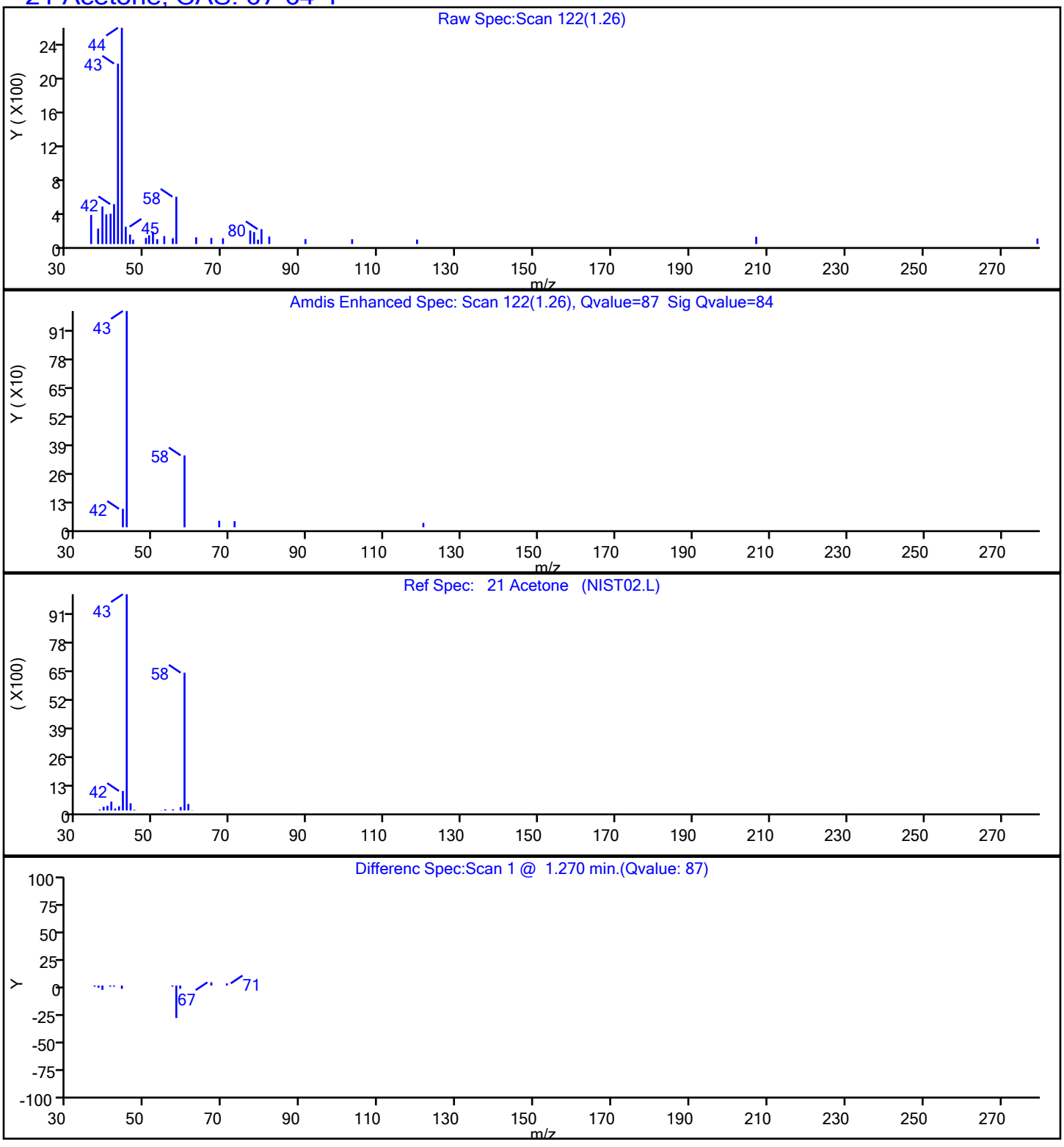
Report Date: 11-Apr-2022 10:53:45 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85447.D

Injection Date:	08-Apr-2022 22:22:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-9-A	Lab Sample ID:	460-255692-9		
Client ID:	DUP				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

21 Acetone, CAS: 67-64-1



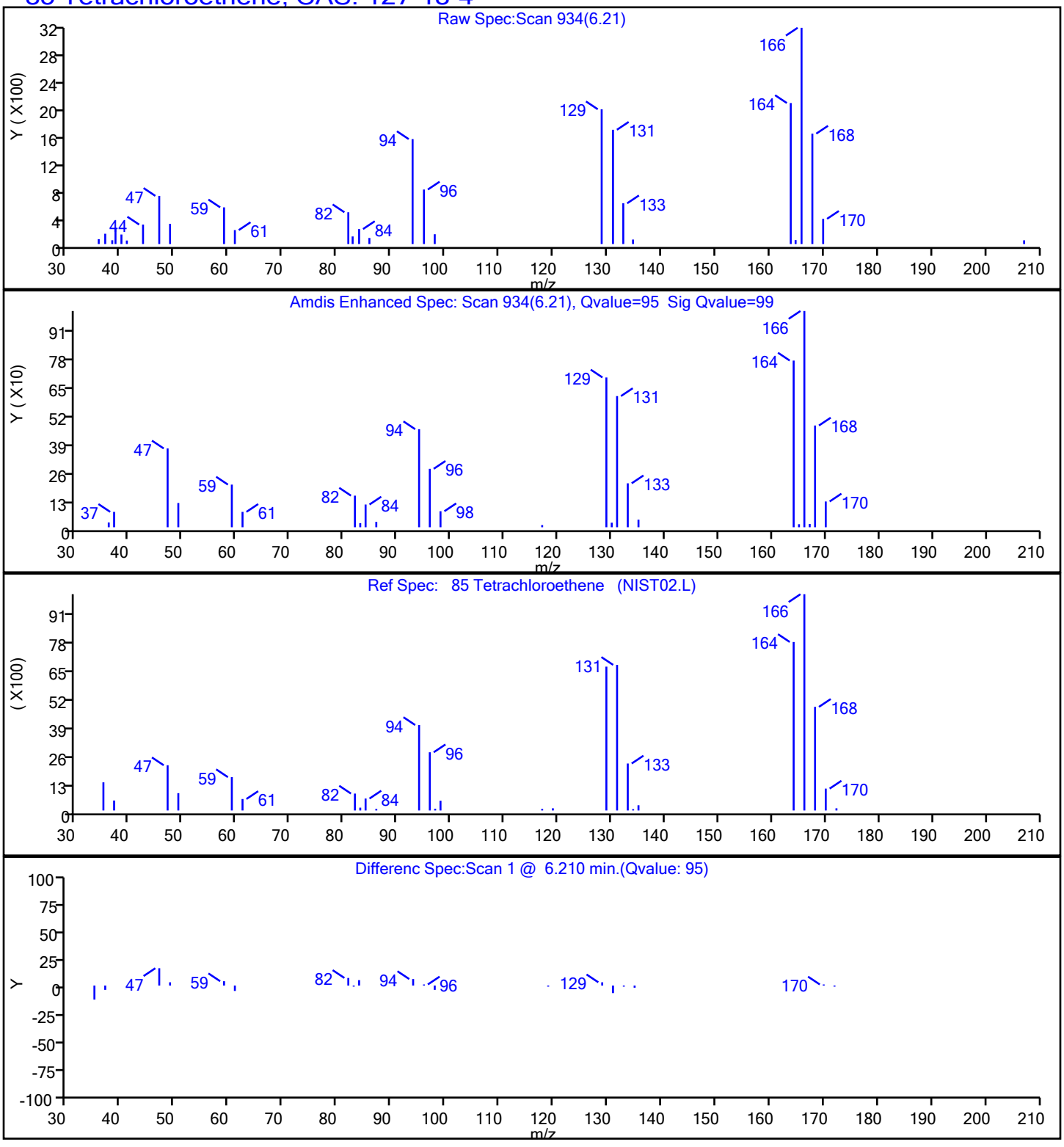
Report Date: 11-Apr-2022 10:53:45 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85447.D

Injection Date:	08-Apr-2022 22:22:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-9-A	Lab Sample ID:	460-255692-9		
Client ID:	DUP				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

85 Tetrachloroethene, CAS: 127-18-4



Manual Integration/User Assign Peak Report

Eurofins Edison

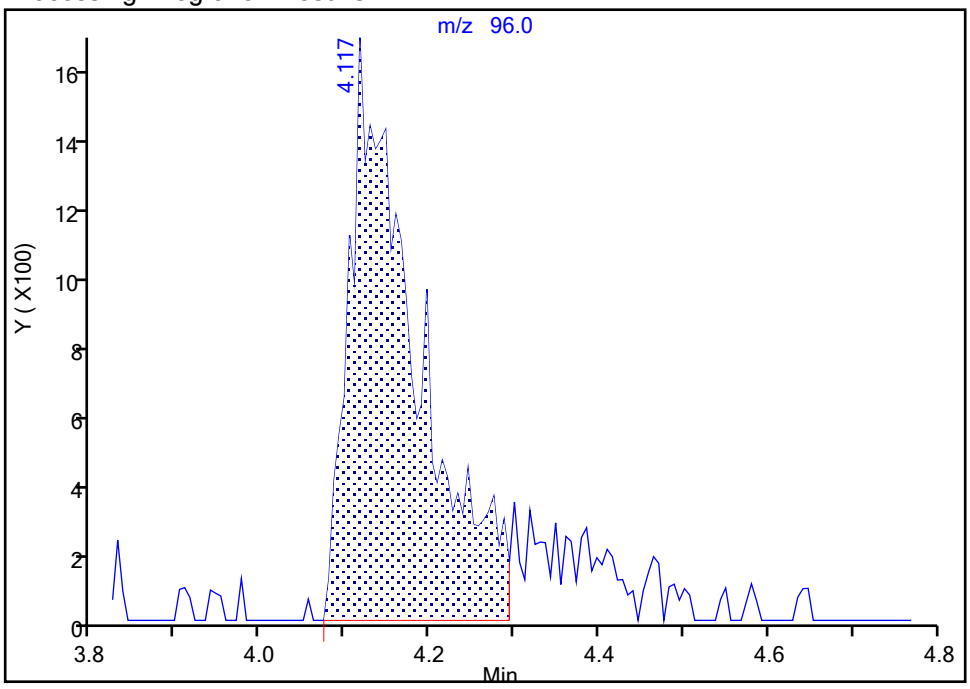
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85447.D
Injection Date: 08-Apr-2022 22:22:30 Instrument ID: CVOAMS2
Lims ID: 460-255692-B-9-A Lab Sample ID: 460-255692-9
Client ID: DUP
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

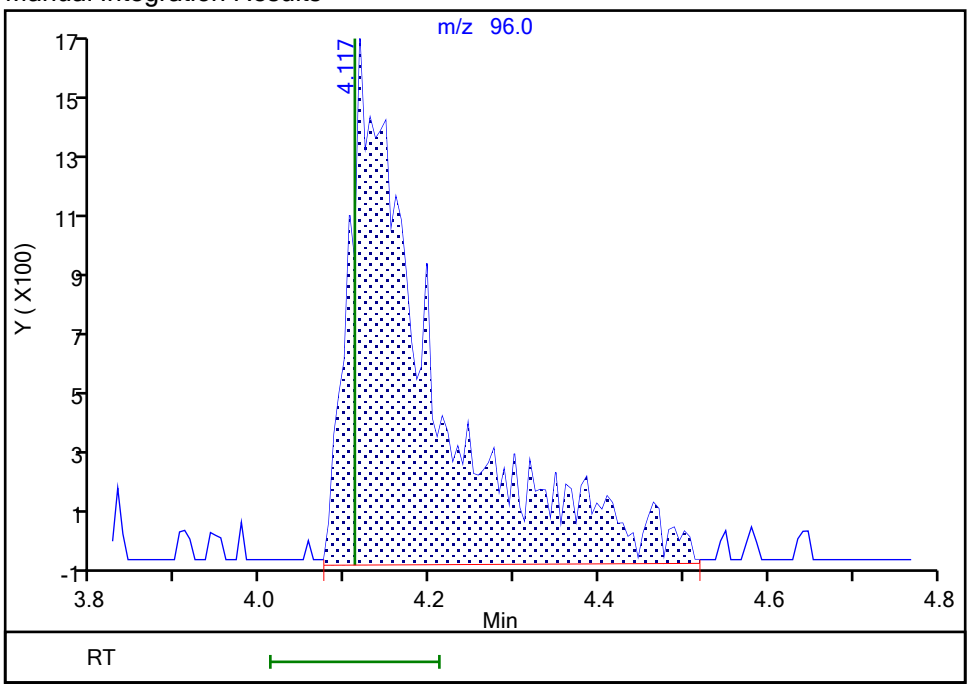
Processing Integration Results

RT: 4.12
Area: 9011
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.12
Area: 11409
Amount: 1000.0000
Amount Units: ug/l



Reviewer: tupayachia, 09-Apr-2022 07:05:10
Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-9 (4-5) | Lab Sample ID: 460-255692-10

Matrix: Solid | Lab File ID: B85448.D

Analysis Method: 8260D | Date Collected: 04/05/2022 11:15

Sample wt/vol: 3.76(g) | Date Analyzed: 04/08/2022 22:45

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 1.0 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00031	U	0.0013	0.00031
79-34-5	1,1,2,2-Tetrachloroethane	0.00029	U	0.0013	0.00029
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00040	U *+	0.0013	0.00040
79-00-5	1,1,2-Trichloroethane	0.00024	U	0.0013	0.00024
75-34-3	1,1-Dichloroethane	0.00028	U	0.0013	0.00028
75-35-4	1,1-Dichloroethene	0.00030	U *+	0.0013	0.00030
87-61-6	1,2,3-Trichlorobenzene	0.00024	U	0.0013	0.00024
120-82-1	1,2,4-Trichlorobenzene	0.00048	U	0.0013	0.00048
95-63-6	1,2,4-Trimethylbenzene	0.00033	U	0.0013	0.00033
96-12-8	1,2-Dibromo-3-Chloropropane	0.00062	U	0.0013	0.00062
95-50-1	1,2-Dichlorobenzene	0.00048	U	0.0013	0.00048
107-06-2	1,2-Dichloroethane	0.00040	U	0.0013	0.00040
78-87-5	1,2-Dichloropropane	0.00057	U	0.0013	0.00057
108-67-8	1,3,5-Trimethylbenzene	0.00042	U	0.0013	0.00042
541-73-1	1,3-Dichlorobenzene	0.00049	U	0.0013	0.00049
106-46-7	1,4-Dichlorobenzene	0.00030	U	0.0013	0.00030
78-93-3	2-Butanone (MEK)	0.00049	U	0.0067	0.00049
591-78-6	2-Hexanone	0.0023	U	0.0067	0.0023
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0021	U	0.0067	0.0021
67-64-1	Acetone	0.030		0.0081	0.0077
71-43-2	Benzene	0.00035	U	0.0013	0.00035
75-25-2	Bromoform	0.00057	U	0.0013	0.00057
74-83-9	Bromomethane	0.0013	U	0.0027	0.0013
75-15-0	Carbon disulfide	0.00036	U	0.0013	0.00036
56-23-5	Carbon tetrachloride	0.00052	U	0.0013	0.00052
108-90-7	Chlorobenzene	0.00024	U	0.0013	0.00024
74-97-5	Chlorobromomethane	0.00038	U	0.0013	0.00038
124-48-1	Chlorodibromomethane	0.00026	U	0.0013	0.00026
75-00-3	Chloroethane	0.00070	U	0.0013	0.00070
67-66-3	Chloroform	0.0013	U	0.0013	0.0013
74-87-3	Chloromethane	0.00058	U	0.0013	0.00058
156-59-2	cis-1,2-Dichloroethene	0.00048	U	0.0013	0.00048
10061-01-5	cis-1,3-Dichloropropene	0.00037	U	0.0013	0.00037
110-82-7	Cyclohexane	0.00030	U	0.0013	0.00030
75-27-4	Dichlorobromomethane	0.00035	U	0.0013	0.00035

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-9 (4-5) | Lab Sample ID: 460-255692-10

Matrix: Solid | Lab File ID: B85448.D

Analysis Method: 8260D | Date Collected: 04/05/2022 11:15

Sample wt/vol: 3.76(g) | Date Analyzed: 04/08/2022 22:45

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 1.0 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.00045	U	0.0013	0.00045
100-41-4	Ethylbenzene	0.00027	U	0.0013	0.00027
106-93-4	Ethylene Dibromide	0.00024	U	0.0013	0.00024
98-82-8	Isopropylbenzene	0.00038	U	0.0013	0.00038
79-20-9	Methyl acetate	0.0058	U	0.0067	0.0058
1634-04-4	Methyl tert-butyl ether	0.00069	U	0.0013	0.00069
108-87-2	Methylcyclohexane	0.00067	U	0.0013	0.00067
75-09-2	Methylene Chloride	0.0015	U	0.0027	0.0015
179601-23-1	m-Xylene & p-Xylene	0.00023	U	0.0013	0.00023
104-51-8	n-Butylbenzene	0.00039	U	0.0013	0.00039
103-65-1	N-Propylbenzene	0.00024	U	0.0013	0.00024
95-47-6	o-Xylene	0.00026	U	0.0013	0.00026
135-98-8	sec-Butylbenzene	0.00039	U	0.0013	0.00039
100-42-5	Styrene	0.00037	U	0.0013	0.00037
98-06-6	tert-Butylbenzene	0.00037	U	0.0013	0.00037
127-18-4	Tetrachloroethene	0.00041	U	0.0013	0.00041
108-88-3	Toluene	0.00031	U	0.0013	0.00031
156-60-5	trans-1,2-Dichloroethene	0.00033	U	0.0013	0.00033
10061-02-6	trans-1,3-Dichloropropene	0.00036	U	0.0013	0.00036
79-01-6	Trichloroethene	0.00043	U	0.0013	0.00043
75-69-4	Trichlorofluoromethane	0.00055	U	0.0013	0.00055
75-01-4	Vinyl chloride	0.00073	U	0.0013	0.00073
1330-20-7	Xylenes, Total	0.00086	U	0.0027	0.00086

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		77-145
460-00-4	4-Bromofluorobenzene	100		70-139
1868-53-7	Dibromofluoromethane (Surr)	108		48-150
2037-26-5	Toluene-d8 (Surr)	95		80-120

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

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-9 (4-5) | Lab Sample ID: 460-255692-10

Matrix: Solid | Lab File ID: B85448.D

Analysis Method: 8260D | Date Collected: 04/05/2022 11:15

Sample wt/vol: 3.76(g) | Date Analyzed: 04/08/2022 22:45

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 1.0 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85448.D
Lims ID: 460-255692-B-10-A
Client ID: SB-9 (4-5)
Sample Type: Client
Inject. Date: 08-Apr-2022 22:45:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-10-A
Misc. Info.: 460-0143790-020
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:54:51 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:05:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.240	1.252	-0.012	86	14860	22.7	a
* 29 TBA-d9 (IS)	65	1.526	1.532	-0.006	0	322261	1000.0	
* 40 2-Butanone-d5	46	2.276	2.270	0.006	0	244464	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.691	2.697	-0.006	95	105953	54.1	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.971	2.971	0.000	0	122144	52.6	
* 60 Fluorobenzene	96	3.312	3.306	0.006	97	397604	50.0	
* 69 1,4-Dioxane-d8	96	4.129	4.111	0.018	0	11621	1000.0	M
$ 79 Toluene-d8 (Surr)	98	5.282	5.281	0.001	98	345593	47.3	
* 91 Chlorobenzene-d5	117	7.641	7.641	0.000	89	252243	50.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	91	83803	50.2	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	97	118631	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

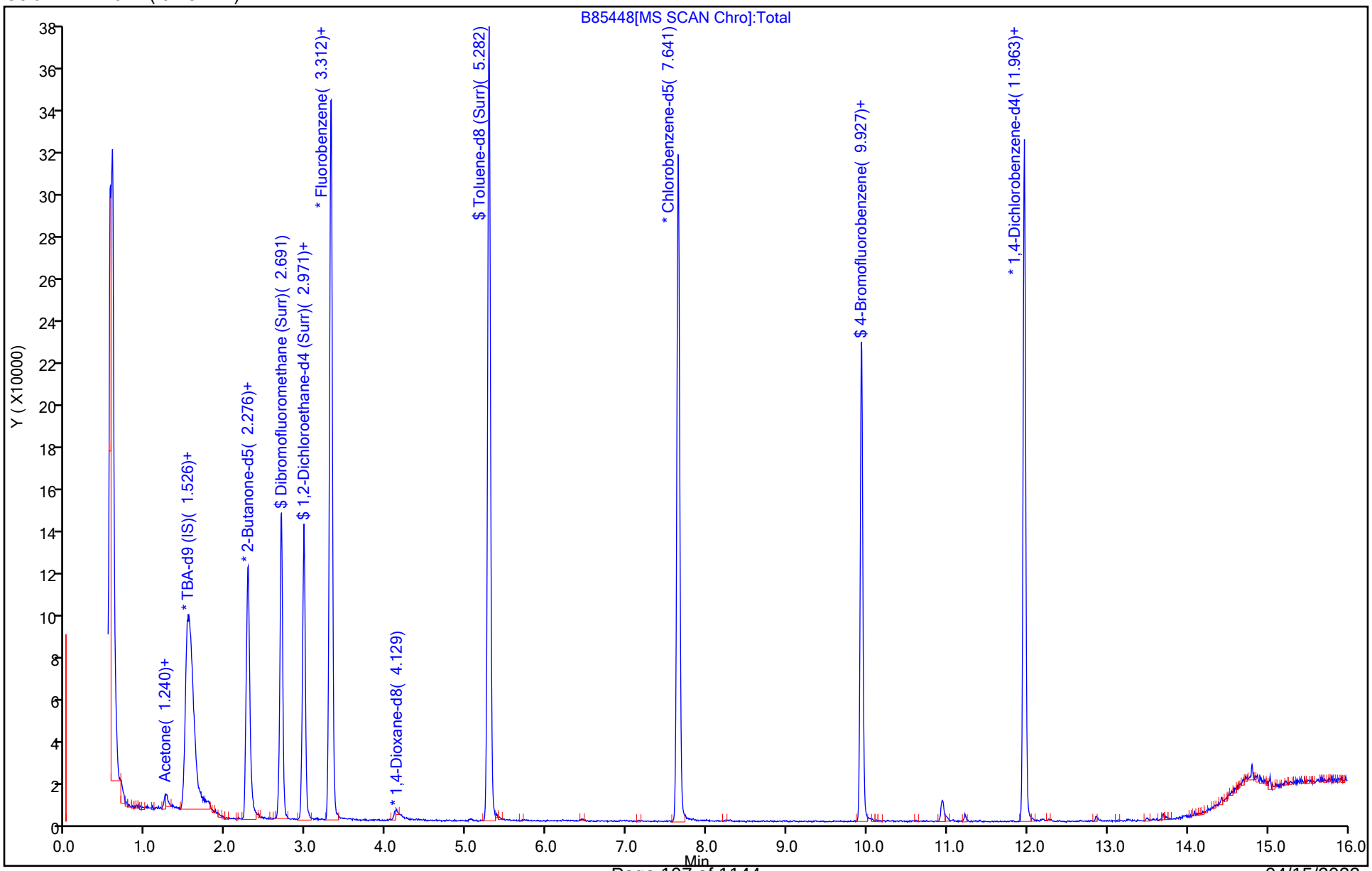
Report Date: 11-Apr-2022 10:54:52 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85448.D

Injection Date:	08-Apr-2022 22:45:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-255692-B-10-A	Lab Sample ID:	460-255692-10	Worklist Smp#:	20
Client ID:	SB-9 (4-5)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85448.D
Lims ID: 460-255692-B-10-A
Client ID: SB-9 (4-5)
Sample Type: Client
Inject. Date: 08-Apr-2022 22:45:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-10-A
Misc. Info.: 460-0143790-020
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:54:51 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:05:59

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	54.1	108.22
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	52.6	105.30
$ 79 Toluene-d8 (Surr)	50.0	47.3	94.52
$ 103 4-Bromofluorobenzene	50.0	50.2	100.40

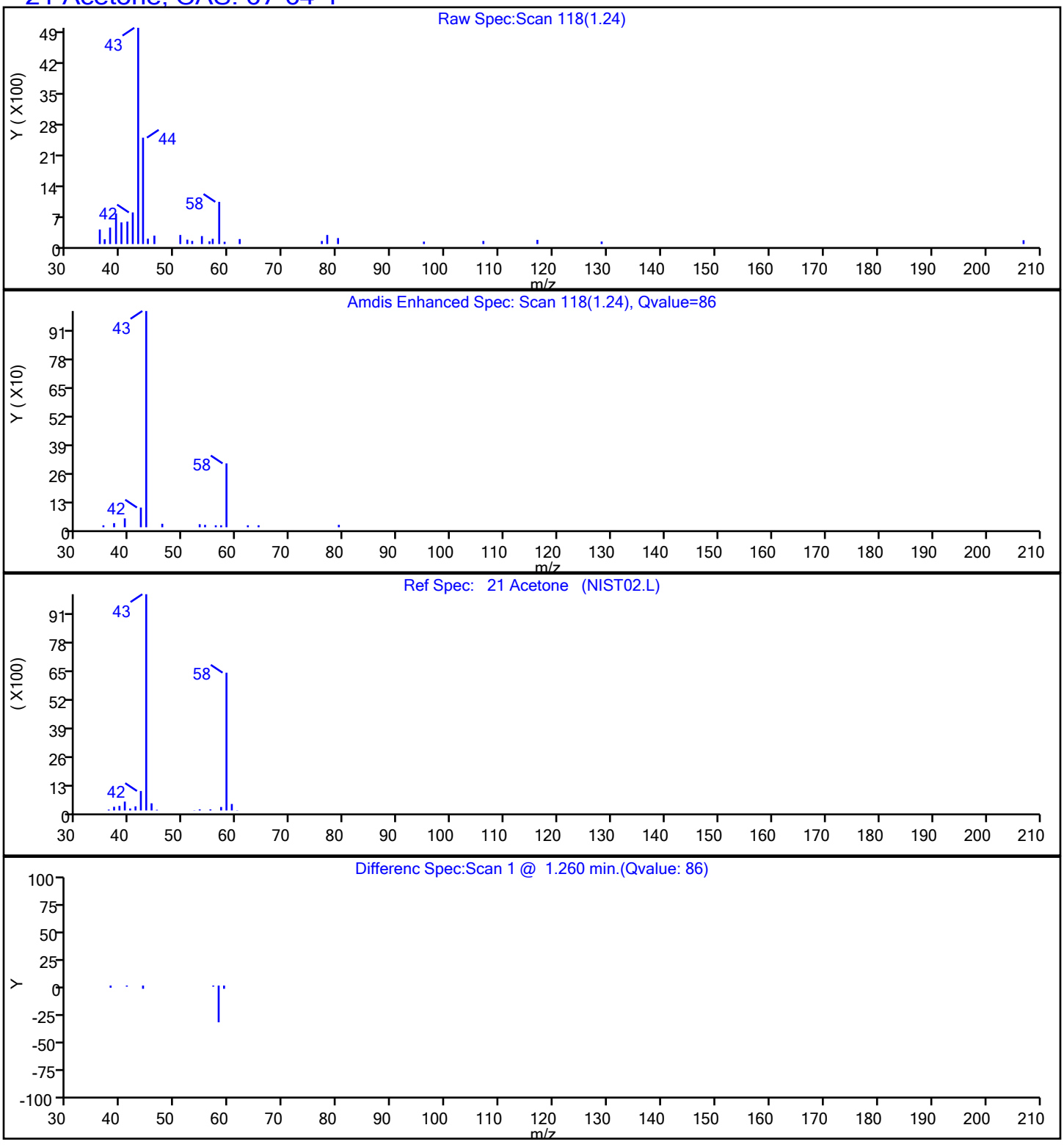
Report Date: 11-Apr-2022 10:54:52 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85448.D

Injection Date:	08-Apr-2022 22:45:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-10-A	Lab Sample ID:	460-255692-10
Client ID:	SB-9 (4-5)		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

21 Acetone, CAS: 67-64-1



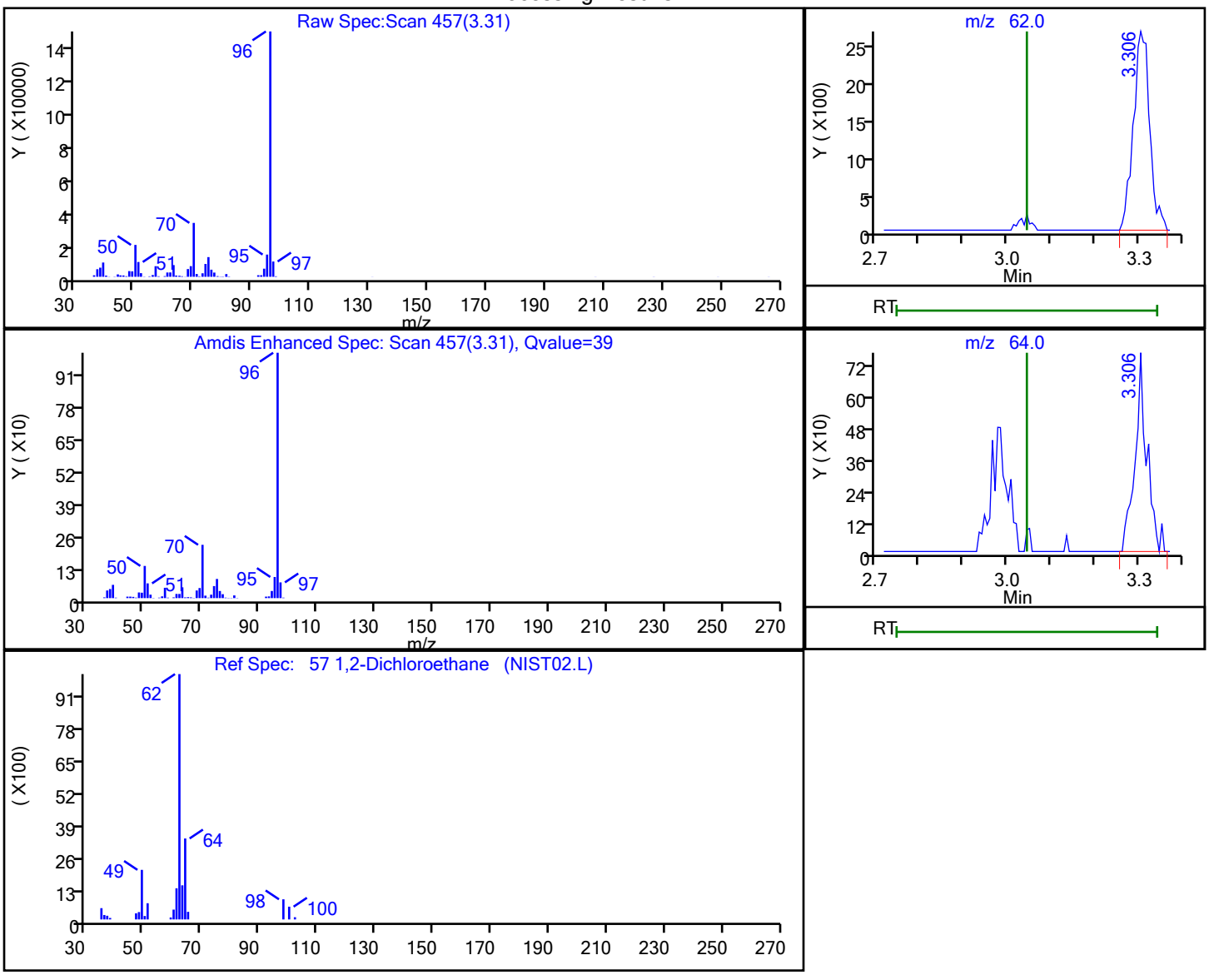
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85448.D				
Injection Date:	08-Apr-2022 22:45:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-10-A	Lab Sample ID:	460-255692-10		
Client ID:	SB-9 (4-5)				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

57 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
3.31	62.00	6918	2.645243
3.31	64.00	1461	

Reviewer: tupayachia, 09-Apr-2022 07:05:51

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

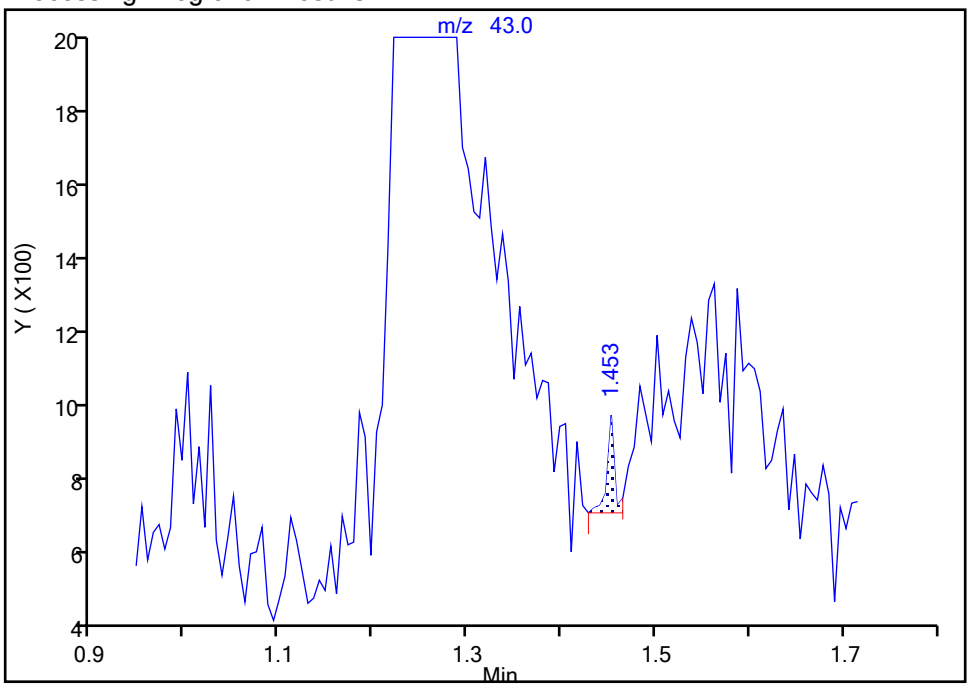
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85448.D
Injection Date: 08-Apr-2022 22:45:30 Instrument ID: CVOAMS2
Lims ID: 460-255692-B-10-A Lab Sample ID: 460-255692-10
Client ID: SB-9 (4-5)
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

21 Acetone, CAS: 67-64-1

Signal: 1

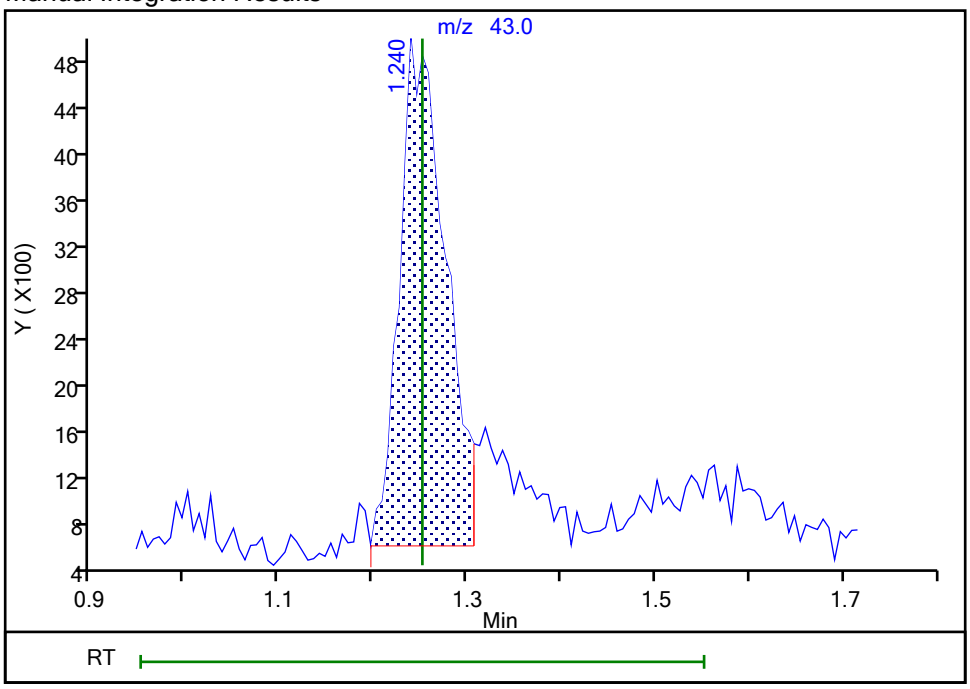
Processing Integration Results

RT: 1.45
Area: 142
Amount: 0.216671
Amount Units: ug/l



Manual Integration Results

RT: 1.24
Area: 14860
Amount: 22.674131
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:54:16
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

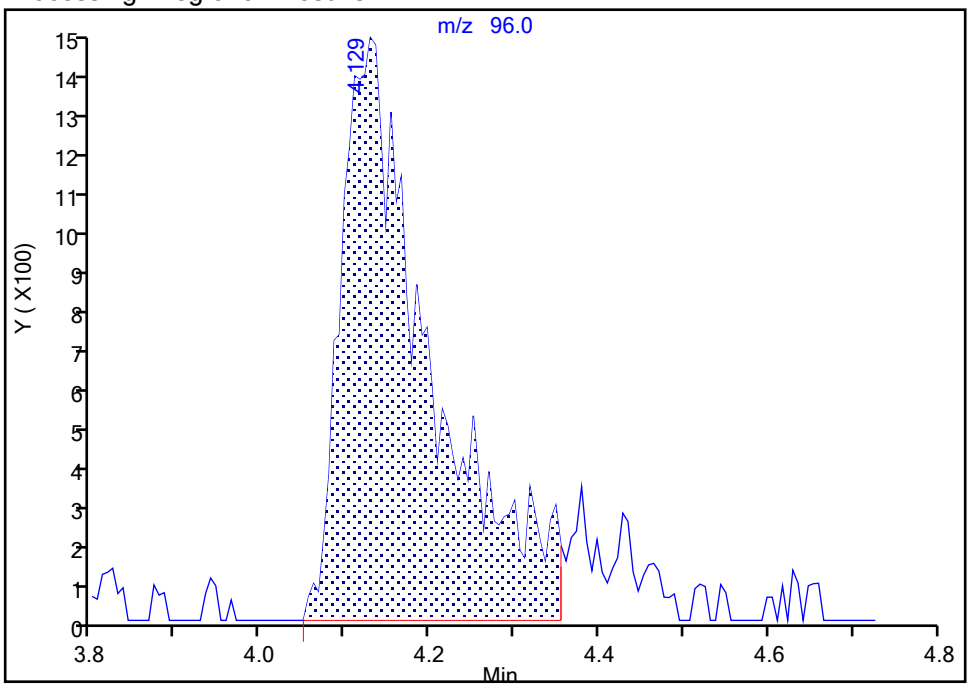
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85448.D		
Injection Date:	08-Apr-2022 22:45:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-10-A	Lab Sample ID:	460-255692-10
Client ID:	SB-9 (4-5)		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

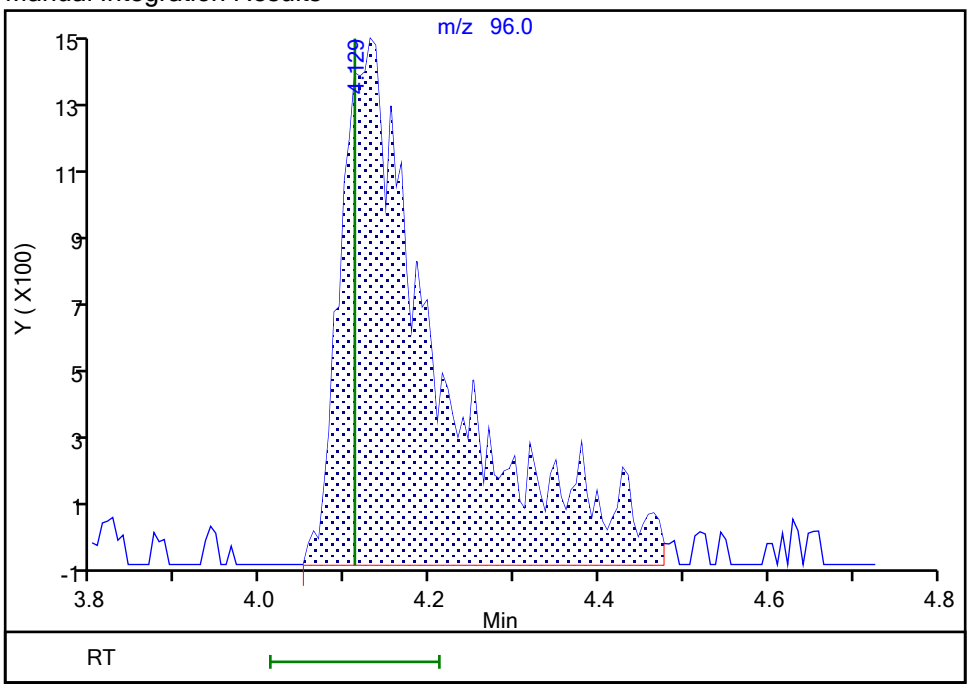
Processing Integration Results

RT: 4.13
Area: 10413
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.13
Area: 11621
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:54:09

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-9 (7-7.5) | Lab Sample ID: 460-255692-11

Matrix: Solid | Lab File ID: B85449.D

Analysis Method: 8260D | Date Collected: 04/05/2022 11:20

Sample wt/vol: 3.99(g) | Date Analyzed: 04/08/2022 23:06

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 2.5 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00030	U	0.0013	0.00030
79-34-5	1,1,2,2-Tetrachloroethane	0.00027	U	0.0013	0.00027
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00039	U *+	0.0013	0.00039
79-00-5	1,1,2-Trichloroethane	0.00023	U	0.0013	0.00023
75-34-3	1,1-Dichloroethane	0.00026	U	0.0013	0.00026
75-35-4	1,1-Dichloroethene	0.00029	U *+	0.0013	0.00029
87-61-6	1,2,3-Trichlorobenzene	0.00023	U	0.0013	0.00023
120-82-1	1,2,4-Trichlorobenzene	0.00046	U	0.0013	0.00046
95-63-6	1,2,4-Trimethylbenzene	0.00032	U	0.0013	0.00032
96-12-8	1,2-Dibromo-3-Chloropropane	0.00059	U	0.0013	0.00059
95-50-1	1,2-Dichlorobenzene	0.00046	U	0.0013	0.00046
107-06-2	1,2-Dichloroethane	0.00038	U	0.0013	0.00038
78-87-5	1,2-Dichloropropane	0.00054	U	0.0013	0.00054
108-67-8	1,3,5-Trimethylbenzene	0.00040	U	0.0013	0.00040
541-73-1	1,3-Dichlorobenzene	0.00047	U	0.0013	0.00047
106-46-7	1,4-Dichlorobenzene	0.00029	U	0.0013	0.00029
78-93-3	2-Butanone (MEK)	0.00047	U	0.0064	0.00047
591-78-6	2-Hexanone	0.0022	U	0.0064	0.0022
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0020	U	0.0064	0.0020
67-64-1	Acetone	0.033		0.0077	0.0073
71-43-2	Benzene	0.00033	U	0.0013	0.00033
75-25-2	Bromoform	0.00055	U	0.0013	0.00055
74-83-9	Bromomethane	0.0013	U	0.0026	0.0013
75-15-0	Carbon disulfide	0.00034	U	0.0013	0.00034
56-23-5	Carbon tetrachloride	0.00050	U	0.0013	0.00050
108-90-7	Chlorobenzene	0.00023	U	0.0013	0.00023
74-97-5	Chlorobromomethane	0.00036	U	0.0013	0.00036
124-48-1	Chlorodibromomethane	0.00025	U	0.0013	0.00025
75-00-3	Chloroethane	0.00067	U	0.0013	0.00067
67-66-3	Chloroform	0.0012	U	0.0013	0.0012
74-87-3	Chloromethane	0.00056	U	0.0013	0.00056
156-59-2	cis-1,2-Dichloroethene	0.00046	U	0.0013	0.00046
10061-01-5	cis-1,3-Dichloropropene	0.00035	U	0.0013	0.00035
110-82-7	Cyclohexane	0.00028	U	0.0013	0.00028
75-27-4	Dichlorobromomethane	0.00033	U	0.0013	0.00033

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-9 (7-7.5) | Lab Sample ID: 460-255692-11

Matrix: Solid | Lab File ID: B85449.D

Analysis Method: 8260D | Date Collected: 04/05/2022 11:20

Sample wt/vol: 3.99(g) | Date Analyzed: 04/08/2022 23:06

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 2.5 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.00043	U	0.0013	0.00043
100-41-4	Ethylbenzene	0.00026	U	0.0013	0.00026
106-93-4	Ethylene Dibromide	0.00023	U	0.0013	0.00023
98-82-8	Isopropylbenzene	0.00037	U	0.0013	0.00037
79-20-9	Methyl acetate	0.0055	U	0.0064	0.0055
1634-04-4	Methyl tert-butyl ether	0.00066	U	0.0013	0.00066
108-87-2	Methylcyclohexane	0.00064	U	0.0013	0.00064
75-09-2	Methylene Chloride	0.0015	U	0.0026	0.0015
179601-23-1	m-Xylene & p-Xylene	0.00022	U	0.0013	0.00022
104-51-8	n-Butylbenzene	0.00038	U	0.0013	0.00038
103-65-1	N-Propylbenzene	0.00022	U	0.0013	0.00022
95-47-6	o-Xylene	0.00025	U	0.0013	0.00025
135-98-8	sec-Butylbenzene	0.00037	U	0.0013	0.00037
100-42-5	Styrene	0.00036	U	0.0013	0.00036
98-06-6	tert-Butylbenzene	0.00035	U	0.0013	0.00035
127-18-4	Tetrachloroethene	0.00039	U	0.0013	0.00039
108-88-3	Toluene	0.00030	U	0.0013	0.00030
156-60-5	trans-1,2-Dichloroethene	0.00032	U	0.0013	0.00032
10061-02-6	trans-1,3-Dichloropropene	0.00034	U	0.0013	0.00034
79-01-6	Trichloroethene	0.00041	U	0.0013	0.00041
75-69-4	Trichlorofluoromethane	0.00052	U	0.0013	0.00052
75-01-4	Vinyl chloride	0.00070	U	0.0013	0.00070
1330-20-7	Xylenes, Total	0.00082	U	0.0026	0.00082

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		77-145
460-00-4	4-Bromofluorobenzene	94		70-139
1868-53-7	Dibromofluoromethane (Surr)	106		48-150
2037-26-5	Toluene-d8 (Surr)	95		80-120

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

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-9 (7-7.5) | Lab Sample ID: 460-255692-11

Matrix: Solid | Lab File ID: B85449.D

Analysis Method: 8260D | Date Collected: 04/05/2022 11:20

Sample wt/vol: 3.99(g) | Date Analyzed: 04/08/2022 23:06

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 2.5 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85449.D
Lims ID: 460-255692-B-11-A
Client ID: SB-9 (7-7.5)
Sample Type: Client
Inject. Date: 08-Apr-2022 23:06:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-11-A
Misc. Info.: 460-0143790-021
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:55:41 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:06:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.252	1.252	0.000	88	18119	25.9	
* 29 TBA-d9 (IS)	65	1.544	1.532	0.012	0	350430	1000.0	
* 40 2-Butanone-d5	46	2.282	2.270	0.012	0	260625	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.696	2.697	-0.001	95	104233	53.0	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.971	0.006	0	122461	52.5	
* 60 Fluorobenzene	96	3.318	3.306	0.012	98	399440	50.0	
* 69 1,4-Dioxane-d8	96	4.135	4.111	0.024	0	10361	1000.0	M
$ 79 Toluene-d8 (Surr)	98	5.281	5.281	0.000	98	328593	47.6	
85 Tetrachloroethene	166	6.196	6.208	-0.012	1	435	0.2838	M
* 91 Chlorobenzene-d5	117	7.641	7.641	0.000	90	237896	50.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	89	76375	46.9	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	97	115785	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

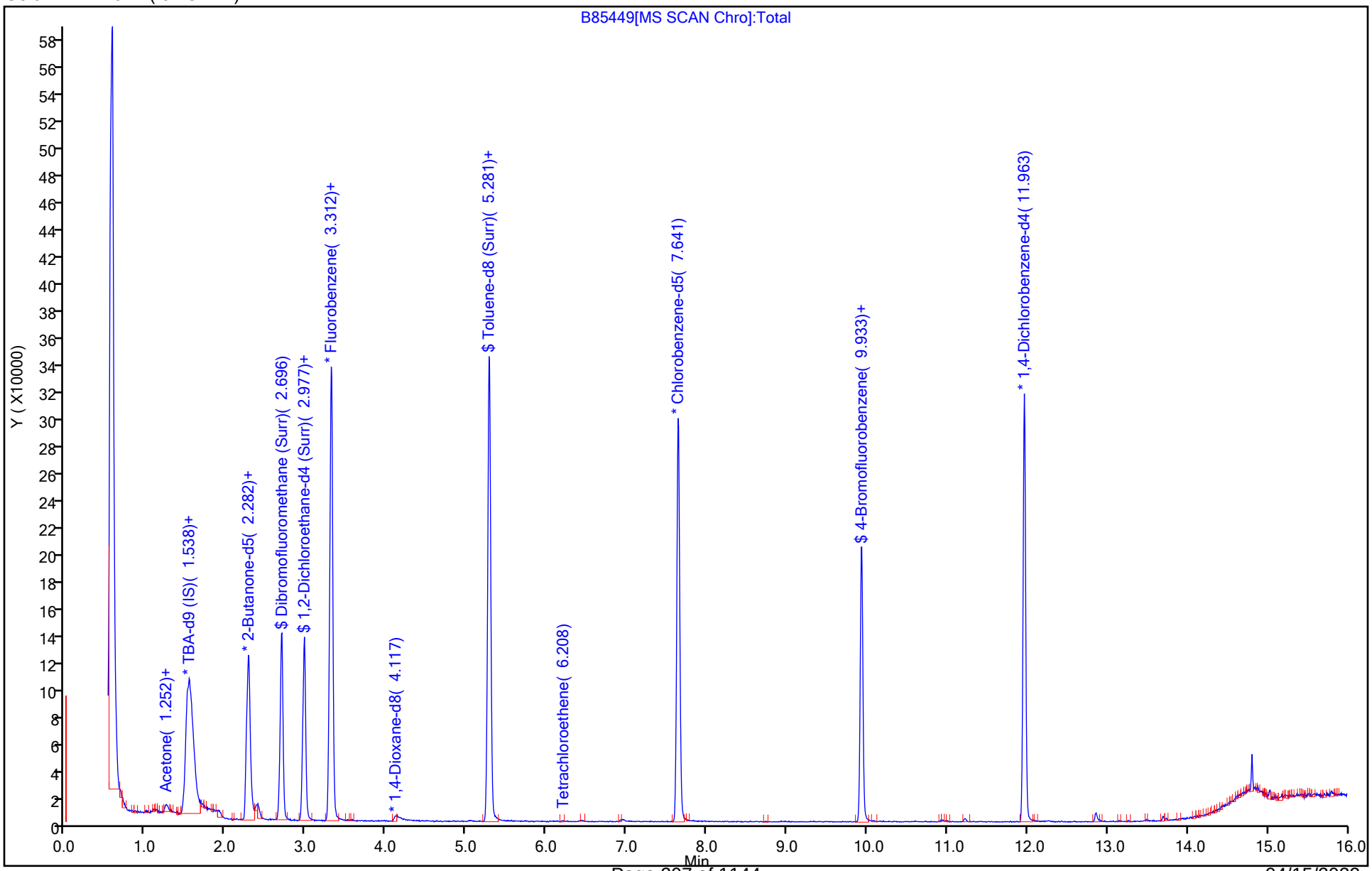
Report Date: 11-Apr-2022 10:55:42 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85449.D

Injection Date:	08-Apr-2022 23:06:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-255692-B-11-A	Lab Sample ID:	460-255692-11	Worklist Smp#:	21
Client ID:	SB-9 (7-7.5)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85449.D
Lims ID: 460-255692-B-11-A
Client ID: SB-9 (7-7.5)
Sample Type: Client
Inject. Date: 08-Apr-2022 23:06:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-11-A
Misc. Info.: 460-0143790-021
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:55:41 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:06:48

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	53.0	105.97
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	52.5	105.08
$ 79 Toluene-d8 (Surr)	50.0	47.6	95.30
$ 103 4-Bromofluorobenzene	50.0	46.9	93.75

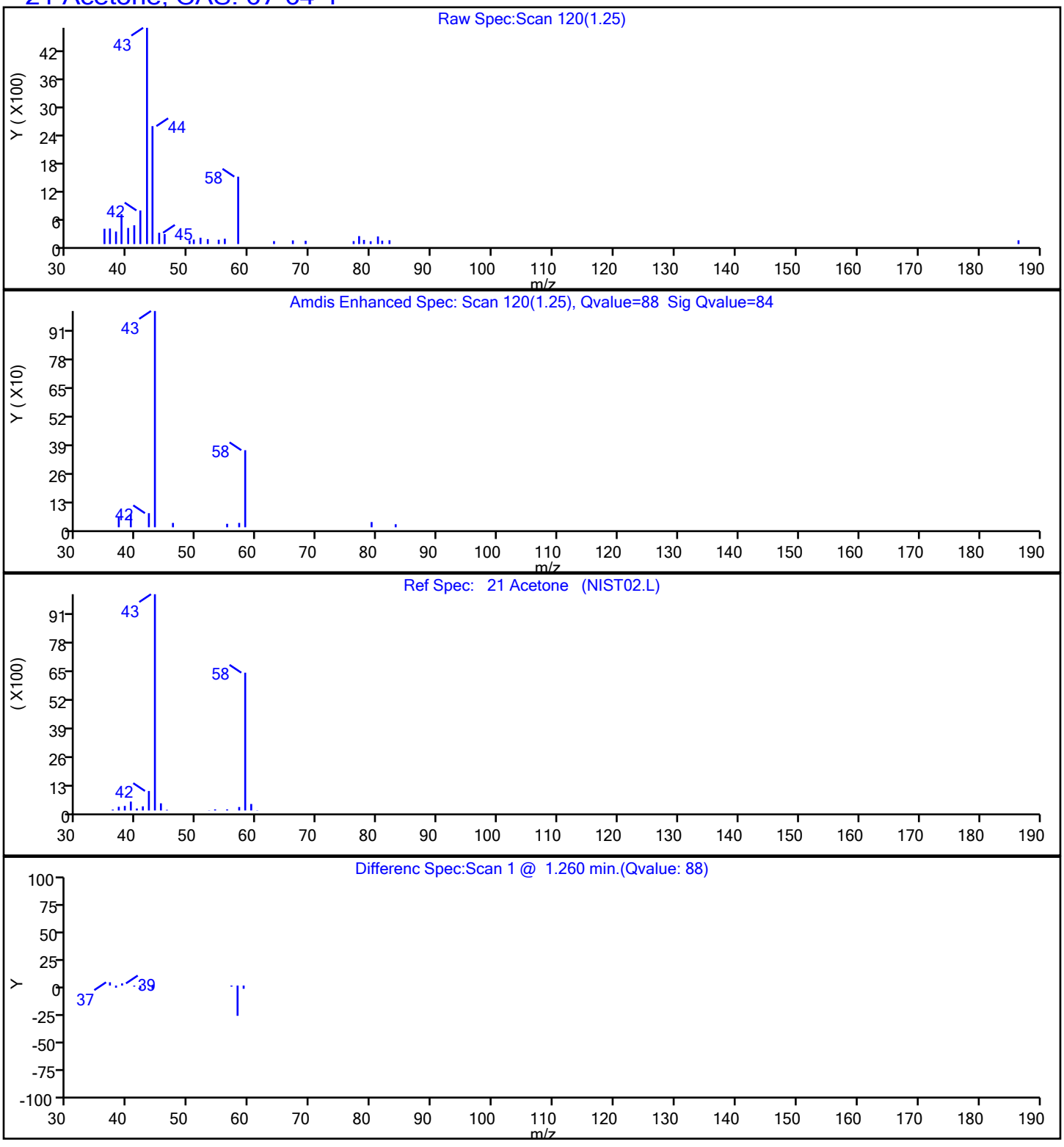
Report Date: 11-Apr-2022 10:55:42 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85449.D

Injection Date:	08-Apr-2022 23:06:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-11-A	Lab Sample ID:	460-255692-11
Client ID:	SB-9 (7-7.5)		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

21 Acetone, CAS: 67-64-1



Manual Integration/User Assign Peak Report

Eurofins Edison

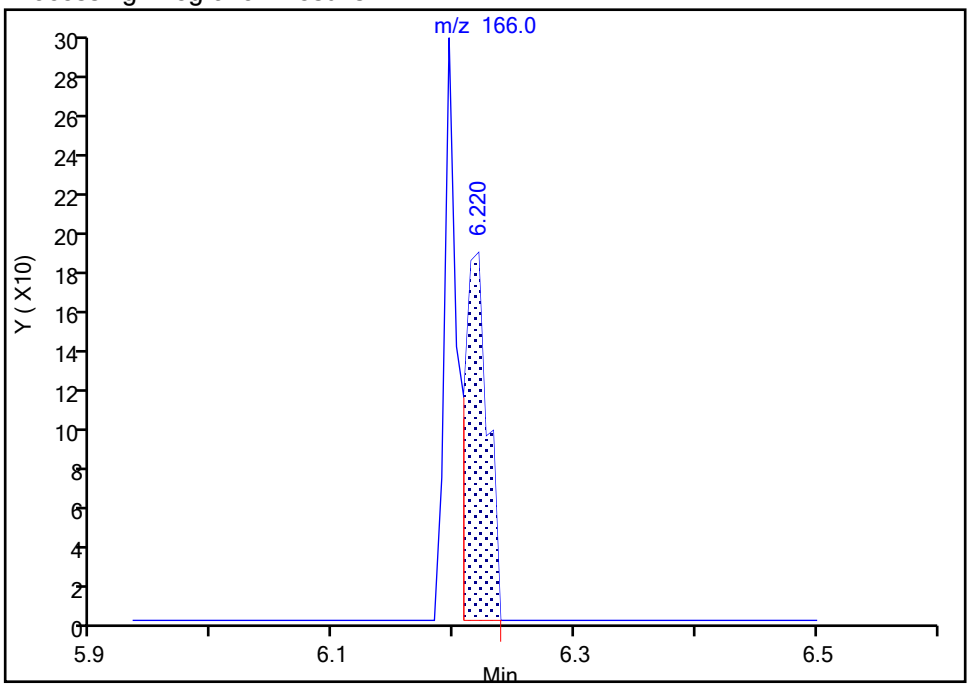
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85449.D
Injection Date: 08-Apr-2022 23:06:30 Instrument ID: CVOAMS2
Lims ID: 460-255692-B-11-A Lab Sample ID: 460-255692-11
Client ID: SB-9 (7-7.5)
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

85 Tetrachloroethene, CAS: 127-18-4

Signal: 1

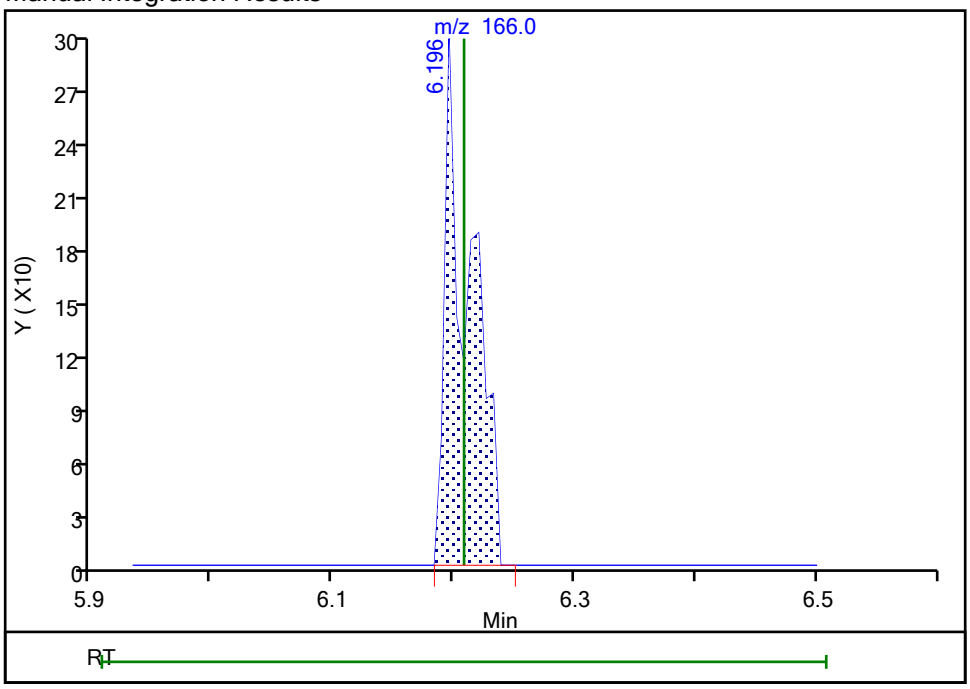
Processing Integration Results

RT: 6.22
Area: 248
Amount: 0.161798
Amount Units: ug/l



Manual Integration Results

RT: 6.20
Area: 435
Amount: 0.283799
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:55:30
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

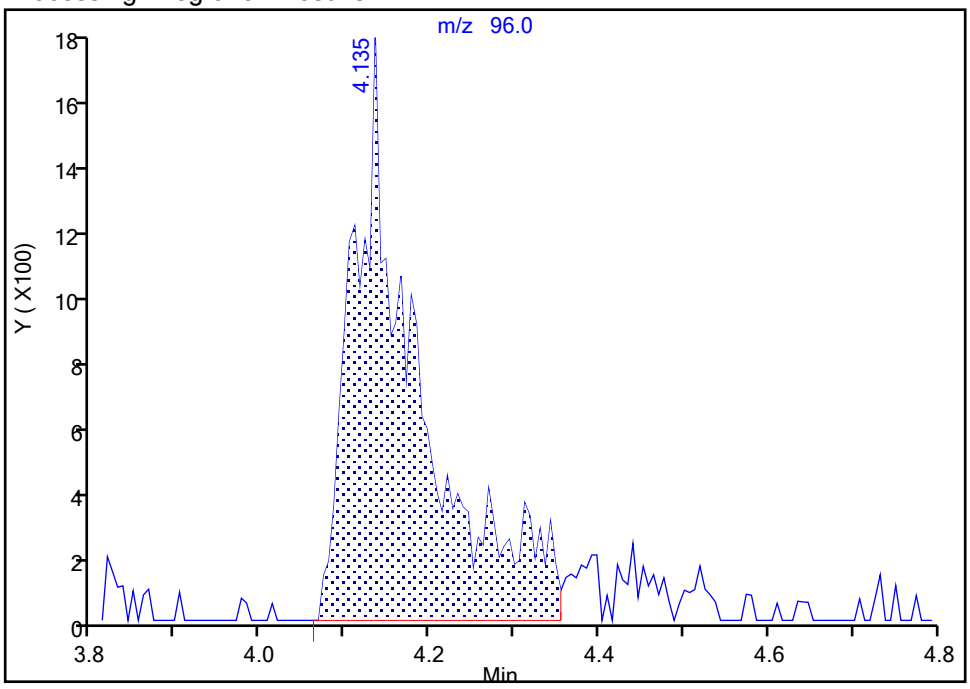
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85449.D		
Injection Date:	08-Apr-2022 23:06:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-11-A	Lab Sample ID:	460-255692-11
Client ID:	SB-9 (7-7.5)		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

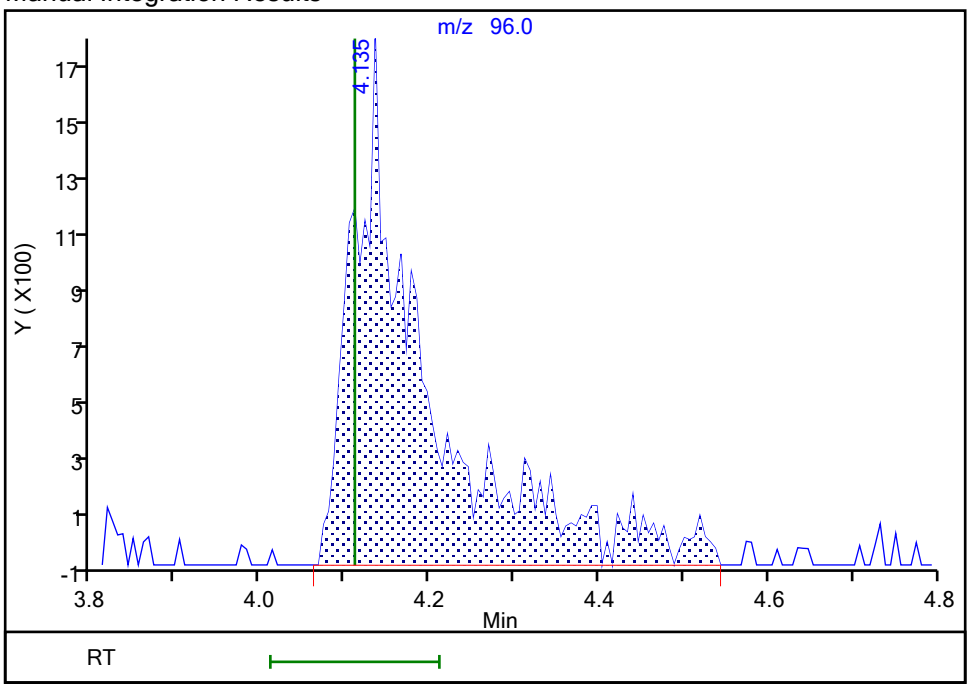
Processing Integration Results

RT: 4.14
Area: 9149
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.14
Area: 10361
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:55:12

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-12 (0-5) | Lab Sample ID: 460-255692-12

Matrix: Solid | Lab File ID: B85450.D

Analysis Method: 8260D | Date Collected: 04/05/2022 12:00

Sample wt/vol: 3.59(g) | Date Analyzed: 04/08/2022 23:28

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 9.5 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00036	U	0.0015	0.00036
79-34-5	1,1,2,2-Tetrachloroethane	0.00033	U	0.0015	0.00033
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00046	U *+	0.0015	0.00046
79-00-5	1,1,2-Trichloroethane	0.00027	U	0.0015	0.00027
75-34-3	1,1-Dichloroethane	0.00032	U	0.0015	0.00032
75-35-4	1,1-Dichloroethene	0.00035	U *+	0.0015	0.00035
87-61-6	1,2,3-Trichlorobenzene	0.00028	U	0.0015	0.00028
120-82-1	1,2,4-Trichlorobenzene	0.00055	U	0.0015	0.00055
95-63-6	1,2,4-Trimethylbenzene	0.00038	U	0.0015	0.00038
96-12-8	1,2-Dibromo-3-Chloropropane	0.00071	U	0.0015	0.00071
95-50-1	1,2-Dichlorobenzene	0.00056	U	0.0015	0.00056
107-06-2	1,2-Dichloroethane	0.00046	U	0.0015	0.00046
78-87-5	1,2-Dichloropropane	0.00065	U	0.0015	0.00065
108-67-8	1,3,5-Trimethylbenzene	0.00048	U	0.0015	0.00048
541-73-1	1,3-Dichlorobenzene	0.00056	U	0.0015	0.00056
106-46-7	1,4-Dichlorobenzene	0.00035	U	0.0015	0.00035
78-93-3	2-Butanone (MEK)	0.00057	U	0.0077	0.00057
591-78-6	2-Hexanone	0.0026	U	0.0077	0.0026
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0024	U	0.0077	0.0024
67-64-1	Acetone	0.012		0.0092	0.0088
71-43-2	Benzene	0.00040	U	0.0015	0.00040
75-25-2	Bromoform	0.00065	U	0.0015	0.00065
74-83-9	Bromomethane	0.0015	U	0.0031	0.0015
75-15-0	Carbon disulfide	0.00041	U	0.0015	0.00041
56-23-5	Carbon tetrachloride	0.00060	U	0.0015	0.00060
108-90-7	Chlorobenzene	0.00027	U	0.0015	0.00027
74-97-5	Chlorobromomethane	0.00043	U	0.0015	0.00043
124-48-1	Chlorodibromomethane	0.00030	U	0.0015	0.00030
75-00-3	Chloroethane	0.00080	U	0.0015	0.00080
67-66-3	Chloroform	0.0015	U	0.0015	0.0015
74-87-3	Chloromethane	0.00067	U	0.0015	0.00067
156-59-2	cis-1,2-Dichloroethene	0.00055	U	0.0015	0.00055
10061-01-5	cis-1,3-Dichloropropene	0.00042	U	0.0015	0.00042
110-82-7	Cyclohexane	0.00034	U	0.0015	0.00034
75-27-4	Dichlorobromomethane	0.00040	U	0.0015	0.00040

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-12 (0-5) | Lab Sample ID: 460-255692-12

Matrix: Solid | Lab File ID: B85450.D

Analysis Method: 8260D | Date Collected: 04/05/2022 12:00

Sample wt/vol: 3.59(g) | Date Analyzed: 04/08/2022 23:28

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 9.5 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.00052	U	0.0015	0.00052
100-41-4	Ethylbenzene	0.00031	U	0.0015	0.00031
106-93-4	Ethylene Dibromide	0.00028	U	0.0015	0.00028
98-82-8	Isopropylbenzene	0.00044	U	0.0015	0.00044
79-20-9	Methyl acetate	0.0066	U	0.0077	0.0066
1634-04-4	Methyl tert-butyl ether	0.00079	U	0.0015	0.00079
108-87-2	Methylcyclohexane	0.00077	U	0.0015	0.00077
75-09-2	Methylene Chloride	0.0018	U	0.0031	0.0018
179601-23-1	m-Xylene & p-Xylene	0.00028	J	0.0015	0.00027
104-51-8	n-Butylbenzene	0.00045	U	0.0015	0.00045
103-65-1	N-Propylbenzene	0.00027	U	0.0015	0.00027
95-47-6	o-Xylene	0.00034	J	0.0015	0.00030
135-98-8	sec-Butylbenzene	0.00044	U	0.0015	0.00044
100-42-5	Styrene	0.00043	U	0.0015	0.00043
98-06-6	tert-Butylbenzene	0.00042	U	0.0015	0.00042
127-18-4	Tetrachloroethene	0.016		0.0015	0.00047
108-88-3	Toluene	0.00036	U	0.0015	0.00036
156-60-5	trans-1,2-Dichloroethene	0.00038	U	0.0015	0.00038
10061-02-6	trans-1,3-Dichloropropene	0.00041	U	0.0015	0.00041
79-01-6	Trichloroethene	0.00049	U	0.0015	0.00049
75-69-4	Trichlorofluoromethane	0.00062	U	0.0015	0.00062
75-01-4	Vinyl chloride	0.00084	U	0.0015	0.00084
1330-20-7	Xylenes, Total	0.00099	U	0.0031	0.00099

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		77-145
460-00-4	4-Bromofluorobenzene	100		70-139
1868-53-7	Dibromofluoromethane (Surr)	111		48-150
2037-26-5	Toluene-d8 (Surr)	101		80-120

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

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-12 (0-5) | Lab Sample ID: 460-255692-12

Matrix: Solid | Lab File ID: B85450.D

Analysis Method: 8260D | Date Collected: 04/05/2022 12:00

Sample wt/vol: 3.59(g) | Date Analyzed: 04/08/2022 23:28

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 9.5 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85450.D
Lims ID: 460-255692-B-12-A
Client ID: SB-12 (0-5)
Sample Type: Client
Inject. Date: 08-Apr-2022 23:28:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-12-A
Misc. Info.: 460-0143790-022
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:56:32 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:07:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.252	1.252	0.000	63	5263	7.64	
28 Methylene Chloride	84	1.465	1.471	-0.006	91	1474	0.6404	
* 29 TBA-d9 (IS)	65	1.532	1.532	0.000	0	346217	1000.0	
* 40 2-Butanone-d5	46	2.276	2.270	0.006	0	257115	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.690	2.697	-0.007	95	109686	55.7	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.971	0.006	0	127900	54.8	
* 60 Fluorobenzene	96	3.312	3.306	0.006	97	399865	50.0	
* 69 1,4-Dioxane-d8	96	4.117	4.111	0.006	0	10220	1000.0	M
$ 79 Toluene-d8 (Surr)	98	5.281	5.281	0.000	98	343070	50.7	
85 Tetrachloroethene	166	6.202	6.208	-0.006	92	15739	10.5	
* 91 Chlorobenzene-d5	117	7.641	7.641	0.000	89	233644	50.0	
95 m-Xylene & p-Xylene	106	8.226	8.238	-0.012	4	453	0.1798	M
96 o-Xylene	106	8.976	8.970	0.006	13	557	0.2202	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	89	79765	49.9	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	96	113561	50.0	
S 135 Xylenes, Total	100				0		0.4000	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

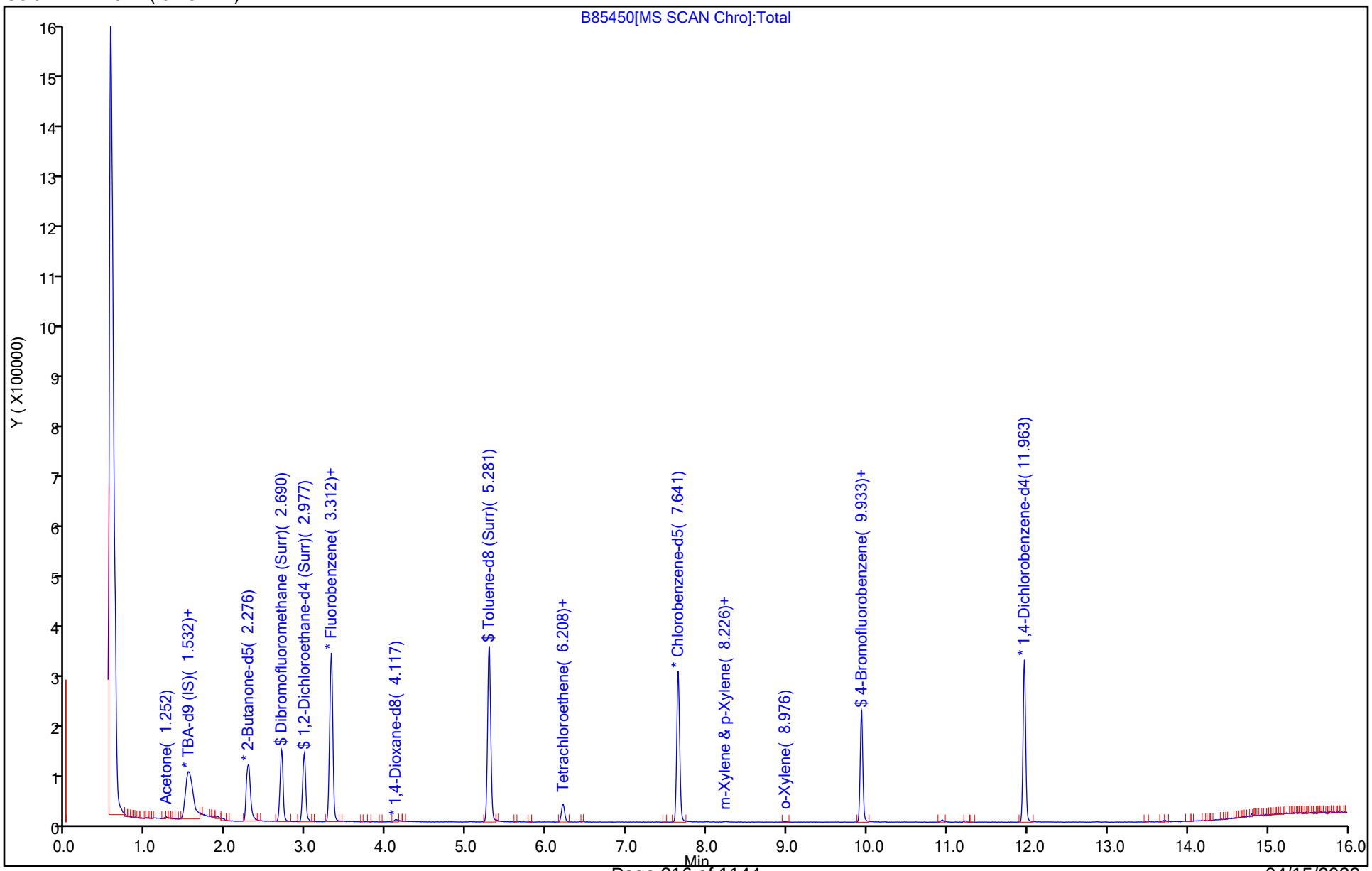
Report Date: 11-Apr-2022 10:56:32 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85450.D

Injection Date:	08-Apr-2022 23:28:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-255692-B-12-A	Lab Sample ID:	460-255692-12	Worklist Smp#:	22
Client ID:	SB-12 (0-5)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85450.D
Lims ID: 460-255692-B-12-A
Client ID: SB-12 (0-5)
Sample Type: Client
Inject. Date: 08-Apr-2022 23:28:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-12-A
Misc. Info.: 460-0143790-022
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:56:32 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:07:39

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	55.7	111.40
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	54.8	109.63
$ 79 Toluene-d8 (Surr)	50.0	50.7	101.30
$ 103 4-Bromofluorobenzene	50.0	49.9	99.83

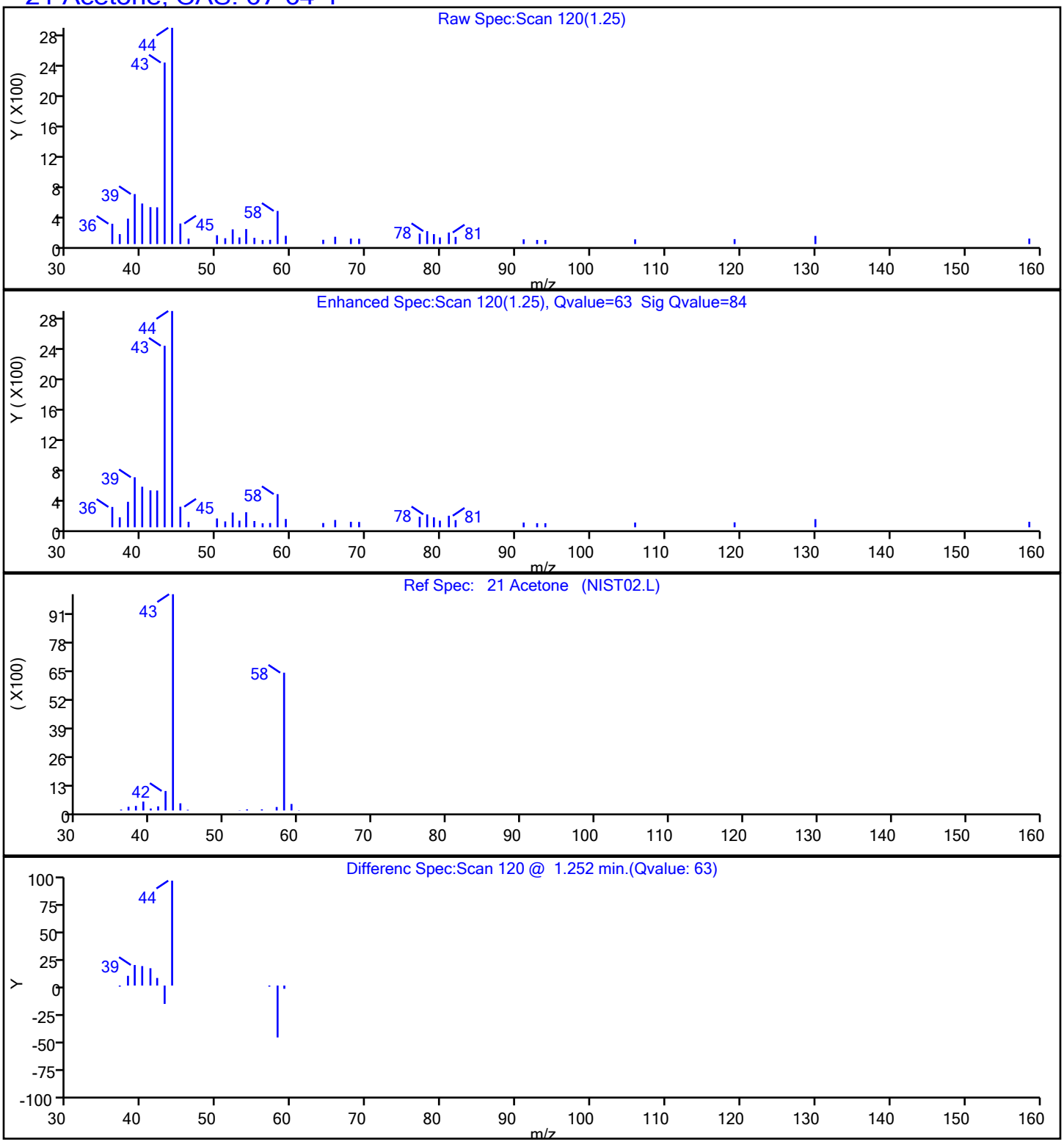
Report Date: 11-Apr-2022 10:56:32 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85450.D

Injection Date:	08-Apr-2022 23:28:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-12-A	Lab Sample ID:	460-255692-12
Client ID:	SB-12 (0-5)		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

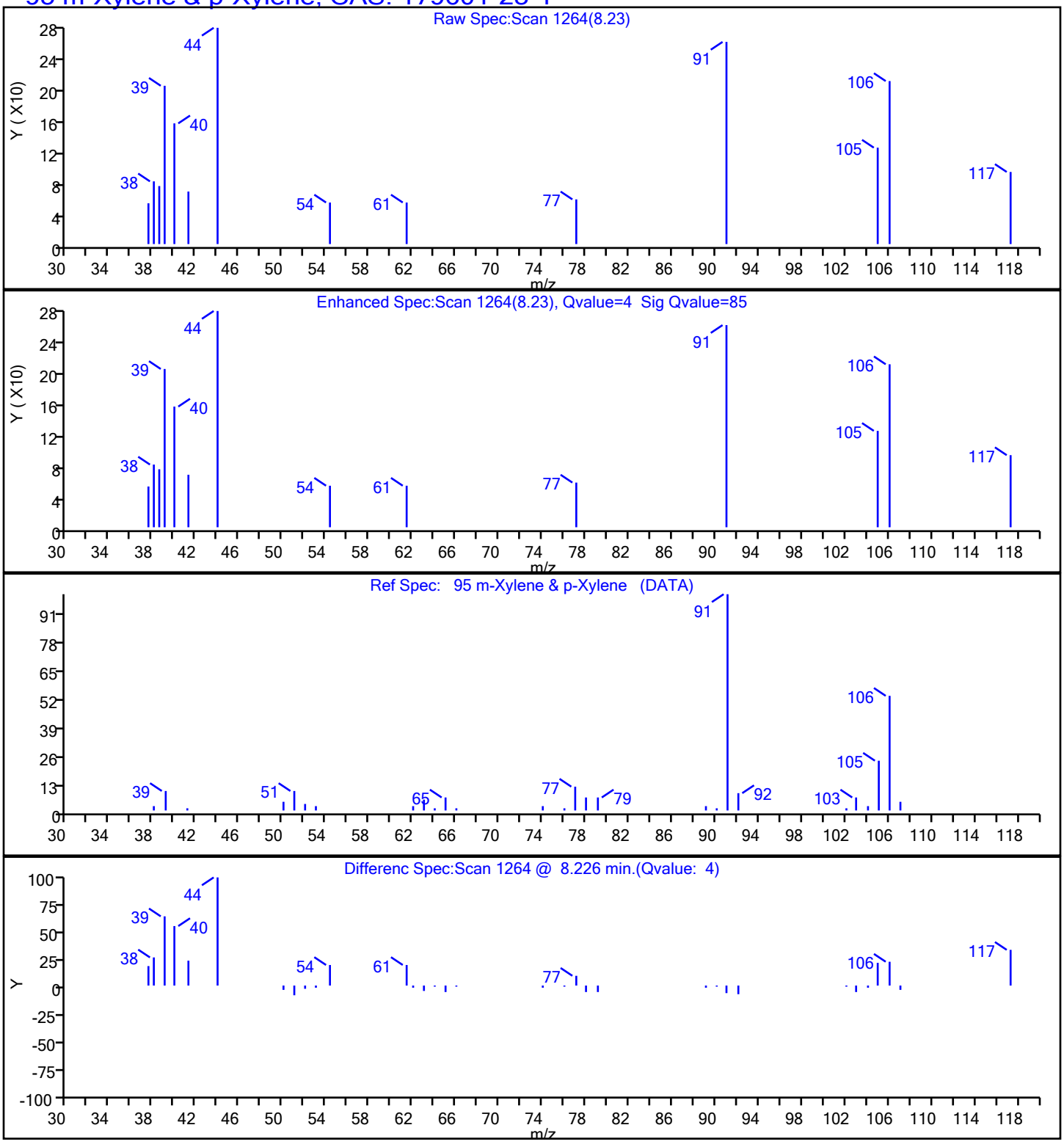
21 Acetone, CAS: 67-64-1



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85450.D		
Injection Date:	08-Apr-2022 23:28:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-12-A	Lab Sample ID:	460-255692-12
Client ID:	SB-12 (0-5)		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

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



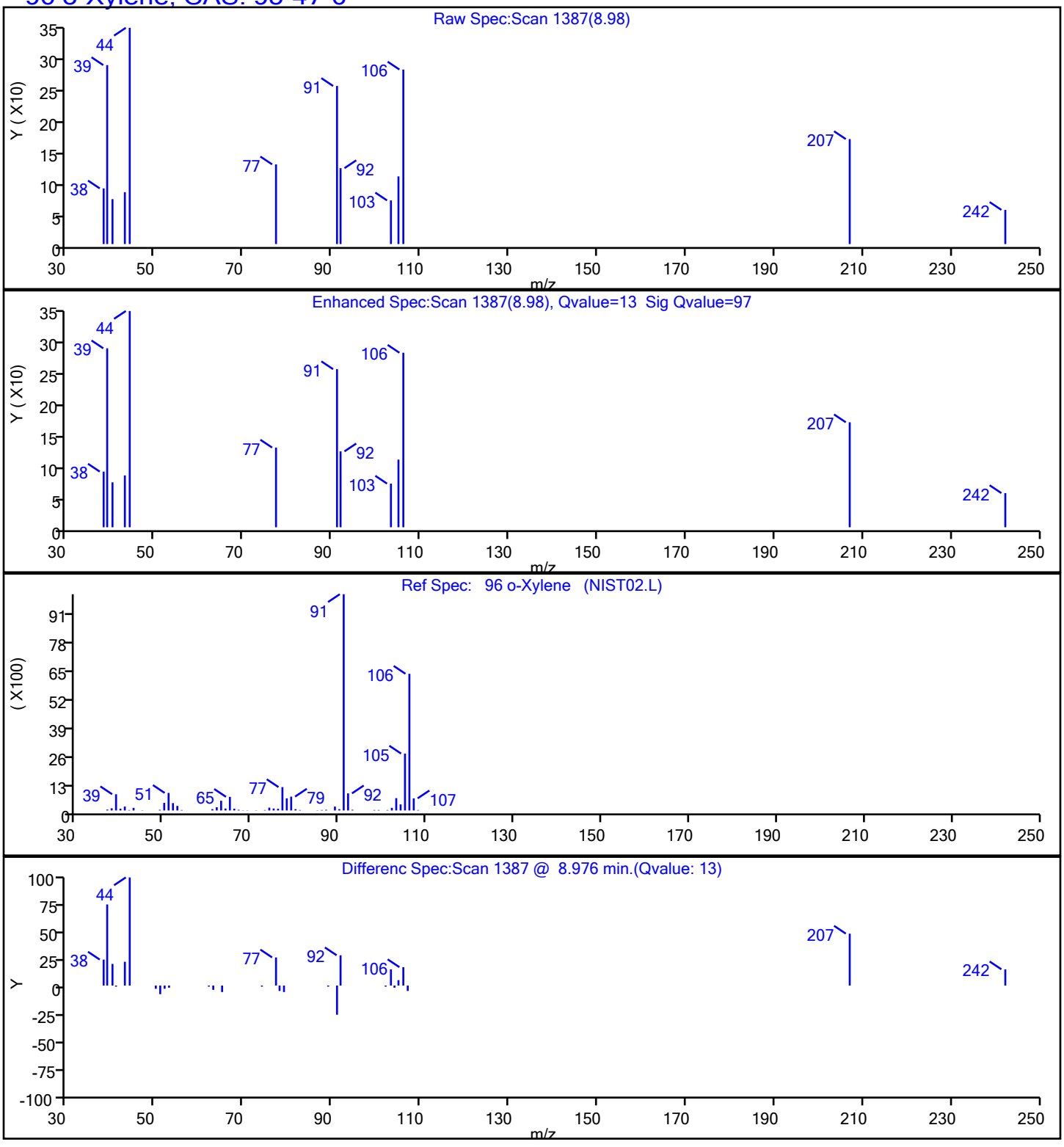
Report Date: 11-Apr-2022 10:56:32 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85450.D

Injection Date:	08-Apr-2022 23:28:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-12-A	Lab Sample ID:	460-255692-12
Client ID:	SB-12 (0-5)		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

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



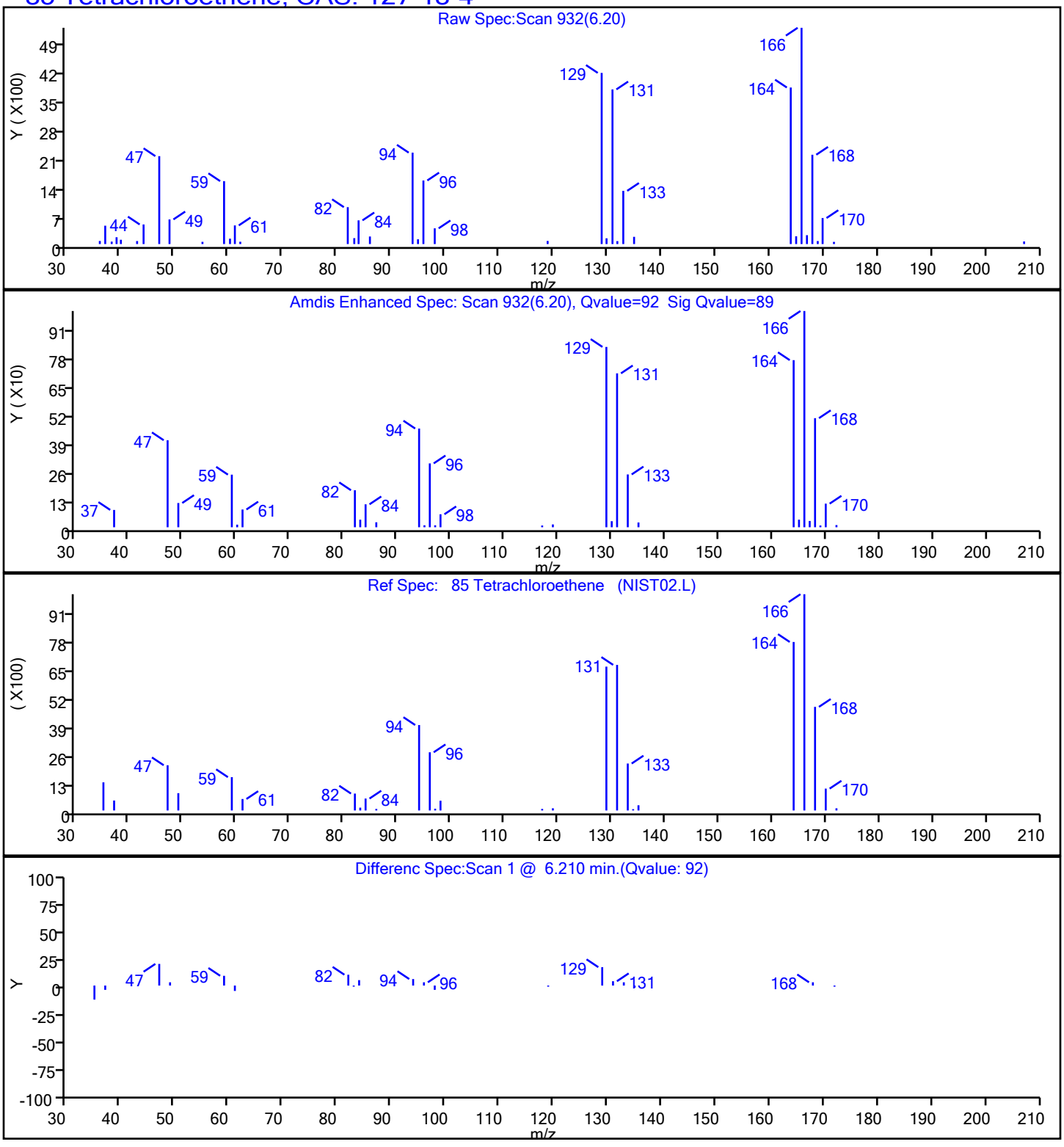
Report Date: 11-Apr-2022 10:56:32 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85450.D

Injection Date:	08-Apr-2022 23:28:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-12-A	Lab Sample ID:	460-255692-12
Client ID:	SB-12 (0-5)		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

85 Tetrachloroethene, CAS: 127-18-4



Manual Integration/User Assign Peak Report

Eurofins Edison

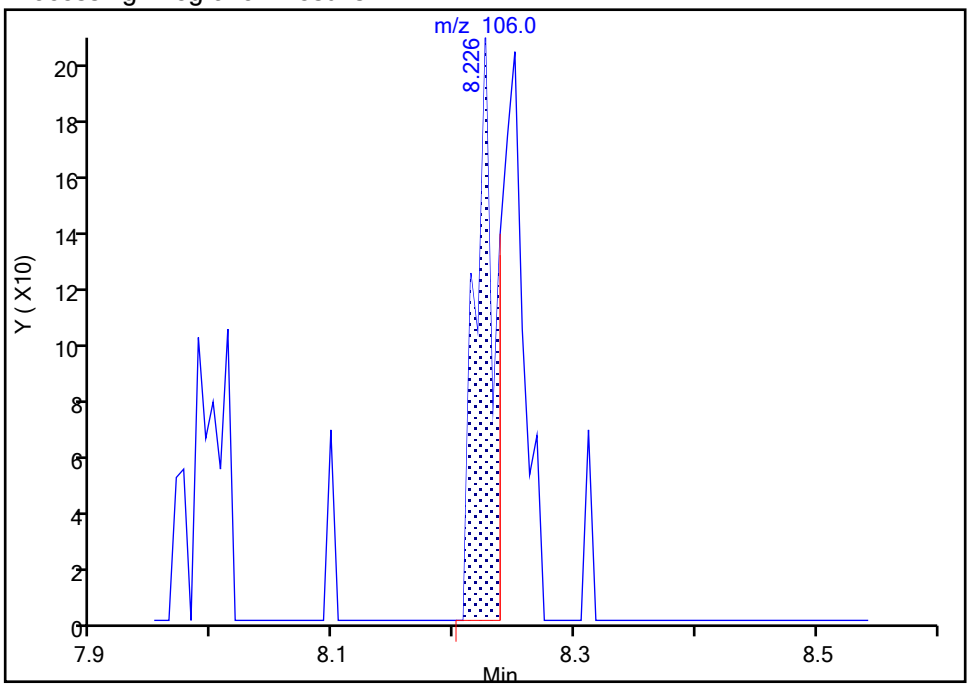
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85450.D				
Injection Date:	08-Apr-2022 23:28:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-12-A	Lab Sample ID:	460-255692-12		
Client ID:	SB-12 (0-5)				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

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

Signal: 1

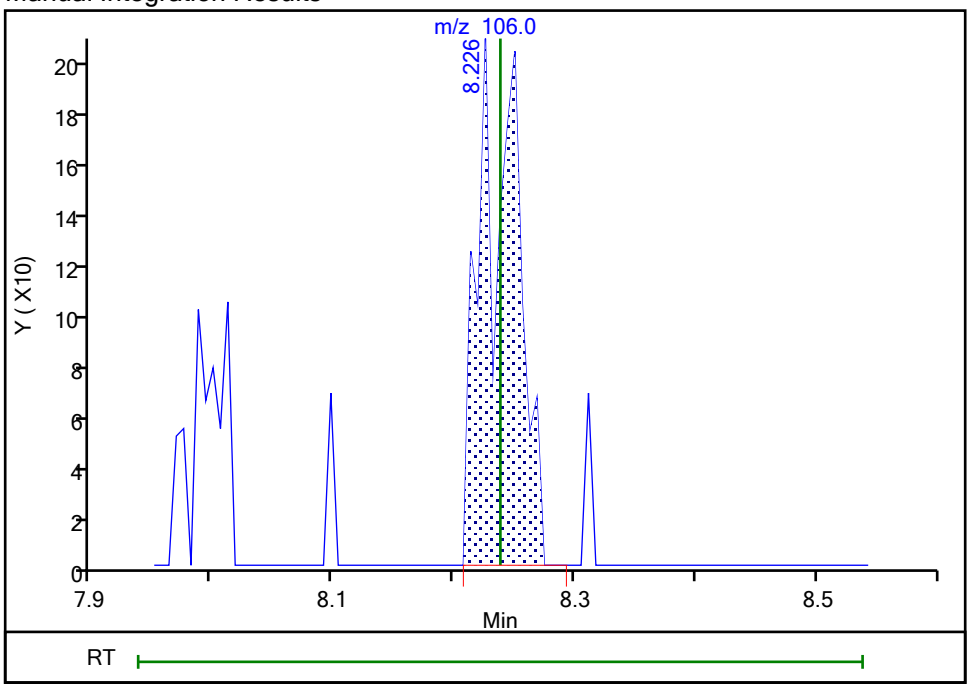
Processing Integration Results

RT: 8.23
Area: 234
Amount: 0.092902
Amount Units: ug/l



Manual Integration Results

RT: 8.23
Area: 453
Amount: 0.179848
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:56:25

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

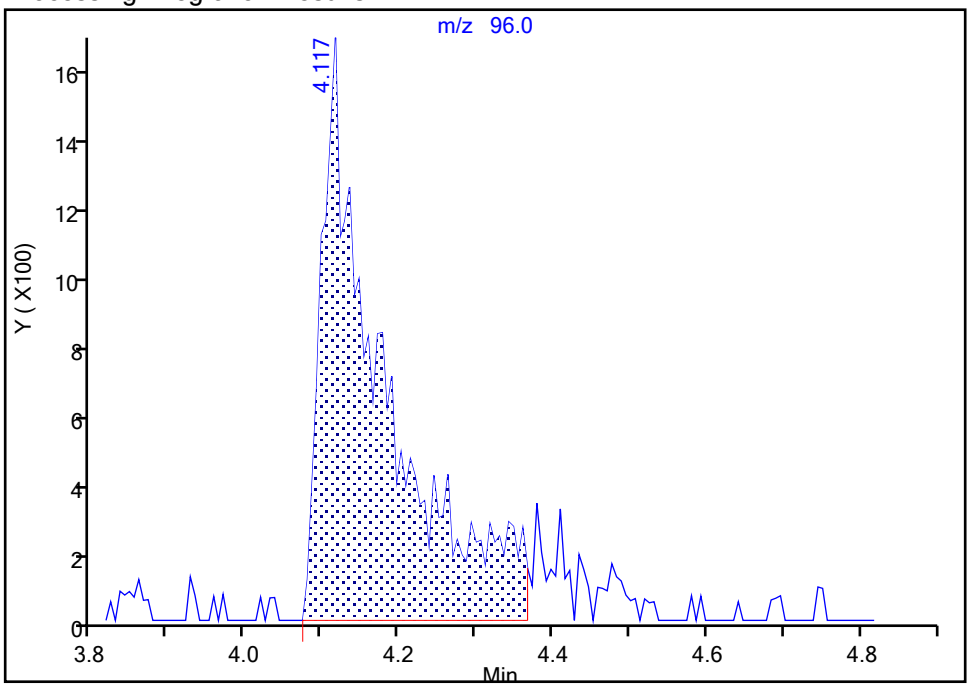
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85450.D		
Injection Date:	08-Apr-2022 23:28:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-12-A	Lab Sample ID:	460-255692-12
Client ID:	SB-12 (0-5)		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

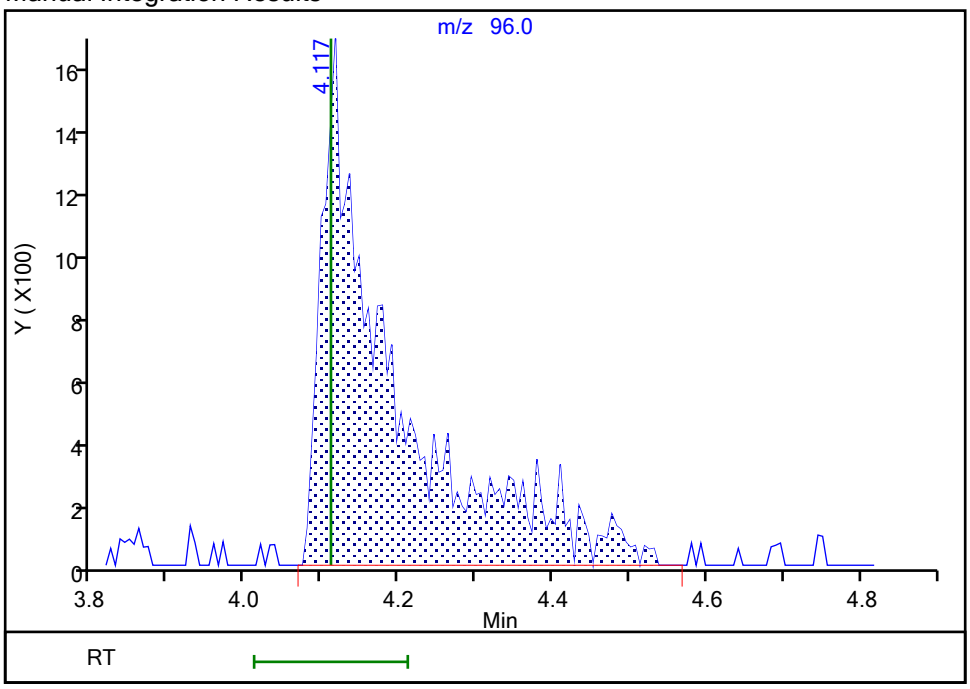
Processing Integration Results

RT: 4.12
Area: 9110
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.12
Area: 10220
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:55:59
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-12 (7-8) | Lab Sample ID: 460-255692-13

Matrix: Solid | Lab File ID: B85451.D

Analysis Method: 8260D | Date Collected: 04/05/2022 11:50

Sample wt/vol: 5.95(g) | Date Analyzed: 04/08/2022 23:51

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 15.1 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00023	U	0.00099	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.00021	U	0.00099	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U *+	0.00099	0.00030
79-00-5	1,1,2-Trichloroethane	0.00018	U	0.00099	0.00018
75-34-3	1,1-Dichloroethane	0.00020	U	0.00099	0.00020
75-35-4	1,1-Dichloroethene	0.00022	U *+	0.00099	0.00022
87-61-6	1,2,3-Trichlorobenzene	0.00018	U	0.00099	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.00035	U	0.00099	0.00035
95-63-6	1,2,4-Trimethylbenzene	0.00024	U	0.00099	0.00024
96-12-8	1,2-Dibromo-3-Chloropropane	0.00046	U	0.00099	0.00046
95-50-1	1,2-Dichlorobenzene	0.00036	U	0.00099	0.00036
107-06-2	1,2-Dichloroethane	0.00029	U	0.00099	0.00029
78-87-5	1,2-Dichloropropane	0.00042	U	0.00099	0.00042
108-67-8	1,3,5-Trimethylbenzene	0.00031	U	0.00099	0.00031
541-73-1	1,3-Dichlorobenzene	0.00036	U	0.00099	0.00036
106-46-7	1,4-Dichlorobenzene	0.00022	U	0.00099	0.00022
78-93-3	2-Butanone (MEK)	0.00036	U	0.0049	0.00036
591-78-6	2-Hexanone	0.0017	U	0.0049	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0015	U	0.0049	0.0015
67-64-1	Acetone	0.015		0.0059	0.0057
71-43-2	Benzene	0.00026	U	0.00099	0.00026
75-25-2	Bromoform	0.00042	U	0.00099	0.00042
74-83-9	Bromomethane	0.00099	U	0.0020	0.00099
75-15-0	Carbon disulfide	0.00026	U	0.00099	0.00026
56-23-5	Carbon tetrachloride	0.00038	U	0.00099	0.00038
108-90-7	Chlorobenzene	0.00018	U	0.00099	0.00018
74-97-5	Chlorobromomethane	0.00028	U	0.00099	0.00028
124-48-1	Chlorodibromomethane	0.00019	U	0.00099	0.00019
75-00-3	Chloroethane	0.00052	U	0.00099	0.00052
67-66-3	Chloroform	0.00096	U	0.00099	0.00096
74-87-3	Chloromethane	0.00043	U	0.00099	0.00043
156-59-2	cis-1,2-Dichloroethene	0.00035	U	0.00099	0.00035
10061-01-5	cis-1,3-Dichloropropene	0.00027	U	0.00099	0.00027
110-82-7	Cyclohexane	0.00022	U	0.00099	0.00022
75-27-4	Dichlorobromomethane	0.00025	U	0.00099	0.00025

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-12 (7-8) | Lab Sample ID: 460-255692-13

Matrix: Solid | Lab File ID: B85451.D

Analysis Method: 8260D | Date Collected: 04/05/2022 11:50

Sample wt/vol: 5.95(g) | Date Analyzed: 04/08/2022 23:51

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 15.1 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.00033	U	0.00099	0.00033
100-41-4	Ethylbenzene	0.00020	U	0.00099	0.00020
106-93-4	Ethylene Dibromide	0.00018	U	0.00099	0.00018
98-82-8	Isopropylbenzene	0.00028	U	0.00099	0.00028
79-20-9	Methyl acetate	0.0043	U	0.0049	0.0043
1634-04-4	Methyl tert-butyl ether	0.00051	U	0.00099	0.00051
108-87-2	Methylcyclohexane	0.00049	U	0.00099	0.00049
75-09-2	Methylene Chloride	0.0011	U	0.0020	0.0011
179601-23-1	m-Xylene & p-Xylene	0.00017	U	0.00099	0.00017
104-51-8	n-Butylbenzene	0.00029	U	0.00099	0.00029
103-65-1	N-Propylbenzene	0.00017	U	0.00099	0.00017
95-47-6	o-Xylene	0.00019	U	0.00099	0.00019
135-98-8	sec-Butylbenzene	0.00029	U	0.00099	0.00029
100-42-5	Styrene	0.00028	U	0.00099	0.00028
98-06-6	tert-Butylbenzene	0.00027	U	0.00099	0.00027
127-18-4	Tetrachloroethene	0.00077	J	0.00099	0.00030
108-88-3	Toluene	0.00023	U	0.00099	0.00023
156-60-5	trans-1,2-Dichloroethene	0.00024	U	0.00099	0.00024
10061-02-6	trans-1,3-Dichloropropene	0.00026	U	0.00099	0.00026
79-01-6	Trichloroethene	0.00032	U	0.00099	0.00032
75-69-4	Trichlorofluoromethane	0.00040	U	0.00099	0.00040
75-01-4	Vinyl chloride	0.00054	U	0.00099	0.00054
1330-20-7	Xylenes, Total	0.00064	U	0.0020	0.00064

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		77-145
460-00-4	4-Bromofluorobenzene	95		70-139
1868-53-7	Dibromofluoromethane (Surr)	108		48-150
2037-26-5	Toluene-d8 (Surr)	98		80-120

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

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-12 (7-8) | Lab Sample ID: 460-255692-13

Matrix: Solid | Lab File ID: B85451.D

Analysis Method: 8260D | Date Collected: 04/05/2022 11:50

Sample wt/vol: 5.95(g) | Date Analyzed: 04/08/2022 23:51

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 15.1 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85451.D
Lims ID: 460-255692-B-13-A
Client ID: SB-12 (7-8)
Sample Type: Client
Inject. Date: 08-Apr-2022 23:51:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-13-A
Misc. Info.: 460-0143790-023
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:57:13 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:08:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.264	1.252	0.012	83	10313	15.3	
* 29 TBA-d9 (IS)	65	1.551	1.532	0.019	0	312493	1000.0	
* 40 2-Butanone-d5	46	2.288	2.270	0.018	0	251890	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.697	0.000	94	115059	54.1	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.983	2.971	0.012	0	134123	53.2	
* 60 Fluorobenzene	96	3.318	3.306	0.012	97	432106	50.0	
* 69 1,4-Dioxane-d8	96	4.135	4.111	0.024	0	9766	1000.0	s
$ 79 Toluene-d8 (Surr)	98	5.288	5.281	0.007	98	353055	48.9	
85 Tetrachloroethene	166	6.196	6.208	-0.012	88	1256	0.7823	M
* 91 Chlorobenzene-d5	117	7.641	7.641	0.000	90	249183	50.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	88	80723	47.4	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	96	121025	50.0	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00227 Amount Added: 1.00 Units: uL Run Reagent

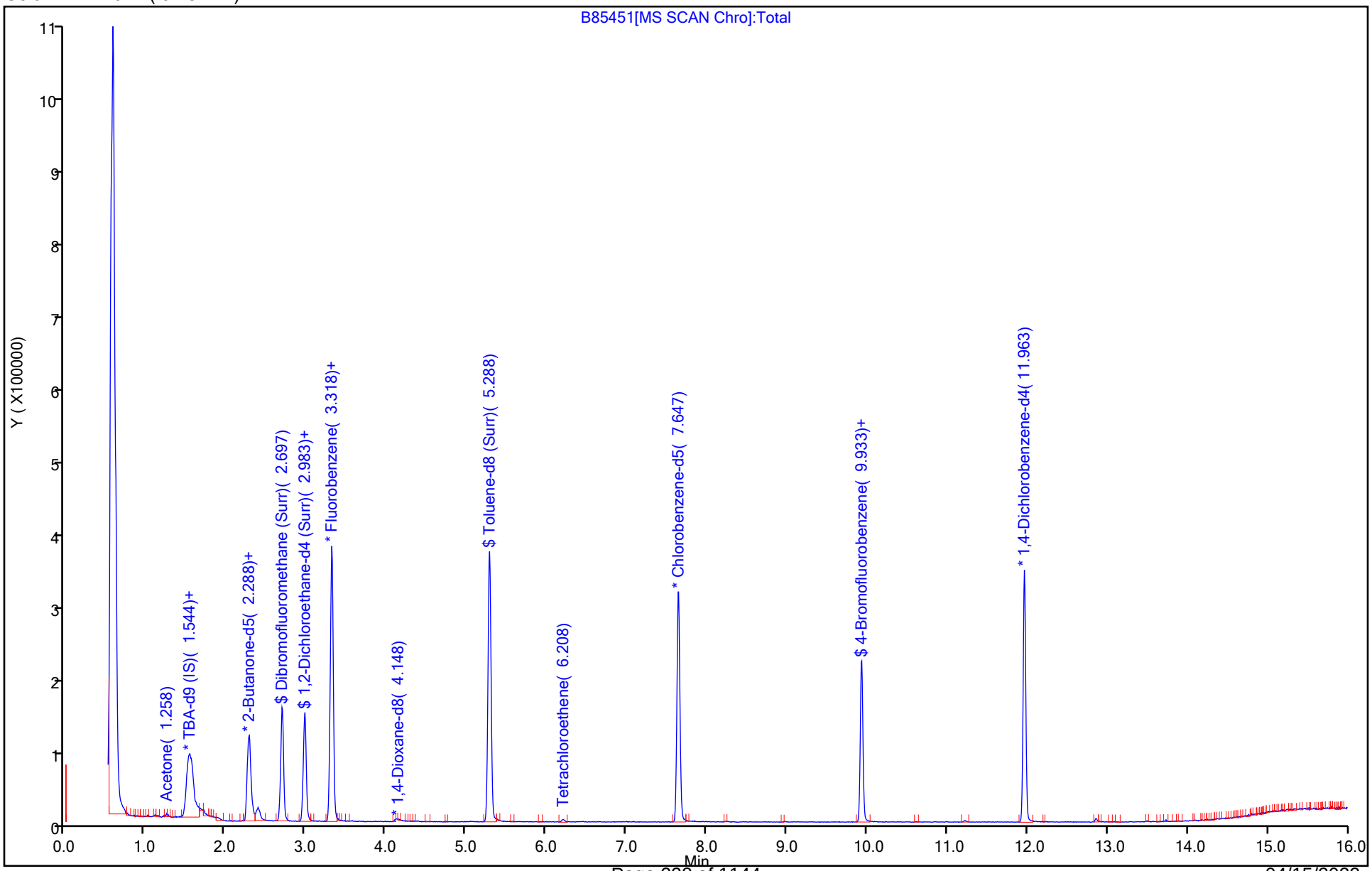
Report Date: 11-Apr-2022 10:57:13 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85451.D

Injection Date:	08-Apr-2022 23:51:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-255692-B-13-A	Lab Sample ID:	460-255692-13	Worklist Smp#:	23
Client ID:	SB-12 (7-8)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85451.D
Lims ID: 460-255692-B-13-A
Client ID: SB-12 (7-8)
Sample Type: Client
Inject. Date: 08-Apr-2022 23:51:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-13-A
Misc. Info.: 460-0143790-023
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:57:13 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:08:07

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	54.1	108.13
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	53.2	106.39
$ 79 Toluene-d8 (Surr)	50.0	48.9	97.75
$ 103 4-Bromofluorobenzene	50.0	47.4	94.80

Report Date: 11-Apr-2022 10:57:13 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85451.D

Injection Date: 08-Apr-2022 23:51:30 Instrument ID: CVOAMS2

Lims ID: 460-255692-B-13-A Lab Sample ID: 460-255692-13

Client ID: SB-12 (7-8)

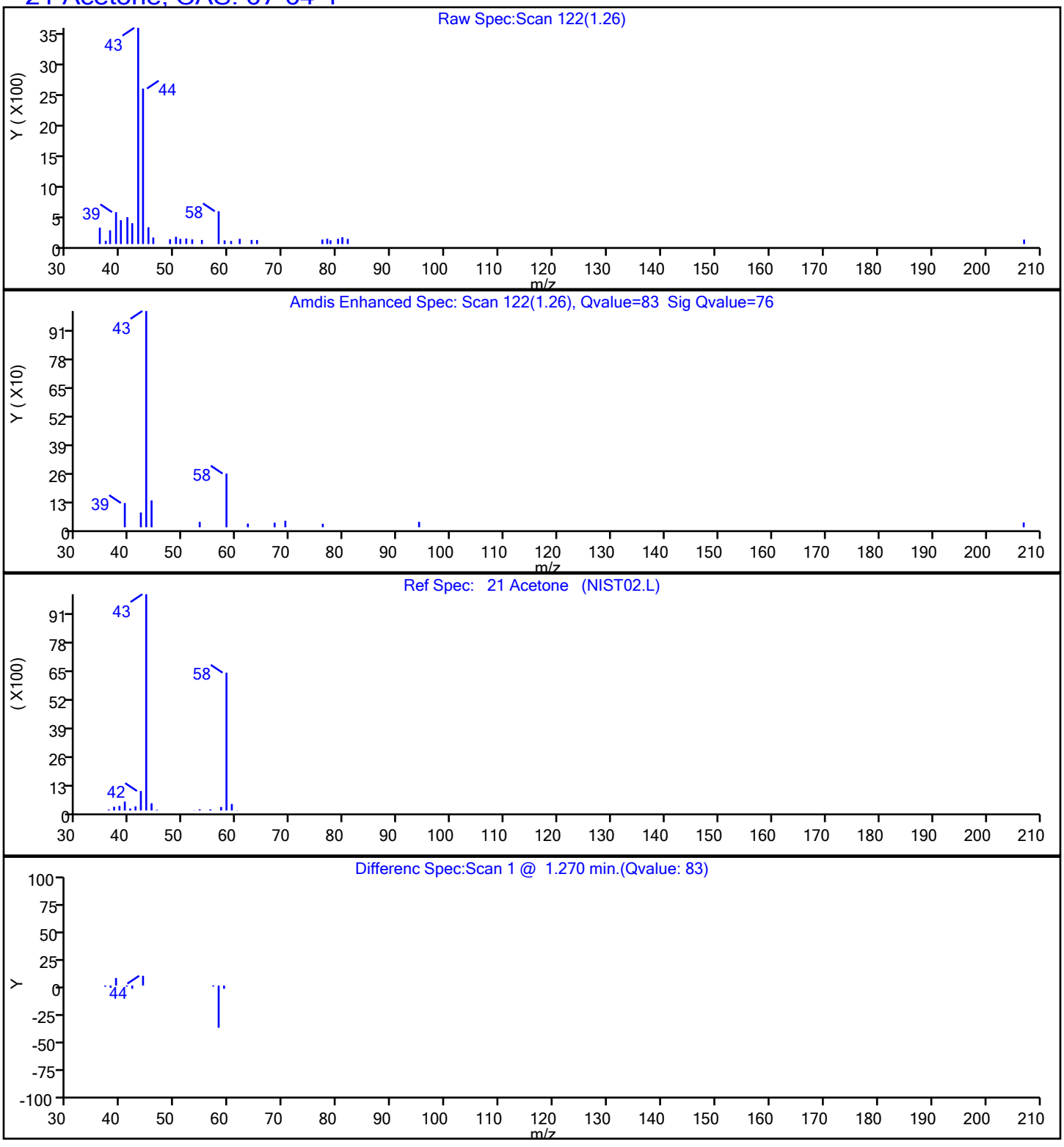
Operator ID: ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS SCAN

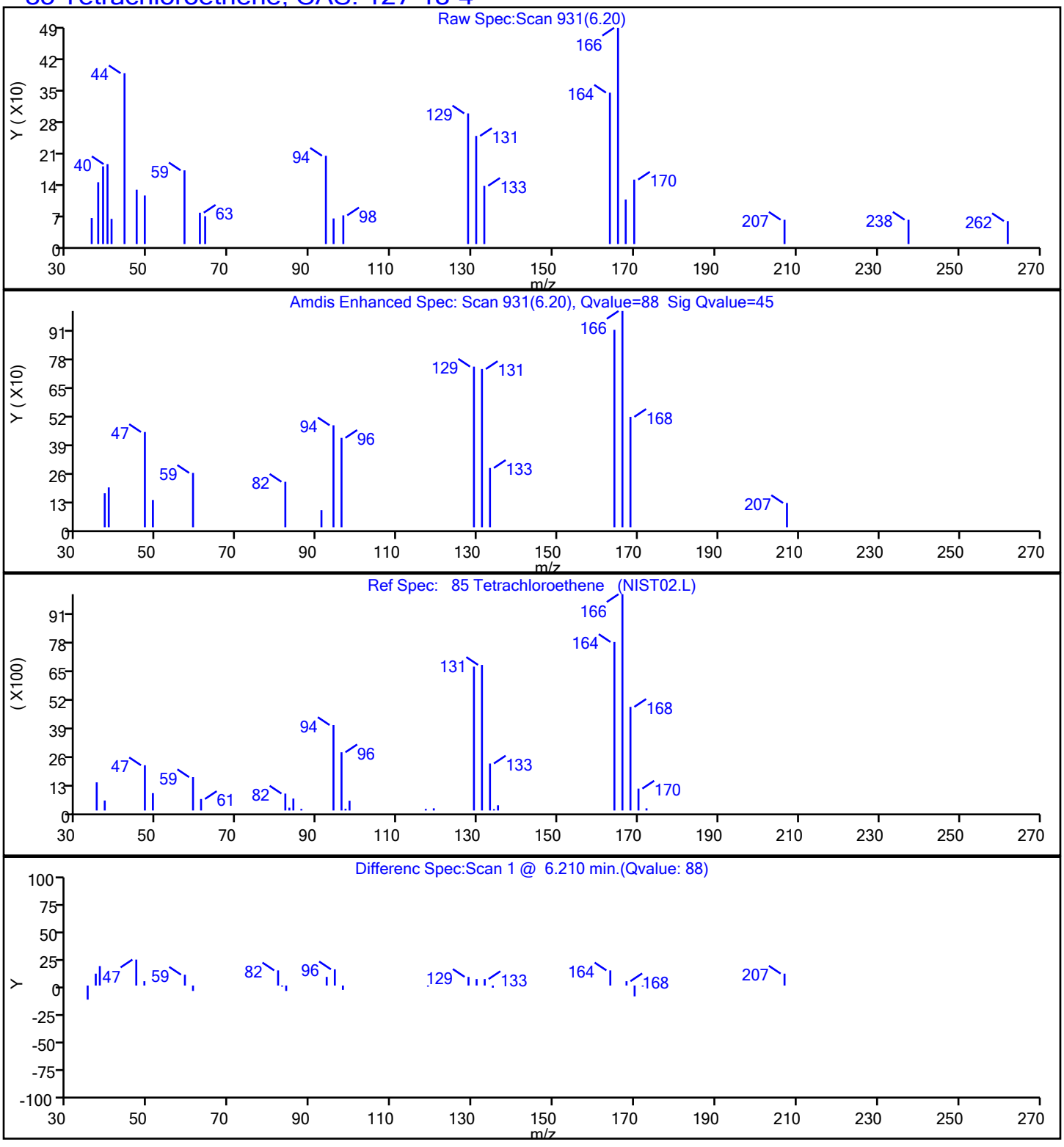
21 Acetone, CAS: 67-64-1



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85451.D				
Injection Date:	08-Apr-2022 23:51:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-13-A	Lab Sample ID:	460-255692-13		
Client ID:	SB-12 (7-8)				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

85 Tetrachloroethene, CAS: 127-18-4



Manual Integration/User Assign Peak Report

Eurofins Edison

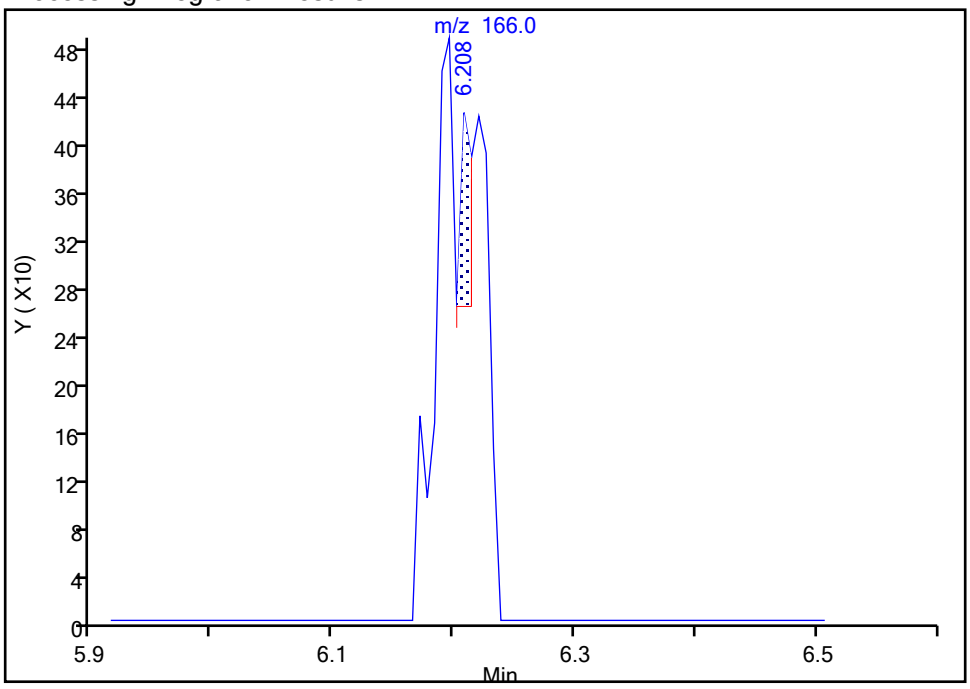
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85451.D		
Injection Date:	08-Apr-2022 23:51:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-13-A	Lab Sample ID:	460-255692-13
Client ID:	SB-12 (7-8)		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

85 Tetrachloroethene, CAS: 127-18-4

Signal: 1

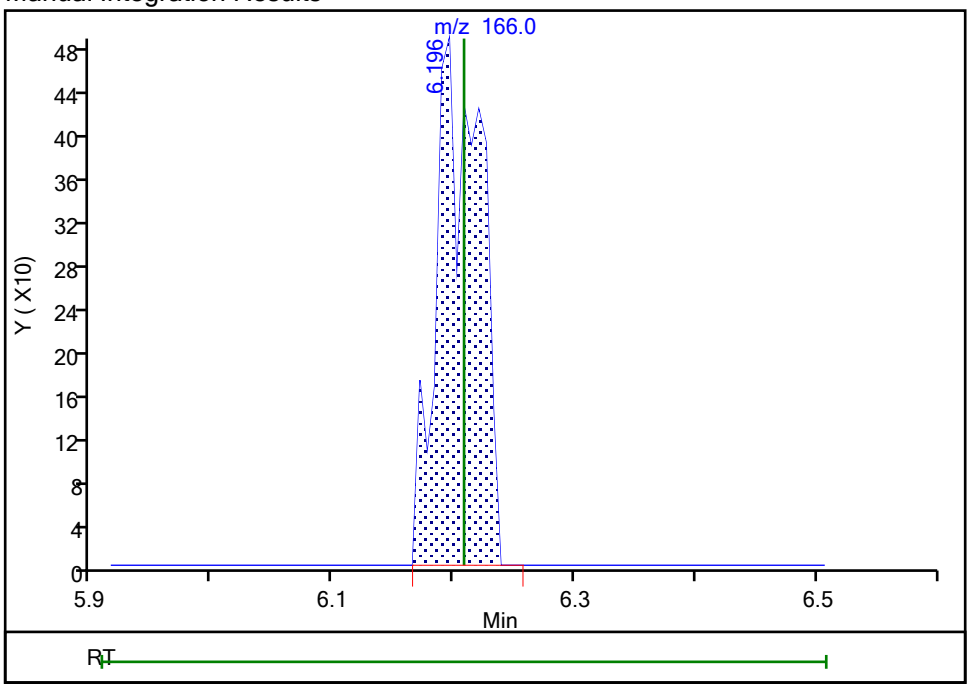
Processing Integration Results

RT: 6.21
Area: 105
Amount: 0.065400
Amount Units: ug/l



Manual Integration Results

RT: 6.20
Area: 1256
Amount: 0.782312
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:57:04
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-12 (15-15.5) | Lab Sample ID: 460-255692-14

Matrix: Solid | Lab File ID: B85452.D

Analysis Method: 8260D | Date Collected: 04/05/2022 12:05

Sample wt/vol: 5.35(g) | Date Analyzed: 04/09/2022 00:13

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 15.8 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00026	U	0.0011	0.00026
79-34-5	1,1,2,2-Tetrachloroethane	0.00024	U	0.0011	0.00024
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00033	U *+	0.0011	0.00033
79-00-5	1,1,2-Trichloroethane	0.00020	U	0.0011	0.00020
75-34-3	1,1-Dichloroethane	0.00023	U	0.0011	0.00023
75-35-4	1,1-Dichloroethene	0.00025	U *+	0.0011	0.00025
87-61-6	1,2,3-Trichlorobenzene	0.00020	U	0.0011	0.00020
120-82-1	1,2,4-Trichlorobenzene	0.00040	U	0.0011	0.00040
95-63-6	1,2,4-Trimethylbenzene	0.00027	U	0.0011	0.00027
96-12-8	1,2-Dibromo-3-Chloropropane	0.00051	U	0.0011	0.00051
95-50-1	1,2-Dichlorobenzene	0.00040	U	0.0011	0.00040
107-06-2	1,2-Dichloroethane	0.00033	U	0.0011	0.00033
78-87-5	1,2-Dichloropropane	0.00047	U	0.0011	0.00047
108-67-8	1,3,5-Trimethylbenzene	0.00035	U	0.0011	0.00035
541-73-1	1,3-Dichlorobenzene	0.00041	U	0.0011	0.00041
106-46-7	1,4-Dichlorobenzene	0.00025	U	0.0011	0.00025
78-93-3	2-Butanone (MEK)	0.00041	U	0.0055	0.00041
591-78-6	2-Hexanone	0.0019	U	0.0055	0.0019
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0017	U	0.0055	0.0017
67-64-1	Acetone	0.035		0.0067	0.0063
71-43-2	Benzene	0.00029	U	0.0011	0.00029
75-25-2	Bromoform	0.00047	U	0.0011	0.00047
74-83-9	Bromomethane	0.0011	U	0.0022	0.0011
75-15-0	Carbon disulfide	0.00030	U	0.0011	0.00030
56-23-5	Carbon tetrachloride	0.00043	U	0.0011	0.00043
108-90-7	Chlorobenzene	0.00020	U	0.0011	0.00020
74-97-5	Chlorobromomethane	0.00031	U	0.0011	0.00031
124-48-1	Chlorodibromomethane	0.00022	U	0.0011	0.00022
75-00-3	Chloroethane	0.00058	U	0.0011	0.00058
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
74-87-3	Chloromethane	0.00048	U	0.0011	0.00048
156-59-2	cis-1,2-Dichloroethene	0.00040	U	0.0011	0.00040
10061-01-5	cis-1,3-Dichloropropene	0.00030	U	0.0011	0.00030
110-82-7	Cyclohexane	0.00025	U	0.0011	0.00025
75-27-4	Dichlorobromomethane	0.00029	U	0.0011	0.00029

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-12 (15-15.5) | Lab Sample ID: 460-255692-14

Matrix: Solid | Lab File ID: B85452.D

Analysis Method: 8260D | Date Collected: 04/05/2022 12:05

Sample wt/vol: 5.35(g) | Date Analyzed: 04/09/2022 00:13

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 15.8 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.00038	U	0.0011	0.00038
100-41-4	Ethylbenzene	0.00022	U	0.0011	0.00022
106-93-4	Ethylene Dibromide	0.00020	U	0.0011	0.00020
98-82-8	Isopropylbenzene	0.00032	U	0.0011	0.00032
79-20-9	Methyl acetate	0.0048	U	0.0055	0.0048
1634-04-4	Methyl tert-butyl ether	0.00057	U	0.0011	0.00057
108-87-2	Methylcyclohexane	0.00055	U	0.0011	0.00055
75-09-2	Methylene Chloride	0.0013	U	0.0022	0.0013
179601-23-1	m-Xylene & p-Xylene	0.00020	J	0.0011	0.00019
104-51-8	n-Butylbenzene	0.00033	U	0.0011	0.00033
103-65-1	N-Propylbenzene	0.00019	U	0.0011	0.00019
95-47-6	o-Xylene	0.00022	U	0.0011	0.00022
135-98-8	sec-Butylbenzene	0.00032	U	0.0011	0.00032
100-42-5	Styrene	0.00031	U	0.0011	0.00031
98-06-6	tert-Butylbenzene	0.00031	U	0.0011	0.00031
127-18-4	Tetrachloroethene	0.00034	U	0.0011	0.00034
108-88-3	Toluene	0.00026	U	0.0011	0.00026
156-60-5	trans-1,2-Dichloroethene	0.00027	U	0.0011	0.00027
10061-02-6	trans-1,3-Dichloropropene	0.00030	U	0.0011	0.00030
79-01-6	Trichloroethene	0.00036	U	0.0011	0.00036
75-69-4	Trichlorofluoromethane	0.00045	U	0.0011	0.00045
75-01-4	Vinyl chloride	0.00061	U	0.0011	0.00061
1330-20-7	Xylenes, Total	0.00071	U	0.0022	0.00071

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-145
460-00-4	4-Bromofluorobenzene	99		70-139
1868-53-7	Dibromofluoromethane (Surr)	108		48-150
2037-26-5	Toluene-d8 (Surr)	100		80-120

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

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-12 (15-15.5) | Lab Sample ID: 460-255692-14

Matrix: Solid | Lab File ID: B85452.D

Analysis Method: 8260D | Date Collected: 04/05/2022 12:05

Sample wt/vol: 5.35(g) | Date Analyzed: 04/09/2022 00:13

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 15.8 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

Number TICs Found: 1 | TIC Result Total: 0.0057

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	2.38	0.0057	J	

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85452.D
Lims ID: 460-255692-B-14-A
Client ID: SB-12 (15-15.5)
Sample Type: Client
Inject. Date: 09-Apr-2022 00:13:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-14-A
Misc. Info.: 460-0143790-024
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:58:11 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:08:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.246	1.252	-0.006	87	19853	31.8	
* 29 TBA-d9 (IS)	65	1.532	1.532	0.000	0	288970	1000.0	
* 40 2-Butanone-d5	46	2.276	2.270	0.006	0	233073	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.690	2.697	-0.007	95	108807	54.2	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.971	2.971	0.000	0	123394	51.9	
* 60 Fluorobenzene	96	3.306	3.306	0.000	98	407605	50.0	
* 69 1,4-Dioxane-d8	96	4.129	4.111	0.018	0	9159	1000.0	sM
$ 79 Toluene-d8 (Surr)	98	5.281	5.281	0.000	98	345100	50.1	
85 Tetrachloroethene	166	6.184	6.208	-0.024	83	438	0.2859	M
* 91 Chlorobenzene-d5	117	7.641	7.641	0.000	89	237762	50.0	
95 m-Xylene & p-Xylene	106	8.244	8.238	0.006	26	460	0.1795	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	88	78484	49.4	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	96	112976	50.0	
S 135 Xylenes, Total	100				0		0.1795	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

Eurofins Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85452.D				
Lims ID:	460-255692-B-14-A				
Client ID:	SB-12 (15-15.5)				
Sample Type:	Client				
Inject. Date:	09-Apr-2022 00:13:30	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-255692-B-14-A				
Misc. Info.:	460-0143790-024				
Operator ID:		Instrument ID:	CVOAMS2		
Method:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	11-Apr-2022 10:58:11	Calib Date:	05-Apr-2022 12:25:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02.L				
Min. Match:	85				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1631				
First Level Reviewer: tupayachia		Date:	09-Apr-2022 07:08:44		

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
2.380	95541	5.14	60					

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 60 Fluorobenzene	3.306	929854	50.0

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

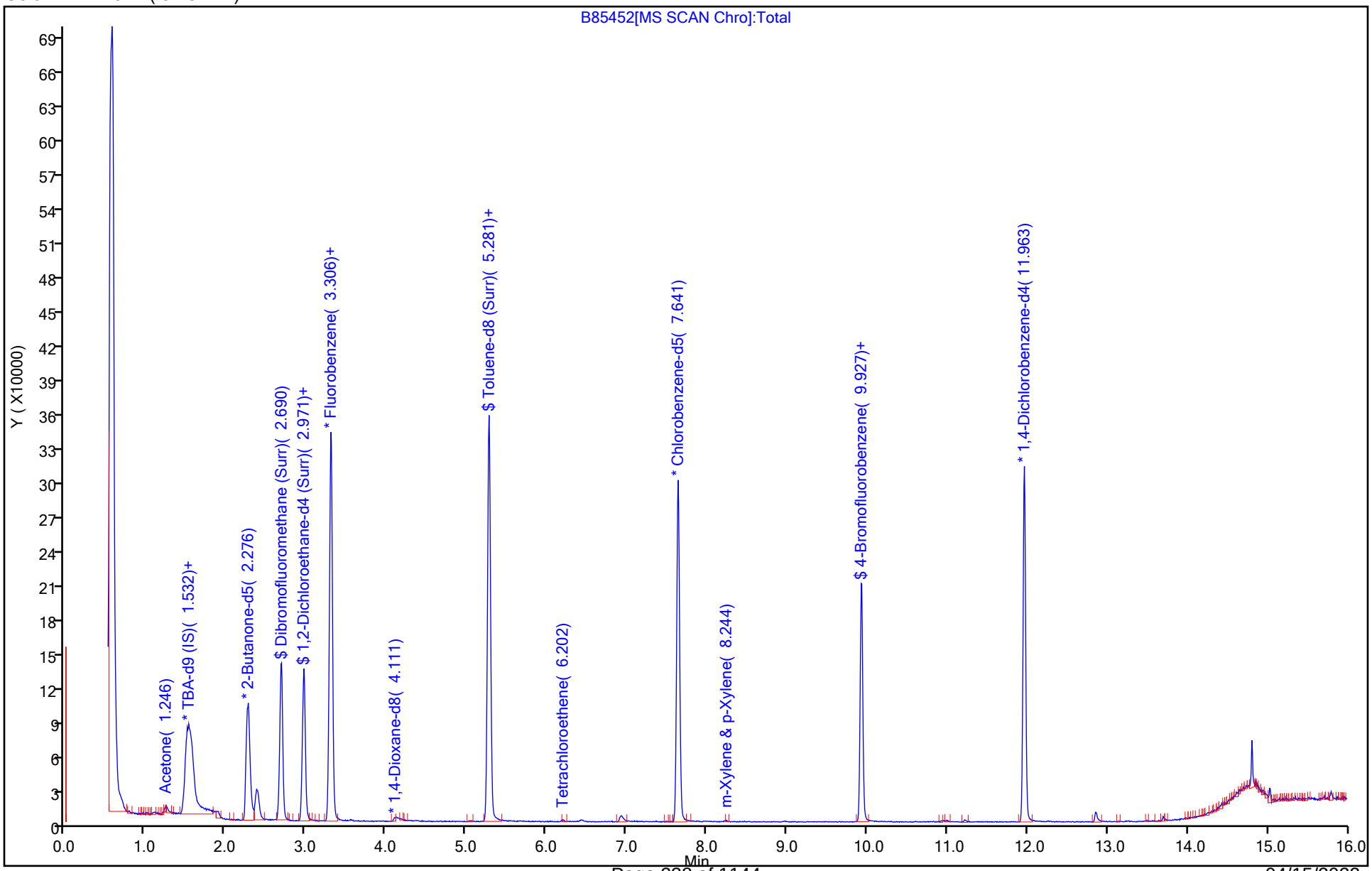
Report Date: 11-Apr-2022 10:58:11 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85452.D

Injection Date:	09-Apr-2022 00:13:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-255692-B-14-A	Lab Sample ID:	460-255692-14	Worklist Smp#:	24
Client ID:	SB-12 (15-15.5)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85452.D
Lims ID: 460-255692-B-14-A
Client ID: SB-12 (15-15.5)
Sample Type: Client
Inject. Date: 09-Apr-2022 00:13:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-14-A
Misc. Info.: 460-0143790-024
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:58:11 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:08:44

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	54.2	108.41
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	51.9	103.76
$ 79 Toluene-d8 (Surr)	50.0	50.1	100.14
$ 103 4-Bromofluorobenzene	50.0	49.4	98.73

Report Date: 11-Apr-2022 10:58:11 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85452.D

Injection Date: 09-Apr-2022 00:13:30 Instrument ID: CVOAMS2

Lims ID: 460-255692-B-14-A Lab Sample ID: 460-255692-14

Client ID: SB-12 (15-15.5)

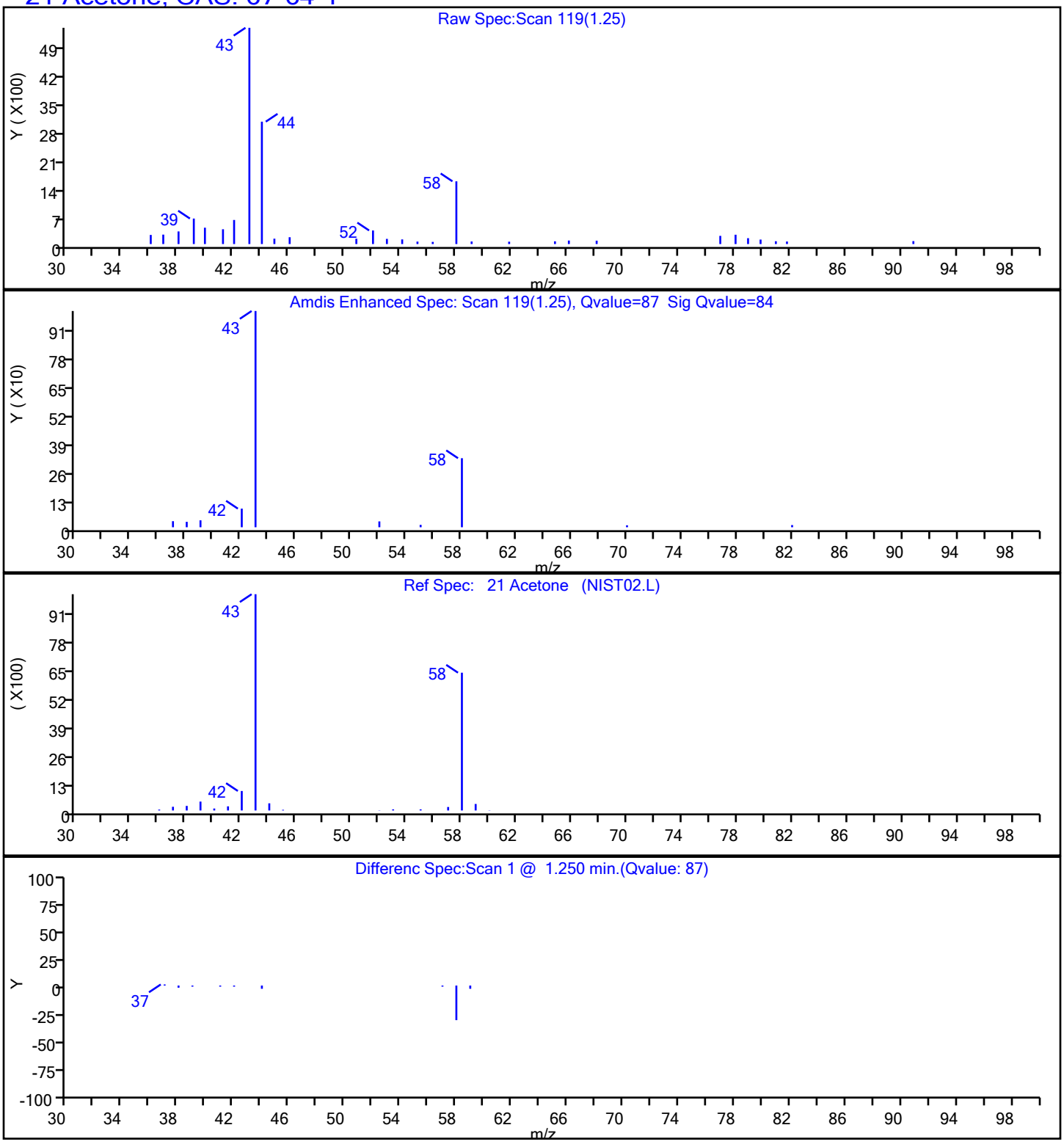
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS SCAN

21 Acetone, CAS: 67-64-1



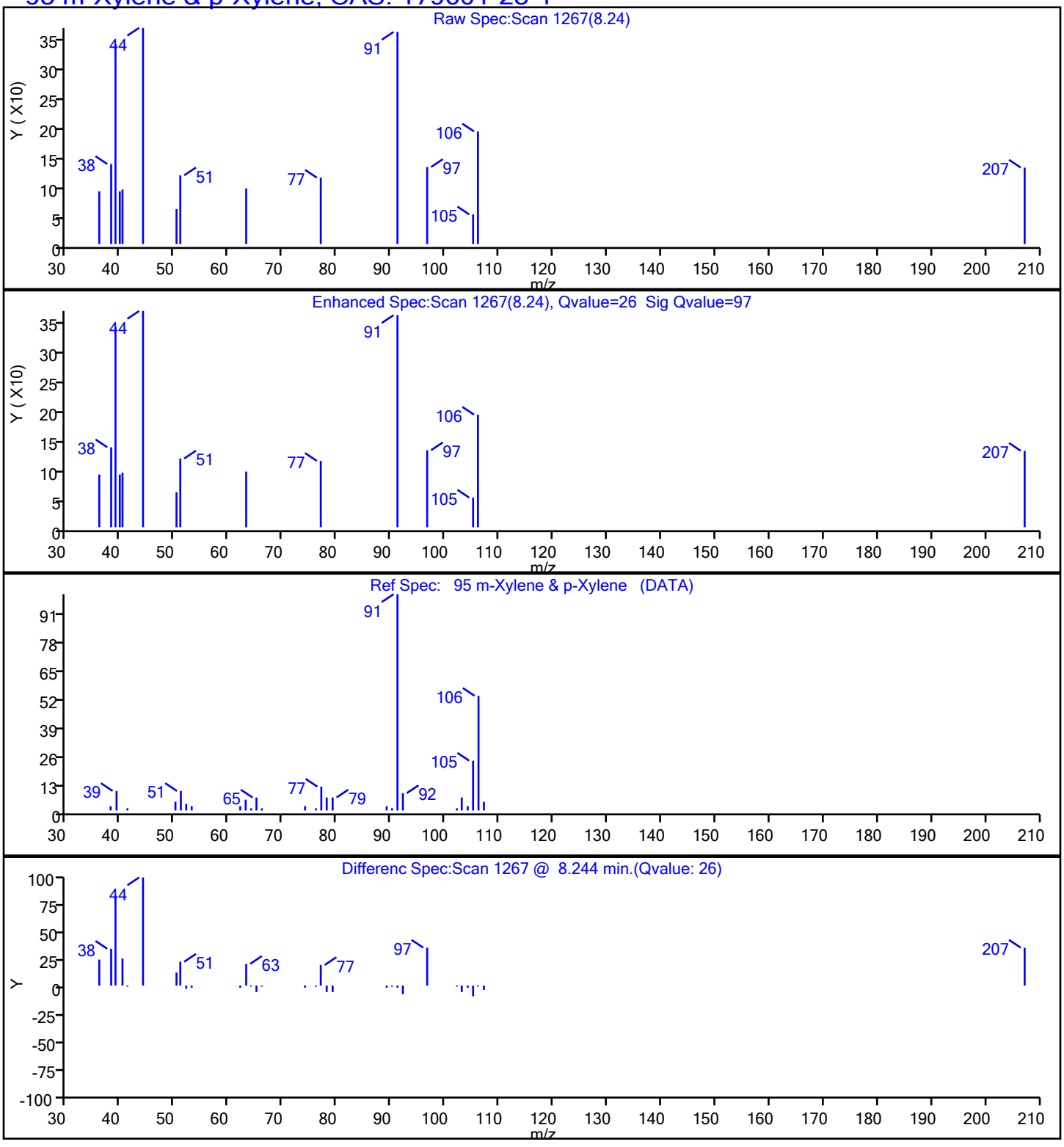
Report Date: 11-Apr-2022 10:58:11 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85452.D

Injection Date:	09-Apr-2022 00:13:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-14-A	Lab Sample ID:	460-255692-14
Client ID:	SB-12 (15-15.5)		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

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



Manual Integration/User Assign Peak Report

Eurofins Edison

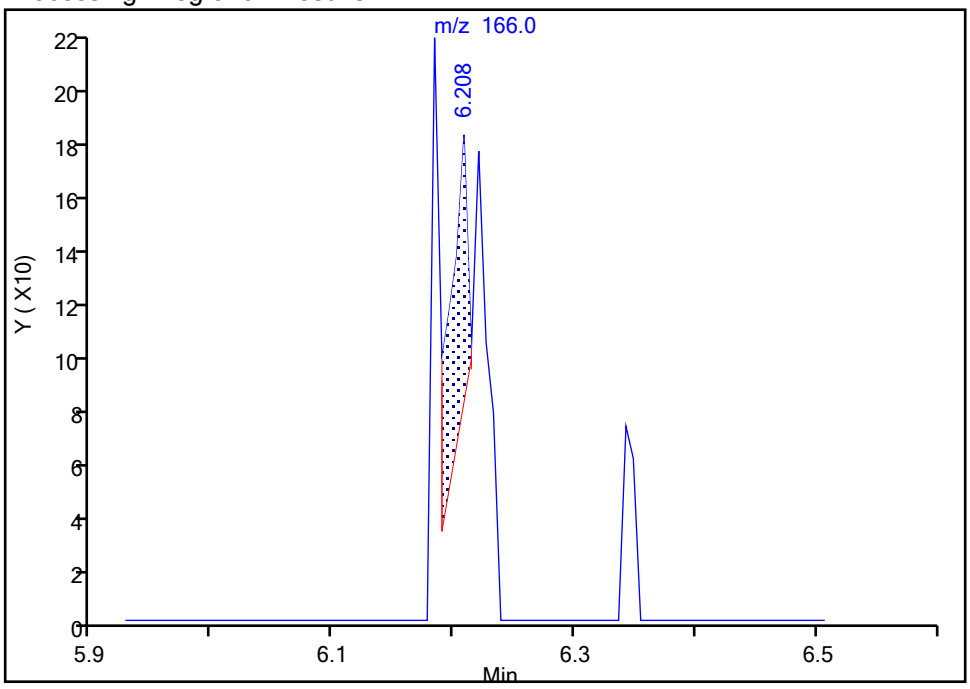
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85452.D
Injection Date: 09-Apr-2022 00:13:30 Instrument ID: CVOAMS2
Lims ID: 460-255692-B-14-A Lab Sample ID: 460-255692-14
Client ID: SB-12 (15-15.5)
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

85 Tetrachloroethene, CAS: 127-18-4

Signal: 1

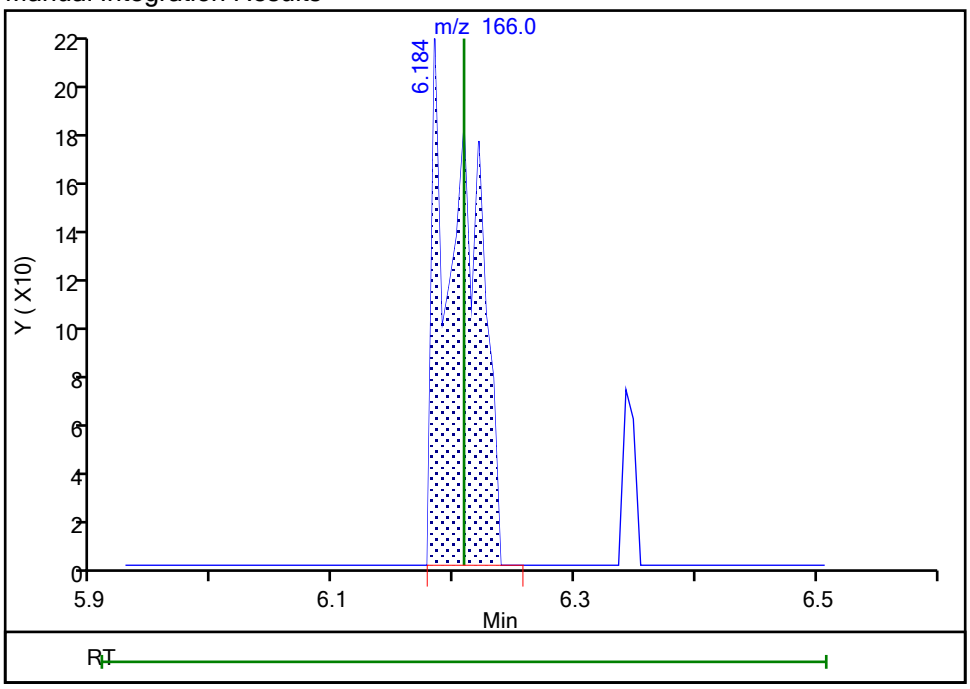
Processing Integration Results

RT: 6.21
Area: 111
Amount: 0.072459
Amount Units: ug/l



Manual Integration Results

RT: 6.18
Area: 438
Amount: 0.285917
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:57:43
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

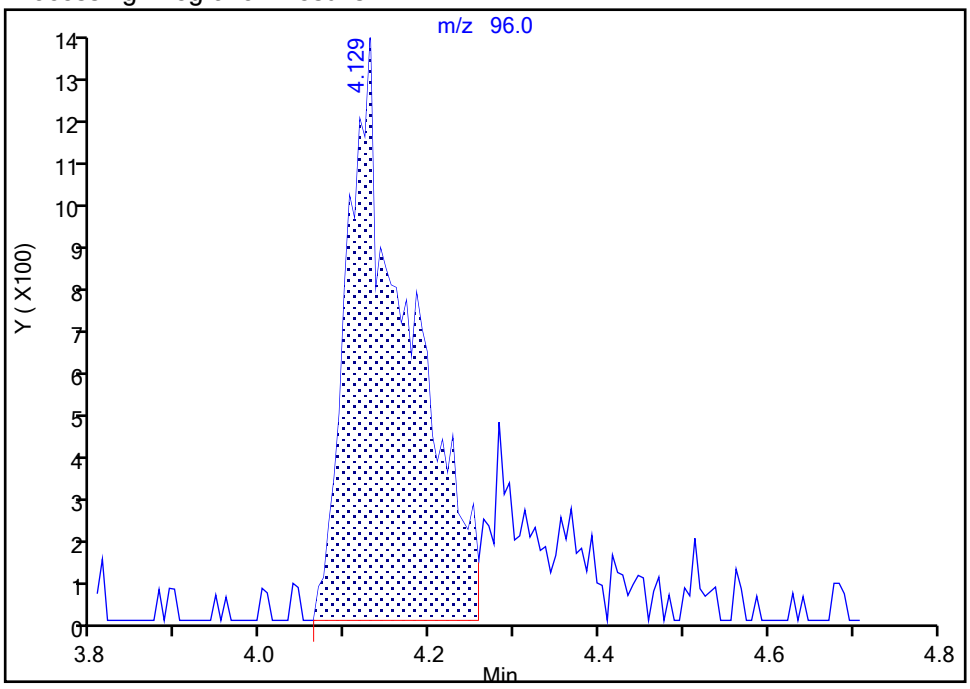
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85452.D				
Injection Date:	09-Apr-2022 00:13:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-14-A	Lab Sample ID:	460-255692-14		
Client ID:	SB-12 (15-15.5)				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

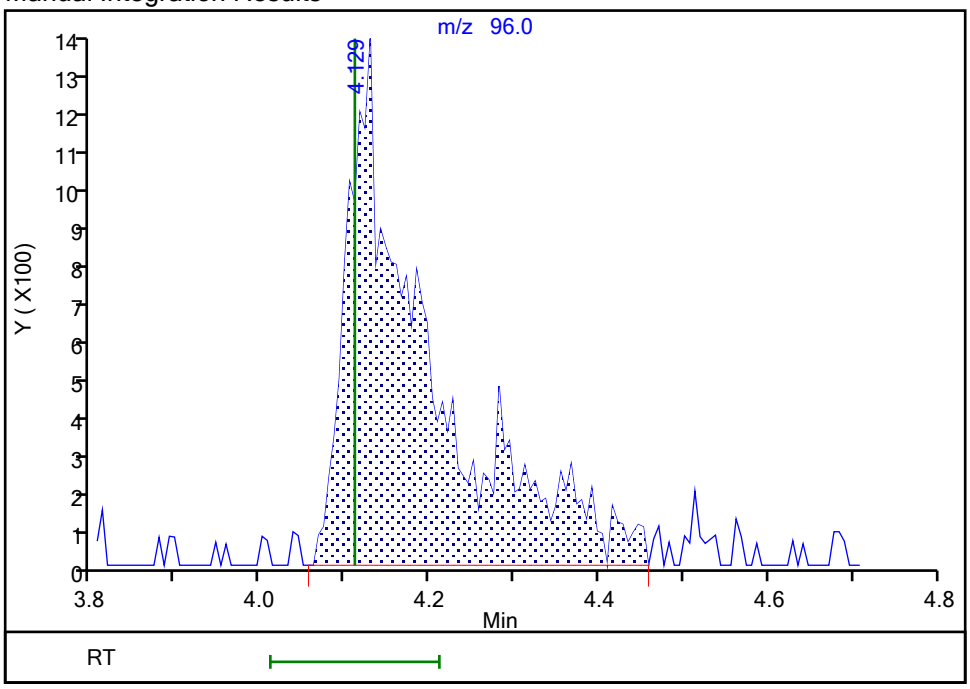
Processing Integration Results

RT: 4.13
Area: 7060
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.13
Area: 9159
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:57:26

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

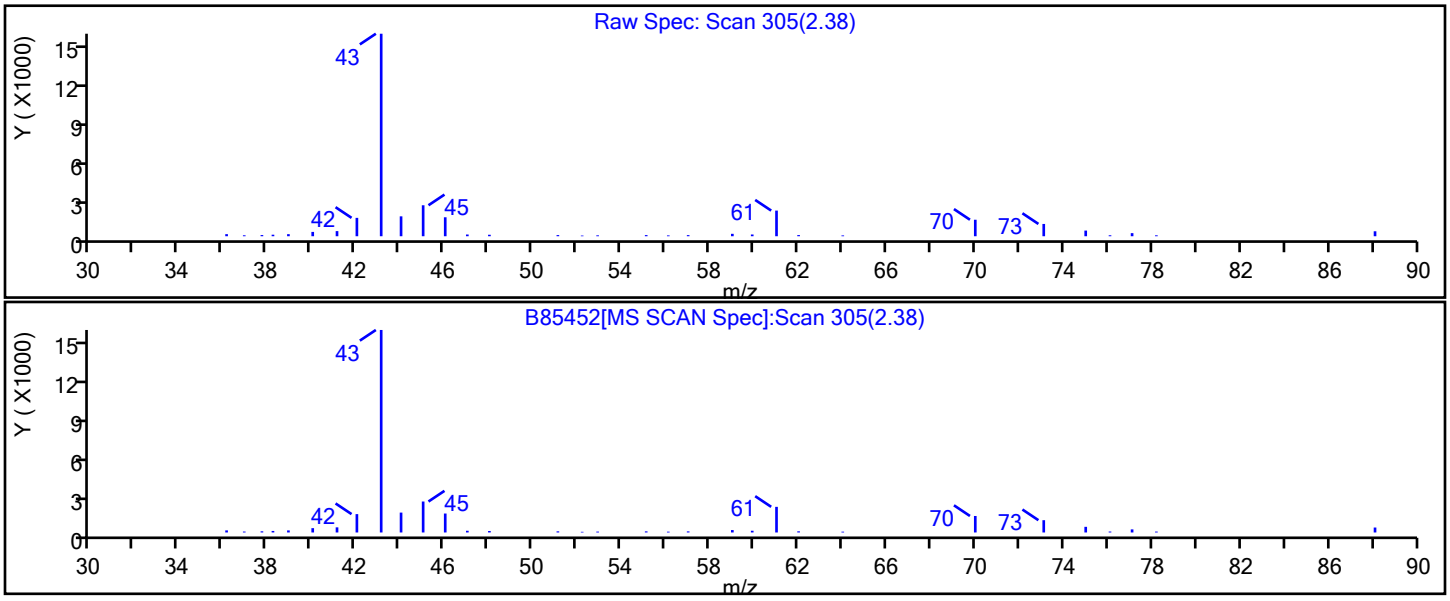
Report Date: 11-Apr-2022 10:58:12 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85452.D

Injection Date:	09-Apr-2022 00:13:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-14-A	Lab Sample ID:	460-255692-14
Client ID:	SB-12 (15-15.5)		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-10 (2.5-5) | Lab Sample ID: 460-255692-15

Matrix: Solid | Lab File ID: B85453.D

Analysis Method: 8260D | Date Collected: 04/05/2022 12:30

Sample wt/vol: 4.14(g) | Date Analyzed: 04/09/2022 00:34

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 3.0 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00029	U	0.0012	0.00029
79-34-5	1,1,2,2-Tetrachloroethane	0.00027	U	0.0012	0.00027
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00037	U *+	0.0012	0.00037
79-00-5	1,1,2-Trichloroethane	0.00022	U	0.0012	0.00022
75-34-3	1,1-Dichloroethane	0.00026	U	0.0012	0.00026
75-35-4	1,1-Dichloroethene	0.00028	U *+	0.0012	0.00028
87-61-6	1,2,3-Trichlorobenzene	0.00023	U	0.0012	0.00023
120-82-1	1,2,4-Trichlorobenzene	0.00045	U	0.0012	0.00045
95-63-6	1,2,4-Trimethylbenzene	0.00031	U	0.0012	0.00031
96-12-8	1,2-Dibromo-3-Chloropropane	0.00057	U	0.0012	0.00057
95-50-1	1,2-Dichlorobenzene	0.00045	U	0.0012	0.00045
107-06-2	1,2-Dichloroethane	0.00037	U	0.0012	0.00037
78-87-5	1,2-Dichloropropane	0.00053	U	0.0012	0.00053
108-67-8	1,3,5-Trimethylbenzene	0.00039	U	0.0012	0.00039
541-73-1	1,3-Dichlorobenzene	0.00045	U	0.0012	0.00045
106-46-7	1,4-Dichlorobenzene	0.00028	U	0.0012	0.00028
78-93-3	2-Butanone (MEK)	0.00046	U	0.0062	0.00046
591-78-6	2-Hexanone	0.0021	U	0.0062	0.0021
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0019	U	0.0062	0.0019
67-64-1	Acetone	0.033		0.0075	0.0071
71-43-2	Benzene	0.00032	U	0.0012	0.00032
75-25-2	Bromoform	0.00053	U	0.0012	0.00053
74-83-9	Bromomethane	0.0012	U	0.0025	0.0012
75-15-0	Carbon disulfide	0.00033	U	0.0012	0.00033
56-23-5	Carbon tetrachloride	0.00048	U	0.0012	0.00048
108-90-7	Chlorobenzene	0.00022	U	0.0012	0.00022
74-97-5	Chlorobromomethane	0.00035	U	0.0012	0.00035
124-48-1	Chlorodibromomethane	0.00024	U	0.0012	0.00024
75-00-3	Chloroethane	0.00065	U	0.0012	0.00065
67-66-3	Chloroform	0.0012	U	0.0012	0.0012
74-87-3	Chloromethane	0.00054	U	0.0012	0.00054
156-59-2	cis-1,2-Dichloroethene	0.00045	U	0.0012	0.00045
10061-01-5	cis-1,3-Dichloropropene	0.00034	U	0.0012	0.00034
110-82-7	Cyclohexane	0.00028	U	0.0012	0.00028
75-27-4	Dichlorobromomethane	0.00032	U	0.0012	0.00032

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-10 (2.5-5) | Lab Sample ID: 460-255692-15

Matrix: Solid | Lab File ID: B85453.D

Analysis Method: 8260D | Date Collected: 04/05/2022 12:30

Sample wt/vol: 4.14(g) | Date Analyzed: 04/09/2022 00:34

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 3.0 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.00042	U	0.0012	0.00042
100-41-4	Ethylbenzene	0.00025	U	0.0012	0.00025
106-93-4	Ethylene Dibromide	0.00022	U	0.0012	0.00022
98-82-8	Isopropylbenzene	0.00035	U	0.0012	0.00035
79-20-9	Methyl acetate	0.0054	U	0.0062	0.0054
1634-04-4	Methyl tert-butyl ether	0.00064	U	0.0012	0.00064
108-87-2	Methylcyclohexane	0.00062	U	0.0012	0.00062
75-09-2	Methylene Chloride	0.0014	U	0.0025	0.0014
179601-23-1	m-Xylene & p-Xylene	0.00022	U	0.0012	0.00022
104-51-8	n-Butylbenzene	0.00037	U	0.0012	0.00037
103-65-1	N-Propylbenzene	0.00022	U	0.0012	0.00022
95-47-6	o-Xylene	0.00024	U	0.0012	0.00024
135-98-8	sec-Butylbenzene	0.00036	U	0.0012	0.00036
100-42-5	Styrene	0.00035	U	0.0012	0.00035
98-06-6	tert-Butylbenzene	0.00034	U	0.0012	0.00034
127-18-4	Tetrachloroethene	0.024		0.0012	0.00038
108-88-3	Toluene	0.00029	U	0.0012	0.00029
156-60-5	trans-1,2-Dichloroethene	0.00031	U	0.0012	0.00031
10061-02-6	trans-1,3-Dichloropropene	0.00033	U	0.0012	0.00033
79-01-6	Trichloroethene	0.00040	U	0.0012	0.00040
75-69-4	Trichlorofluoromethane	0.00051	U	0.0012	0.00051
75-01-4	Vinyl chloride	0.00068	U	0.0012	0.00068
1330-20-7	Xylenes, Total	0.00080	U	0.0025	0.00080

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		77-145
460-00-4	4-Bromofluorobenzene	94		70-139
1868-53-7	Dibromofluoromethane (Surr)	104		48-150
2037-26-5	Toluene-d8 (Surr)	96		80-120

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

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-10 (2.5-5) | Lab Sample ID: 460-255692-15

Matrix: Solid | Lab File ID: B85453.D

Analysis Method: 8260D | Date Collected: 04/05/2022 12:30

Sample wt/vol: 4.14(g) | Date Analyzed: 04/09/2022 00:34

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 3.0 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85453.D
Lims ID: 460-255692-B-15-A
Client ID: SB-10 (2.5-5)
Sample Type: Client
Inject. Date: 09-Apr-2022 00:34:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-15-A
Misc. Info.: 460-0143790-025
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:58:41 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:10:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.246	1.252	-0.006	87	16498	26.6	
* 29 TBA-d9 (IS)	65	1.520	1.532	-0.012	0	282983	1000.0	
* 40 2-Butanone-d5	46	2.270	2.270	0.000	0	231752	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.690	2.697	-0.007	96	100579	52.2	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.971	2.971	0.000	0	116837	51.2	
* 60 Fluorobenzene	96	3.306	3.306	0.000	97	391216	50.0	
* 69 1,4-Dioxane-d8	96	4.135	4.111	0.024	0	8648	1000.0	sM
$ 79 Toluene-d8 (Surr)	98	5.281	5.281	0.000	97	329593	48.1	
85 Tetrachloroethene	166	6.208	6.208	0.000	94	28923	19.0	
* 91 Chlorobenzene-d5	117	7.641	7.641	0.000	90	236440	50.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	89	73647	46.8	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	97	111883	50.0	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00227 Amount Added: 1.00 Units: uL Run Reagent

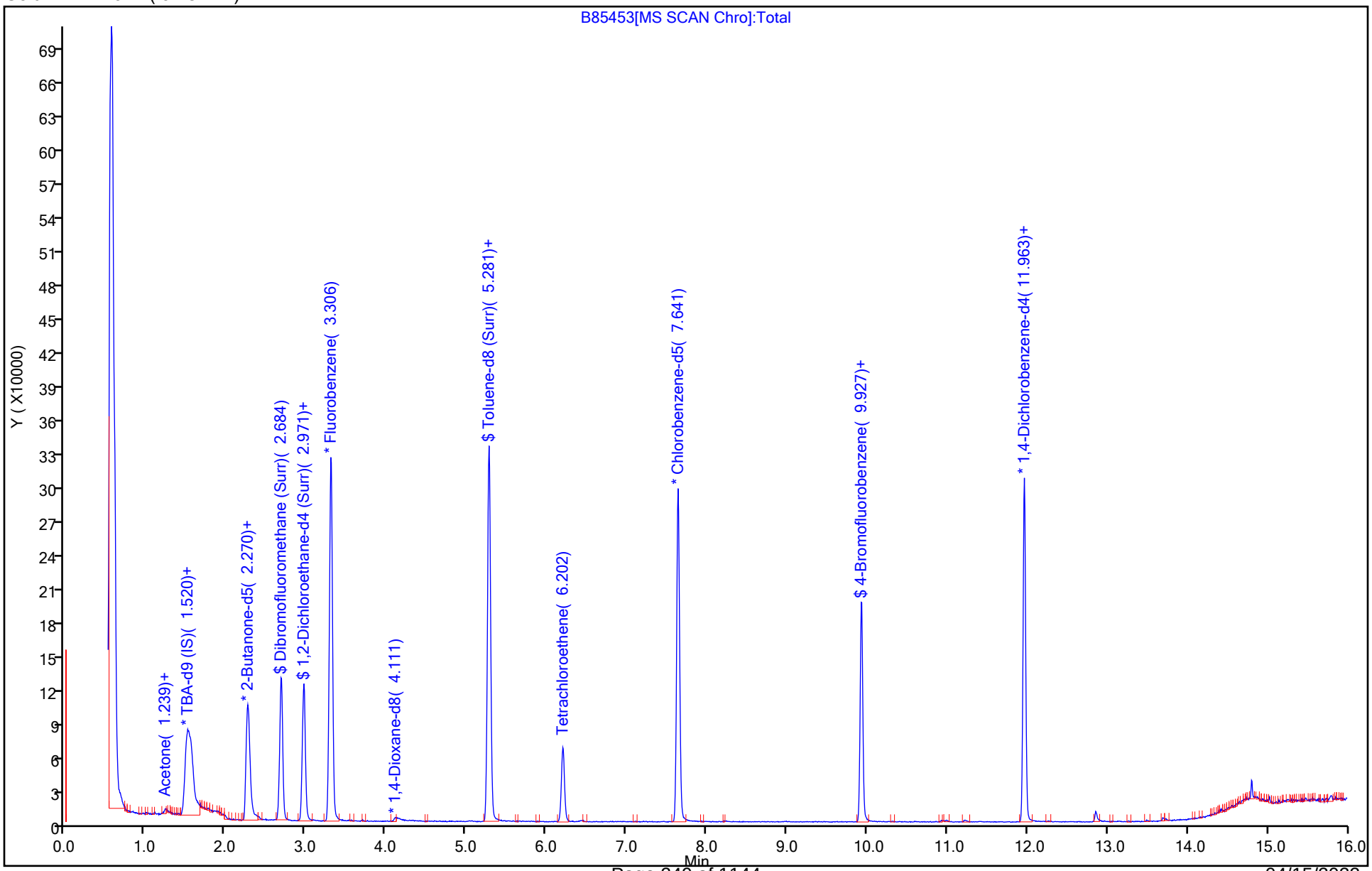
Report Date: 11-Apr-2022 10:58:41 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85453.D

Injection Date:	09-Apr-2022 00:34:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-255692-B-15-A	Lab Sample ID:	460-255692-15	Worklist Smp#:	25
Client ID:	SB-10 (2.5-5)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85453.D
Lims ID: 460-255692-B-15-A
Client ID: SB-10 (2.5-5)
Sample Type: Client
Inject. Date: 09-Apr-2022 00:34:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-15-A
Misc. Info.: 460-0143790-025
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:58:41 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:10:10

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	52.2	104.41
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	51.2	102.37
$ 79 Toluene-d8 (Surr)	50.0	48.1	96.17
$ 103 4-Bromofluorobenzene	50.0	46.8	93.55

Report Date: 11-Apr-2022 10:58:41 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85453.D

Injection Date: 09-Apr-2022 00:34:30 Instrument ID: CVOAMS2

Lims ID: 460-255692-B-15-A Lab Sample ID: 460-255692-15

Client ID: SB-10 (2.5-5)

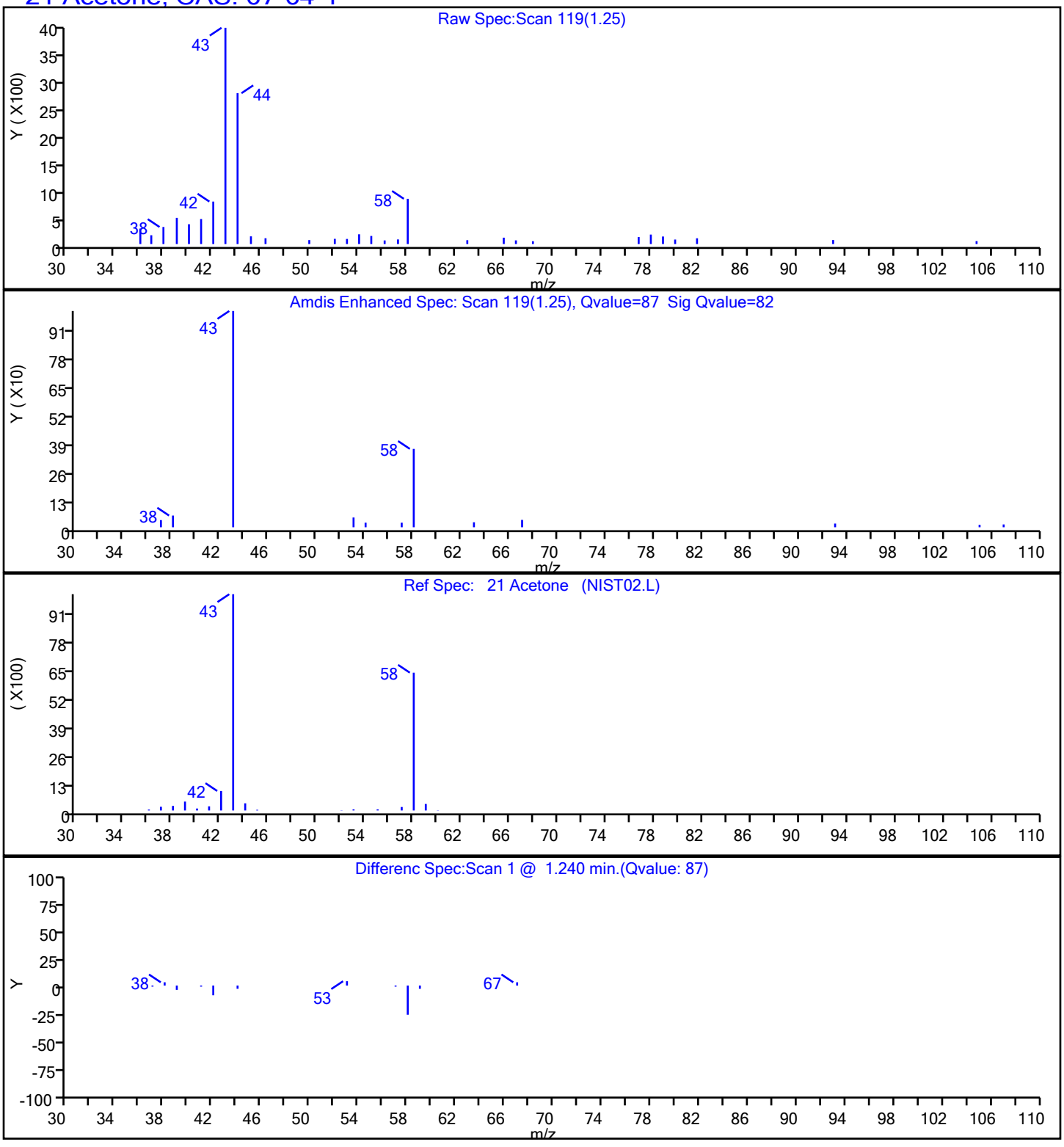
Operator ID: ALS Bottle#: 24 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS SCAN

21 Acetone, CAS: 67-64-1



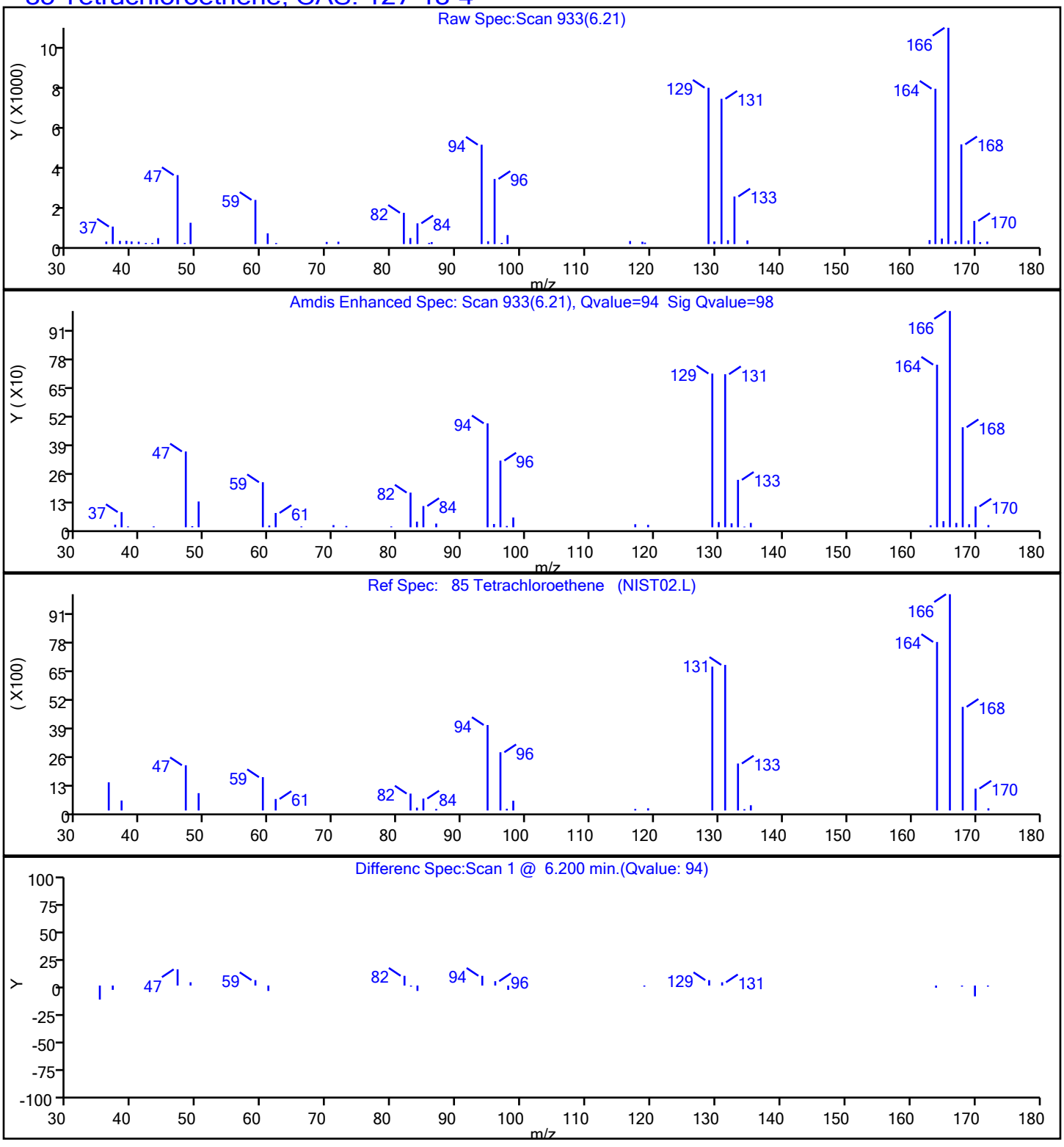
Report Date: 11-Apr-2022 10:58:41 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85453.D

Injection Date:	09-Apr-2022 00:34:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-15-A	Lab Sample ID:	460-255692-15
Client ID:	SB-10 (2.5-5)		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

85 Tetrachloroethene, CAS: 127-18-4



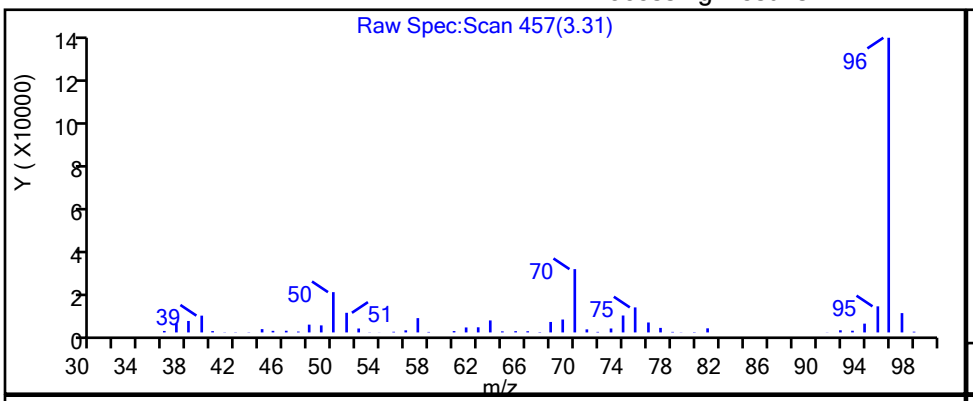
User Disabled Compound Report

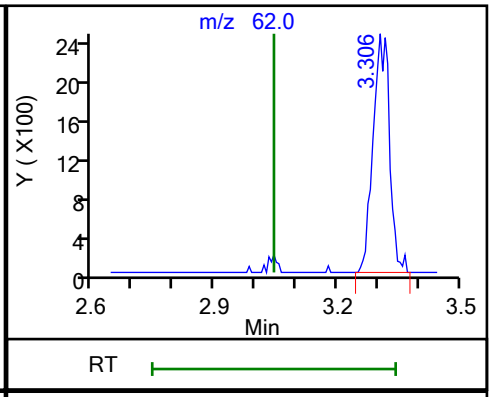
Eurofins Edison

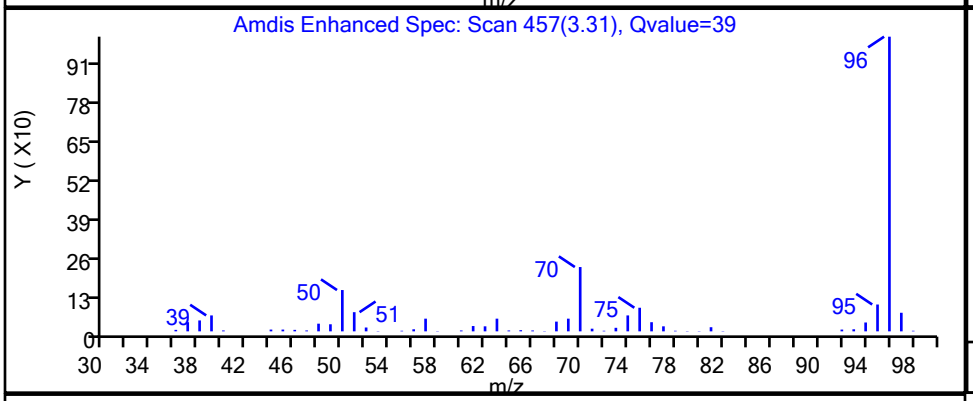
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85453.D				
Injection Date:	09-Apr-2022 00:34:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-15-A	Lab Sample ID:	460-255692-15		
Client ID:	SB-10 (2.5-5)				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

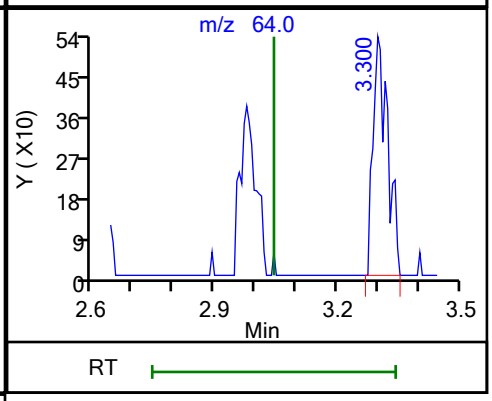
57 1,2-Dichloroethane, CAS: 107-06-2

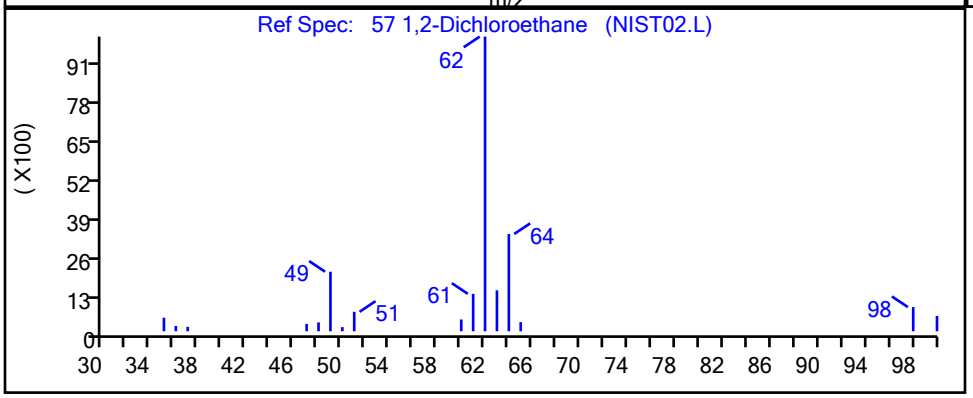
Processing Results











RT	Mass	Response	Amount
3.31	62.00	6847	2.660845
3.30	64.00	1351	

Reviewer: tupayachia, 09-Apr-2022 07:09:56

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

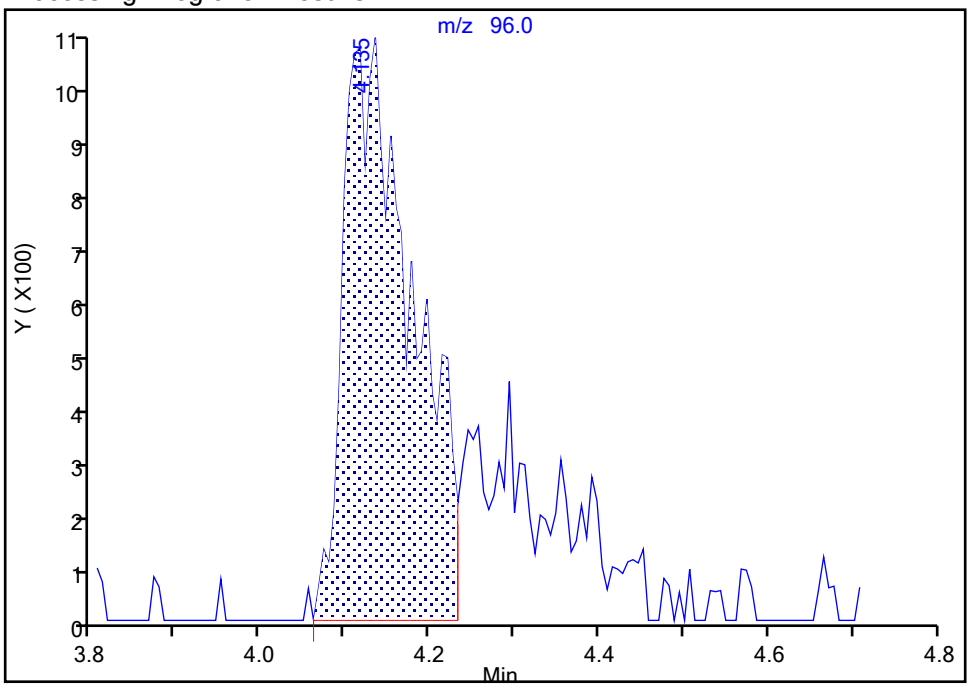
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85453.D				
Injection Date:	09-Apr-2022 00:34:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-15-A	Lab Sample ID:	460-255692-15		
Client ID:	SB-10 (2.5-5)				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

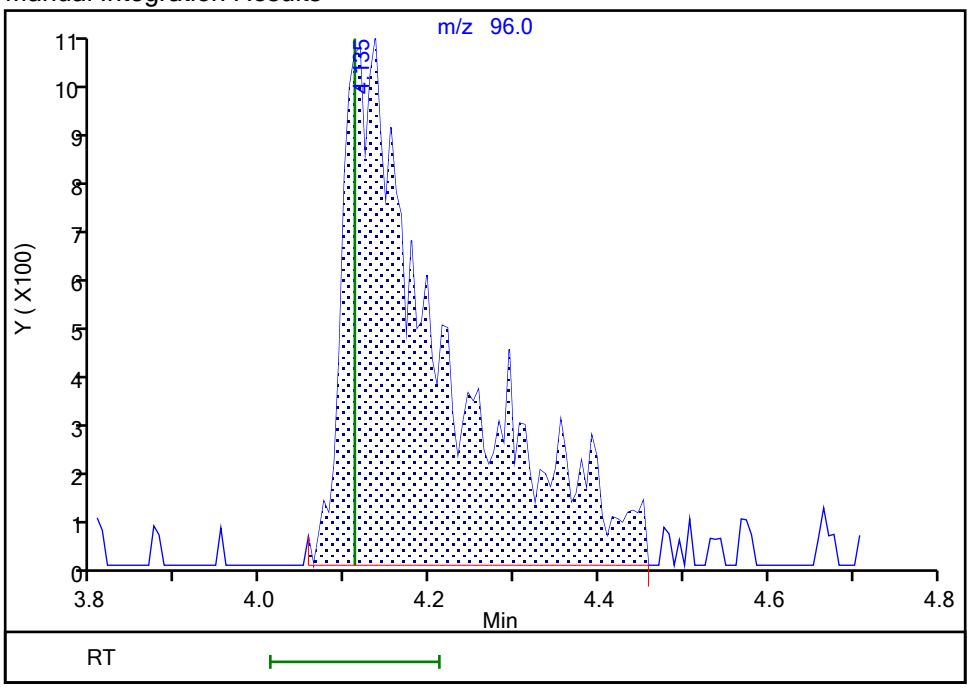
Processing Integration Results

RT: 4.14
Area: 5988
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.14
Area: 8648
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:58:23

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-10 (7-7.5) | Lab Sample ID: 460-255692-16

Matrix: Solid | Lab File ID: B85454.D

Analysis Method: 8260D | Date Collected: 04/05/2022 12:35

Sample wt/vol: 4.13(g) | Date Analyzed: 04/09/2022 00:56

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 3.3 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00029	U	0.0013	0.00029
79-34-5	1,1,2,2-Tetrachloroethane	0.00027	U	0.0013	0.00027
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00038	U *+	0.0013	0.00038
79-00-5	1,1,2-Trichloroethane	0.00022	U	0.0013	0.00022
75-34-3	1,1-Dichloroethane	0.00026	U	0.0013	0.00026
75-35-4	1,1-Dichloroethene	0.00028	U *+	0.0013	0.00028
87-61-6	1,2,3-Trichlorobenzene	0.00023	U	0.0013	0.00023
120-82-1	1,2,4-Trichlorobenzene	0.00045	U	0.0013	0.00045
95-63-6	1,2,4-Trimethylbenzene	0.00031	U	0.0013	0.00031
96-12-8	1,2-Dibromo-3-Chloropropane	0.00058	U	0.0013	0.00058
95-50-1	1,2-Dichlorobenzene	0.00045	U	0.0013	0.00045
107-06-2	1,2-Dichloroethane	0.00037	U	0.0013	0.00037
78-87-5	1,2-Dichloropropane	0.00053	U	0.0013	0.00053
108-67-8	1,3,5-Trimethylbenzene	0.00039	U	0.0013	0.00039
541-73-1	1,3-Dichlorobenzene	0.00046	U	0.0013	0.00046
106-46-7	1,4-Dichlorobenzene	0.00028	U	0.0013	0.00028
78-93-3	2-Butanone (MEK)	0.00046	U	0.0063	0.00046
591-78-6	2-Hexanone	0.0021	U	0.0063	0.0021
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0019	U	0.0063	0.0019
67-64-1	Acetone	0.049		0.0075	0.0072
71-43-2	Benzene	0.00032	U	0.0013	0.00032
75-25-2	Bromoform	0.00053	U	0.0013	0.00053
74-83-9	Bromomethane	0.0013	U	0.0025	0.0013
75-15-0	Carbon disulfide	0.00033	U	0.0013	0.00033
56-23-5	Carbon tetrachloride	0.00048	U	0.0013	0.00048
108-90-7	Chlorobenzene	0.00022	U	0.0013	0.00022
74-97-5	Chlorobromomethane	0.00035	U	0.0013	0.00035
124-48-1	Chlorodibromomethane	0.00024	U	0.0013	0.00024
75-00-3	Chloroethane	0.00065	U	0.0013	0.00065
67-66-3	Chloroform	0.0012	U	0.0013	0.0012
74-87-3	Chloromethane	0.00054	U	0.0013	0.00054
156-59-2	cis-1,2-Dichloroethene	0.00045	U	0.0013	0.00045
10061-01-5	cis-1,3-Dichloropropene	0.00034	U	0.0013	0.00034
110-82-7	Cyclohexane	0.00028	U	0.0013	0.00028
75-27-4	Dichlorobromomethane	0.00032	U	0.0013	0.00032

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-10 (7-7.5) | Lab Sample ID: 460-255692-16

Matrix: Solid | Lab File ID: B85454.D

Analysis Method: 8260D | Date Collected: 04/05/2022 12:35

Sample wt/vol: 4.13(g) | Date Analyzed: 04/09/2022 00:56

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 3.3 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.00042	U	0.0013	0.00042
100-41-4	Ethylbenzene	0.00025	U	0.0013	0.00025
106-93-4	Ethylene Dibromide	0.00023	U	0.0013	0.00023
98-82-8	Isopropylbenzene	0.00036	U	0.0013	0.00036
79-20-9	Methyl acetate	0.0054	U	0.0063	0.0054
1634-04-4	Methyl tert-butyl ether	0.00064	U	0.0013	0.00064
108-87-2	Methylcyclohexane	0.00062	U	0.0013	0.00062
75-09-2	Methylene Chloride	0.0014	U	0.0025	0.0014
179601-23-1	m-Xylene & p-Xylene	0.00022	U	0.0013	0.00022
104-51-8	n-Butylbenzene	0.00037	U	0.0013	0.00037
103-65-1	N-Propylbenzene	0.00022	U	0.0013	0.00022
95-47-6	o-Xylene	0.00024	U	0.0013	0.00024
135-98-8	sec-Butylbenzene	0.00036	U	0.0013	0.00036
100-42-5	Styrene	0.00035	U	0.0013	0.00035
98-06-6	tert-Butylbenzene	0.00035	U	0.0013	0.00035
127-18-4	Tetrachloroethene	0.00080	J	0.0013	0.00038
108-88-3	Toluene	0.00029	U	0.0013	0.00029
156-60-5	trans-1,2-Dichloroethene	0.00031	U	0.0013	0.00031
10061-02-6	trans-1,3-Dichloropropene	0.00033	U	0.0013	0.00033
79-01-6	Trichloroethene	0.00040	U	0.0013	0.00040
75-69-4	Trichlorofluoromethane	0.00051	U	0.0013	0.00051
75-01-4	Vinyl chloride	0.00068	U	0.0013	0.00068
1330-20-7	Xylenes, Total	0.00080	U	0.0025	0.00080

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		77-145
460-00-4	4-Bromofluorobenzene	96		70-139
1868-53-7	Dibromofluoromethane (Surr)	105		48-150
2037-26-5	Toluene-d8 (Surr)	96		80-120

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

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-10 (7-7.5) | Lab Sample ID: 460-255692-16

Matrix: Solid | Lab File ID: B85454.D

Analysis Method: 8260D | Date Collected: 04/05/2022 12:35

Sample wt/vol: 4.13(g) | Date Analyzed: 04/09/2022 00:56

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 3.3 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85454.D
Lims ID: 460-255692-B-16-A
Client ID: SB-10 (7-7.5)
Sample Type: Client
Inject. Date: 09-Apr-2022 00:56:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-16-A
Misc. Info.: 460-0143790-026
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:59:24 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:11:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.252	1.252	0.000	84	26527	38.8	
* 29 TBA-d9 (IS)	65	1.532	1.532	0.000	0	326081	1000.0	
* 40 2-Butanone-d5	46	2.276	2.270	0.006	0	255170	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.690	2.697	-0.007	95	101892	52.3	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.971	2.971	0.000	0	117754	51.0	
* 60 Fluorobenzene	96	3.312	3.306	0.006	97	395650	50.0	
* 69 1,4-Dioxane-d8	96	4.111	4.111	0.000	0	10581	1000.0	
$ 79 Toluene-d8 (Surr)	98	5.281	5.281	0.000	98	325969	48.2	
85 Tetrachloroethene	166	6.202	6.208	-0.006	84	961	0.6387	M
* 91 Chlorobenzene-d5	117	7.641	7.641	0.000	90	233513	50.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	90	73852	48.0	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	97	109288	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00227 Amount Added: 1.00 Units: uL Run Reagent

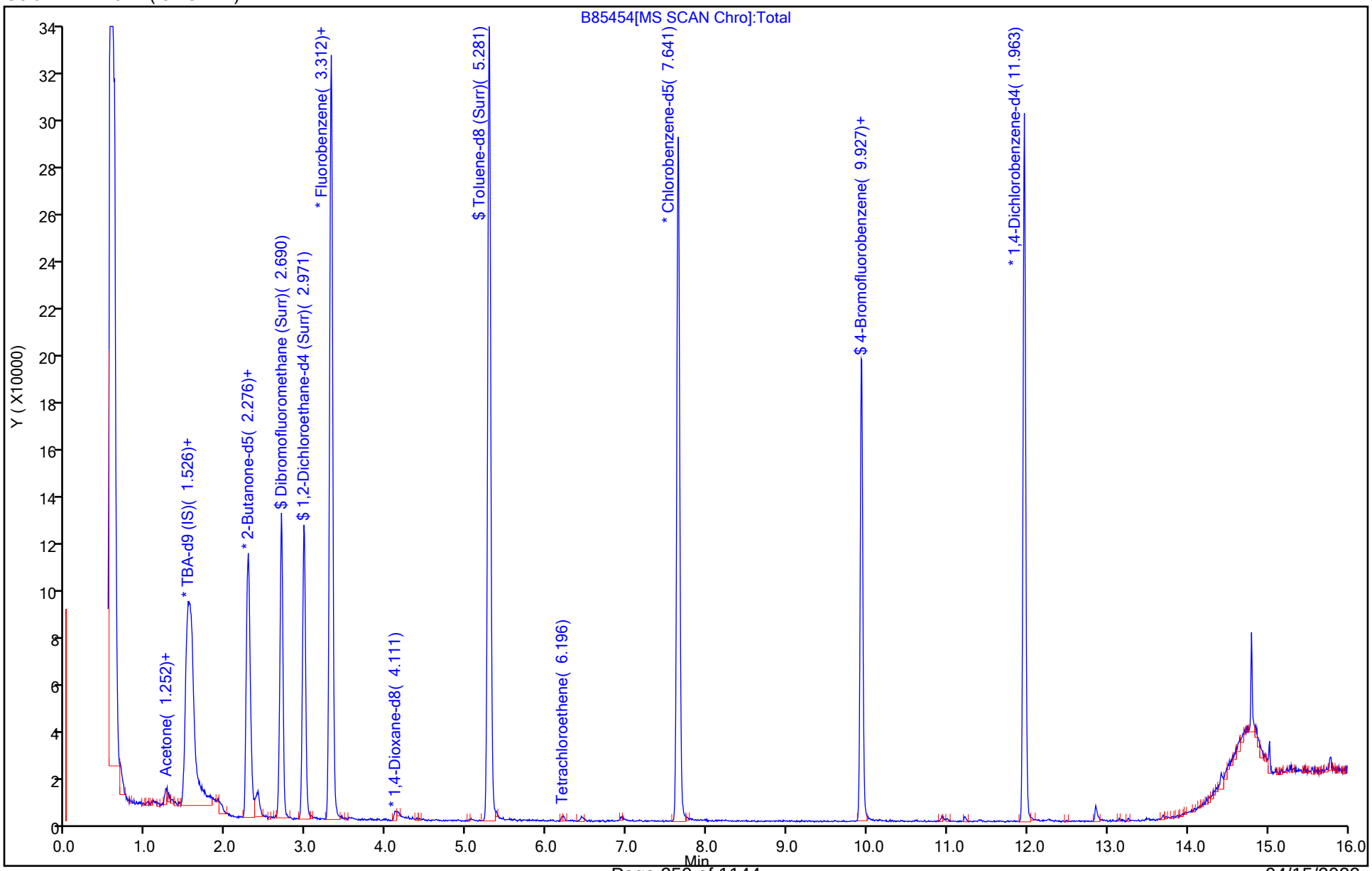
Report Date: 11-Apr-2022 10:59:25 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85454.D

Injection Date:	09-Apr-2022 00:56:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-255692-B-16-A	Lab Sample ID:	460-255692-16	Worklist Smp#:	26
Client ID:	SB-10 (7-7.5)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85454.D
Lims ID: 460-255692-B-16-A
Client ID: SB-10 (7-7.5)
Sample Type: Client
Inject. Date: 09-Apr-2022 00:56:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-16-A
Misc. Info.: 460-0143790-026
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:59:24 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

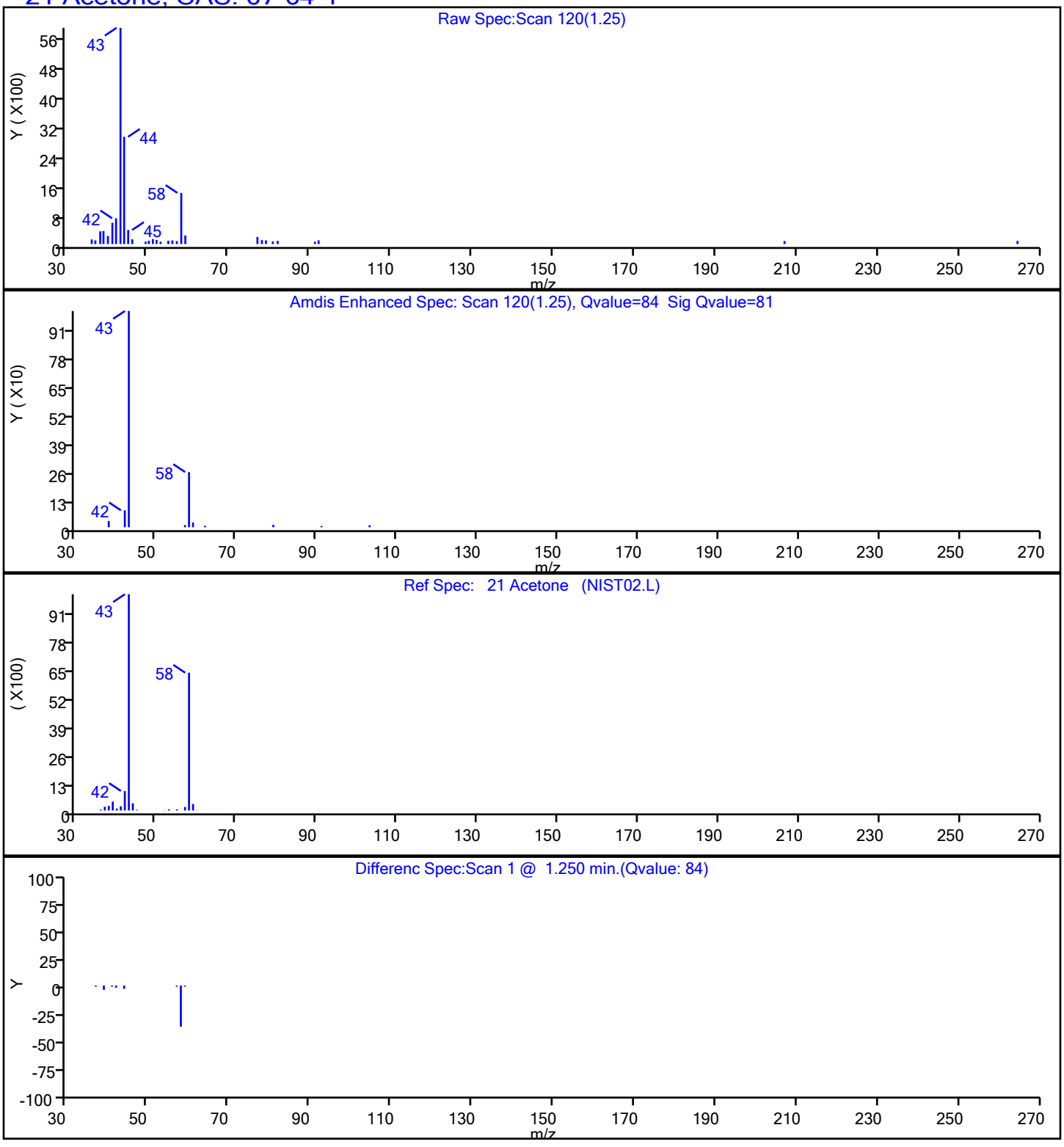
First Level Reviewer: tupayachia Date: 09-Apr-2022 07:11:53

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	52.3	104.58
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	51.0	102.01
$ 79 Toluene-d8 (Surr)	50.0	48.2	96.31
$ 103 4-Bromofluorobenzene	50.0	48.0	96.04

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85454.D		
Injection Date:	09-Apr-2022 00:56:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-16-A	Lab Sample ID:	460-255692-16
Client ID:	SB-10 (7-7.5)		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

21 Acetone, CAS: 67-64-1



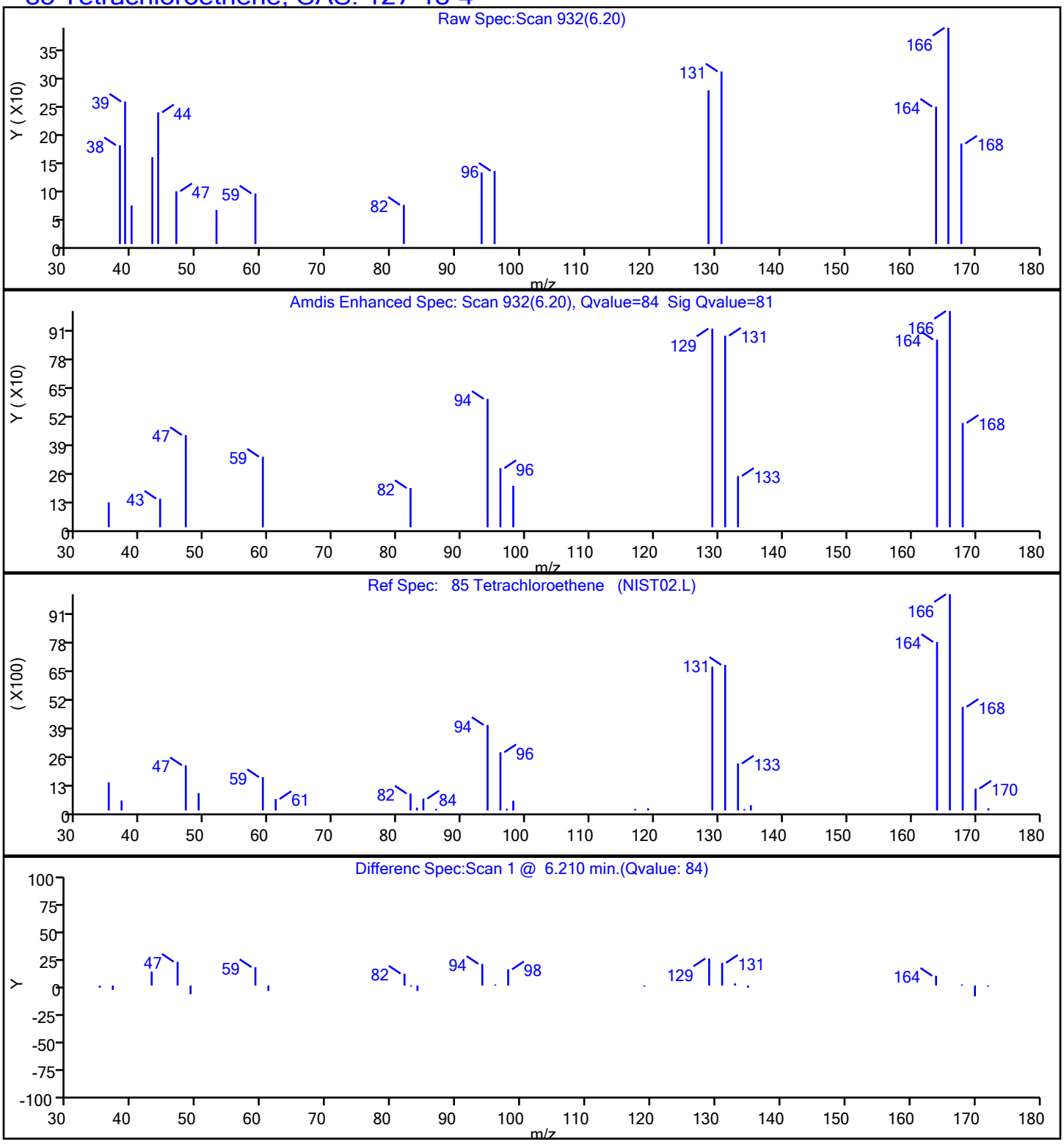
Report Date: 11-Apr-2022 10:59:25 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85454.D

Injection Date:	09-Apr-2022 00:56:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-16-A	Lab Sample ID:	460-255692-16
Client ID:	SB-10 (7-7.5)		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

85 Tetrachloroethene, CAS: 127-18-4



Manual Integration/User Assign Peak Report

Eurofins Edison

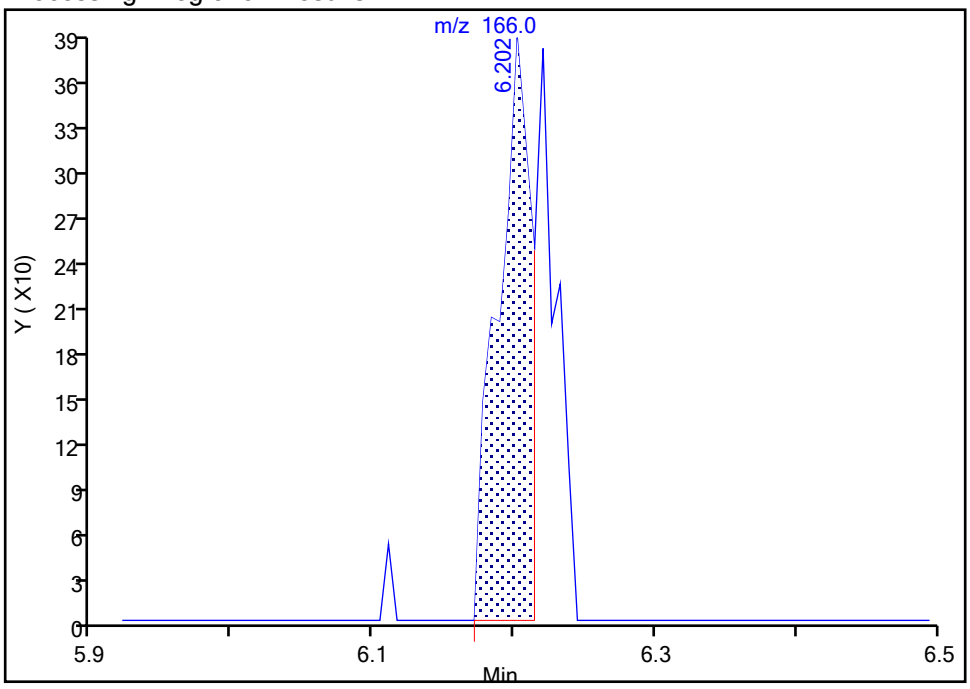
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85454.D				
Injection Date:	09-Apr-2022 00:56:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-16-A	Lab Sample ID:	460-255692-16		
Client ID:	SB-10 (7-7.5)				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

85 Tetrachloroethene, CAS: 127-18-4

Signal: 1

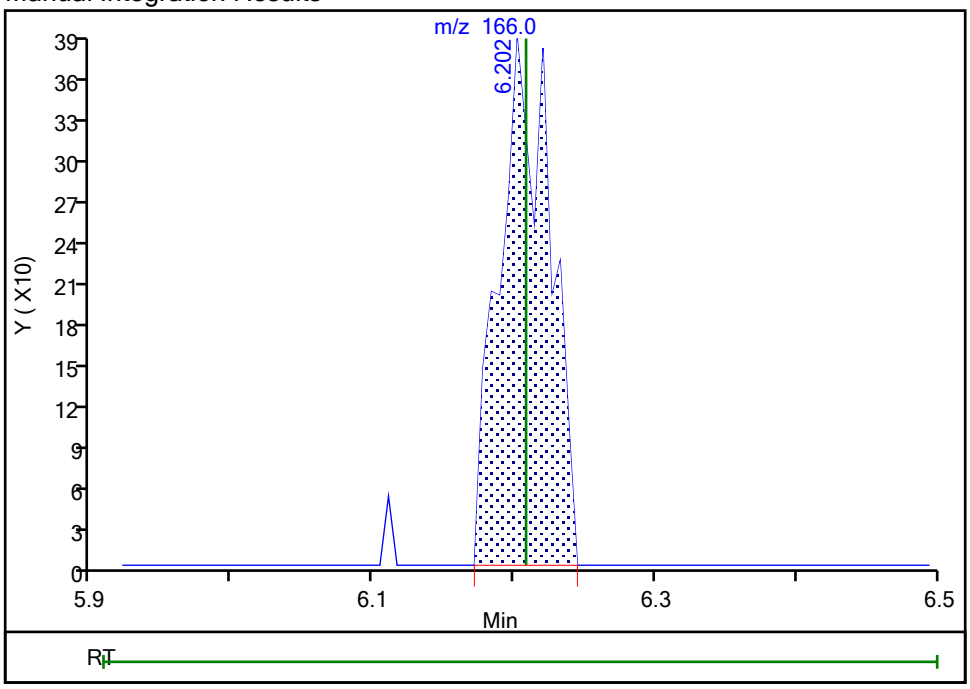
Processing Integration Results

RT: 6.20
Area: 635
Amount: 0.422057
Amount Units: ug/l



Manual Integration Results

RT: 6.20
Area: 961
Amount: 0.638736
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:59:15

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-10 (15-15.5) | Lab Sample ID: 460-255692-17

Matrix: Solid | Lab File ID: B85455.D

Analysis Method: 8260D | Date Collected: 04/05/2022 12:40

Sample wt/vol: 3.96(g) | Date Analyzed: 04/09/2022 01:19

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 7.8 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00032	U	0.0014	0.00032
79-34-5	1,1,2,2-Tetrachloroethane	0.00029	U	0.0014	0.00029
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00041	U *+	0.0014	0.00041
79-00-5	1,1,2-Trichloroethane	0.00024	U	0.0014	0.00024
75-34-3	1,1-Dichloroethane	0.00028	U	0.0014	0.00028
75-35-4	1,1-Dichloroethene	0.00031	U *+	0.0014	0.00031
87-61-6	1,2,3-Trichlorobenzene	0.00025	U	0.0014	0.00025
120-82-1	1,2,4-Trichlorobenzene	0.00049	U	0.0014	0.00049
95-63-6	1,2,4-Trimethylbenzene	0.00034	U	0.0014	0.00034
96-12-8	1,2-Dibromo-3-Chloropropane	0.00063	U	0.0014	0.00063
95-50-1	1,2-Dichlorobenzene	0.00049	U	0.0014	0.00049
107-06-2	1,2-Dichloroethane	0.00041	U	0.0014	0.00041
78-87-5	1,2-Dichloropropane	0.00058	U	0.0014	0.00058
108-67-8	1,3,5-Trimethylbenzene	0.00043	U	0.0014	0.00043
541-73-1	1,3-Dichlorobenzene	0.00050	U	0.0014	0.00050
106-46-7	1,4-Dichlorobenzene	0.00031	U	0.0014	0.00031
78-93-3	2-Butanone (MEK)	0.00050	U	0.0069	0.00050
591-78-6	2-Hexanone	0.0023	U	0.0069	0.0023
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0021	U	0.0069	0.0021
67-64-1	Acetone	0.051		0.0082	0.0078
71-43-2	Benzene	0.00035	U	0.0014	0.00035
75-25-2	Bromoform	0.00058	U	0.0014	0.00058
74-83-9	Bromomethane	0.0014	U	0.0027	0.0014
75-15-0	Carbon disulfide	0.00036	U	0.0014	0.00036
56-23-5	Carbon tetrachloride	0.00053	U	0.0014	0.00053
108-90-7	Chlorobenzene	0.00024	U	0.0014	0.00024
74-97-5	Chlorobromomethane	0.00038	U	0.0014	0.00038
124-48-1	Chlorodibromomethane	0.00027	U	0.0014	0.00027
75-00-3	Chloroethane	0.00072	U	0.0014	0.00072
67-66-3	Chloroform	0.0013	U	0.0014	0.0013
74-87-3	Chloromethane	0.00060	U	0.0014	0.00060
156-59-2	cis-1,2-Dichloroethene	0.00049	U	0.0014	0.00049
10061-01-5	cis-1,3-Dichloropropene	0.00037	U	0.0014	0.00037
110-82-7	Cyclohexane	0.00030	U	0.0014	0.00030
75-27-4	Dichlorobromomethane	0.00035	U	0.0014	0.00035

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-10 (15-15.5) | Lab Sample ID: 460-255692-17

Matrix: Solid | Lab File ID: B85455.D

Analysis Method: 8260D | Date Collected: 04/05/2022 12:40

Sample wt/vol: 3.96(g) | Date Analyzed: 04/09/2022 01:19

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 7.8 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.00046	U	0.0014	0.00046
100-41-4	Ethylbenzene	0.00027	U	0.0014	0.00027
106-93-4	Ethylene Dibromide	0.00025	U	0.0014	0.00025
98-82-8	Isopropylbenzene	0.00039	U	0.0014	0.00039
79-20-9	Methyl acetate	0.0059	U	0.0069	0.0059
1634-04-4	Methyl tert-butyl ether	0.00070	U	0.0014	0.00070
108-87-2	Methylcyclohexane	0.00068	U	0.0014	0.00068
75-09-2	Methylene Chloride	0.0016	U	0.0027	0.0016
179601-23-1	m-Xylene & p-Xylene	0.00024	U	0.0014	0.00024
104-51-8	n-Butylbenzene	0.00040	U	0.0014	0.00040
103-65-1	N-Propylbenzene	0.00024	U	0.0014	0.00024
95-47-6	o-Xylene	0.00027	U	0.0014	0.00027
135-98-8	sec-Butylbenzene	0.00039	U	0.0014	0.00039
100-42-5	Styrene	0.00038	U	0.0014	0.00038
98-06-6	tert-Butylbenzene	0.00038	U	0.0014	0.00038
127-18-4	Tetrachloroethene	0.00092	J	0.0014	0.00042
108-88-3	Toluene	0.00032	U	0.0014	0.00032
156-60-5	trans-1,2-Dichloroethene	0.00034	U	0.0014	0.00034
10061-02-6	trans-1,3-Dichloropropene	0.00036	U	0.0014	0.00036
79-01-6	Trichloroethene	0.00044	U	0.0014	0.00044
75-69-4	Trichlorofluoromethane	0.00056	U	0.0014	0.00056
75-01-4	Vinyl chloride	0.00075	U	0.0014	0.00075
1330-20-7	Xylenes, Total	0.00088	U	0.0027	0.00088

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		77-145
460-00-4	4-Bromofluorobenzene	90		70-139
1868-53-7	Dibromofluoromethane (Surr)	102		48-150
2037-26-5	Toluene-d8 (Surr)	94		80-120

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

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-10 (15-15.5) | Lab Sample ID: 460-255692-17

Matrix: Solid | Lab File ID: B85455.D

Analysis Method: 8260D | Date Collected: 04/05/2022 12:40

Sample wt/vol: 3.96(g) | Date Analyzed: 04/09/2022 01:19

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 7.8 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85455.D
Lims ID: 460-255692-B-17-A
Client ID: SB-10 (15-15.5)
Sample Type: Client
Inject. Date: 09-Apr-2022 01:19:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-17-A
Misc. Info.: 460-0143790-027
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 11:00:18 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:12:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.252	1.252	0.000	88	24174	37.3	
* 29 TBA-d9 (IS)	65	1.544	1.532	0.012	0	288771	1000.0	M
* 40 2-Butanone-d5	46	2.276	2.270	0.006	0	241469	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.691	2.697	-0.006	95	101927	51.2	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.971	2.971	0.000	0	119003	50.5	
* 60 Fluorobenzene	96	3.312	3.306	0.006	97	404115	50.0	
* 69 1,4-Dioxane-d8	96	4.111	4.111	0.000	0	9245	1000.0	sM
$ 79 Toluene-d8 (Surr)	98	5.288	5.281	0.007	98	325157	47.1	
85 Tetrachloroethene	166	6.202	6.208	-0.006	90	1034	0.6735	
* 91 Chlorobenzene-d5	117	7.641	7.641	0.000	90	238273	50.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	89	71891	44.9	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	97	113848	50.0	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00227 Amount Added: 1.00 Units: uL Run Reagent

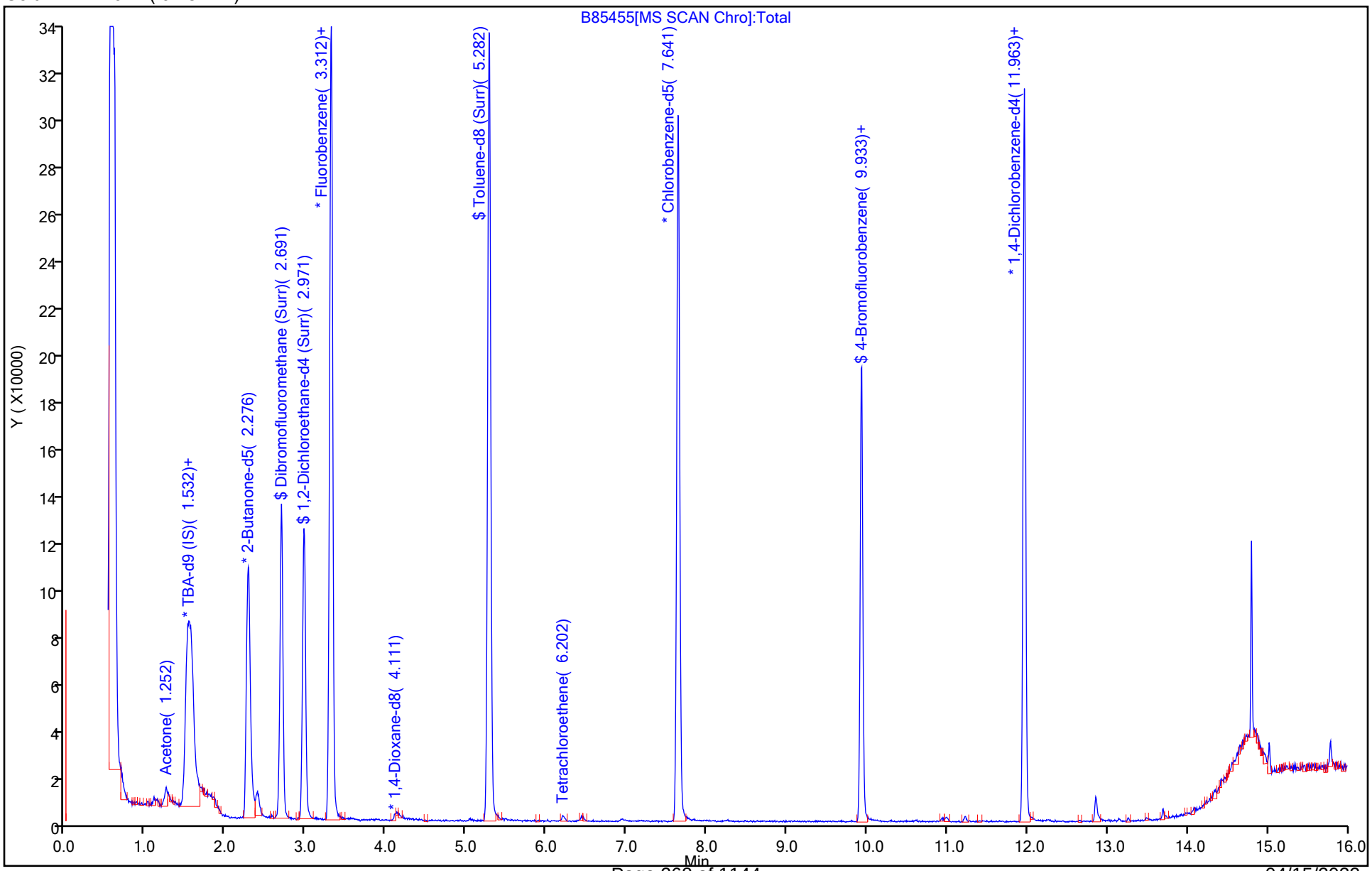
Report Date: 11-Apr-2022 11:00:19 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85455.D

Injection Date:	09-Apr-2022 01:19:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-255692-B-17-A	Lab Sample ID:	460-255692-17	Worklist Smp#:	27
Client ID:	SB-10 (15-15.5)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85455.D
Lims ID: 460-255692-B-17-A
Client ID: SB-10 (15-15.5)
Sample Type: Client
Inject. Date: 09-Apr-2022 01:19:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-17-A
Misc. Info.: 460-0143790-027
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 11:00:18 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:12:40

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	51.2	102.43
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	50.5	100.93
$ 79 Toluene-d8 (Surr)	50.0	47.1	94.15
$ 103 4-Bromofluorobenzene	50.0	44.9	89.75

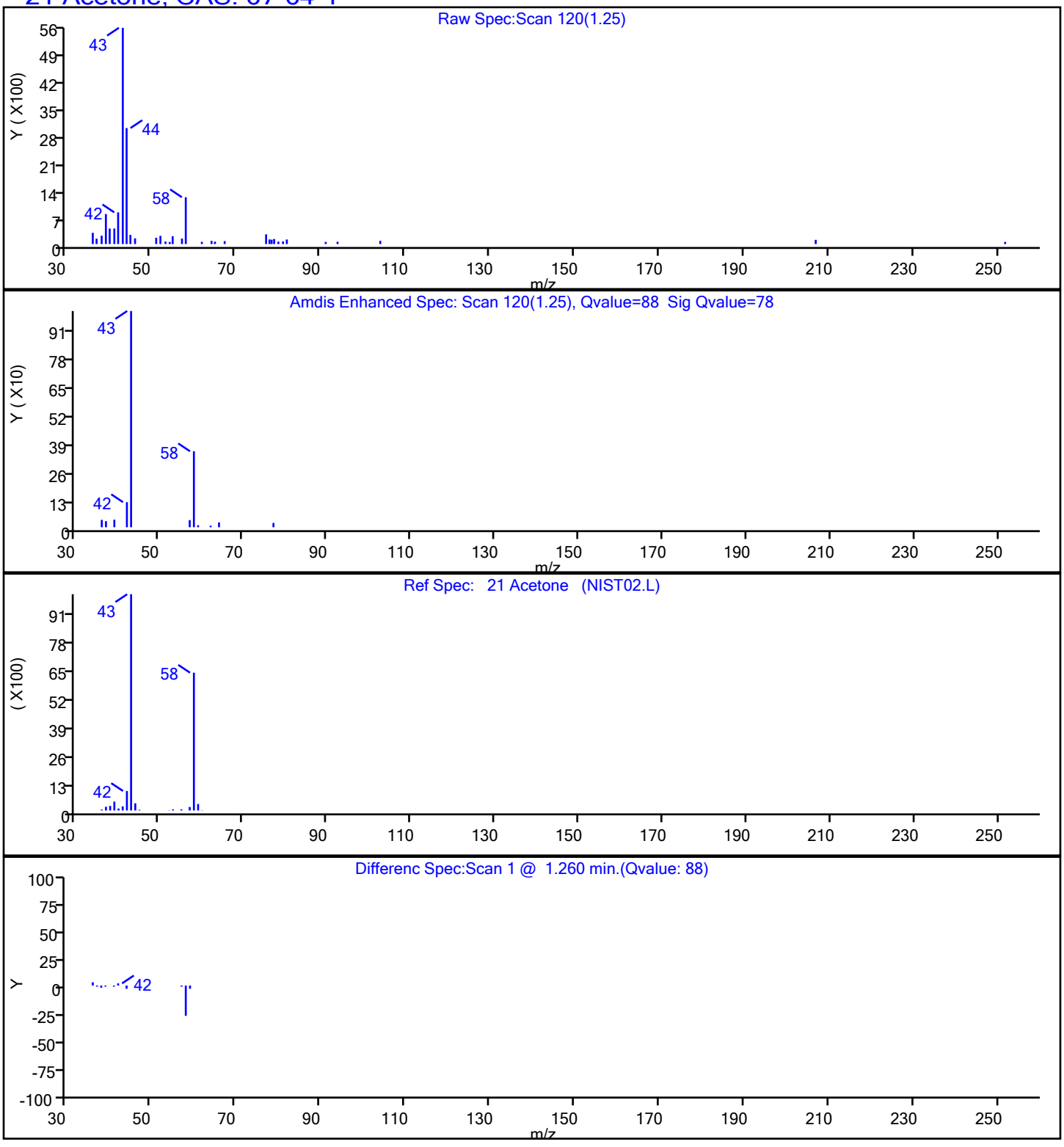
Report Date: 11-Apr-2022 11:00:19 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85455.D

Injection Date:	09-Apr-2022 01:19:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-17-A	Lab Sample ID:	460-255692-17
Client ID:	SB-10 (15-15.5)		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

21 Acetone, CAS: 67-64-1



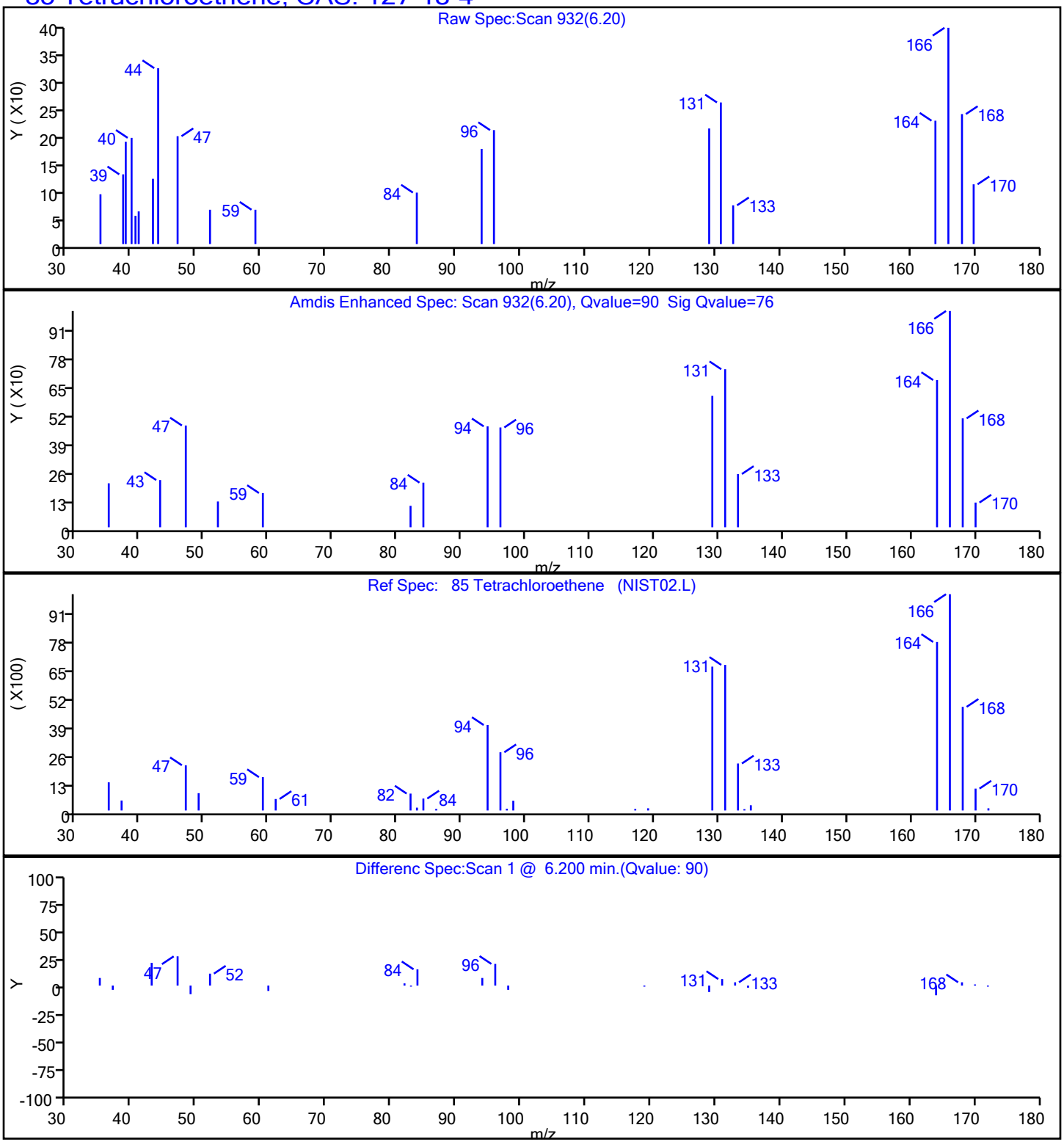
Report Date: 11-Apr-2022 11:00:19 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85455.D

Injection Date:	09-Apr-2022 01:19:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-17-A	Lab Sample ID:	460-255692-17		
Client ID:	SB-10 (15-15.5)				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

85 Tetrachloroethene, CAS: 127-18-4



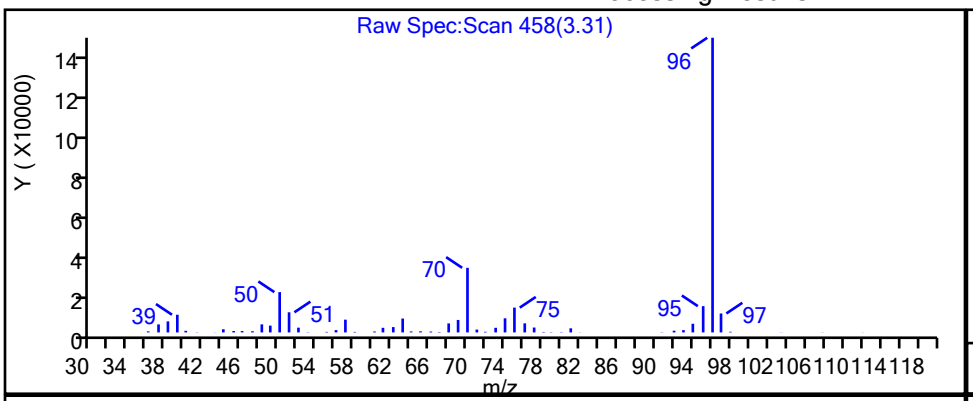
User Disabled Compound Report

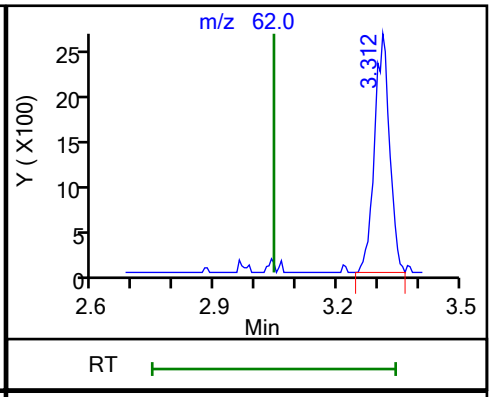
Eurofins Edison

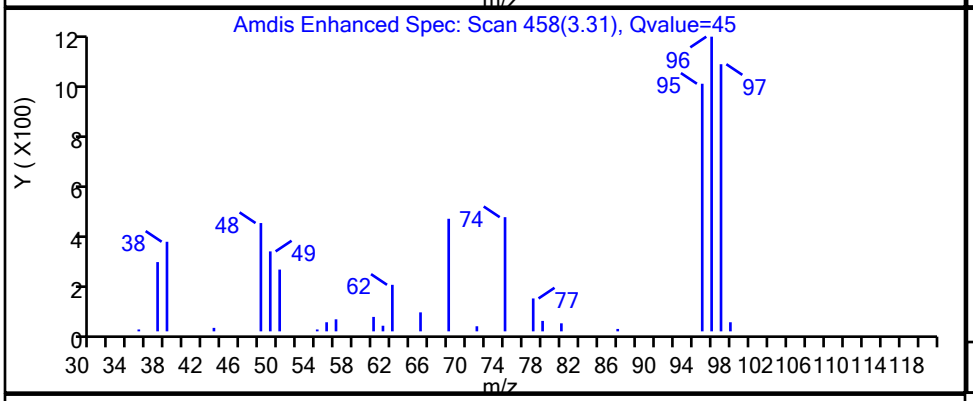
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85455.D		
Injection Date:	09-Apr-2022 01:19:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-17-A	Lab Sample ID:	460-255692-17
Client ID:	SB-10 (15-15.5)		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

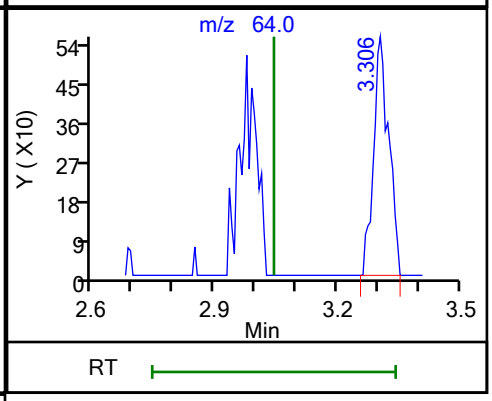
57 1,2-Dichloroethane, CAS: 107-06-2

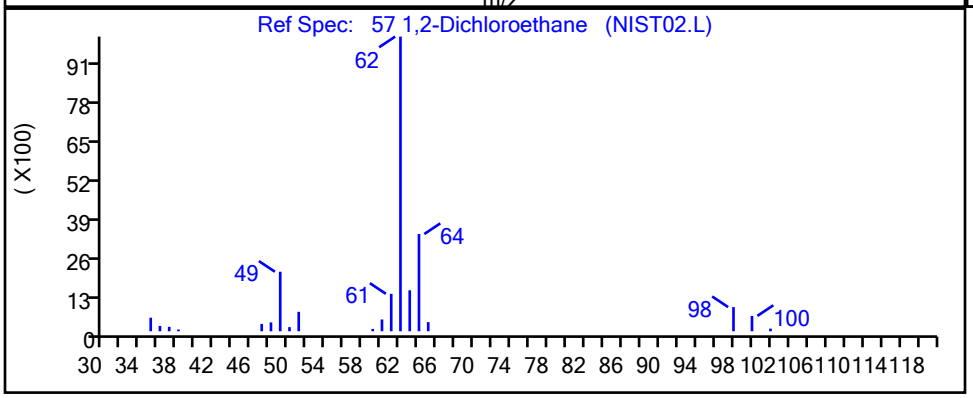
Processing Results











RT	Mass	Response	Amount
3.31	62.00	6809	2.561617
3.31	64.00	1439	

Reviewer: tupayachia, 09-Apr-2022 07:12:24

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

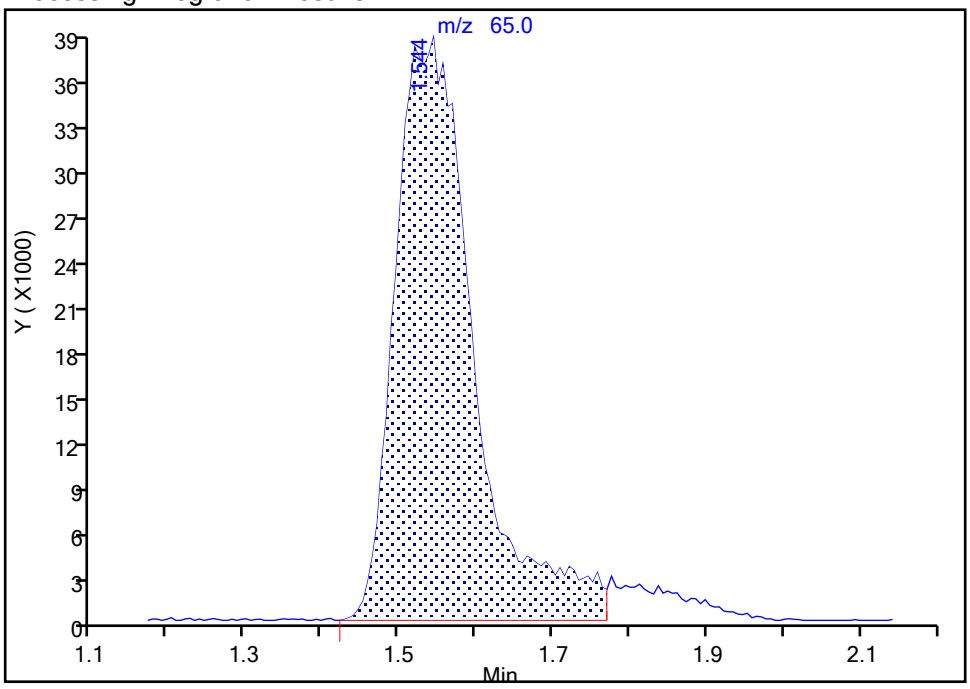
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85455.D		
Injection Date:	09-Apr-2022 01:19:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-17-A	Lab Sample ID:	460-255692-17
Client ID:	SB-10 (15-15.5)		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

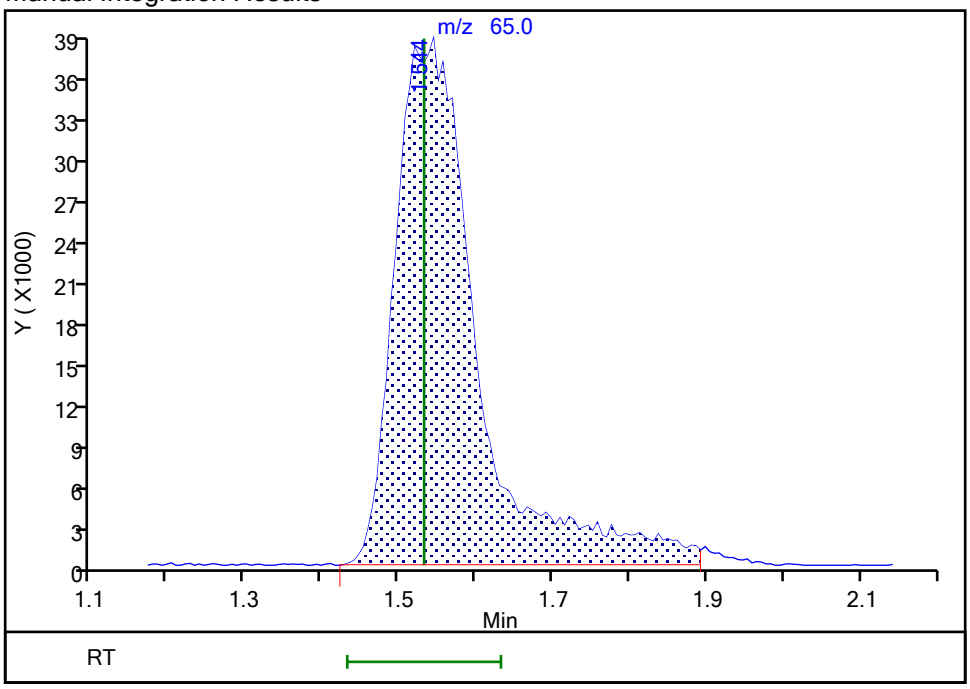
Processing Integration Results

RT: 1.54
Area: 275720
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.54
Area: 288771
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:59:58

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

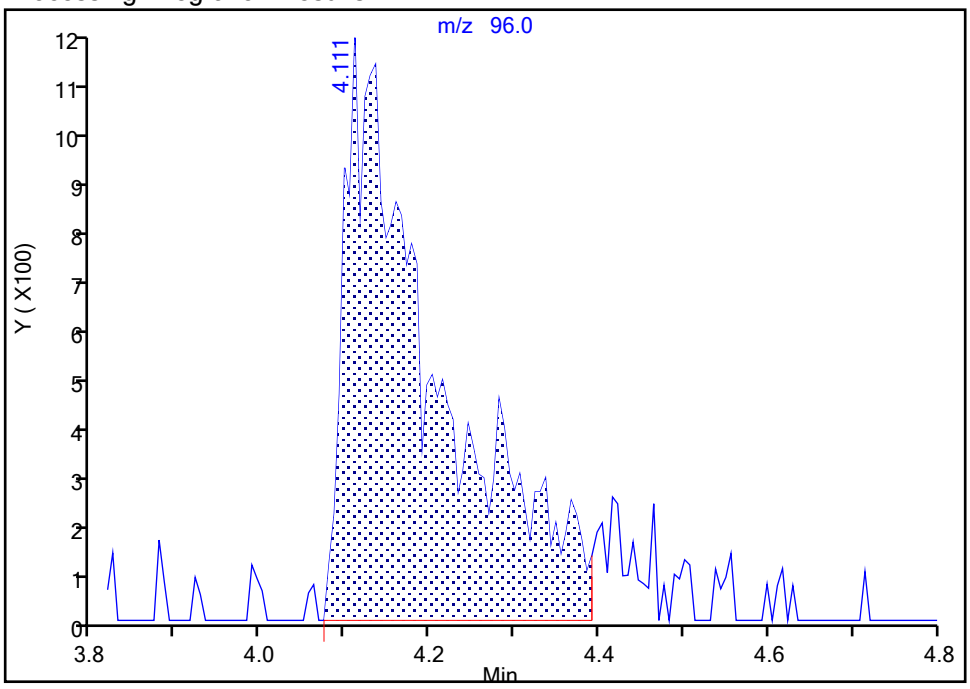
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85455.D		
Injection Date:	09-Apr-2022 01:19:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-17-A	Lab Sample ID:	460-255692-17
Client ID:	SB-10 (15-15.5)		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

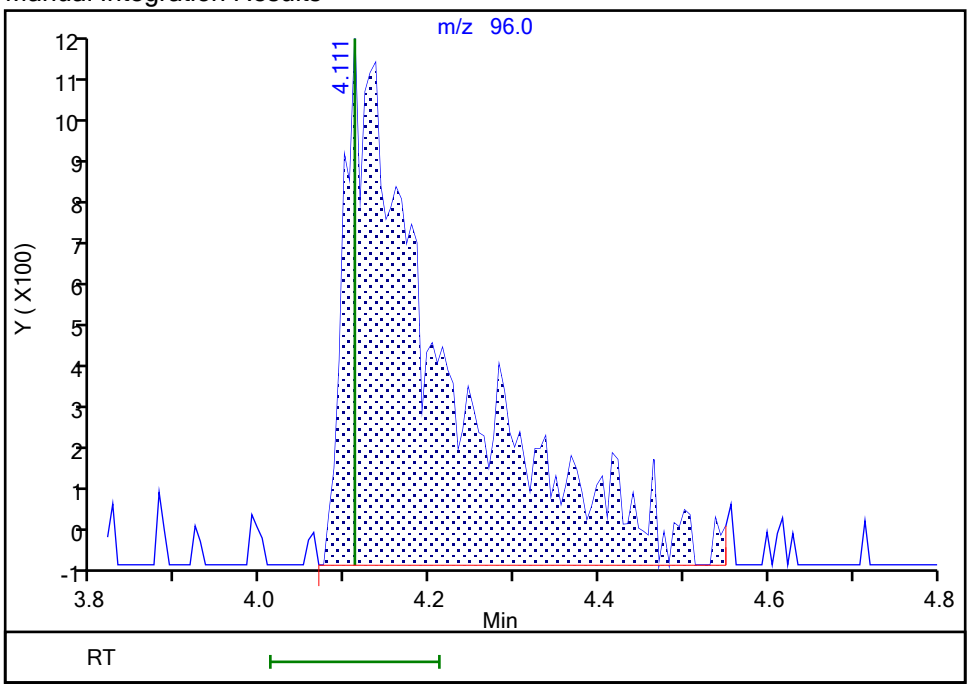
Processing Integration Results

RT: 4.11
Area: 8346
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.11
Area: 9245
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:59:44
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-13 (2-2.5) | Lab Sample ID: 460-255692-18

Matrix: Solid | Lab File ID: B85456.D

Analysis Method: 8260D | Date Collected: 04/05/2022 12:55

Sample wt/vol: 4.32(g) | Date Analyzed: 04/09/2022 01:42

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 4.1 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00028	U	0.0012	0.00028
79-34-5	1,1,2,2-Tetrachloroethane	0.00026	U	0.0012	0.00026
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00036	U *+	0.0012	0.00036
79-00-5	1,1,2-Trichloroethane	0.00021	U	0.0012	0.00021
75-34-3	1,1-Dichloroethane	0.00025	U	0.0012	0.00025
75-35-4	1,1-Dichloroethene	0.00027	U *+	0.0012	0.00027
87-61-6	1,2,3-Trichlorobenzene	0.00022	U	0.0012	0.00022
120-82-1	1,2,4-Trichlorobenzene	0.00043	U	0.0012	0.00043
95-63-6	1,2,4-Trimethylbenzene	0.00030	U	0.0012	0.00030
96-12-8	1,2-Dibromo-3-Chloropropane	0.00055	U	0.0012	0.00055
95-50-1	1,2-Dichlorobenzene	0.00044	U	0.0012	0.00044
107-06-2	1,2-Dichloroethane	0.00036	U	0.0012	0.00036
78-87-5	1,2-Dichloropropane	0.00051	U	0.0012	0.00051
108-67-8	1,3,5-Trimethylbenzene	0.00038	U	0.0012	0.00038
541-73-1	1,3-Dichlorobenzene	0.00044	U	0.0012	0.00044
106-46-7	1,4-Dichlorobenzene	0.00027	U	0.0012	0.00027
78-93-3	2-Butanone (MEK)	0.00044	U	0.0060	0.00044
591-78-6	2-Hexanone	0.0021	U	0.0060	0.0021
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0019	U	0.0060	0.0019
67-64-1	Acetone	0.016		0.0072	0.0069
71-43-2	Benzene	0.00031	U	0.0012	0.00031
75-25-2	Bromoform	0.00051	U	0.0012	0.00051
74-83-9	Bromomethane	0.0012	U	0.0024	0.0012
75-15-0	Carbon disulfide	0.00032	U	0.0012	0.00032
56-23-5	Carbon tetrachloride	0.00047	U	0.0012	0.00047
108-90-7	Chlorobenzene	0.00021	U	0.0012	0.00021
74-97-5	Chlorobromomethane	0.00034	U	0.0012	0.00034
124-48-1	Chlorodibromomethane	0.00023	U	0.0012	0.00023
75-00-3	Chloroethane	0.00063	U	0.0012	0.00063
67-66-3	Chloroform	0.0012	U	0.0012	0.0012
74-87-3	Chloromethane	0.00052	U	0.0012	0.00052
156-59-2	cis-1,2-Dichloroethene	0.00043	U	0.0012	0.00043
10061-01-5	cis-1,3-Dichloropropene	0.00033	U	0.0012	0.00033
110-82-7	Cyclohexane	0.00027	U	0.0012	0.00027
75-27-4	Dichlorobromomethane	0.00031	U	0.0012	0.00031

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-13 (2-2.5) | Lab Sample ID: 460-255692-18

Matrix: Solid | Lab File ID: B85456.D

Analysis Method: 8260D | Date Collected: 04/05/2022 12:55

Sample wt/vol: 4.32(g) | Date Analyzed: 04/09/2022 01:42

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 4.1 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.00041	U	0.0012	0.00041
100-41-4	Ethylbenzene	0.00024	U	0.0012	0.00024
106-93-4	Ethylene Dibromide	0.00022	U	0.0012	0.00022
98-82-8	Isopropylbenzene	0.00034	U	0.0012	0.00034
79-20-9	Methyl acetate	0.0052	U	0.0060	0.0052
1634-04-4	Methyl tert-butyl ether	0.00062	U	0.0012	0.00062
108-87-2	Methylcyclohexane	0.00060	U	0.0012	0.00060
75-09-2	Methylene Chloride	0.0014	U	0.0024	0.0014
179601-23-1	m-Xylene & p-Xylene	0.00021	U	0.0012	0.00021
104-51-8	n-Butylbenzene	0.00035	U	0.0012	0.00035
103-65-1	N-Propylbenzene	0.00021	U	0.0012	0.00021
95-47-6	o-Xylene	0.00023	U	0.0012	0.00023
135-98-8	sec-Butylbenzene	0.00035	U	0.0012	0.00035
100-42-5	Styrene	0.00034	U	0.0012	0.00034
98-06-6	tert-Butylbenzene	0.00033	U	0.0012	0.00033
127-18-4	Tetrachloroethene	0.023		0.0012	0.00037
108-88-3	Toluene	0.00040	J	0.0012	0.00028
156-60-5	trans-1,2-Dichloroethene	0.00030	U	0.0012	0.00030
10061-02-6	trans-1,3-Dichloropropene	0.00032	U	0.0012	0.00032
79-01-6	Trichloroethene	0.00039	U	0.0012	0.00039
75-69-4	Trichlorofluoromethane	0.00049	U	0.0012	0.00049
75-01-4	Vinyl chloride	0.00066	U	0.0012	0.00066
1330-20-7	Xylenes, Total	0.00077	U	0.0024	0.00077

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		77-145
460-00-4	4-Bromofluorobenzene	96		70-139
1868-53-7	Dibromofluoromethane (Surr)	111		48-150
2037-26-5	Toluene-d8 (Surr)	101		80-120

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

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-13 (2-2.5) | Lab Sample ID: 460-255692-18

Matrix: Solid | Lab File ID: B85456.D

Analysis Method: 8260D | Date Collected: 04/05/2022 12:55

Sample wt/vol: 4.32(g) | Date Analyzed: 04/09/2022 01:42

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 4.1 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85456.D
Lims ID: 460-255692-B-18-A
Client ID: SB-13 (2-2.5)
Sample Type: Client
Inject. Date: 09-Apr-2022 01:42:30 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-18-A
Misc. Info.: 460-0143790-028
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 11:00:55 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:13:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.264	1.252	0.012	84	9299	13.5	
* 29 TBA-d9 (IS)	65	1.544	1.532	0.012	0	314415	1000.0	
* 40 2-Butanone-d5	46	2.282	2.270	0.012	0	256135	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.703	2.697	0.006	95	114182	55.7	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.983	2.971	0.012	0	134365	55.3	
* 60 Fluorobenzene	96	3.318	3.306	0.012	98	416525	50.0	
* 69 1,4-Dioxane-d8	96	4.123	4.111	0.012	0	9224	1000.0	sM
$ 79 Toluene-d8 (Surr)	98	5.287	5.281	0.006	98	341832	50.3	
80 Toluene	91	5.379	5.373	0.006	96	2305	0.3298	
85 Tetrachloroethene	166	6.208	6.208	0.000	94	29105	19.3	
* 91 Chlorobenzene-d5	117	7.647	7.641	0.006	90	234525	50.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	89	78782	47.9	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	96	116807	50.0	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00227 Amount Added: 1.00 Units: uL Run Reagent

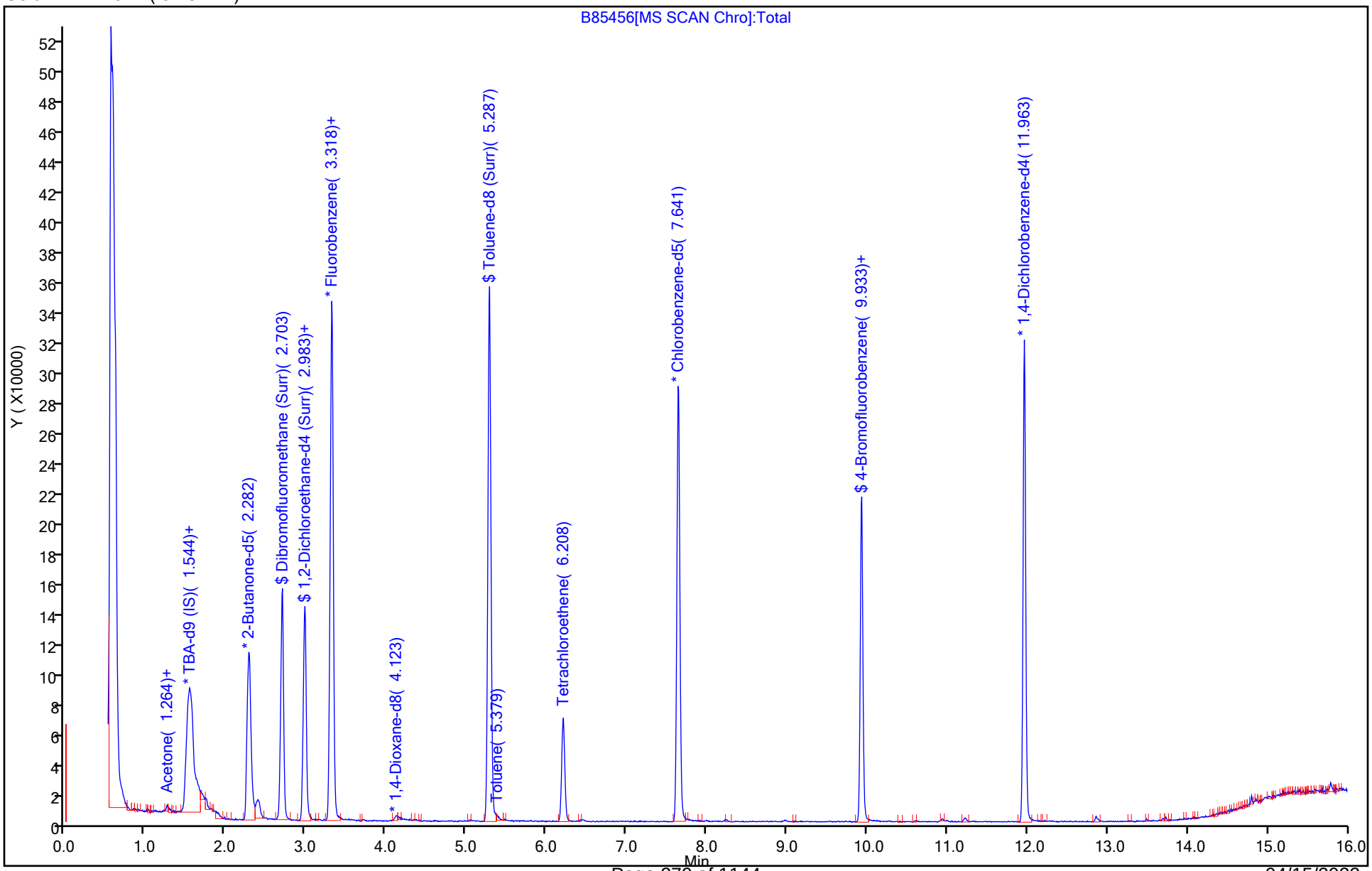
Report Date: 11-Apr-2022 11:00:56 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85456.D

Injection Date:	09-Apr-2022 01:42:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-255692-B-18-A	Lab Sample ID:	460-255692-18	Worklist Smp#:	28
Client ID:	SB-13 (2-2.5)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85456.D
Lims ID: 460-255692-B-18-A
Client ID: SB-13 (2-2.5)
Sample Type: Client
Inject. Date: 09-Apr-2022 01:42:30 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-18-A
Misc. Info.: 460-0143790-028
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 11:00:55 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:13:47

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	55.7	111.32
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	55.3	110.57
$ 79 Toluene-d8 (Surr)	50.0	50.3	100.56
$ 103 4-Bromofluorobenzene	50.0	47.9	95.86

Report Date: 11-Apr-2022 11:00:56 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85456.D

Injection Date: 09-Apr-2022 01:42:30 Instrument ID: CVOAMS2

Lims ID: 460-255692-B-18-A Lab Sample ID: 460-255692-18

Client ID: SB-13 (2-2.5)

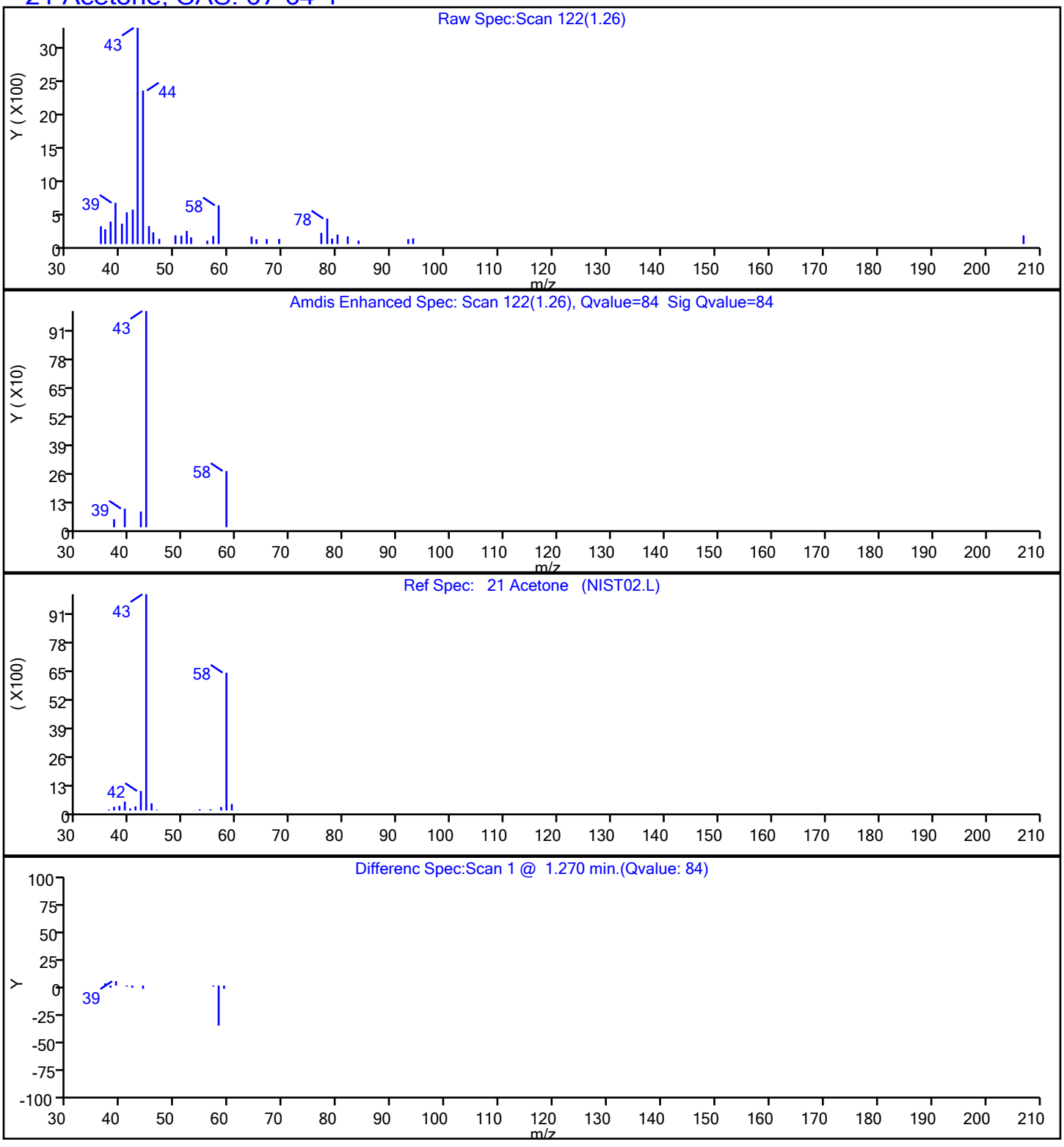
Operator ID: ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS SCAN

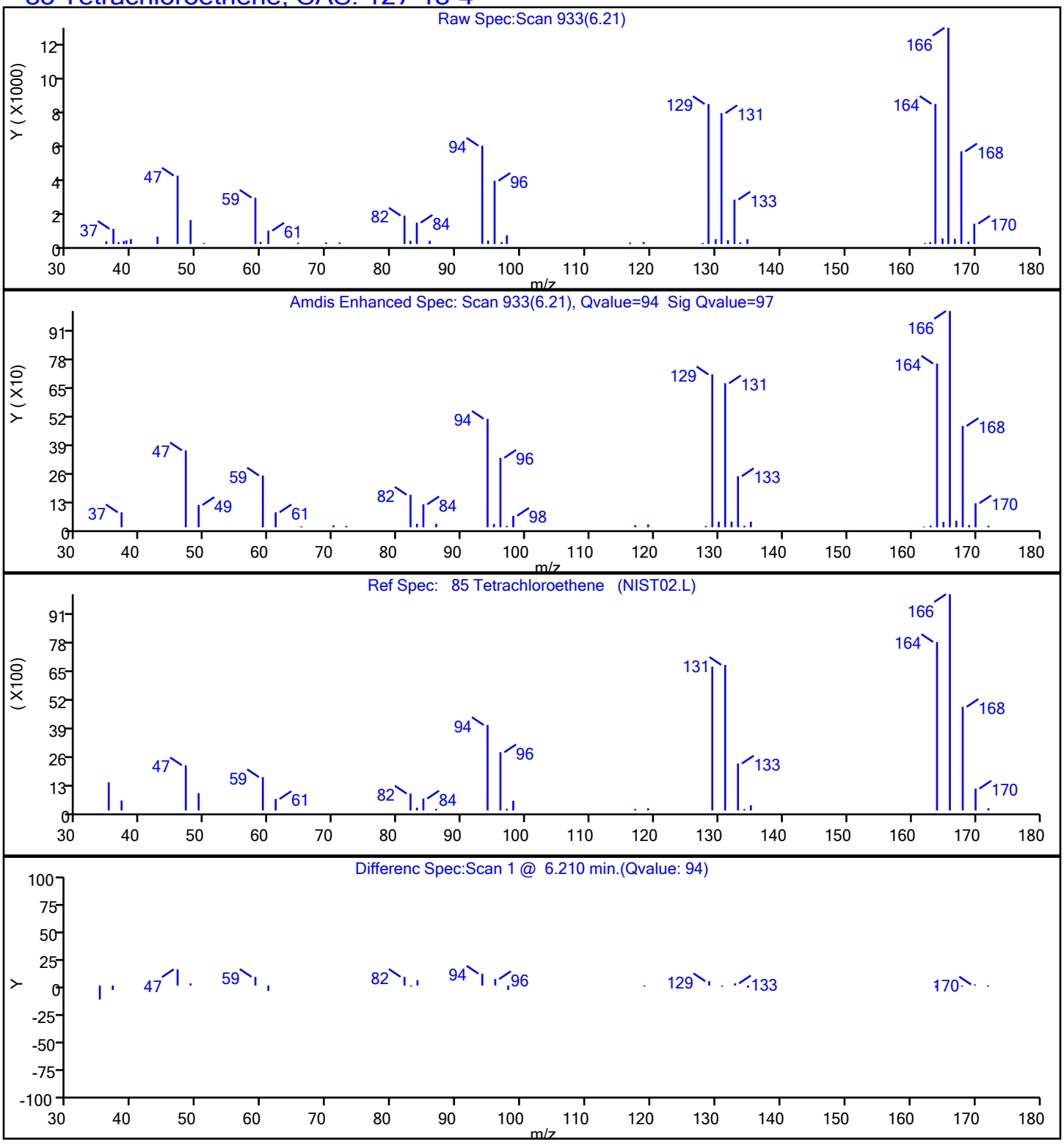
21 Acetone, CAS: 67-64-1



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85456.D
Injection Date: 09-Apr-2022 01:42:30 Instrument ID: CVOAMS2
Lims ID: 460-255692-B-18-A Lab Sample ID: 460-255692-18
Client ID: SB-13 (2-2.5)
Operator ID: ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

85 Tetrachloroethene, CAS: 127-18-4



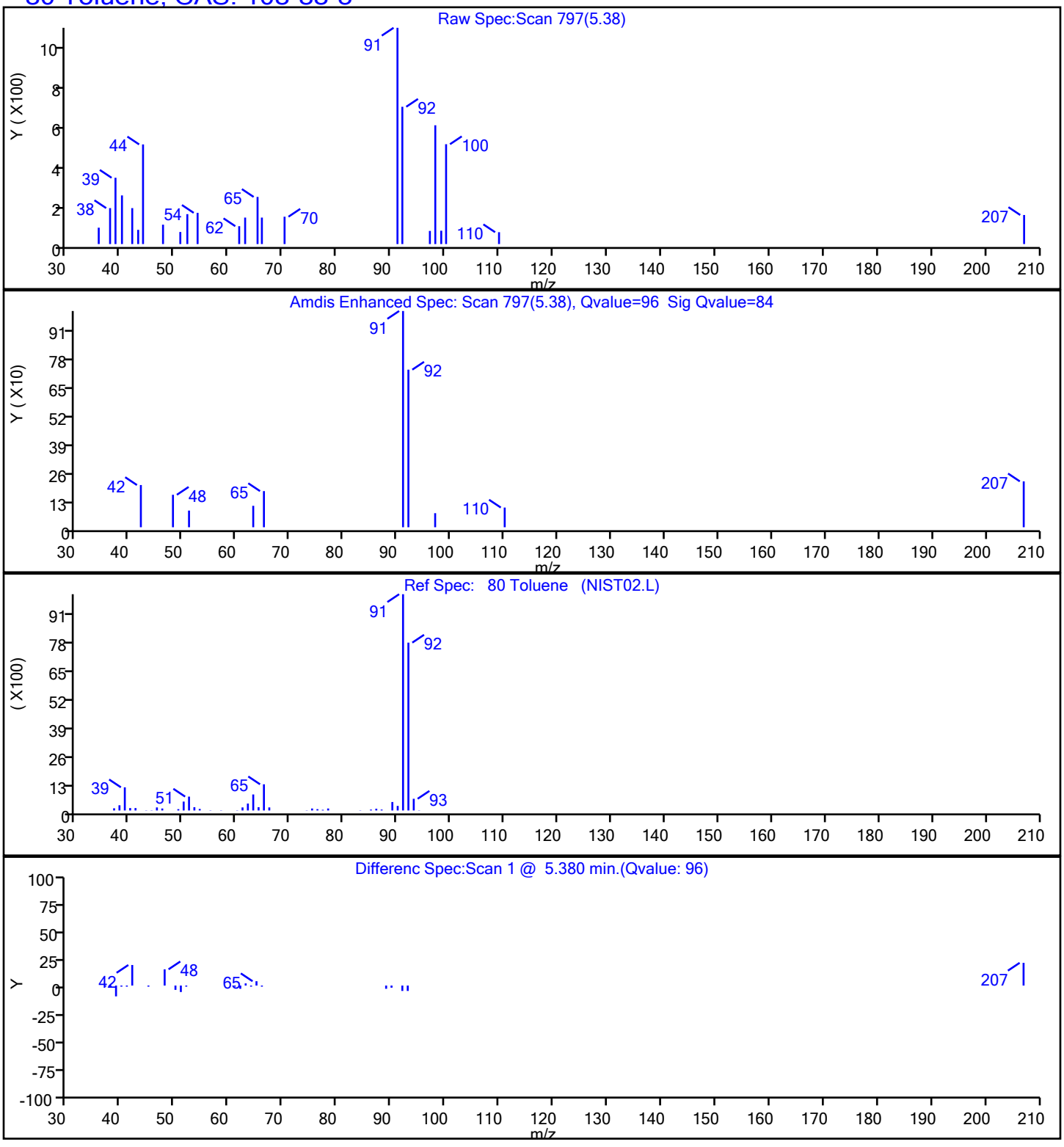
Report Date: 11-Apr-2022 11:00:56 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85456.D

Injection Date:	09-Apr-2022 01:42:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-18-A	Lab Sample ID:	460-255692-18
Client ID:	SB-13 (2-2.5)		
Operator ID:		ALS Bottle#:	27 Worklist Smp#: 28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

80 Toluene, CAS: 108-88-3



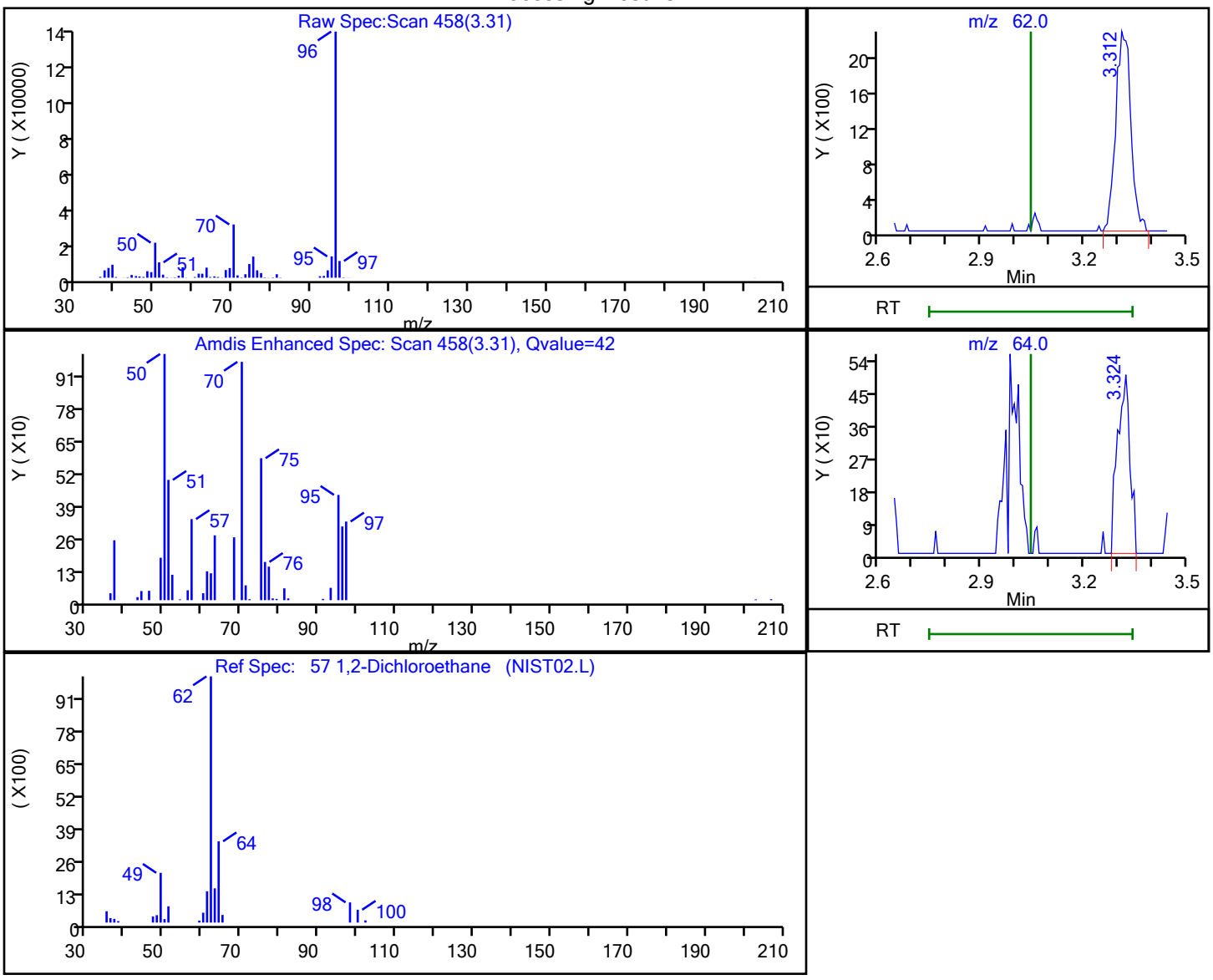
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85456.D				
Injection Date:	09-Apr-2022 01:42:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-18-A	Lab Sample ID:	460-255692-18		
Client ID:	SB-13 (2-2.5)				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

57 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
3.31	62.00	6991	2.551726
3.32	64.00	1259	

Reviewer: tupayachia, 09-Apr-2022 07:13:35

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

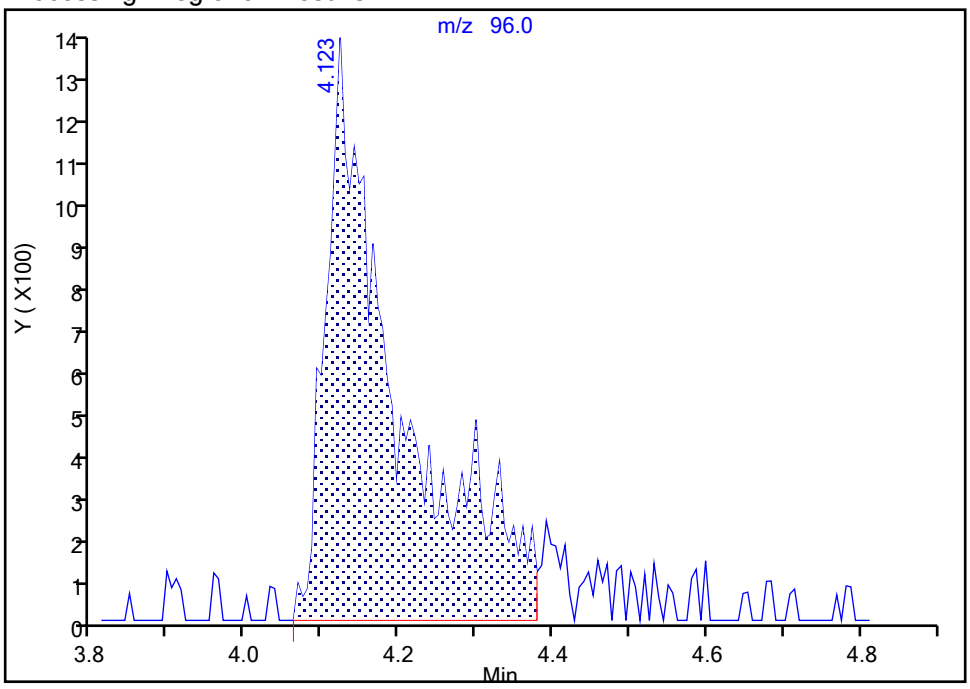
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85456.D				
Injection Date:	09-Apr-2022 01:42:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-18-A	Lab Sample ID:	460-255692-18		
Client ID:	SB-13 (2-2.5)				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

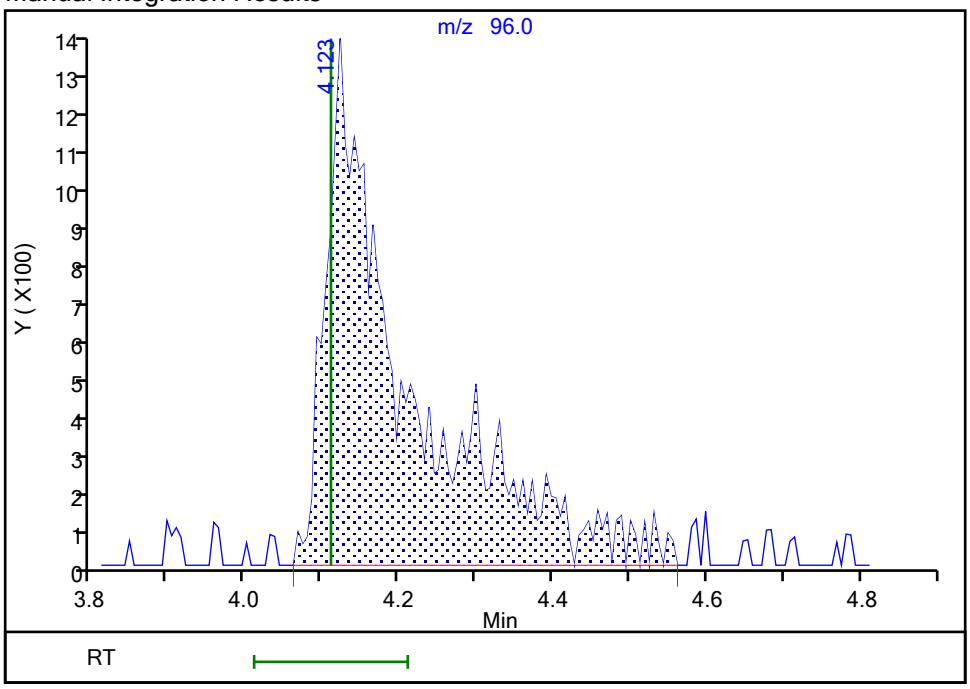
Processing Integration Results

RT: 4.12
Area: 8298
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.12
Area: 9224
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 11:00:35
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-13 (7-7.5) | Lab Sample ID: 460-255692-19

Matrix: Solid | Lab File ID: B85457.D

Analysis Method: 8260D | Date Collected: 04/05/2022 13:00

Sample wt/vol: 5.56(g) | Date Analyzed: 04/09/2022 02:04

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 16.3 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00025	U	0.0011	0.00025
79-34-5	1,1,2,2-Tetrachloroethane	0.00023	U	0.0011	0.00023
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00032	U *+	0.0011	0.00032
79-00-5	1,1,2-Trichloroethane	0.00019	U	0.0011	0.00019
75-34-3	1,1-Dichloroethane	0.00022	U	0.0011	0.00022
75-35-4	1,1-Dichloroethene	0.00024	U *+	0.0011	0.00024
87-61-6	1,2,3-Trichlorobenzene	0.00019	U	0.0011	0.00019
120-82-1	1,2,4-Trichlorobenzene	0.00038	U	0.0011	0.00038
95-63-6	1,2,4-Trimethylbenzene	0.00026	U	0.0011	0.00026
96-12-8	1,2-Dibromo-3-Chloropropane	0.00049	U	0.0011	0.00049
95-50-1	1,2-Dichlorobenzene	0.00039	U	0.0011	0.00039
107-06-2	1,2-Dichloroethane	0.00032	U	0.0011	0.00032
78-87-5	1,2-Dichloropropane	0.00045	U	0.0011	0.00045
108-67-8	1,3,5-Trimethylbenzene	0.00034	U	0.0011	0.00034
541-73-1	1,3-Dichlorobenzene	0.00039	U	0.0011	0.00039
106-46-7	1,4-Dichlorobenzene	0.00024	U	0.0011	0.00024
78-93-3	2-Butanone (MEK)	0.00040	U	0.0054	0.00040
591-78-6	2-Hexanone	0.0018	U	0.0054	0.0018
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0017	U	0.0054	0.0017
67-64-1	Acetone	0.0082		0.0064	0.0061
71-43-2	Benzene	0.00028	U	0.0011	0.00028
75-25-2	Bromoform	0.00046	U	0.0011	0.00046
74-83-9	Bromomethane	0.0011	U	0.0021	0.0011
75-15-0	Carbon disulfide	0.00029	U	0.0011	0.00029
56-23-5	Carbon tetrachloride	0.00042	U	0.0011	0.00042
108-90-7	Chlorobenzene	0.00019	U	0.0011	0.00019
74-97-5	Chlorobromomethane	0.00030	U	0.0011	0.00030
124-48-1	Chlorodibromomethane	0.00021	U	0.0011	0.00021
75-00-3	Chloroethane	0.00056	U	0.0011	0.00056
67-66-3	Chloroform	0.0010	U	0.0011	0.0010
74-87-3	Chloromethane	0.00047	U	0.0011	0.00047
156-59-2	cis-1,2-Dichloroethene	0.00038	U	0.0011	0.00038
10061-01-5	cis-1,3-Dichloropropene	0.00029	U	0.0011	0.00029
110-82-7	Cyclohexane	0.00024	U	0.0011	0.00024
75-27-4	Dichlorobromomethane	0.00028	U	0.0011	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-13 (7-7.5) | Lab Sample ID: 460-255692-19

Matrix: Solid | Lab File ID: B85457.D

Analysis Method: 8260D | Date Collected: 04/05/2022 13:00

Sample wt/vol: 5.56(g) | Date Analyzed: 04/09/2022 02:04

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 16.3 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.00036	U	0.0011	0.00036
100-41-4	Ethylbenzene	0.00021	U	0.0011	0.00021
106-93-4	Ethylene Dibromide	0.00019	U	0.0011	0.00019
98-82-8	Isopropylbenzene	0.00031	U	0.0011	0.00031
79-20-9	Methyl acetate	0.0046	U	0.0054	0.0046
1634-04-4	Methyl tert-butyl ether	0.00055	U	0.0011	0.00055
108-87-2	Methylcyclohexane	0.00054	U	0.0011	0.00054
75-09-2	Methylene Chloride	0.0012	U	0.0021	0.0012
179601-23-1	m-Xylene & p-Xylene	0.00019	U	0.0011	0.00019
104-51-8	n-Butylbenzene	0.00032	U	0.0011	0.00032
103-65-1	N-Propylbenzene	0.00019	U	0.0011	0.00019
95-47-6	o-Xylene	0.00021	U	0.0011	0.00021
135-98-8	sec-Butylbenzene	0.00031	U	0.0011	0.00031
100-42-5	Styrene	0.00030	U	0.0011	0.00030
98-06-6	tert-Butylbenzene	0.00030	U	0.0011	0.00030
127-18-4	Tetrachloroethene	0.00048	J	0.0011	0.00033
108-88-3	Toluene	0.00025	U	0.0011	0.00025
156-60-5	trans-1,2-Dichloroethene	0.00026	U	0.0011	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.00029	U	0.0011	0.00029
79-01-6	Trichloroethene	0.00034	U	0.0011	0.00034
75-69-4	Trichlorofluoromethane	0.00044	U	0.0011	0.00044
75-01-4	Vinyl chloride	0.00059	U	0.0011	0.00059
1330-20-7	Xylenes, Total	0.00069	U	0.0021	0.00069

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-145
460-00-4	4-Bromofluorobenzene	97		70-139
1868-53-7	Dibromofluoromethane (Surr)	106		48-150
2037-26-5	Toluene-d8 (Surr)	94		80-120

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

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-13 (7-7.5) | Lab Sample ID: 460-255692-19

Matrix: Solid | Lab File ID: B85457.D

Analysis Method: 8260D | Date Collected: 04/05/2022 13:00

Sample wt/vol: 5.56(g) | Date Analyzed: 04/09/2022 02:04

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 16.3 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85457.D
Lims ID: 460-255692-B-19-A
Client ID: SB-13 (7-7.5)
Sample Type: Client
Inject. Date: 09-Apr-2022 02:04:30 ALS Bottle#: 28 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-19-A
Misc. Info.: 460-0143790-029
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 11:01:34 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:16:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.264	1.252	0.012	84	5248	7.63	
28 Methylene Chloride	84	1.477	1.471	0.006	95	1275	0.5121	
* 29 TBA-d9 (IS)	65	1.544	1.532	0.012	0	323125	1000.0	
* 40 2-Butanone-d5	46	2.282	2.270	0.012	0	256446	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.697	0.000	95	113113	53.1	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.971	0.006	0	131534	52.1	
* 60 Fluorobenzene	96	3.318	3.306	0.012	98	432535	50.0	
* 69 1,4-Dioxane-d8	96	4.123	4.111	0.012	0	11255	1000.0	M
$ 79 Toluene-d8 (Surr)	98	5.288	5.281	0.007	98	365869	46.9	
85 Tetrachloroethene	166	6.202	6.208	-0.006	87	777	0.4477	M
* 91 Chlorobenzene-d5	117	7.647	7.641	0.006	89	269369	50.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	87	85618	48.4	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	96	125661	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

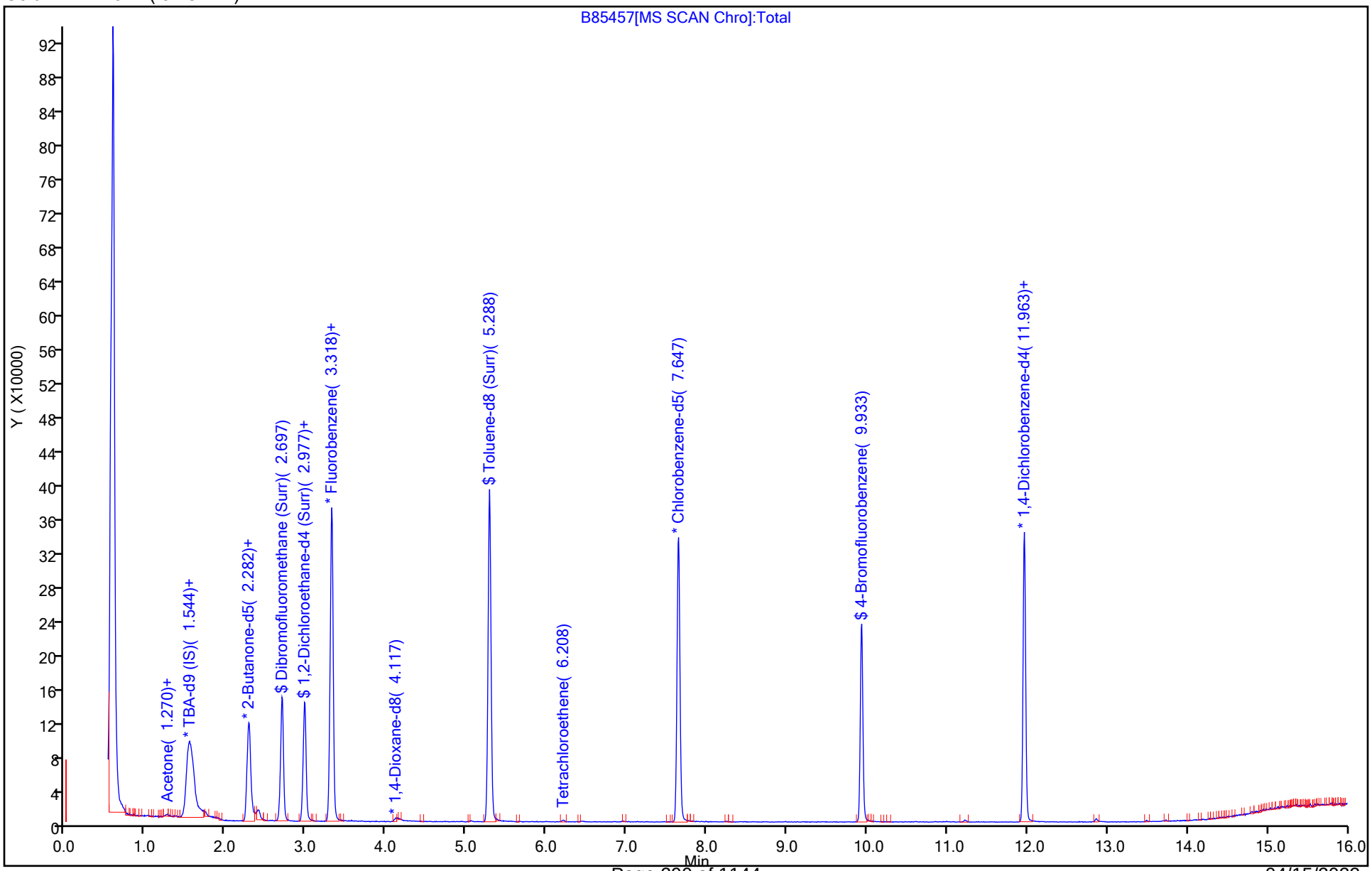
Report Date: 11-Apr-2022 11:01:34 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85457.D

Injection Date:	09-Apr-2022 02:04:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-255692-B-19-A	Lab Sample ID:	460-255692-19	Worklist Smp#:	29
Client ID:	SB-13 (7-7.5)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85457.D
Lims ID: 460-255692-B-19-A
Client ID: SB-13 (7-7.5)
Sample Type: Client
Inject. Date: 09-Apr-2022 02:04:30 ALS Bottle#: 28 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-19-A
Misc. Info.: 460-0143790-029
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 11:01:34 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:16:10

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	53.1	106.20
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	52.1	104.23
$ 79 Toluene-d8 (Surr)	50.0	46.9	93.71
$ 103 4-Bromofluorobenzene	50.0	48.4	96.84

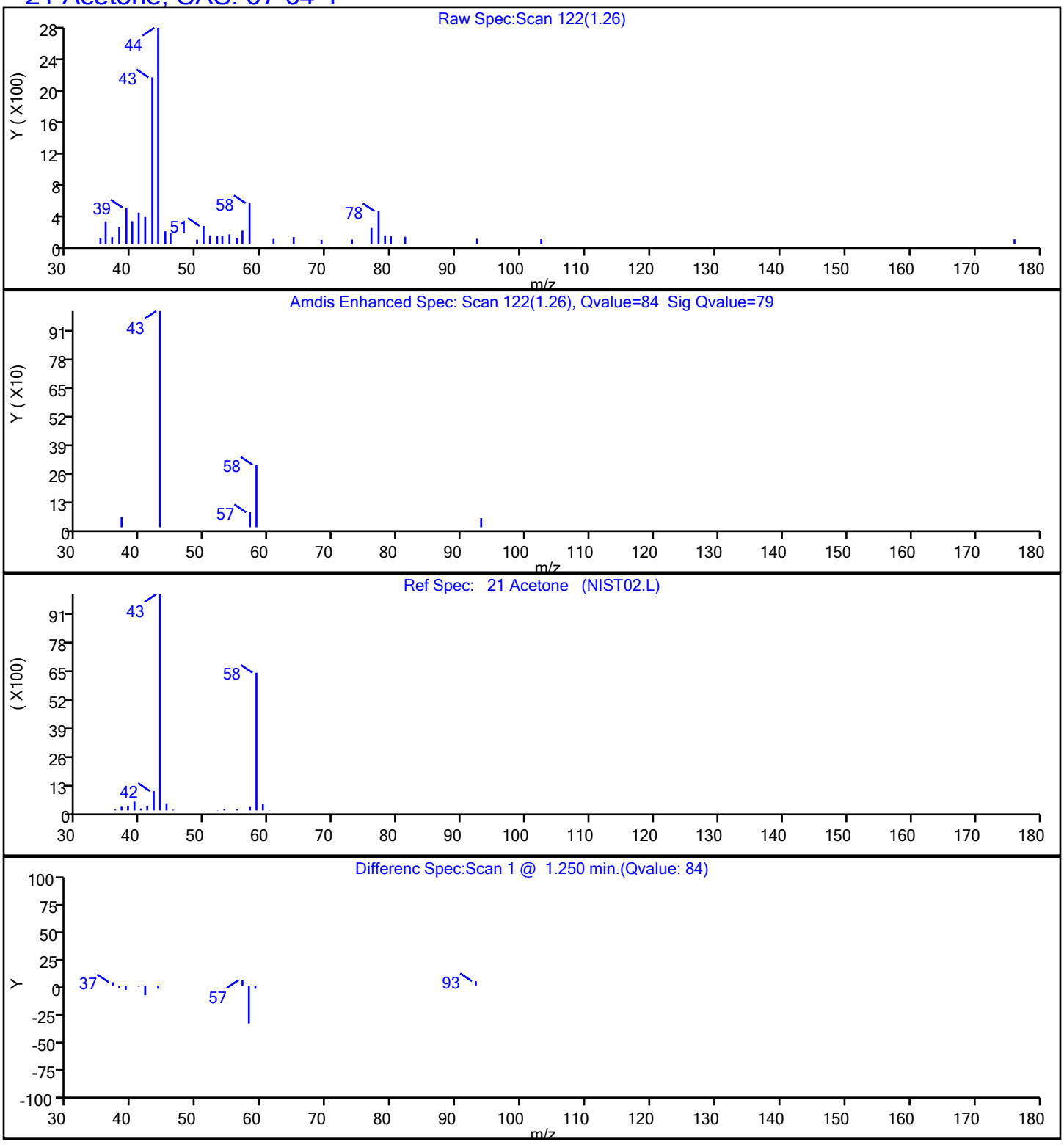
Report Date: 11-Apr-2022 11:01:34 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85457.D

Injection Date:	09-Apr-2022 02:04:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-19-A	Lab Sample ID:	460-255692-19
Client ID:	SB-13 (7-7.5)		
Operator ID:		ALS Bottle#:	28 Worklist Smp#: 29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

21 Acetone, CAS: 67-64-1



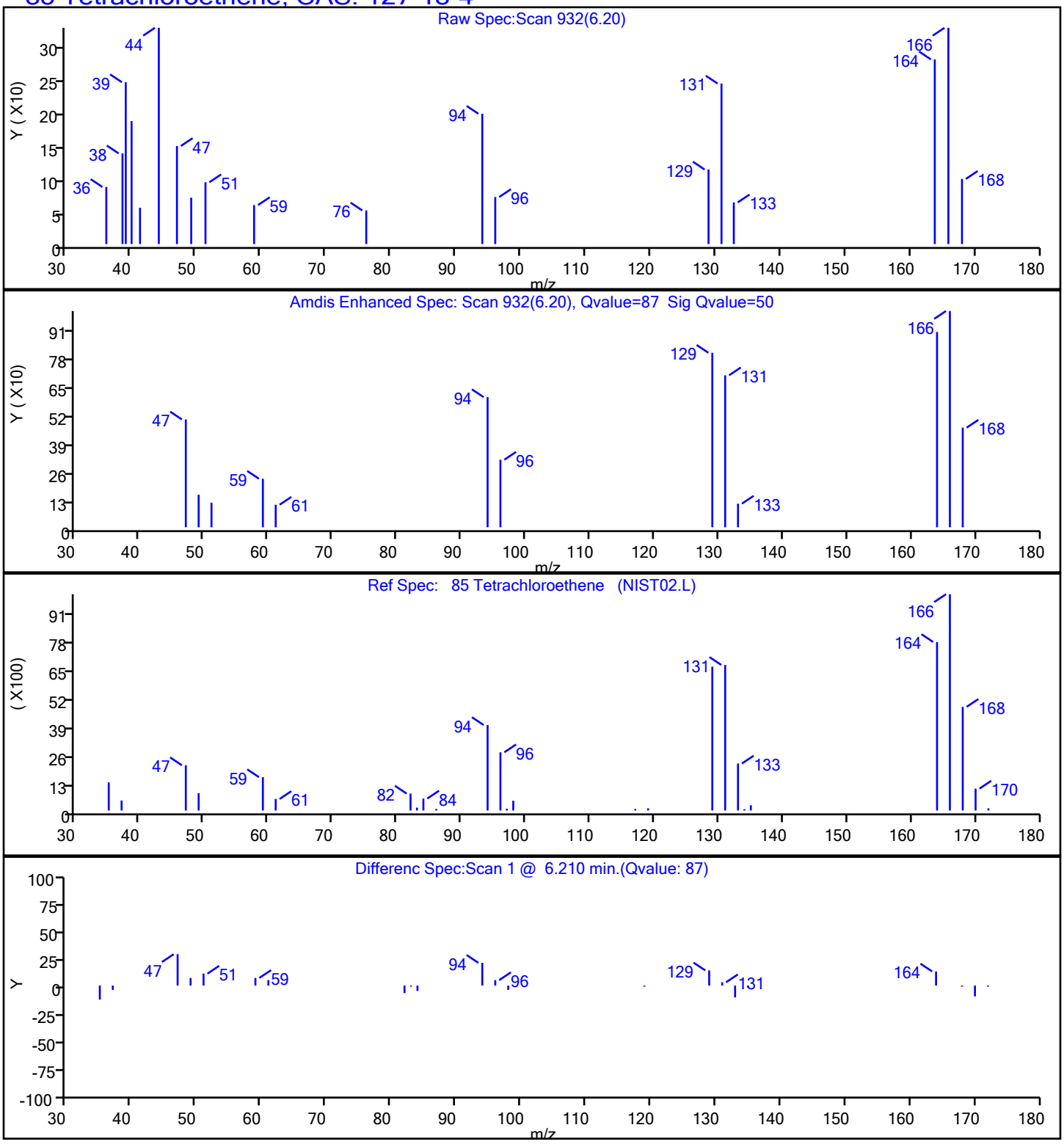
Report Date: 11-Apr-2022 11:01:34 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85457.D

Injection Date:	09-Apr-2022 02:04:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-19-A	Lab Sample ID:	460-255692-19
Client ID:	SB-13 (7-7.5)		
Operator ID:		ALS Bottle#:	28 Worklist Smp#: 29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

85 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

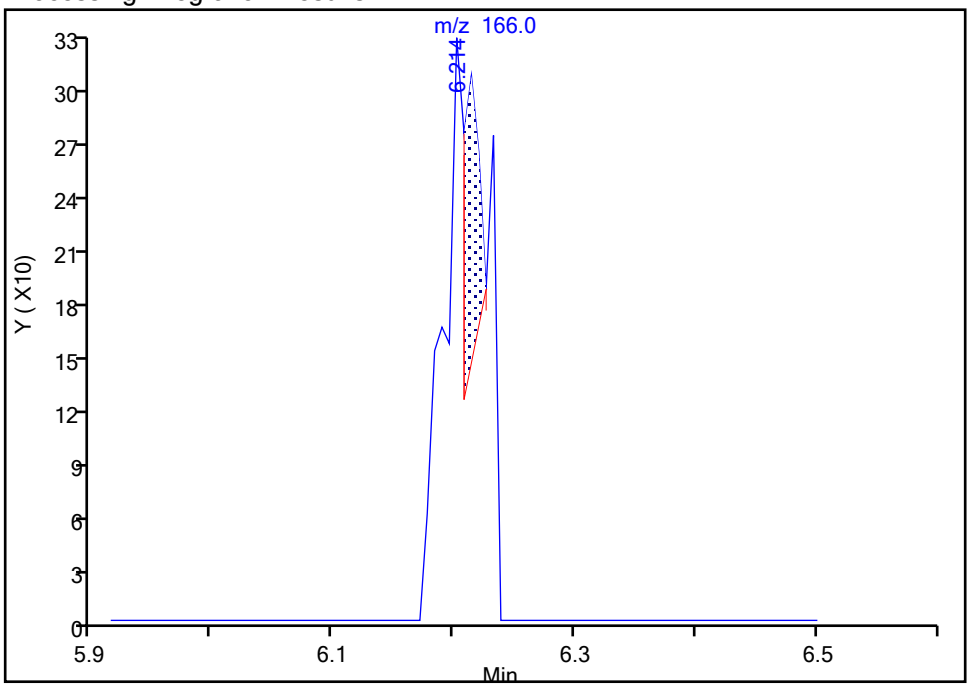
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85457.D
Injection Date: 09-Apr-2022 02:04:30 Instrument ID: CVOAMS2
Lims ID: 460-255692-B-19-A Lab Sample ID: 460-255692-19
Client ID: SB-13 (7-7.5)
Operator ID: ALS Bottle#: 28 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

85 Tetrachloroethene, CAS: 127-18-4

Signal: 1

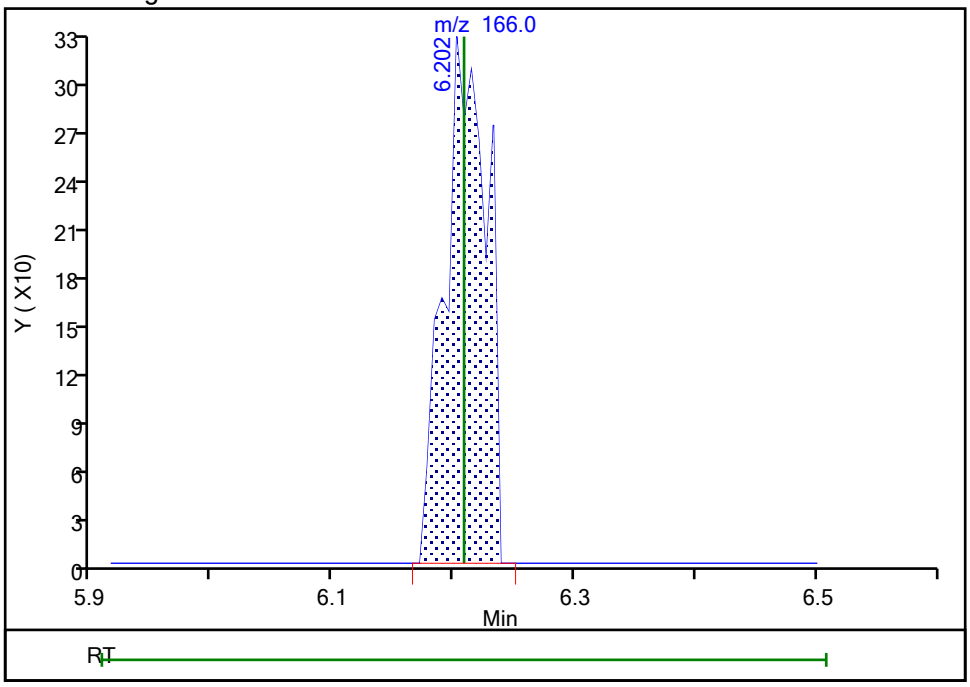
Processing Integration Results

RT: 6.21
Area: 147
Amount: 0.084699
Amount Units: ug/l



Manual Integration Results

RT: 6.20
Area: 777
Amount: 0.447695
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 11:01:27
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

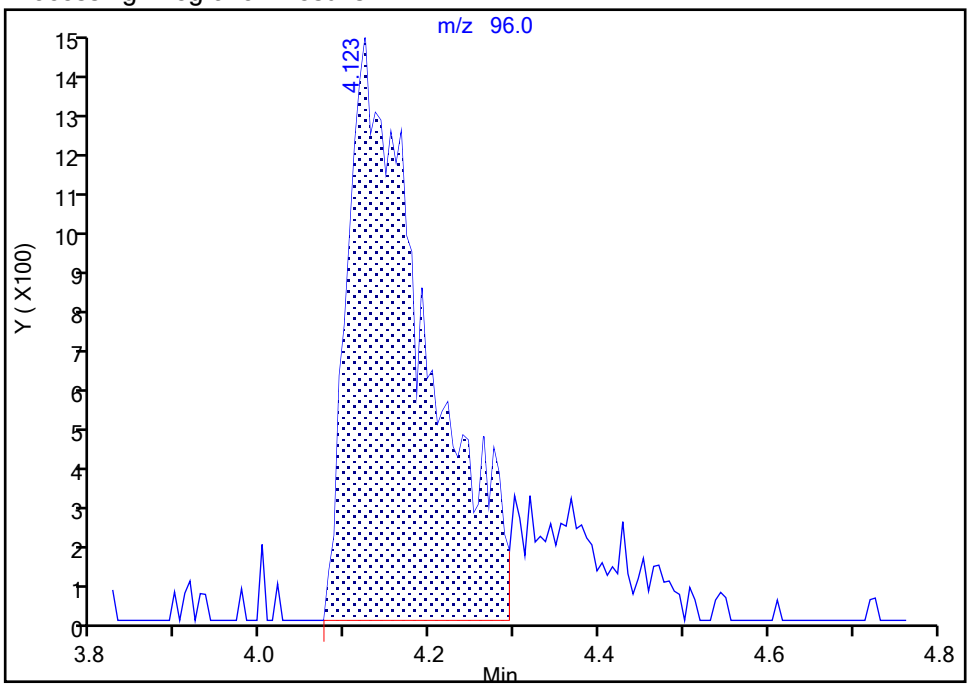
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85457.D				
Injection Date:	09-Apr-2022 02:04:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-19-A	Lab Sample ID:	460-255692-19		
Client ID:	SB-13 (7-7.5)				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

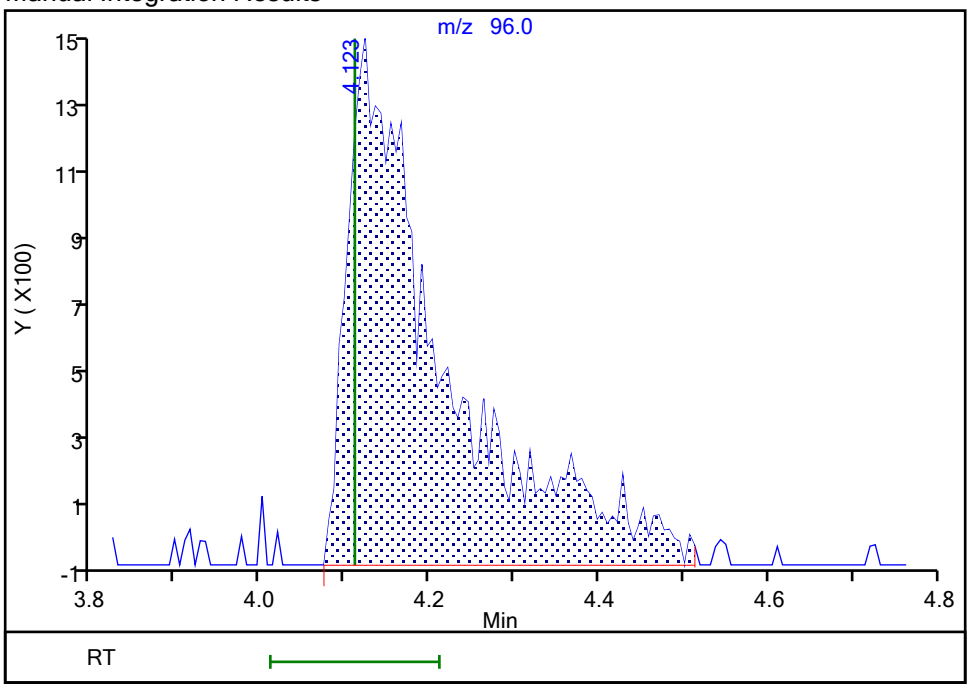
Processing Integration Results

RT: 4.12
Area: 9119
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.12
Area: 11255
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 11:01:09

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-16 (3-5) | Lab Sample ID: 460-255692-20

Matrix: Solid | Lab File ID: B85458.D

Analysis Method: 8260D | Date Collected: 04/05/2022 13:20

Sample wt/vol: 4.98(g) | Date Analyzed: 04/09/2022 02:27

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 7.5 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00025	U	0.0011	0.00025
79-34-5	1,1,2,2-Tetrachloroethane	0.00023	U	0.0011	0.00023
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00033	U *+	0.0011	0.00033
79-00-5	1,1,2-Trichloroethane	0.00019	U	0.0011	0.00019
75-34-3	1,1-Dichloroethane	0.00022	U	0.0011	0.00022
75-35-4	1,1-Dichloroethene	0.00024	U *+	0.0011	0.00024
87-61-6	1,2,3-Trichlorobenzene	0.00020	U	0.0011	0.00020
120-82-1	1,2,4-Trichlorobenzene	0.00039	U	0.0011	0.00039
95-63-6	1,2,4-Trimethylbenzene	0.00027	U	0.0011	0.00027
96-12-8	1,2-Dibromo-3-Chloropropane	0.00050	U	0.0011	0.00050
95-50-1	1,2-Dichlorobenzene	0.00039	U	0.0011	0.00039
107-06-2	1,2-Dichloroethane	0.00032	U	0.0011	0.00032
78-87-5	1,2-Dichloropropane	0.00046	U	0.0011	0.00046
108-67-8	1,3,5-Trimethylbenzene	0.00034	U	0.0011	0.00034
541-73-1	1,3-Dichlorobenzene	0.00040	U	0.0011	0.00040
106-46-7	1,4-Dichlorobenzene	0.00024	U	0.0011	0.00024
78-93-3	2-Butanone (MEK)	0.00040	U	0.0054	0.00040
591-78-6	2-Hexanone	0.0019	U	0.0054	0.0019
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0017	U	0.0054	0.0017
67-64-1	Acetone	0.017		0.0065	0.0062
71-43-2	Benzene	0.00028	U	0.0011	0.00028
75-25-2	Bromoform	0.00046	U	0.0011	0.00046
74-83-9	Bromomethane	0.0011	U	0.0022	0.0011
75-15-0	Carbon disulfide	0.00029	U	0.0011	0.00029
56-23-5	Carbon tetrachloride	0.00042	U	0.0011	0.00042
108-90-7	Chlorobenzene	0.00019	U	0.0011	0.00019
74-97-5	Chlorobromomethane	0.00031	U	0.0011	0.00031
124-48-1	Chlorodibromomethane	0.00021	U	0.0011	0.00021
75-00-3	Chloroethane	0.00057	U	0.0011	0.00057
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
74-87-3	Chloromethane	0.00047	U	0.0011	0.00047
156-59-2	cis-1,2-Dichloroethene	0.00039	U	0.0011	0.00039
10061-01-5	cis-1,3-Dichloropropene	0.00030	U	0.0011	0.00030
110-82-7	Cyclohexane	0.00024	U	0.0011	0.00024
75-27-4	Dichlorobromomethane	0.00028	U	0.0011	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-16 (3-5) | Lab Sample ID: 460-255692-20

Matrix: Solid | Lab File ID: B85458.D

Analysis Method: 8260D | Date Collected: 04/05/2022 13:20

Sample wt/vol: 4.98(g) | Date Analyzed: 04/09/2022 02:27

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 7.5 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.00037	U	0.0011	0.00037
100-41-4	Ethylbenzene	0.00022	U	0.0011	0.00022
106-93-4	Ethylene Dibromide	0.00020	U	0.0011	0.00020
98-82-8	Isopropylbenzene	0.00031	U	0.0011	0.00031
79-20-9	Methyl acetate	0.0047	U	0.0054	0.0047
1634-04-4	Methyl tert-butyl ether	0.00056	U	0.0011	0.00056
108-87-2	Methylcyclohexane	0.00054	U	0.0011	0.00054
75-09-2	Methylene Chloride	0.0012	U	0.0022	0.0012
179601-23-1	m-Xylene & p-Xylene	0.00019	U	0.0011	0.00019
104-51-8	n-Butylbenzene	0.00032	U	0.0011	0.00032
103-65-1	N-Propylbenzene	0.00019	U	0.0011	0.00019
95-47-6	o-Xylene	0.00021	U	0.0011	0.00021
135-98-8	sec-Butylbenzene	0.00031	U	0.0011	0.00031
100-42-5	Styrene	0.00030	U	0.0011	0.00030
98-06-6	tert-Butylbenzene	0.00030	U	0.0011	0.00030
127-18-4	Tetrachloroethene	0.0028		0.0011	0.00033
108-88-3	Toluene	0.00025	U	0.0011	0.00025
156-60-5	trans-1,2-Dichloroethene	0.00027	U	0.0011	0.00027
10061-02-6	trans-1,3-Dichloropropene	0.00029	U	0.0011	0.00029
79-01-6	Trichloroethene	0.00035	U	0.0011	0.00035
75-69-4	Trichlorofluoromethane	0.00044	U	0.0011	0.00044
75-01-4	Vinyl chloride	0.00059	U	0.0011	0.00059
1330-20-7	Xylenes, Total	0.00070	U	0.0022	0.00070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		77-145
460-00-4	4-Bromofluorobenzene	94		70-139
1868-53-7	Dibromofluoromethane (Surr)	109		48-150
2037-26-5	Toluene-d8 (Surr)	100		80-120

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

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-16 (3-5) | Lab Sample ID: 460-255692-20

Matrix: Solid | Lab File ID: B85458.D

Analysis Method: 8260D | Date Collected: 04/05/2022 13:20

Sample wt/vol: 4.98(g) | Date Analyzed: 04/09/2022 02:27

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 7.5 | Level: (low/med) Low

Analysis Batch No.: 838140 | Units: mg/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85458.D
Lims ID: 460-255692-B-20-A
Client ID: SB-16 (3-5)
Sample Type: Client
Inject. Date: 09-Apr-2022 02:27:30 ALS Bottle#: 29 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-20-A
Misc. Info.: 460-0143790-030
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 11:02:03 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:17:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.264	1.252	0.012	86	10265	15.6	
* 29 TBA-d9 (IS)	65	1.538	1.532	0.006	0	287166	1000.0	
* 40 2-Butanone-d5	46	2.288	2.270	0.018	0	245422	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.697	0.000	95	113315	54.3	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.983	2.971	0.012	0	131449	53.2	
* 60 Fluorobenzene	96	3.319	3.306	0.012	97	423402	50.0	
* 69 1,4-Dioxane-d8	96	4.123	4.111	0.012	0	8183	1000.0	sMa
$ 79 Toluene-d8 (Surr)	98	5.288	5.281	0.007	97	340181	50.0	
85 Tetrachloroethene	166	6.202	6.208	-0.006	91	3955	2.62	
* 91 Chlorobenzene-d5	117	7.647	7.641	0.006	90	234501	50.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	90	76096	46.9	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	97	115290	50.0	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00227 Amount Added: 1.00 Units: uL Run Reagent

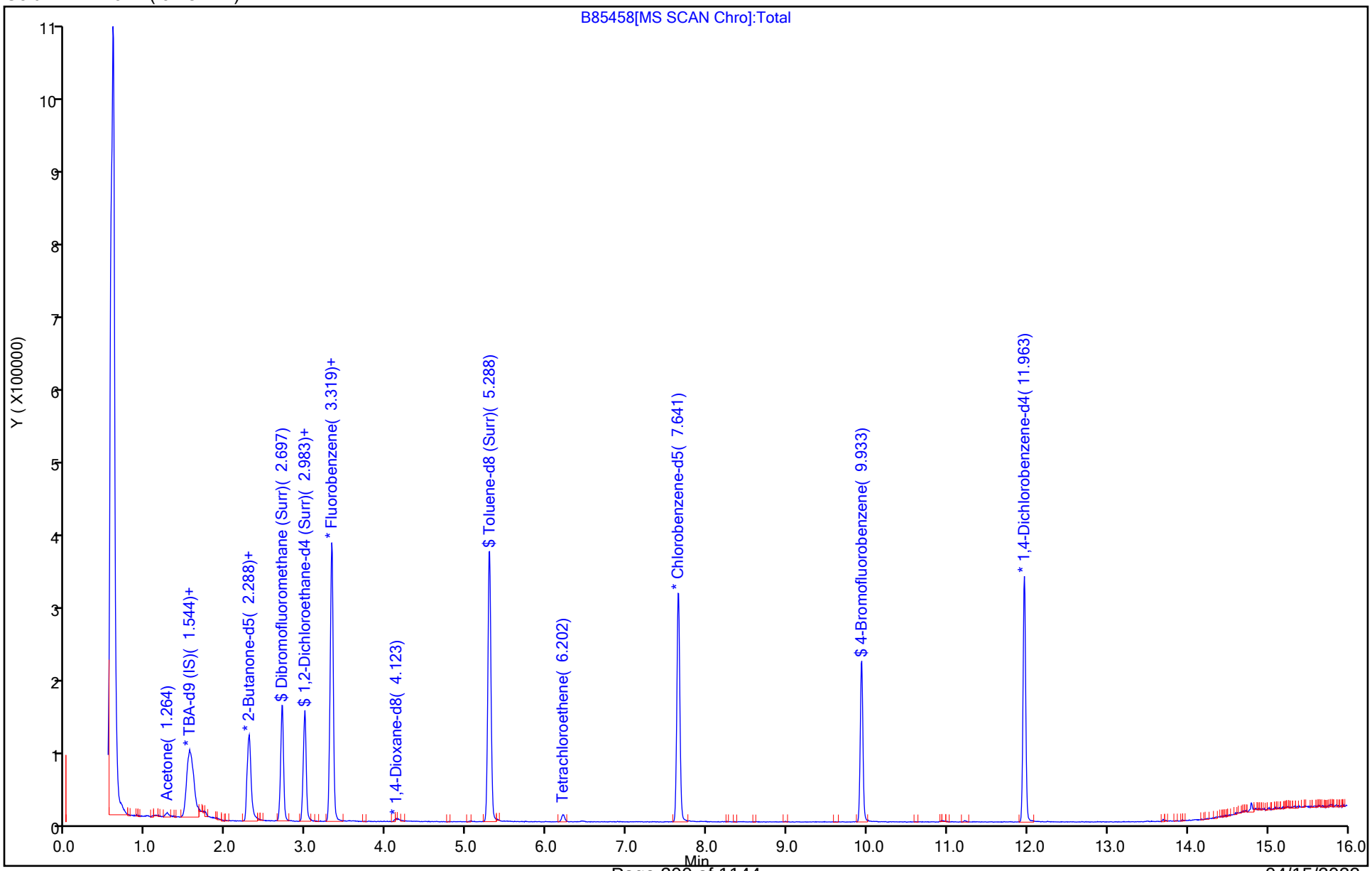
Report Date: 11-Apr-2022 11:02:03 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85458.D

Injection Date:	09-Apr-2022 02:27:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-255692-B-20-A	Lab Sample ID:	460-255692-20	Worklist Smp#:	30
Client ID:	SB-16 (3-5)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85458.D
Lims ID: 460-255692-B-20-A
Client ID: SB-16 (3-5)
Sample Type: Client
Inject. Date: 09-Apr-2022 02:27:30 ALS Bottle#: 29 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-20-A
Misc. Info.: 460-0143790-030
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 11:02:03 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 07:17:06

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	54.3	108.68
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	53.2	106.41
$ 79 Toluene-d8 (Surr)	50.0	50.0	100.08
$ 103 4-Bromofluorobenzene	50.0	46.9	93.81

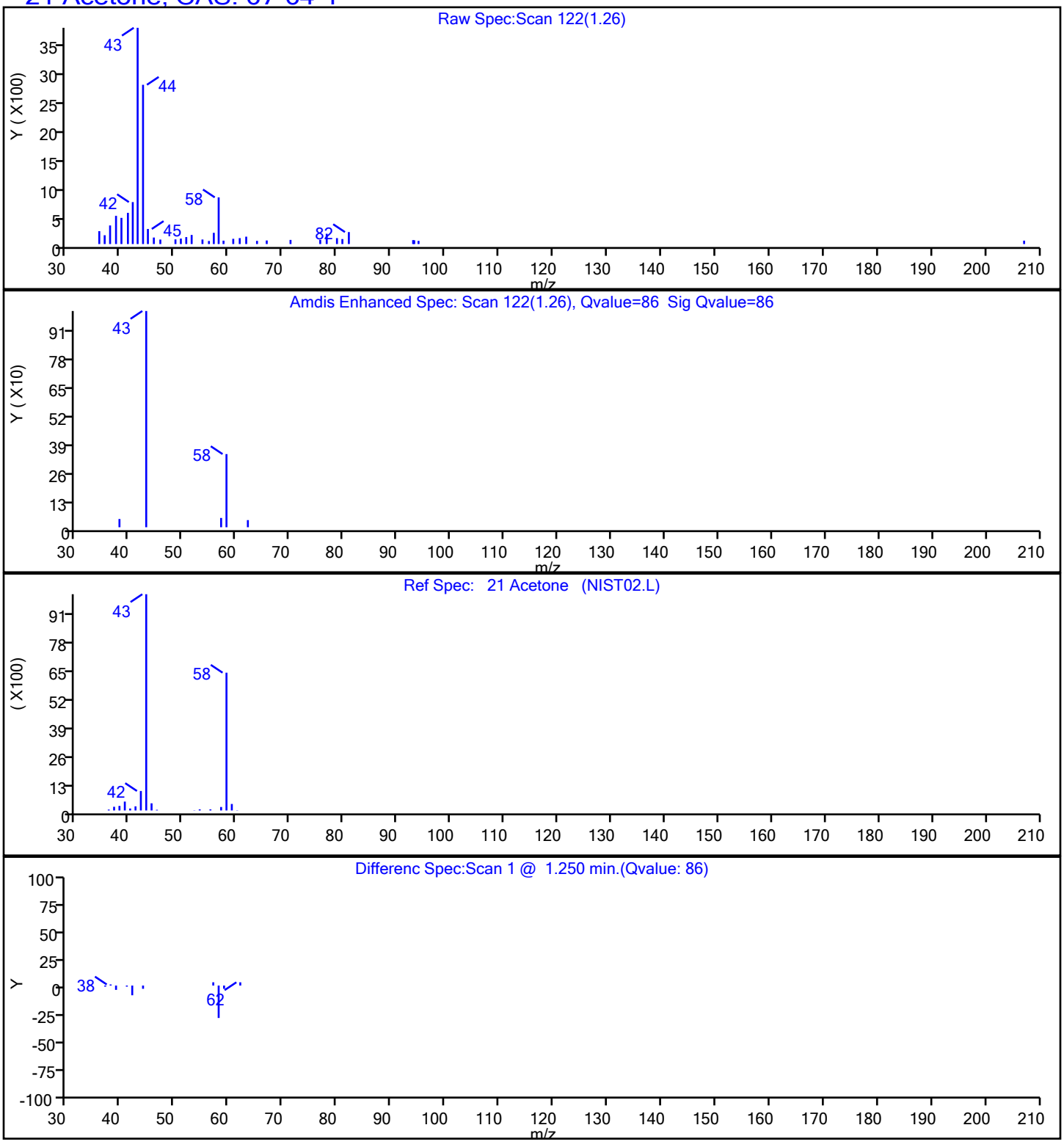
Report Date: 11-Apr-2022 11:02:03 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85458.D

Injection Date:	09-Apr-2022 02:27:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-20-A	Lab Sample ID:	460-255692-20
Client ID:	SB-16 (3-5)		
Operator ID:		ALS Bottle#:	29 Worklist Smp#: 30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

21 Acetone, CAS: 67-64-1



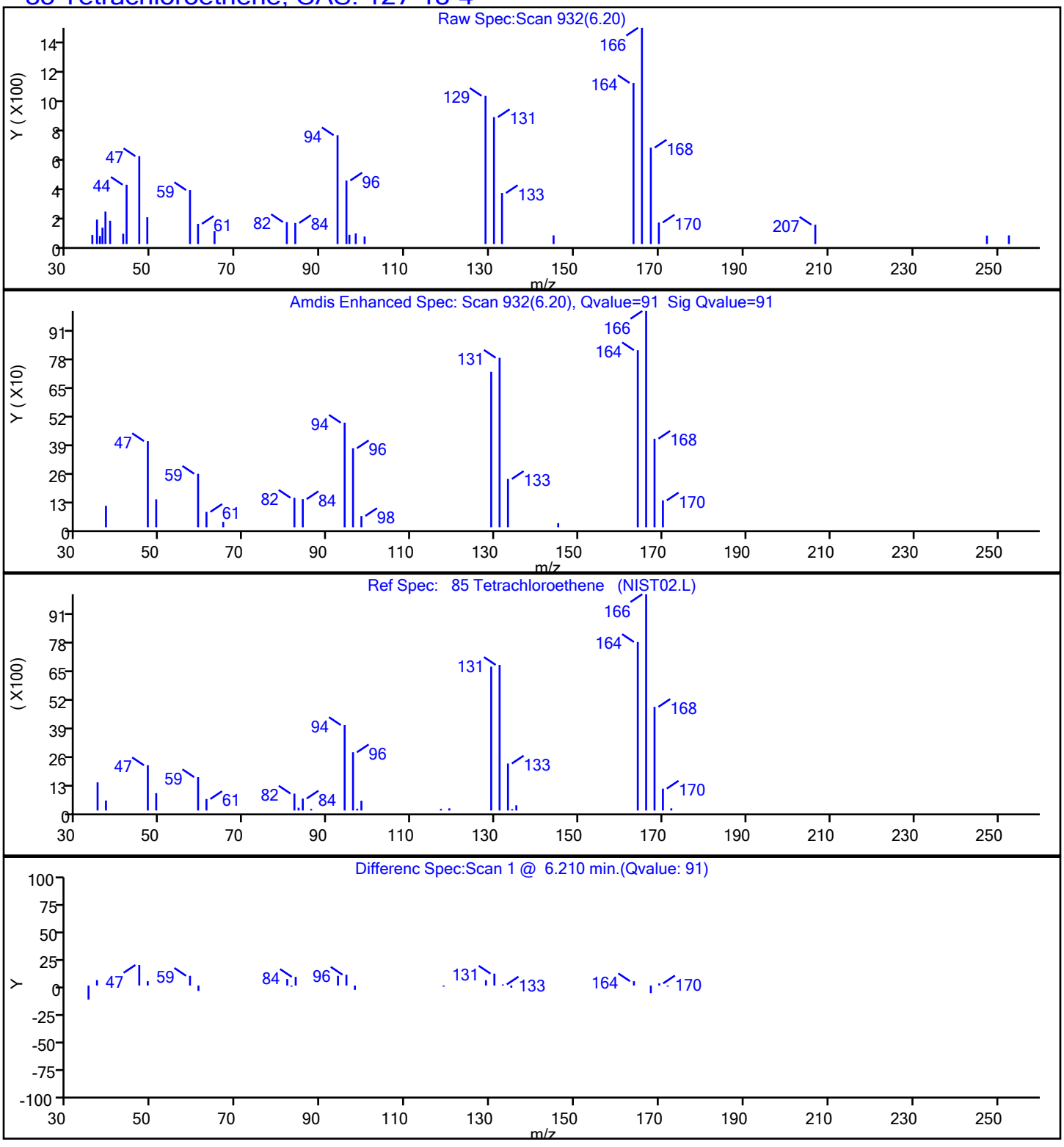
Report Date: 11-Apr-2022 11:02:04 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85458.D

Injection Date:	09-Apr-2022 02:27:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-20-A	Lab Sample ID:	460-255692-20
Client ID:	SB-16 (3-5)		
Operator ID:		ALS Bottle#:	29 Worklist Smp#: 30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

85 Tetrachloroethene, CAS: 127-18-4



Manual Integration/User Assign Peak Report

Eurofins Edison

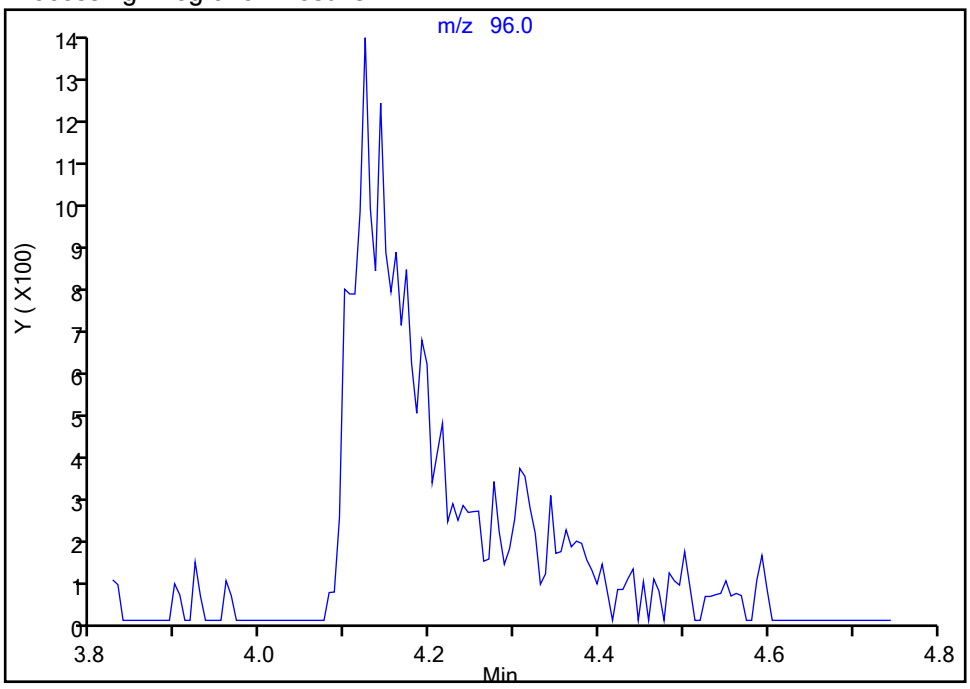
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85458.D				
Injection Date:	09-Apr-2022 02:27:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-20-A	Lab Sample ID:	460-255692-20		
Client ID:	SB-16 (3-5)				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

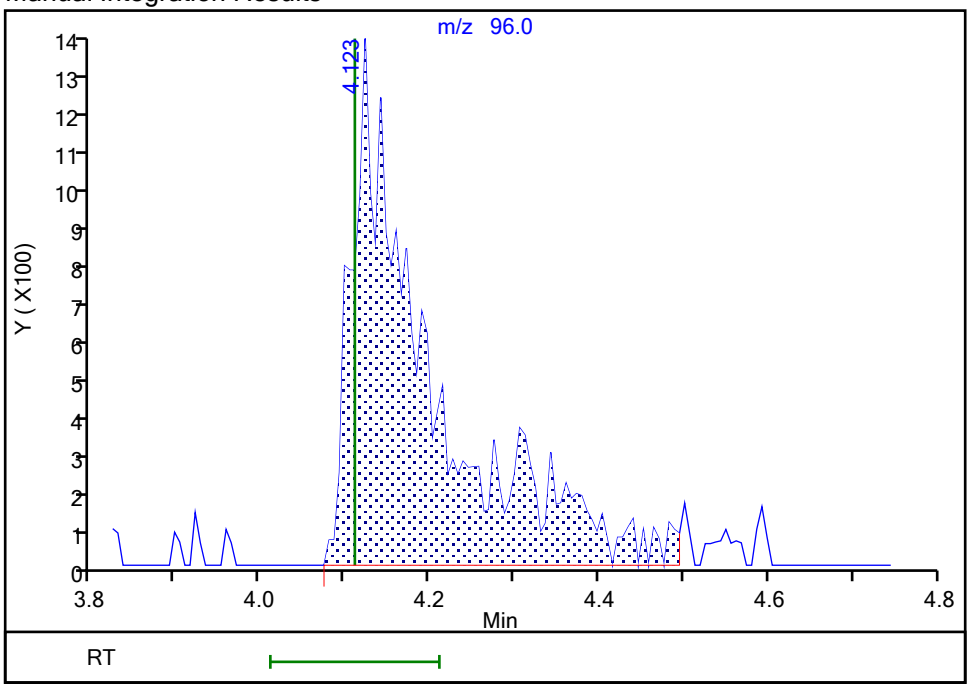
Not Detected
Expected RT: 4.11

Processing Integration Results



RT: 4.12
Area: 8183
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 11-Apr-2022 11:01:48
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-16 (7-7.5) | Lab Sample ID: 460-255692-21

Matrix: Solid | Lab File ID: B85468.D

Analysis Method: 8260D | Date Collected: 04/05/2022 13:25

Sample wt/vol: 3.39(g) | Date Analyzed: 04/09/2022 08:09

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 4.5 | Level: (low/med) Low

Analysis Batch No.: 838227 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00036	U	0.0015	0.00036
79-34-5	1,1,2,2-Tetrachloroethane	0.00033	U	0.0015	0.00033
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00046	U	0.0015	0.00046
79-00-5	1,1,2-Trichloroethane	0.00027	U	0.0015	0.00027
75-34-3	1,1-Dichloroethane	0.00032	U	0.0015	0.00032
75-35-4	1,1-Dichloroethene	0.00035	U	0.0015	0.00035
87-61-6	1,2,3-Trichlorobenzene	0.00028	U	0.0015	0.00028
120-82-1	1,2,4-Trichlorobenzene	0.00055	U	0.0015	0.00055
95-63-6	1,2,4-Trimethylbenzene	0.00038	U	0.0015	0.00038
96-12-8	1,2-Dibromo-3-Chloropropane	0.00071	U	0.0015	0.00071
95-50-1	1,2-Dichlorobenzene	0.00056	U	0.0015	0.00056
107-06-2	1,2-Dichloroethane	0.00046	U	0.0015	0.00046
78-87-5	1,2-Dichloropropane	0.00065	U	0.0015	0.00065
108-67-8	1,3,5-Trimethylbenzene	0.00048	U	0.0015	0.00048
541-73-1	1,3-Dichlorobenzene	0.00056	U	0.0015	0.00056
106-46-7	1,4-Dichlorobenzene	0.00035	U	0.0015	0.00035
78-93-3	2-Butanone (MEK)	0.00057	U	0.0077	0.00057
591-78-6	2-Hexanone	0.0026	U	0.0077	0.0026
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0024	U	0.0077	0.0024
67-64-1	Acetone	0.050		0.0093	0.0088
71-43-2	Benzene	0.00040	U	0.0015	0.00040
75-25-2	Bromoform	0.00066	U	0.0015	0.00066
74-83-9	Bromomethane	0.0015	U	0.0031	0.0015
75-15-0	Carbon disulfide	0.00041	U	0.0015	0.00041
56-23-5	Carbon tetrachloride	0.00060	U	0.0015	0.00060
108-90-7	Chlorobenzene	0.00027	U	0.0015	0.00027
74-97-5	Chlorobromomethane	0.00043	U	0.0015	0.00043
124-48-1	Chlorodibromomethane	0.00030	U	0.0015	0.00030
75-00-3	Chloroethane	0.00081	U	0.0015	0.00081
67-66-3	Chloroform	0.0015	U	0.0015	0.0015
74-87-3	Chloromethane	0.00067	U	0.0015	0.00067
156-59-2	cis-1,2-Dichloroethene	0.00055	U	0.0015	0.00055
10061-01-5	cis-1,3-Dichloropropene	0.00042	U	0.0015	0.00042
110-82-7	Cyclohexane	0.00034	U	0.0015	0.00034
75-27-4	Dichlorobromomethane	0.00040	U	0.0015	0.00040

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-16 (7-7.5) | Lab Sample ID: 460-255692-21

Matrix: Solid | Lab File ID: B85468.D

Analysis Method: 8260D | Date Collected: 04/05/2022 13:25

Sample wt/vol: 3.39(g) | Date Analyzed: 04/09/2022 08:09

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 4.5 | Level: (low/med) Low

Analysis Batch No.: 838227 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.00052	U	0.0015	0.00052
100-41-4	Ethylbenzene	0.00031	U	0.0015	0.00031
106-93-4	Ethylene Dibromide	0.00028	U	0.0015	0.00028
98-82-8	Isopropylbenzene	0.00044	U	0.0015	0.00044
79-20-9	Methyl acetate	0.0066	U	0.0077	0.0066
1634-04-4	Methyl tert-butyl ether	0.00079	U	0.0015	0.00079
108-87-2	Methylcyclohexane	0.00077	U	0.0015	0.00077
75-09-2	Methylene Chloride	0.0018	U	0.0031	0.0018
179601-23-1	m-Xylene & p-Xylene	0.00027	U	0.0015	0.00027
104-51-8	n-Butylbenzene	0.00045	U	0.0015	0.00045
103-65-1	N-Propylbenzene	0.00027	U	0.0015	0.00027
95-47-6	o-Xylene	0.00030	U	0.0015	0.00030
135-98-8	sec-Butylbenzene	0.00044	U	0.0015	0.00044
100-42-5	Styrene	0.00043	U	0.0015	0.00043
98-06-6	tert-Butylbenzene	0.00043	U	0.0015	0.00043
127-18-4	Tetrachloroethene	0.00047	U	0.0015	0.00047
108-88-3	Toluene	0.00036	U	0.0015	0.00036
156-60-5	trans-1,2-Dichloroethene	0.00038	U	0.0015	0.00038
10061-02-6	trans-1,3-Dichloropropene	0.00041	U	0.0015	0.00041
79-01-6	Trichloroethene	0.00050	U	0.0015	0.00050
75-69-4	Trichlorofluoromethane	0.00063	U	0.0015	0.00063
75-01-4	Vinyl chloride	0.00084	U	0.0015	0.00084
1330-20-7	Xylenes, Total	0.00099	U	0.0031	0.00099

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		77-145
460-00-4	4-Bromofluorobenzene	100		70-139
1868-53-7	Dibromofluoromethane (Surr)	107		48-150
2037-26-5	Toluene-d8 (Surr)	89		80-120

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

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: SB-16 (7-7.5) | Lab Sample ID: 460-255692-21

Matrix: Solid | Lab File ID: B85468.D

Analysis Method: 8260D | Date Collected: 04/05/2022 13:25

Sample wt/vol: 3.39(g) | Date Analyzed: 04/09/2022 08:09

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 4.5 | Level: (low/med) Low

Analysis Batch No.: 838227 | Units: mg/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85468.D
Lims ID: 460-255692-B-21-A
Client ID: SB-16 (7-7.5)
Sample Type: Client
Inject. Date: 09-Apr-2022 08:09:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-21-A
Misc. Info.: 460-0143808-009
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 11:23:37 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: parekhv Date: 09-Apr-2022 14:49:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.264	1.258	0.006	0	20052	32.5	
* 29 TBA-d9 (IS)	65	1.544	1.544	0.000	0	277878	1000.0	
* 40 2-Butanone-d5	46	2.282	2.282	0.000	0	230357	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.690	0.007	0	112970	53.3	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	125095	49.8	
* 60 Fluorobenzene	96	3.318	3.318	0.000	0	430521	50.0	
* 69 1,4-Dioxane-d8	96	4.123	4.141	-0.018	0	9152	1000.0	
$ 79 Toluene-d8 (Surr)	98	5.288	5.287	0.001	0	389568	44.3	
* 91 Chlorobenzene-d5	117	7.647	7.647	0.000	0	303329	50.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.933	0.000	0	96035	50.1	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	0	136304	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00227 Amount Added: 1.00 Units: uL Run Reagent

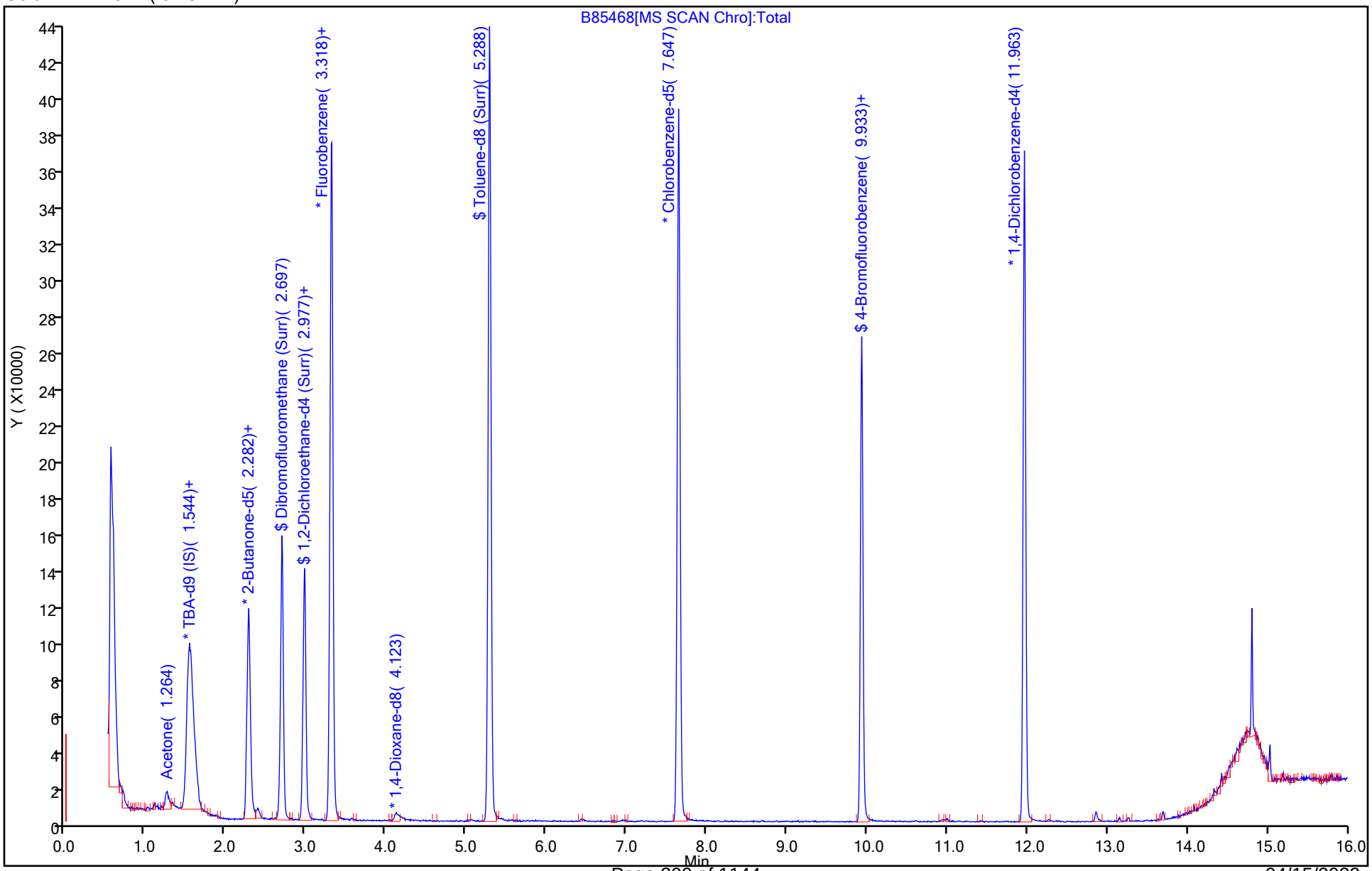
Report Date: 11-Apr-2022 11:23:38 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85468.D

Injection Date:	09-Apr-2022 08:09:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-255692-B-21-A	Lab Sample ID:	460-255692-21	Worklist Smp#:	9
Client ID:	SB-16 (7-7.5)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85468.D
Lims ID: 460-255692-B-21-A
Client ID: SB-16 (7-7.5)
Sample Type: Client
Inject. Date: 09-Apr-2022 08:09:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-21-A
Misc. Info.: 460-0143808-009
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 11:23:37 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

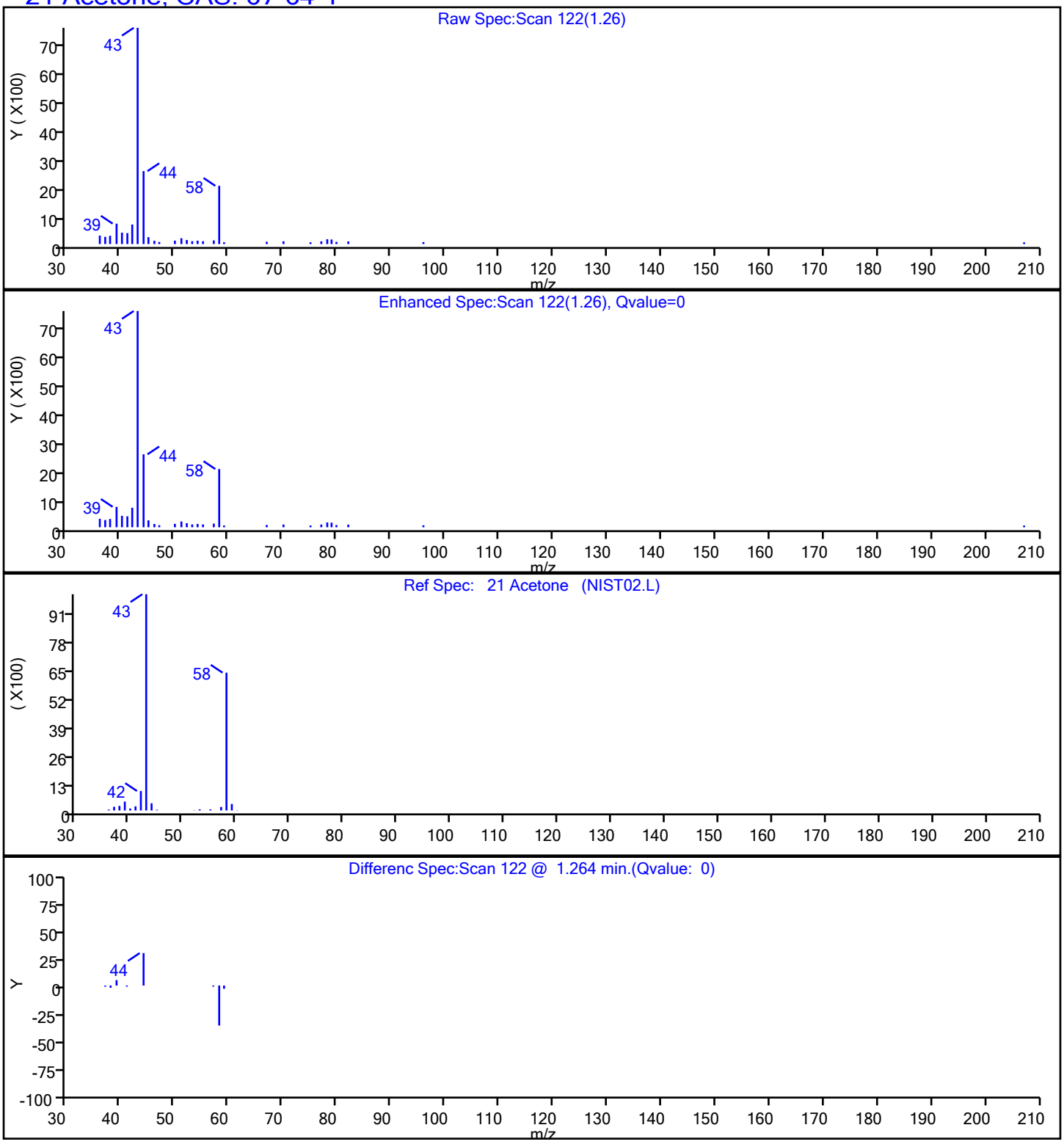
First Level Reviewer: parekhv Date: 09-Apr-2022 14:49:49

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	53.3	106.56
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	49.8	99.59
$ 79 Toluene-d8 (Surr)	50.0	44.3	88.61
$ 103 4-Bromofluorobenzene	50.0	50.1	100.14

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85468.D		
Injection Date:	09-Apr-2022 08:09:30	Instrument ID:	CVOAMS2
Lims ID:	460-255692-B-21-A	Lab Sample ID:	460-255692-21
Client ID:	SB-16 (7-7.5)		
Operator ID:		ALS Bottle#:	8 Worklist Smp#: 9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

21 Acetone, CAS: 67-64-1



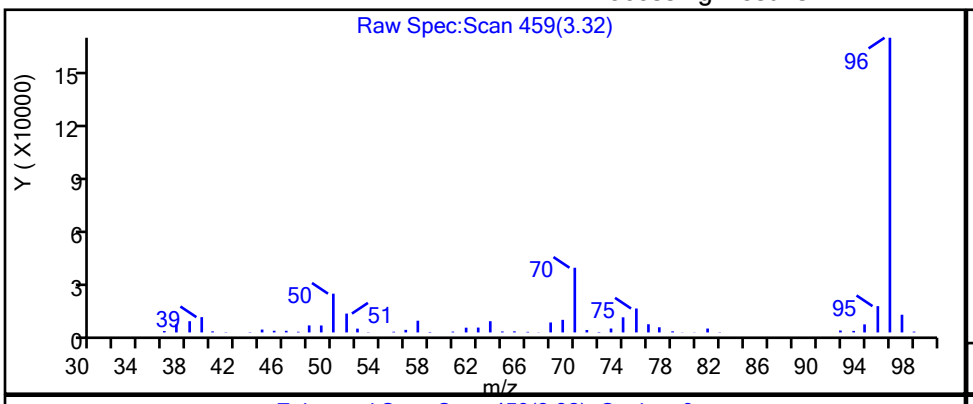
User Disabled Compound Report

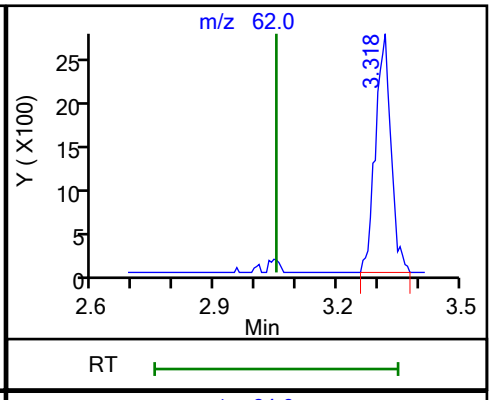
Eurofins Edison

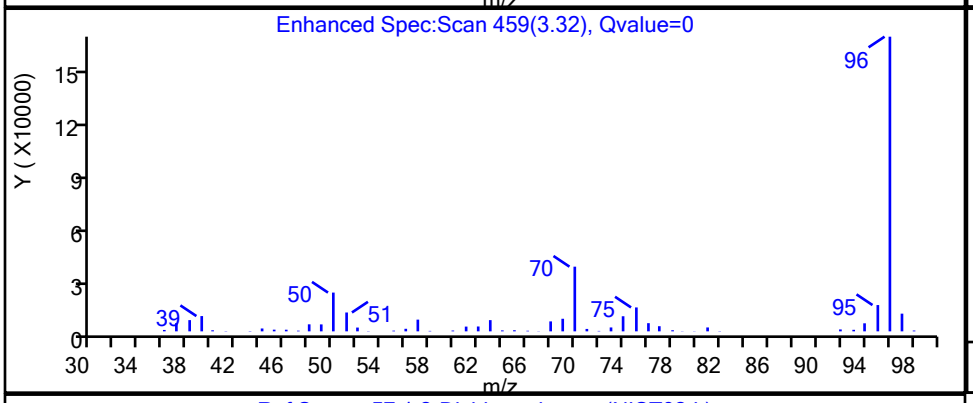
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85468.D				
Injection Date:	09-Apr-2022 08:09:30	Instrument ID:	CVOAMS2		
Lims ID:	460-255692-B-21-A	Lab Sample ID:	460-255692-21		
Client ID:	SB-16 (7-7.5)				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

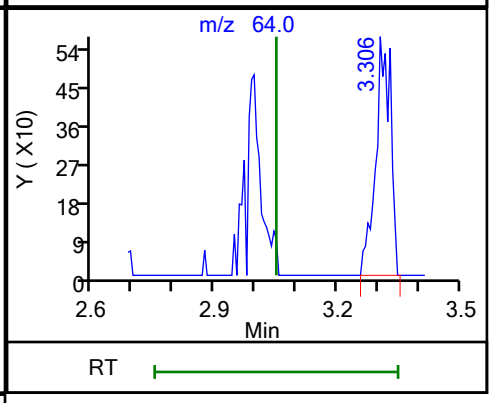
57 1,2-Dichloroethane, CAS: 107-06-2

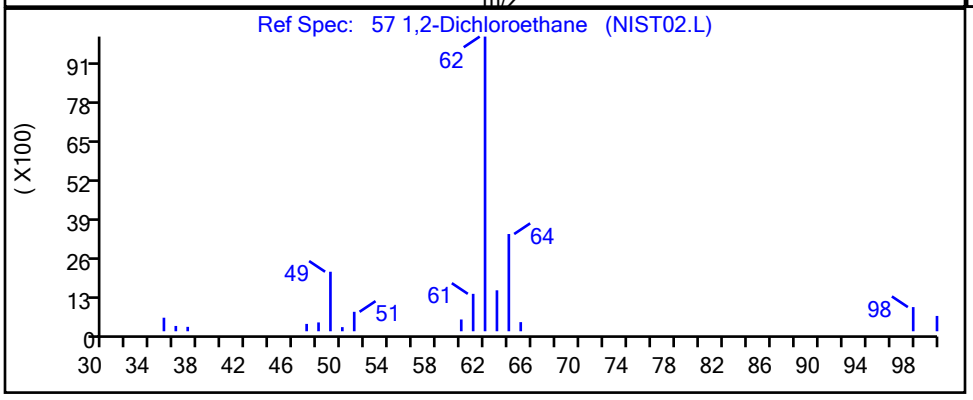
Processing Results











RT	Mass	Response	Amount
3.32	62.00	7219	2.549286
3.31	64.00	1445	

Reviewer: parekhv, 09-Apr-2022 14:49:44

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: TB | Lab Sample ID: 460-255692-22

Matrix: Water | Lab File ID: N47701.D

Analysis Method: 8260D | Date Collected: 04/05/2022 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 04/08/2022 11:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 838022 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: TB | Lab Sample ID: 460-255692-22

Matrix: Water | Lab File ID: N47701.D

Analysis Method: 8260D | Date Collected: 04/05/2022 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 04/08/2022 11:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 838022 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		75-123
460-00-4	4-Bromofluorobenzene	107		76-120
1868-53-7	Dibromofluoromethane (Surr)	124		77-124
2037-26-5	Toluene-d8 (Surr)	108		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47701.D
Lims ID: 460-255692-B-22
Client ID: TB
Sample Type: Client
Inject. Date: 08-Apr-2022 11:02:30 ALS Bottle#: 31 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-22
Misc. Info.: 460-0143765-015
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-Apr-2022 11:32:42 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1621

First Level Reviewer: moroneyc Date: 08-Apr-2022 11:32:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.886	2.892	-0.006	0	31889	1000.0	
* 43 2-Butanone-d5	46	3.914	3.914	0.000	0	164196	250.0	
$ 56 Dibromofluoromethane (Surr)	113	4.370	4.370	0.000	0	162473	62.1	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.711	4.711	0.000	0	144652	60.0	
* 67 Fluorobenzene	96	4.973	4.972	0.001	0	439319	50.0	
* 73 1,4-Dioxane-d8	96	5.654	5.654	0.000	0	24872	1000.0	
$ 84 Toluene-d8 (Surr)	98	6.609	6.603	0.006	0	496099	54.2	
* 95 Chlorobenzene-d5	117	8.361	8.361	0.000	0	368349	50.0	
$ 106 4-Bromofluorobenzene	174	9.839	9.839	0.000	0	142772	53.5	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	0	206543	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00226 Amount Added: 1.00 Units: uL Run Reagent

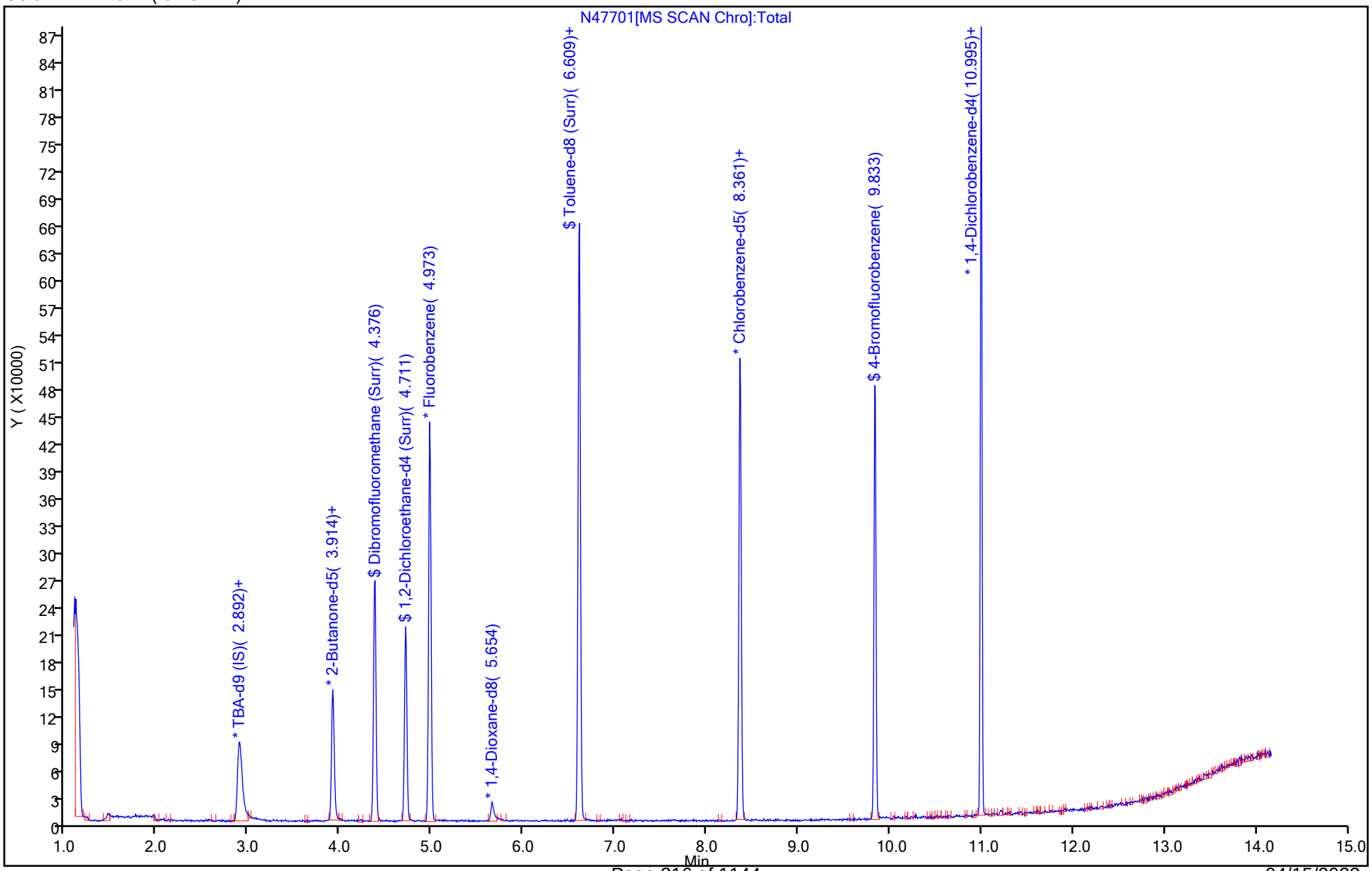
Report Date: 08-Apr-2022 11:32:43 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47701.D

Injection Date:	08-Apr-2022 11:02:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	460-255692-B-22	Lab Sample ID:	460-255692-22	Worklist Smp#:	15
Client ID:	TB				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	31
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47701.D
Lims ID: 460-255692-B-22
Client ID: TB
Sample Type: Client
Inject. Date: 08-Apr-2022 11:02:30 ALS Bottle#: 31 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-22
Misc. Info.: 460-0143765-015
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-Apr-2022 11:32:42 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1621

First Level Reviewer: moroneyc Date: 08-Apr-2022 11:32:42

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	62.1	124.17
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	60.0	119.94
$ 84 Toluene-d8 (Surr)	50.0	54.2	108.36
$ 106 4-Bromofluorobenzene	50.0	53.5	106.94

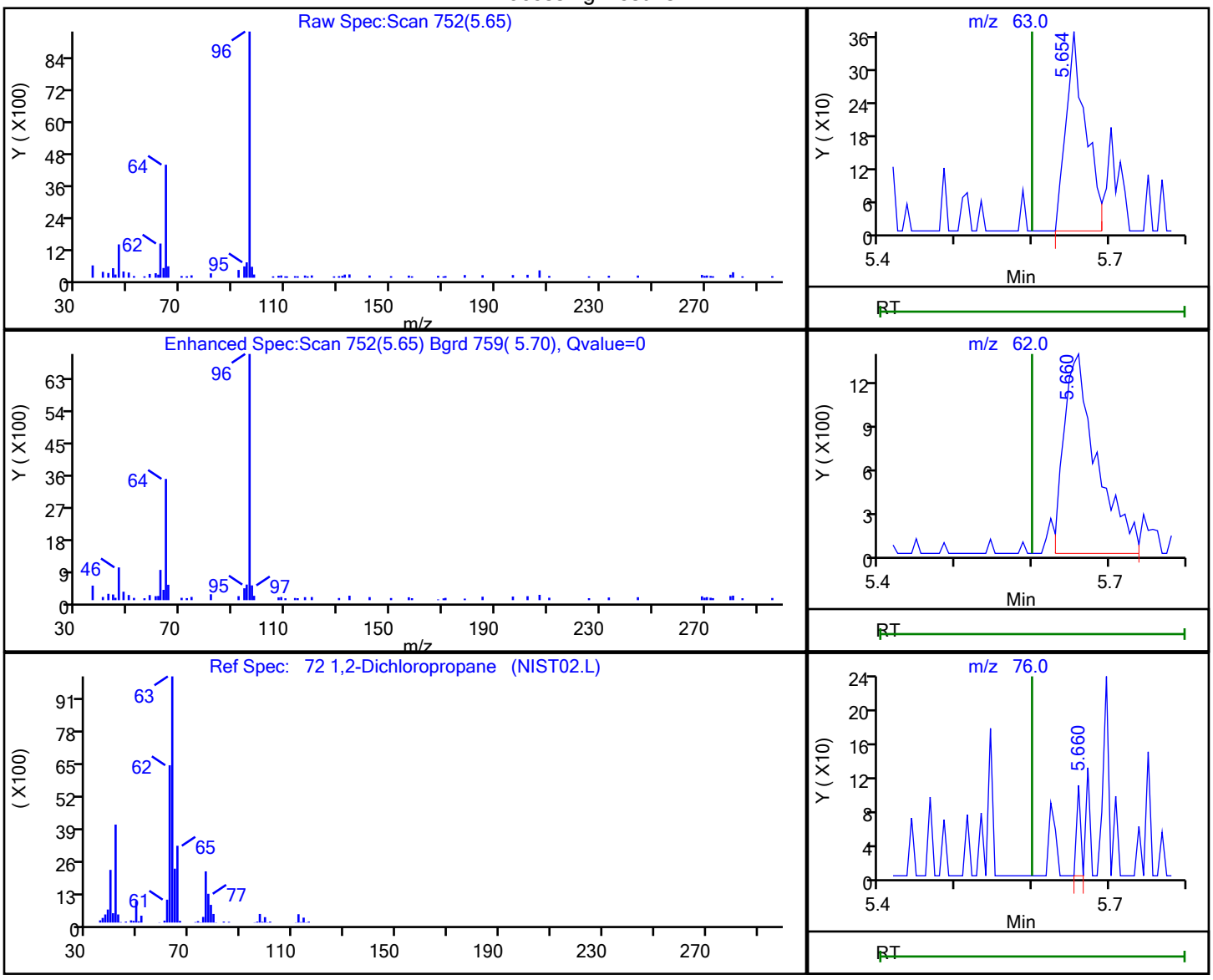
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47701.D				
Injection Date:	08-Apr-2022 11:02:30	Instrument ID:	CVOAMS11		
Lims ID:	460-255692-B-22	Lab Sample ID:	460-255692-22		
Client ID:	TB				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

72 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
5.65	63.00	669	0.311488
5.66	62.00	4099	
5.66	76.00	39	
5.69	112.00	32	

Reviewer: moroneyc, 08-Apr-2022 11:32:09

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

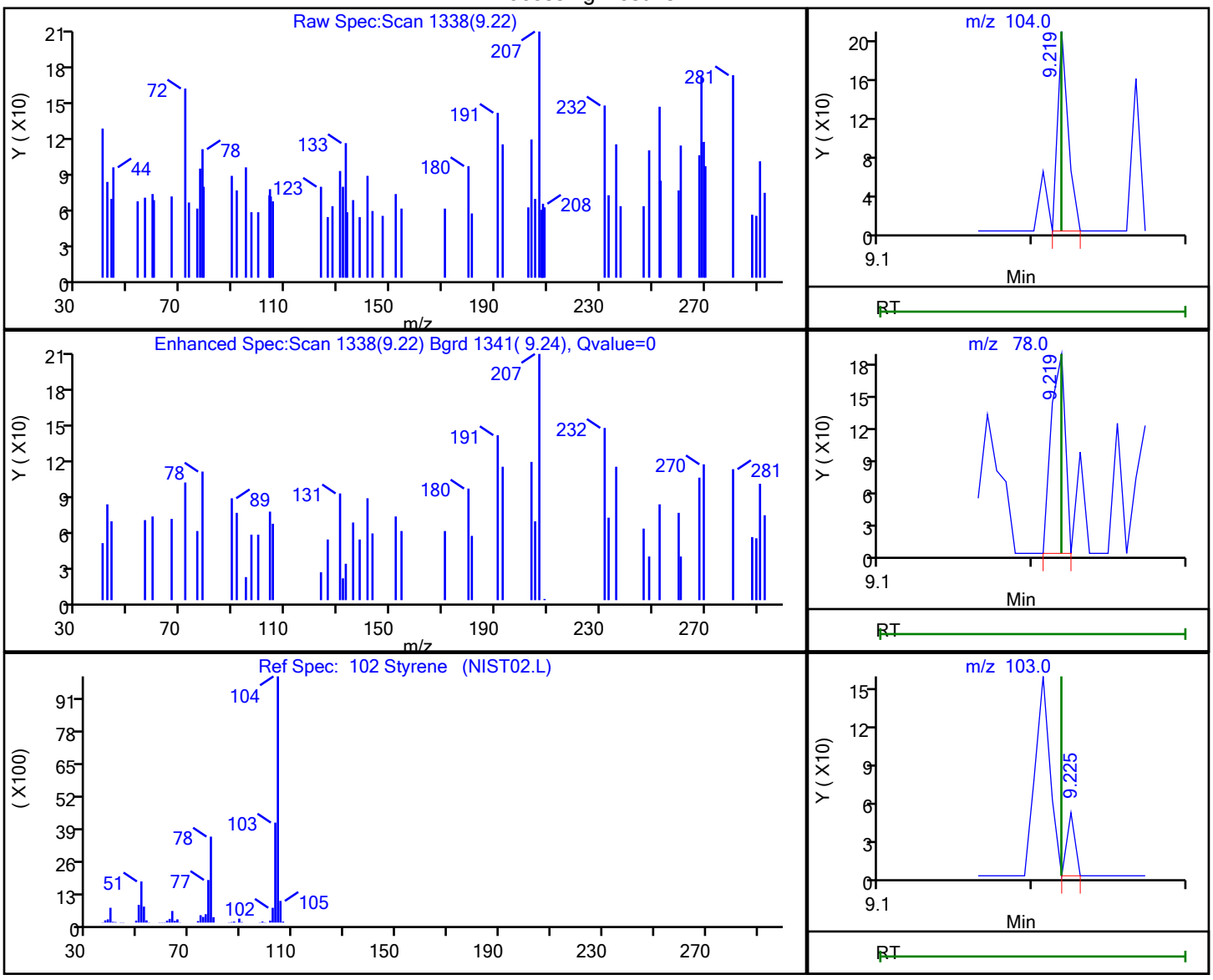
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47701.D				
Injection Date:	08-Apr-2022 11:02:30	Instrument ID:	CVOAMS11		
Lims ID:	460-255692-B-22	Lab Sample ID:	460-255692-22		
Client ID:	TB				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

102 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
9.22	104.00	99	0.448051
9.22	78.00	116	
9.23	103.00	18	

Reviewer: moroneyc, 08-Apr-2022 11:32:12

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: FB | Lab Sample ID: 460-255692-23

Matrix: Water | Lab File ID: N47702.D

Analysis Method: 8260D | Date Collected: 04/05/2022 08:10

Sample wt/vol: 5(mL) | Date Analyzed: 04/08/2022 11:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 838022 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.7	J	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: FB | Lab Sample ID: 460-255692-23

Matrix: Water | Lab File ID: N47702.D

Analysis Method: 8260D | Date Collected: 04/05/2022 08:10

Sample wt/vol: 5(mL) | Date Analyzed: 04/08/2022 11:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 838022 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	2.7		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		75-123
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	123		77-124
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47702.D
Lims ID: 460-255692-B-23
Client ID: FB
Sample Type: Client
Inject. Date: 08-Apr-2022 11:25:30 ALS Bottle#: 32 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-23
Misc. Info.: 460-0143765-016
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-Apr-2022 11:55:50 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1621

First Level Reviewer: moroneyc Date: 08-Apr-2022 11:55:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
23 Acetone	58	2.564	2.563	0.001	0	910	4.71	
* 31 TBA-d9 (IS)	66	2.904	2.892	0.012	0	33770	1000.0	
32 Methylene Chloride	84	2.904	2.904	0.000	0	7603	2.72	
* 43 2-Butanone-d5	46	3.914	3.914	0.000	0	167063	250.0	
$ 56 Dibromofluoromethane (Surr)	113	4.376	4.370	0.006	0	161170	61.7	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.711	4.711	0.000	0	141756	58.9	
* 67 Fluorobenzene	96	4.979	4.972	0.007	0	438435	50.0	
* 73 1,4-Dioxane-d8	96	5.660	5.654	0.006	0	25065	1000.0	
$ 84 Toluene-d8 (Surr)	98	6.609	6.603	0.006	0	487132	52.7	
* 95 Chlorobenzene-d5	117	8.361	8.361	0.000	0	372042	50.0	
$ 106 4-Bromofluorobenzene	174	9.839	9.839	0.000	0	134767	50.0	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	0	216701	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00226 Amount Added: 1.00 Units: uL Run Reagent

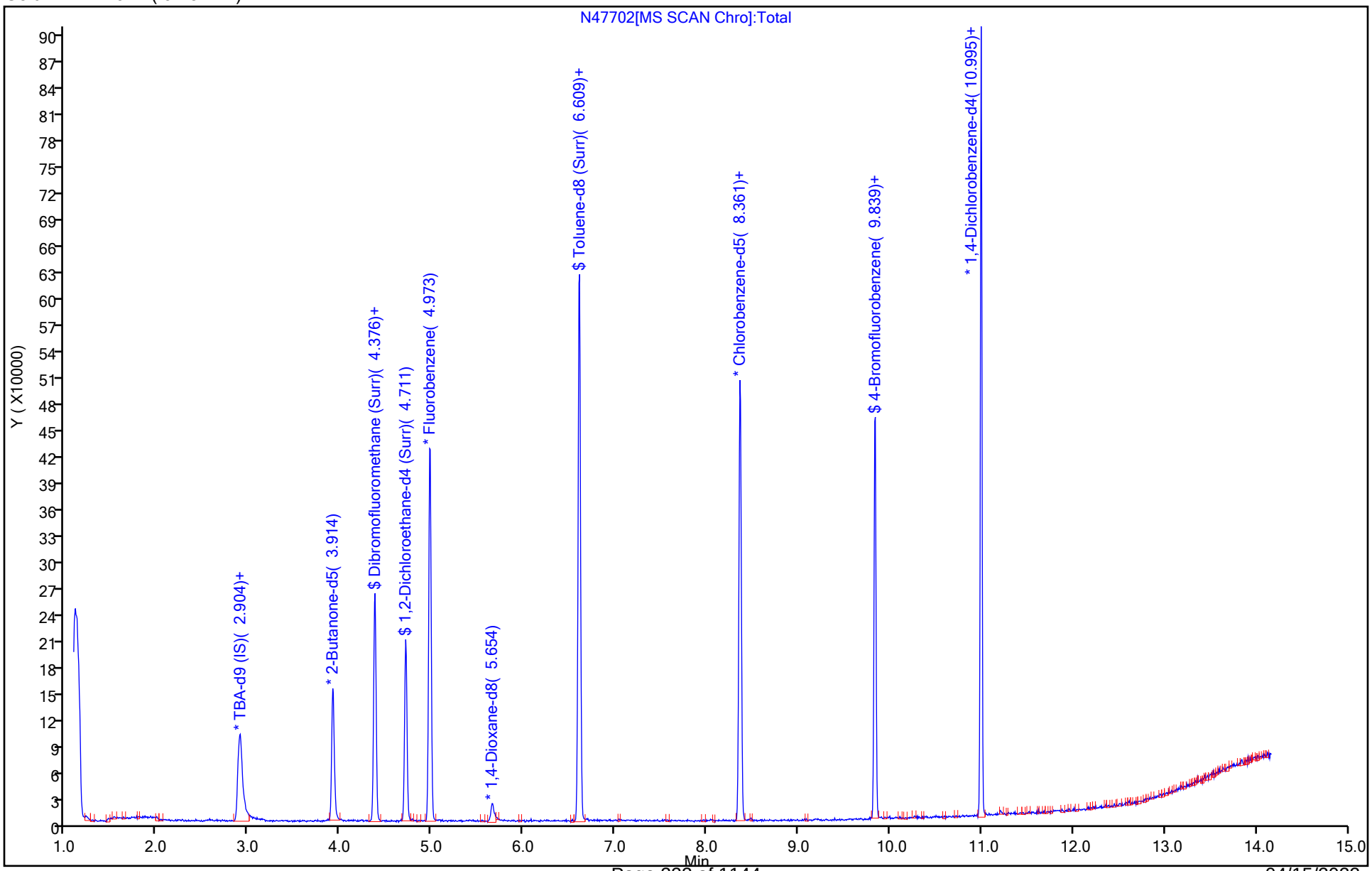
Report Date: 08-Apr-2022 11:55:51 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47702.D

Injection Date:	08-Apr-2022 11:25:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	460-255692-B-23	Lab Sample ID:	460-255692-23	Worklist Smp#:	16
Client ID:	FB				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	32
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47702.D
Lims ID: 460-255692-B-23
Client ID: FB
Sample Type: Client
Inject. Date: 08-Apr-2022 11:25:30 ALS Bottle#: 32 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-255692-B-23
Misc. Info.: 460-0143765-016
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-Apr-2022 11:55:50 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1621

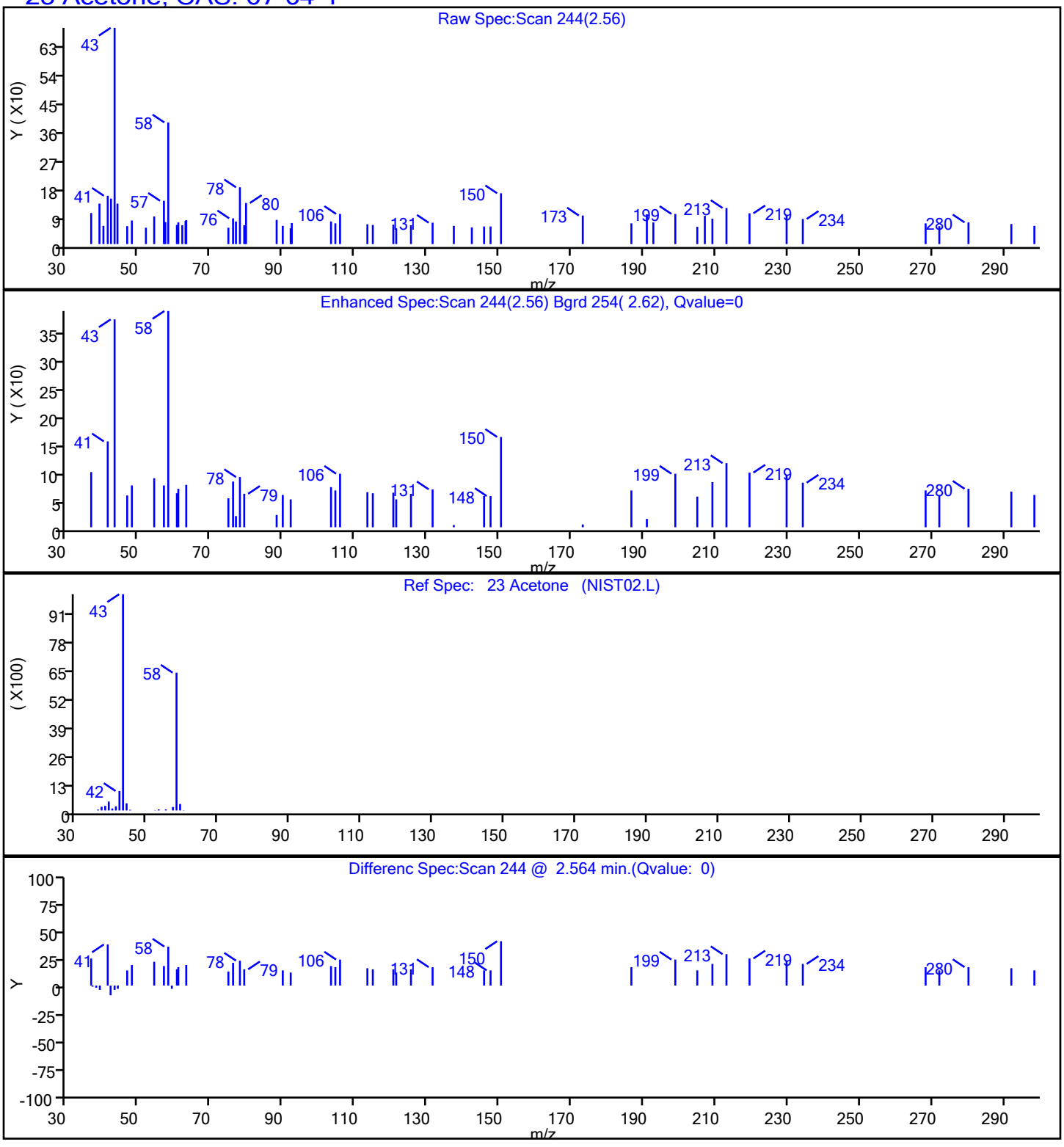
First Level Reviewer: moroneyc Date: 08-Apr-2022 11:55:50

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	61.7	123.43
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	58.9	117.77
$ 84 Toluene-d8 (Surr)	50.0	52.7	105.34
$ 106 4-Bromofluorobenzene	50.0	50.0	99.94

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47702.D
Injection Date: 08-Apr-2022 11:25:30 Instrument ID: CVOAMS11
Lims ID: 460-255692-B-23 Lab Sample ID: 460-255692-23
Client ID: FB
Operator ID: ALS Bottle#: 32 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

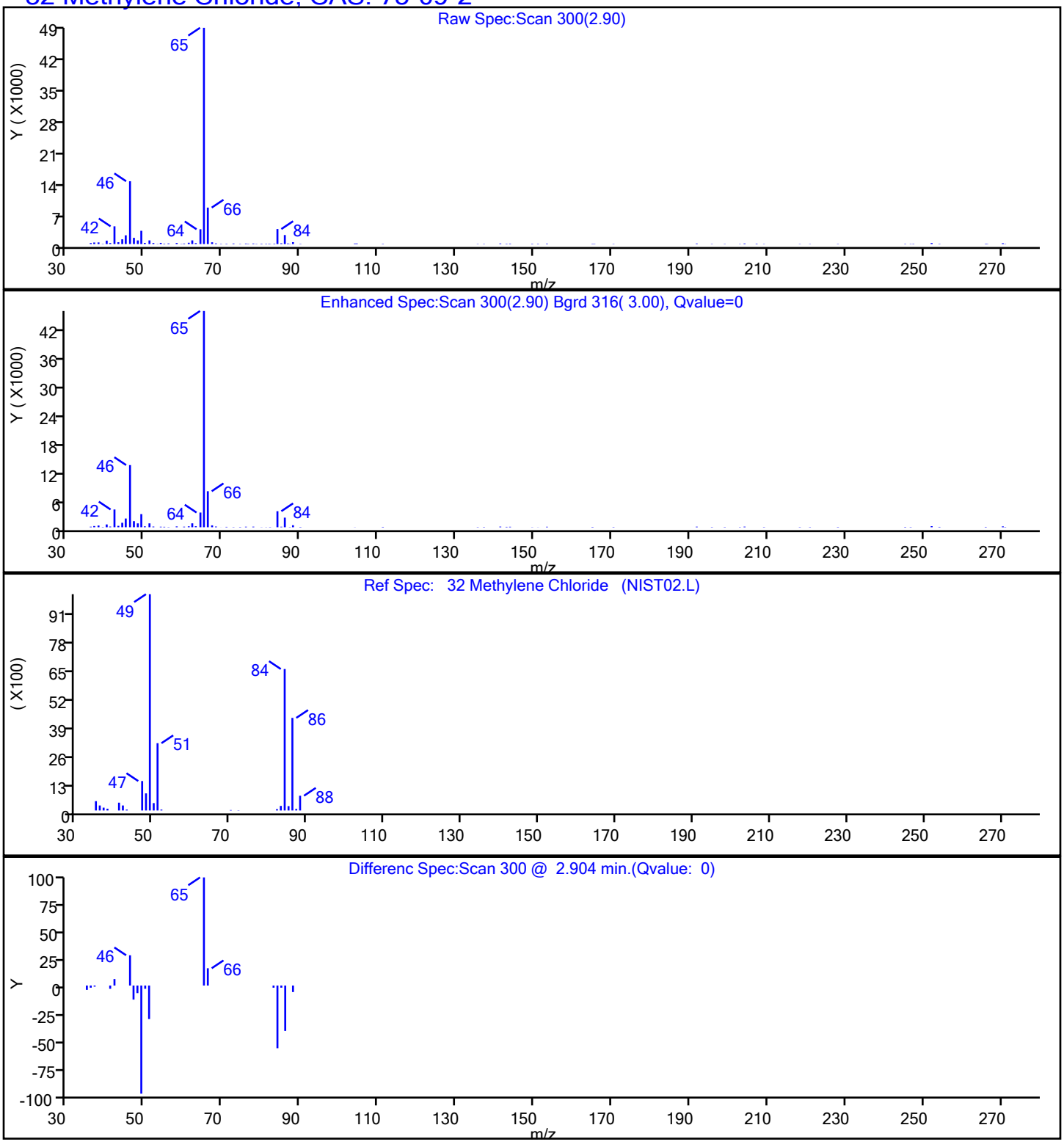
23 Acetone, CAS: 67-64-1



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47702.D
Injection Date: 08-Apr-2022 11:25:30 Instrument ID: CVOAMS11
Lims ID: 460-255692-B-23 Lab Sample ID: 460-255692-23
Client ID: FB
Operator ID: ALS Bottle#: 32 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 Methylene Chloride, CAS: 75-09-2



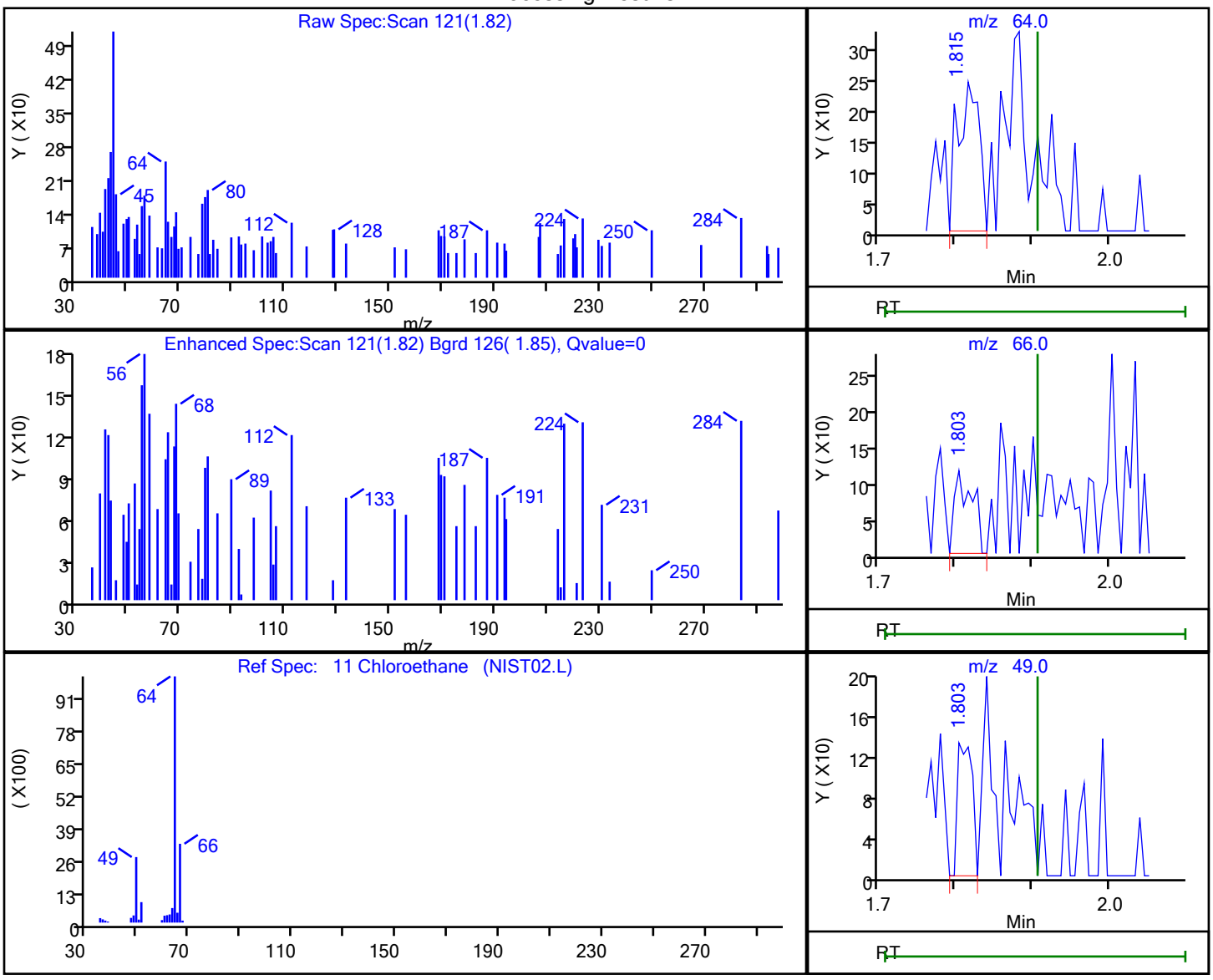
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47702.D				
Injection Date:	08-Apr-2022 11:25:30	Instrument ID:	CVOAMS11		
Lims ID:	460-255692-B-23	Lab Sample ID:	460-255692-23		
Client ID:	FB				
Operator ID:		ALS Bottle#:	32	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

11 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.82	64.00	472	0.323896
1.80	66.00	184	
1.80	49.00	170	

Reviewer: moroneyc, 08-Apr-2022 11:55:22

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

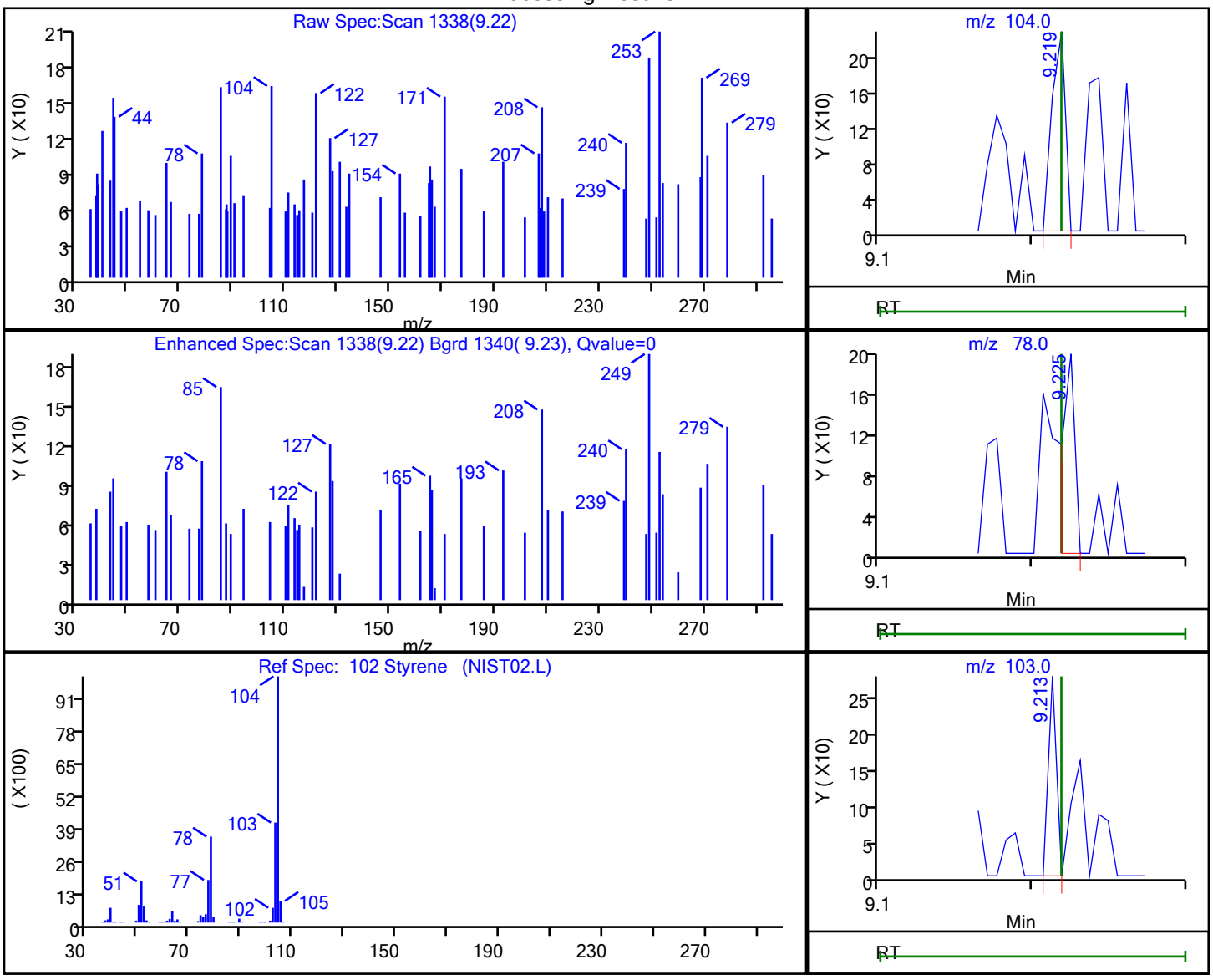
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47702.D				
Injection Date:	08-Apr-2022 11:25:30	Instrument ID:	CVOAMS11		
Lims ID:	460-255692-B-23	Lab Sample ID:	460-255692-23		
Client ID:	FB				
Operator ID:		ALS Bottle#:	32	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

102 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
9.22	104.00	135	0.452642
9.23	78.00	108	
9.21	103.00	102	

Reviewer: moroneyc, 08-Apr-2022 11:55:29

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-836508/3	N47427.D
Level 2	STD1 460-836508/4	N47428.D
Level 3	STD5 460-836508/5	N47429.D
Level 4	STD20 460-836508/6	N47430.D
Level 5	STD50 460-836508/7	N47431.D
Level 6	STD200 460-836508/8	N47432.D
Level 7	STD500 460-836508/9	N47433.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.1176	0.1122 0.1397	0.1237	0.1233	0.1313	Ave		0.1246				7.8		20.0			
Dichlorodifluoromethane	+++++ 0.3736	0.3454 0.4534	0.3293	0.3705	0.3867	Ave		0.3765			0.1000	11.4		20.0			
Chlorodifluoromethane	+++++ 0.2819	0.2845 0.3289	0.2726	0.2800	0.3102	Ave		0.2930				7.4		20.0			
Chloromethane	+++++ 0.9133	1.1100 1.1500	0.9419	0.8345	1.0235	Ave		0.9955			0.1000	12.2		20.0			
Vinyl chloride	+++++ 0.2924	0.3571 0.3334	0.2873	0.3082	0.3093	Ave		0.3146			0.1000	8.4		20.0			
Butadiene	0.0576 0.1875	0.1795 0.2280	0.1672	0.1997	0.1921	Lin2	-0.0355	0.1993							0.9910		0.9900
Bromomethane	+++++ 0.2324	0.2511 0.2518	0.2228	0.2545	0.2475	Ave		0.2434			0.1000	5.2		20.0			
Chloroethane	+++++ 0.1522	0.2095 0.1718	0.1330	0.1672	0.1635	Ave		0.1662			0.1000	15.3		20.0			
Dichlorofluoromethane	+++++ 0.4592	0.4935 0.5113	0.4545	0.5171	0.5135	Ave		0.4915				5.7		20.0			
Trichlorofluoromethane	+++++ 0.3996	0.4027 0.4498	0.4129	0.4376	0.4644	Ave		0.4278			0.1000	6.2		20.0			
Pentane	+++++ 6.6338	7.3981 7.4951	8.0455	8.2322	7.9237	Ave		7.6214				7.6		20.0			
Ethanol	+++++ 0.2653	0.4469 0.2708	0.2620	0.2451	0.2704	Lin2	7.4774	0.2536							0.9940		0.9900
Ethyl ether	+++++ 0.1316	0.1766 0.1452	0.1469	0.1559	0.1459	Ave		0.1504				10.0		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	+++++ 0.1399	0.1546 0.1556	0.1448	0.1660	0.1649	Ave		0.1543				6.8		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2540	0.2244 0.2866	0.2730	0.2894	0.2993	Ave		0.2711				10.2		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.3356	0.3807 0.3844	0.3477	0.3250	0.3691	Ave		0.3571				6.9		20.0			
Acrolein	+++++ 6.6669	6.9610 7.0335	6.1476	7.7201	7.1098	Ave		6.9398				7.5		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.1485	0.2061 0.1845	0.1964	0.2207	0.2177	Ave		0.1957			0.1000	13.7		20.0			
1,1-Dichloroethene	+++++ 0.2462	0.2831 0.2875	0.2485	0.3029	0.2859	Ave		0.2757			0.1000	8.3		20.0			
Acetone	+++++ 0.2622	0.3038 0.2957	0.3093	0.2677	0.2952	Ave		0.2890			0.0500	6.7		20.0			
Iodomethane	+++++ 0.5225	0.5629 0.5793	0.5769	0.6218	0.6240	Ave		0.5812				6.6		20.0			
Isopropyl alcohol	+++++ 3.1829	4.0653 3.1895	3.9938	3.2148	3.1755	Ave		3.4703				12.5		20.0			
Carbon disulfide	+++++ 0.7895	0.9158 0.9013	0.8381	0.9240	0.9035	Ave		0.8787			0.1000	6.1		20.0			
3-Chloro-1-propene	+++++ 0.2137	0.1349 +++++	0.1899	0.2283	0.1963	Ave		0.1926				18.5		20.0			
Methyl acetate	+++++ 12.313	14.529 12.126	13.179	13.832	12.742	Ave		13.120			0.1000	7.1		20.0			
Cyclopentene	+++++ 0.5359	0.4955 0.5417	0.4760	0.5649	0.5544	Ave		0.5280				6.6		20.0			
Acetonitrile	+++++ 9.0330	7.1215 7.2099	7.9693	7.7298	7.0023	Ave		7.6777				9.9		20.0			
Methylene Chloride	+++++ 0.3114	0.3276 0.3117	0.2897	0.3504	0.3190	Ave		0.3183			0.1000	6.3		20.0			
2-Methyl-2-propanol	+++++ 6.5451	8.2737 6.2391	6.6463	7.4511	6.3898	Ave		6.9242				11.3		20.0			
Methyl tert-butyl ether	+++++ 0.6461	0.6655 0.6425	0.6341	0.7709	0.6707	Ave		0.6716			0.1000	7.5		20.0			
trans-1,2-Dichloroethene	+++++ 0.2995	0.3643 0.3076	0.2958	0.3555	0.3169	Ave		0.3233			0.1000	9.1		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrylonitrile	25.252 25.576	24.275 22.861	24.670	28.354	23.337	Ave		24.903				7.3		20.0			
Hexane	+++++ 0.0774	0.0786 0.0771	0.0766	0.0991	0.0811	Ave		0.0816				10.6		20.0			
Isopropyl ether	+++++ 0.6679	0.6648 0.6006	0.5402	0.7197	0.5771	Ave		0.6284				10.7		20.0			
1,1-Dichloroethane	+++++ 0.4531	0.4370 0.4459	0.4178	0.5255	0.4376	Ave		0.4528			0.2000	8.3		20.0			
Vinyl acetate	+++++ 0.6913	0.6974 0.7662	0.6977	0.7569	0.7744	Ave		0.7306				5.3		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2603	0.2613 0.2683	0.2147	0.2804	0.2589	Ave		0.2573				8.7		20.0			
Tert-butyl ethyl ether	+++++ 0.6290	0.6455 0.5816	0.5458	0.7304	0.5996	Ave		0.6220				10.2		20.0			
2,2-Dichloropropane	+++++ 0.1082	0.1448 0.1064	0.1098	0.1262	0.1187	Ave		0.1190				12.3		20.0			
cis-1,2-Dichloroethene	+++++ 0.3286	0.3520 0.3376	0.3279	0.4026	0.3414	Ave		0.3484			0.1000	8.0		20.0			
2-Butanone (MEK)	+++++ 0.3861	0.4908 0.4161	0.4336	0.4297	0.4195	Ave		0.4293			0.0500	8.0		20.0			
Ethyl acetate	+++++ 0.3326	0.4527 0.3607	0.3683	0.3590	0.3704	Ave		0.3740				10.9		20.0			
Methyl acrylate	+++++ 0.2110	0.1832 0.2091	0.1648	0.2288	0.1900	Ave		0.1978				11.6		20.0			
Propionitrile	+++++ 10.085	9.3749 9.2382	9.8168	10.846	8.8189	Ave		9.6967				7.4		20.0			
Tetrahydrofuran	+++++ 0.4048	0.4781 0.4455	0.4963	0.4638	0.4678	Ave		0.4594				6.9		20.0			
Chlorobromomethane	+++++ 0.1852	0.2161 0.1897	0.1972	0.2235	0.2027	Ave		0.2024				7.4		20.0			
Methacrylonitrile	+++++ 0.1176	0.0970 0.1150	0.1029	0.1278	0.1087	Ave		0.1115				9.9		20.0			
Chloroform	+++++ 0.4843	0.4889 0.4894	0.4962	0.5754	0.5047	Ave		0.5065			0.2000	6.8		20.0			
Cyclohexane	+++++ 0.2776	0.2747 0.2869	0.3207	0.3382	0.3014	Ave		0.2999			0.1000	8.4		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.3929	0.4281 0.3949	0.4380	0.4722	0.4213	Ave		0.4245			0.1000	6.9		20.0			
Carbon tetrachloride	+++++ 0.3583	0.3372 0.3792	0.3791	0.4090	0.3820	Ave		0.3741			0.1000	6.5		20.0			
1,1-Dichloropropene	+++++ 0.3528	0.3286 0.3610	0.3410	0.3877	0.3479	Ave		0.3532				5.7		20.0			
Isobutyl alcohol	+++++ 2.8059	3.3570 2.5912	3.2713	2.9240	2.3246	Ave		2.8790				13.7		20.0			
Isooctane	+++++ 0.2167	0.2074 0.2150	0.2797	0.2901	0.2275	Ave		0.2394				15.0		20.0			
Benzene	+++++ 1.3880	1.2898 1.3088	1.3212	1.4937	1.2194	Ave		1.3368			0.5000	7.0		20.0			
Isopropyl acetate	+++++ 0.5999	0.5028 0.5549	0.5148	0.6023	0.5212	Ave		0.5493				8.0		20.0			
Tert-amyl methyl ether	+++++ 0.7304	0.6796 0.6776	0.7392	0.8199	0.7219	Ave		0.7281				7.1		20.0			
1,2-Dichloroethane	+++++ 0.3331	0.3942 0.3442	0.3451	0.3849	0.3431	Ave		0.3574			0.1000	7.1		20.0			
n-Heptane	+++++ 0.0669	0.0664 0.0716	0.0626	0.0768	0.0642	Ave		0.0681				7.7		20.0			
n-Butanol	+++++ 1.8838	2.3975 1.8388	1.5495	1.5211	1.4271	QuaF		1.8389	0.0000002						0.9990		0.9900
Trichloroethene	+++++ 0.2810	0.3117 0.2977	0.2879	0.3241	0.2915	Ave		0.2990			0.2000	5.4		20.0			
Methylcyclohexane	+++++ 0.2367	0.2258 0.2375	0.2486	0.2819	0.2602	Ave		0.2485			0.1000	8.1		20.0			
Ethyl acrylate	+++++ 0.0390	0.0467 0.0417	0.0363	0.0420	0.0384	Ave		0.0407				9.0		20.0			
1,2-Dichloropropane	+++++ 0.2526	0.2300 0.2477	0.2455	0.2584	0.2325	Ave		0.2444			0.1000	4.6		20.0			
Methyl methacrylate	+++++ 0.0828	0.0834 0.0887	0.0718	0.0796	0.0801	Ave		0.0811				6.9		20.0			
1,4-Dioxane	+++++ 1.1997	2.0979 1.3492	1.5465	1.2008	1.2421	Lin2	26.150	1.2337							0.9960		0.9900
Dibromomethane	+++++ 0.1894	0.2052 0.1951	0.2003	0.2125	0.1926	Ave		0.1992				4.3		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	+++++ 0.3156	0.3273 0.2975	0.2792	0.2935	0.2565	Ave		0.2949				8.6		20.0			
Dichlorobromomethane	+++++ 0.3634	0.3615 0.3816	0.3560	0.3858	0.3598	Ave		0.3680			0.2000	3.4		20.0			
2-Nitropropane	+++++ 15.745	19.017 16.347	14.704	13.420	13.794	Ave		15.504				13.2		20.0			
2-Chloroethyl vinyl ether	+++++ 0.1320	0.1017 0.1326	0.0936	0.1144	0.1123	Ave		0.1144				13.8		20.0			
Epichlorohydrin	0.3013 0.2601	0.2187 0.3047	0.3144	0.2693	0.2973	Ave		0.2808				12.0		20.0			
cis-1,3-Dichloropropene	+++++ 0.5438	0.4638 0.5487	0.5071	0.5282	0.4879	Ave		0.5133			0.2000	6.5		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 2.1985	1.8270 2.5471	2.5419	2.3861	2.4818	Ave		2.3304			0.0500	12.0		20.0			
Toluene	+++++ 1.4133	1.4549 1.4625	1.4043	1.4732	1.3600	Ave		1.4280			0.4000	3.0		20.0			
trans-1,3-Dichloropropene	+++++ 0.4878	0.3931 0.5004	0.4142	0.5091	0.4418	Ave		0.4577			0.1000	10.6		20.0			
Ethyl methacrylate	+++++ 0.3102	0.1758 0.3390	0.2286	0.2969	0.2913	Lin2	-0.136	0.3026							0.9910		0.9900
1,1,2-Trichloroethane	+++++ 0.2434	0.2346 0.2583	0.2727	0.2919	0.2473	Ave		0.2581			0.1000	8.2		20.0			
Tetrachloroethene	+++++ 0.3130	0.2992 0.3281	0.3361	0.3757	0.3262	Ave		0.3297			0.2000	7.9		20.0			
1,3-Dichloropropane	+++++ 0.4614	0.4239 0.4970	0.4882	0.5362	0.4548	Ave		0.4769				8.2		20.0			
2-Hexanone	+++++ 0.8810	0.6047 1.1013	0.9946	1.0395	1.0806	Lin2	-2.138	1.0413			0.0500				0.9930		0.9900
n-Butyl acetate	+++++ 0.3512	0.2911 0.3719	0.3241	0.3950	0.3210	Ave		0.3424				11.0		20.0			
Chlorodibromomethane	+++++ 0.3662	0.3489 0.3927	0.3539	0.4035	0.3675	Ave		0.3721			0.1000	5.8		20.0			
Ethylene Dibromide	+++++ 0.3368	0.3145 0.3577	0.3360	0.3812	0.3452	Ave		0.3452			0.1000	6.5		20.0			
Chlorobenzene	+++++ 0.9602	0.9152 1.0244	0.9798	1.0844	0.9862	Ave		0.9917			0.5000	5.8		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	+++++ 0.4826	0.4229 0.5152	0.4319	0.5357	0.4966	Ave		0.4808			0.1000	9.4		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3821	0.3765 0.4014	0.3718	0.4154	0.3986	Ave		0.3910				4.3		20.0			
m-Xylene & p-Xylene	+++++ 0.5904	0.4463 0.6202	0.5164	0.6460	0.5947	Ave		0.5690			0.1000	13.0		20.0			
n-Butyl acrylate	+++++ 0.2663	0.1708 0.2599	0.1860	0.2317	0.2158	Ave		0.2218				17.4		20.0			
o-Xylene	+++++ 0.6547	0.4785 0.6447	0.5112	0.6584	0.6258	Ave		0.5956			0.3000	13.3		20.0			
Styrene	+++++ 1.0893	0.6143 1.0935	0.7520	1.0315	0.9993	Lin2	-0.446	1.0249			0.3000				0.9900		0.9900
Amyl acetate (mixed isomers)	+++++ 0.8878	0.5574 0.8197	0.6422	0.7887	0.6567	Ave		0.7254				17.3		20.0			
Bromoform	+++++ 0.4384	0.3782 0.4536	0.3906	0.4614	0.4095	Ave		0.4220			0.1000	8.1		20.0			
Isopropylbenzene	+++++ 1.4839	1.0893 1.4481	1.1797	1.4757	1.3858	Ave		1.3438			0.1000	12.5		20.0			
Bromobenzene	+++++ 0.7481	0.7484 0.7702	0.7489	0.7963	0.7176	Ave		0.7549				3.5		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.8320	0.7345 0.8085	0.7990	0.7860	0.7151	Ave		0.7792			0.3000	5.8		20.0			
N-Propylbenzene	+++++ 2.6798	2.0013 2.6518	2.2188	2.5171	2.3640	Ave		2.4055				11.0		20.0			
1,2,3-Trichloropropane	+++++ 0.2556	0.2354 0.2532	0.2666	0.2578	0.2329	Ave		0.2503				5.3		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1839	0.1136 0.1838	0.1299	0.1463	0.1438	Ave		0.1502				19.0		20.0			
2-Chlorotoluene	+++++ 2.0960	1.7198 2.1024	1.7788	2.0627	1.8681	Ave		1.9380				8.8		20.0			
4-Ethyltoluene	+++++ 2.4643	1.7951 2.4674	1.9351	2.3637	2.1931	Ave		2.2031				12.9		20.0			
1,3,5-Trimethylbenzene	+++++ 2.0720	1.3783 2.1132	1.6070	1.9964	1.9081	Ave		1.8458				15.8		20.0			
4-Chlorotoluene	+++++ 1.9107	1.4815 1.9412	1.6897	2.0178	1.8187	Ave		1.8099				10.9		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 0.8271	0.2478 0.8857	0.3364	0.4569	0.6228	QuaF		0.7557	0.0002621						0.9990		0.9900
tert-Butylbenzene	+++++ 1.5586	1.1622 1.6272	1.1734	1.4490	1.4660	Ave		1.4061				13.9		20.0			
1,2,4-Trimethylbenzene	+++++ 2.2029	1.4890 2.2459	1.6770	2.1468	2.0914	Ave		1.9755				15.9		20.0			
sec-Butylbenzene	+++++ 2.0923	1.4400 2.1488	1.6703	2.0930	1.9983	Ave		1.9071				15.0		20.0			
1,3-Dichlorobenzene	+++++ 1.2934	1.2389 1.3297	1.2795	1.4348	1.3038	Ave		1.3133			0.6000	5.1		20.0			
4-Isopropyltoluene	+++++ 1.8648	1.2657 1.9252	1.3769	1.8049	1.7691	Ave		1.6678				16.5		20.0			
1,4-Dichlorobenzene	+++++ 1.3416	1.3752 1.3931	1.3458	1.5120	1.3560	Ave		1.3873			0.5000	4.6		20.0			
1,2,3-Trimethylbenzene	+++++ 2.6033	1.9110 2.6573	2.0293	2.4492	2.3906	Ave		2.3401				13.0		20.0			
Benzyl chloride	+++++ 0.3932	0.2767 0.4116	0.2774	0.3481	0.3568	Ave		0.3440				16.5		20.0			
Indan	+++++ 2.7208	1.8433 2.7644	2.1527	2.6618	2.5539	Ave		2.4495				15.1		20.0			
p-Diethylbenzene	+++++ 0.9555	0.8039 0.9798	0.7669	0.9557	0.9060	Ave		0.8946				9.9		20.0			
n-Butylbenzene	+++++ 0.8052	0.6511 0.8064	0.6974	0.8380	0.8032	Ave		0.7669				9.7		20.0			
1,2-Dichlorobenzene	+++++ 1.3750	1.1911 1.4228	1.3690	1.5445	1.3896	Ave		1.3820			0.4000	8.2		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 1.8823	1.2184 1.9691	1.3045	1.6982	1.6751	Ave		1.6246				18.7		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.2070	0.2138 0.2192	0.1935	0.2114	0.2012	Ave		0.2077			0.0500	4.4		20.0			
1,3,5-Trichlorobenzene	+++++ 0.6835	0.6327 0.6828	0.6508	0.7355	0.6633	Ave		0.6748				5.3		20.0			
1,2,4-Trichlorobenzene	+++++ 0.6383	0.5708 0.6492	0.5870	0.6984	0.6398	Ave		0.6306			0.2000	7.3		20.0			
Hexachlorobutadiene	+++++ 0.1610	0.1832 0.1656	0.1475	0.1812	0.1680	Ave		0.1677				7.9		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 2.3858	1.7443 2.4449	1.8219	2.2812	2.2871	Ave		2.1609				13.9		20.0			
1,2,3-Trichlorobenzene	+++++ 0.5381	0.4578 0.5435	0.4977	0.5620	0.5517	Ave		0.5251				7.5		20.0			
Dibromofluoromethane (Surr)	0.2946 0.2817	0.3072 0.2955	0.2983	0.3204	0.2871	Ave		0.2978				4.3		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2640 0.2642	0.2785 0.2952	0.2659	0.2918	0.2620	Ave		0.2745				5.1		20.0			
Toluene-d8 (Surr)	1.1738 1.2500	1.2534 1.3081	1.2214	1.3253	1.1686	Ave		1.2430				4.9		20.0			
4-Bromofluorobenzene	0.3510 0.3689	0.3579 0.3784	0.3521	0.3860	0.3429	Ave		0.3625				4.4		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-836508/3	N47427.D
Level 2	STD1 460-836508/4	N47428.D
Level 3	STD5 460-836508/5	N47429.D
Level 4	STD20 460-836508/6	N47430.D
Level 5	STD50 460-836508/7	N47431.D
Level 6	STD200 460-836508/8	N47432.D
Level 7	STD500 460-836508/9	N47433.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 332743	1275 925311	7405	28660	75927	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 1057208	3924 3003168	19715	86080	223608	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	+++++ 797856	3232 2178484	16319	65052	179364	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	BUT	Ave	+++++ 231344	1134 635061	4184	17335	45426	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 827373	4057 2208211	17196	71607	178818	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Lin2	155 530532	2039 1510208	10010	46411	111054	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 657610	2853 1668111	13339	59128	143110	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 430652	2380 1137915	7959	38853	94557	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1299490	5607 3386835	27205	120141	296892	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 1130836	4576 2979251	24715	101674	268535	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBAd 9	Ave	+++++ 136818	610 384222	3166	14220	34098	+++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd 9	Lin2	+++++ 109430	737 277643	2062	8467	23273	+++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	+++++	2007	8794	36230	84365	+++++	1.00	5.00	20.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			372437	961577				200	500			
2-Methyl-1,3-butadiene	FB	Ave	+++++ 395966	1757 1030797	8668	38560	95358	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 718771	2550 1898778	16342	67238	173050	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 949747	4325 2546227	20815	75517	213419	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd9	Ave	+++++ 69713	1164 146243	4906	13522	31024	+++++ 203	4.06 406	20.3	40.6	101
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 420296	2342 1222018	11759	51288	125868	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	+++++ 696843	3217 1904488	14875	70371	165315	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 332049	1552 816428	6870	27808	65510	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	+++++ 1478816	6396 3837079	34533	144469	360792	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Ave	+++++ 328225	1676 817524	7858	27766	68325	+++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	+++++ 2234351	10405 5970444	50168	214696	522427	+++++ 200	1.00 500	5.00	20.0	50.0
3-Chloro-1-propene	FB	Ave	+++++ 604729	1533 +++++	11367	53056	113521	+++++ 200	1.00 +++++	5.00	20.0	50.0
Methyl acetate	TBAd9	Ave	+++++ 253943	1198 621608	5186	23892	54833	+++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	+++++ 1516540	5630 3588152	28491	131257	320547	+++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBAd9	Ave	+++++ 931498	2936 1848007	15680	66761	150666	+++++ 2000	10.0 5000	50.0	200	500

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Methylene Chloride	FB	Ave	+++++ 881224	3722 2064667	17342	81415	184437	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 674940	3411 1599168	13077	64354	137487	+++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	+++++ 1828406	7562 4255911	37957	179117	387811	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 847670	4139 2037299	17706	82593	183265	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	TBAd9	Ave	1811 2637450	10008 5859490	48539	244890	502124	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	+++++ 219048	893 510767	4587	23021	46879	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	+++++ 1890297	7554 3978457	32339	167227	333702	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 1282347	4965 2953485	25007	122103	253052	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	BUT	Ave	+++++ 350239	1425 846168	6198	31448	68737	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	+++++ 736789	2969 1777016	12855	65160	149688	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	+++++ 1780109	7334 3852278	32674	169722	346709	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 306308	1645 704829	6573	29319	68658	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 930062	4000 2236038	19628	93544	197401	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	+++++ 488955	2507 1148966	9631	44627	93087	+++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	+++++ 168510	925 398398	3272	14915	32879	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 597197	2082 1385327	9868	53165	109834	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd9	Ave	+++++	3865	19315	93678	189751	+++++	10.0	50.0	200	500

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1040021	2367881				2000	5000			
Tetrahydrofuran	BUT	Ave	+++++ 205092	977 491980	4409	19269	41527	+++++ 400	2.00 1000	10.0	40.0	100
Chlorobromomethane	FB	Ave	+++++ 523996	2455 1256706	11802	51928	117192	+++++ 200	1.00 500	5.00	20.0	50.0
Methacrylonitrile	FB	Ave	+++++ 3327249	11022 7616070	61571	297059	628809	+++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	+++++ 1370629	5555 3241545	29703	133686	291811	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 785673	3121 1900197	19199	78586	174252	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 1112003	4864 2615557	26217	109712	243575	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 1014127	3831 2511973	22695	95030	220860	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 998324	3734 2391084	20410	90092	201135	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd9	Ave	+++++ 723365	3460 1660439	16091	63134	125042	+++++ 5000	25.0 12500	125	500	1250
Isooctane	FB	Ave	+++++ 613313	2356 1424026	16742	67413	131529	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZd5	Ave	+++++ 3034017	12055 7290273	63314	282938	608289	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 1697689	5713 3675812	30817	139945	301378	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	+++++ 2067098	7722 4488533	44247	190498	417398	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 942678	4479 2280011	20656	89440	198405	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 189360	754 474334	3749	17834	37122	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd9	QuaF	+++++ 485656	2471 1178306	7622	32844	76763	+++++ 5000	25.0 12500	125	500	1250

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Trichloroethene	FB	Ave	+++++ 795339	3541 1972277	17236	75302	168560	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 669882	2566 1573099	14880	65508	150469	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 110416	531 276059	2171	9754	22189	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 714764	2613 1641085	14693	60034	134456	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 468765	1896 1175124	8597	36997	92680	+++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Lin2	+++++ 184430	2065 469043	4930	16176	40014	+++++ 4000	30.0 10000	100	400	1000
Dibromomethane	FB	Ave	+++++ 535897	2332 1292652	11990	49371	111388	+++++ 200	1.00 500	5.00	20.0	50.0
n-Propyl acetate	FB	Ave	+++++ 893040	3719 1970513	16714	68191	148314	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	+++++ 1028456	4107 2527509	21308	89633	208055	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	TBAd9	Ave	+++++ 324736	1568 837984	5786	23181	59360	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	+++++ 374473	1158 880464	5615	26643	65071	+++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	Ave	1196 1317782	4469 3365413	27932	111888	263919	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 1188724	4335 3056479	24301	100052	243409	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 2784470	9333 7032742	56454	247838	550741	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	+++++ 3089316	13598 8146007	67297	279063	678456	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 1066323	3674 2787331	19849	96438	220376	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Ethyl methacrylate	FB	Lin2	+++++ 877751	1997 2245276	13682	68992	168451	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 532106	2193 1438779	13070	55298	123364	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	+++++ 684228	2796 1827463	16106	71165	162703	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 1008606	3962 2768140	23395	101562	226863	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Lin2	+++++ 1115873	3089 3040845	22090	107965	239787	+++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBNZ d5	Ave	+++++ 767733	2721 2071588	15531	74821	160129	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZ d5	Ave	+++++ 800557	3261 2187439	16958	76431	183311	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	+++++ 736245	2939 1992360	16101	72213	172210	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	+++++ 2098753	8554 5706056	46951	205418	491977	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	+++++ 1054940	3953 2869589	20698	101483	247733	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 835156	3519 2236060	17819	78693	198820	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 1290561	4171 3454768	24748	122362	296653	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	+++++	1596	8914	43899	107647	+++++	1.00	5.00	20.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			582122	1447568				200	500			
o-Xylene	CBNZ d5	Ave	+++++ 1431015	4472 3590822	24498	124725	312207	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Lin2	+++++ 2381001	5741 6090827	36039	195400	498514	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++ 1102206	2915 2491686	17165	83009	194252	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	DCBd 4	Ave	+++++ 544256	1978 1378801	10440	48564	121112	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 3243515	10181 8066149	56535	279539	691326	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	+++++ 928771	3914 2341192	20015	83807	212267	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 1032899	3841 2457757	21354	82721	211518	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	+++++ 3326898	10466 8060744	59303	264913	699239	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 317364	1231 769632	7125	27130	68899	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++ 228286	594 558843	3473	15401	42540	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 2602151	8994 6390645	47544	217095	552563	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	+++++	9388	51719	248777	648669	+++++	1.00	5.00	20.0	50.0

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			3059348	7500187				200	500			
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 2572287	7208 6423375	42952	210116	564372	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	+++++ 2372044	7748 5900818	45161	212372	537930	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	QuaF	+++++ 1026858	1296 2692325	8990	48085	184227	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 1934957	6078 4946295	31362	152501	433603	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 2734830	7787 6826850	44821	225944	618606	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 2597546	7531 6531780	44644	220280	591067	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 1605665	6479 4042032	34198	151007	385638	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 2315107	6619 5852006	36802	189959	523280	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 1665503	7192 4234579	35970	159135	401095	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++ 3231871	9994 8077458	54238	257776	707094	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	+++++ 488148	1447 1251167	7414	36641	105548	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	+++++	9640	57536	280147	755389	+++++	1.00	5.00	20.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			3377735	8402922				200	500			
p-Diethylbenzene	DCBd 4	Ave	+++++ 1186196	4204 2978375	20497	100583	267985	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	+++++ 999661	3405 2451222	18640	88200	237558	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 1706998	6229 4324940	36589	162555	411030	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	+++++ 2336793	6372 5985370	34866	178732	495462	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 257040	1118 666207	5172	22251	59502	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++ 848491	3309 2075384	17394	77412	196201	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 792488	2985 1973314	15688	73500	189252	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 199838	958 503300	3943	19071	49699	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	+++++ 2961826	9122 7431832	48695	240089	676496	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 667973	2394 1652000	13302	59145	163175	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	158531 199303	174547 195747	178564	186123	165995	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	142078 186904	158242 195551	159194	169522	151516	50.0 50.0	50.0 50.0	50.0	50.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Toluene-d8 (Surr)	CBNZ d5	Ave	506891 683097	585750 728616	585325	627600	582942	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	151564 201575	167255 210780	168735	182816	171051	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend

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

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-836508/3	N47427.D
Level 2	STD1 460-836508/4	N47428.D
Level 3	STD5 460-836508/5	N47429.D
Level 4	STD20 460-836508/6	N47430.D
Level 5	STD50 460-836508/7	N47431.D
Level 6	STD200 460-836508/8	N47432.D
Level 7	STD500 460-836508/9	N47433.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Butadiene	-1.2						30					
Ethanol	+++++	2.5						30				
1,4-Dioxane	+++++	-0.6						30				
Ethyl methacrylate	+++++	3.1						30				
2-Hexanone	+++++	-0.9						30				
Styrene	+++++	3.4						30				

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 31-Mar-2022 00:26:30 ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0143422-003
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Mar-2022 17:58:01 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: boykink Date: 31-Mar-2022 01:34:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
9 Butadiene	54	1.596	1.584	0.012	14	155	0.2500	0.2469	a
* 31 TBA-d9 (IS)	66	2.898	2.904	-0.006	70	35859	1000.0	1000.0	
36 Acrylonitrile	53	3.147	3.153	-0.006	64	1811	2.00	2.03	
* 43 2-Butanone-d5	46	3.914	3.914	0.000	99	198483	250.0	250.0	
$ 56 Dibromofluoromethane (Surr)	113	4.370	4.376	-0.006	96	158531	50.0	49.5	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.711	4.711	0.000	80	142078	50.0	48.1	
* 67 Fluorobenzene	96	4.972	4.979	-0.007	99	538186	50.0	50.0	
* 73 1,4-Dioxane-d8	96	5.660	5.654	0.006	73	29096	1000.0	1000.0	
81 Epichlorohydrin	57	6.311	6.311	0.000	66	1196	5.00	5.36	
$ 84 Toluene-d8 (Surr)	98	6.609	6.609	0.000	99	506891	50.0	47.2	
* 95 Chlorobenzene-d5	117	8.361	8.367	-0.006	81	431824	50.0	50.0	
$ 106 4-Bromofluorobenzene	174	9.839	9.839	0.000	95	151564	50.0	48.4	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	93	244256	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00151	Amount Added:	0.00	Units: uL	
GASES Li_00469	Amount Added:	2.50	Units: uL	
ACROLEIN W_00138	Amount Added:	0.00	Units: uL	
524freon_00050	Amount Added:	0.00	Units: uL	
14DIOXINTER_00139	Amount Added:	0.00	Units: uL	
8FreonHi_00042	Amount Added:	0.00	Units: uL	
Ethanol mix_00062	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00121	Amount Added:	0.00	Units: uL	
MIX I Hi_00148	Amount Added:	0.00	Units: uL	
GAS Hi_00411	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00098	Amount Added:	20.00	Units: uL	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00226	Amount Added:	1.00	Units: uL	Run Reagent

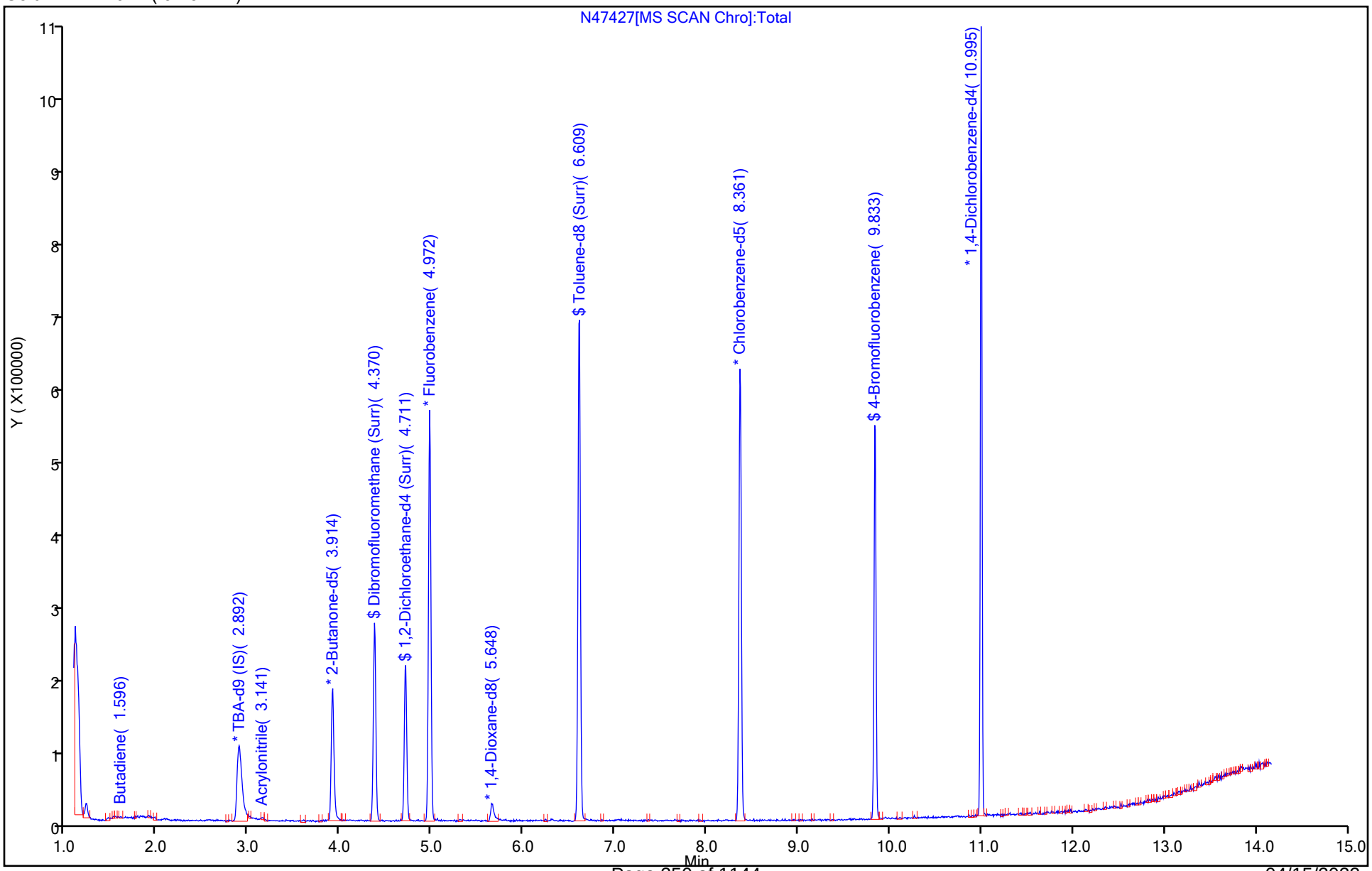
Report Date: 31-Mar-2022 17:58:03 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D

Injection Date:	31-Mar-2022 00:26:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

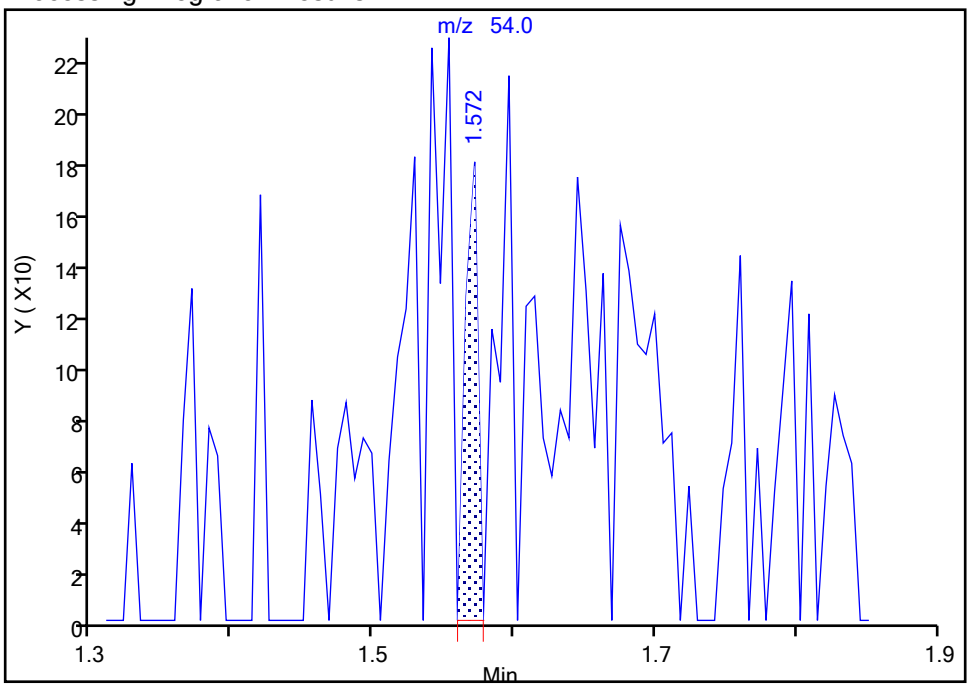
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

9 Butadiene, CAS: 106-99-0

Signal: 1

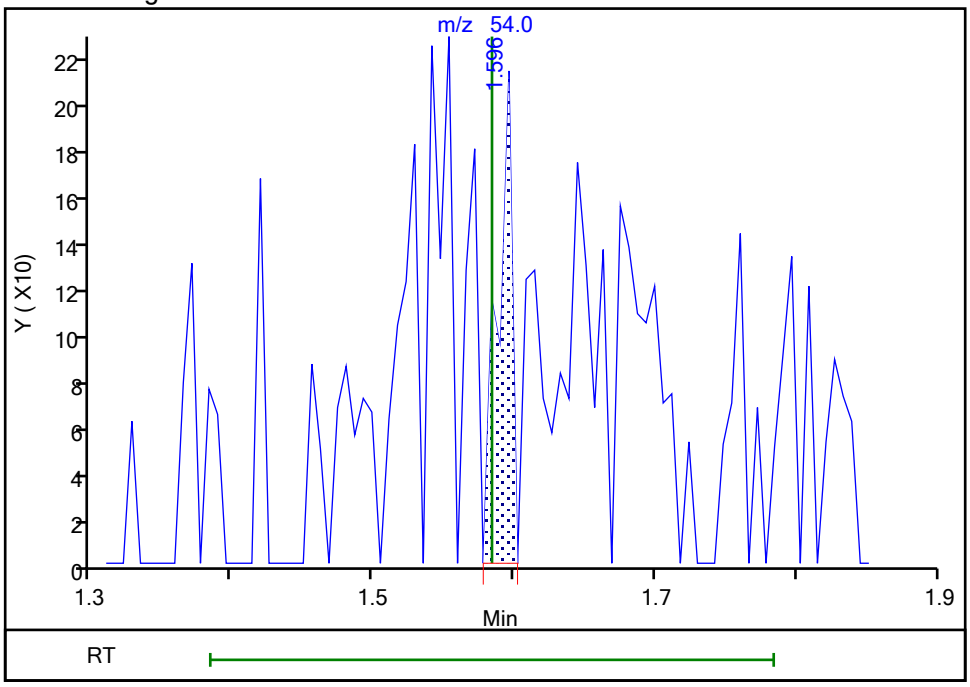
Processing Integration Results

RT: 1.57
Area: 113
Amount: 0.065642
Amount Units: ug/l



Manual Integration Results

RT: 1.60
Area: 155
Amount: 0.246896
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:24:51
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

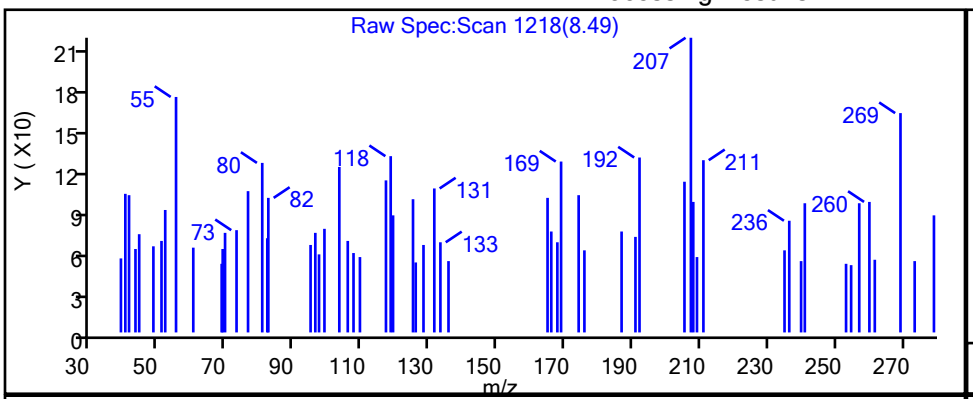
User Disabled Compound Report

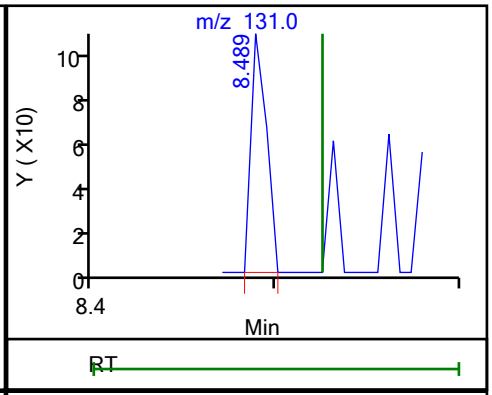
Eurofins Edison

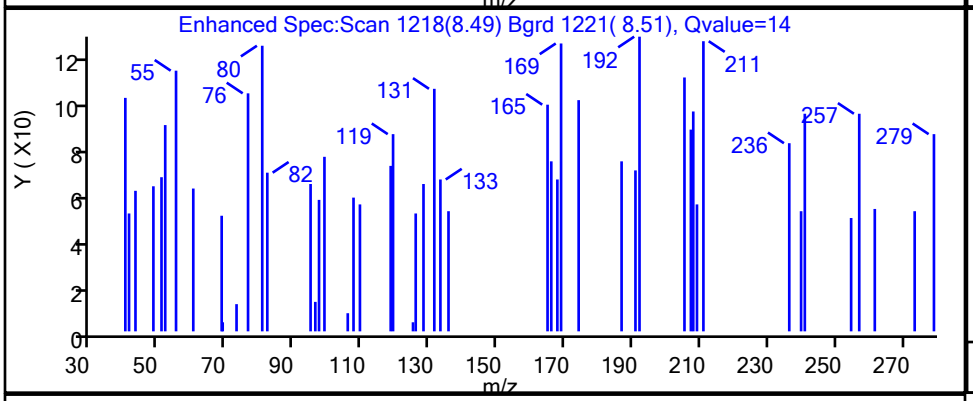
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

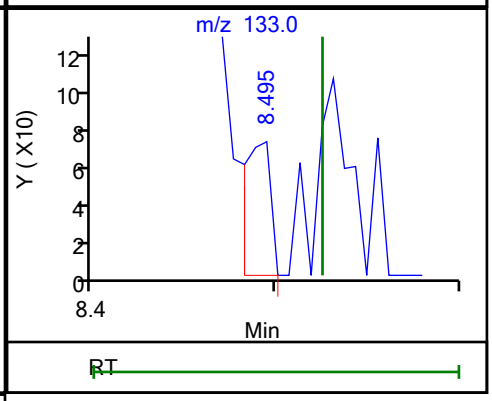
98 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

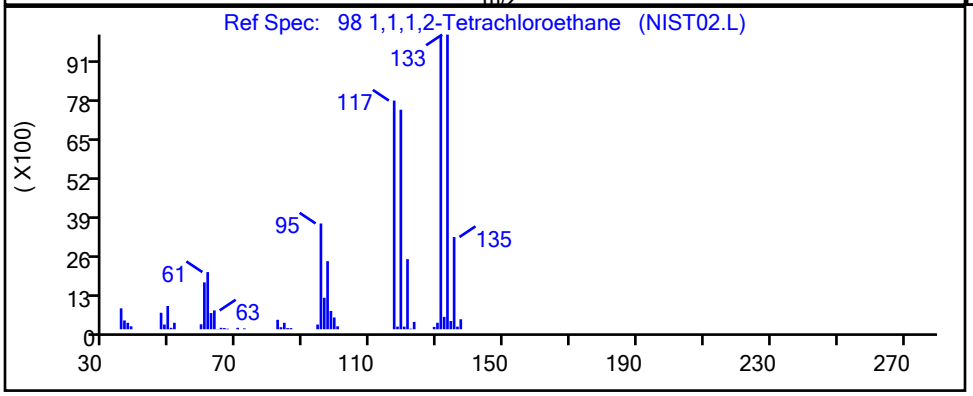
Processing Results











RT	Mass	Response	Amount
8.49	131.00	63	0.018658
8.49	133.00	71	

Reviewer: delpolitov, 31-Mar-2022 17:26:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

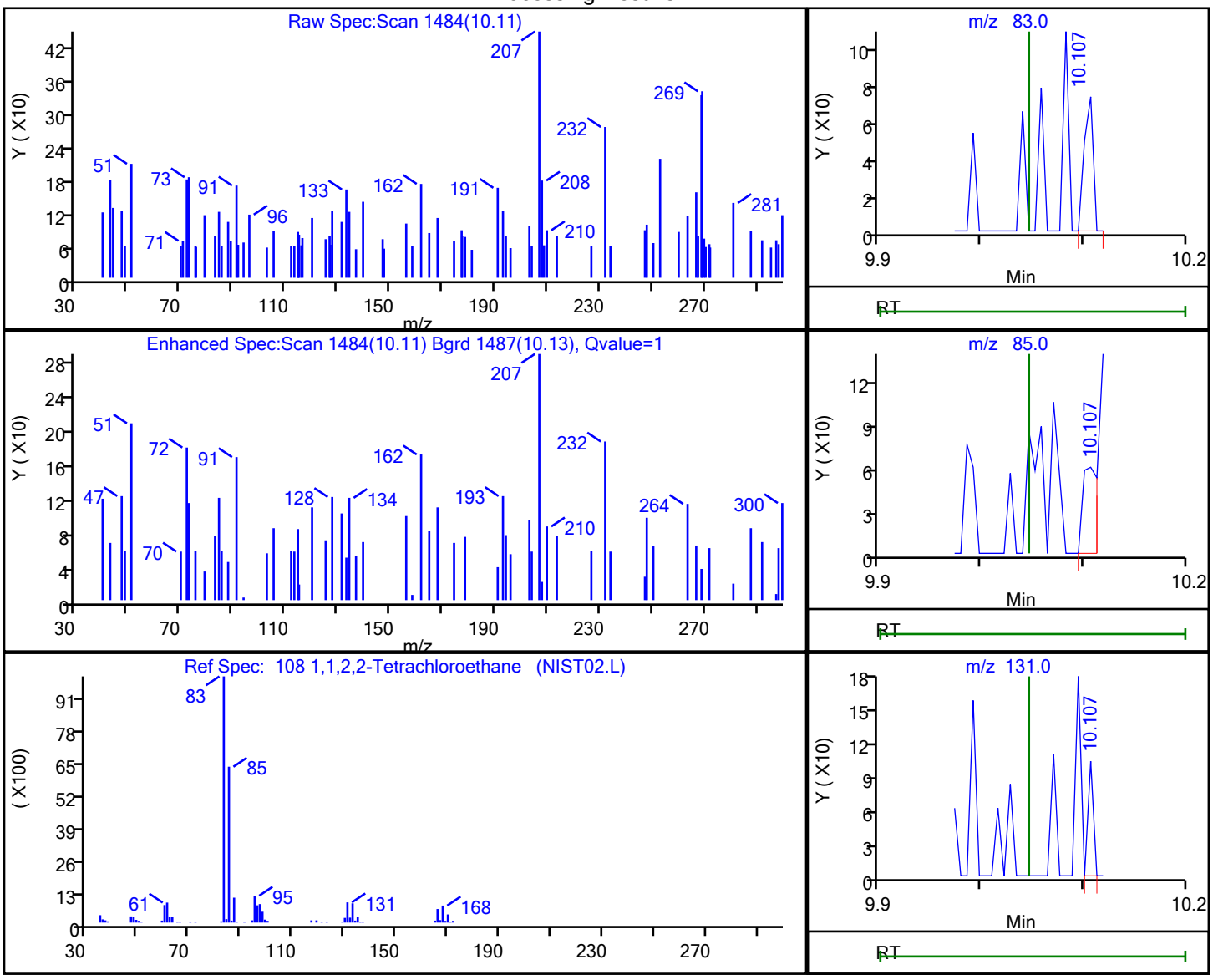
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

108 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
10.11	83.00	45	0.011822
10.11	85.00	59	
10.11	131.00	37	

Reviewer: delpolitov, 31-Mar-2022 17:26:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

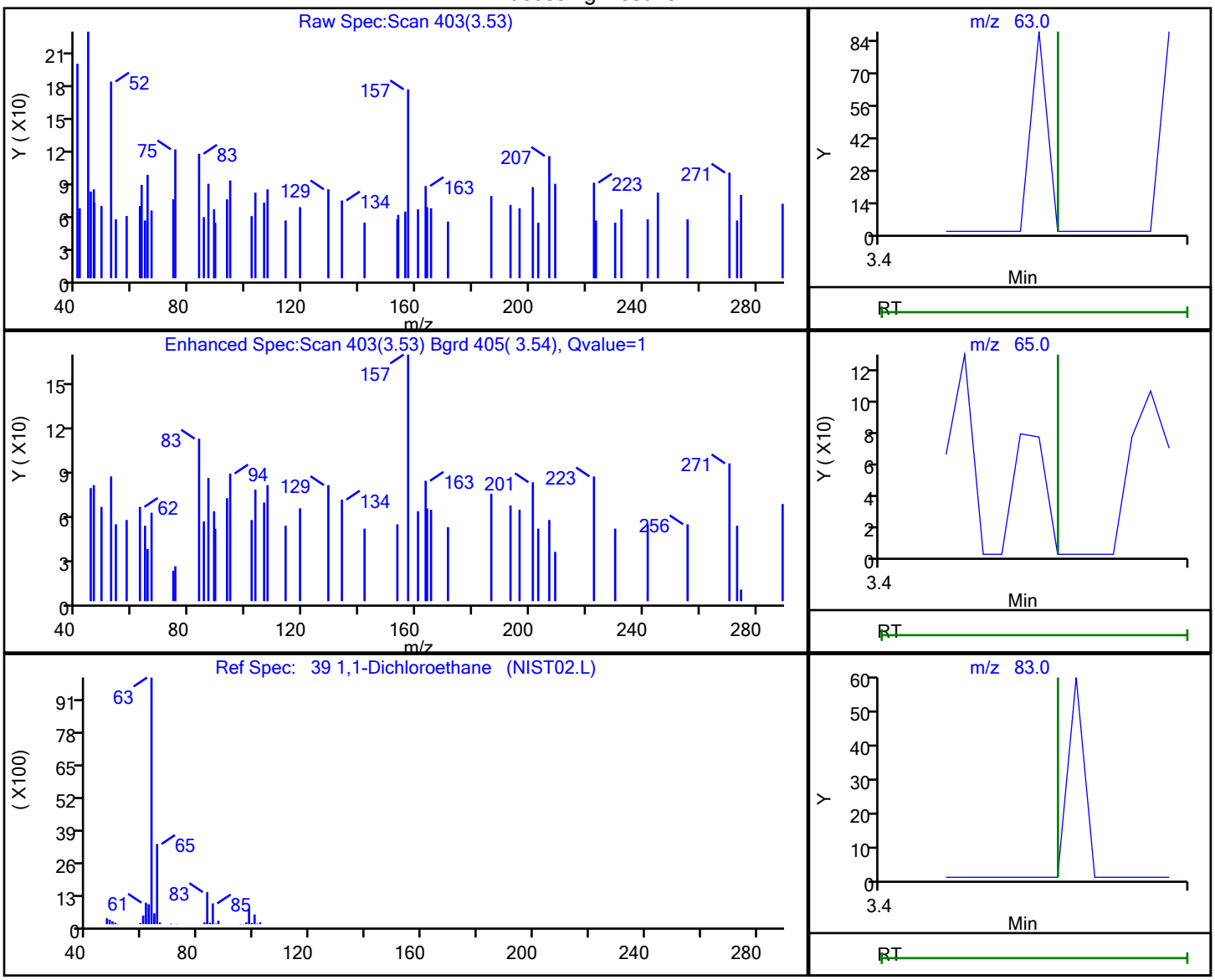
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

39 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
3.53	63.00	31	0.006368
3.52	65.00	115	
3.53	83.00	62	

Reviewer: delpolitov, 31-Mar-2022 17:25:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

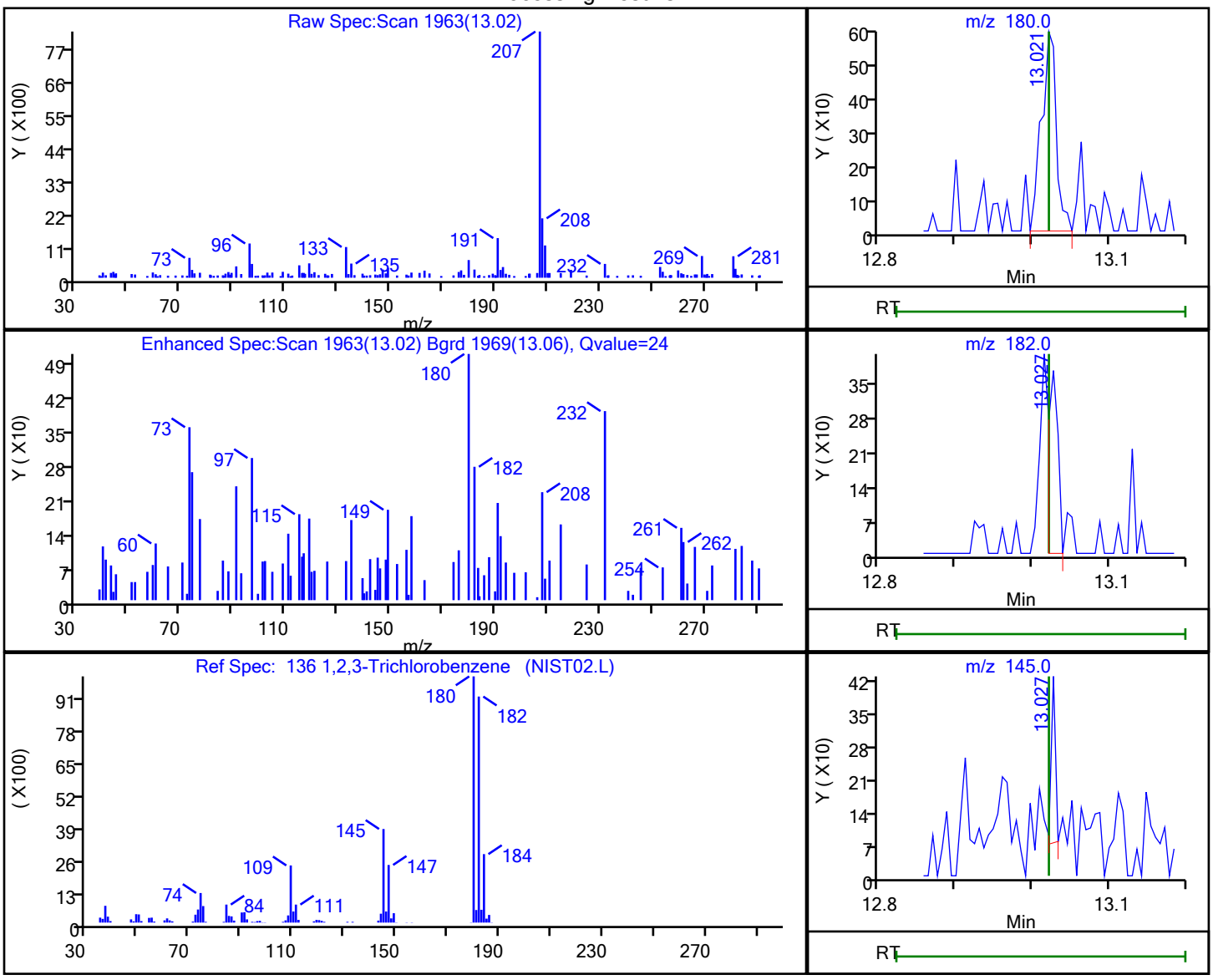
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

136 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
13.02	180.00	796	0.310361
13.03	182.00	325	
13.03	145.00	138	

Reviewer: delpolitov, 31-Mar-2022 17:26:18
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

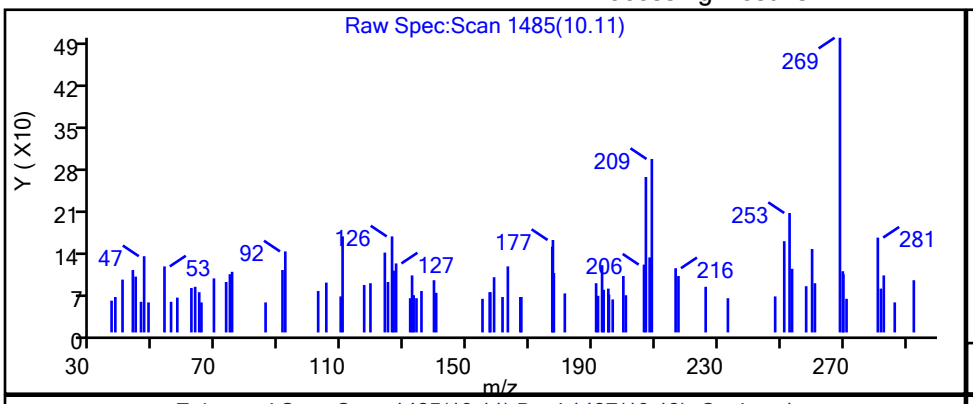
User Disabled Compound Report

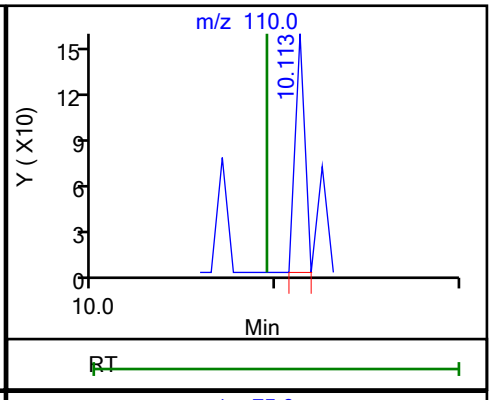
Eurofins Edison

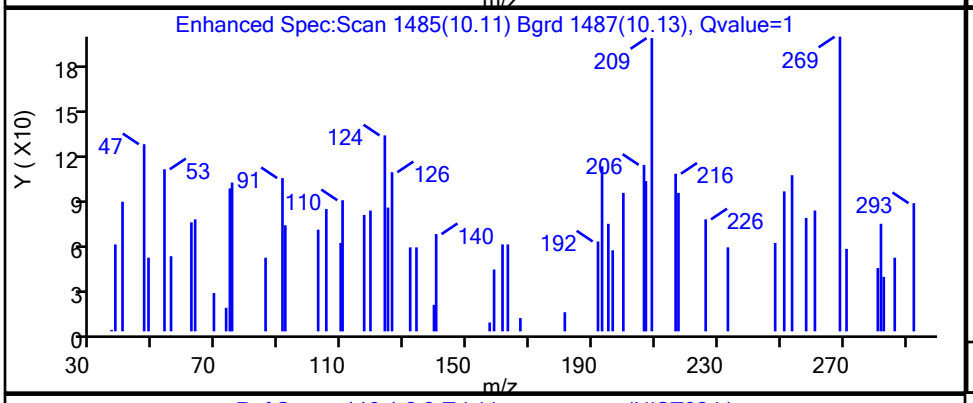
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

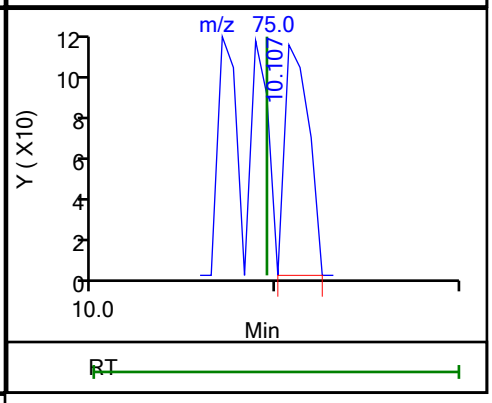
110 1,2,3-Trichloropropane, CAS: 96-18-4

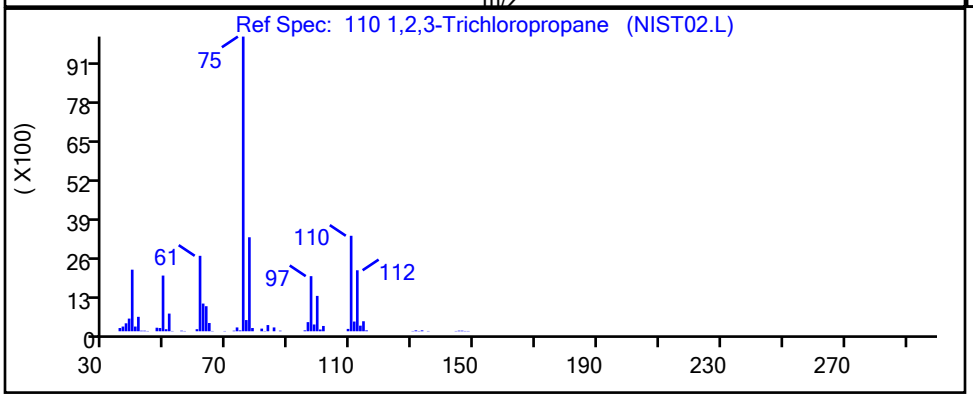
Processing Results











RT	Mass	Response	Amount
10.11	110.00	58	0.047443
10.11	75.00	102	

Reviewer: delpolitov, 31-Mar-2022 17:26:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

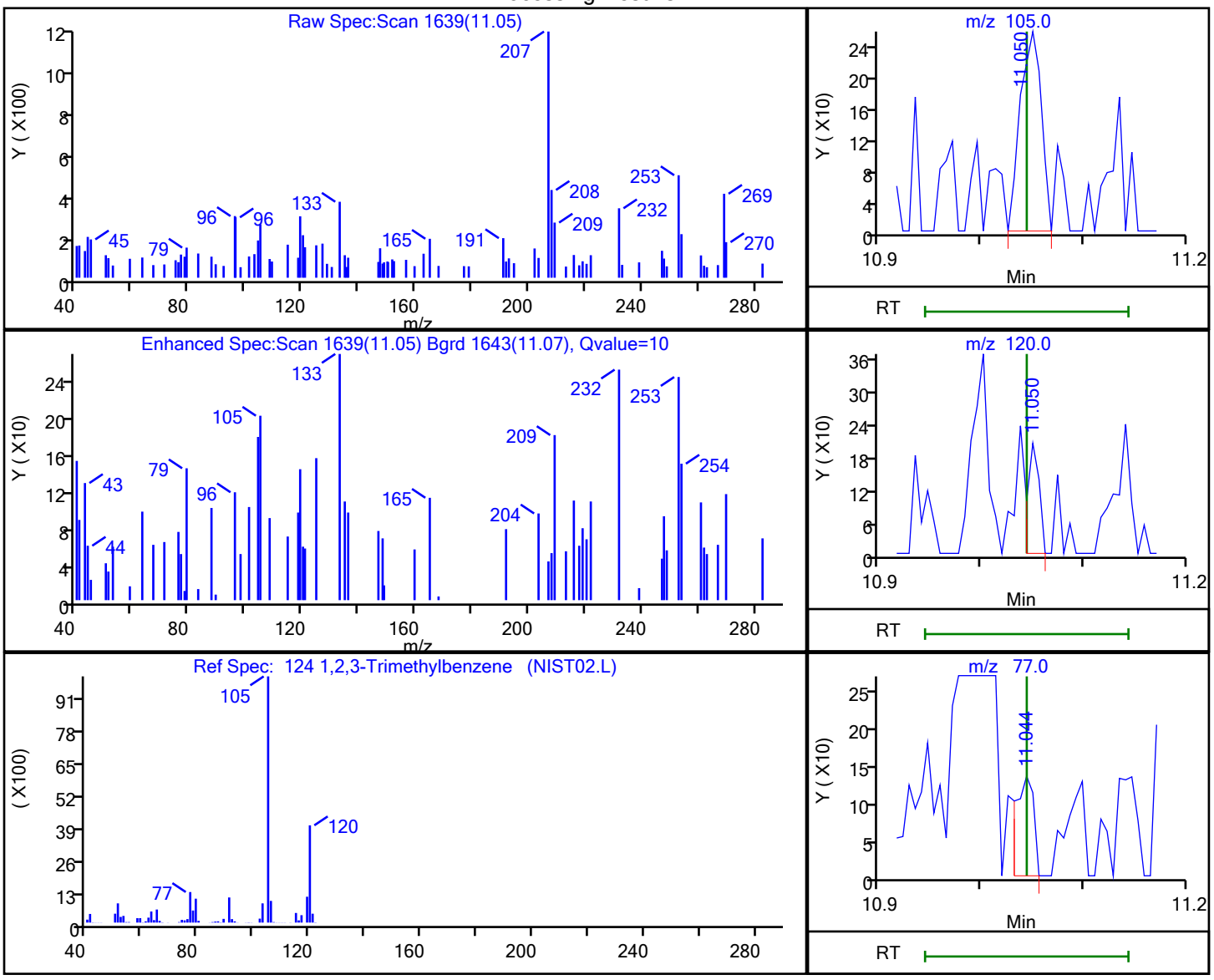
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

124 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
11.05	105.00	365	0.031929
11.05	120.00	158	
11.04	77.00	162	

Reviewer: delpolitov, 31-Mar-2022 17:26:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

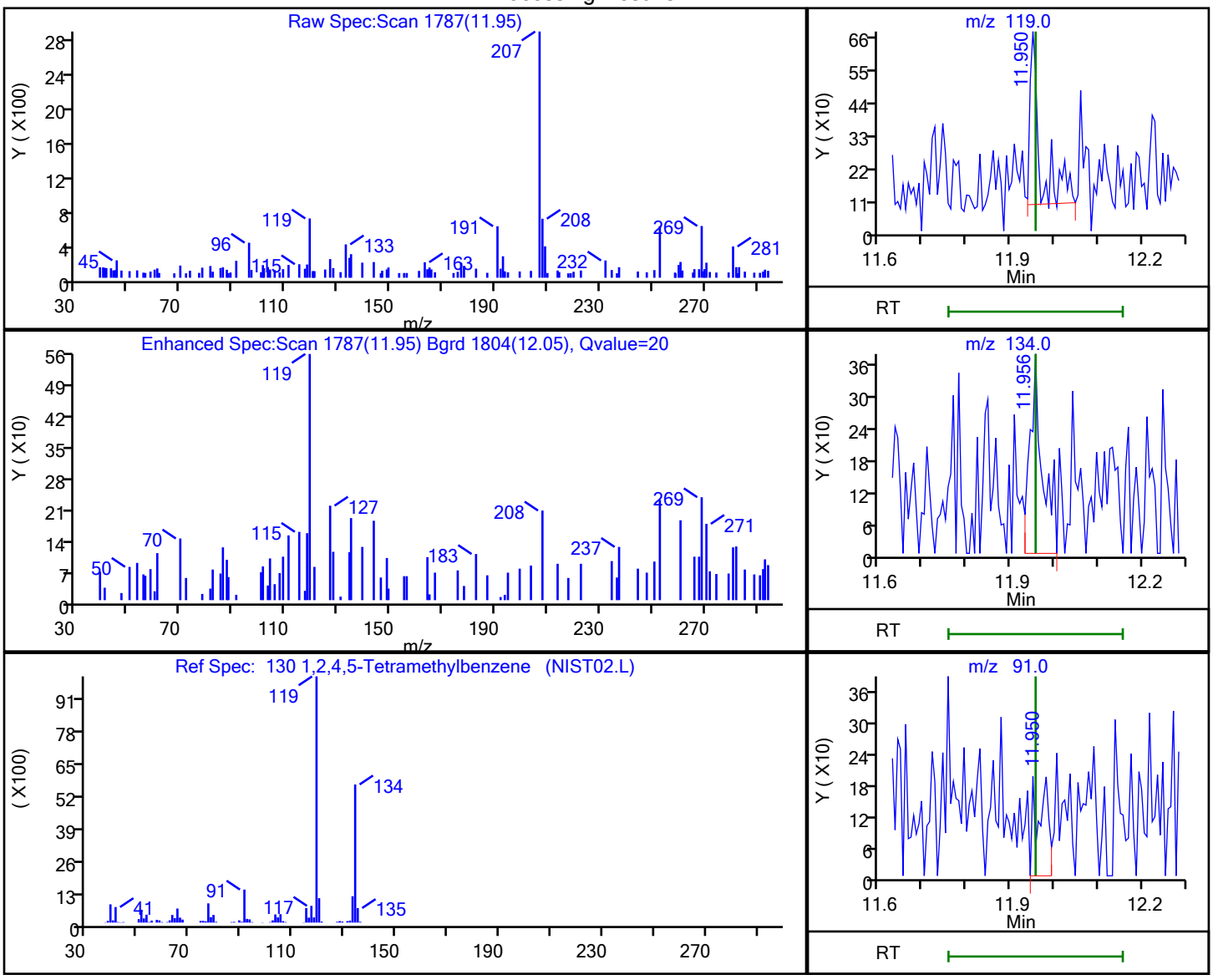
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
11.95	119.00	912	0.115234
11.96	134.00	744	
11.95	91.00	350	

Reviewer: delpolitov, 31-Mar-2022 17:26:18
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

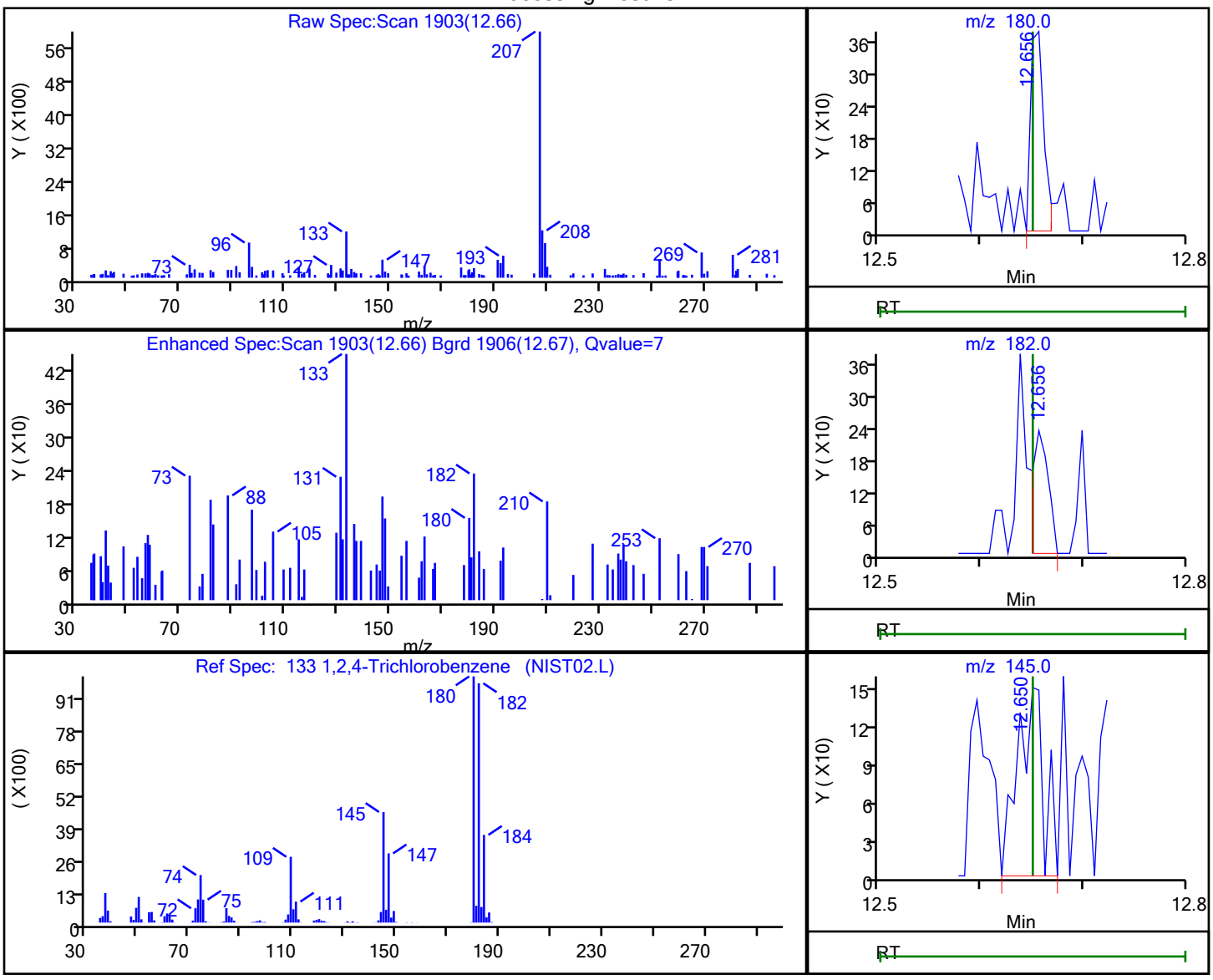
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

133 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
12.66	180.00	346	0.112321
12.66	182.00	245	
12.65	145.00	269	

Reviewer: delpolitov, 31-Mar-2022 17:26:18
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

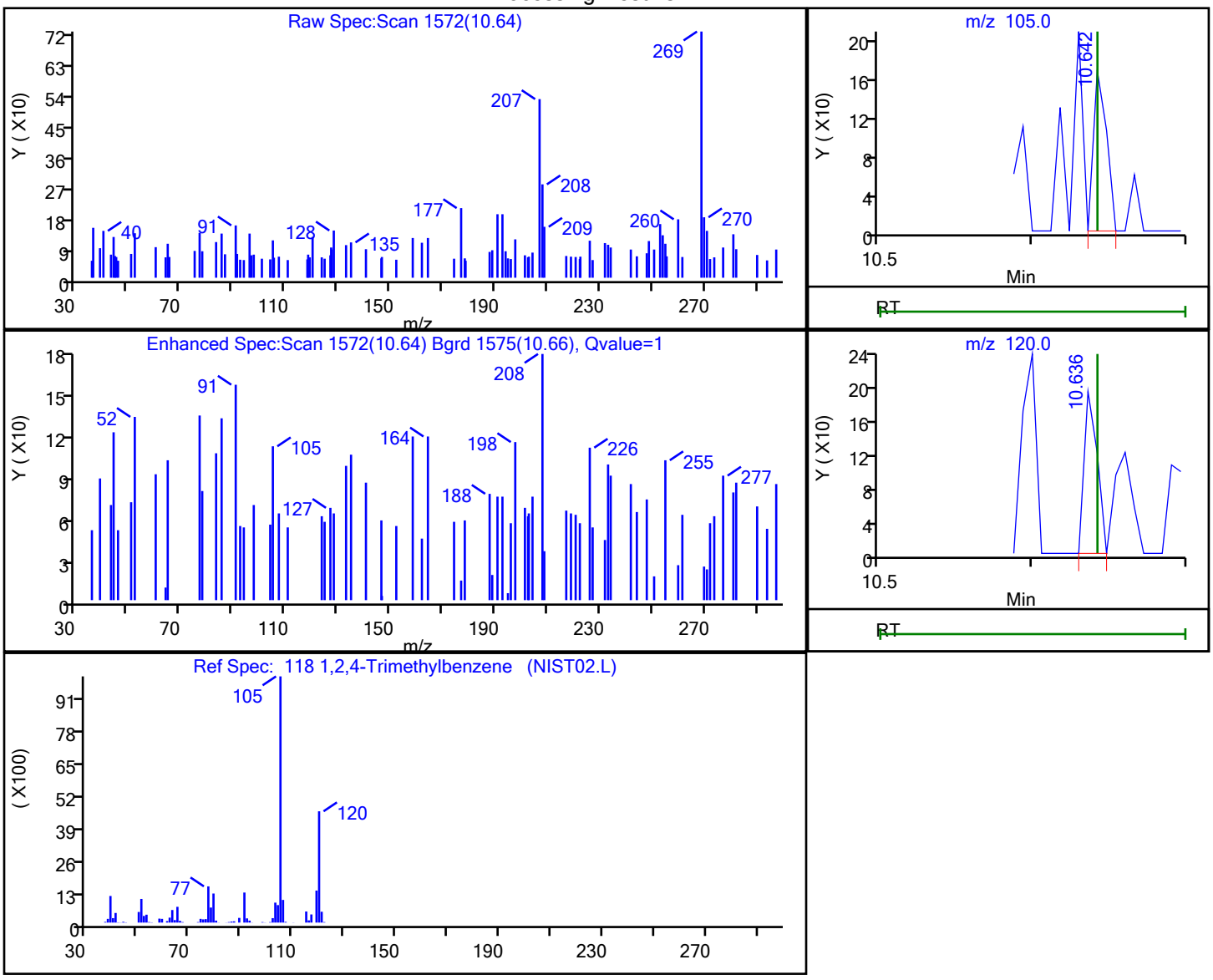
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

118 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
10.64	105.00	100	0.010362
10.64	120.00	115	

Reviewer: delpolitov, 31-Mar-2022 17:26:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

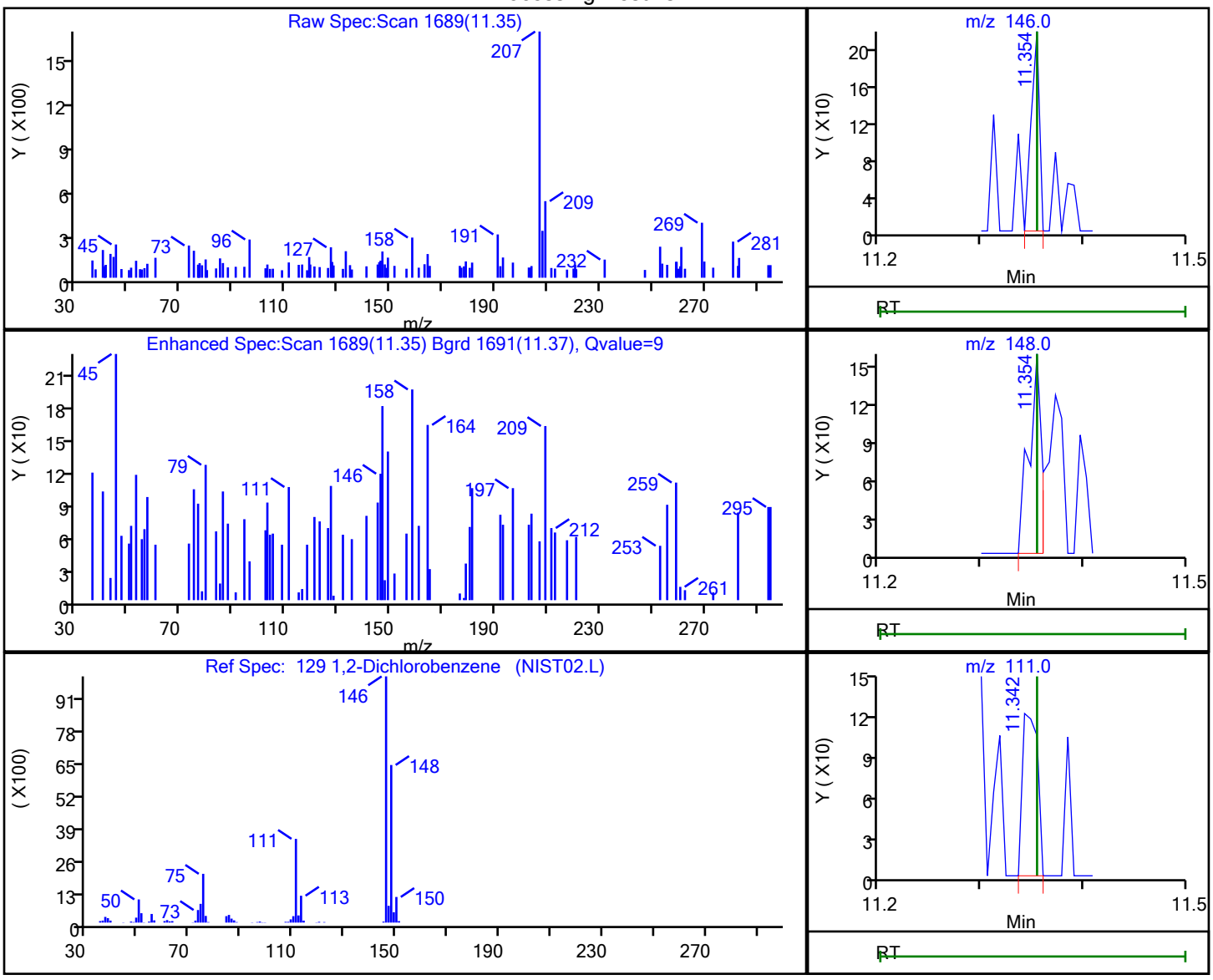
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

129 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
11.35	146.00	122	0.018071
11.35	148.00	134	
11.34	111.00	122	

Reviewer: delpolitov, 31-Mar-2022 17:26:18
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

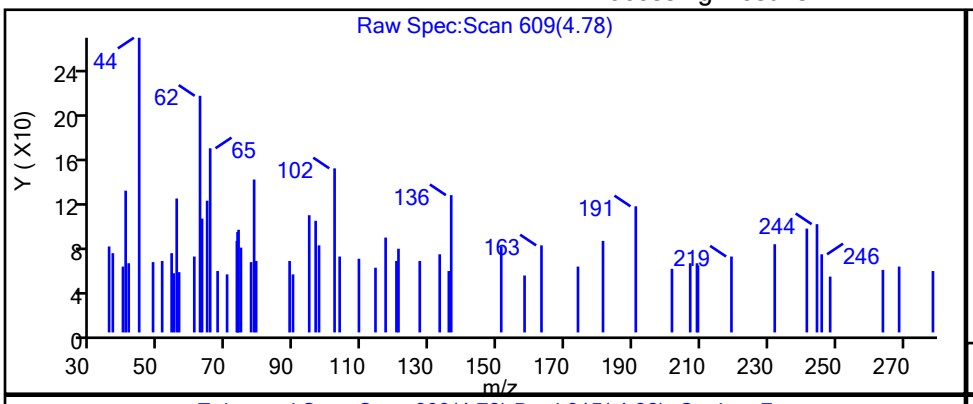
User Disabled Compound Report

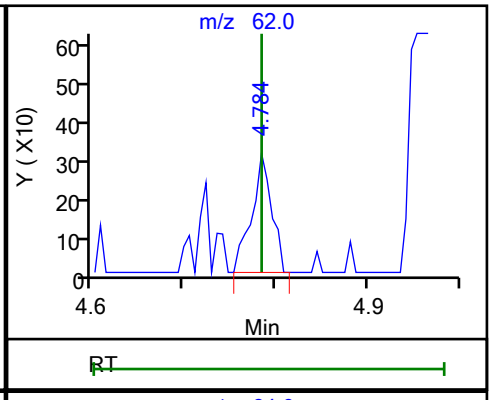
Eurofins Edison

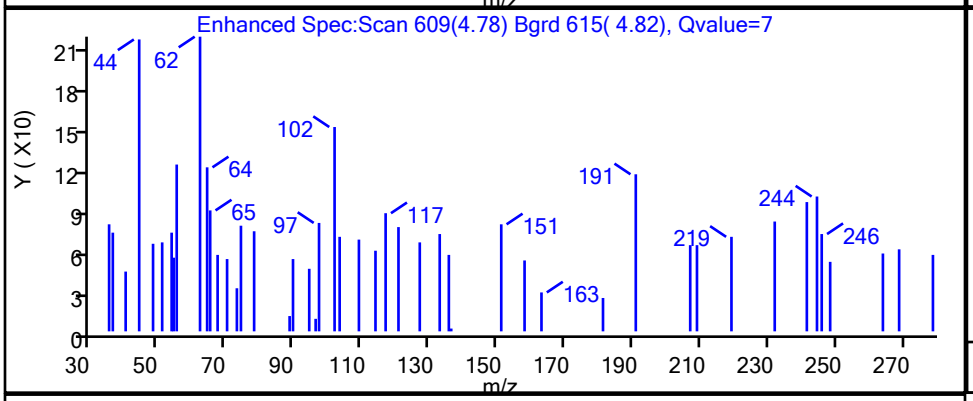
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

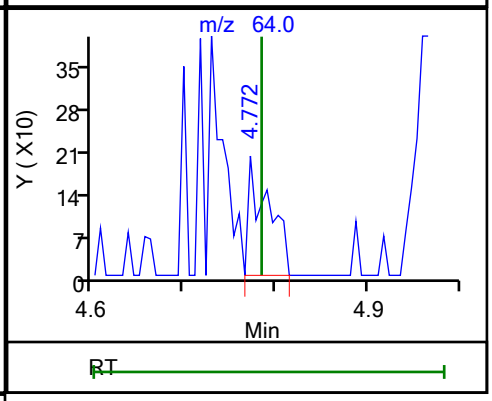
65 1,2-Dichloroethane, CAS: 107-06-2

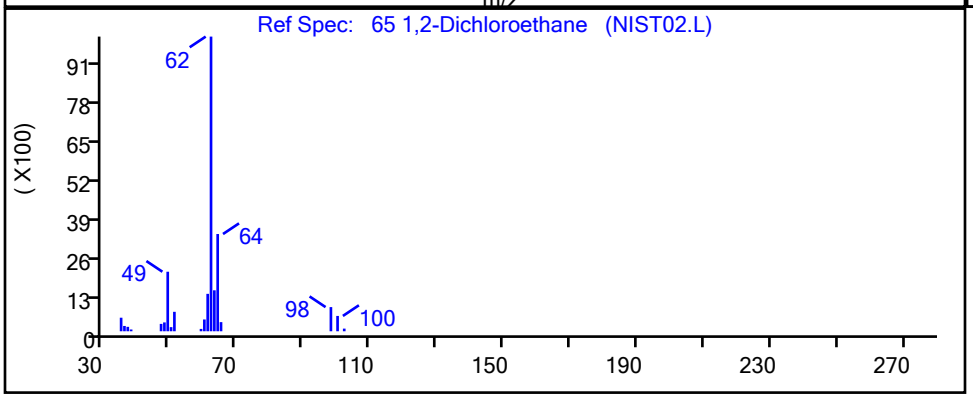
Processing Results











RT	Mass	Response	Amount
4.78	62.00	474	0.123350
4.77	64.00	300	

Reviewer: delpolitov, 31-Mar-2022 17:25:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

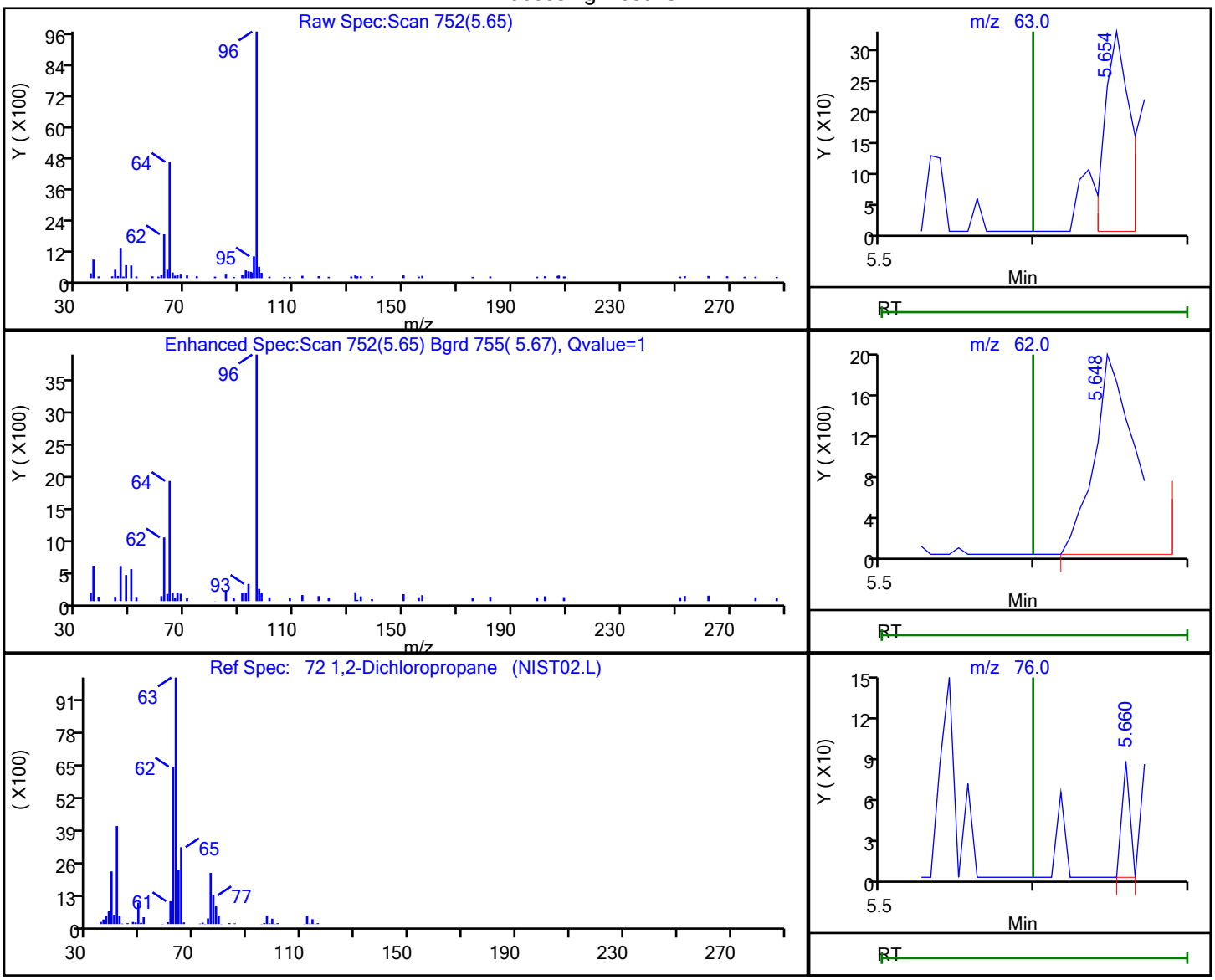
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

72 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
5.65	63.00	372	0.141551
5.65	62.00	3883	
5.66	76.00	30	
5.60	112.00	0	

Reviewer: delpolitov, 31-Mar-2022 17:25:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

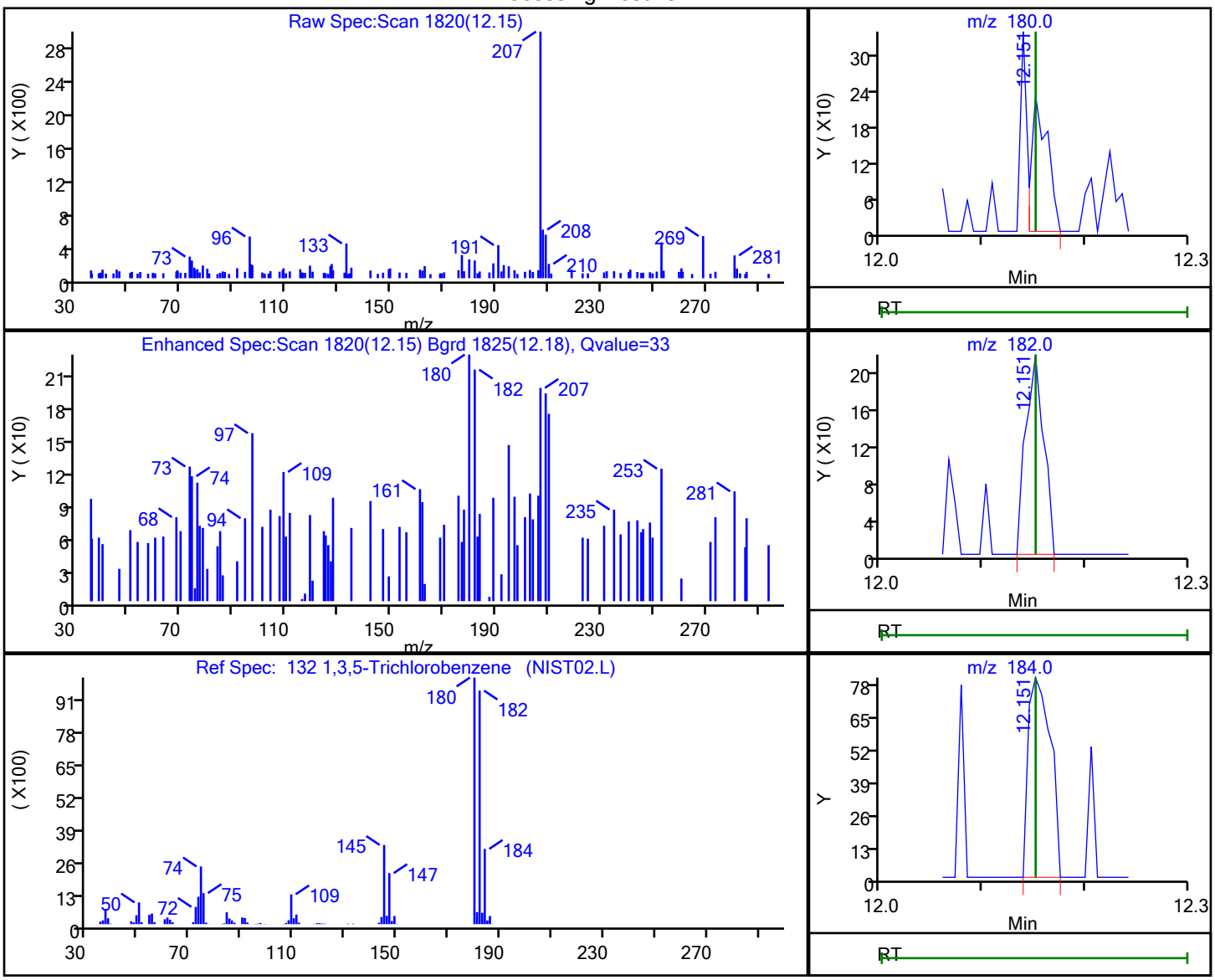
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

132 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
12.15	180.00	250	0.075842
12.15	182.00	264	
12.15	184.00	123	

Reviewer: delpolitov, 31-Mar-2022 17:26:18
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

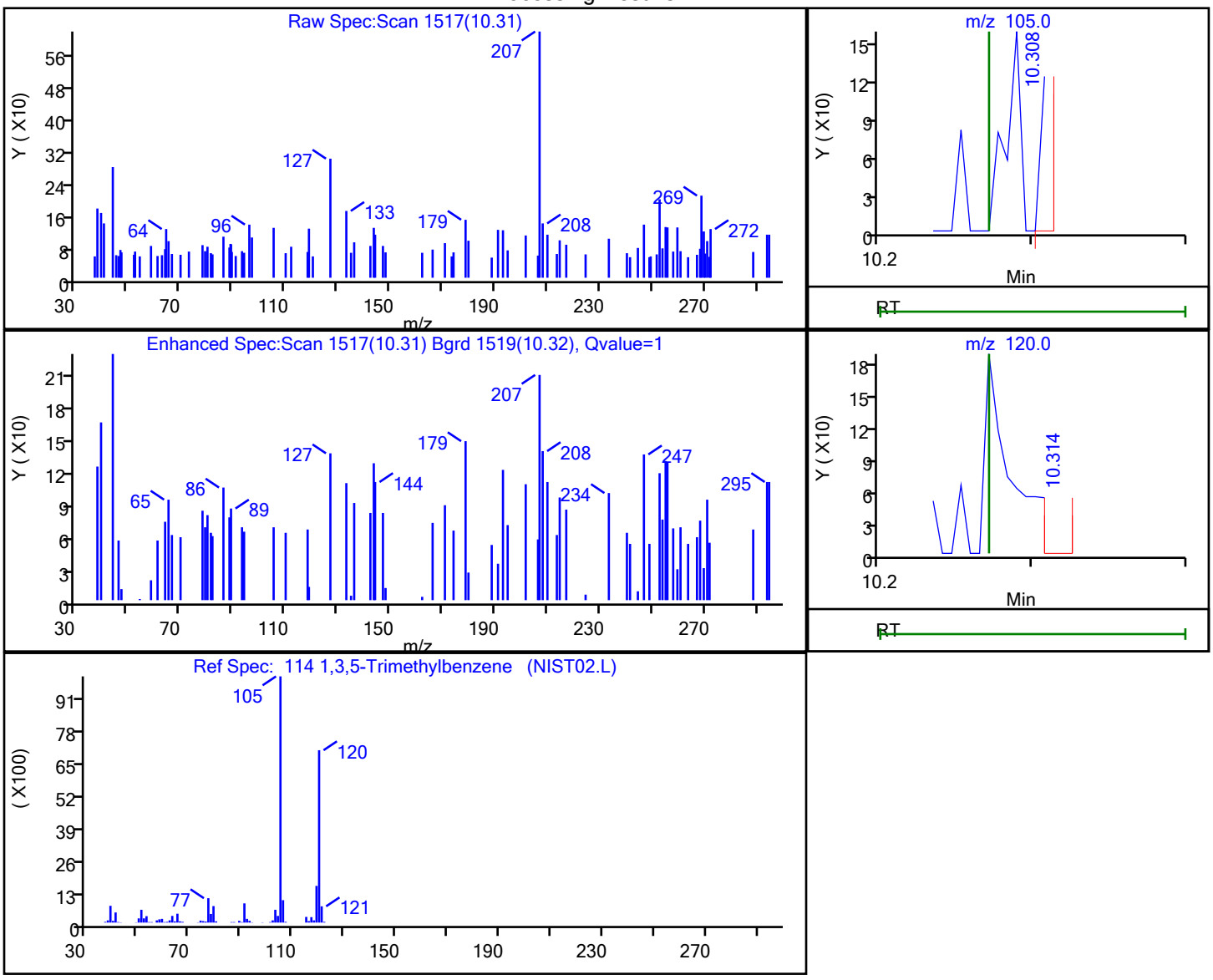
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

114 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
10.31	105.00	45	0.004991
10.31	120.00	80	

Reviewer: delpolitov, 31-Mar-2022 17:26:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

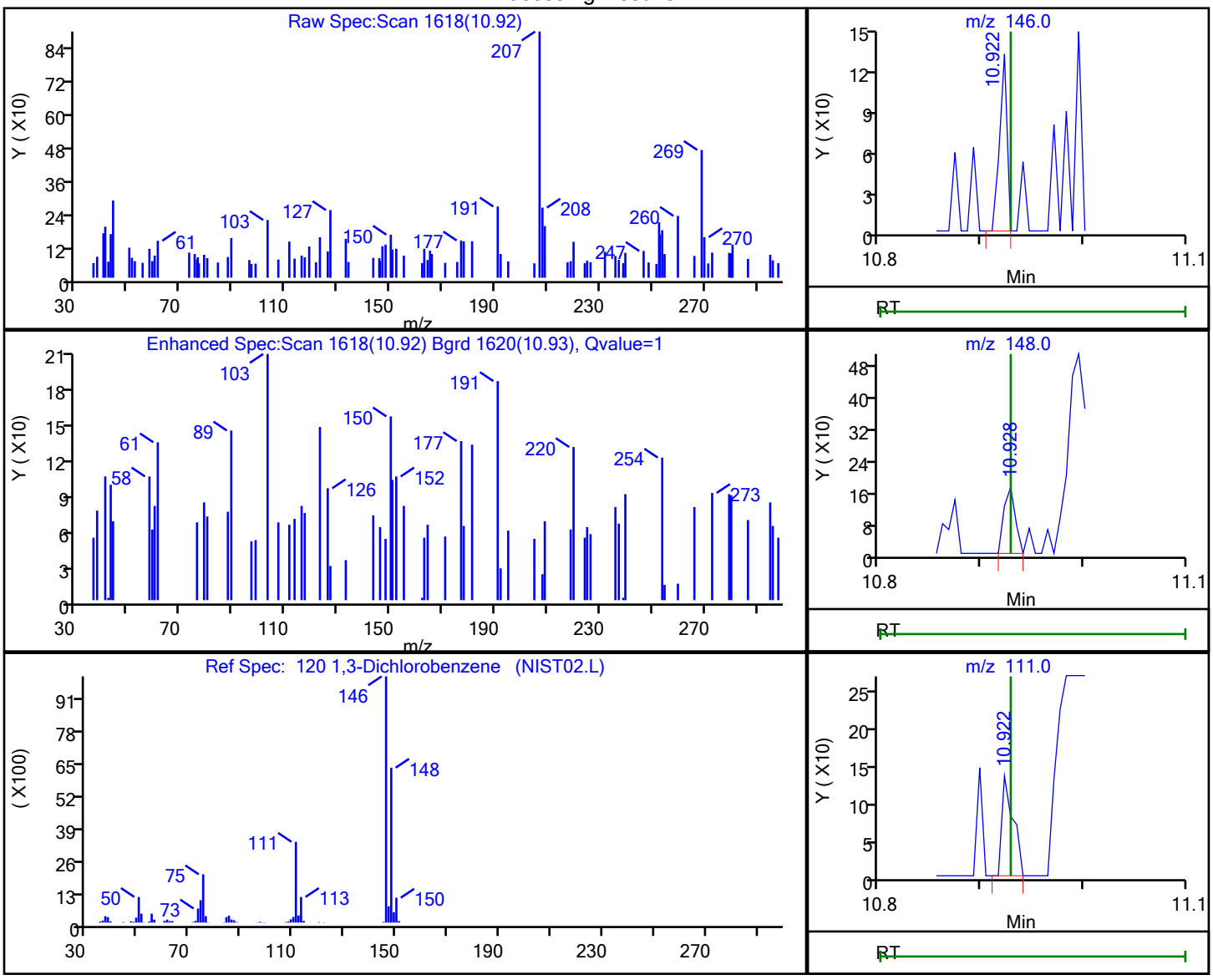
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

120 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.92	146.00	68	0.010599
10.93	148.00	130	
10.92	111.00	101	

Reviewer: delpolitov, 31-Mar-2022 17:26:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

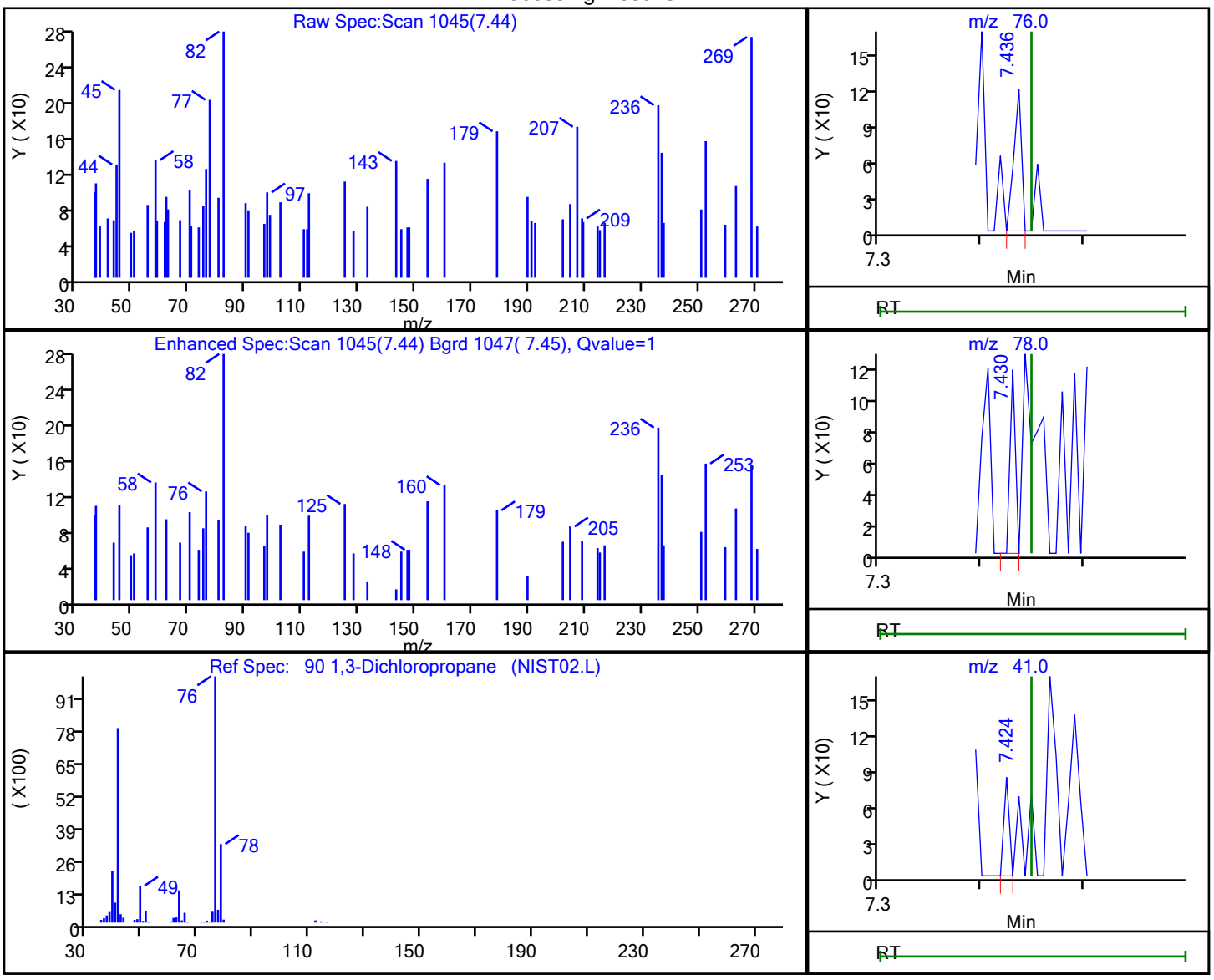
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

90 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
7.44	76.00	64	0.015539
7.43	78.00	43	
7.42	41.00	30	

Reviewer: delpolitov, 31-Mar-2022 17:26:07
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

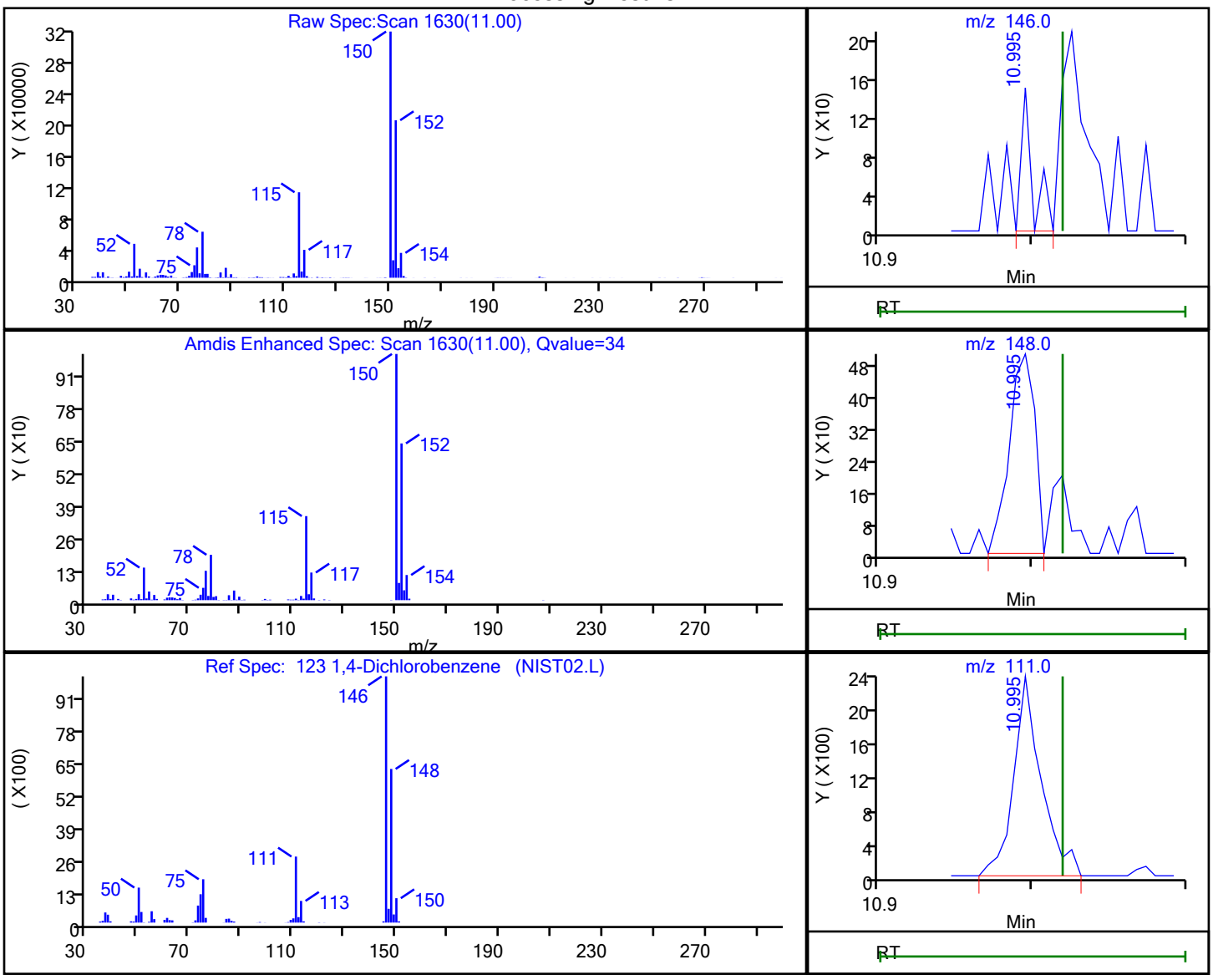
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

123 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
11.00	146.00	78	0.011509
11.00	148.00	584	
11.00	111.00	2932	

Reviewer: delpolitov, 31-Mar-2022 17:26:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

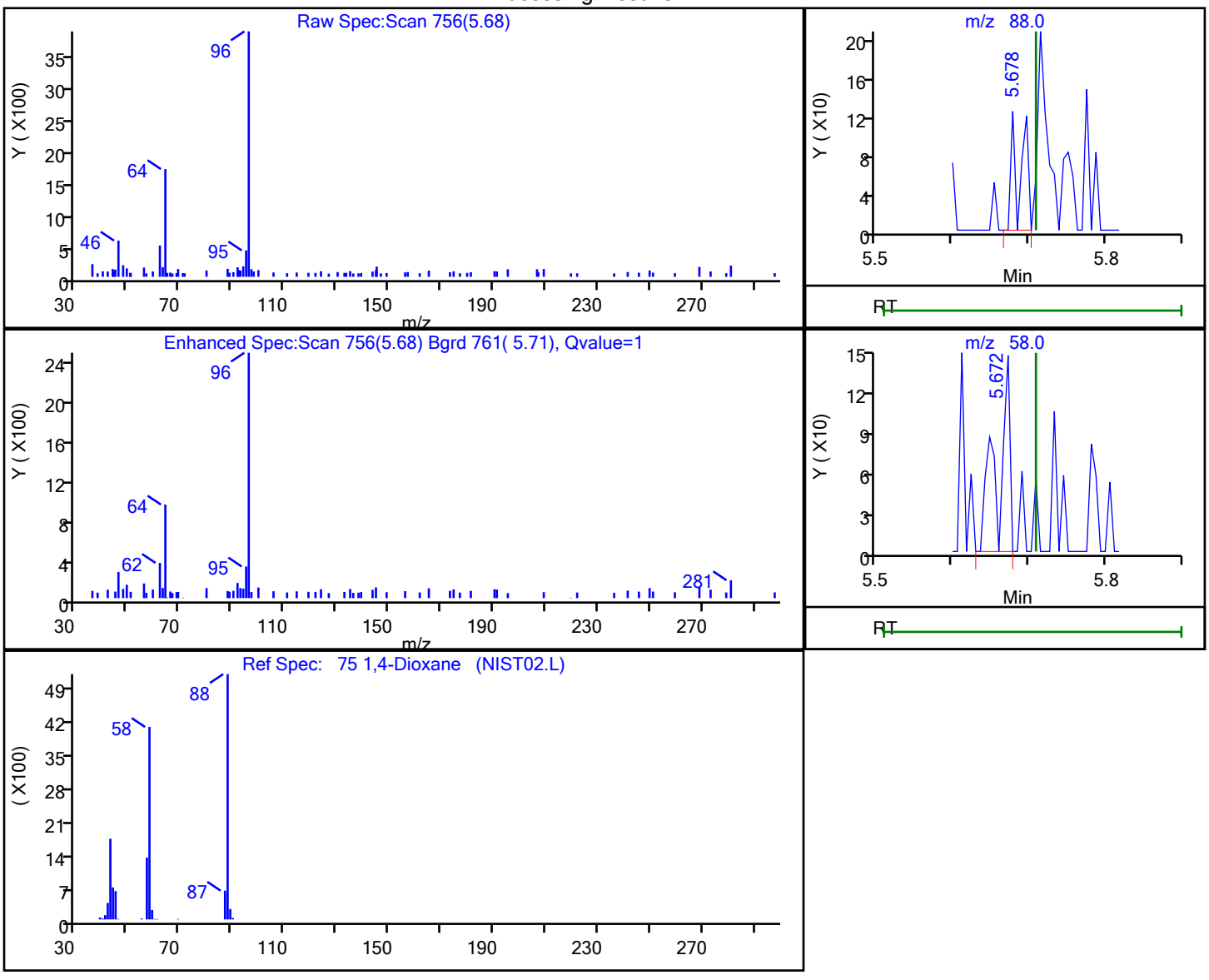
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
5.68	88.00	117	2.985521
5.67	58.00	157	

Reviewer: delpolitov, 31-Mar-2022 17:25:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

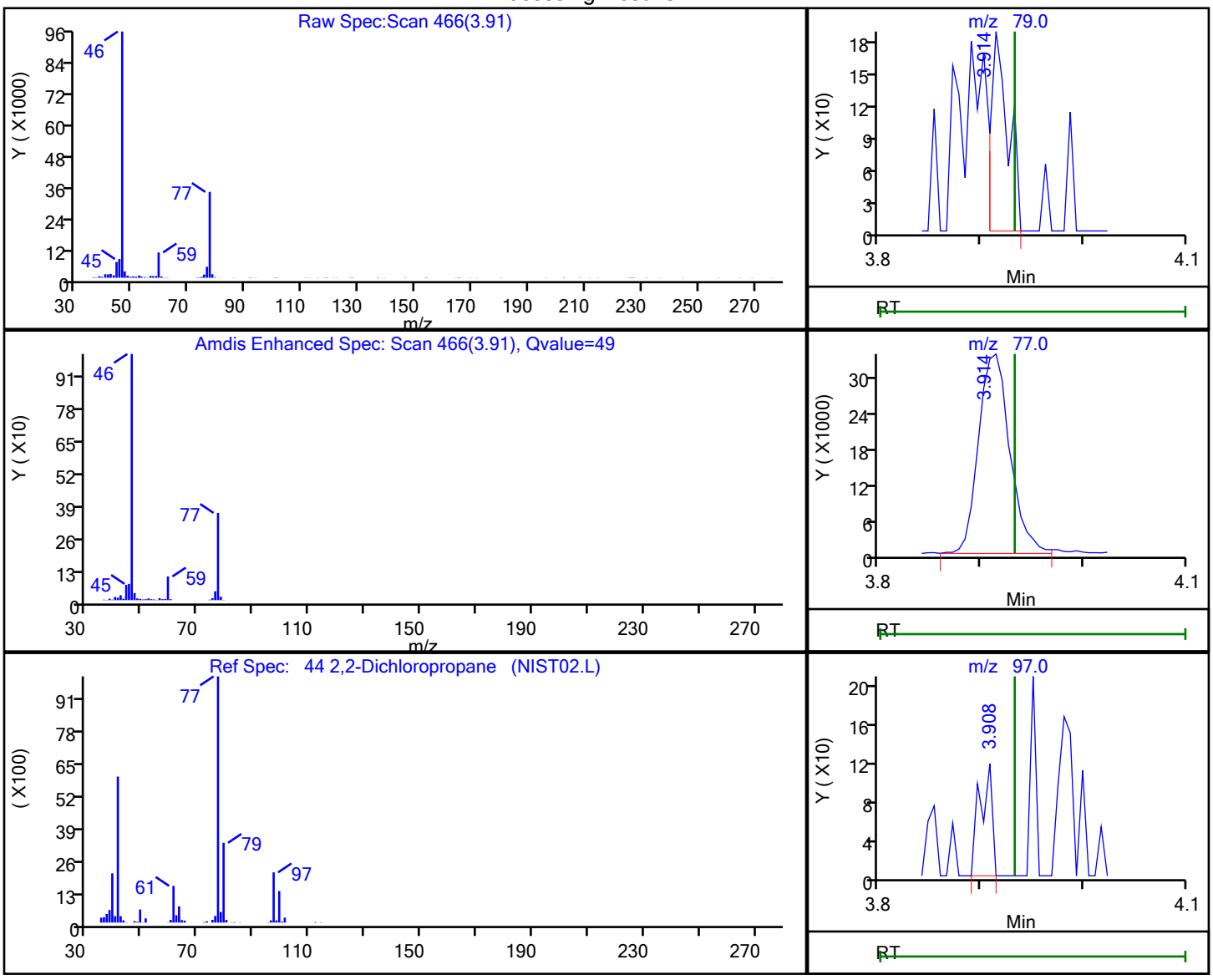
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
3.91	79.00	219	0.175196
3.91	77.00	71559	
3.91	97.00	98	

Reviewer: delpolitov, 31-Mar-2022 17:25:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

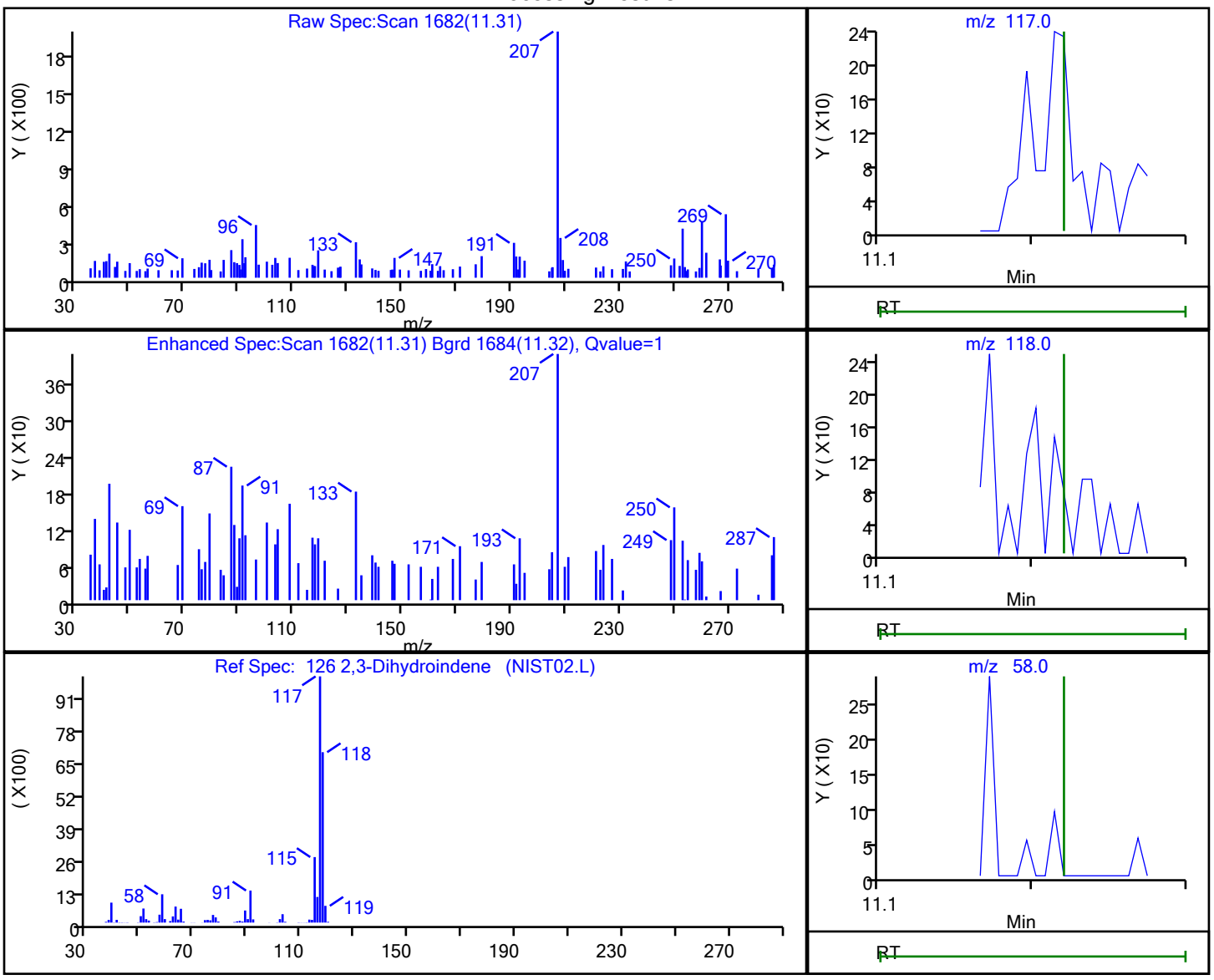
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
11.31	117.00	90	0.007521
11.30	118.00	116	
11.30	58.00	89	

Reviewer: delpolitov, 31-Mar-2022 17:26:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

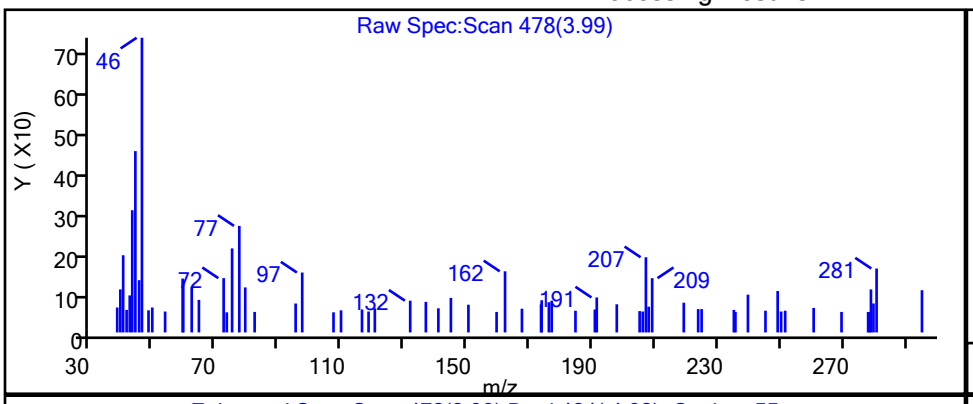
User Disabled Compound Report

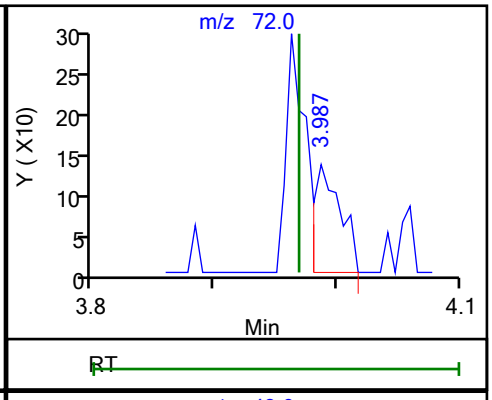
Eurofins Edison

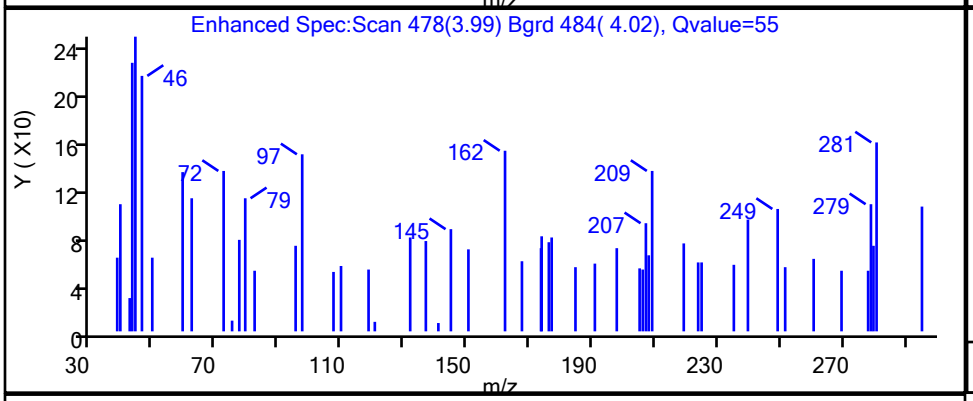
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

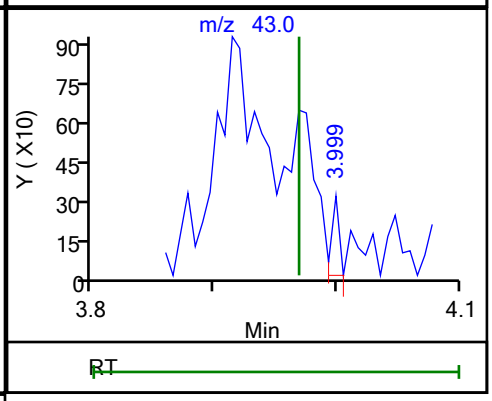
46 2-Butanone (MEK), CAS: 78-93-3

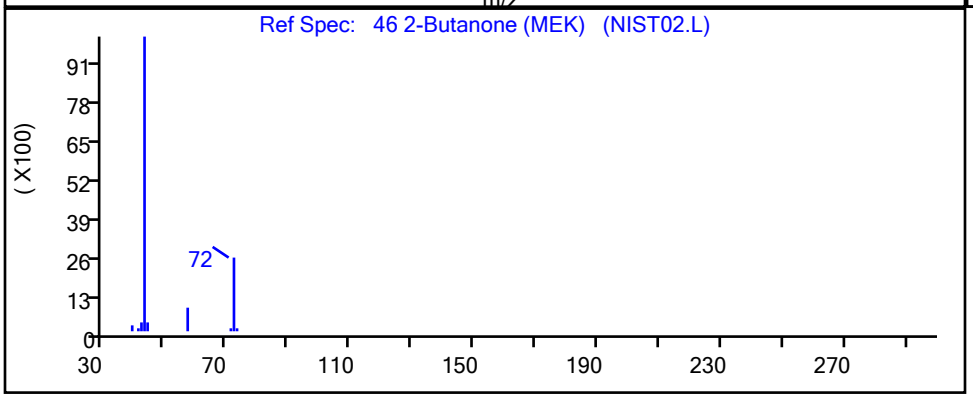
Processing Results











RT	Mass	Response	Amount
3.99	72.00	203	0.595610
4.00	43.00	131	

Reviewer: delpolitov, 31-Mar-2022 17:25:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

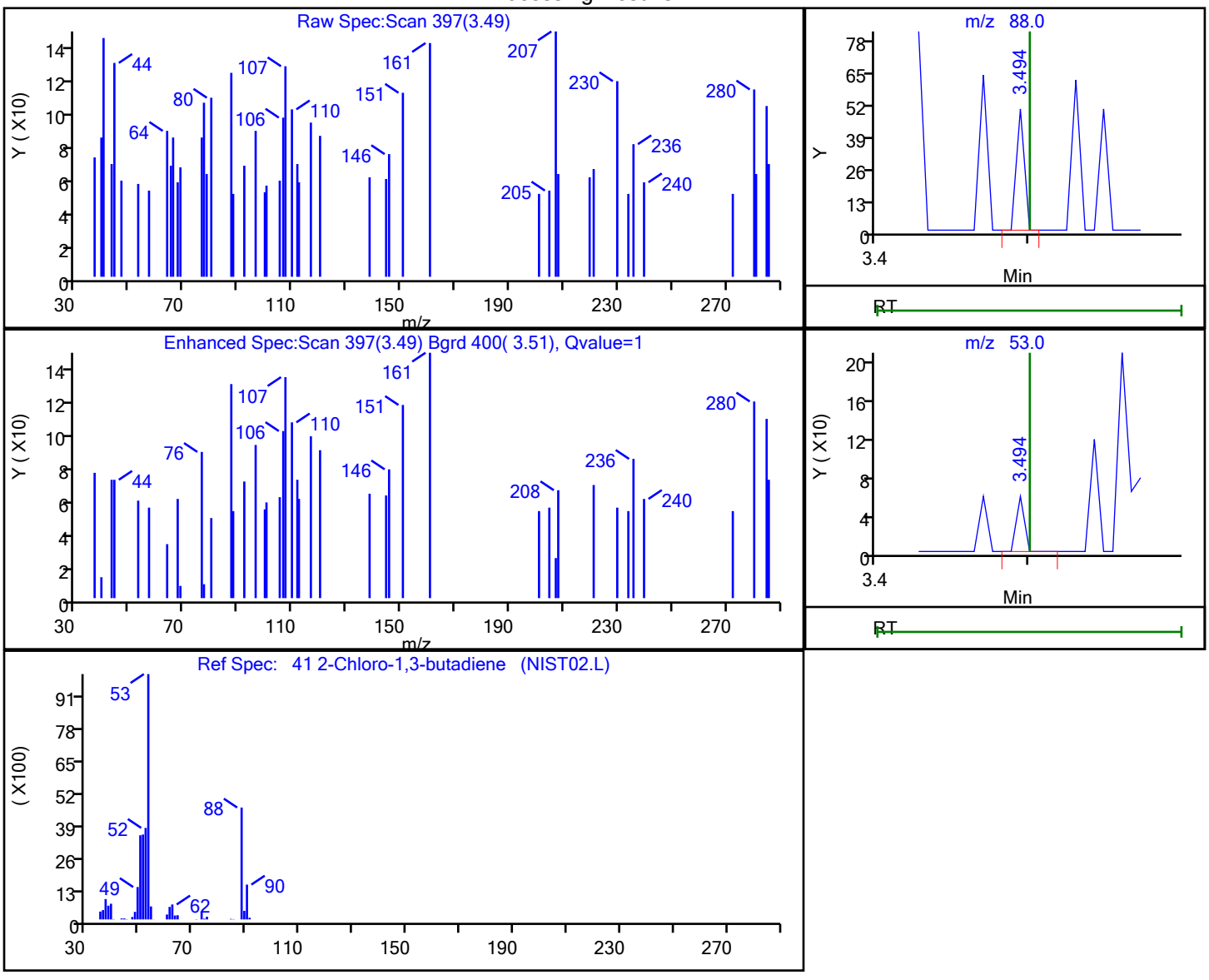
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

41 2-Chloro-1,3-butadiene, CAS: 126-99-8

Processing Results



RT	Mass	Response	Amount
3.49	88.00	18	0.006512
3.49	53.00	20	

Reviewer: delpolitov, 31-Mar-2022 17:25:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

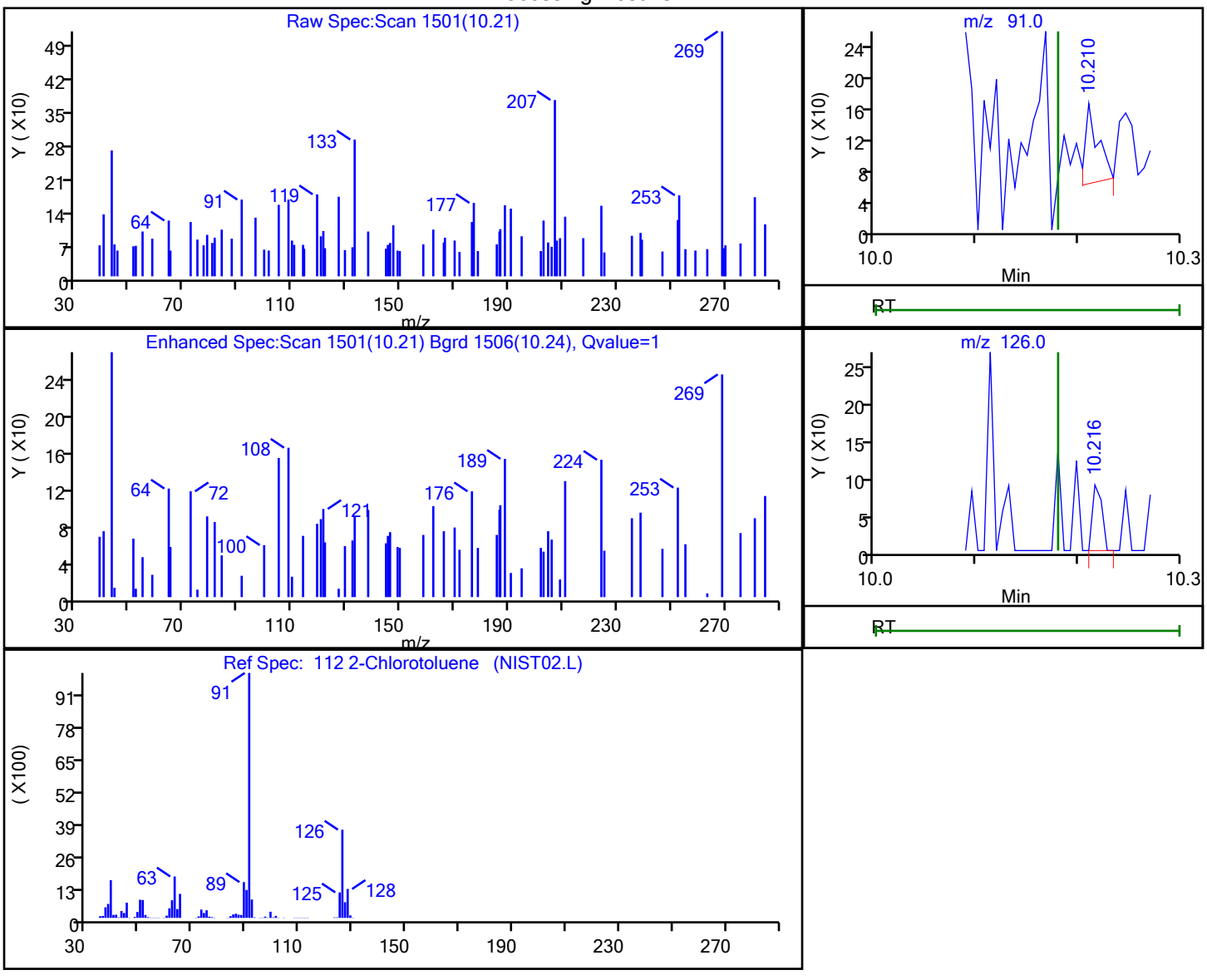
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

112 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
10.21	91.00	89	0.009401
10.22	126.00	56	

Reviewer: delpolitov, 31-Mar-2022 17:26:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

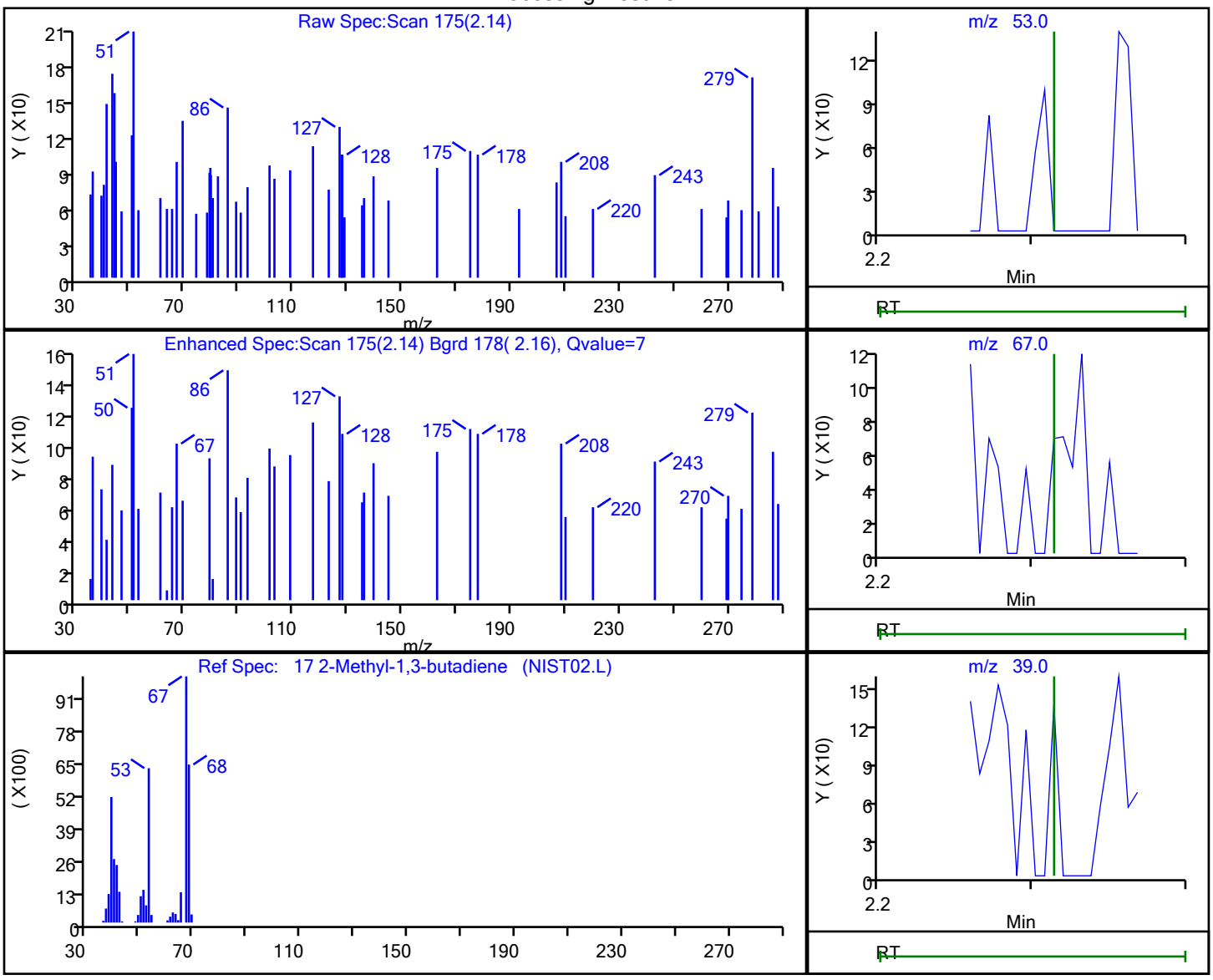
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.14	53.00	40	0.024112
2.16	67.00	48	
2.14	39.00	84	

Reviewer: delpolitov, 31-Mar-2022 17:25:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

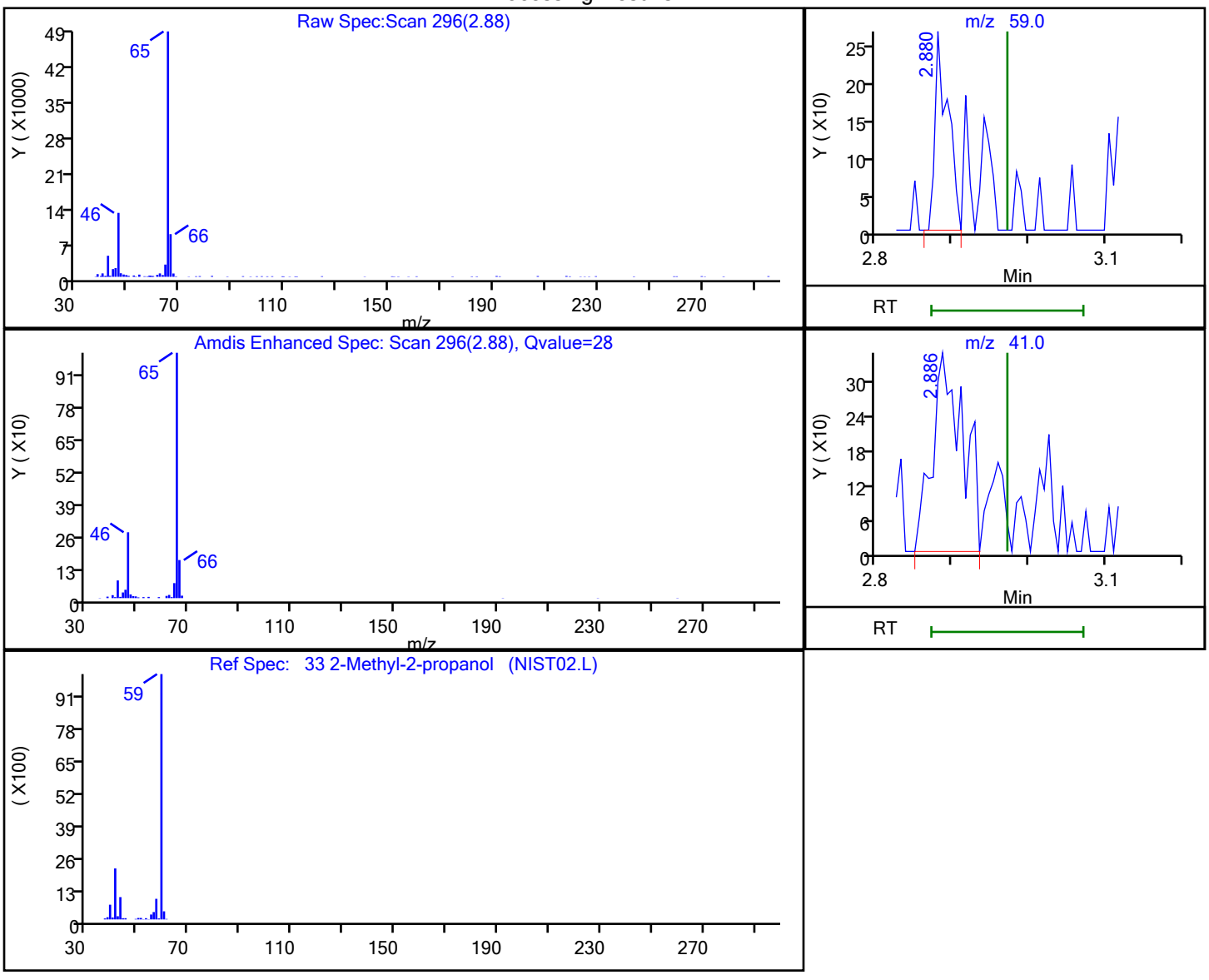
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

33 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
2.88	59.00	310	1.217840
2.89	41.00	967	

Reviewer: delpolitov, 31-Mar-2022 17:25:32
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

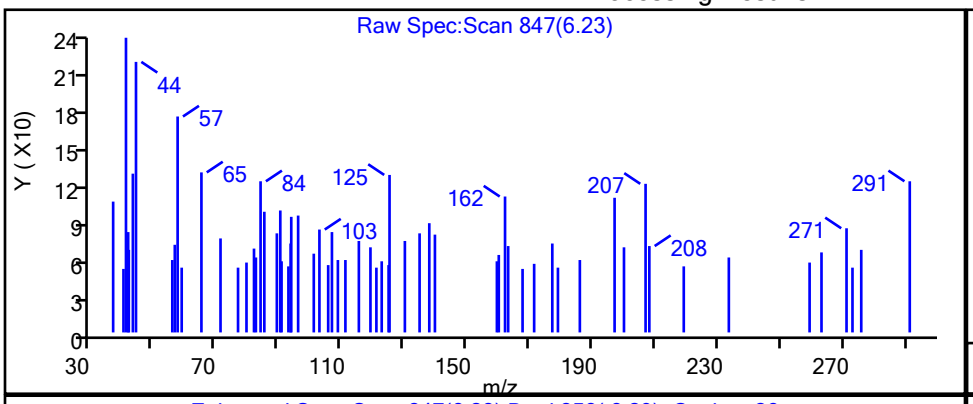
User Disabled Compound Report

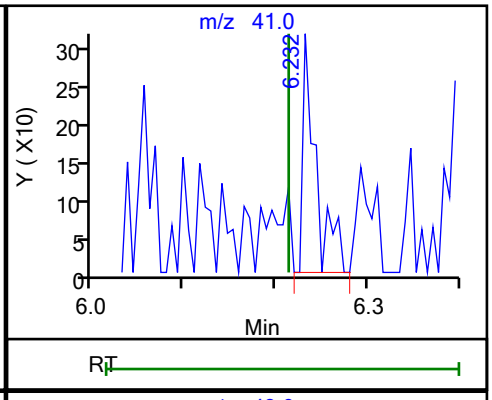
Eurofins Edison

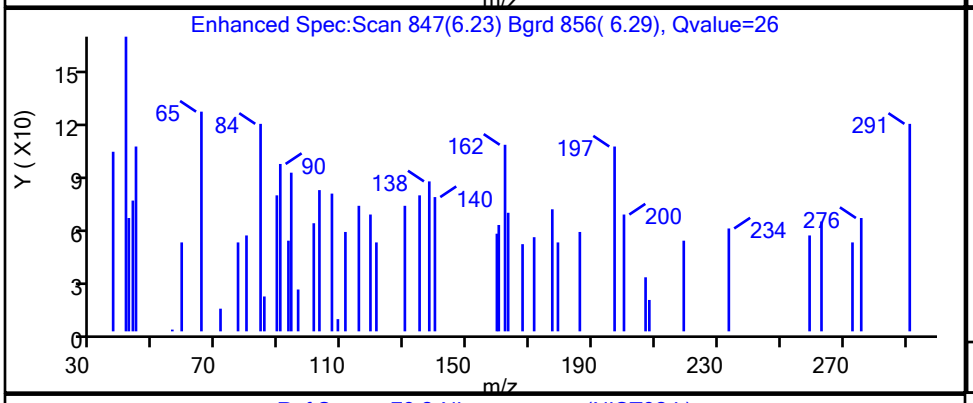
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

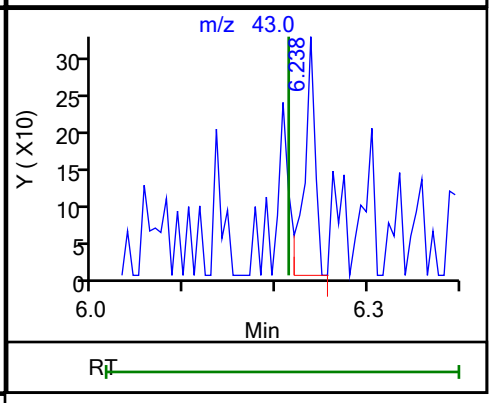
79 2-Nitropropane, CAS: 79-46-9

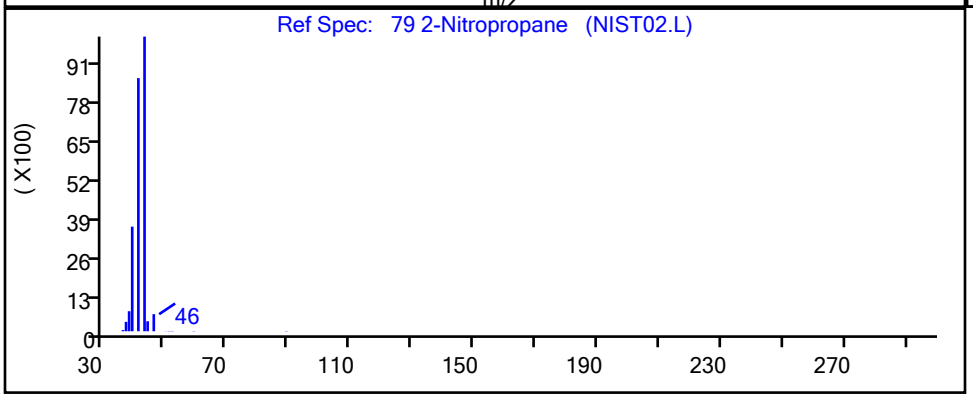
Processing Results











RT	Mass	Response	Amount
6.23	41.00	311	0.547210
6.24	43.00	260	

Reviewer: delpolitov, 31-Mar-2022 17:25:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

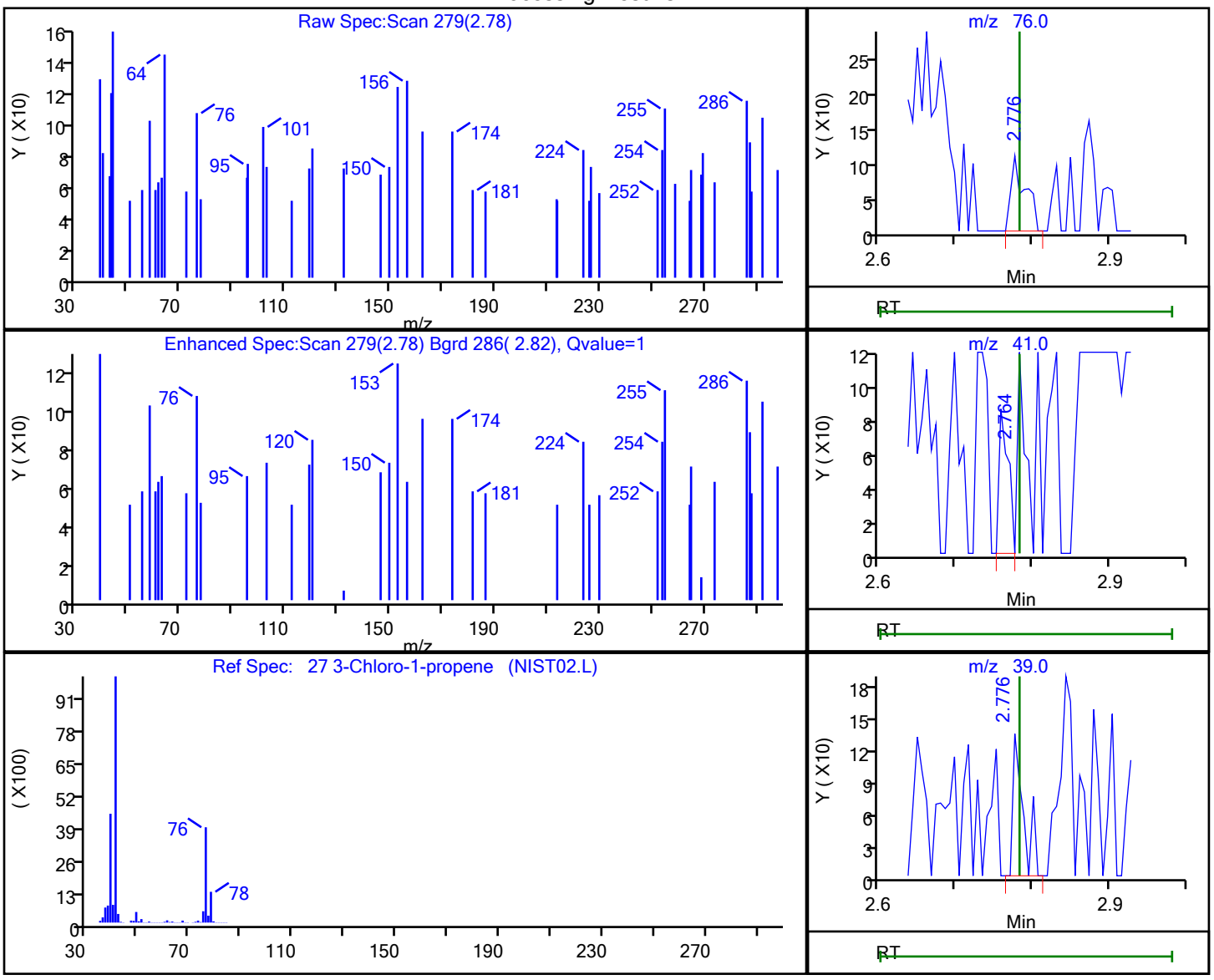
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
2.78	76.00	140	0.063251
2.76	41.00	71	
2.78	39.00	123	

Reviewer: delpolitov, 31-Mar-2022 17:25:36
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

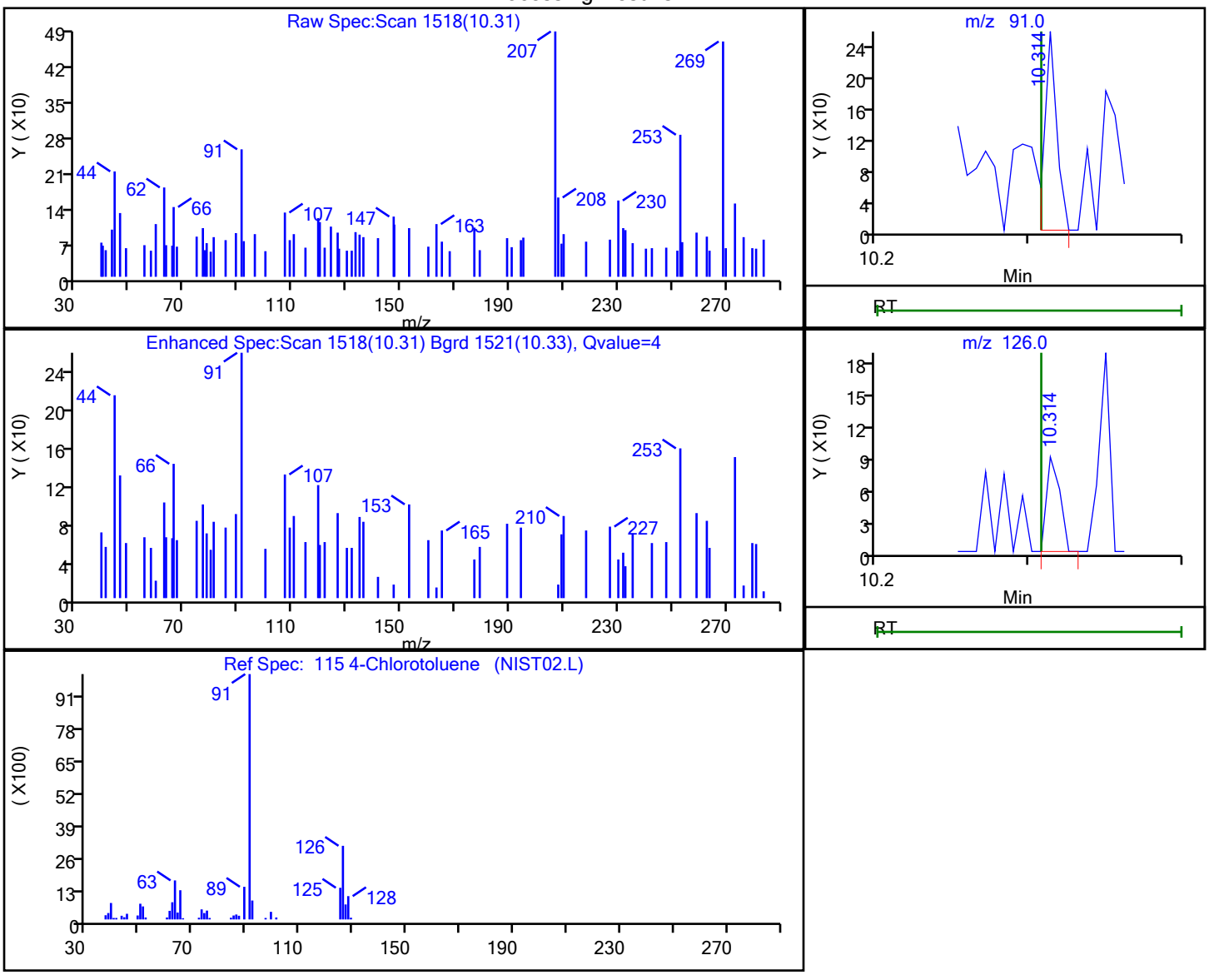
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

115 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
10.31	91.00	141	0.015947
10.31	126.00	53	

Reviewer: delpolitov, 31-Mar-2022 17:26:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

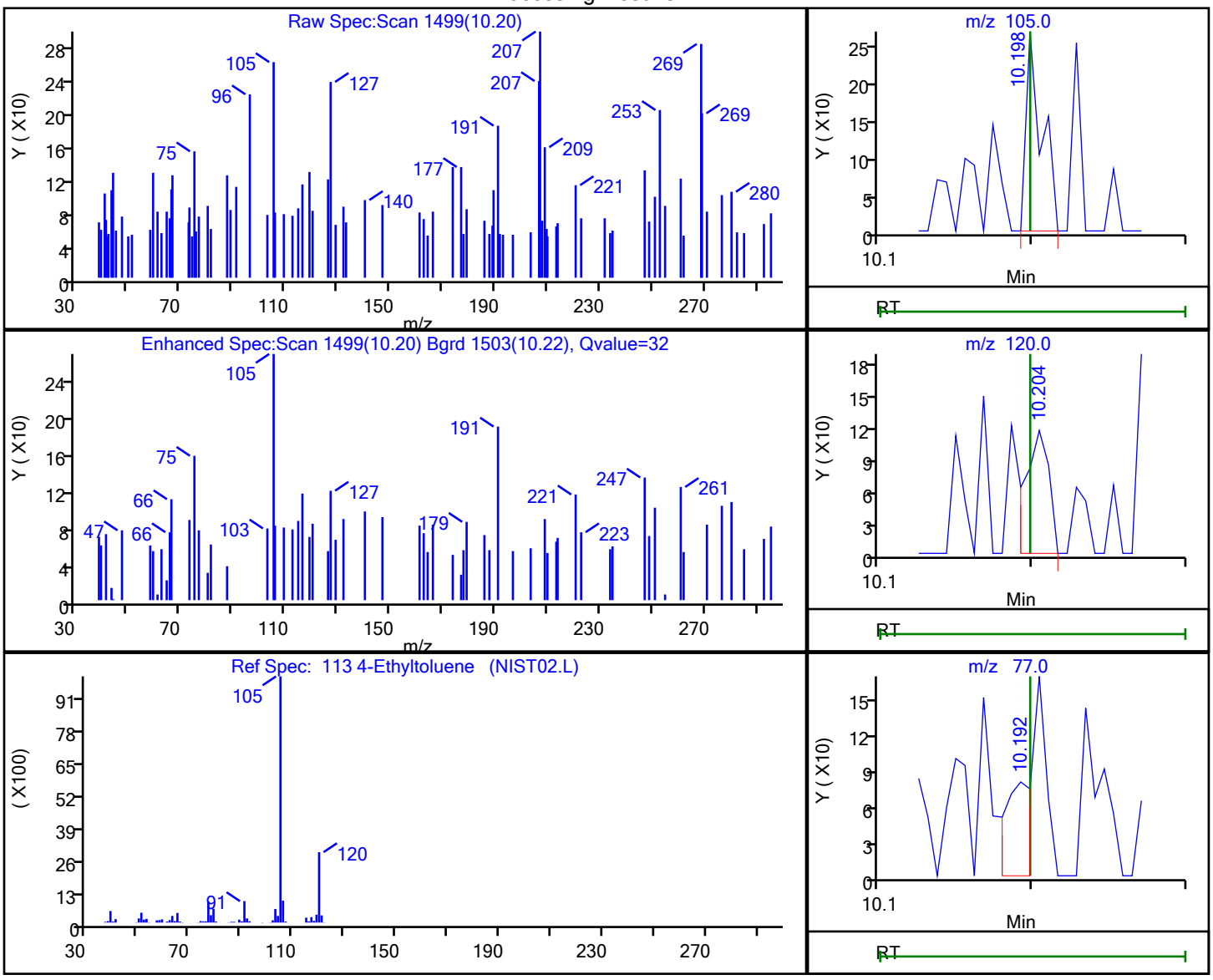
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

113 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
10.20	105.00	187	0.017375
10.20	120.00	126	
10.19	77.00	100	

Reviewer: delpolitov, 31-Mar-2022 17:26:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

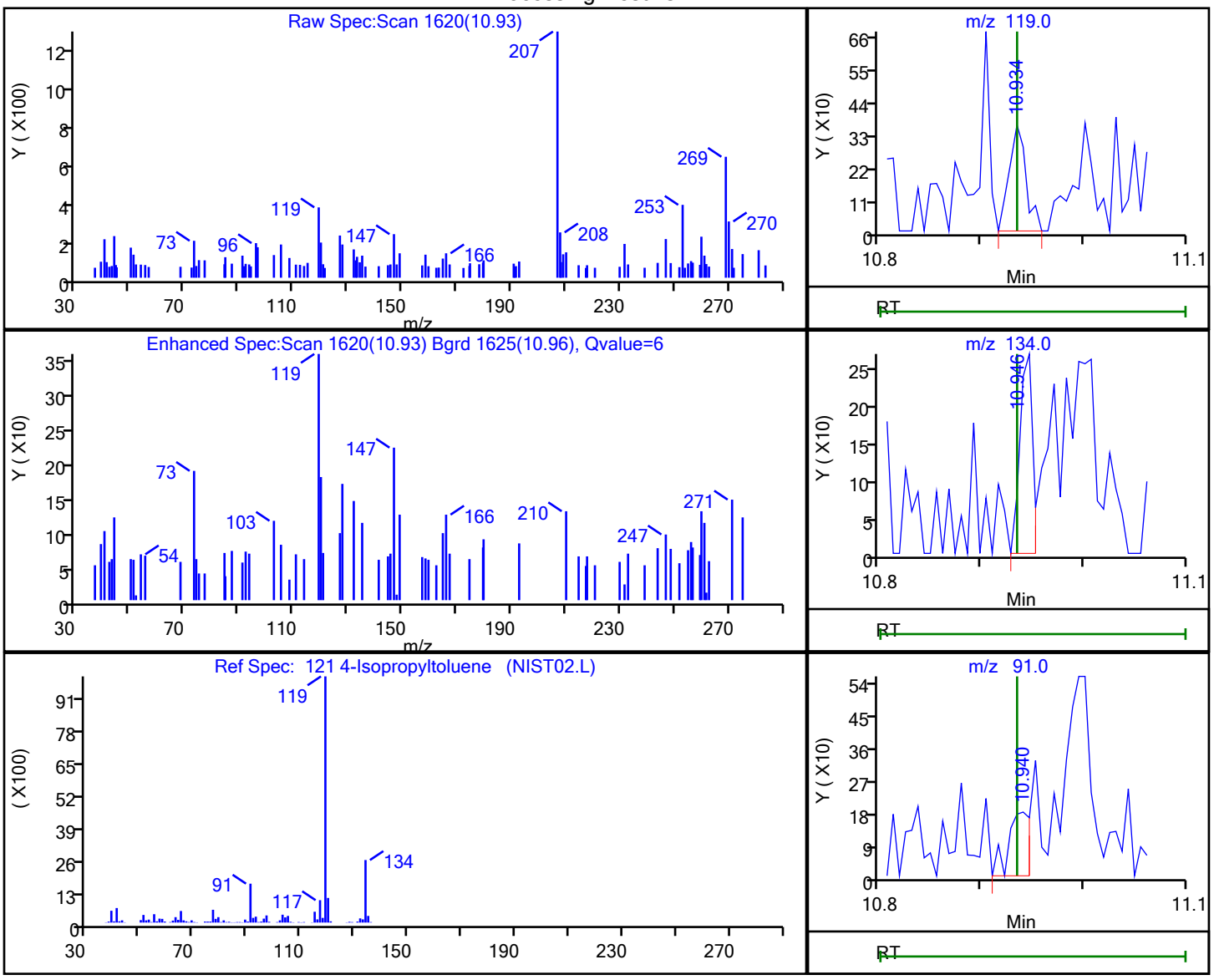
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

121 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.93	119.00	416	0.051060
10.95	134.00	234	
10.94	91.00	267	

Reviewer: delpolitov, 31-Mar-2022 17:26:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

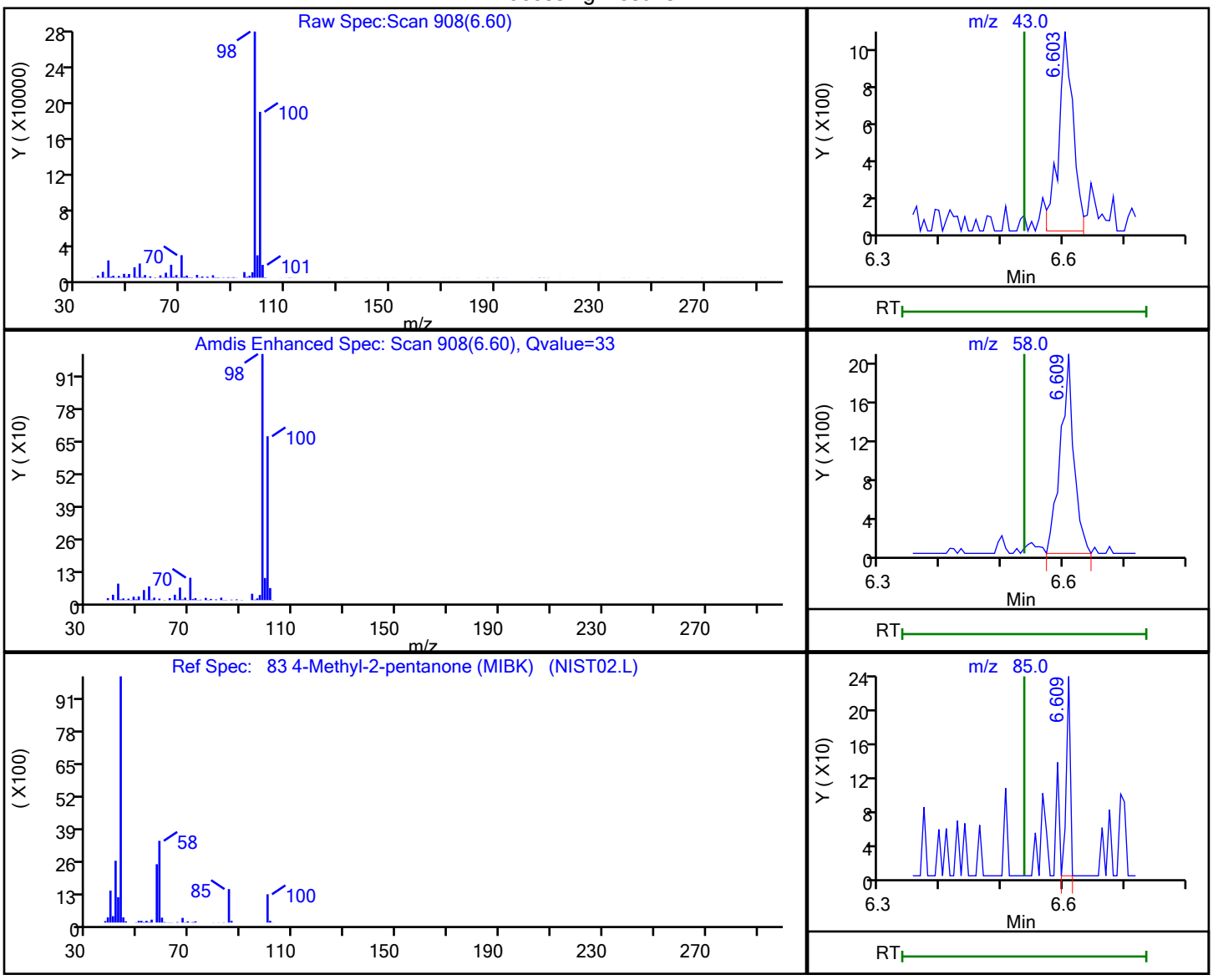
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

83 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.60	43.00	1744	0.942608
6.61	58.00	3202	
6.61	85.00	105	
6.61	100.00	336610	

Reviewer: delpolitov, 31-Mar-2022 17:26:04
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

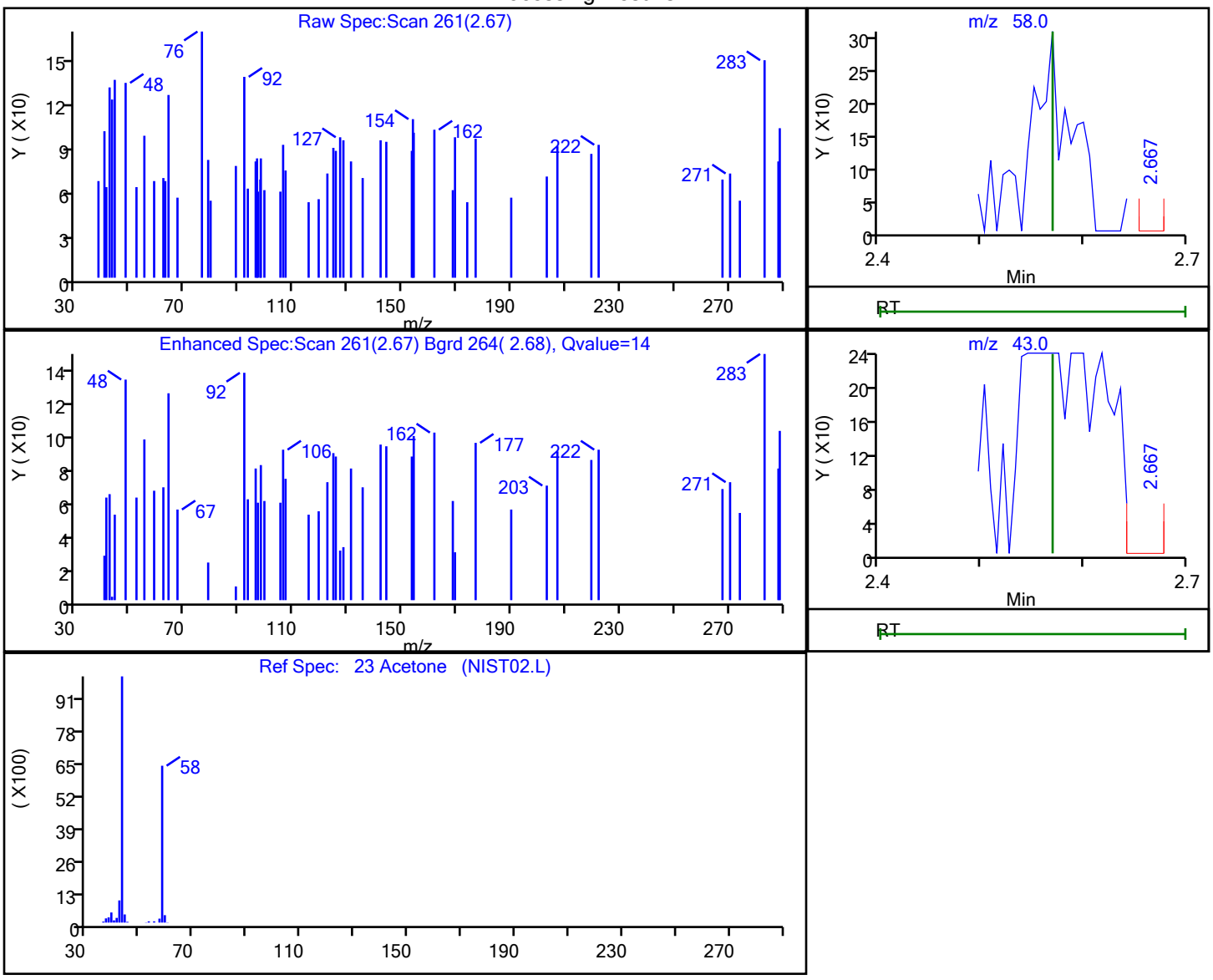
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

23 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.67	58.00	23	0.100904
2.67	43.00	230	

Reviewer: delpolitov, 31-Mar-2022 17:25:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

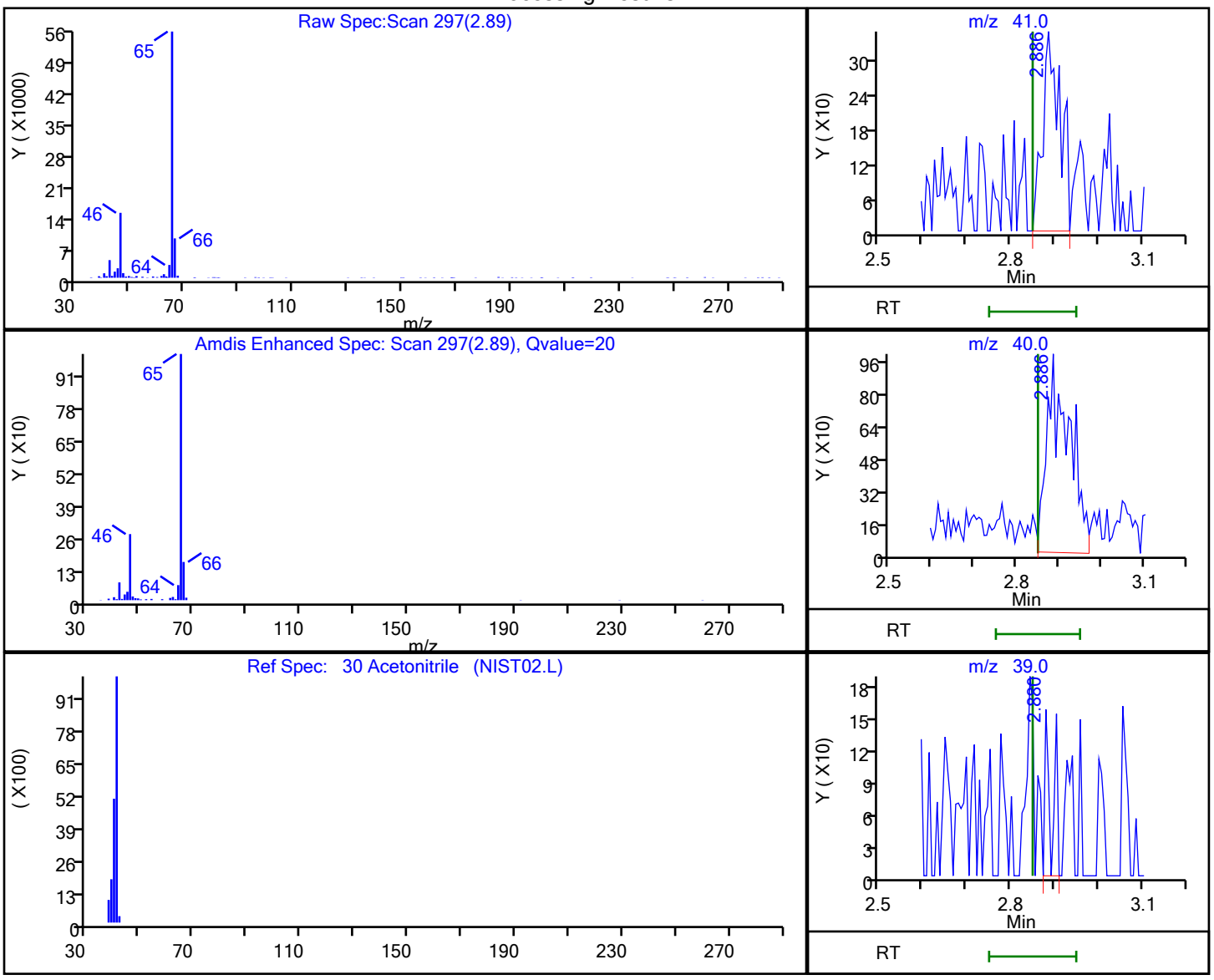
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

30 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.89	41.00	967	3.552305
2.89	40.00	3691	
2.88	39.00	161	
2.88	38.00	1402	

Reviewer: delpolitov, 31-Mar-2022 17:25:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

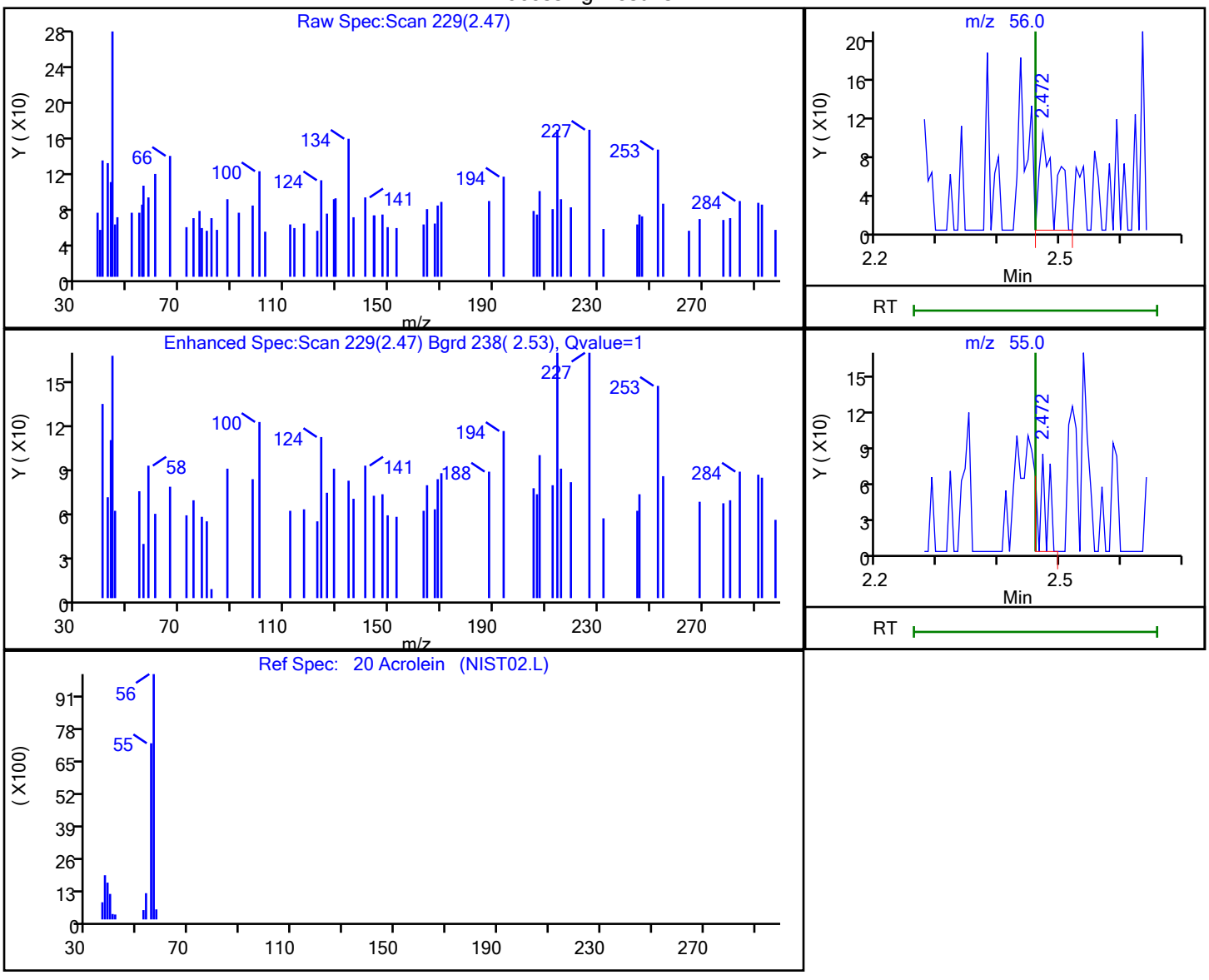
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

20 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
2.47	56.00	178	0.715824
2.47	55.00	78	

Reviewer: delpolitov, 31-Mar-2022 17:25:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

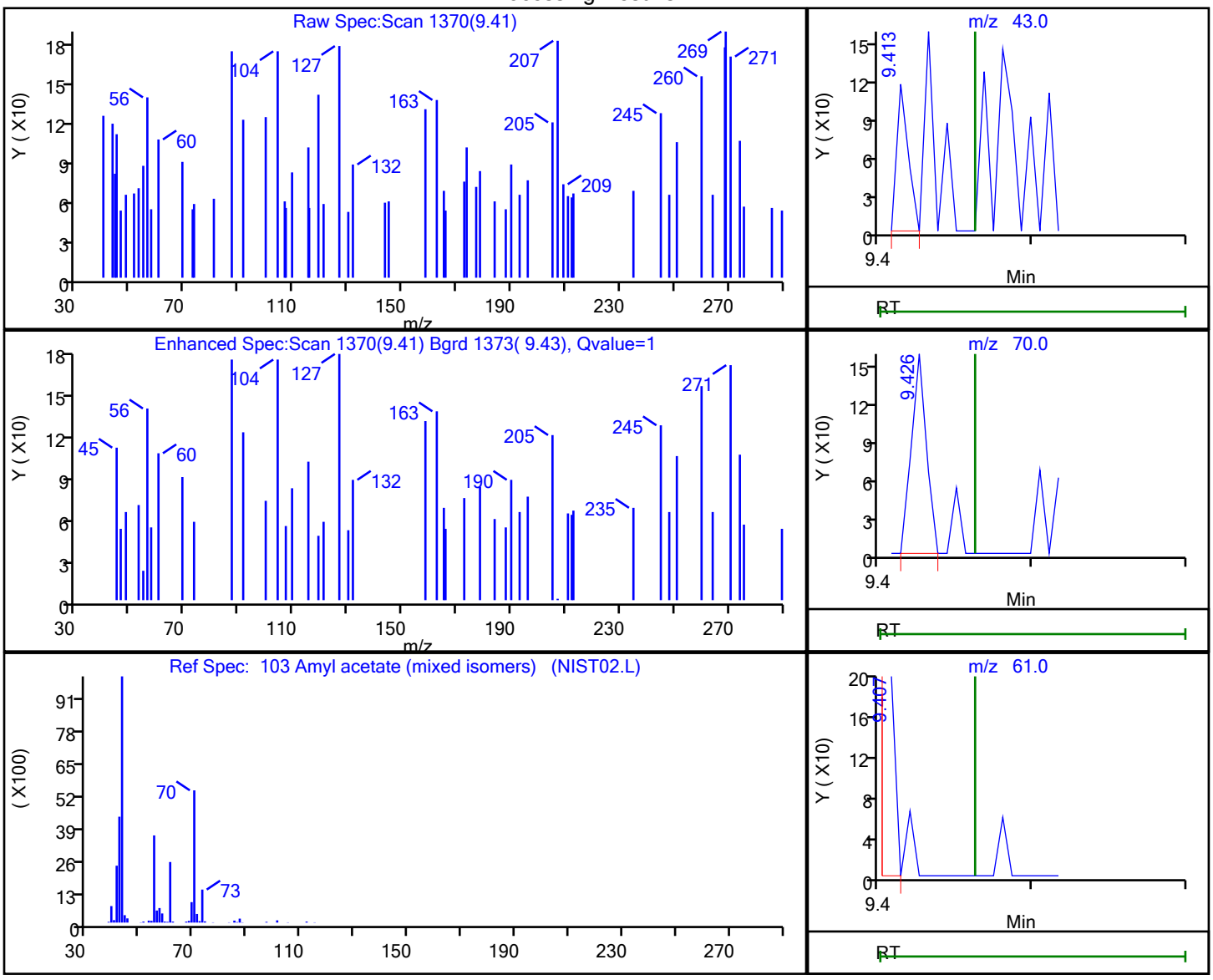
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

103 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
9.41	43.00	61	0.017213
9.43	70.00	108	
9.41	61.00	71	

Reviewer: delpolitov, 31-Mar-2022 17:26:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

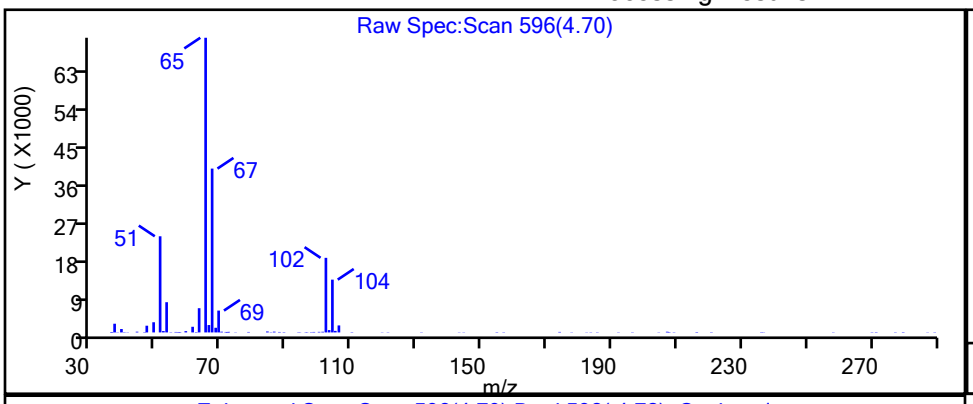
User Disabled Compound Report

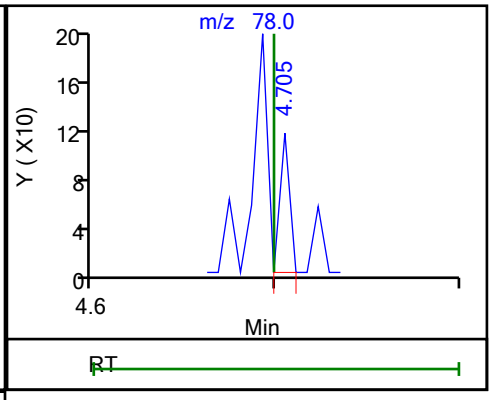
Eurofins Edison

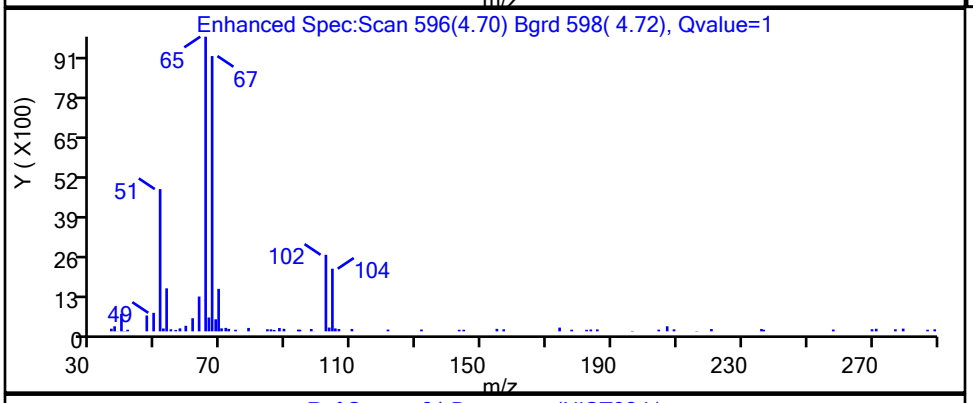
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

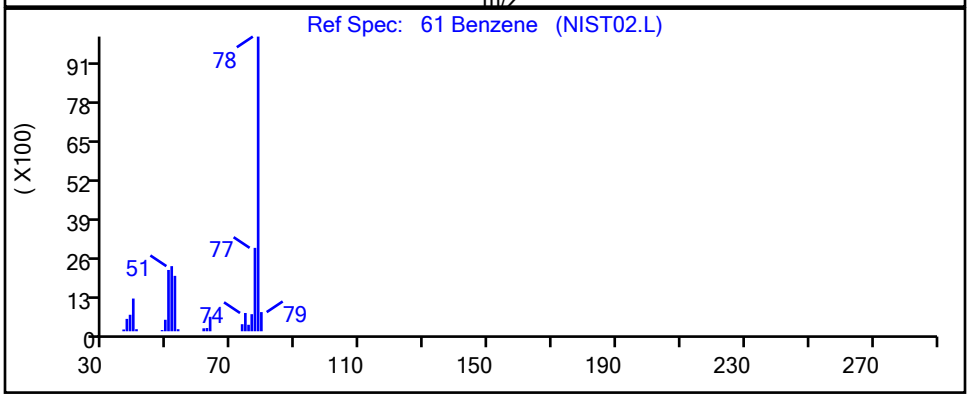
61 Benzene, CAS: 71-43-2

Processing Results









RT	Mass	Response	Amount
4.70	78.00	41	0.003551

Reviewer: delpolitov, 31-Mar-2022 17:25:54
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

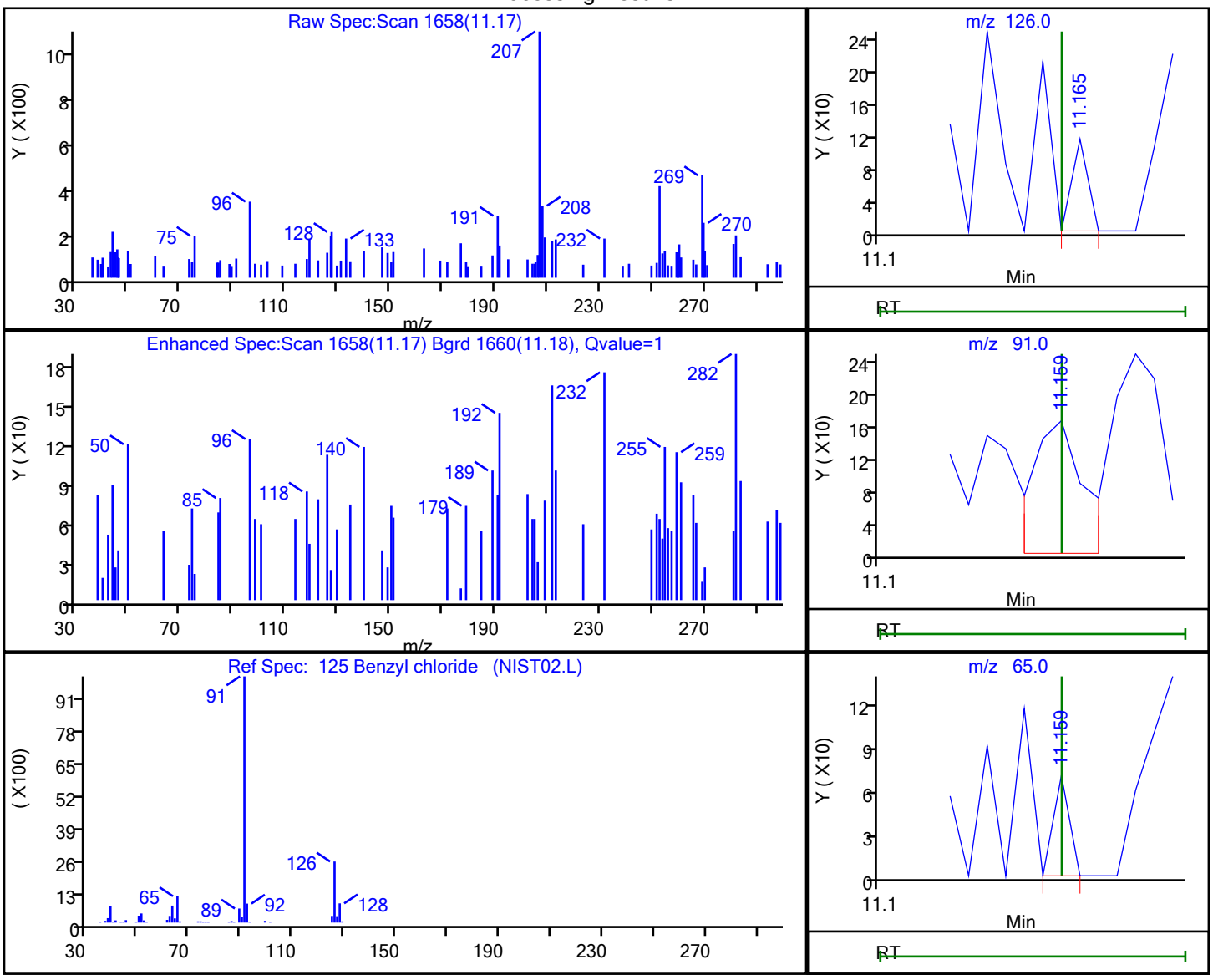
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

125 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
11.17	126.00	41	0.024399
11.16	91.00	191	
11.16	65.00	25	

Reviewer: delpolitov, 31-Mar-2022 17:26:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

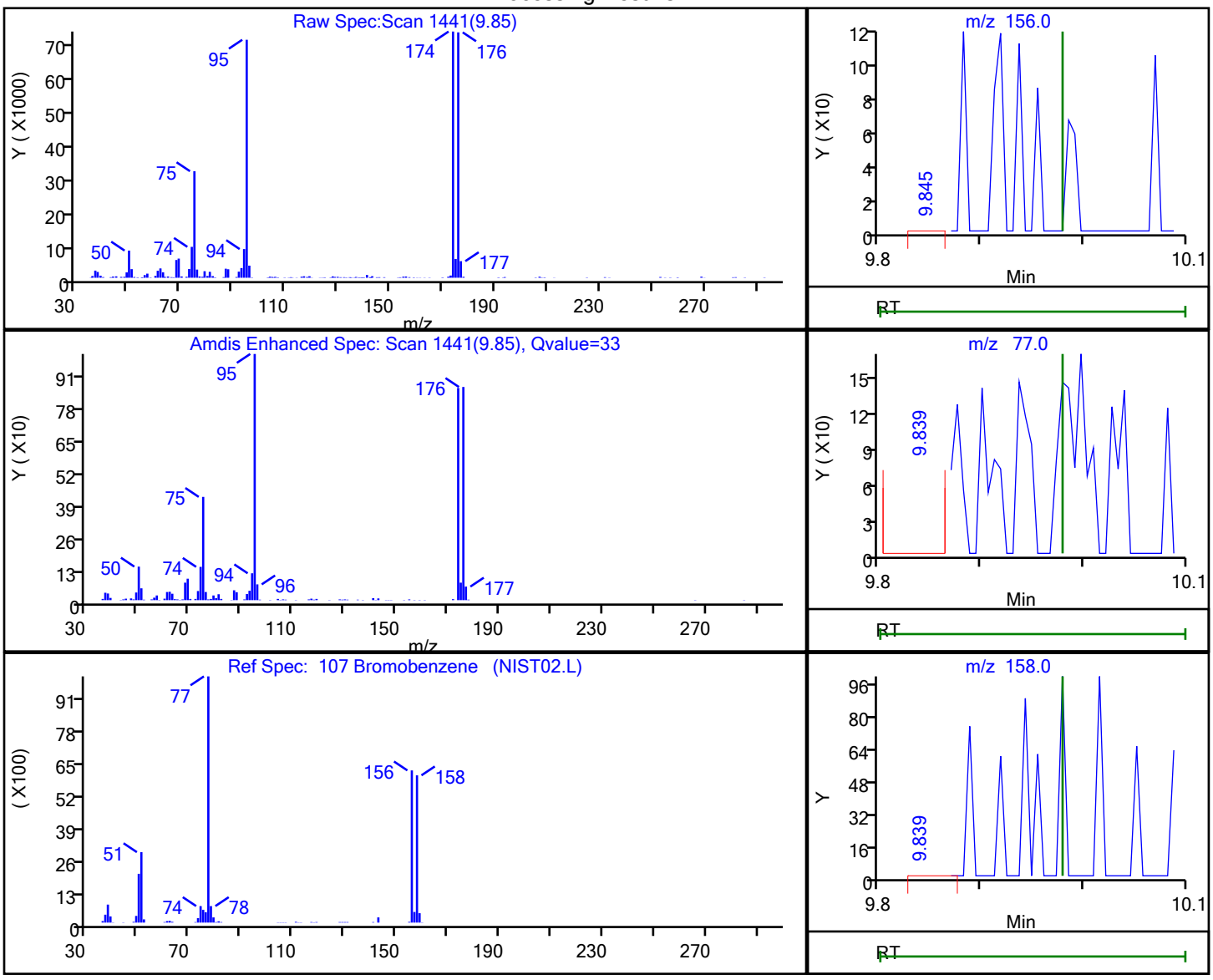
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

107 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
9.85	156.00	276	0.074840
9.84	77.00	1255	
9.84	158.00	119	

Reviewer: delpolitov, 31-Mar-2022 17:26:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

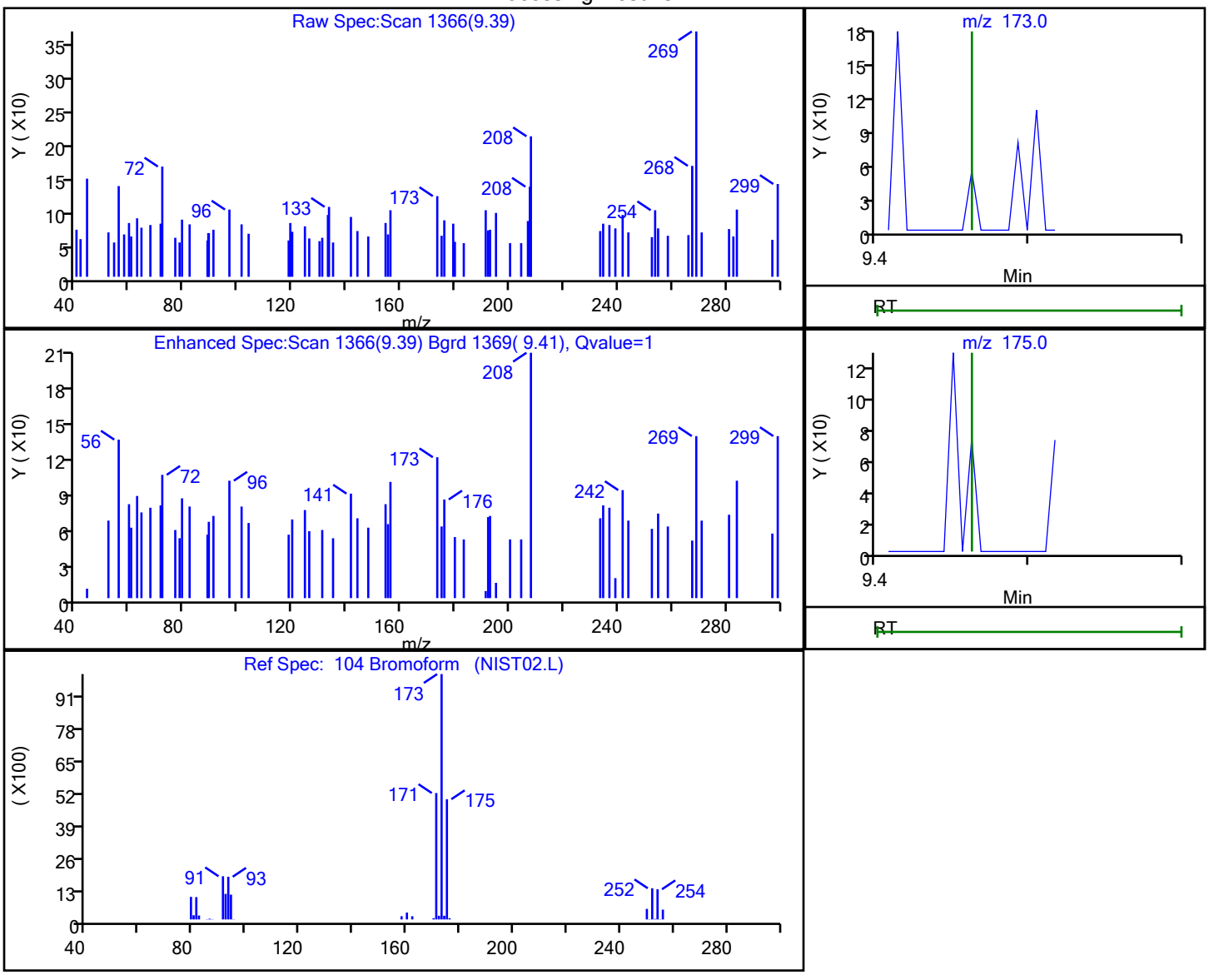
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

104 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
9.39	173.00	44	0.021346
9.38	175.00	45	

Reviewer: delpolitov, 31-Mar-2022 17:26:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

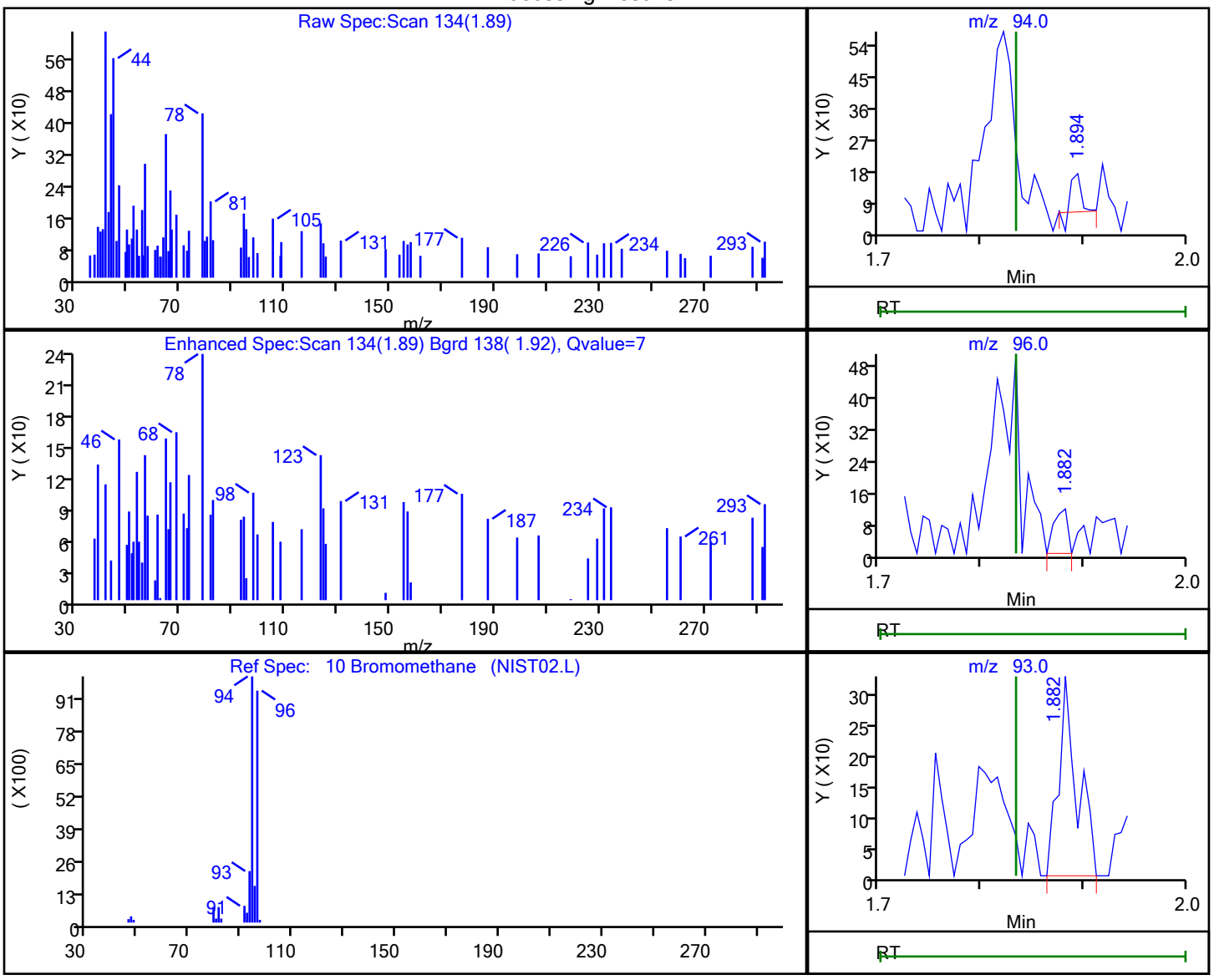
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.89	94.00	62	0.026008
1.88	96.00	105	
1.88	93.00	407	

Reviewer: delpolitov, 31-Mar-2022 17:25:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

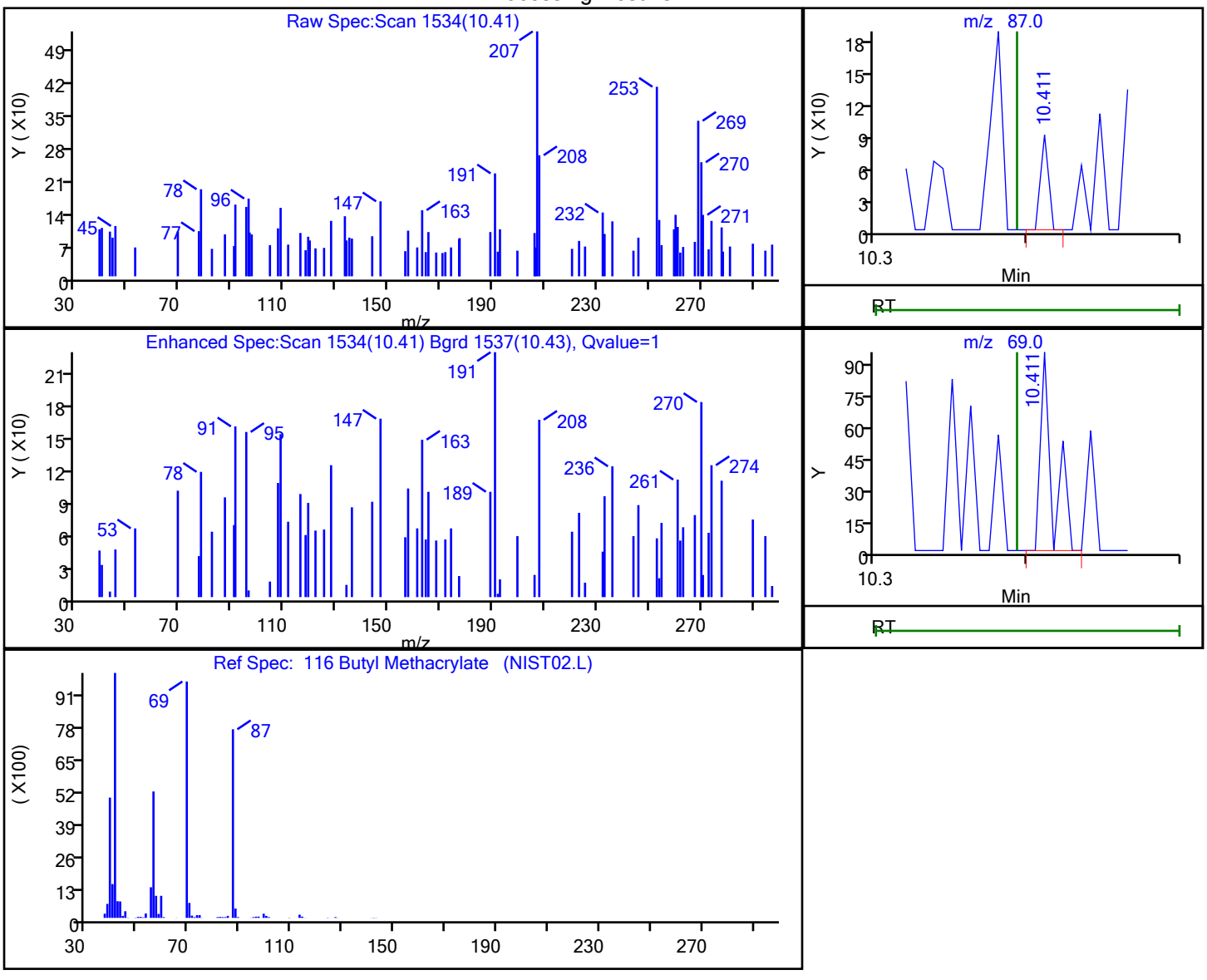
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

116 Butyl Methacrylate, CAS: 97-88-1

Processing Results



RT	Mass	Response	Amount
10.41	87.00	33	0.008939
10.41	69.00	54	

Reviewer: delpolitov, 31-Mar-2022 17:26:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

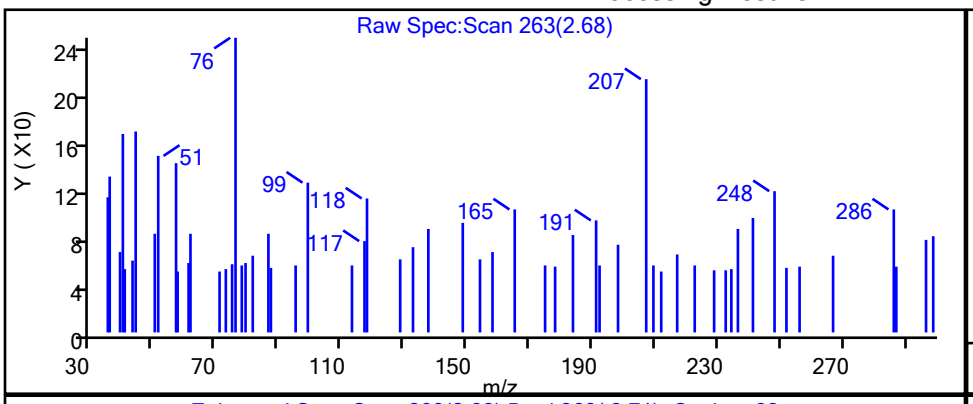
User Disabled Compound Report

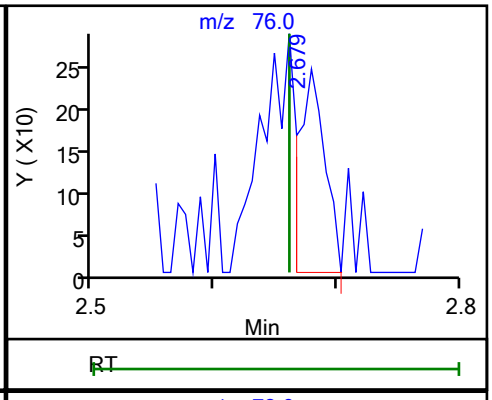
Eurofins Edison

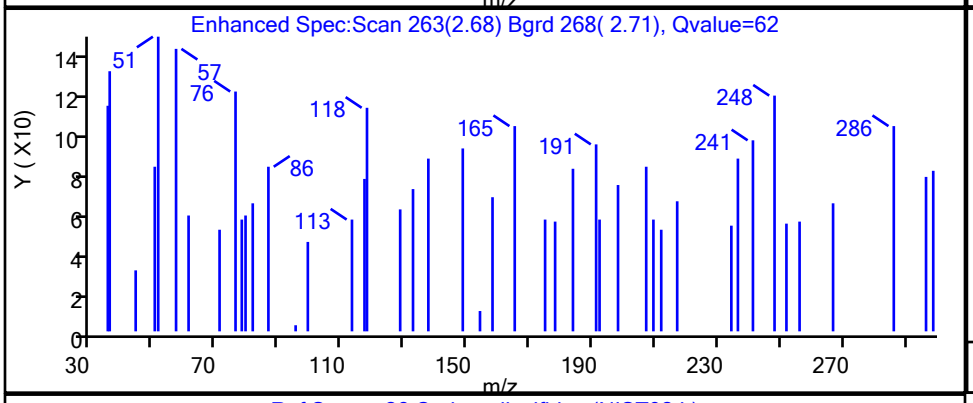
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

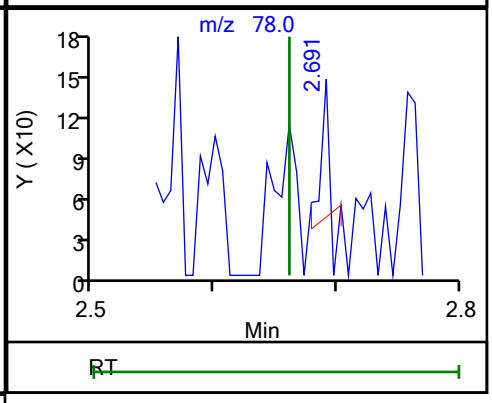
26 Carbon disulfide, CAS: 75-15-0

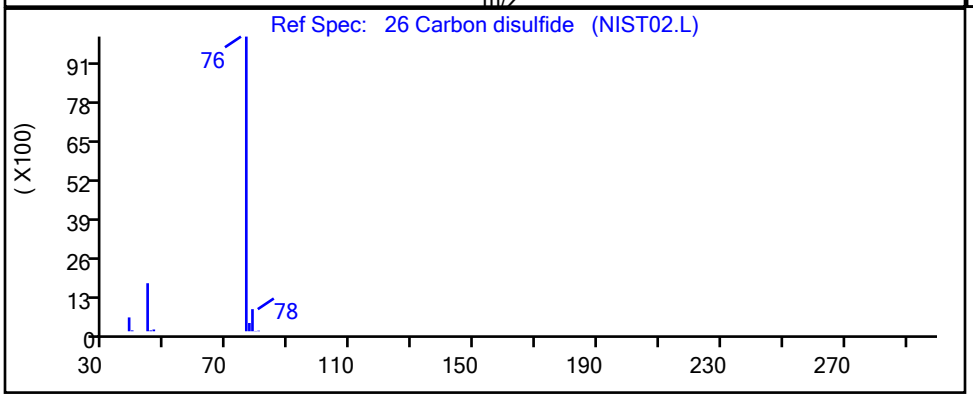
Processing Results











RT	Mass	Response	Amount
2.68	76.00	356	0.037685
2.69	78.00	34	

Reviewer: delpolitov, 31-Mar-2022 17:25:29
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

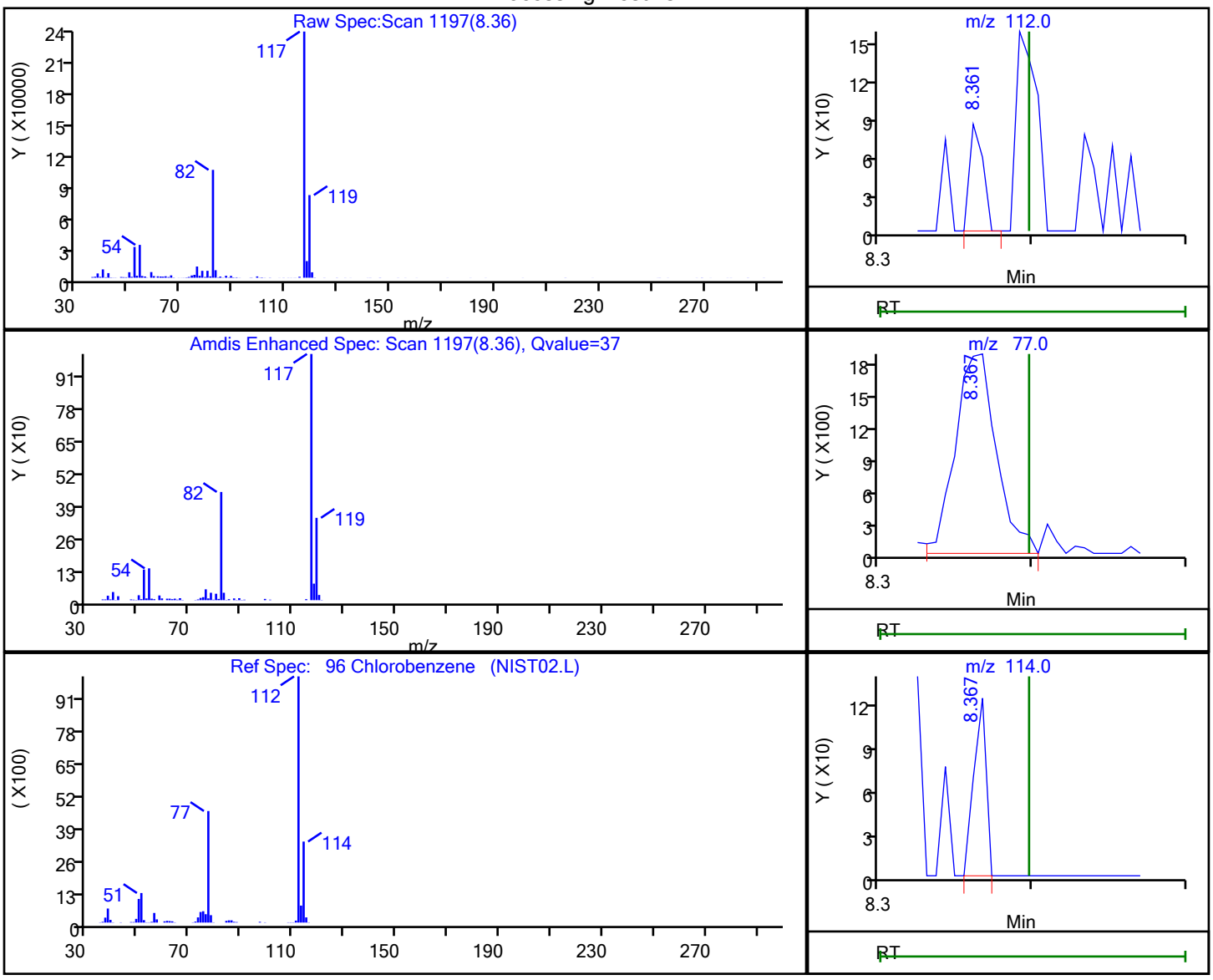
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

96 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
8.36	112.00	52	0.006071
8.37	77.00	3388	
8.37	114.00	69	

Reviewer: delpolitov, 31-Mar-2022 17:26:15
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

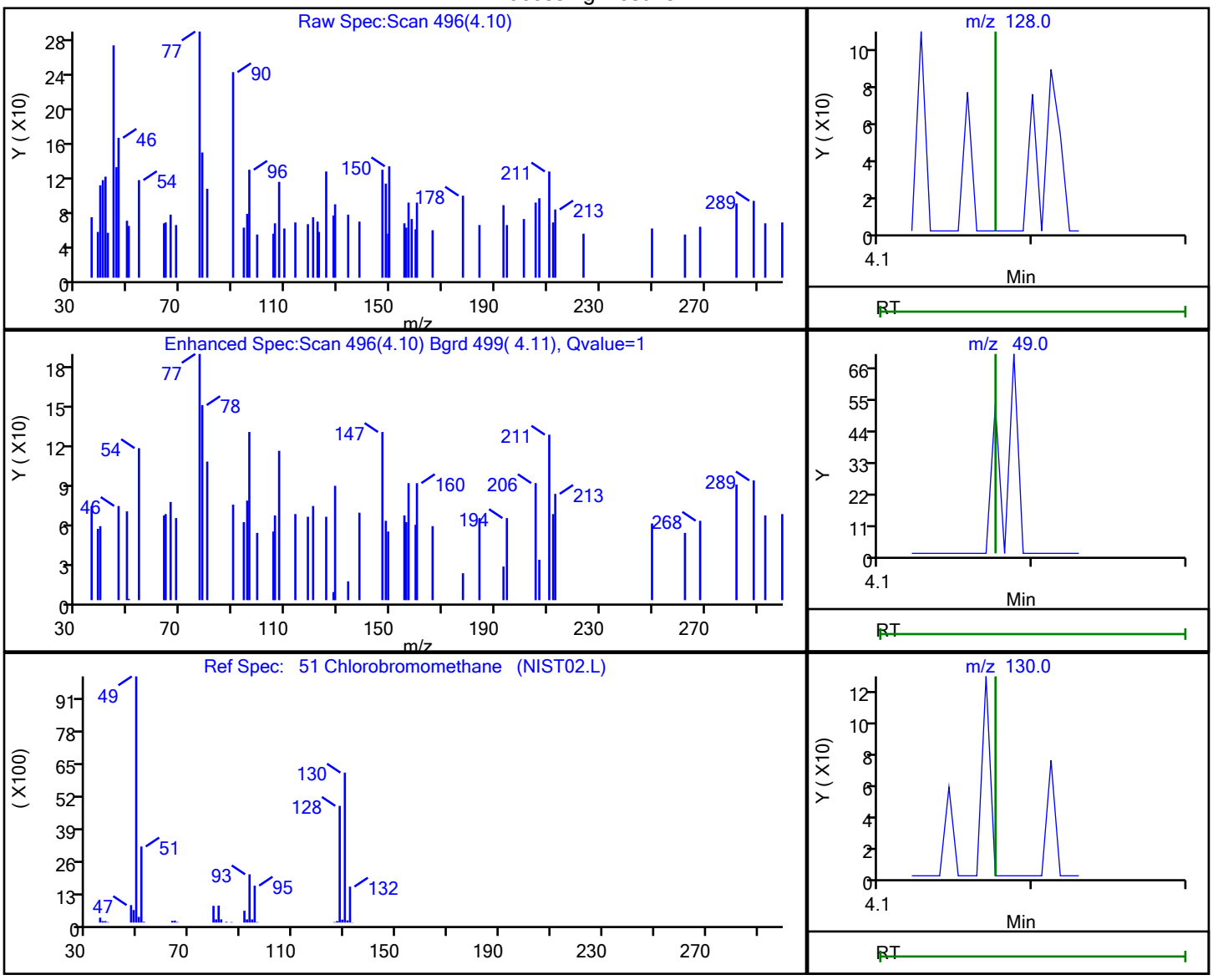
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

51 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
4.10	128.00	46	0.021143
4.10	49.00	43	
4.09	130.00	43	

Reviewer: delpolitov, 31-Mar-2022 17:25:53
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

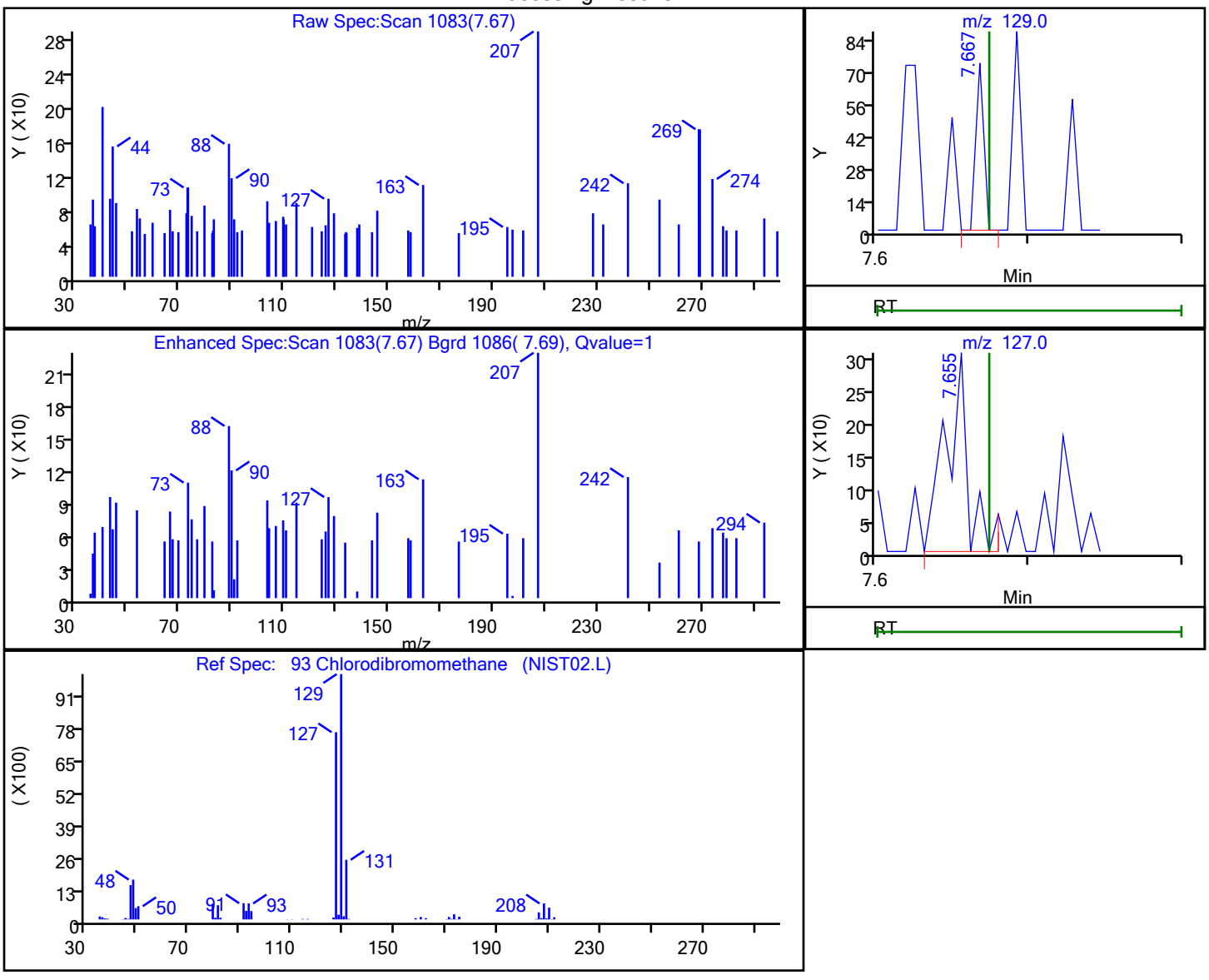
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

93 Chlorodibromomethane, CAS: 124-48-1

Processing Results



RT	Mass	Response	Amount
7.67	129.00	27	0.008401
7.66	127.00	312	

Reviewer: delpolitov, 31-Mar-2022 17:26:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

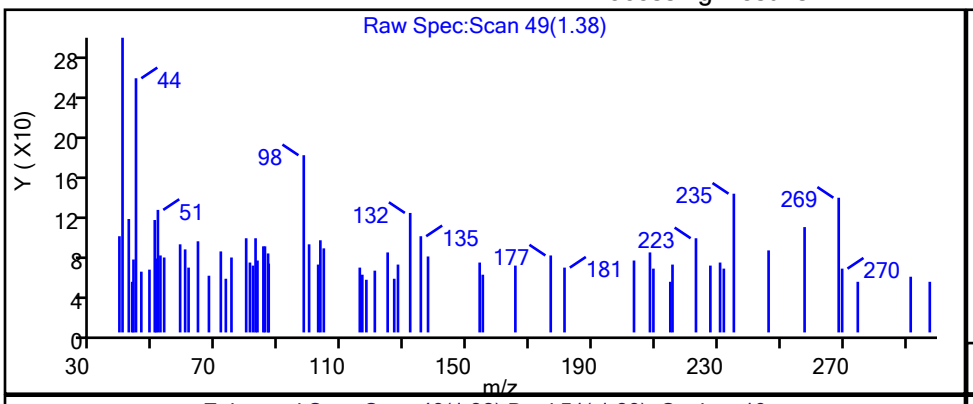
User Disabled Compound Report

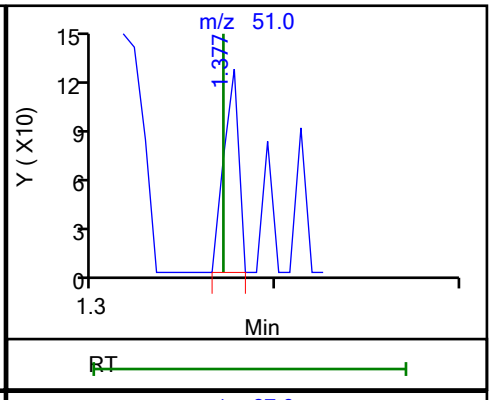
Eurofins Edison

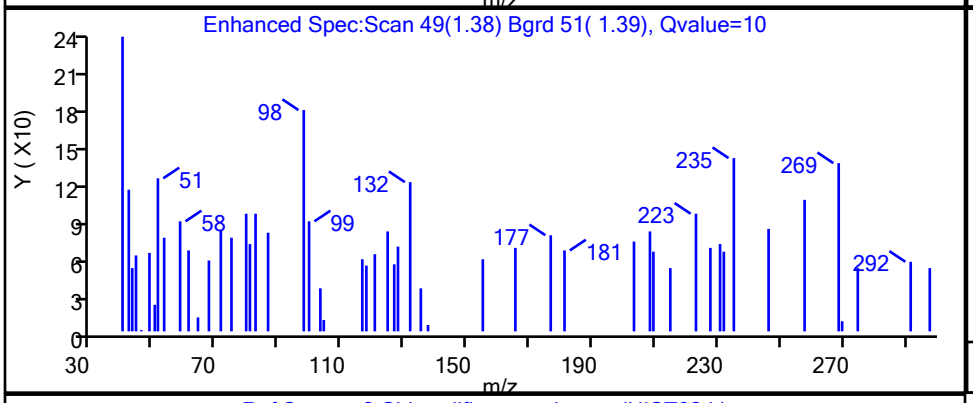
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

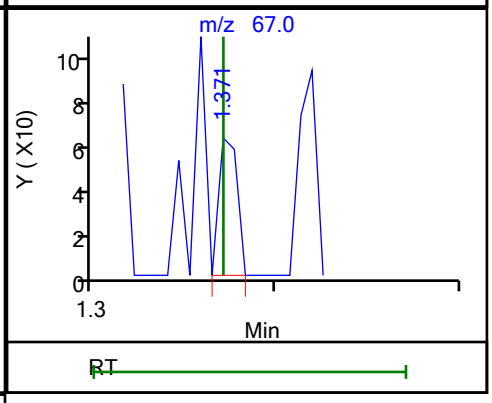
6 Chlorodifluoromethane, CAS: 75-45-6

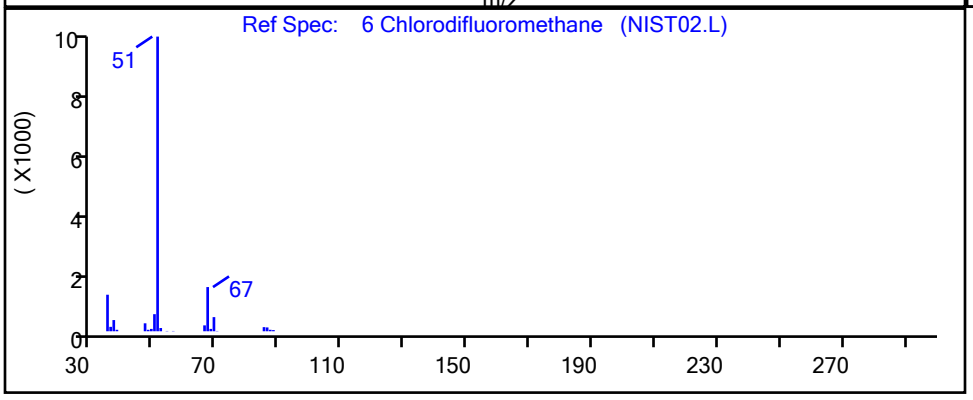
Processing Results











RT	Mass	Response	Amount
1.38	51.00	69	0.021903
1.37	67.00	43	

Reviewer: delpolitov, 31-Mar-2022 17:24:37
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

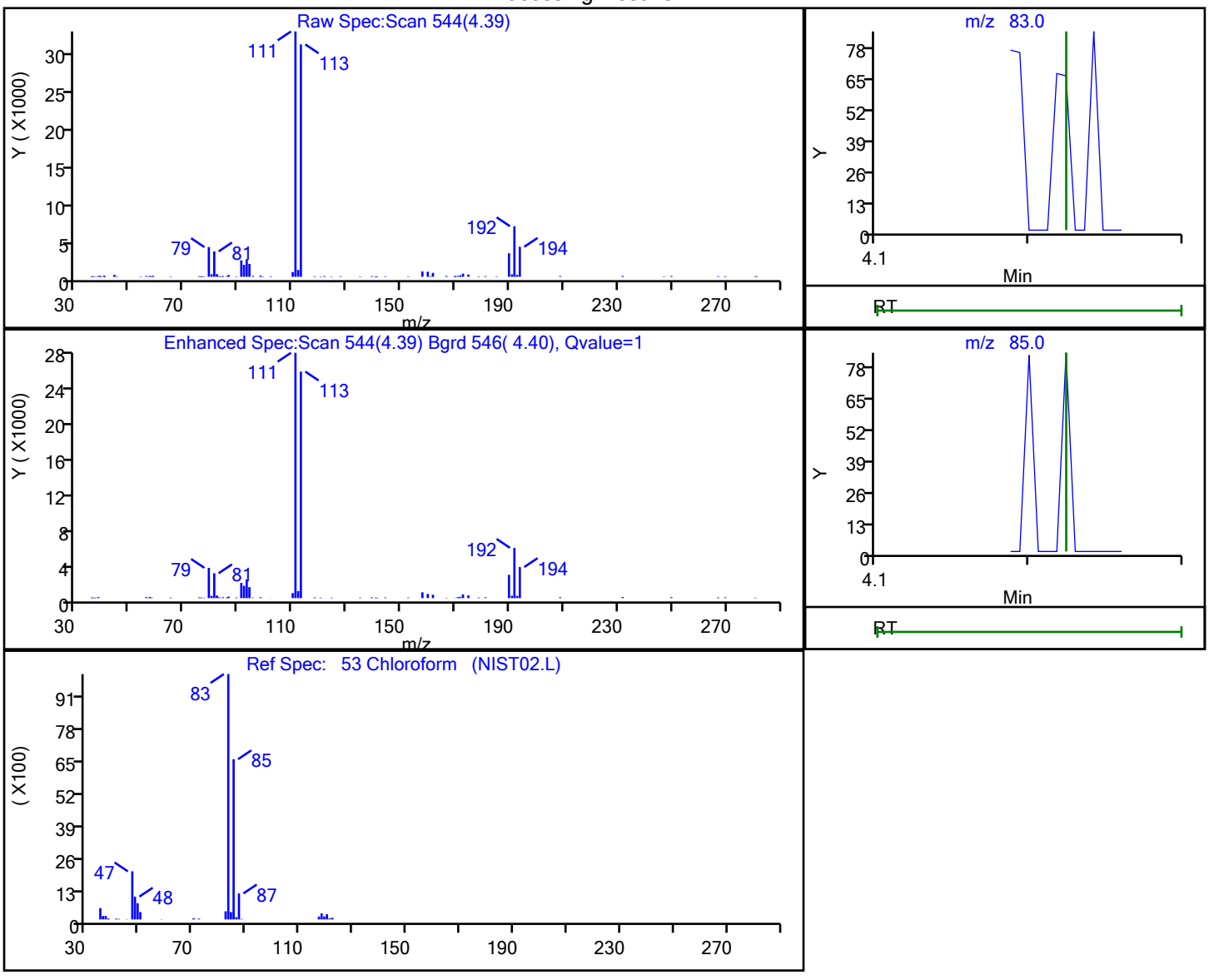
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

53 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
4.39	83.00	49	0.008999
4.39	85.00	44	

Reviewer: delpolitov, 31-Mar-2022 17:25:53
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

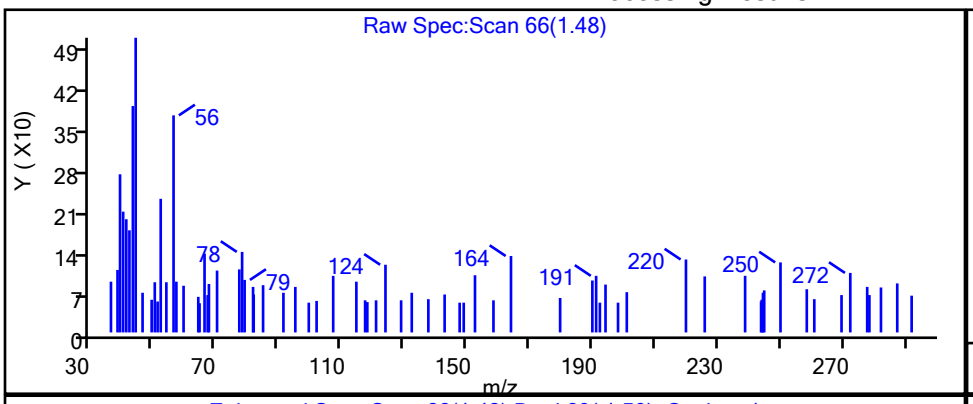
User Disabled Compound Report

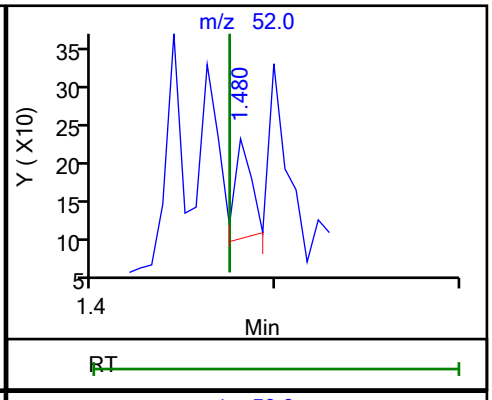
Eurofins Edison

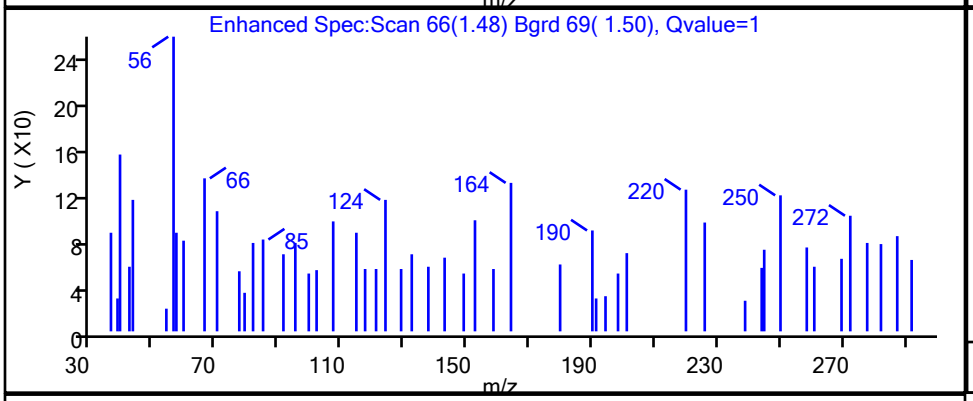
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

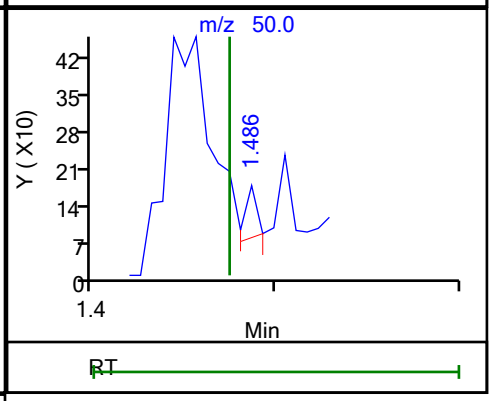
7 Chloromethane, CAS: 74-87-3

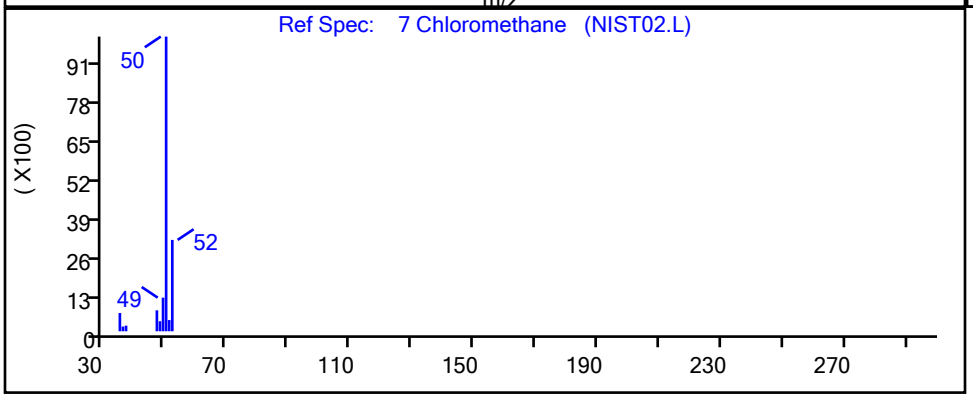
Processing Results











RT	Mass	Response	Amount
1.48	52.00	84	0.134184
1.49	50.00	44	

Reviewer: delpolitov, 31-Mar-2022 17:24:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

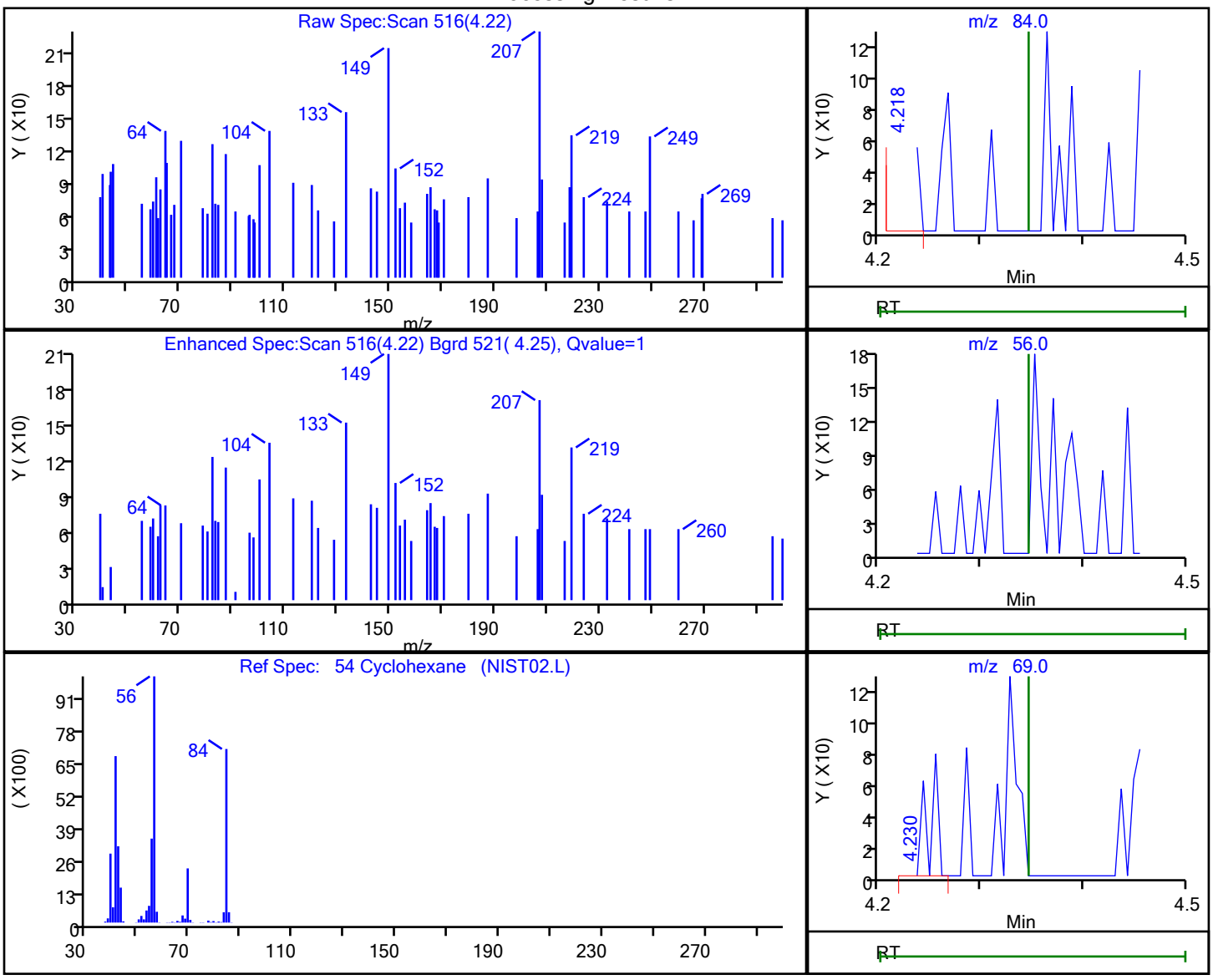
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

54 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
4.22	84.00	67	0.020780
4.21	56.00	53	
4.23	69.00	92	

Reviewer: delpolitov, 31-Mar-2022 17:25:53
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

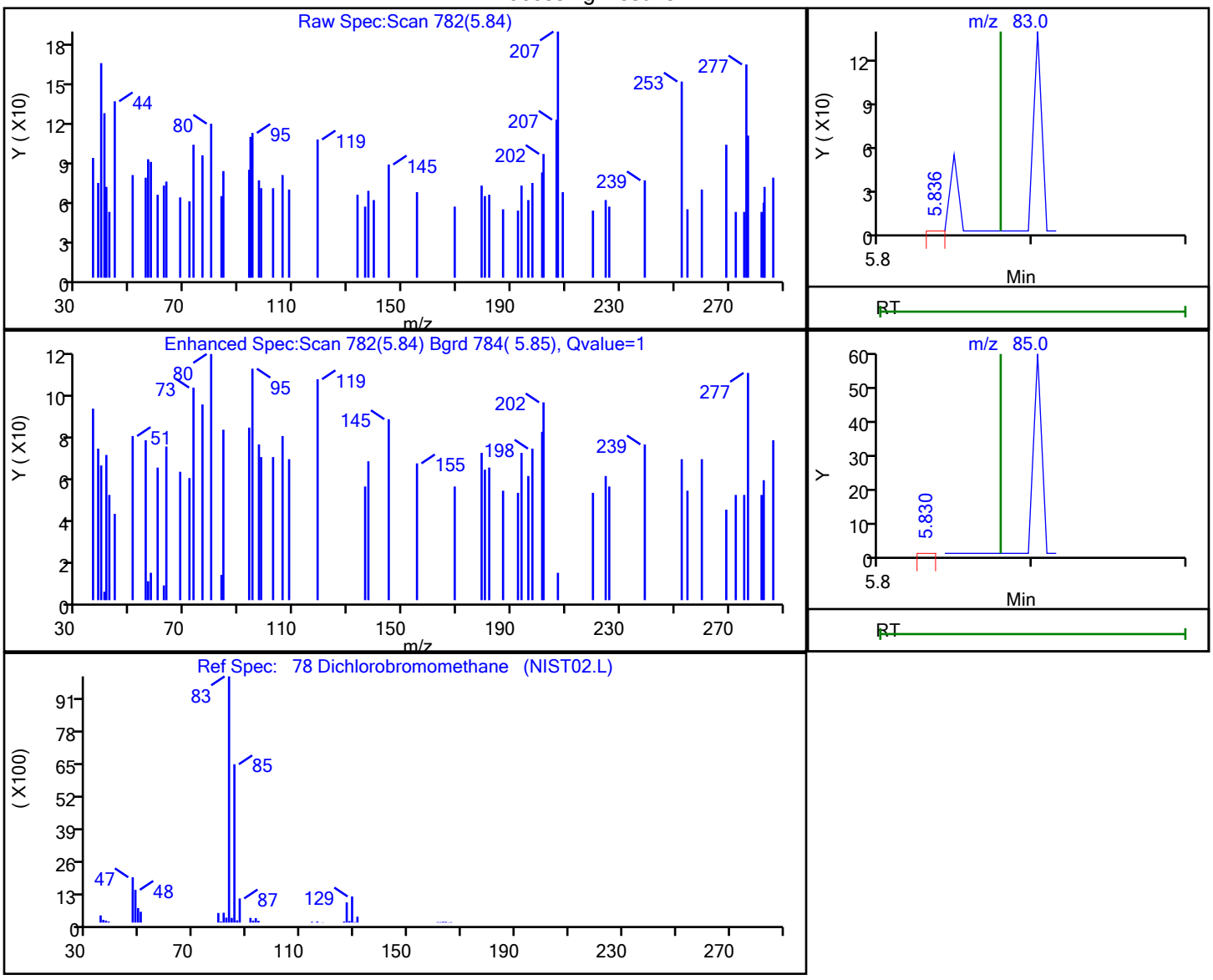
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

78 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
5.84	83.00	23	0.005813
5.83	85.00	32	

Reviewer: delpolitov, 31-Mar-2022 17:25:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

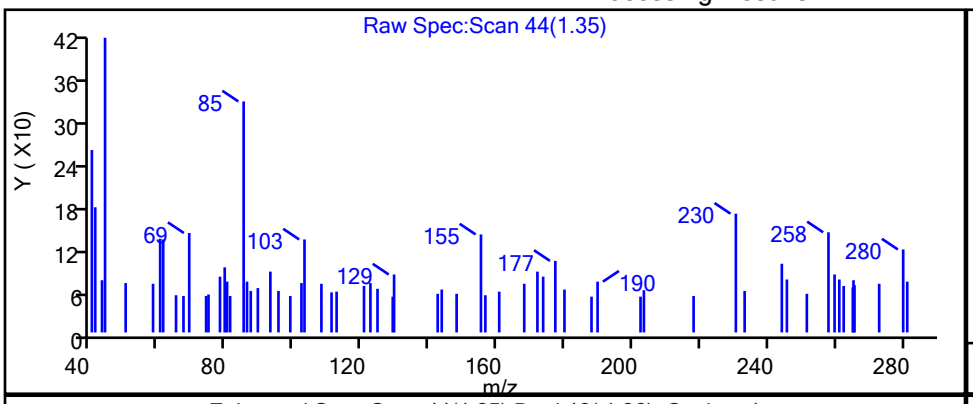
User Disabled Compound Report

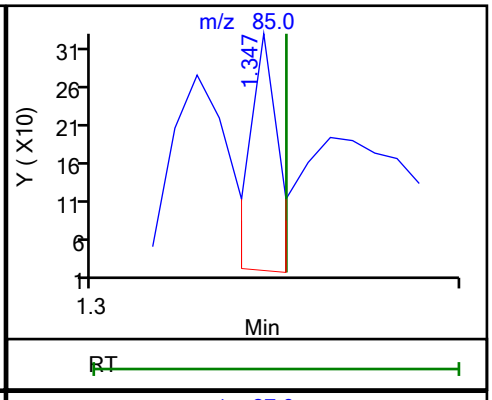
Eurofins Edison

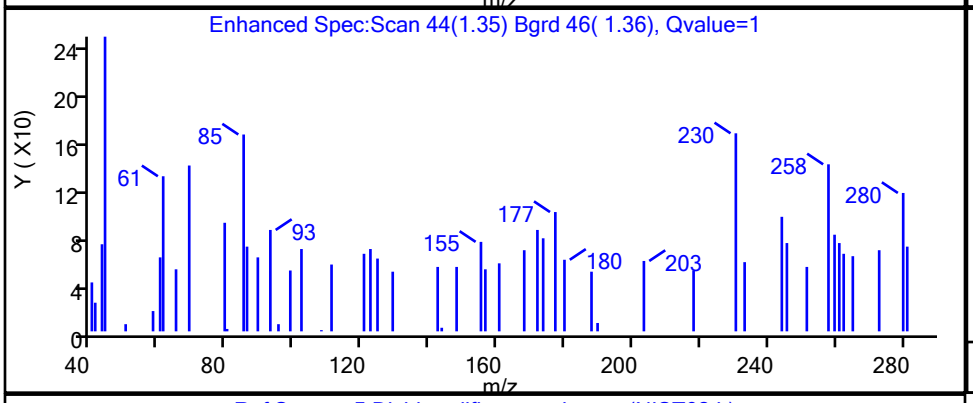
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

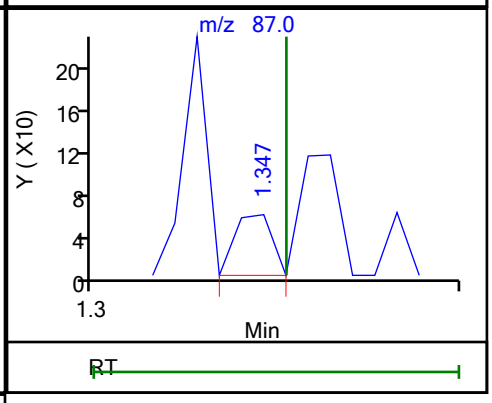
5 Dichlorodifluoromethane, CAS: 75-71-8

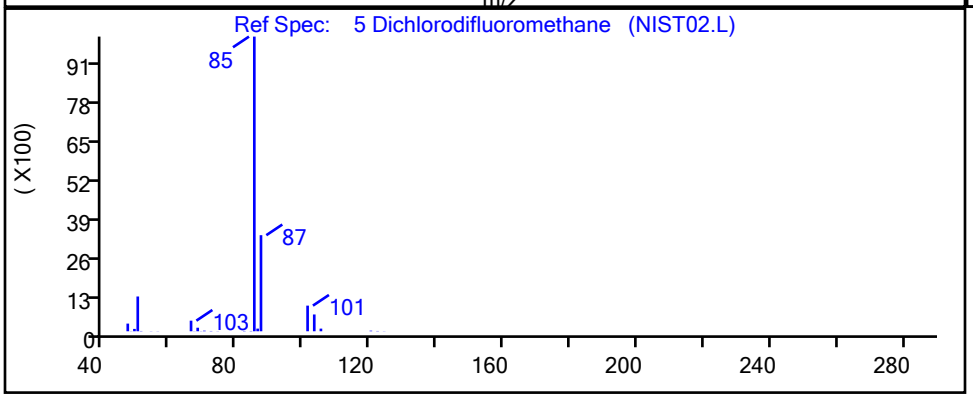
Processing Results











RT	Mass	Response	Amount
1.35	85.00	178	0.052496
1.35	87.00	41	

Reviewer: delpolitov, 31-Mar-2022 17:24:58
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

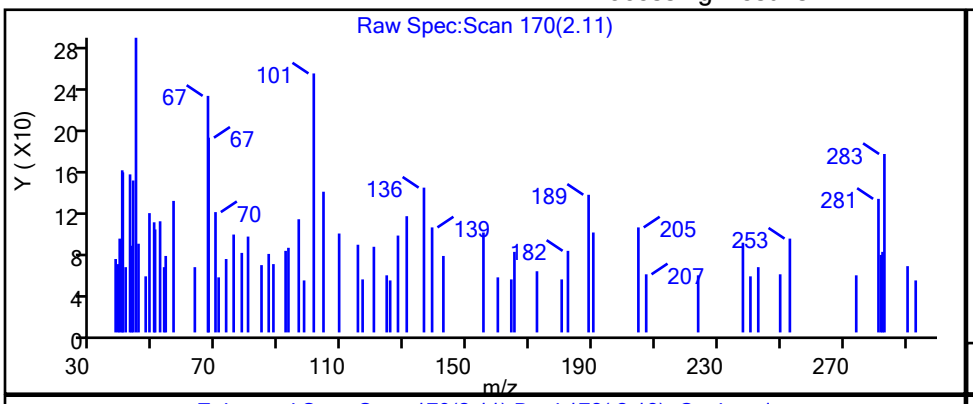
User Disabled Compound Report

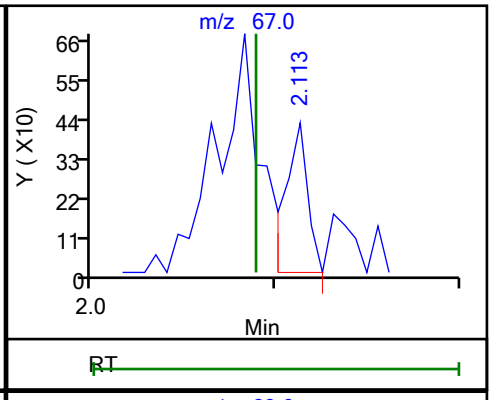
Eurofins Edison

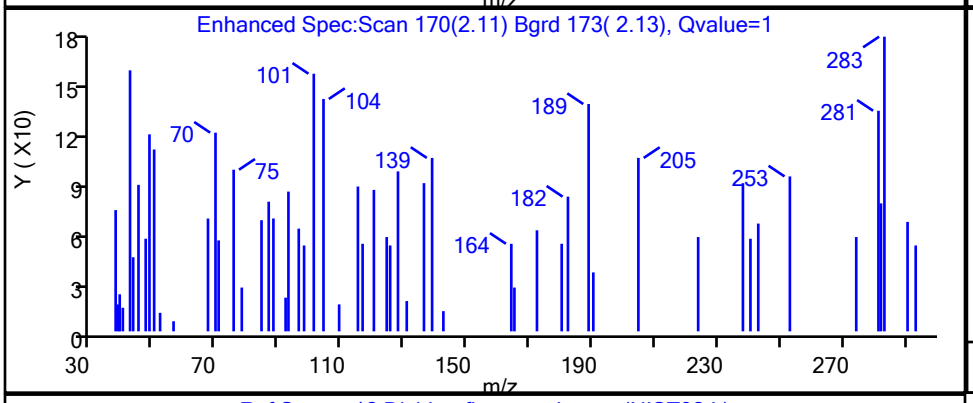
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

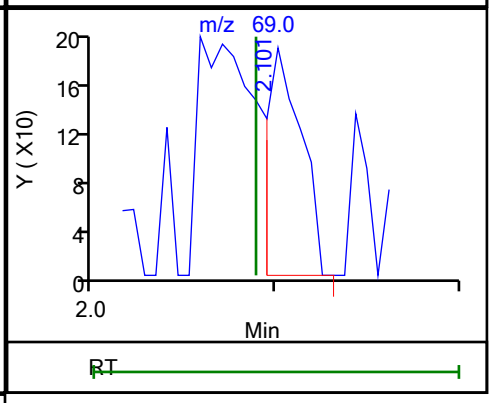
12 Dichlorofluoromethane, CAS: 75-43-4

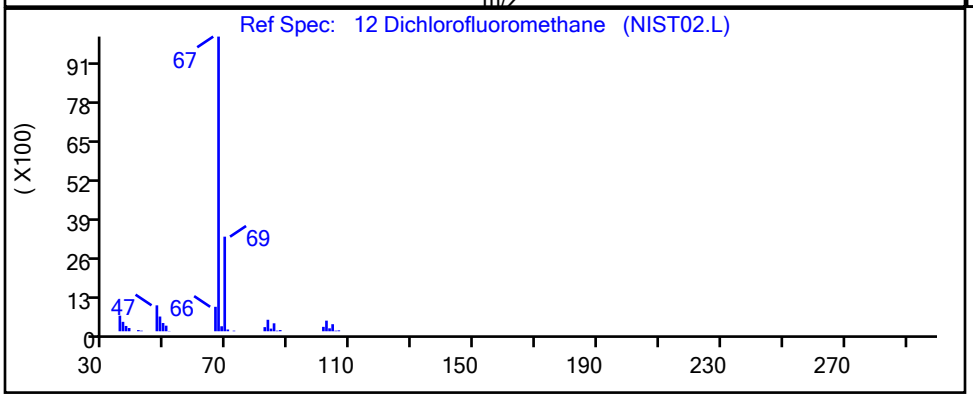
Processing Results











RT	Mass	Response	Amount
2.11	67.00	363	0.077340
2.10	69.00	241	

Reviewer: delpolitov, 31-Mar-2022 17:25:04
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

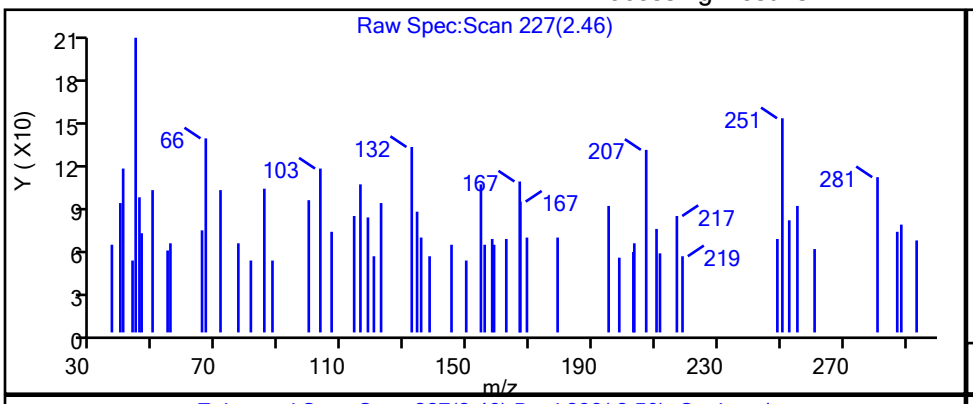
User Disabled Compound Report

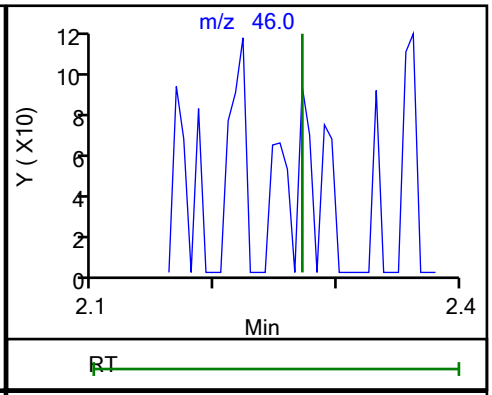
Eurofins Edison

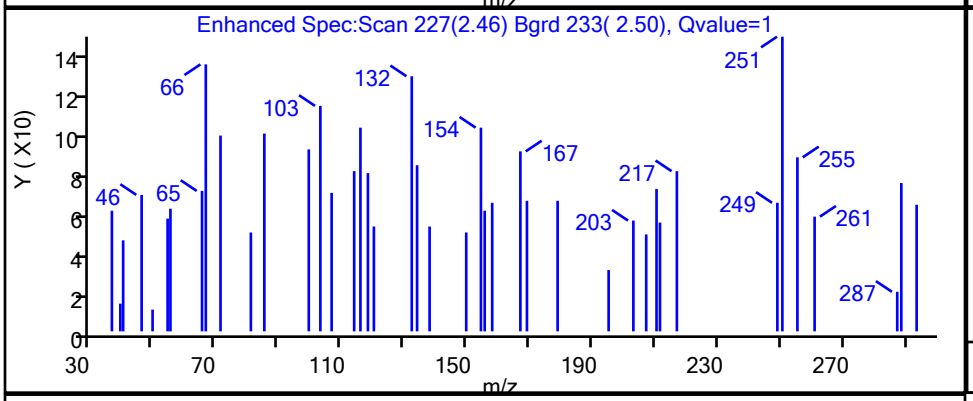
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

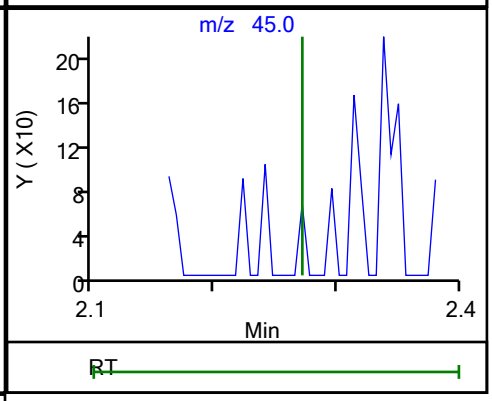
15 Ethanol, CAS: 64-17-5

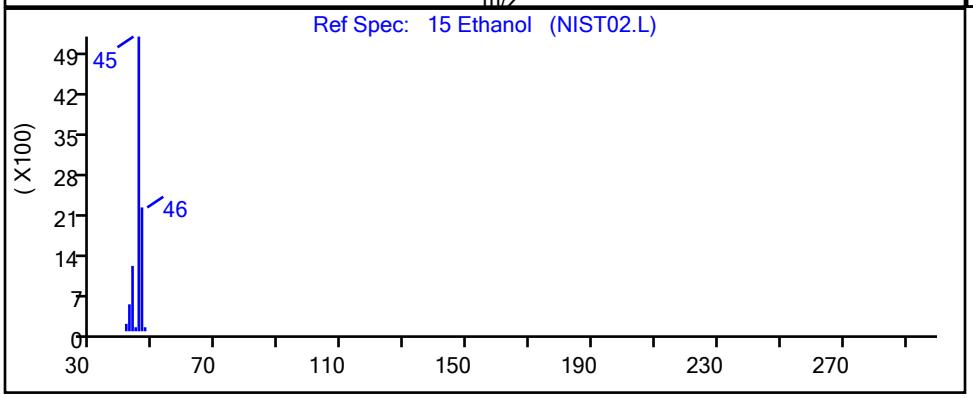
Processing Results











RT	Mass	Response	Amount
2.46	46.00	49	4.514045
2.45	45.00	130	

Reviewer: delpolitov, 31-Mar-2022 17:25:07
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

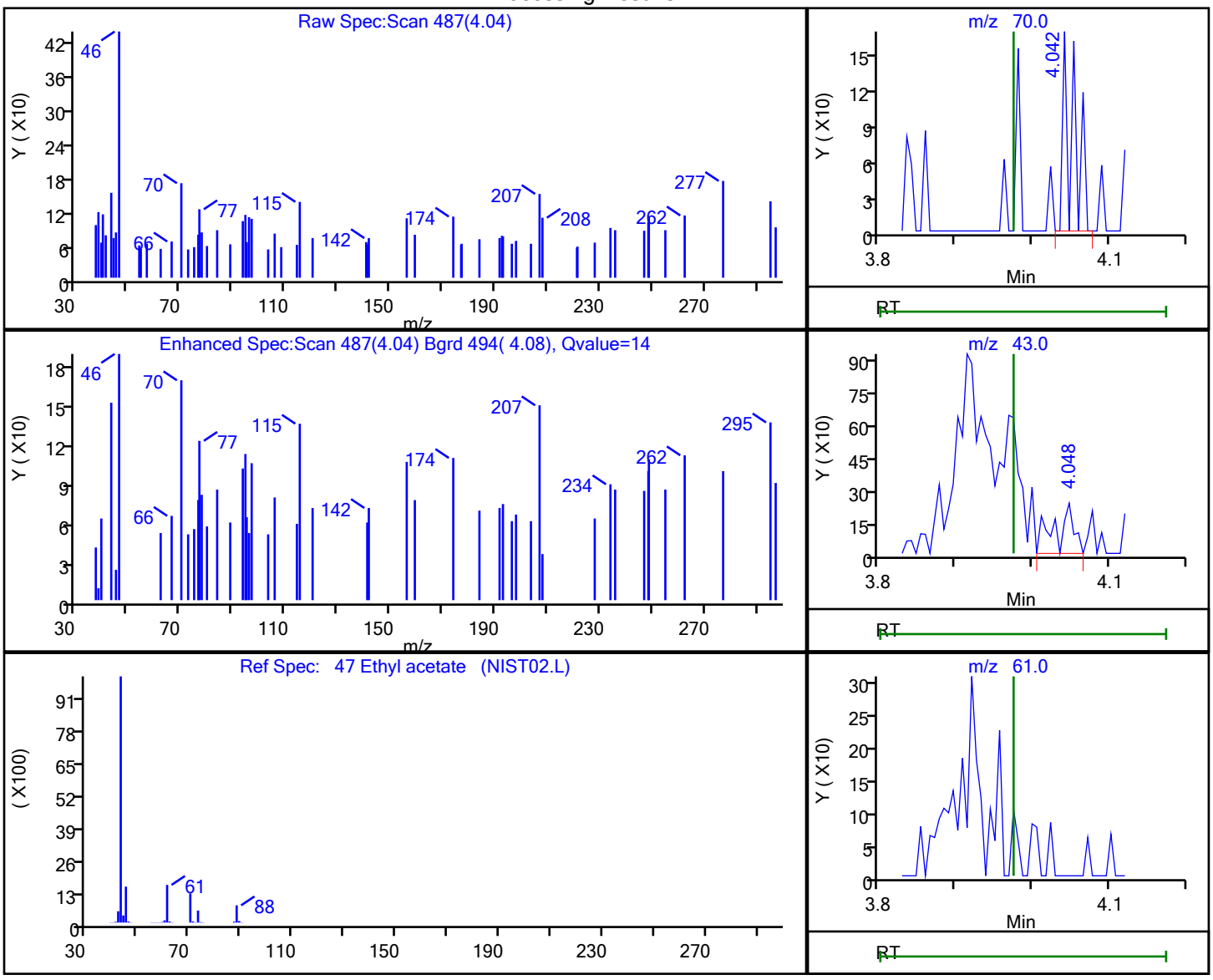
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
4.04	70.00	161	0.542273
4.05	43.00	395	
3.97	61.00	0	

Reviewer: delpolitov, 31-Mar-2022 17:25:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

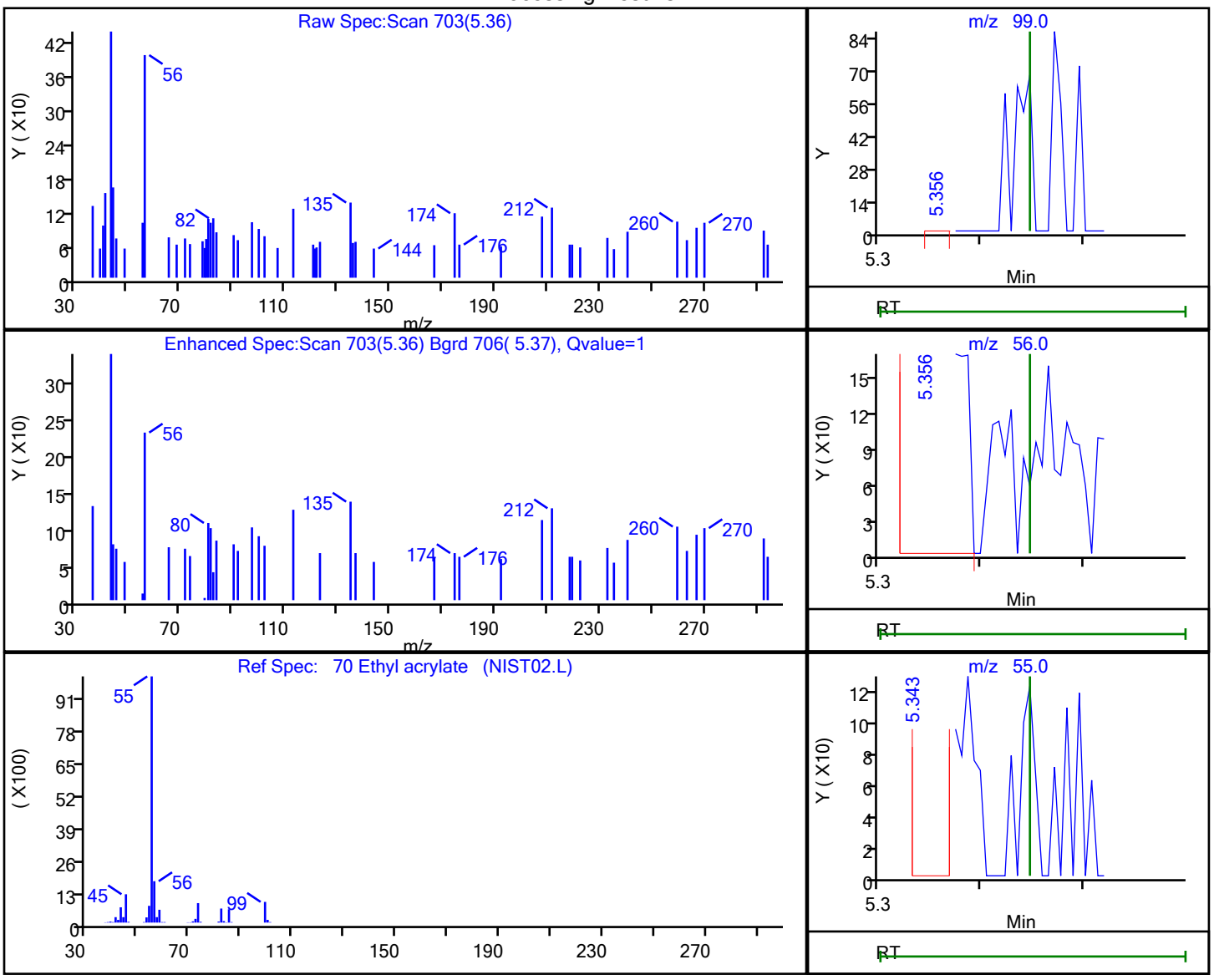
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
5.36	99.00	32	0.074960
5.36	56.00	918	
5.34	55.00	100	

Reviewer: delpolitov, 31-Mar-2022 17:25:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

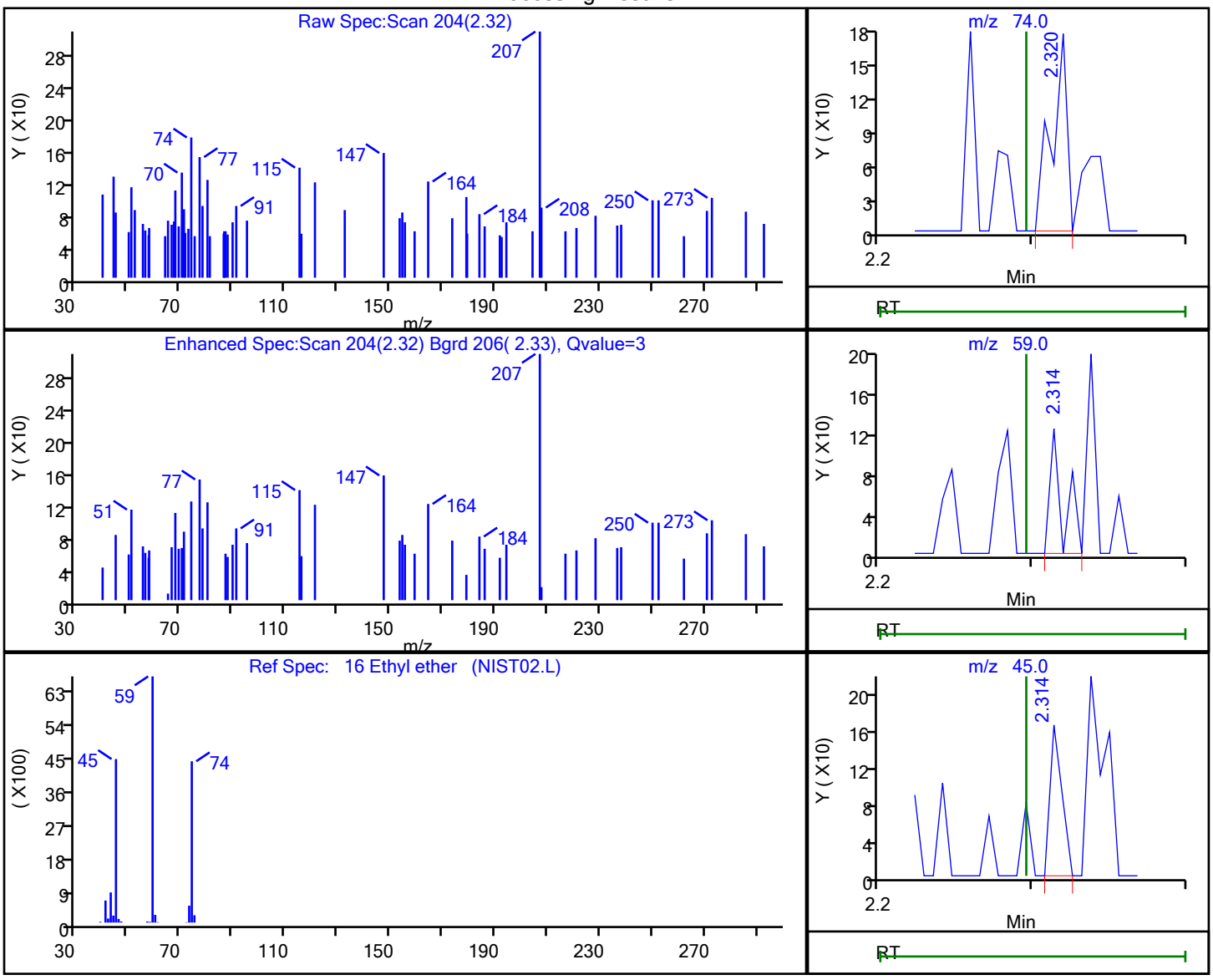
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
2.32	74.00	119	0.073620
2.31	59.00	74	
2.31	45.00	89	

Reviewer: delpolitov, 31-Mar-2022 17:25:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

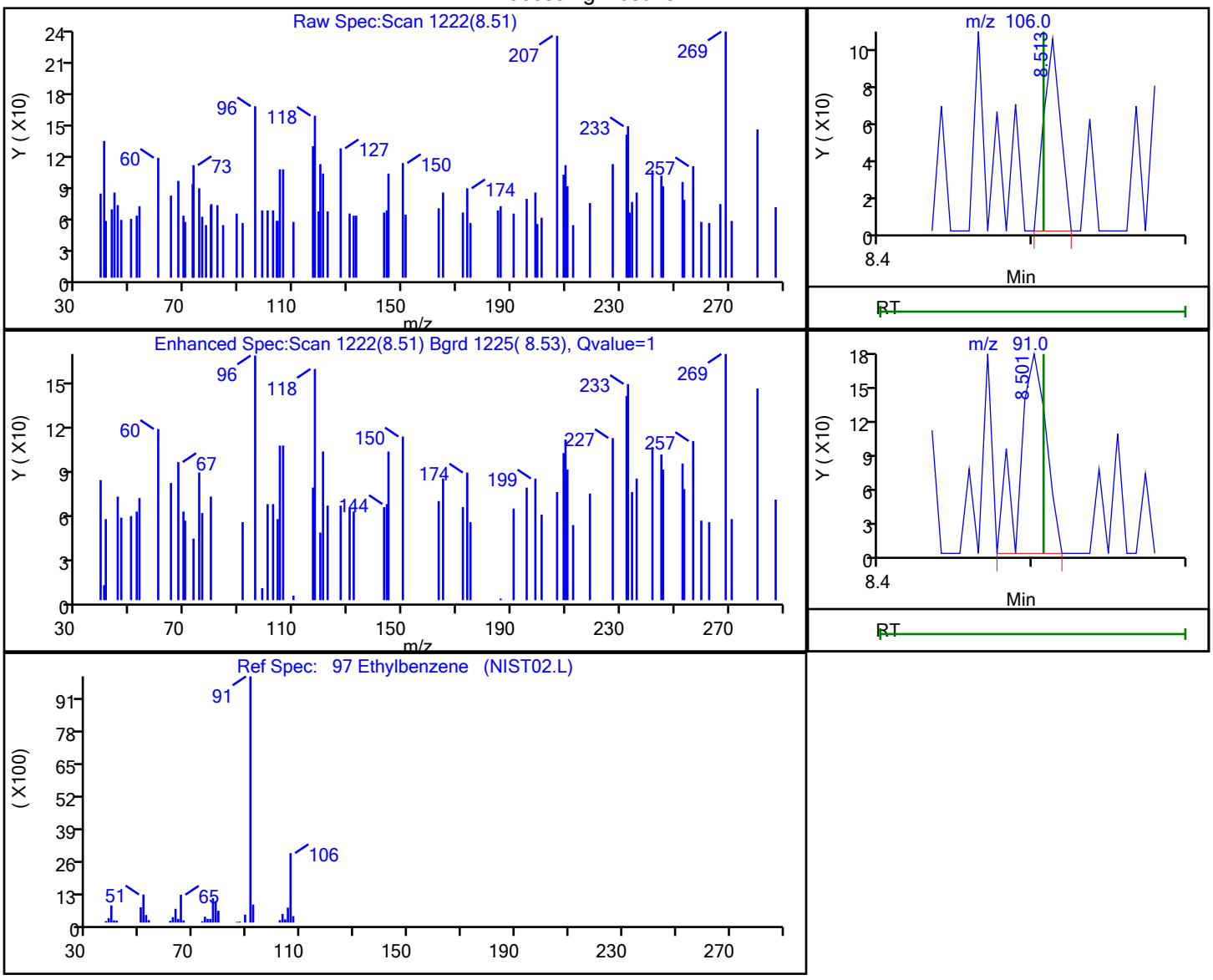
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

97 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
8.51	106.00	78	0.018783
8.50	91.00	213	

Reviewer: delpolitov, 31-Mar-2022 17:26:15
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

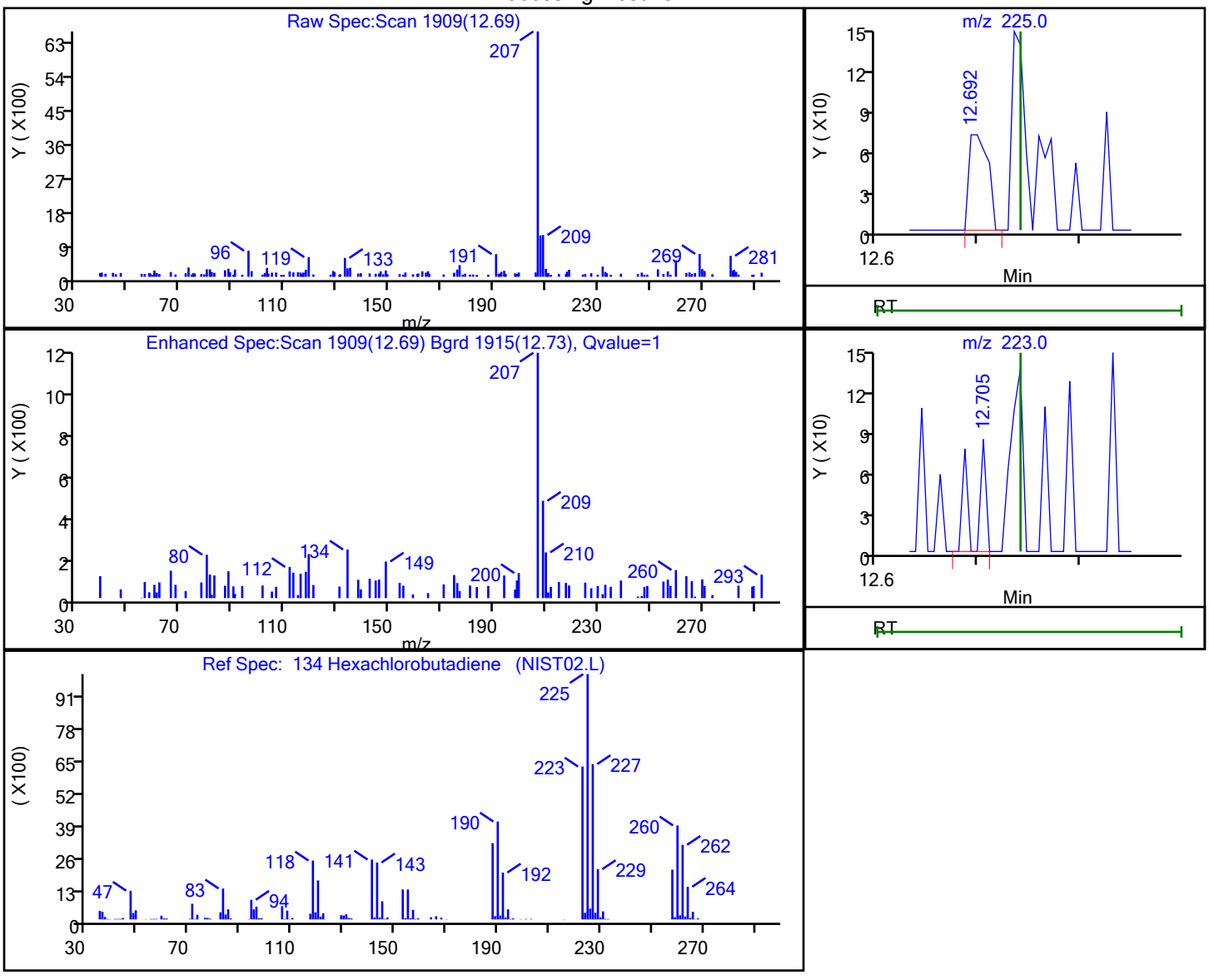
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

134 Hexachlorobutadiene, CAS: 87-68-3

Processing Results



RT	Mass	Response	Amount
12.69	225.00	92	0.112255
12.70	223.00	58	

Reviewer: delpolitov, 31-Mar-2022 17:26:18
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

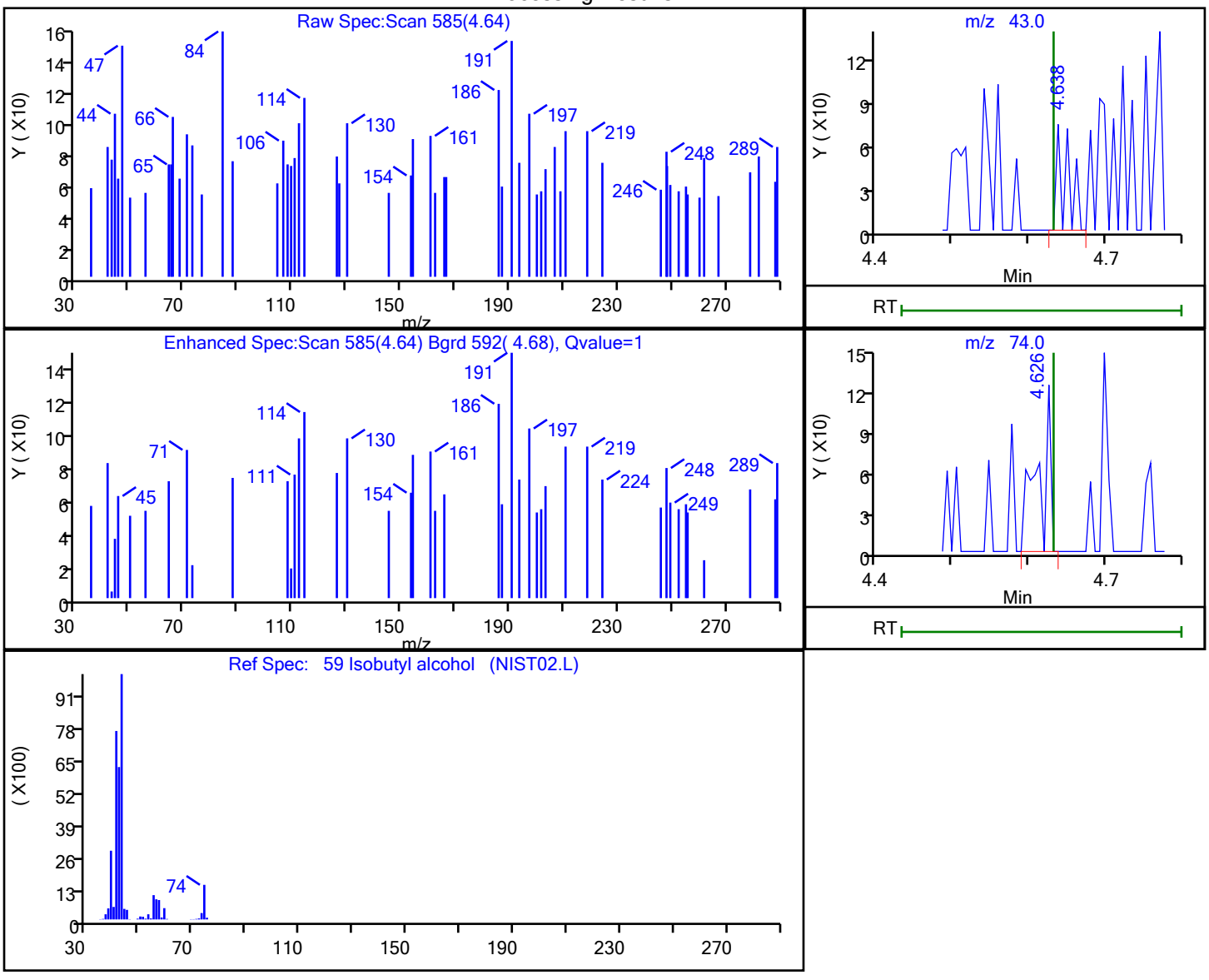
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
4.64	43.00	71	0.754291
4.63	74.00	132	

Reviewer: delpolitov, 31-Mar-2022 17:25:54
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

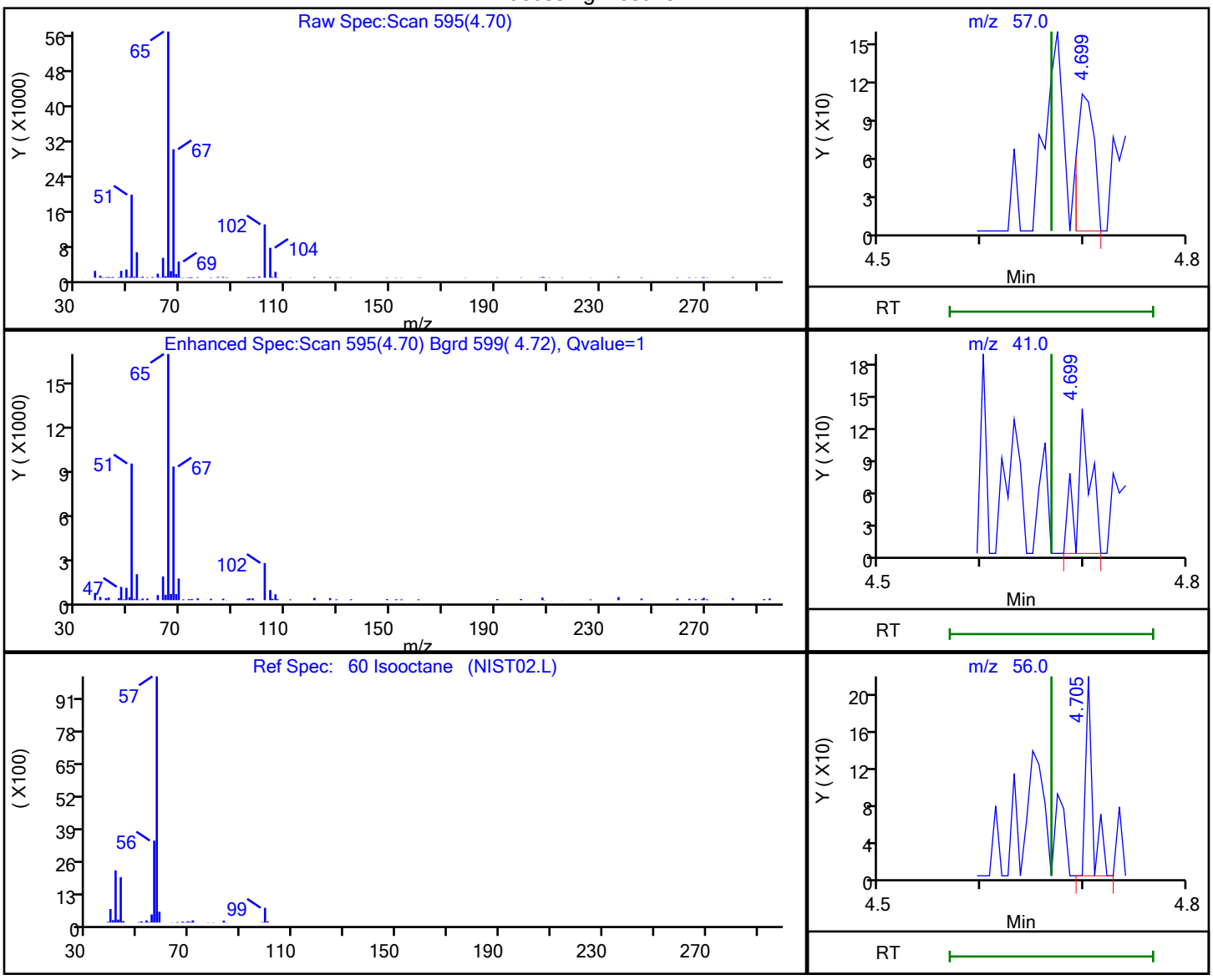
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

60 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
4.70	57.00	121	0.047024
4.70	41.00	124	
4.70	56.00	104	

Reviewer: delpolitov, 31-Mar-2022 17:25:54
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

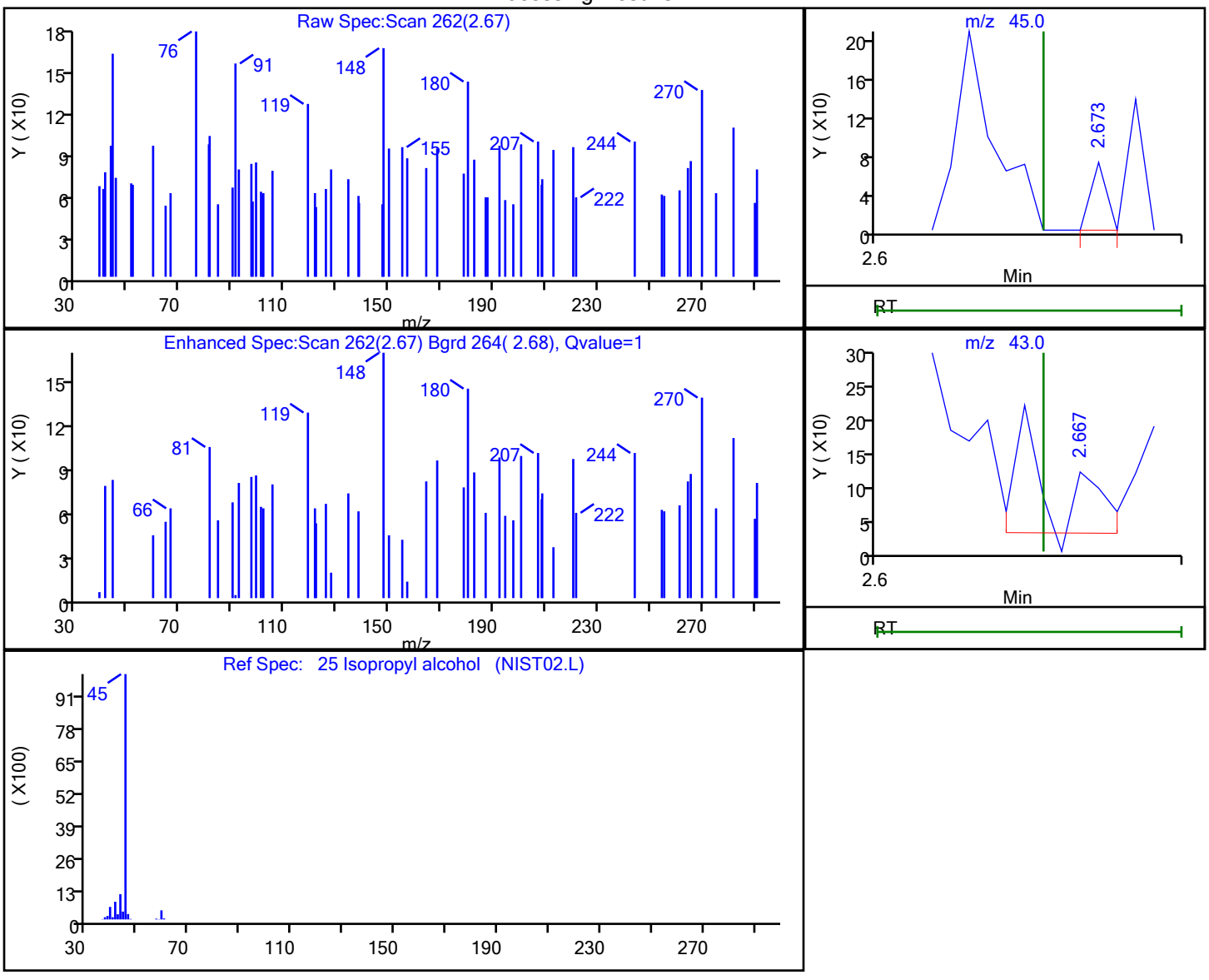
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
2.67	45.00	26	0.221005
2.67	43.00	159	

Reviewer: delpolitov, 31-Mar-2022 17:25:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

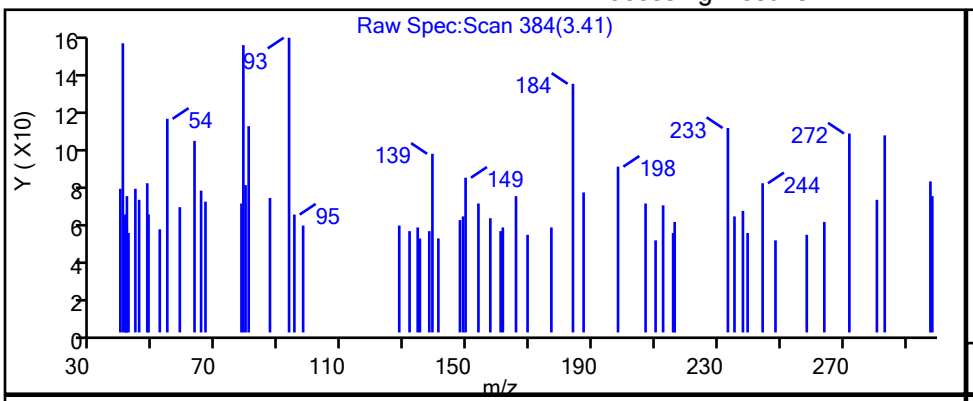
User Disabled Compound Report

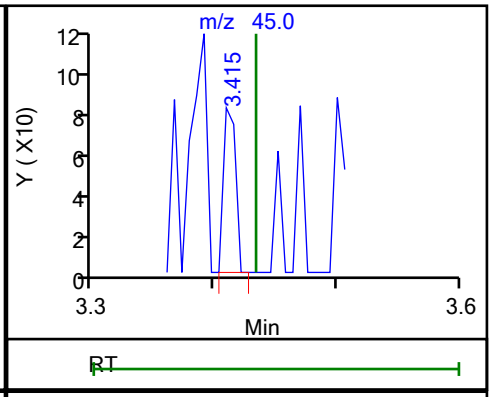
Eurofins Edison

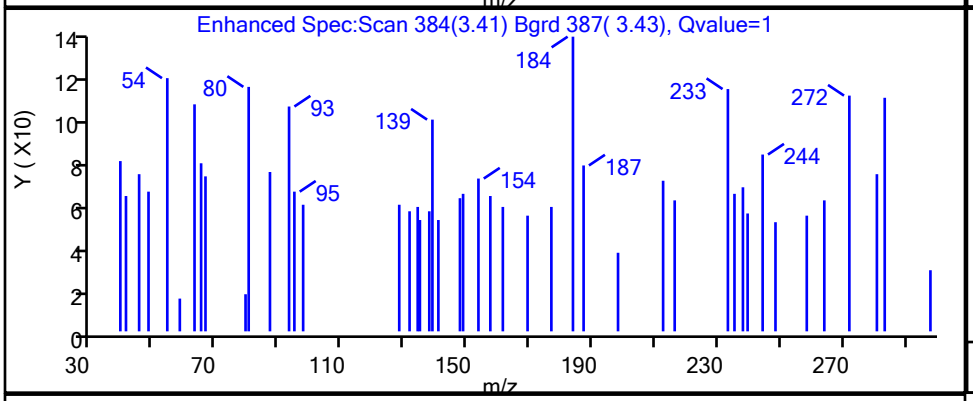
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

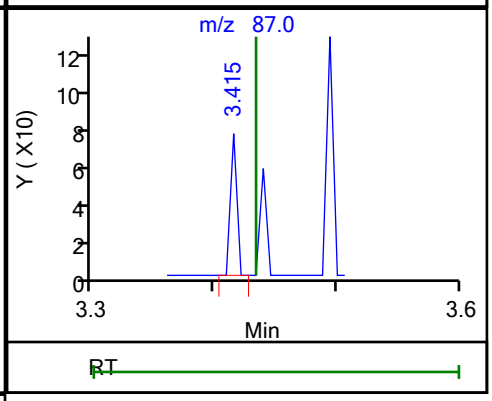
38 Isopropyl ether, CAS: 108-20-3

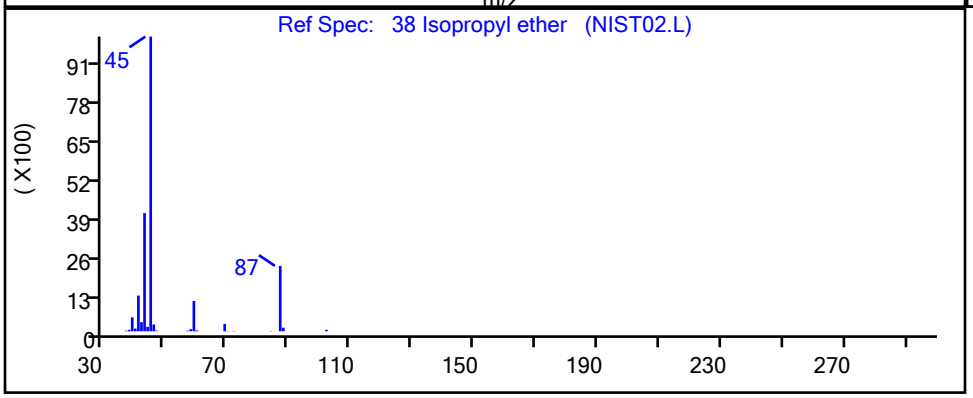
Processing Results











RT	Mass	Response	Amount
3.41	45.00	55	0.008141
3.41	87.00	27	

Reviewer: delpolitov, 31-Mar-2022 17:25:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

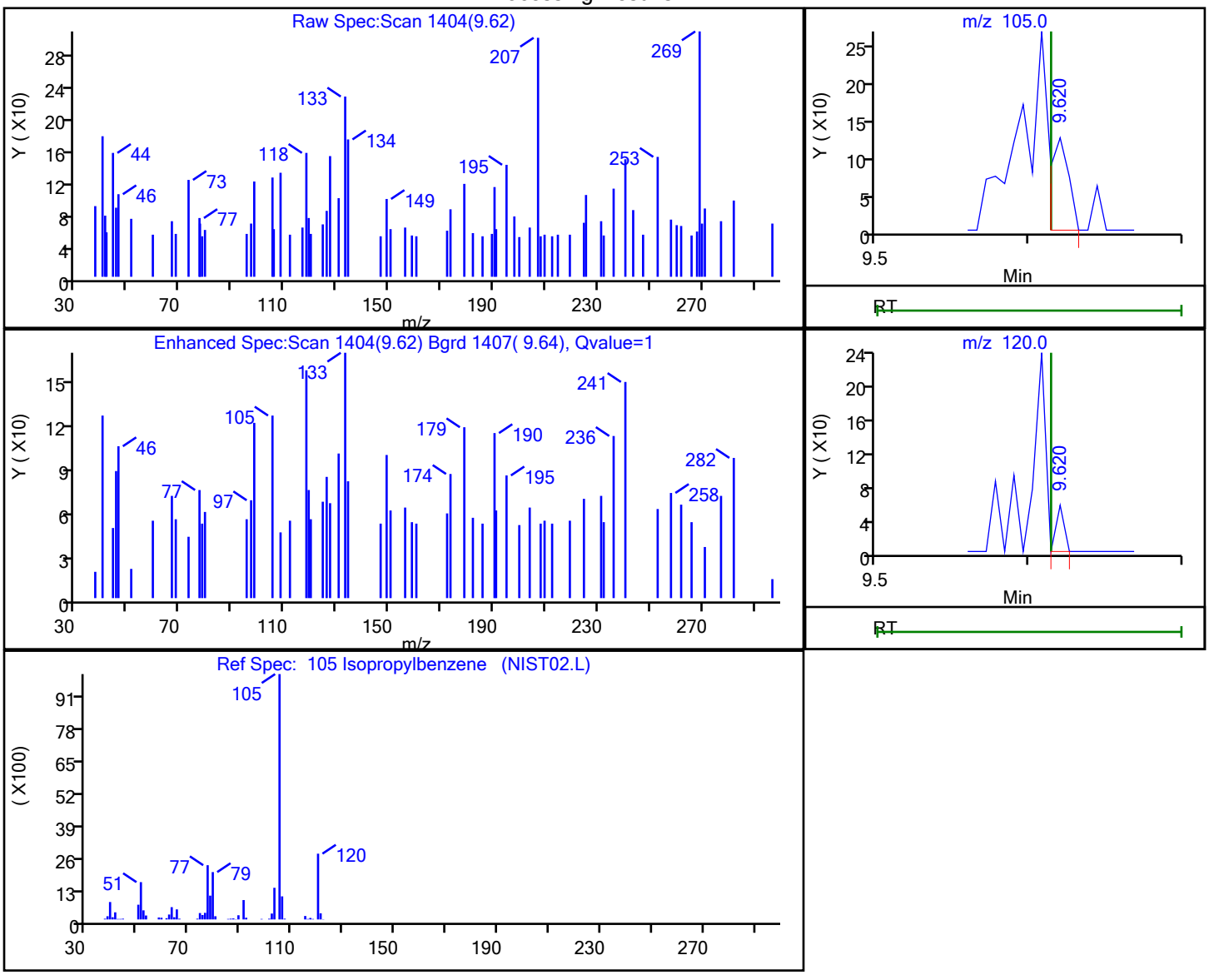
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

105 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
9.62	105.00	104	0.008961
9.62	120.00	20	

Reviewer: delpolitov, 31-Mar-2022 17:26:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

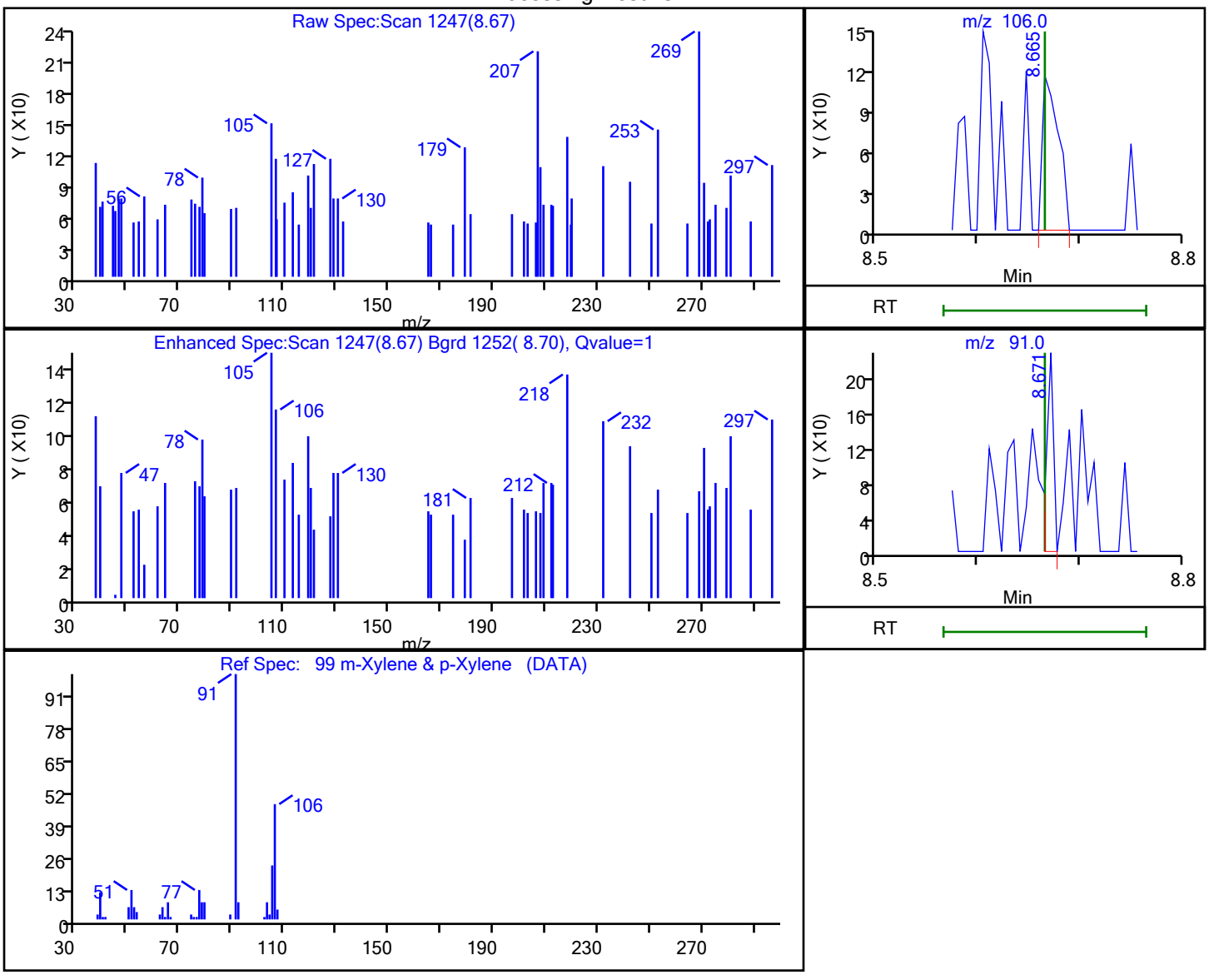
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
8.67	106.00	124	0.025233
8.67	91.00	107	

Reviewer: delpolitov, 31-Mar-2022 17:26:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

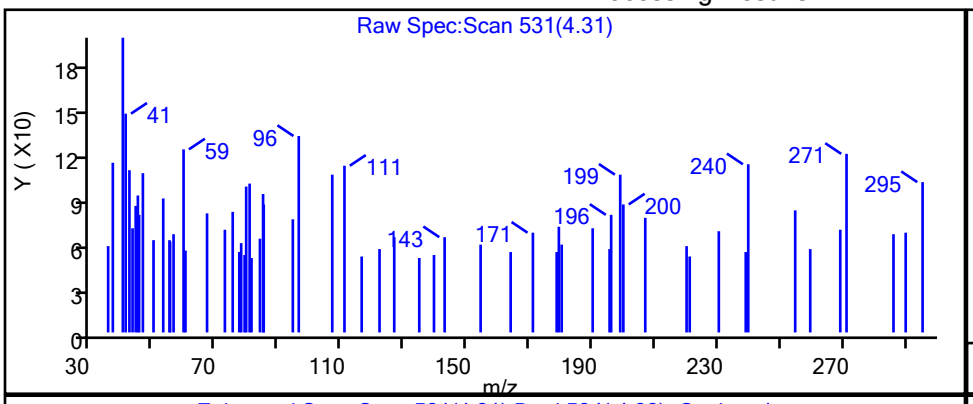
User Disabled Compound Report

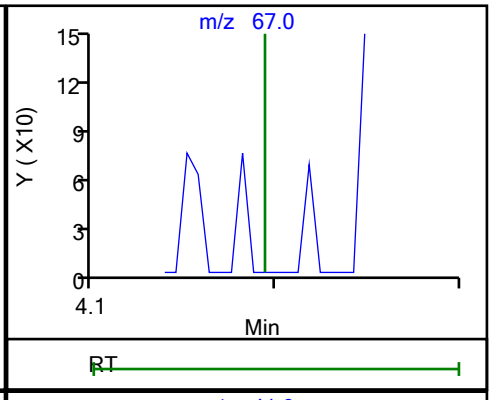
Eurofins Edison

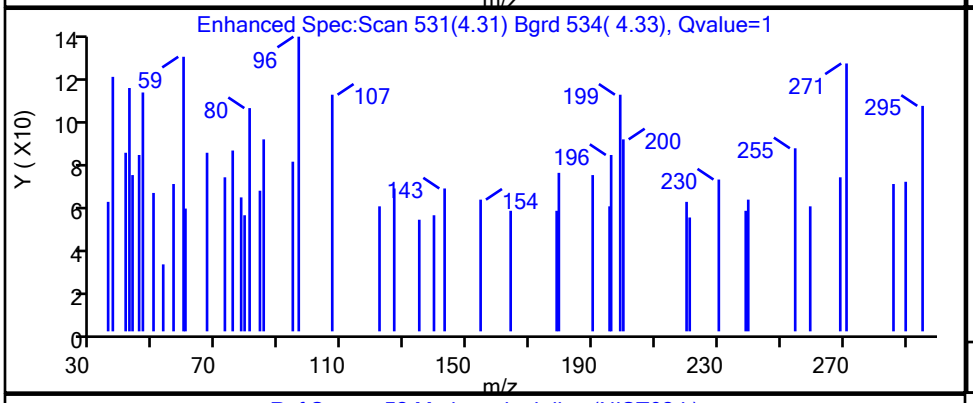
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

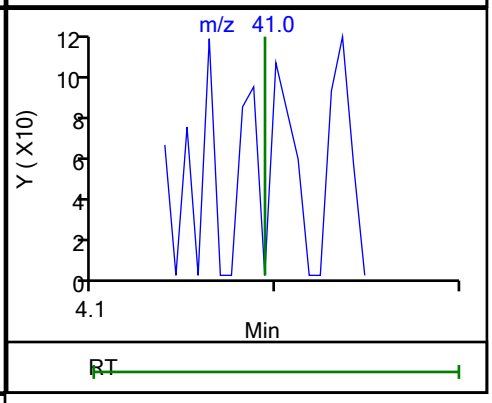
52 Methacrylonitrile, CAS: 126-98-7

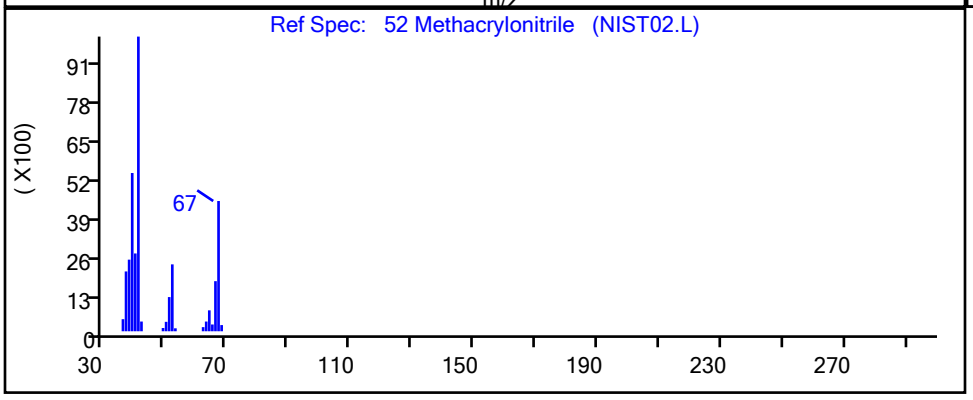
Processing Results











RT	Mass	Response	Amount
4.31	67.00	51	0.042542
4.31	41.00	78	

Reviewer: delpolitov, 31-Mar-2022 17:25:53
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

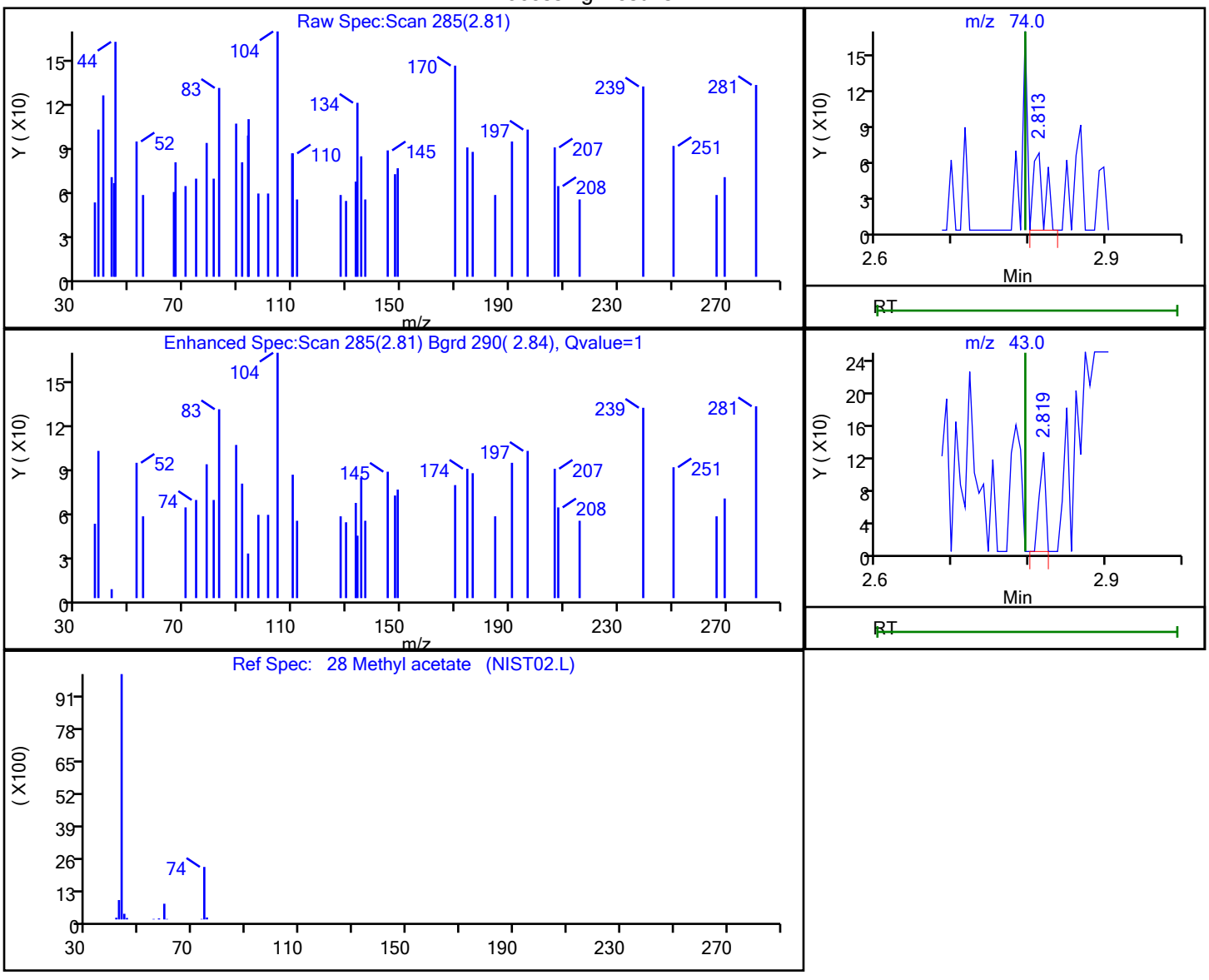
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

28 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
2.81	74.00	65	0.136398
2.82	43.00	69	

Reviewer: delpolitov, 31-Mar-2022 17:25:30
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

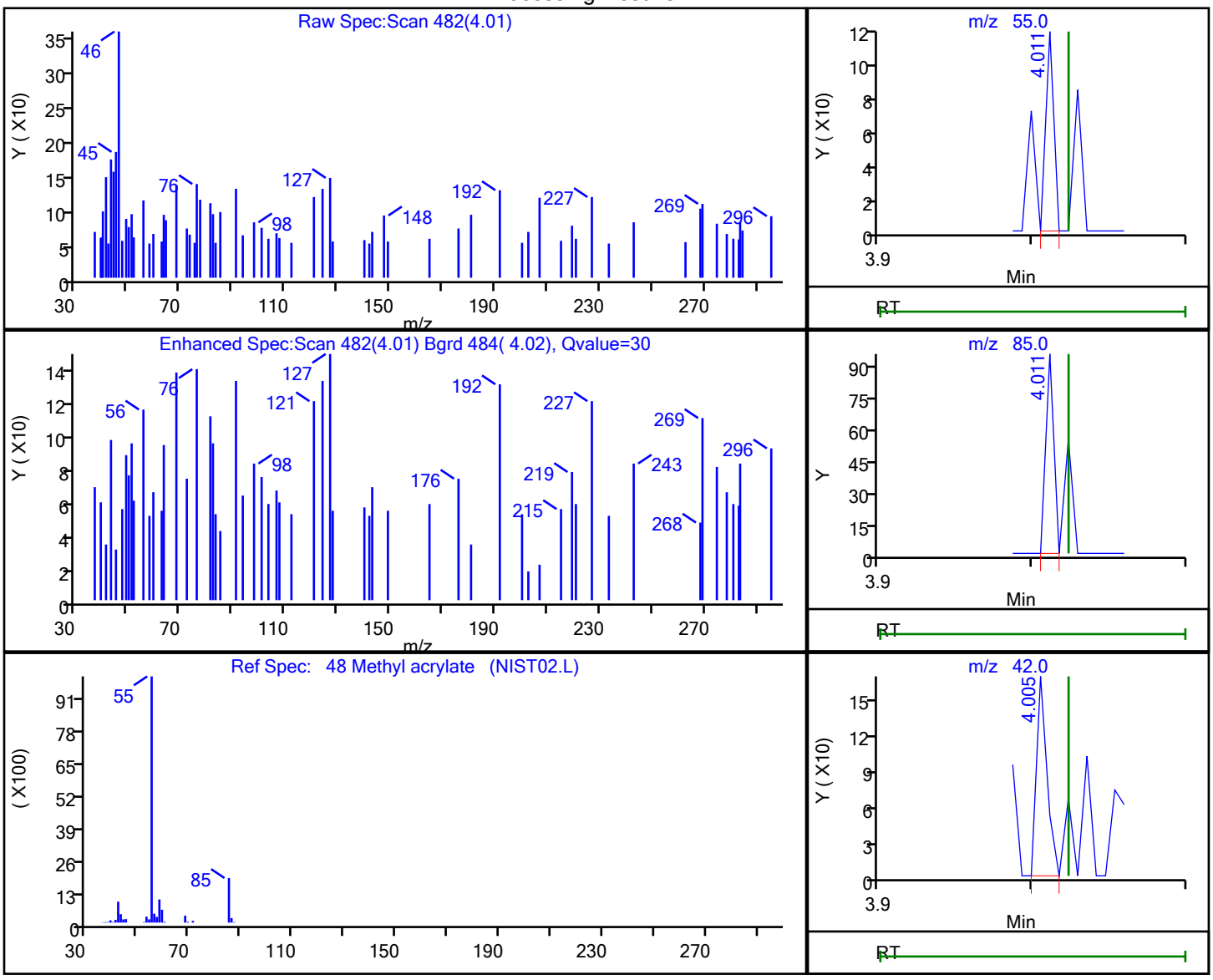
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
4.01	55.00	41	0.019275
4.01	85.00	35	
4.01	42.00	78	

Reviewer: delpolitov, 31-Mar-2022 17:25:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

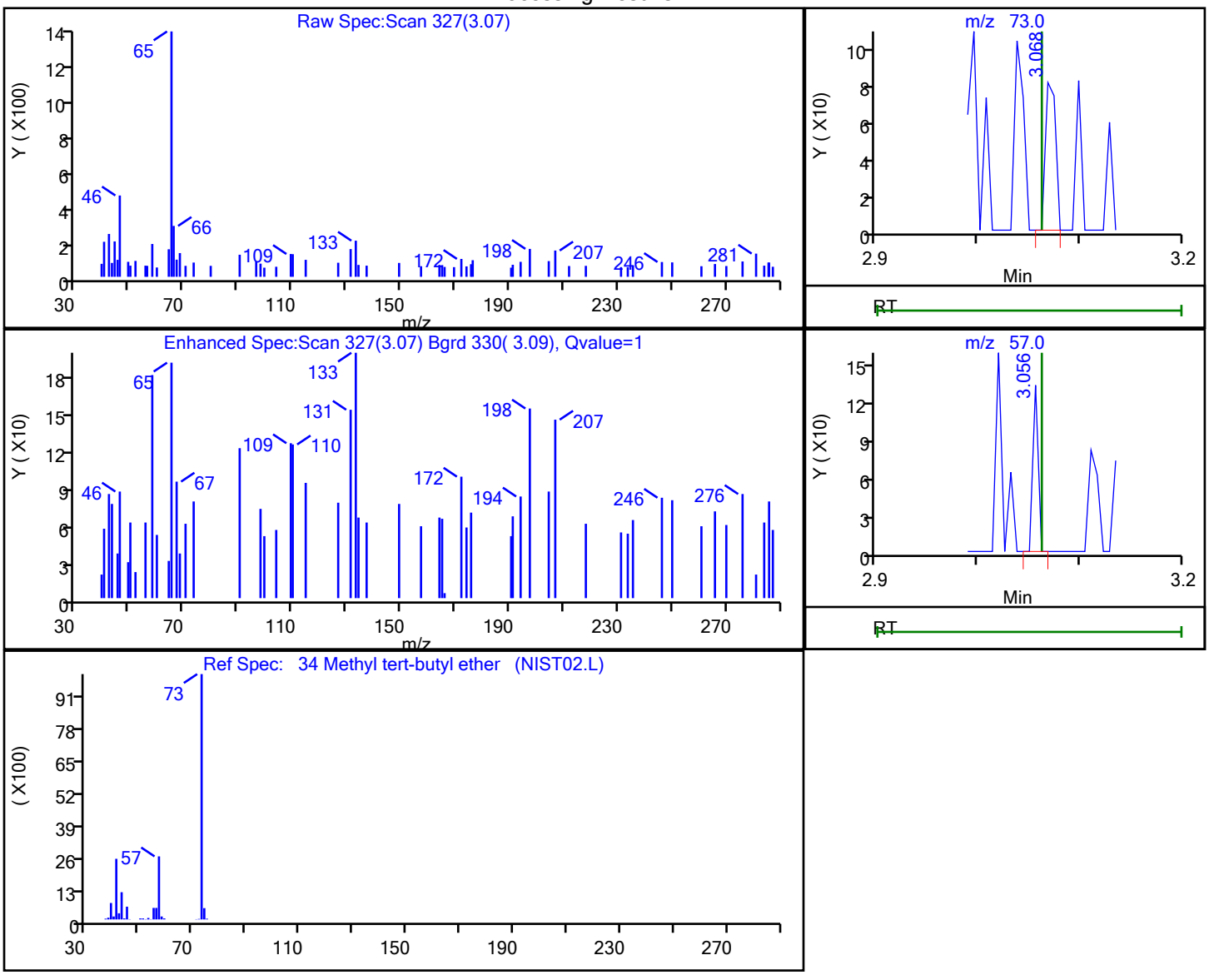
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

34 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
3.07	73.00	54	0.007511
3.06	57.00	47	

Reviewer: delpolitov, 31-Mar-2022 17:25:33
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

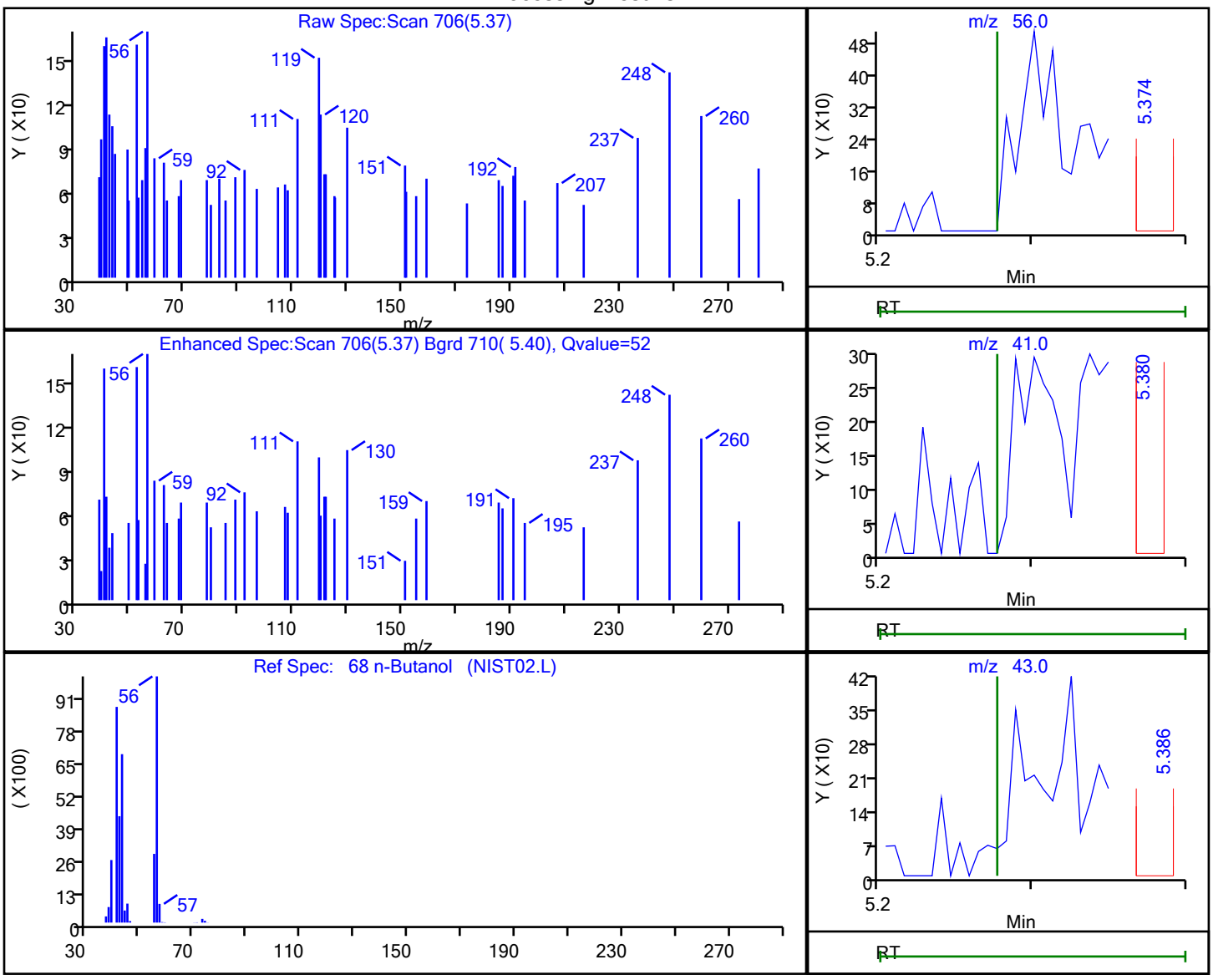
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

68 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
5.37	56.00	234	3.865475
5.38	41.00	205	
5.39	43.00	170	

Reviewer: delpolitov, 31-Mar-2022 17:25:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

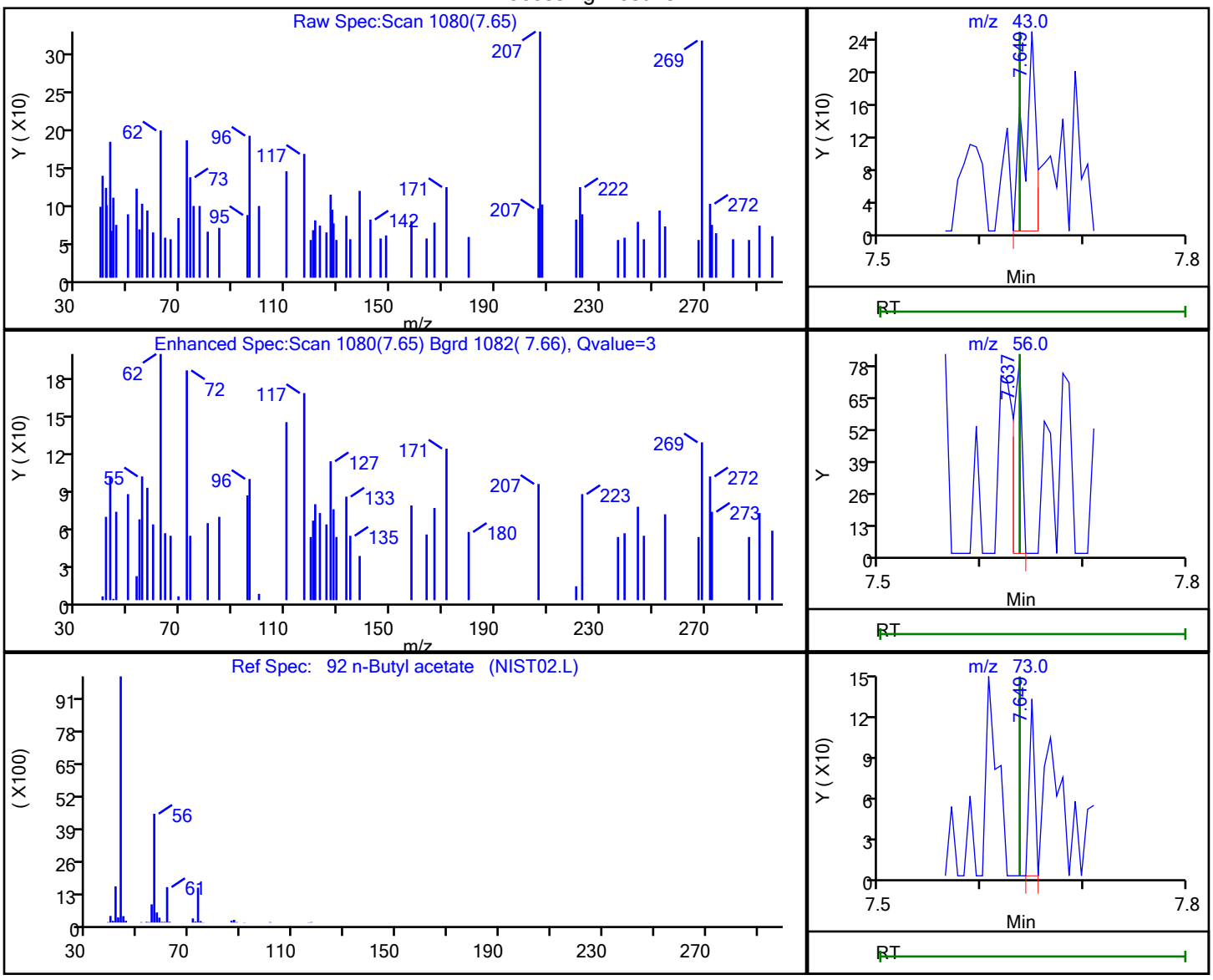
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

92 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
7.65	43.00	192	0.064929
7.64	56.00	50	
7.65	73.00	49	

Reviewer: delpolitov, 31-Mar-2022 17:26:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

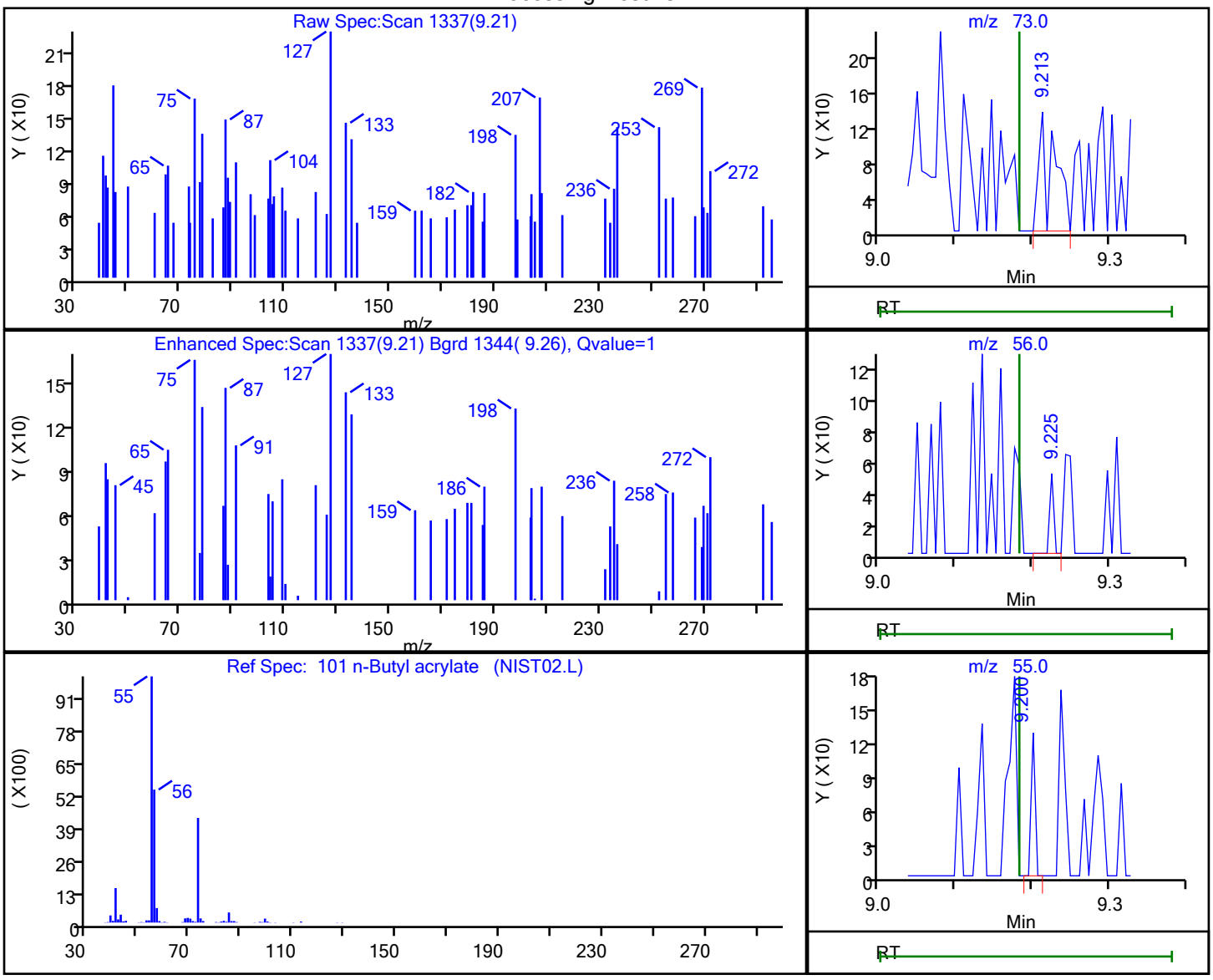
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

101 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
9.21	73.00	185	0.096598
9.22	56.00	18	
9.20	55.00	46	

Reviewer: delpolitov, 31-Mar-2022 17:26:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

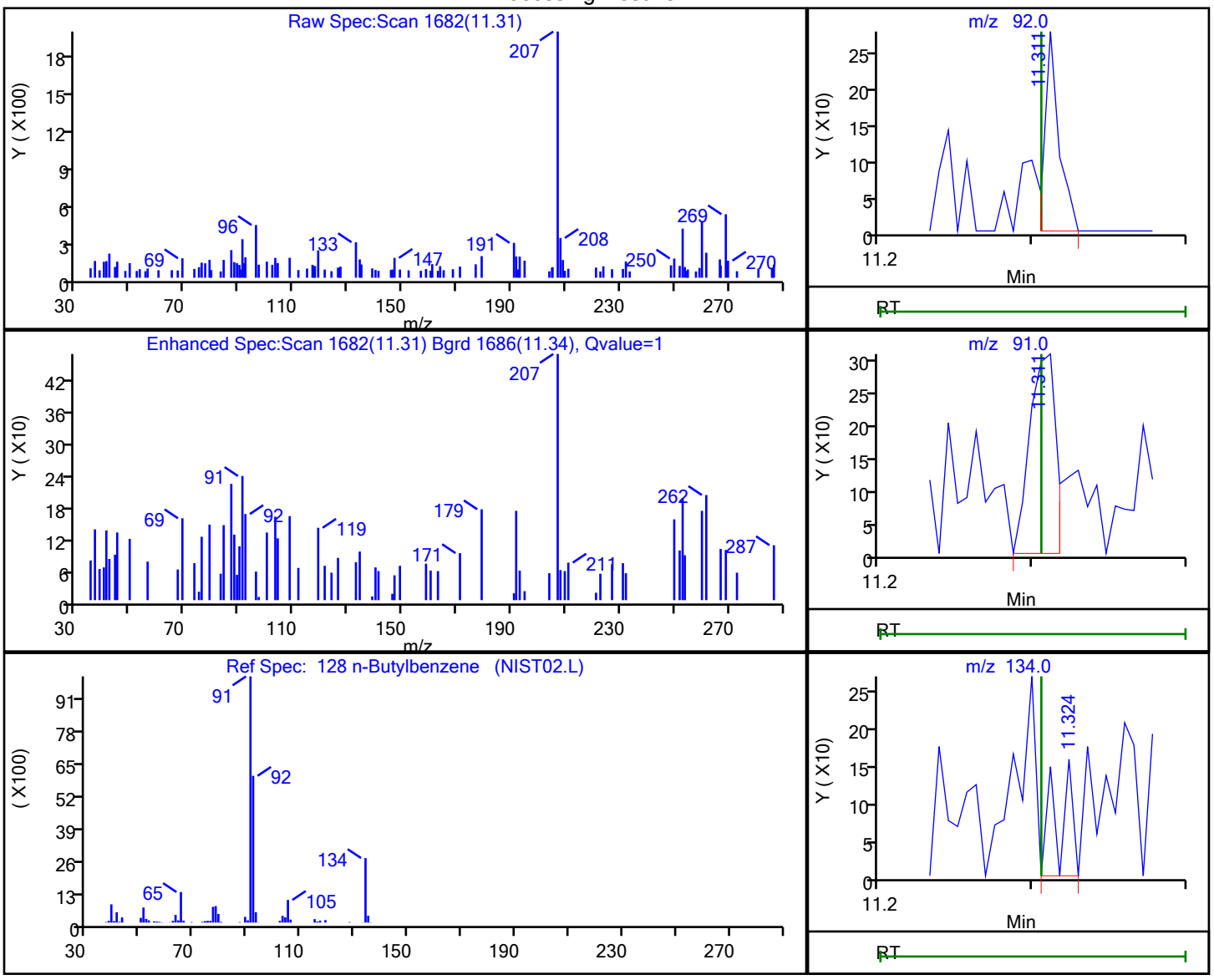
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

128 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.31	92.00	179	0.047780
11.31	91.00	370	
11.32	134.00	110	

Reviewer: delpolitov, 31-Mar-2022 17:26:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

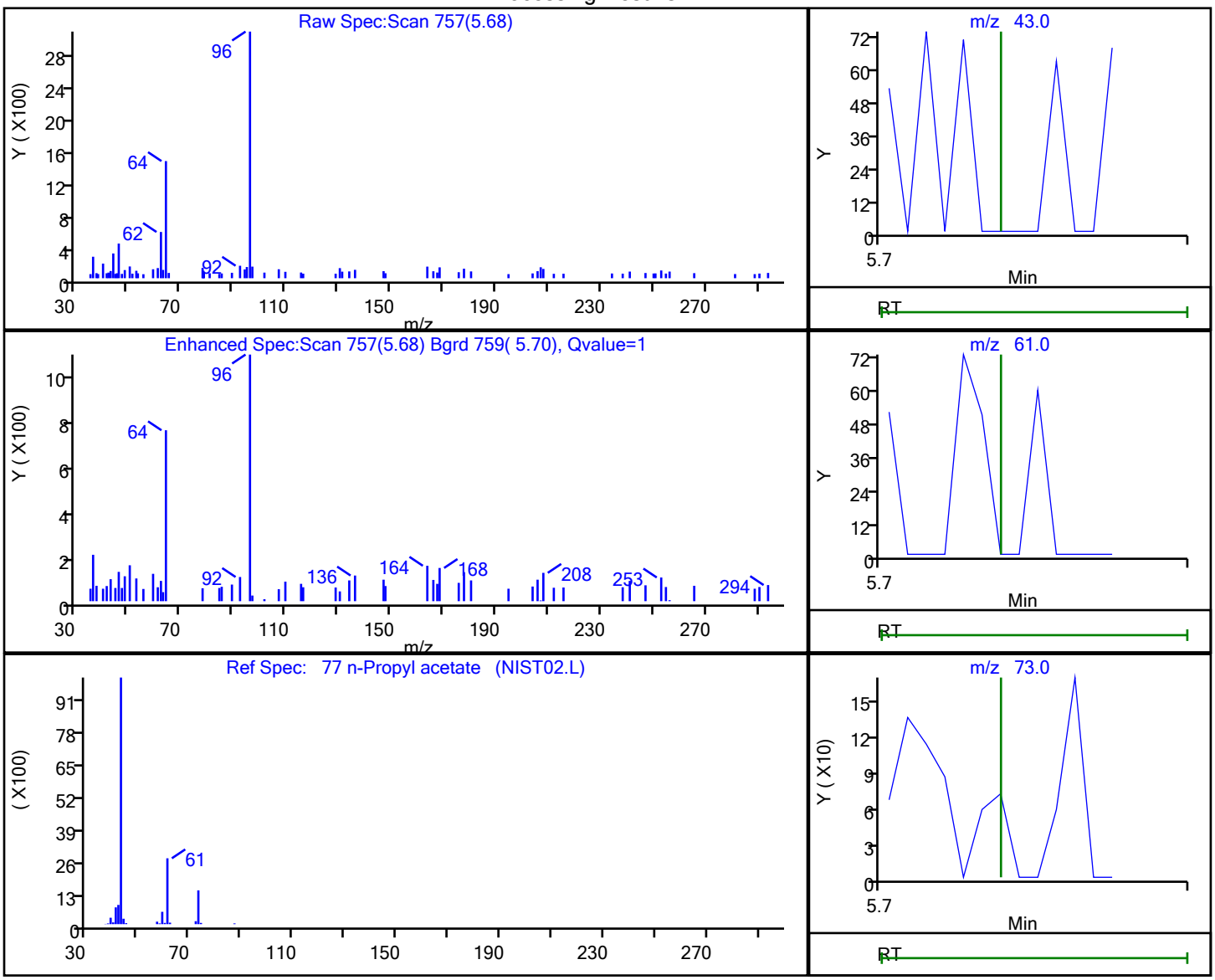
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

77 n-Propyl acetate, CAS: 109-60-4

Processing Results



RT	Mass	Response	Amount
5.68	43.00	33	0.010408
5.68	61.00	122	
5.69	73.00	26	

Reviewer: delpolitov, 31-Mar-2022 17:25:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

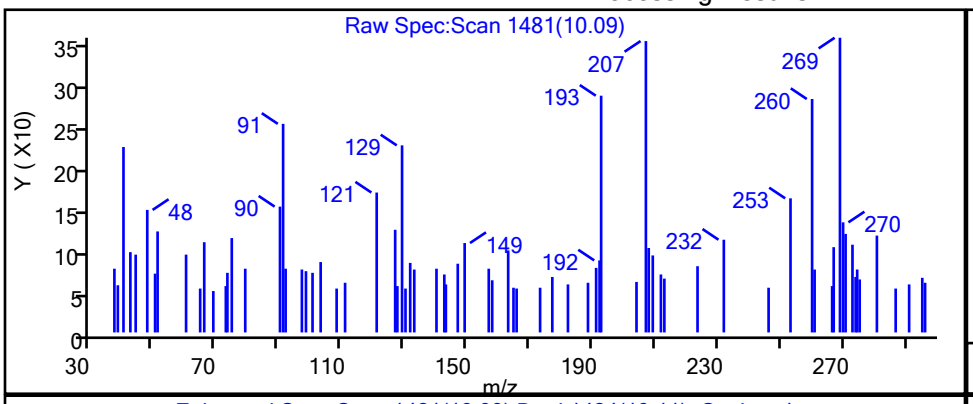
User Disabled Compound Report

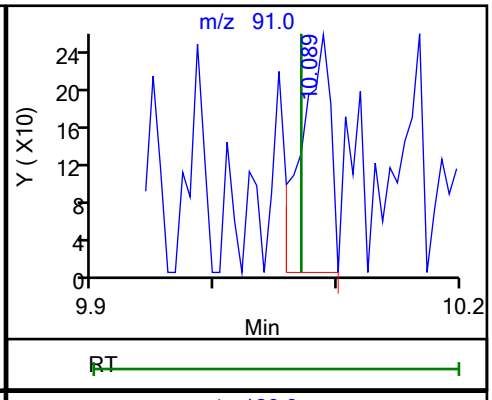
Eurofins Edison

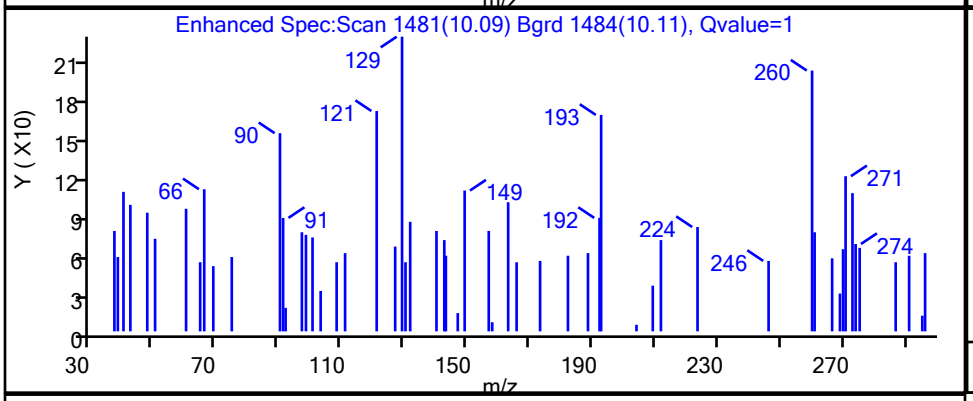
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

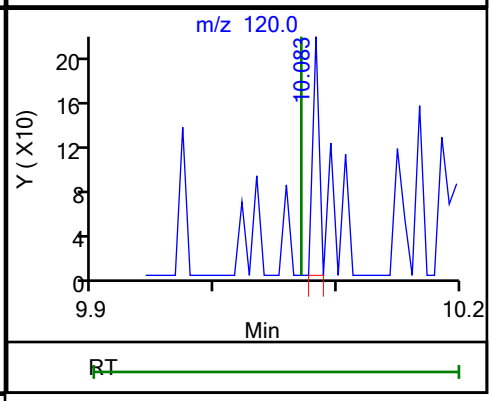
109 N-Propylbenzene, CAS: 103-65-1

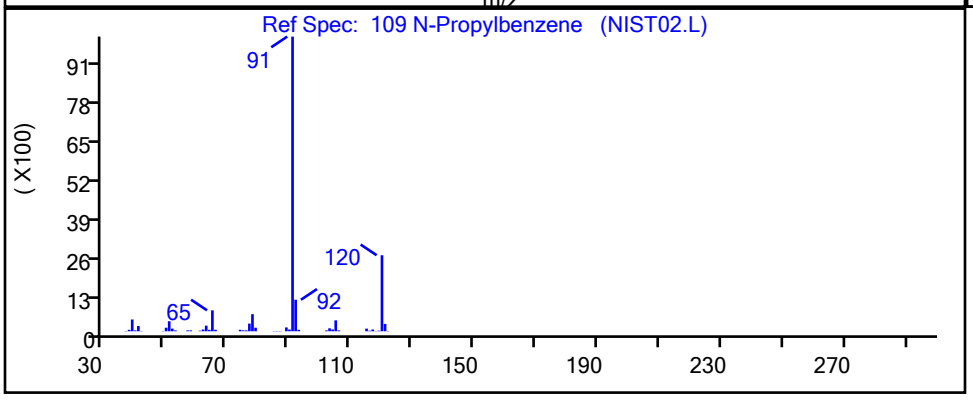
Processing Results











RT	Mass	Response	Amount
10.09	91.00	414	0.035231
10.08	120.00	77	

Reviewer: delpolitov, 31-Mar-2022 17:26:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

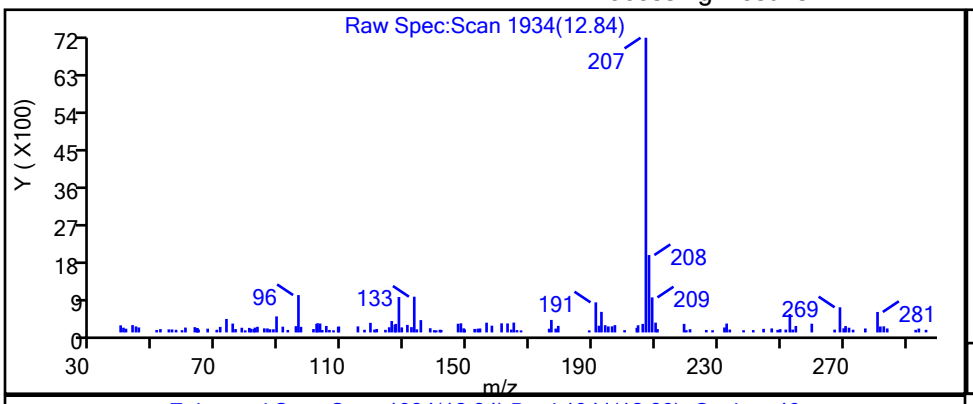
User Disabled Compound Report

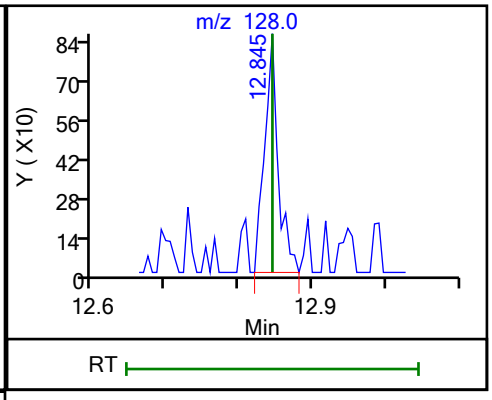
Eurofins Edison

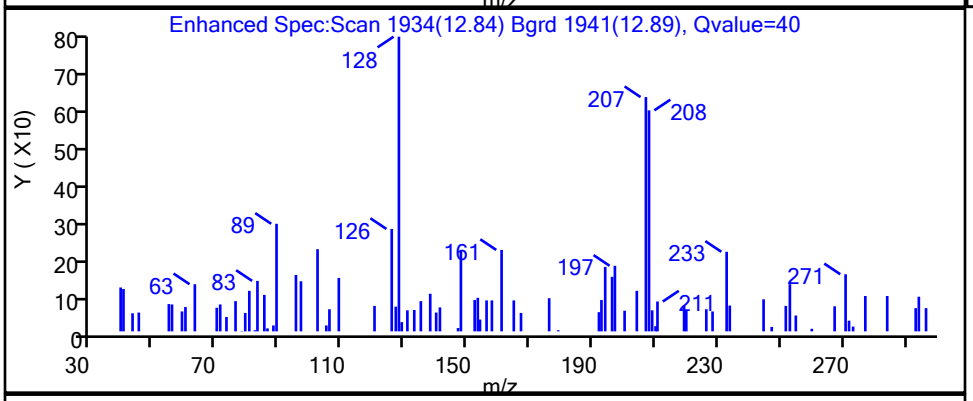
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

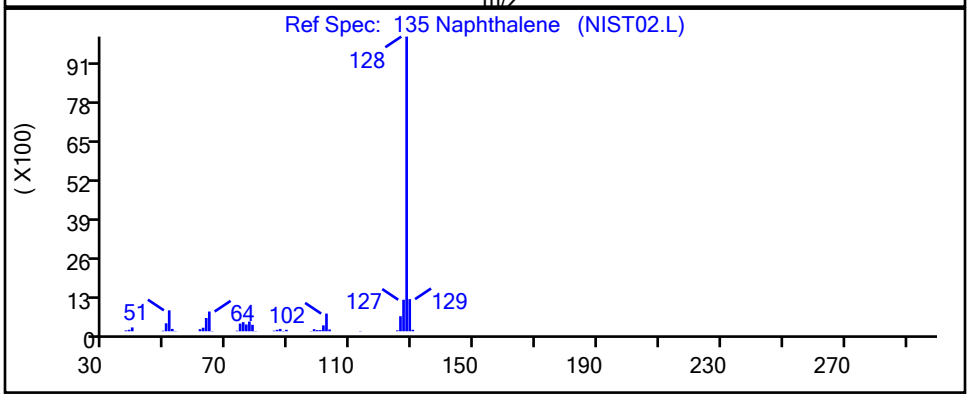
135 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
12.84	128.00	1111	0.105247

Reviewer: delpolitov, 31-Mar-2022 17:26:18
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

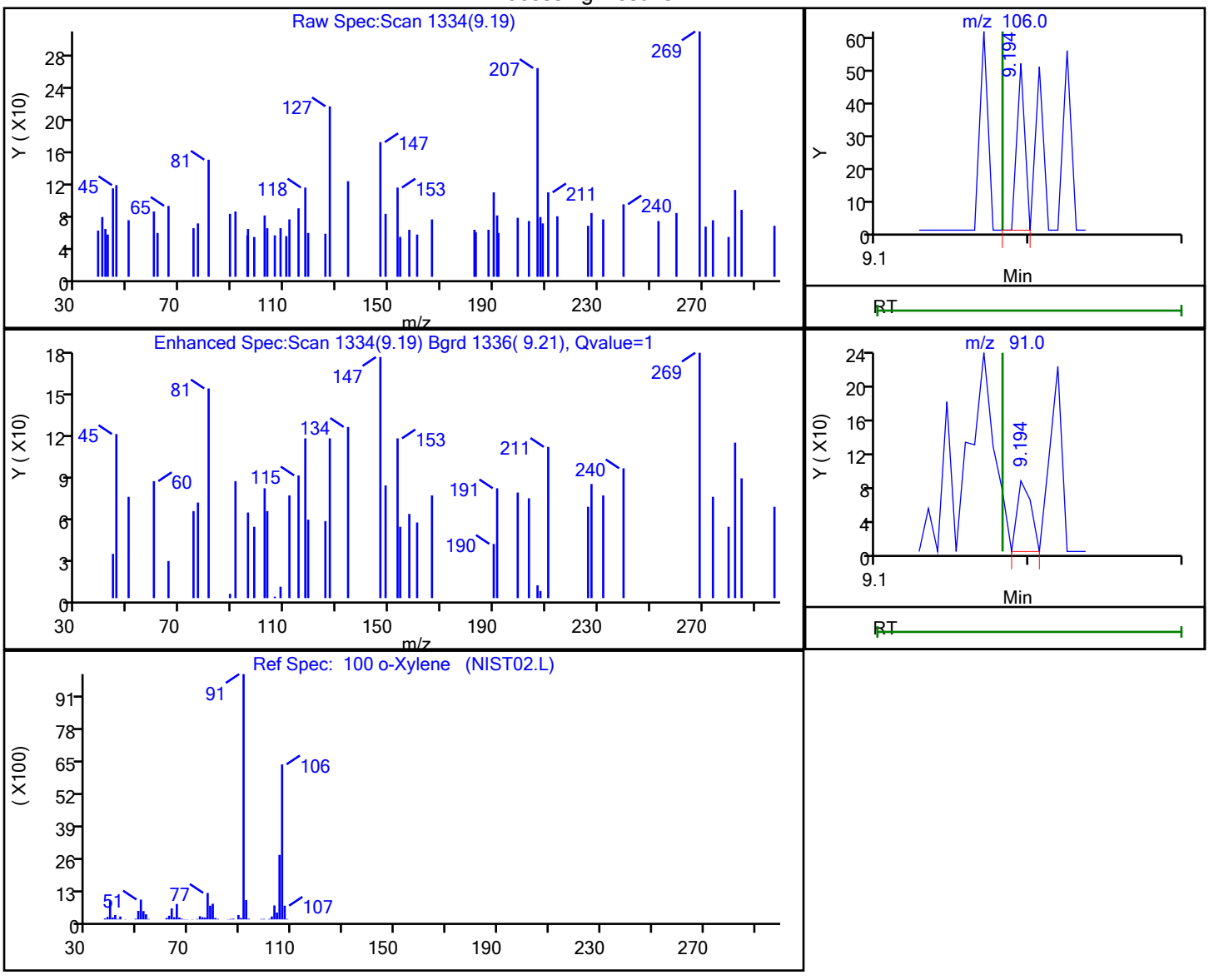
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
9.19	106.00	19	0.003694
9.19	91.00	52	

Reviewer: delpolitov, 31-Mar-2022 17:26:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

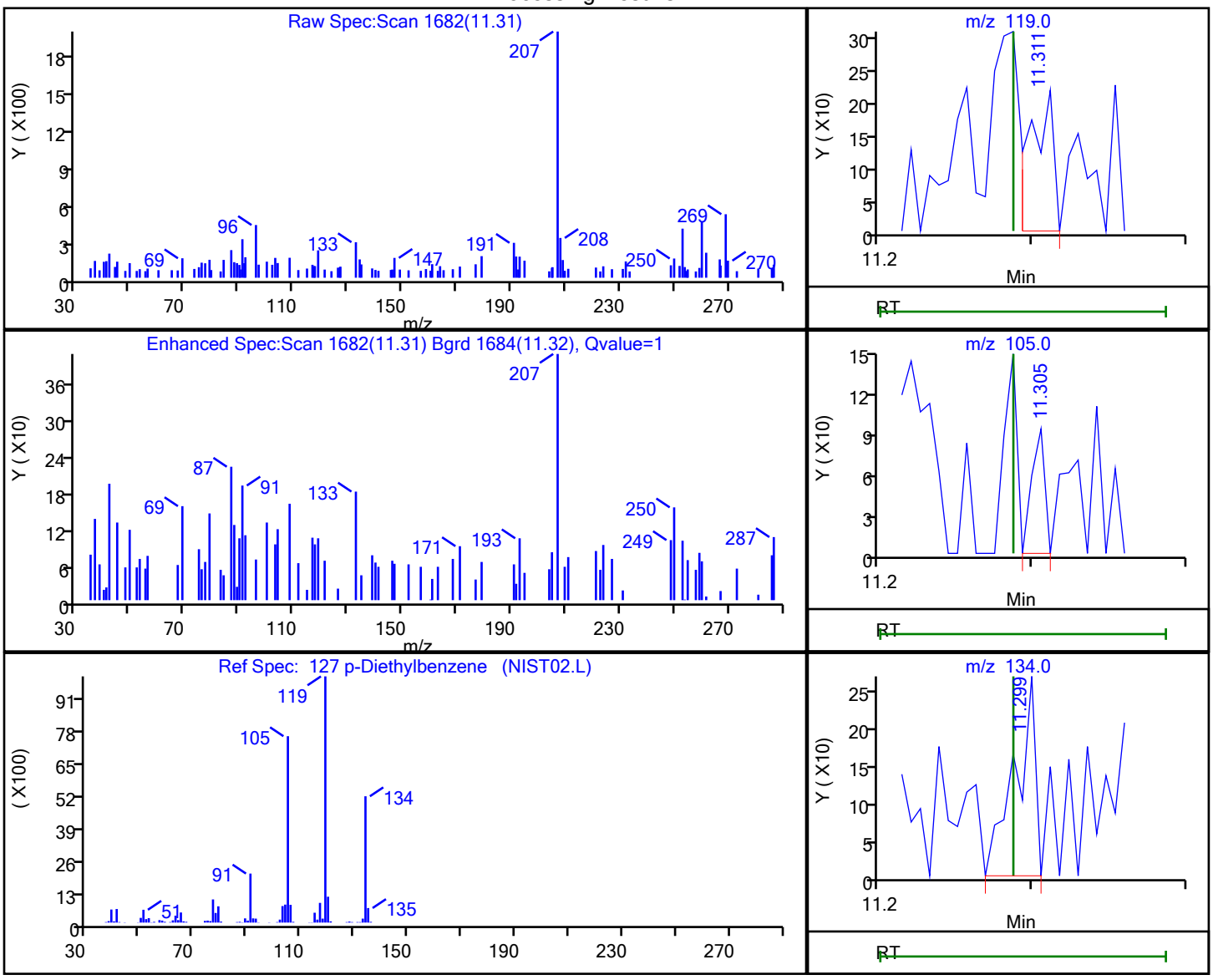
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
11.31	119.00	231	0.052856
11.31	105.00	52	
11.30	134.00	246	

Reviewer: delpolitov, 31-Mar-2022 17:26:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

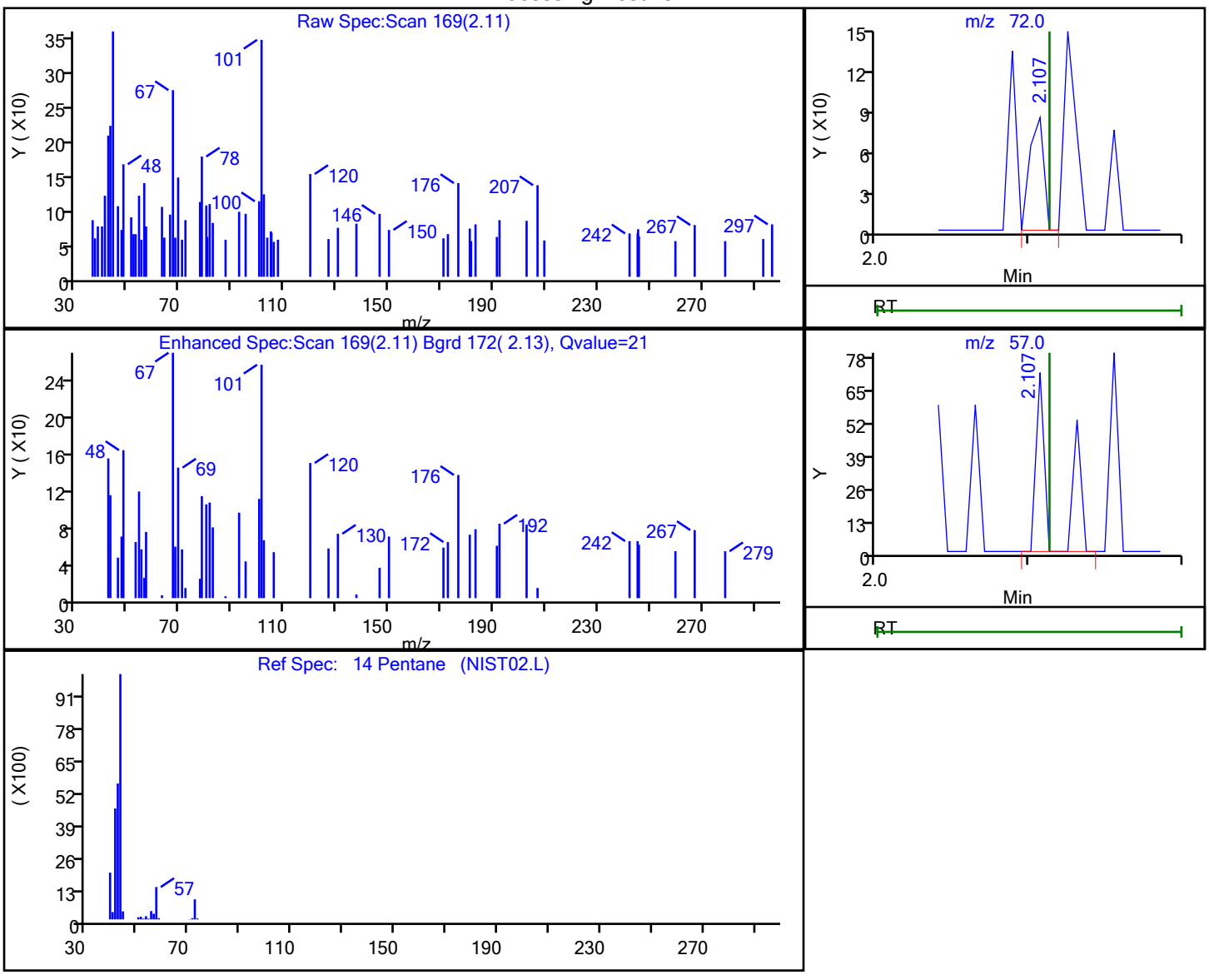
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
2.11	72.00	52	0.190000
2.11	57.00	46	

Reviewer: delpolitov, 31-Mar-2022 17:25:06
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

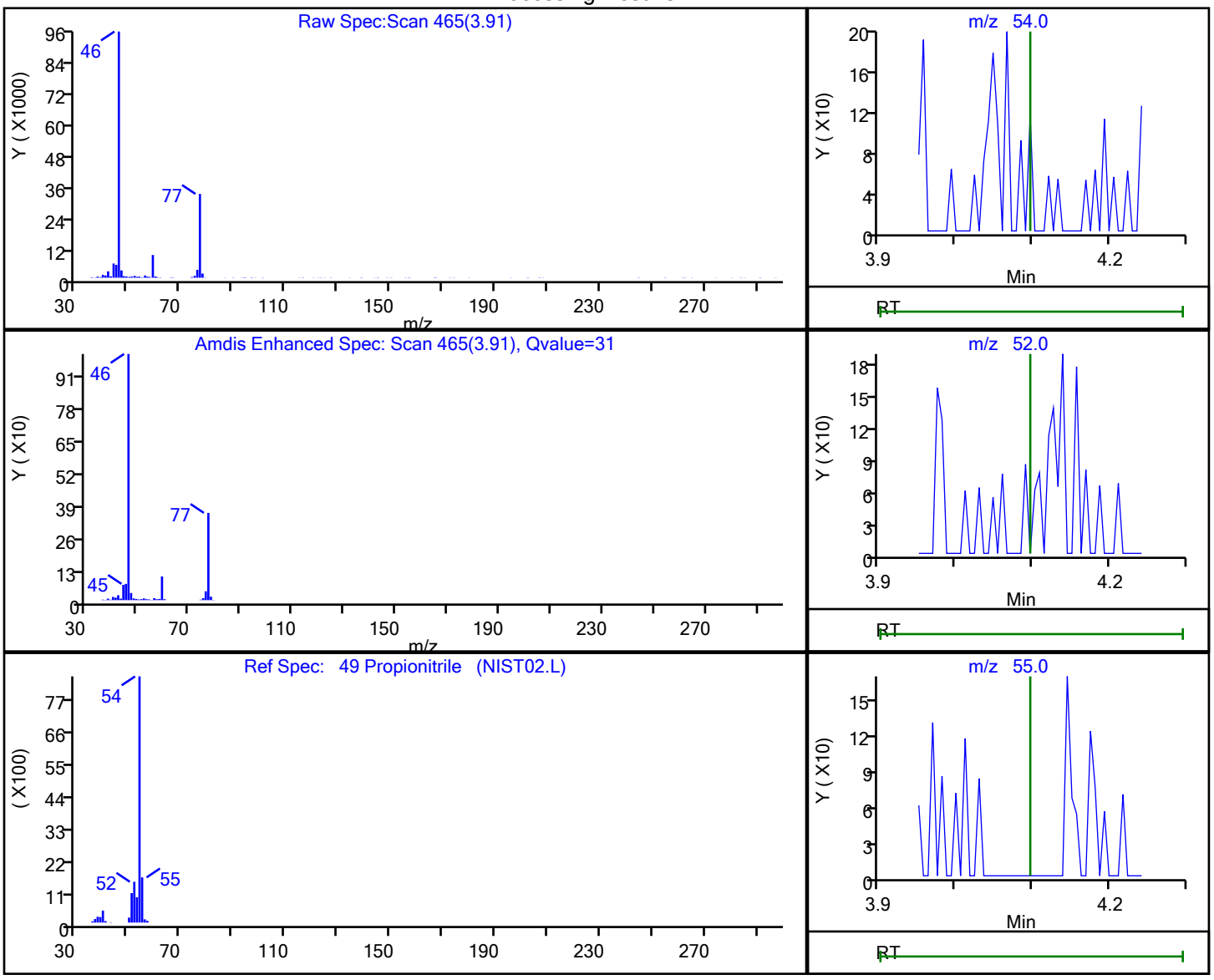
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

49 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.91	54.00	744	2.142791
3.91	52.00	1365	
3.92	55.00	376	

Reviewer: delpolitov, 31-Mar-2022 17:25:53
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

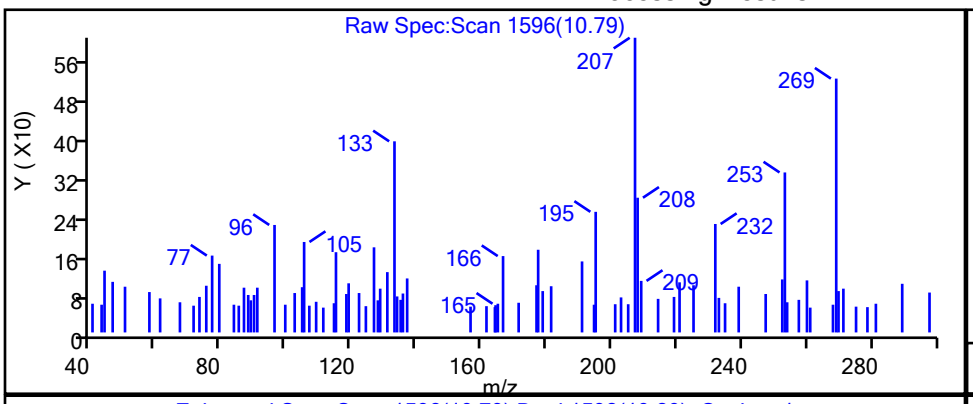
User Disabled Compound Report

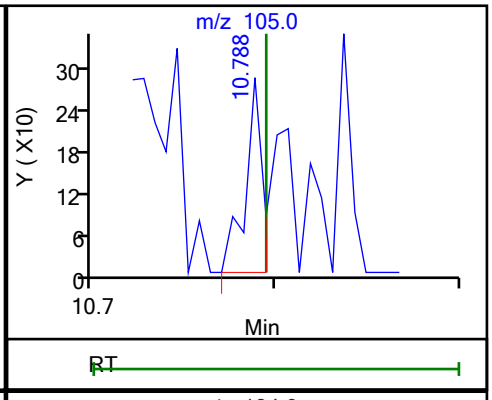
Eurofins Edison

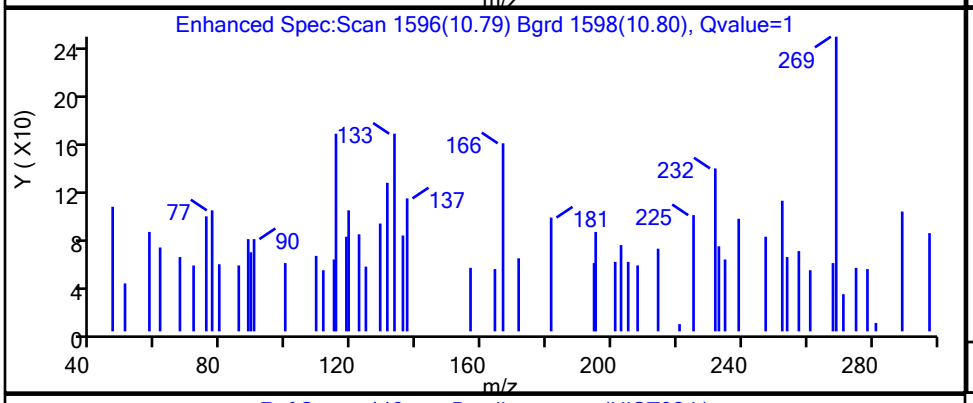
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

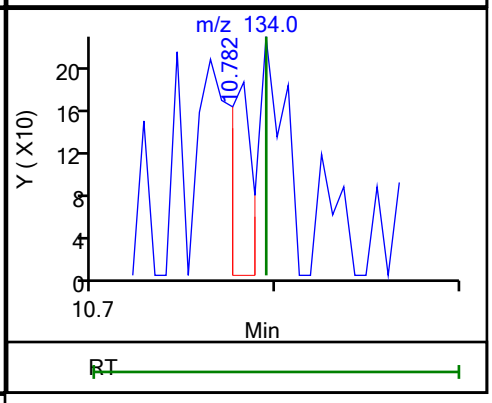
119 sec-Butylbenzene, CAS: 135-98-8

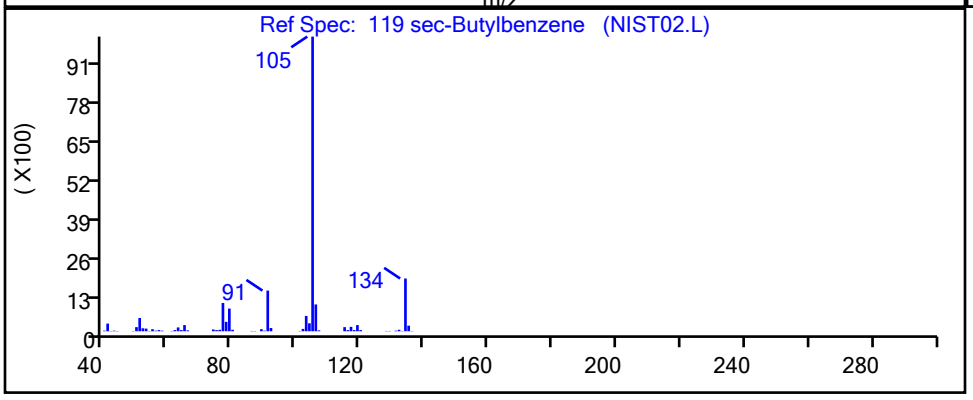
Processing Results











RT	Mass	Response	Amount
10.79	105.00	181	0.019428
10.78	134.00	149	

Reviewer: delpolitov, 31-Mar-2022 17:26:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

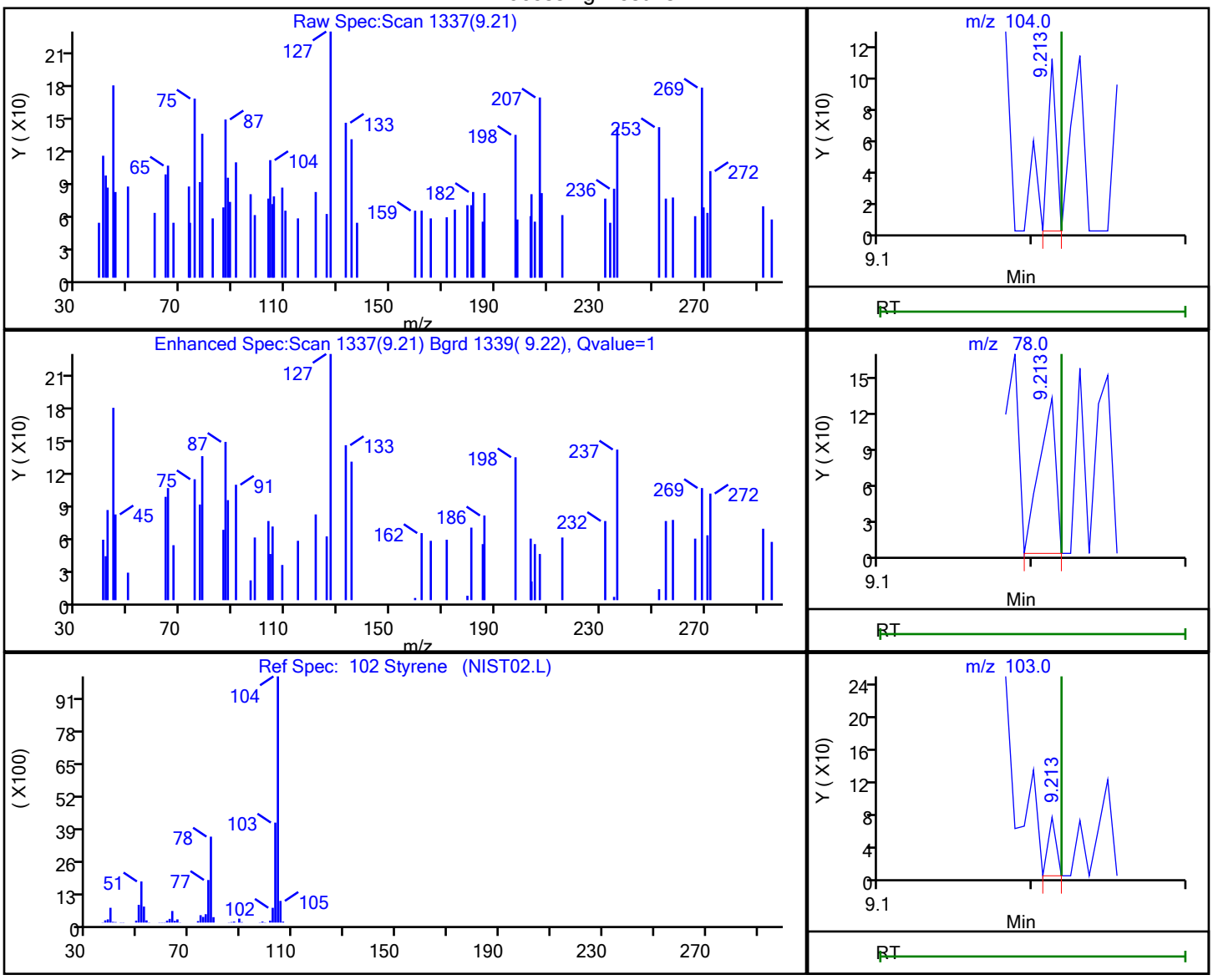
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

102 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
9.21	104.00	39	0.004817
9.21	78.00	99	
9.21	103.00	26	

Reviewer: delpolitov, 31-Mar-2022 17:26:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

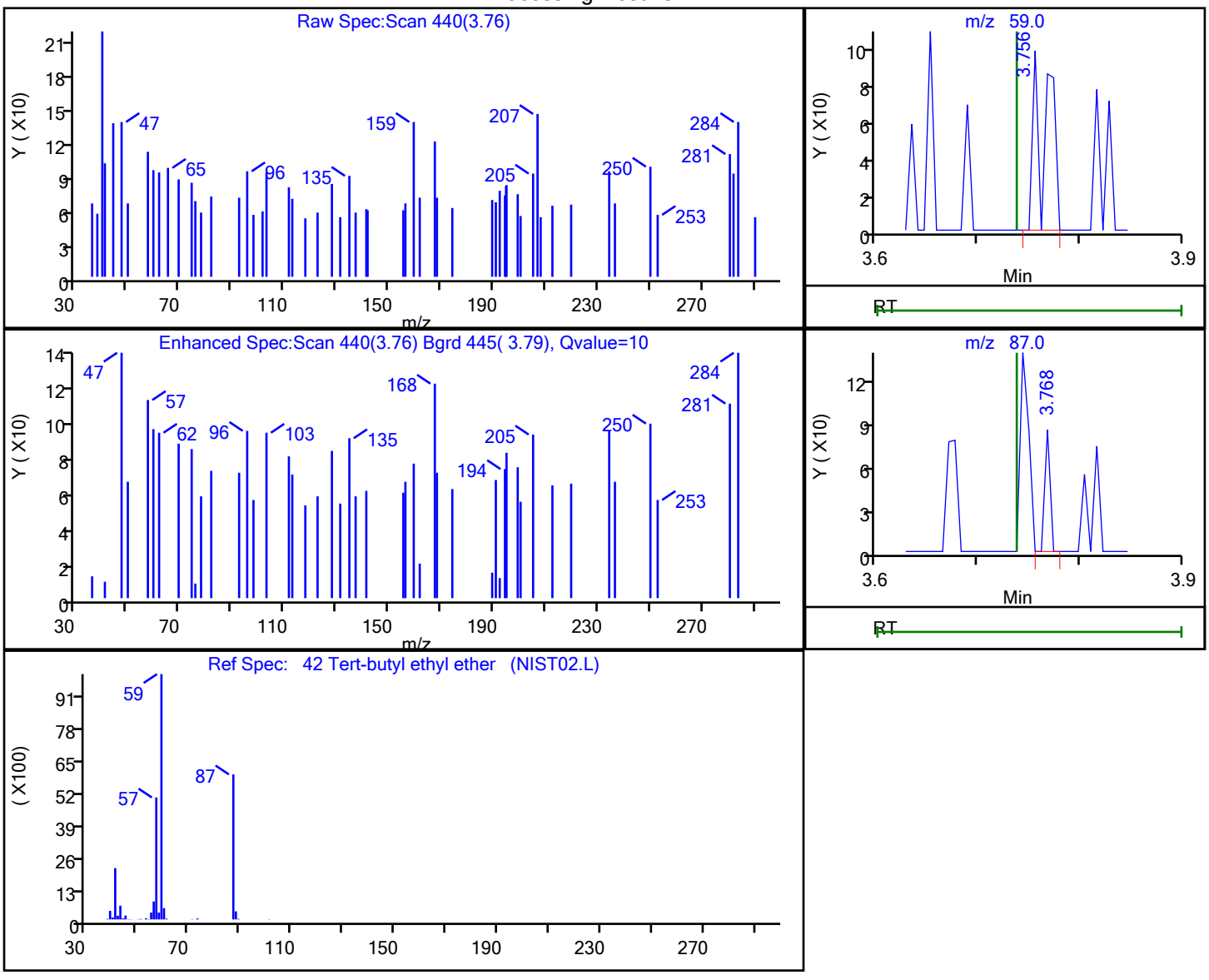
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D				
Injection Date:	31-Mar-2022 00:26:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

42 Tert-butyl ethyl ether, CAS: 637-92-3

Processing Results



RT	Mass	Response	Amount
3.76	59.00	92	0.013758
3.77	87.00	30	

Reviewer: delpolitov, 31-Mar-2022 17:25:52

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

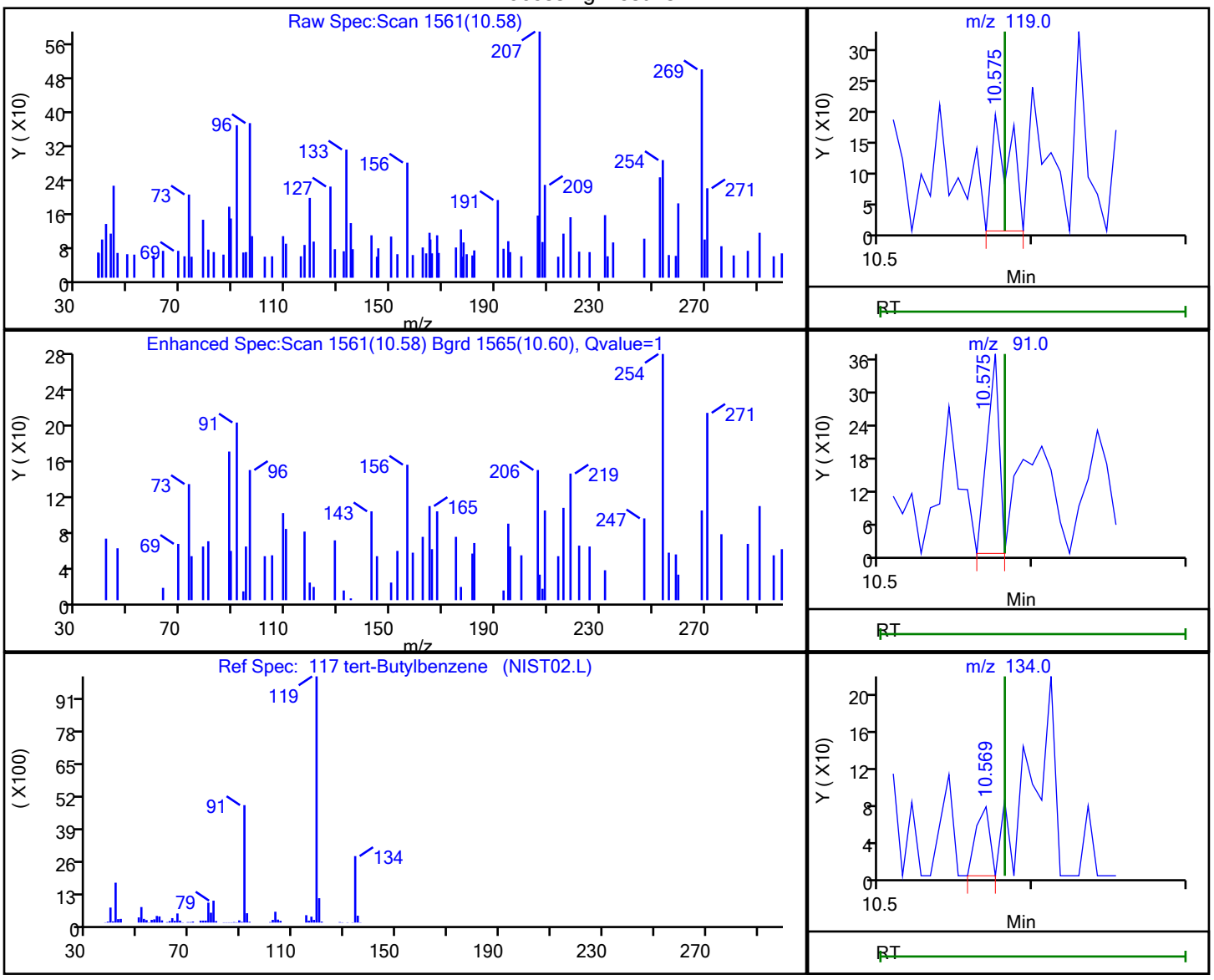
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

117 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
10.58	119.00	161	0.023439
10.58	91.00	198	
10.57	134.00	46	

Reviewer: delpolitov, 31-Mar-2022 17:26:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

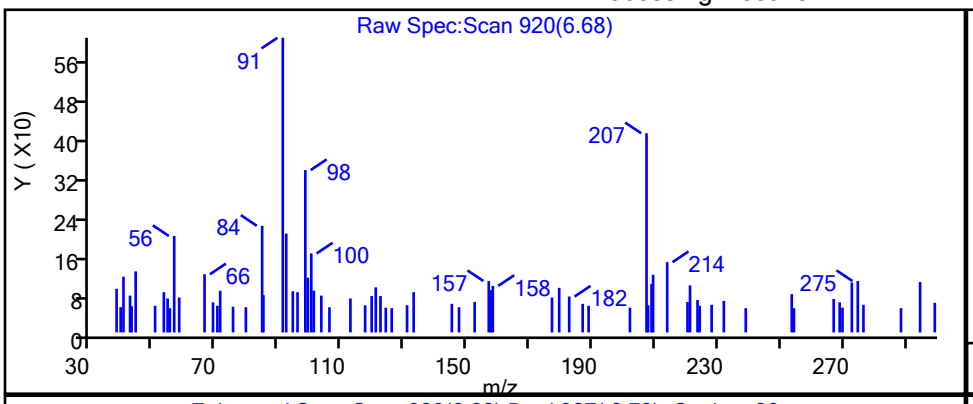
User Disabled Compound Report

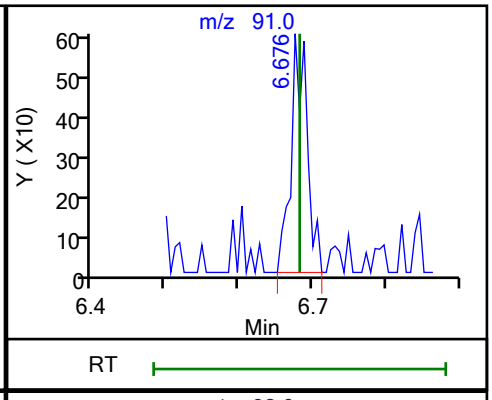
Eurofins Edison

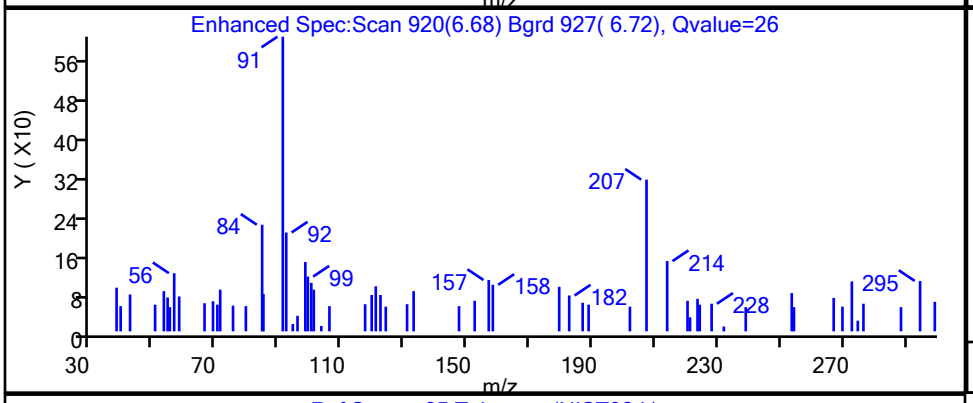
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

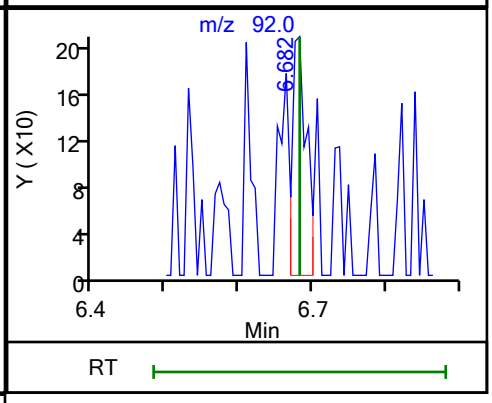
85 Toluene, CAS: 108-88-3

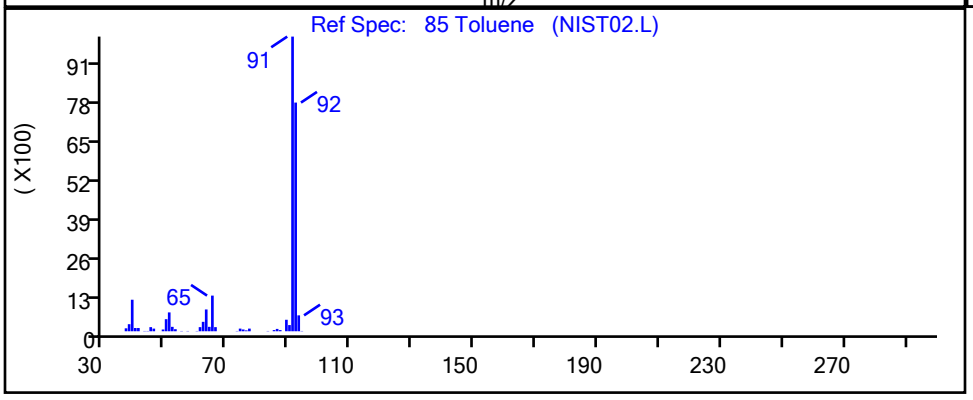
Processing Results











RT	Mass	Response	Amount
6.68	91.00	929	0.075325
6.68	92.00	282	

Reviewer: delpolitov, 31-Mar-2022 17:26:04
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

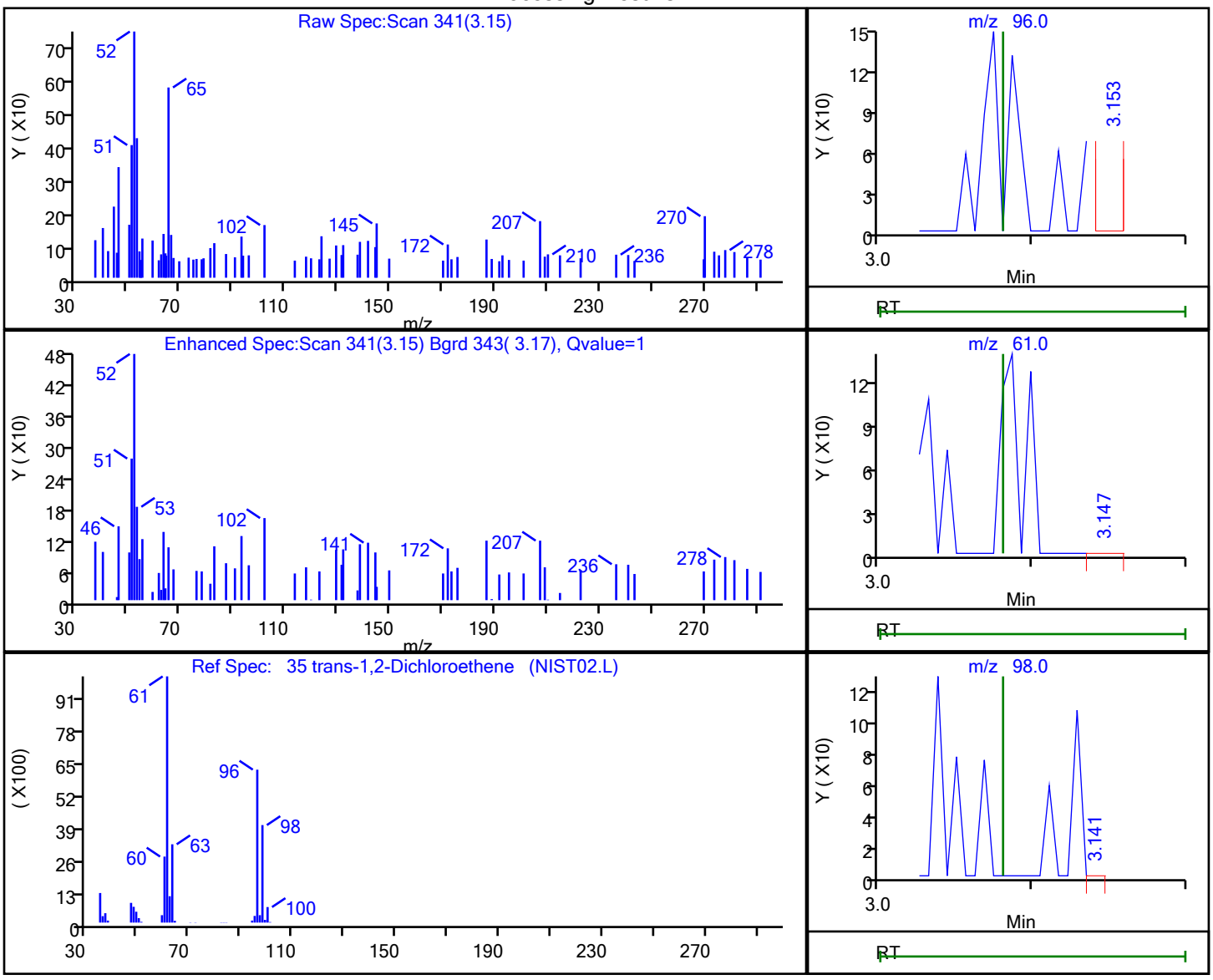
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

35 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
3.15	96.00	43	0.012373
3.15	61.00	84	
3.14	98.00	20	

Reviewer: delpolitov, 31-Mar-2022 17:25:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

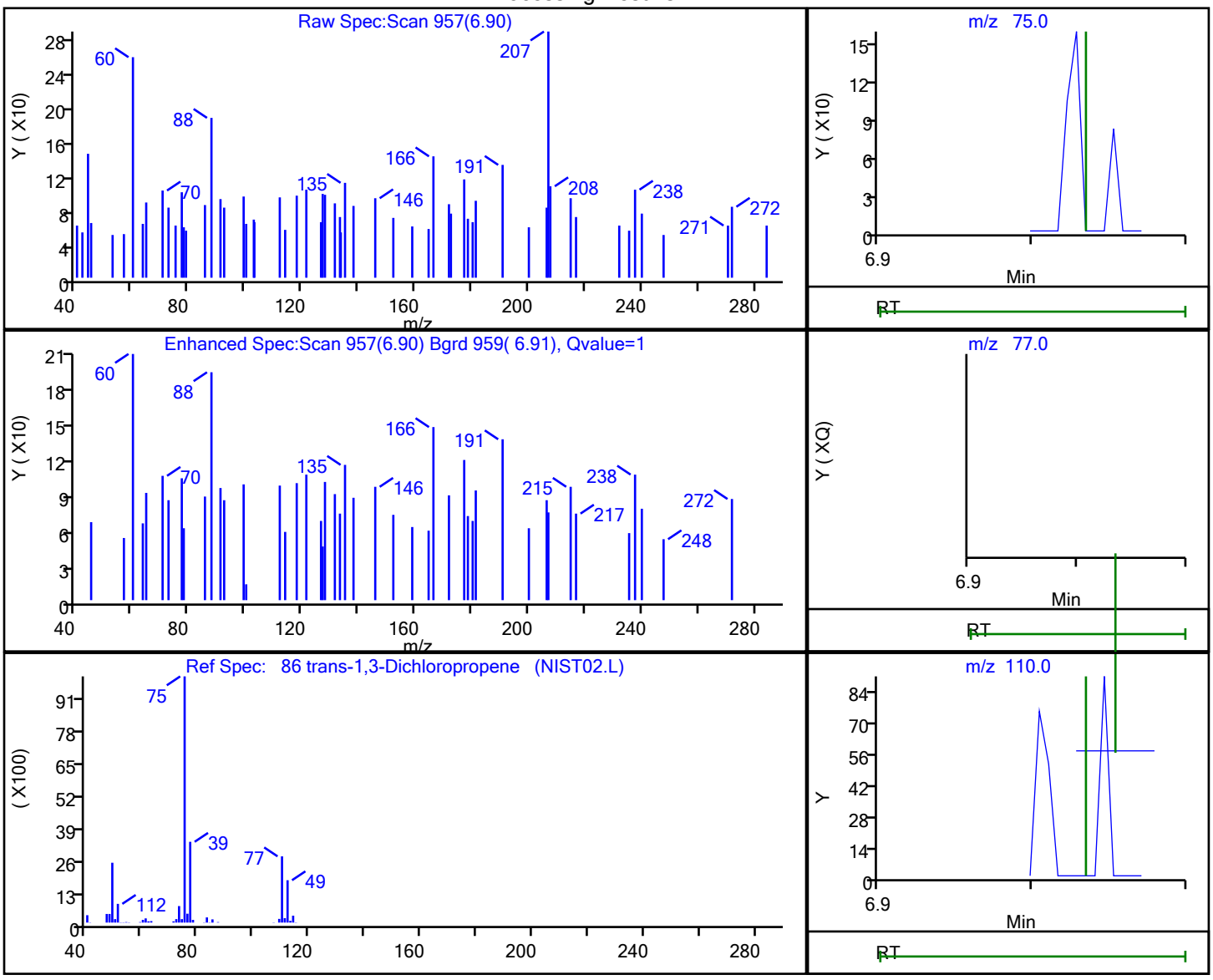
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

86 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
6.90	75.00	22	0.005565
6.90	77.00	66	
6.89	110.00	44	

Reviewer: delpolitov, 31-Mar-2022 17:26:04
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

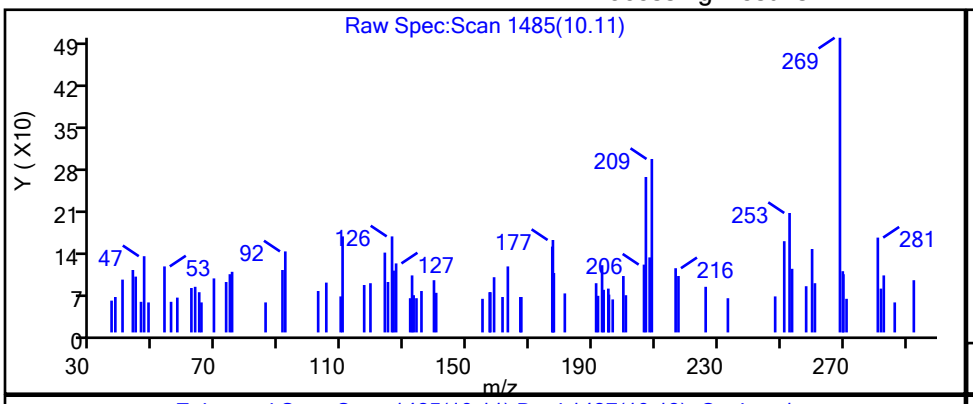
User Disabled Compound Report

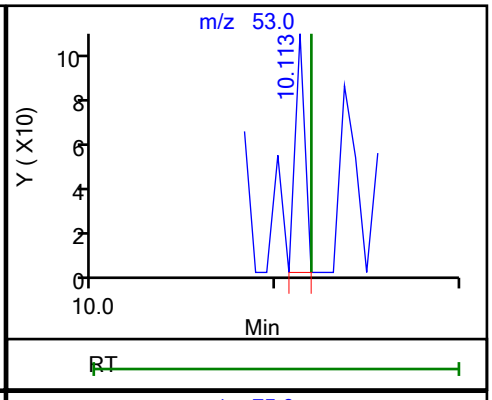
Eurofins Edison

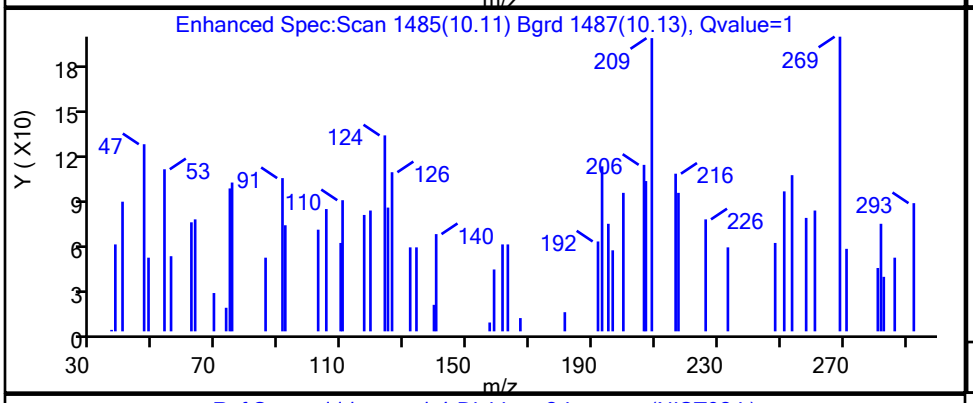
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

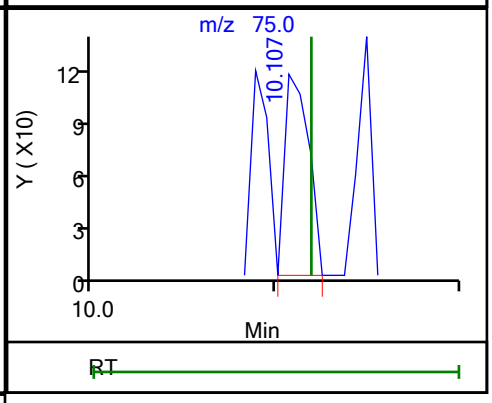
111 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

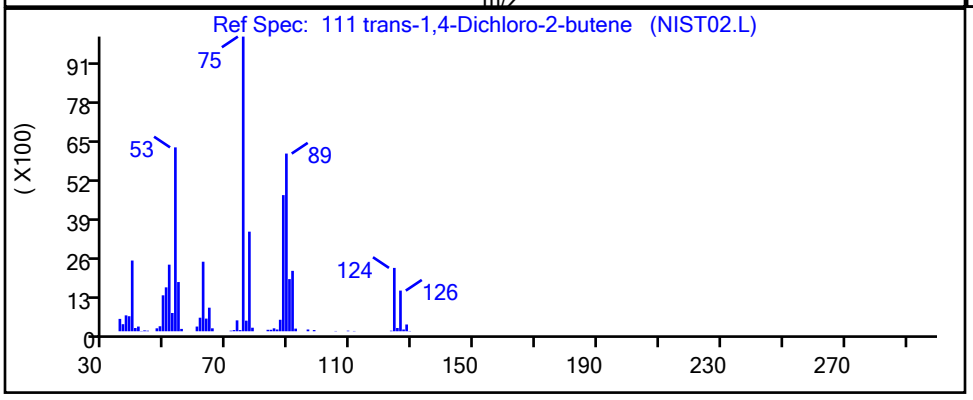
Processing Results











RT	Mass	Response	Amount
10.11	53.00	40	0.054502
10.11	75.00	102	

Reviewer: delpolitov, 31-Mar-2022 17:26:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

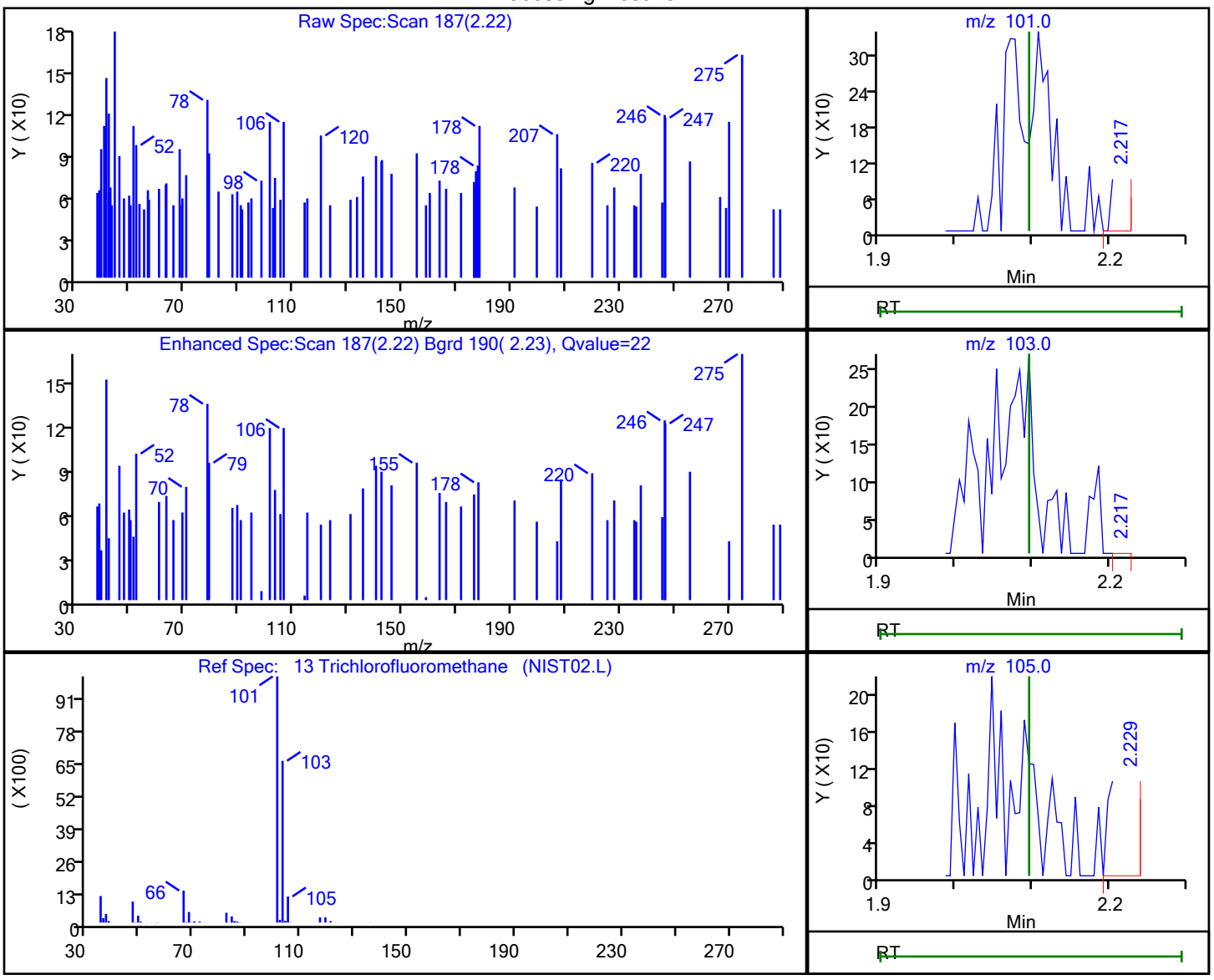
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

13 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.22	101.00	105	0.027293
2.22	103.00	48	
2.23	105.00	131	

Reviewer: delpolitov, 31-Mar-2022 17:25:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

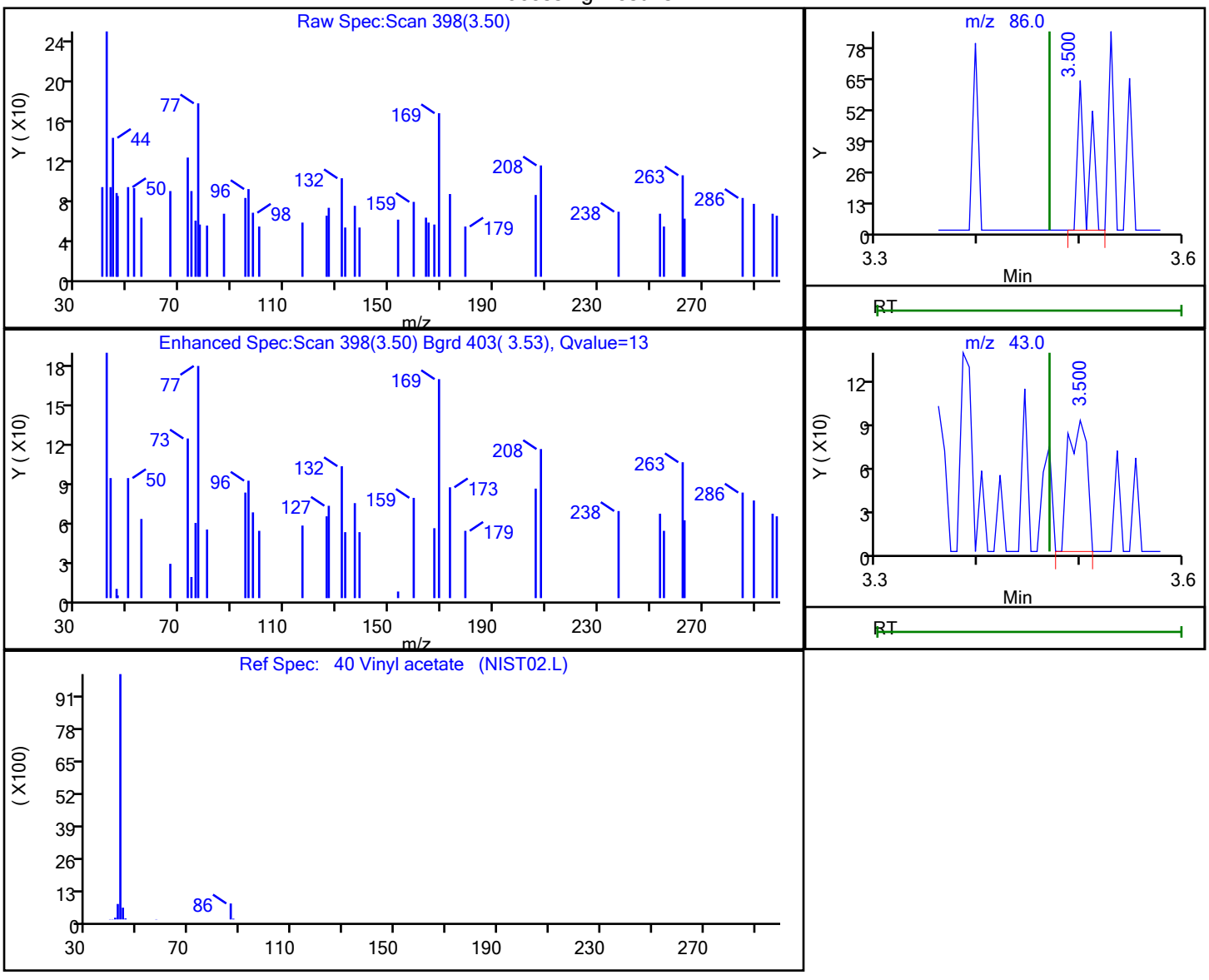
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

40 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
3.50	86.00	42	0.072487
3.50	43.00	116	

Reviewer: delpolitov, 31-Mar-2022 17:25:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

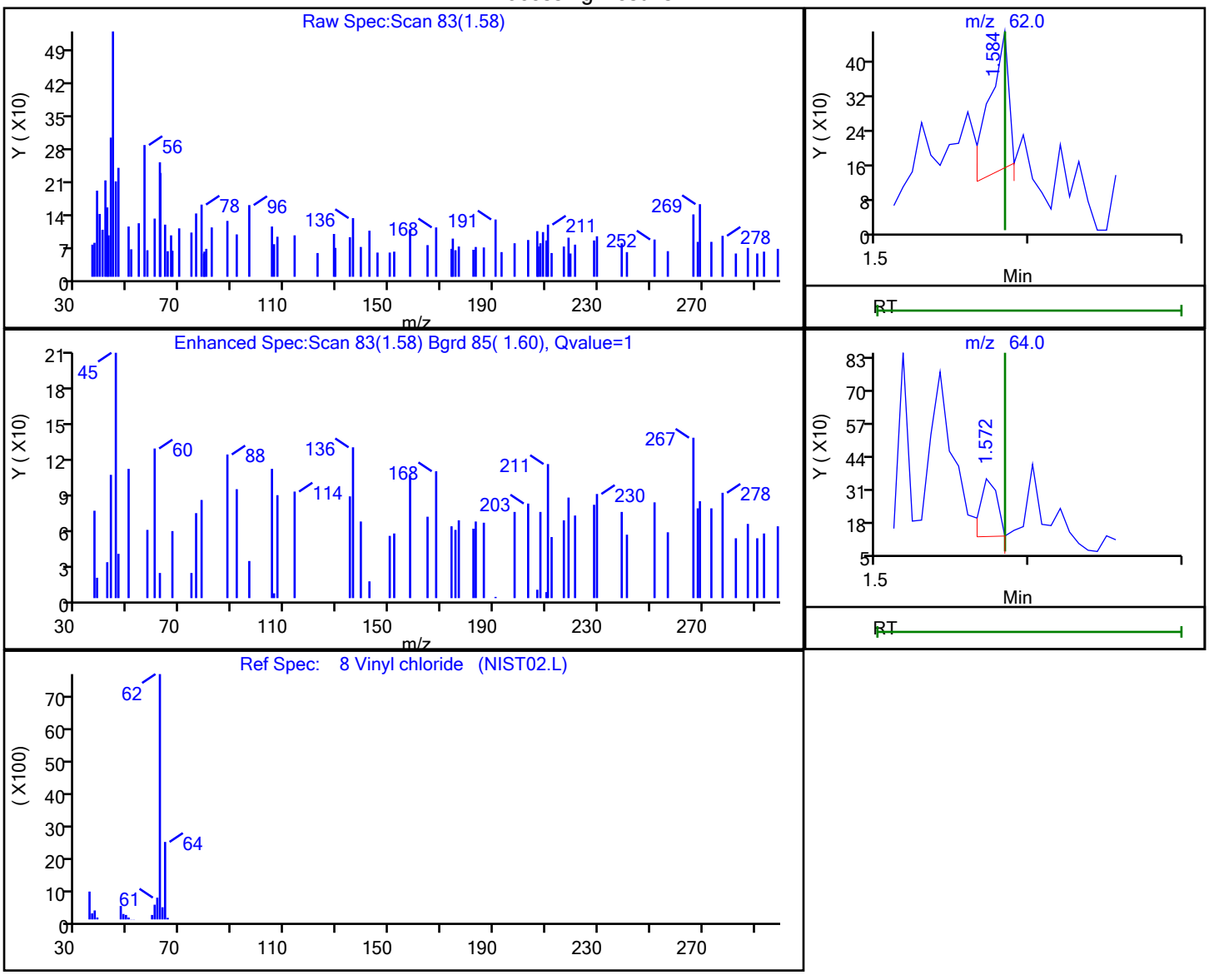
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Injection Date: 31-Mar-2022 00:26:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

8 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.58	62.00	285	0.098004
1.57	64.00	179	

Reviewer: delpolitov, 31-Mar-2022 17:25:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47428.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 31-Mar-2022 00:49:30 ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0143422-004
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Mar-2022 17:58:10 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: boykink Date: 31-Mar-2022 01:36:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	1.310	1.322	-0.012	1	1275	1.00	0.9003	
5 Dichlorodifluoromethane	85	1.353	1.353	0.000	52	3924	1.00	0.9174	M
6 Chlorodifluoromethane	51	1.371	1.371	0.000	40	3232	1.00	0.9708	
7 Chloromethane	52	1.450	1.474	-0.024	77	1134	1.00	1.11	M
8 Vinyl chloride	62	1.584	1.584	0.000	94	4057	1.00	1.14	M
9 Butadiene	54	1.572	1.584	-0.012	60	2039	1.00	1.07	M
10 Bromomethane	94	1.821	1.833	-0.012	85	2853	1.00	1.03	
11 Chloroethane	64	1.900	1.912	-0.012	81	2380	1.00	1.26	
12 Dichlorofluoromethane	67	2.077	2.089	-0.012	93	5607	1.00	1.00	
13 Trichlorofluoromethane	101	2.107	2.095	0.012	72	4576	1.00	0.9414	a
14 Pentane	72	2.119	2.113	0.006	90	610	2.00	1.94	
15 Ethanol	46	2.271	2.271	0.000	42	737	40.0	41.0	a
16 Ethyl ether	74	2.284	2.296	-0.012	68	2007	1.00	1.17	
17 2-Methyl-1,3-butadiene	53	2.308	2.314	-0.006	91	1757	1.00	1.00	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	2.332	2.338	-0.006	69	2550	1.00	0.8278	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.399	2.399	0.000	85	4325	1.00	1.07	a
20 Acrolein	56	2.460	2.460	0.000	72	1164	4.06	4.07	
21 112TCTFE	101	2.466	2.478	-0.012	32	2342	1.00	1.05	M
22 1,1-Dichloroethene	96	2.478	2.490	-0.012	90	3217	1.00	1.03	
23 Acetone	58	2.582	2.569	0.013	83	1552	5.00	5.26	
24 Iodomethane	142	2.630	2.636	-0.006	89	6396	1.00	0.9685	
25 Isopropyl alcohol	45	2.673	2.655	0.018	32	1676	10.0	11.7	M
26 Carbon disulfide	76	2.661	2.661	0.000	98	10405	1.00	1.04	
27 3-Chloro-1-propene	76	2.788	2.782	0.006	86	1533	1.00	0.7004	
28 Methyl acetate	74	2.795	2.795	0.000	96	1198	2.00	2.21	
29 Cyclopentene	67	2.801	2.807	-0.006	76	5630	1.00	0.9384	
30 Acetonitrile	41	2.849	2.849	0.000	35	2936	10.0	9.28	Ma
* 31 TBA-d9 (IS)	66	2.898	2.904	-0.006	70	41227	1000.0	1000.0	
32 Methylene Chloride	84	2.898	2.904	-0.006	31	3722	1.00	1.03	
33 2-Methyl-2-propanol	59	2.959	2.971	-0.012	28	3411	10.0	11.9	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Methyl tert-butyl ether	73	3.068	3.062	0.006	93	7562	1.00	0.99	
35 trans-1,2-Dichloroethene	96	3.074	3.080	-0.006	84	4139	1.00	1.13	
36 Acrylonitrile	53	3.147	3.153	-0.006	91	10008	10.0	9.75	
37 Hexane	56	3.233	3.227	0.007	71	893	1.00	0.9626	
38 Isopropyl ether	45	3.421	3.433	-0.012	91	7554	1.00	1.06	a
39 1,1-Dichloroethane	63	3.458	3.458	0.000	71	4965	1.00	0.9650	
40 Vinyl acetate	86	3.464	3.470	-0.006	98	1425	2.00	1.91	
41 2-Chloro-1,3-butadiene	88	3.494	3.500	-0.006	83	2969	1.00	1.02	
42 Tert-butyl ethyl ether	59	3.725	3.738	-0.013	90	7334	1.00	1.04	
* 43 2-Butanone-d5	46	3.914	3.914	0.000	98	255416	250.0	250.0	
44 2,2-Dichloropropane	79	3.908	3.932	-0.024	48	1645	1.00	1.22	M
45 cis-1,2-Dichloroethene	96	3.950	3.957	-0.007	93	4000	1.00	1.01	
46 2-Butanone (MEK)	72	3.969	3.969	0.000	98	2507	5.00	5.72	
47 Ethyl acetate	70	3.981	3.975	0.006	96	925	2.00	2.42	
48 Methyl acrylate	55	4.023	4.023	0.000	73	2082	1.00	0.9262	
49 Propionitrile	54	4.103	4.096	0.006	97	3865	10.0	9.67	
50 Tetrahydrofuran	72	4.188	4.176	0.012	34	977	2.00	2.08	a
51 Chlorobromomethane	128	4.176	4.176	0.000	71	2455	1.00	1.07	
52 Methacrylonitrile	67	4.194	4.194	0.000	84	11022	10.0	8.70	
53 Chloroform	83	4.224	4.224	0.000	99	5555	1.00	0.9653	
54 Cyclohexane	84	4.340	4.346	-0.006	56	3121	1.00	0.9159	
55 1,1,1-Trichloroethane	97	4.364	4.364	0.000	35	4864	1.00	1.01	
$ 56 Dibromofluoromethane (Surr)	113	4.370	4.376	-0.006	96	174547	50.0	51.6	
57 Carbon tetrachloride	117	4.468	4.480	-0.012	77	3831	1.00	0.9012	
58 1,1-Dichloropropene	75	4.504	4.504	0.000	93	3734	1.00	0.9306	
59 Isobutyl alcohol	43	4.656	4.632	0.024	29	3460	25.0	29.2	Ma
60 Isooctane	57	4.662	4.668	-0.006	31	2356	1.00	0.8662	a
61 Benzene	78	4.693	4.699	-0.006	90	12055	1.00	0.9648	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.711	4.711	0.000	81	158242	50.0	50.7	
64 Isopropyl acetate	43	4.760	4.760	0.000	81	5713	1.00	0.9153	
63 Tert-amyl methyl ether	73	4.760	4.766	-0.006	85	7722	1.00	0.9334	a
65 1,2-Dichloroethane	62	4.784	4.784	0.000	96	4479	1.00	1.10	
66 n-Heptane	57	4.845	4.851	-0.006	67	754	1.00	0.9748	
* 67 Fluorobenzene	96	4.979	4.979	0.000	100	568102	50.0	50.0	
68 n-Butanol	56	5.307	5.277	0.030	23	2471	25.0	32.6	M
69 Trichloroethene	95	5.325	5.319	0.006	90	3541	1.00	1.04	
71 Methylcyclohexane	83	5.435	5.441	-0.006	72	2566	1.00	0.9090	
70 Ethyl acrylate	99	5.441	5.447	-0.006	96	531	1.00	1.15	
72 1,2-Dichloropropane	63	5.605	5.599	0.006	79	2613	1.00	0.9408	
* 73 1,4-Dioxane-d8	96	5.654	5.654	0.000	74	32811	1000.0	1000.0	
74 Methyl methacrylate	100	5.678	5.684	-0.006	42	1896	2.00	2.06	
75 1,4-Dioxane	88	5.709	5.709	0.000	55	2065	30.0	29.8	
76 Dibromomethane	93	5.721	5.727	-0.006	89	2332	1.00	1.03	
77 n-Propyl acetate	43	5.739	5.739	0.000	93	3719	1.00	1.11	
78 Dichlorobromomethane	83	5.873	5.879	-0.006	96	4107	1.00	0.9823	
79 2-Nitropropane	41	6.201	6.214	-0.013	88	1568	2.00	2.45	
80 2-Chloroethyl vinyl ether	63	6.207	6.214	-0.007	63	1158	1.00	0.8907	
81 Epichlorohydrin	57	6.323	6.311	0.012	97	4469	20.0	15.6	
82 cis-1,3-Dichloropropene	75	6.366	6.366	0.000	88	4335	1.00	0.9037	
83 4-Methyl-2-pentanone (MIBK)	43	6.536	6.536	0.000	94	9333	5.00	3.92	
$ 84 Toluene-d8 (Surr)	98	6.609	6.609	0.000	99	585750	50.0	50.4	
85 Toluene	91	6.682	6.682	0.000	90	13598	1.00	1.02	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	7.029	7.035	-0.006	90	3674	1.00	0.8588	
87 Ethyl methacrylate	69	7.059	7.065	-0.006	61	1997	1.00	1.03	
88 1,1,2-Trichloroethane	83	7.242	7.242	0.000	93	2193	1.00	0.9093	
89 Tetrachloroethene	166	7.272	7.278	-0.006	84	2796	1.00	0.9074	
90 1,3-Dichloropropane	76	7.448	7.449	0.000	85	3962	1.00	0.8889	
91 2-Hexanone	58	7.521	7.515	0.006	97	3089	5.00	4.96	
92 n-Butyl acetate	43	7.631	7.637	-0.006	88	2721	1.00	0.8503	
93 Chlorodibromomethane	129	7.674	7.674	0.000	94	3261	1.00	0.9376	
94 Ethylene Dibromide	107	7.820	7.820	0.000	99	2939	1.00	0.9109	
* 95 Chlorobenzene-d5	117	8.361	8.367	-0.006	83	467315	50.0	50.0	
96 Chlorobenzene	112	8.398	8.398	0.000	95	8554	1.00	0.9229	
97 Ethylbenzene	106	8.507	8.507	0.000	96	3953	1.00	0.8796	
98 1,1,1,2-Tetrachloroethane	131	8.525	8.525	0.000	89	3519	1.00	0.9630	
99 m-Xylene & p-Xylene	106	8.659	8.665	-0.006	97	4171	1.00	0.7843	
100 o-Xylene	106	9.176	9.182	-0.006	93	4472	1.00	0.8034	
101 n-Butyl acrylate	73	9.176	9.182	-0.006	51	1596	1.00	0.7701	
102 Styrene	104	9.213	9.219	-0.006	96	5741	1.00	1.03	
104 Bromoform	173	9.468	9.462	0.006	81	1978	1.00	0.8964	
103 Amyl acetate (mixed isomers)	43	9.468	9.462	0.006	93	2915	1.00	0.7684	
105 Isopropylbenzene	105	9.614	9.614	0.000	94	10181	1.00	0.8106	
$ 106 4-Bromofluorobenzene	174	9.839	9.839	0.000	93	167255	50.0	49.4	
107 Bromobenzene	156	9.979	9.979	0.000	86	3914	1.00	0.99	
108 1,1,2,2-Tetrachloroethane	83	10.052	10.046	0.006	97	3841	1.00	0.9426	
109 N-Propylbenzene	91	10.077	10.071	0.006	99	10466	1.00	0.8320	
110 1,2,3-Trichloropropane	110	10.095	10.095	0.000	92	1231	1.00	0.9406	
111 trans-1,4-Dichloro-2-butene	53	10.131	10.119	0.012	21	594	1.00	0.7560	
112 2-Chlorotoluene	91	10.180	10.180	0.000	94	8994	1.00	0.8874	
113 4-Ethyltoluene	105	10.198	10.198	0.000	96	9388	1.00	0.8148	
114 1,3,5-Trimethylbenzene	105	10.271	10.271	0.000	94	7208	1.00	0.7467	
115 4-Chlorotoluene	91	10.308	10.308	0.000	96	7748	1.00	0.8186	
116 Butyl Methacrylate	87	10.393	10.393	0.000	77	1296	1.00	0.3279	
117 tert-Butylbenzene	119	10.582	10.582	0.000	94	6078	1.00	0.8266	
118 1,2,4-Trimethylbenzene	105	10.642	10.642	0.000	94	7787	1.00	0.7537	
119 sec-Butylbenzene	105	10.794	10.794	0.000	98	7531	1.00	0.7551	
120 1,3-Dichlorobenzene	146	10.928	10.928	0.000	97	6479	1.00	0.9433	
121 4-Isopropyltoluene	119	10.934	10.934	0.000	88	6619	1.00	0.7589	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	94	261485	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.020	11.020	0.000	94	7192	1.00	0.99	
124 1,2,3-Trimethylbenzene	105	11.044	11.044	0.000	96	9994	1.00	0.8166	
125 Benzyl chloride	126	11.159	11.159	0.000	99	1447	1.00	0.8044	
126 2,3-Dihydroindene	117	11.220	11.220	0.000	91	9640	1.00	0.7525	
127 p-Diethylbenzene	119	11.281	11.287	-0.006	90	4204	1.00	0.8986	
128 n-Butylbenzene	92	11.305	11.305	0.000	96	3405	1.00	0.8490	
129 1,2-Dichlorobenzene	146	11.354	11.354	0.000	91	6229	1.00	0.8619	
130 1,2,4,5-Tetramethylbenzene	119	11.950	11.956	-0.006	98	6372	1.00	0.7500	
131 1,2-Dibromo-3-Chloropropane	157	12.035	12.036	-0.001	54	1118	1.00	1.03	
132 1,3,5-Trichlorobenzene	180	12.157	12.151	0.006	96	3309	1.00	0.9377	
133 1,2,4-Trichlorobenzene	180	12.650	12.650	0.000	93	2985	1.00	0.9052	
134 Hexachlorobutadiene	225	12.729	12.741	-0.012	39	958	1.00	1.09	
135 Naphthalene	128	12.845	12.845	0.000	99	9122	1.00	0.8072	
136 1,2,3-Trichlorobenzene	180	13.021	13.021	0.000	92	2394	1.00	0.8718	
S 137 1,2-Dichloroethene, Total	100				0		2.00	2.14	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		2.00	1.59	
S 139 Total BTEX	1				0		5.00	4.45	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00151	Amount Added: 10.00	Units: uL		
GASES Li_00469	Amount Added: 10.00	Units: uL		
ACROLEIN W_00138	Amount Added: 4.00	Units: uL		
524freon_00050	Amount Added: 10.00	Units: uL		
14DIOXINTER_00139	Amount Added: 10.00	Units: uL		
8260ISNEW_00120	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00226	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 31-Mar-2022 17:58:11 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47428.D

Injection Date: 31-Mar-2022 00:49:30 Instrument ID: CVOAMS11 Operator ID:

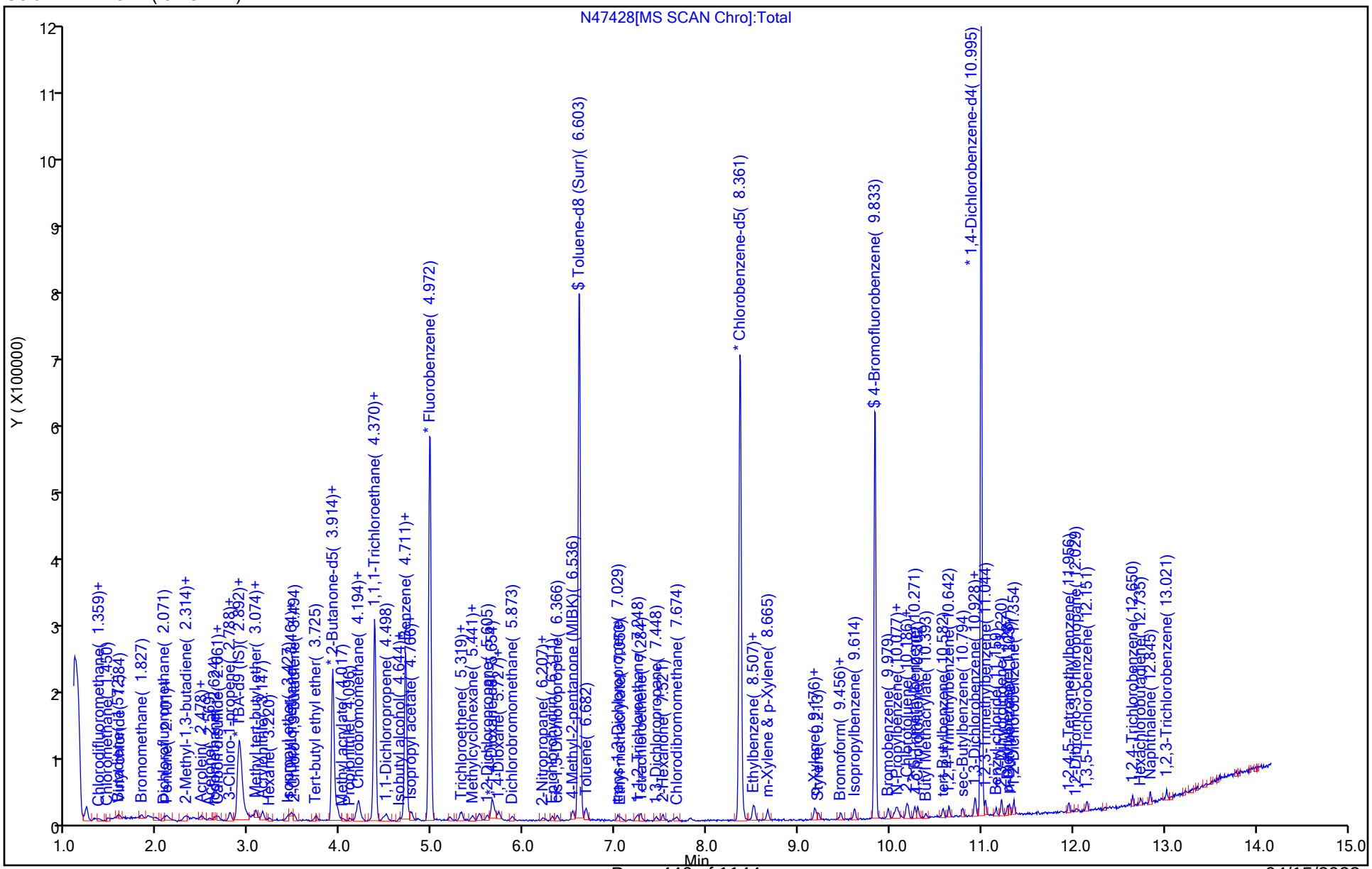
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 20

Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

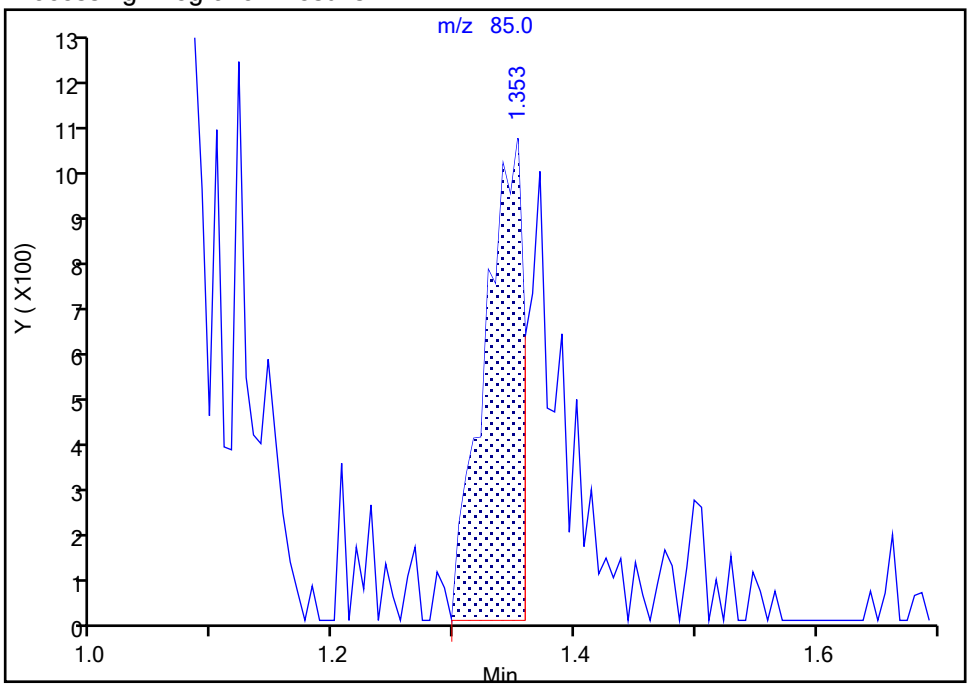
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47428.D
Injection Date: 31-Mar-2022 00:49:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

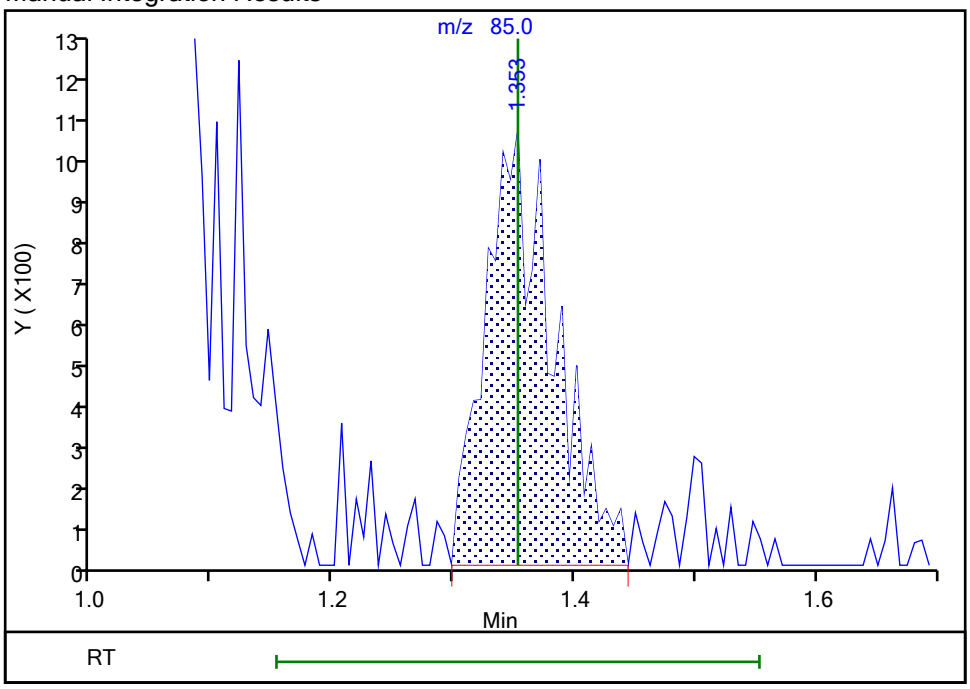
Processing Integration Results

RT: 1.35
Area: 2240
Amount: 0.625548
Amount Units: ug/l



Manual Integration Results

RT: 1.35
Area: 3924
Amount: 0.917358
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:26:51
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

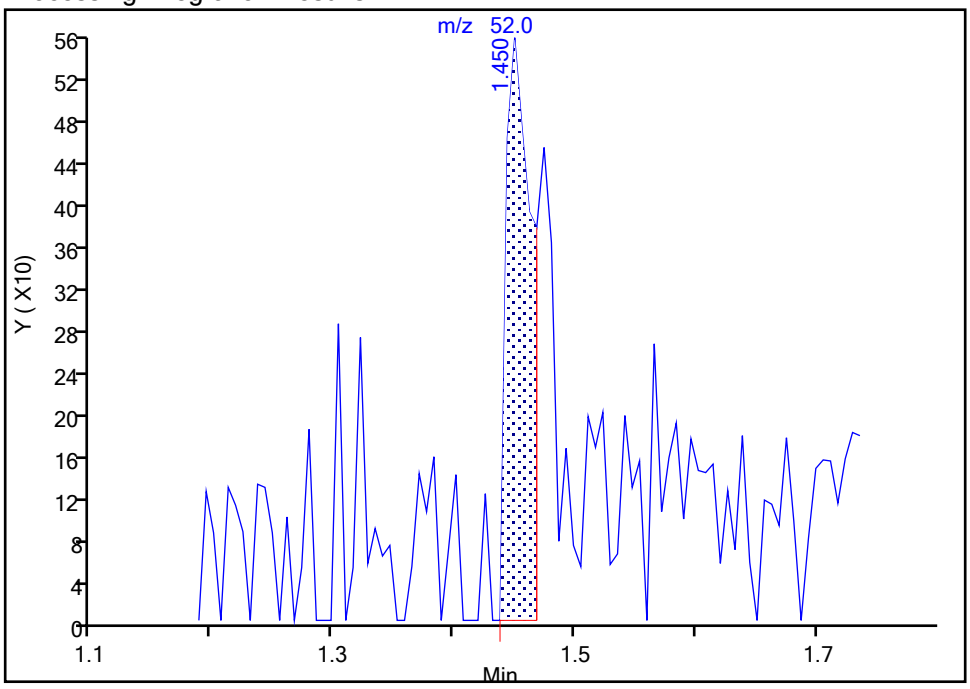
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47428.D
Injection Date: 31-Mar-2022 00:49:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Chloromethane, CAS: 74-87-3

Signal: 1

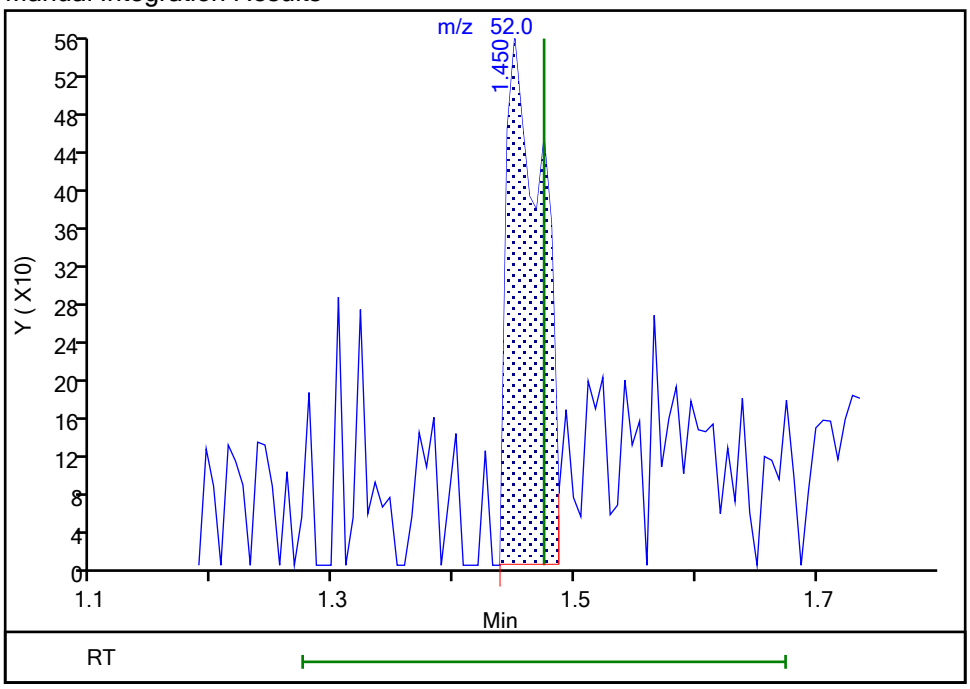
Processing Integration Results

RT: 1.45
Area: 815
Amount: 0.845490
Amount Units: ug/l



Manual Integration Results

RT: 1.45
Area: 1134
Amount: 1.114930
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:27:13
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

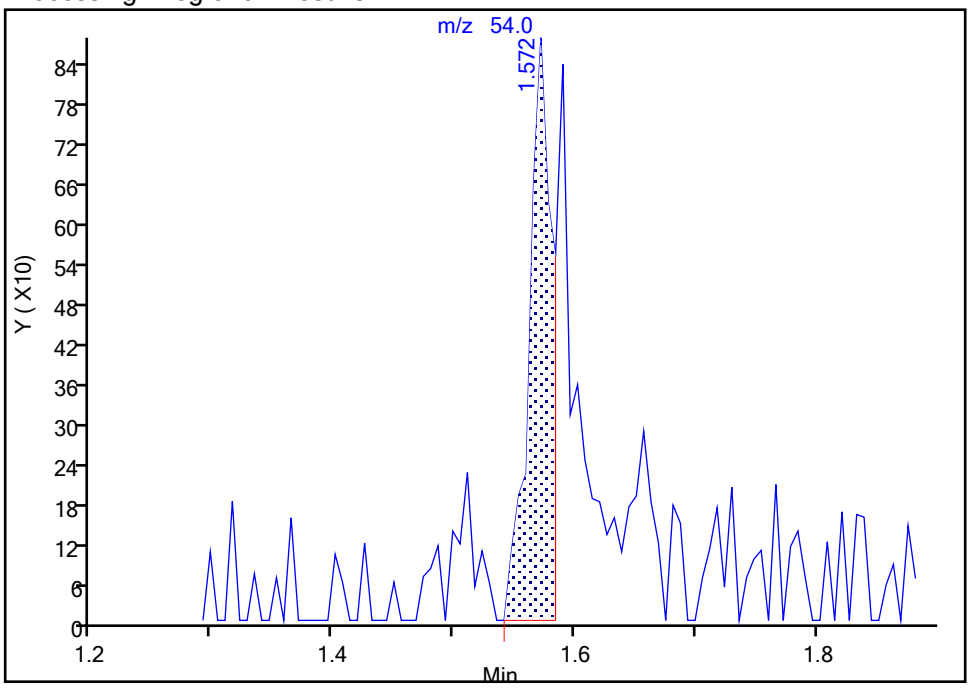
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47428.D
Injection Date: 31-Mar-2022 00:49:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

9 Butadiene, CAS: 106-99-0

Signal: 1

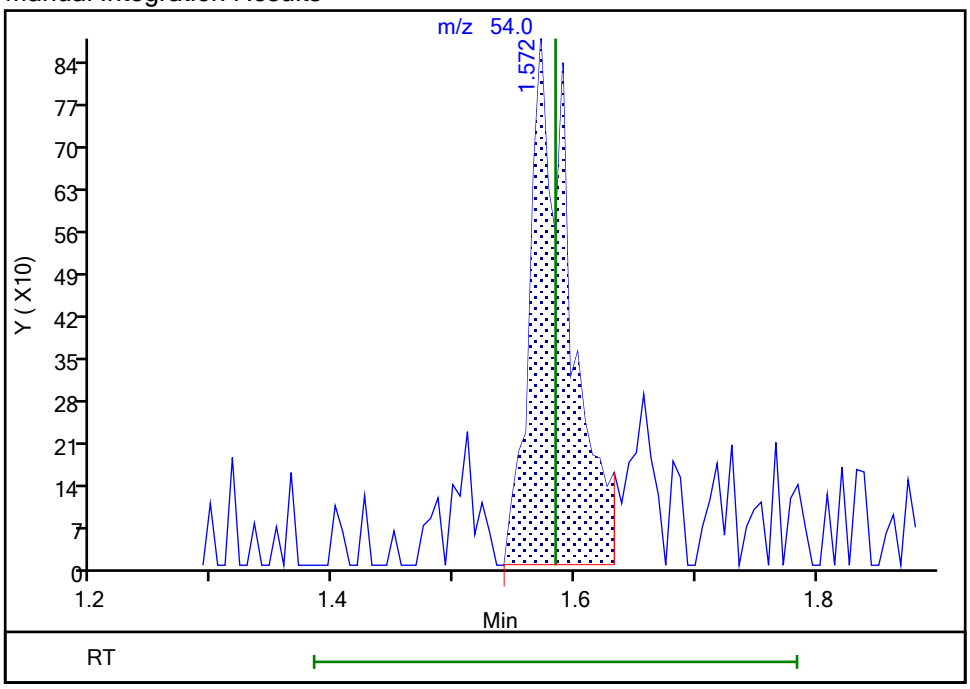
Processing Integration Results

RT: 1.57
Area: 1175
Amount: 0.646380
Amount Units: ug/l



Manual Integration Results

RT: 1.57
Area: 2039
Amount: 1.074999
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:27:44
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

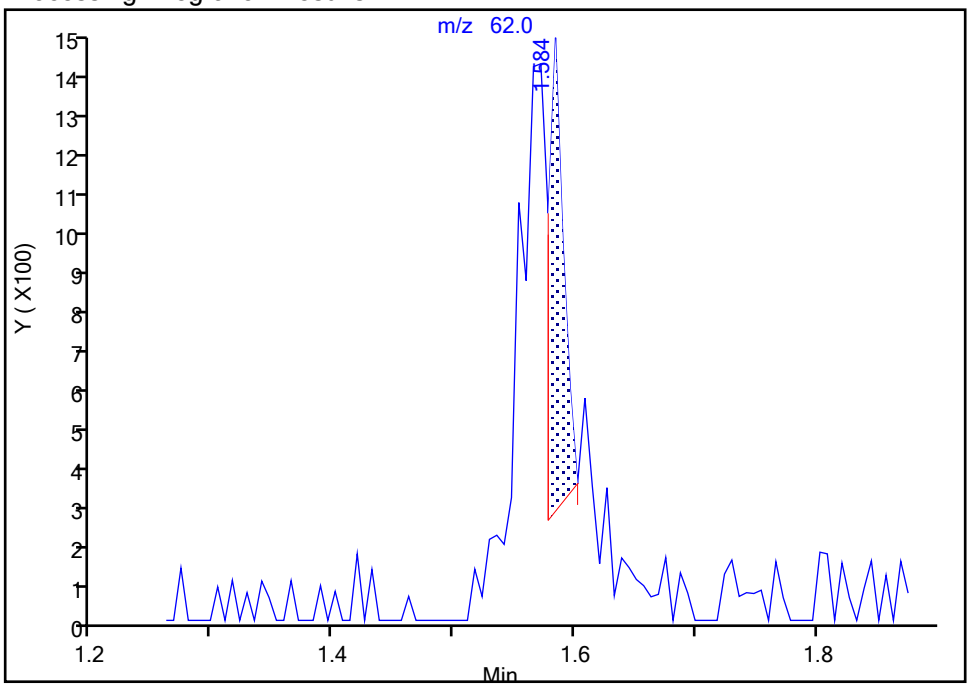
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47428.D
Injection Date: 31-Mar-2022 00:49:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

8 Vinyl chloride, CAS: 75-01-4

Signal: 1

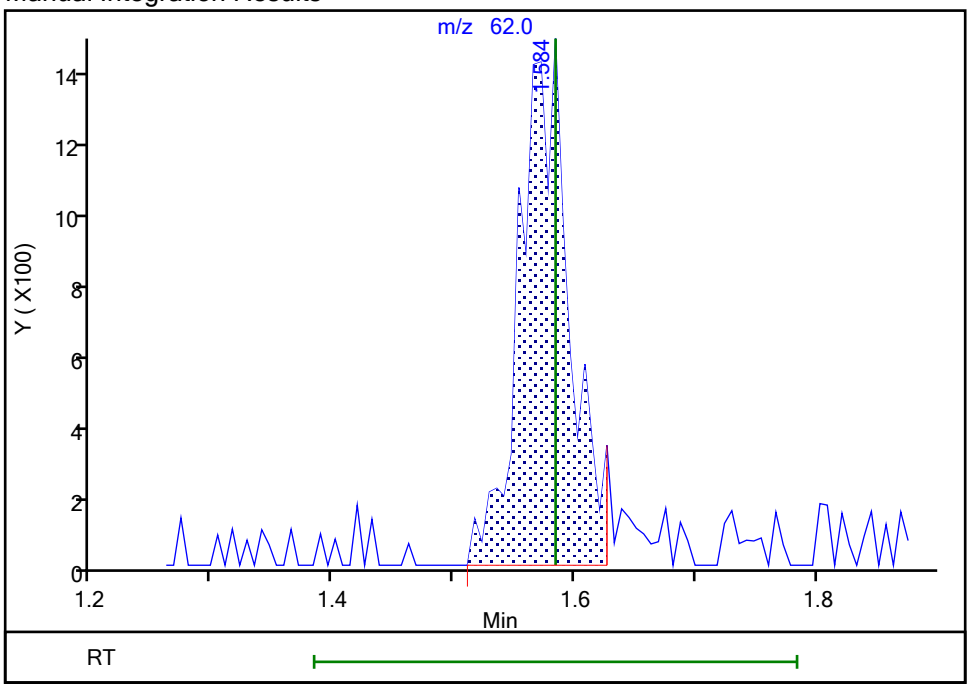
Processing Integration Results

RT: 1.58
Area: 1013
Amount: 0.329981
Amount Units: ug/l



Manual Integration Results

RT: 1.58
Area: 4057
Amount: 1.135052
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:27:25
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

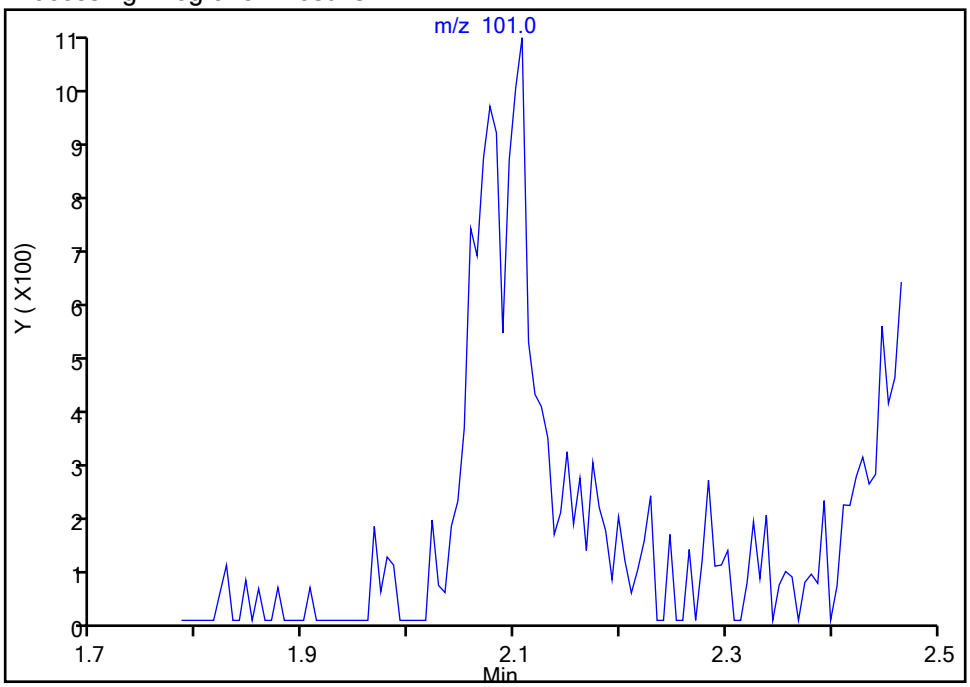
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47428.D
Injection Date: 31-Mar-2022 00:49:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

13 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

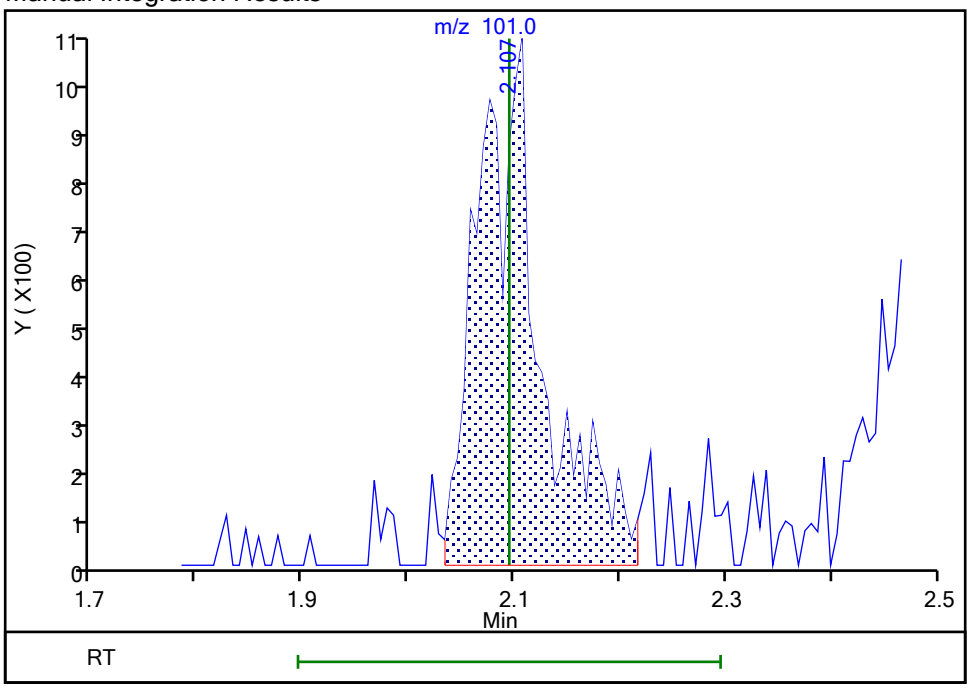
Not Detected
Expected RT: 2.09

Processing Integration Results



Manual Integration Results

RT: 2.11
Area: 4576
Amount: 0.941371
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:27:52
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

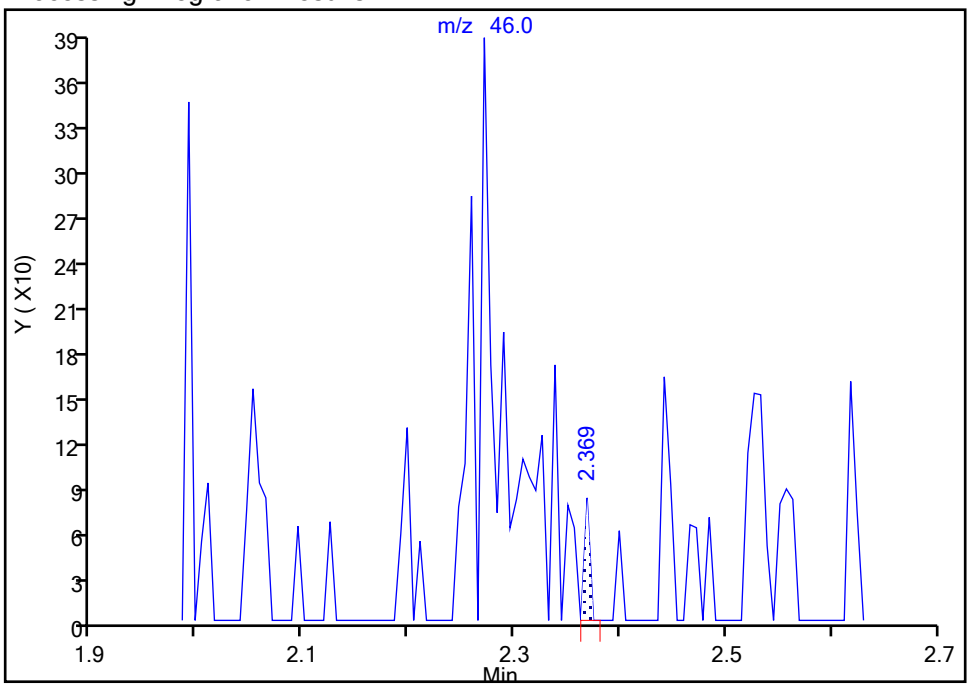
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47428.D
Injection Date: 31-Mar-2022 00:49:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 Ethanol, CAS: 64-17-5

Signal: 1

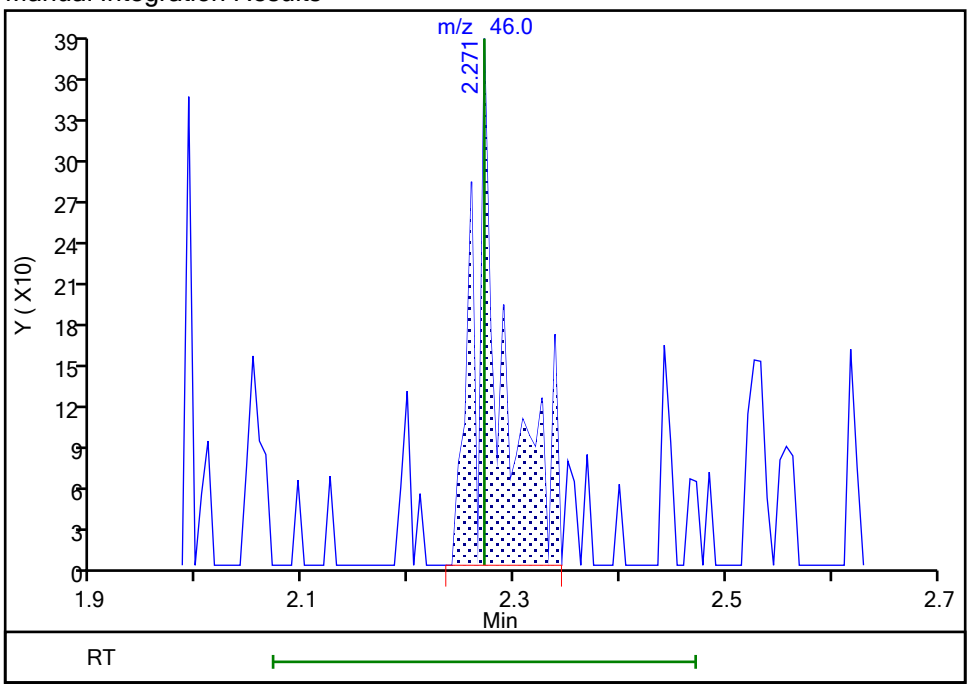
Processing Integration Results

RT: 2.37
Area: 30
Amount: 2.803858
Amount Units: ug/l



Manual Integration Results

RT: 2.27
Area: 737
Amount: 41.001487
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:28:00
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

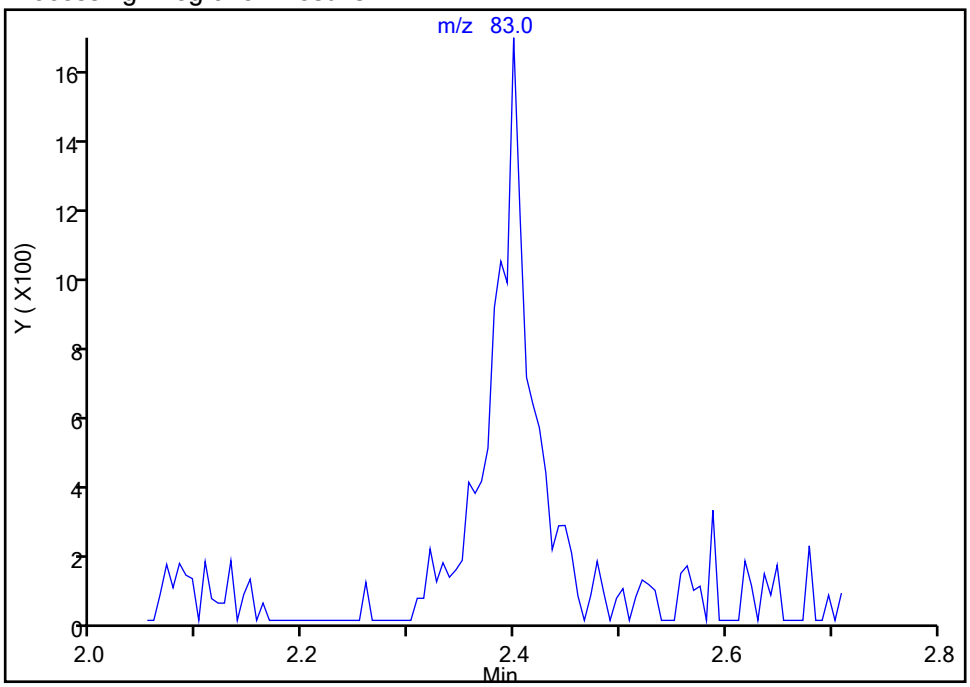
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47428.D
Injection Date: 31-Mar-2022 00:49:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

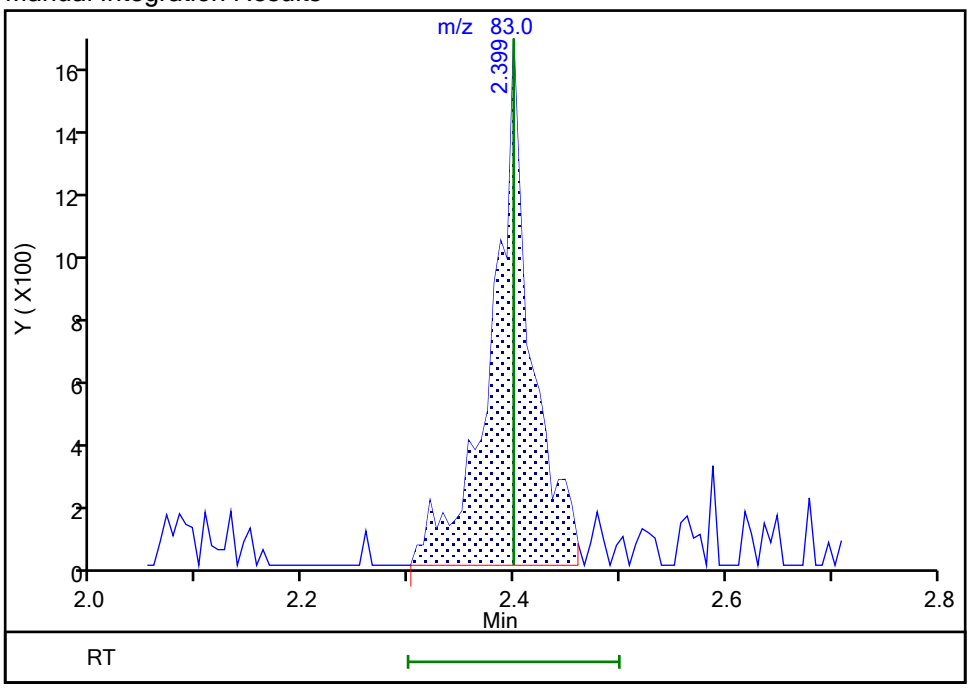
Not Detected
Expected RT: 2.40

Processing Integration Results



Manual Integration Results

RT: 2.40
Area: 4325
Amount: 1.066022
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:28:07
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

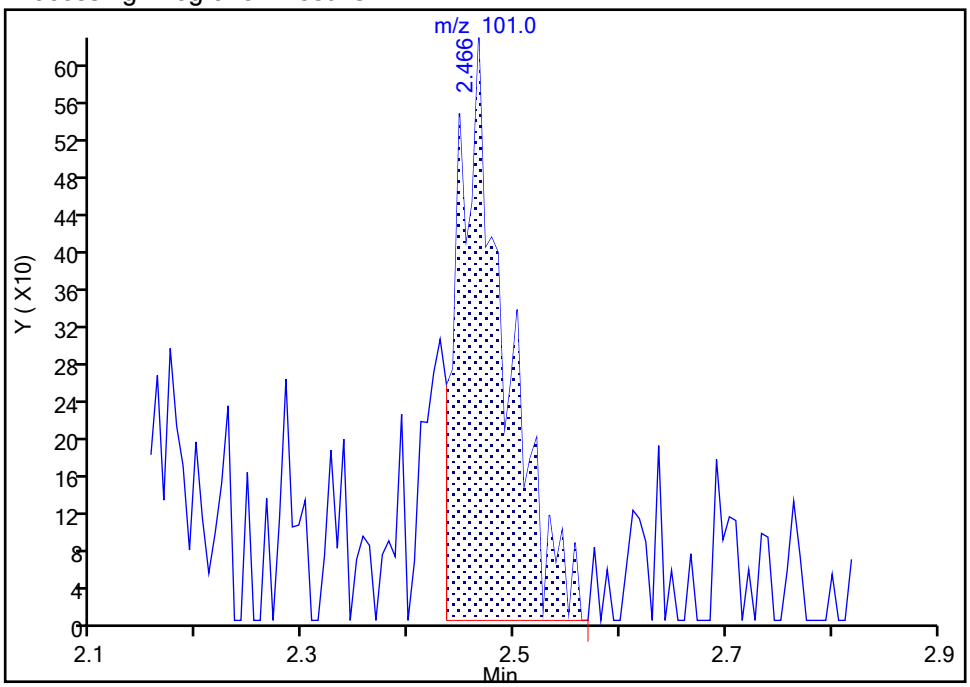
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47428.D
Injection Date: 31-Mar-2022 00:49:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

21 112TCTFE, CAS: 76-13-1

Signal: 1

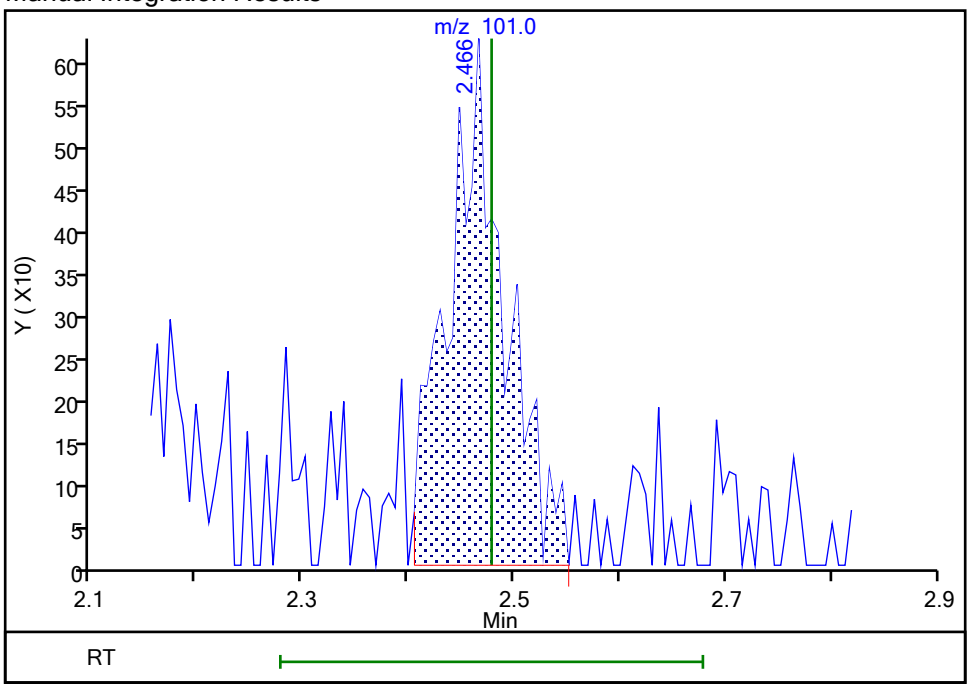
Processing Integration Results

RT: 2.47
Area: 1984
Amount: 0.917802
Amount Units: ug/l



Manual Integration Results

RT: 2.47
Area: 2342
Amount: 1.053473
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:28:22
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

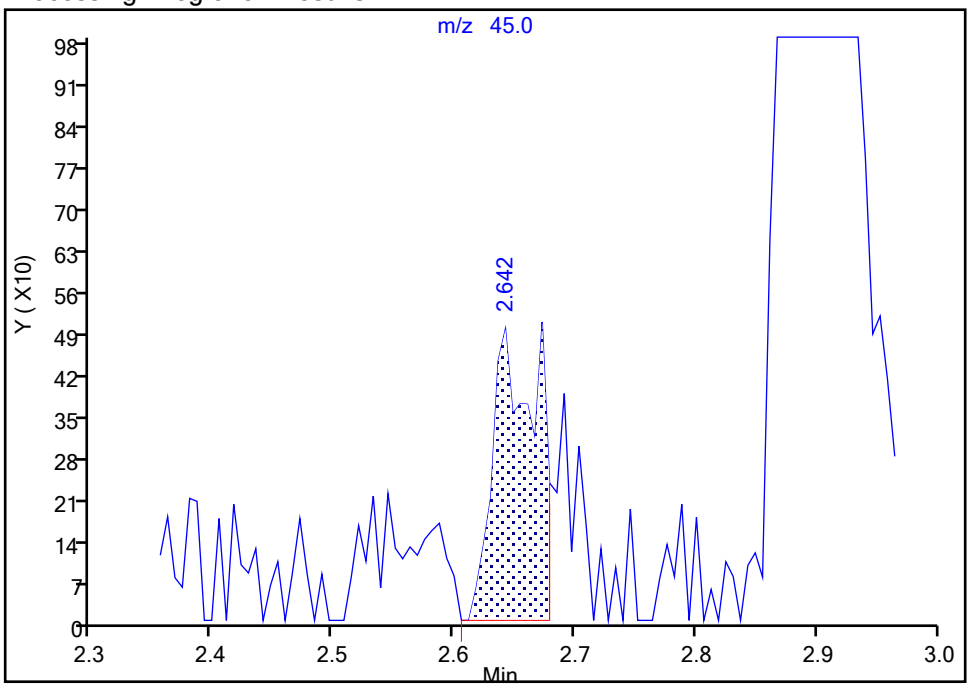
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47428.D
Injection Date: 31-Mar-2022 00:49:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

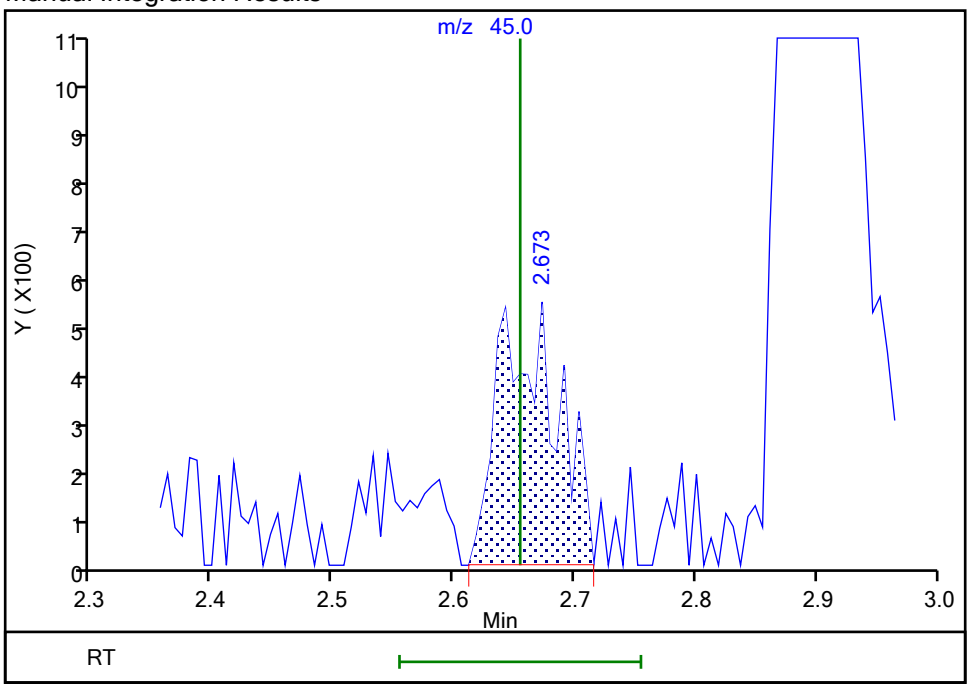
Processing Integration Results

RT: 2.64
Area: 1256
Amount: 9.319774
Amount Units: ug/l



Manual Integration Results

RT: 2.67
Area: 1676
Amount: 11.714527
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:28:48
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

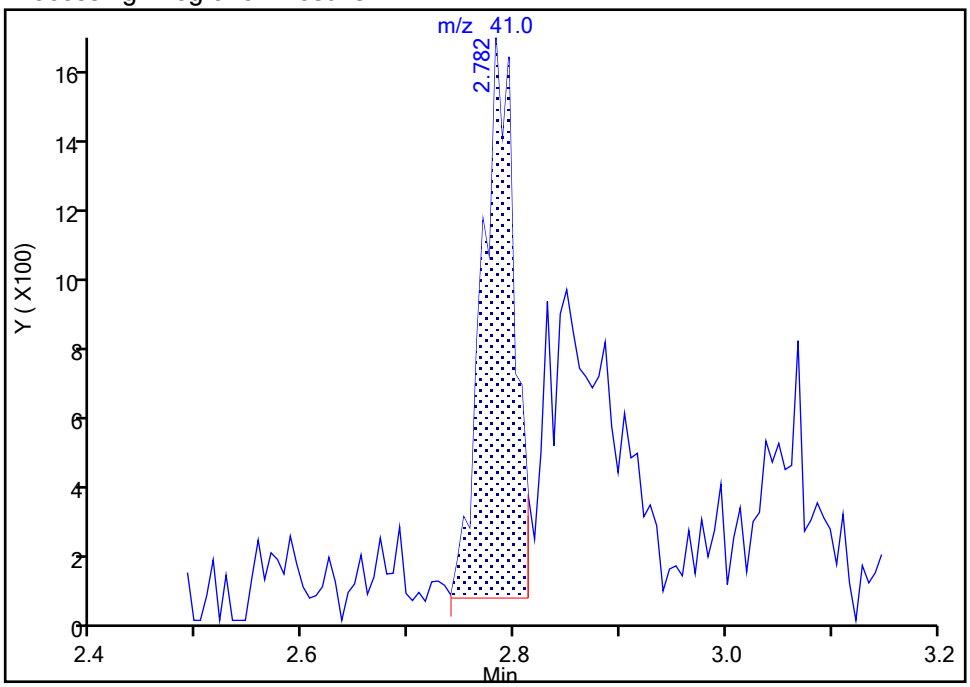
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47428.D
Injection Date: 31-Mar-2022 00:49:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

30 Acetonitrile, CAS: 75-05-8

Signal: 1

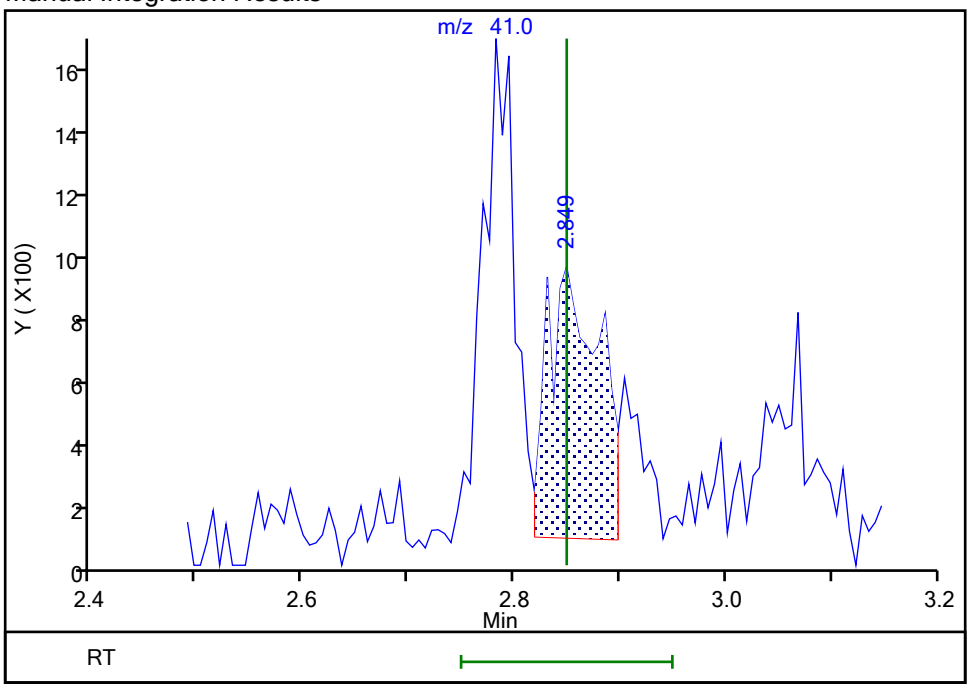
Processing Integration Results

RT: 2.78
Area: 3354
Amount: 10.889124
Amount Units: ug/l



Manual Integration Results

RT: 2.85
Area: 2936
Amount: 9.275685
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:29:14
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

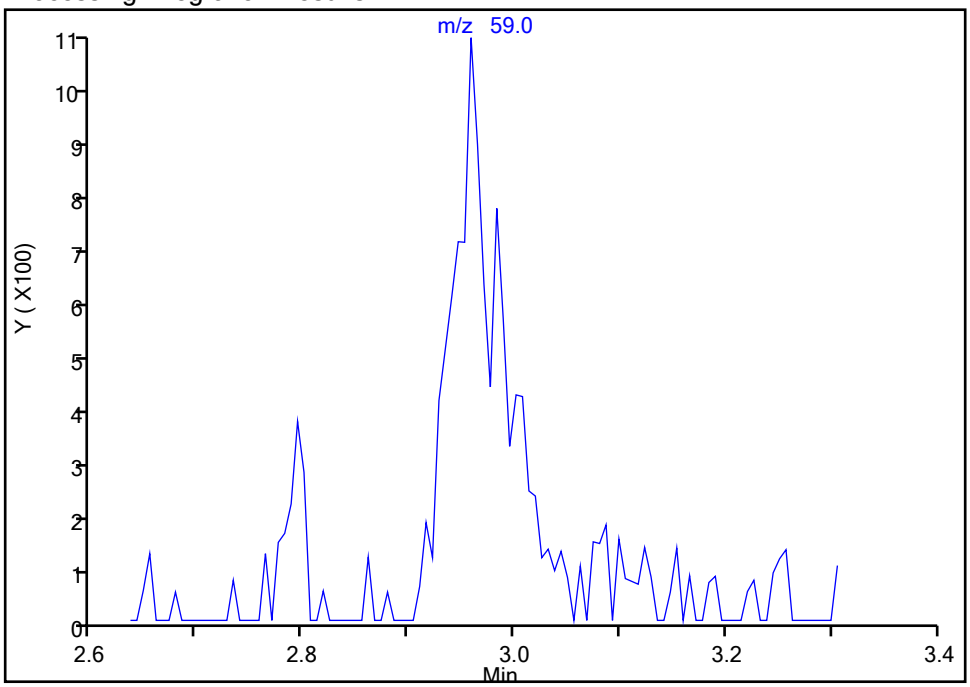
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47428.D
Injection Date: 31-Mar-2022 00:49:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

33 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

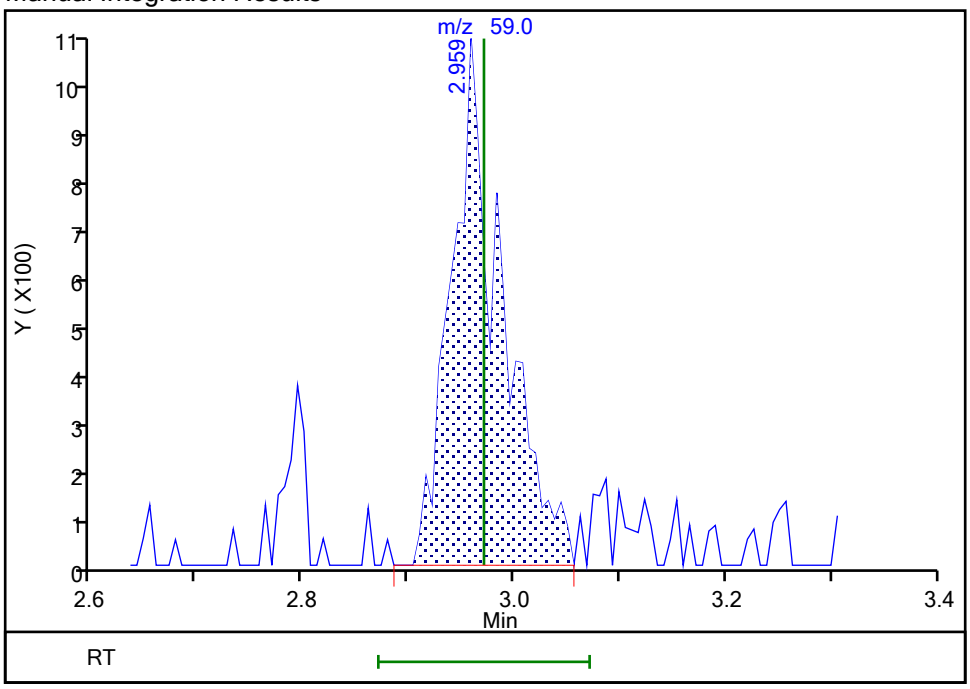
Not Detected
Expected RT: 2.97

Processing Integration Results



Manual Integration Results

RT: 2.96
Area: 3411
Amount: 11.948980
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:29:26
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

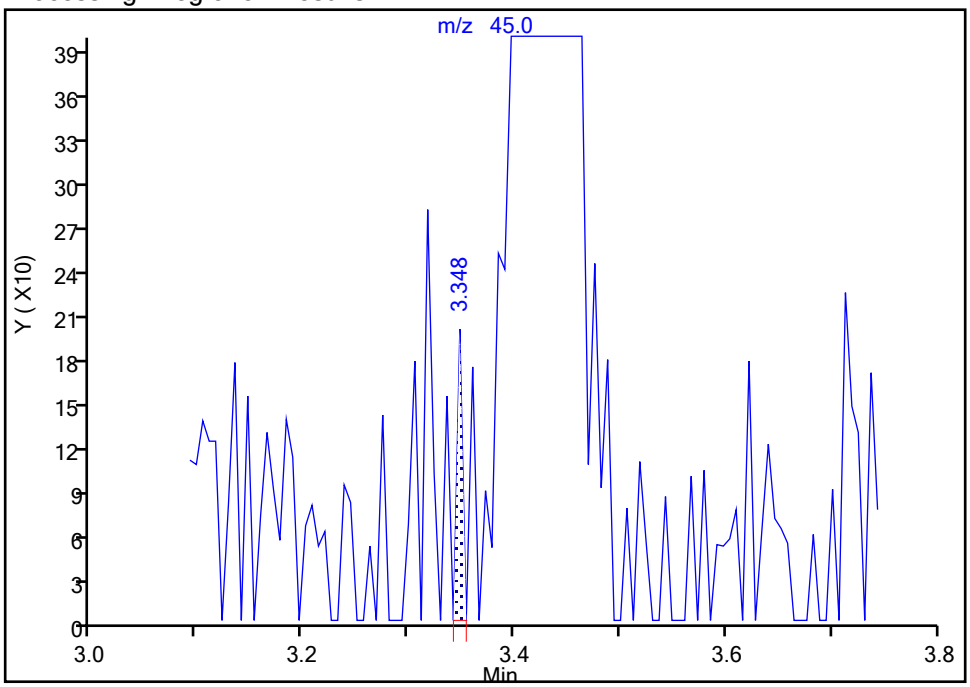
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47428.D
Injection Date: 31-Mar-2022 00:49:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

38 Isopropyl ether, CAS: 108-20-3

Signal: 1

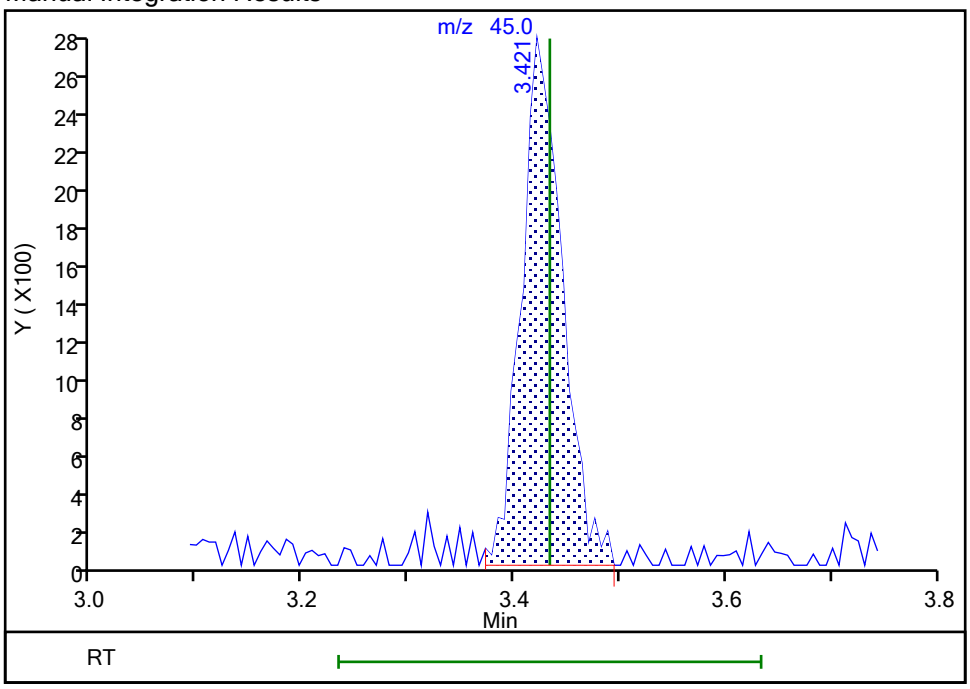
Processing Integration Results

RT: 3.35
Area: 73
Amount: 0.009260
Amount Units: ug/l



Manual Integration Results

RT: 3.42
Area: 7554
Amount: 1.057980
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:29:34
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

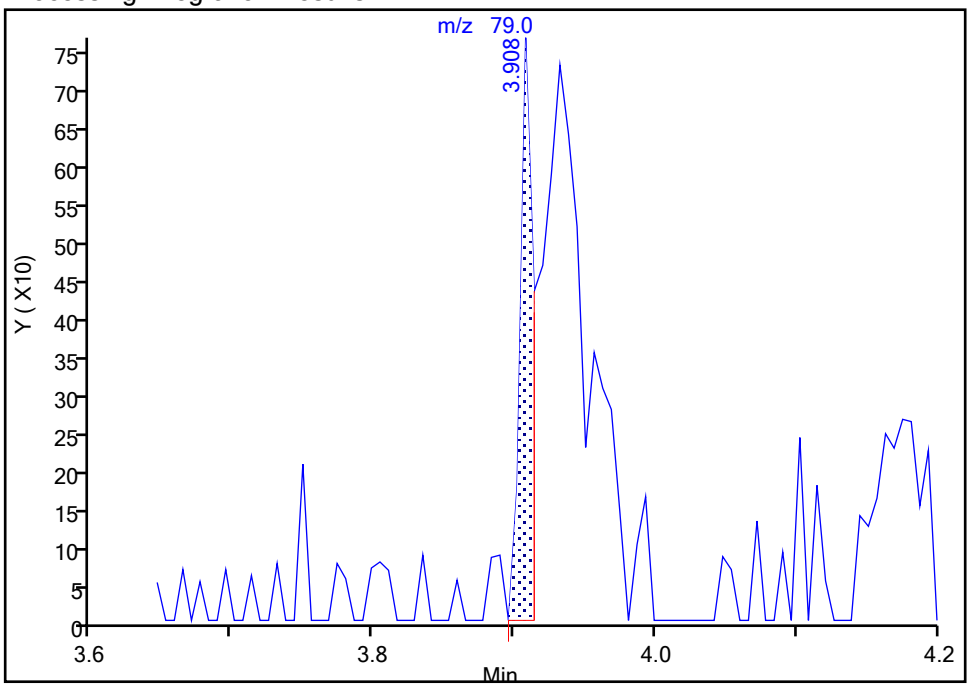
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47428.D
Injection Date: 31-Mar-2022 00:49:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

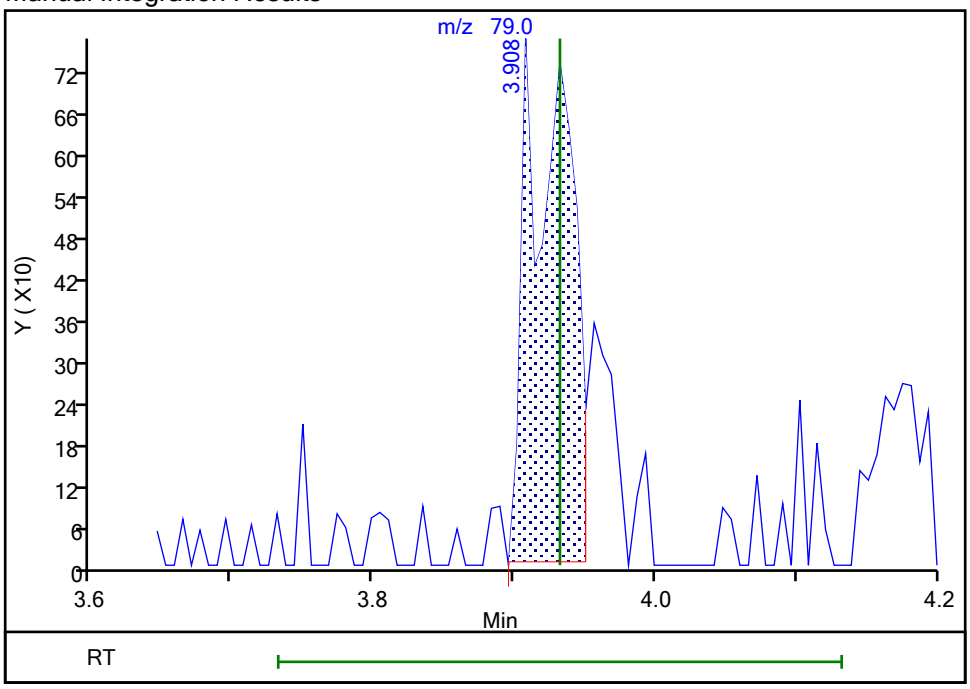
Processing Integration Results

RT: 3.91
Area: 504
Amount: 0.380777
Amount Units: ug/l



Manual Integration Results

RT: 3.91
Area: 1645
Amount: 1.216390
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:29:54
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

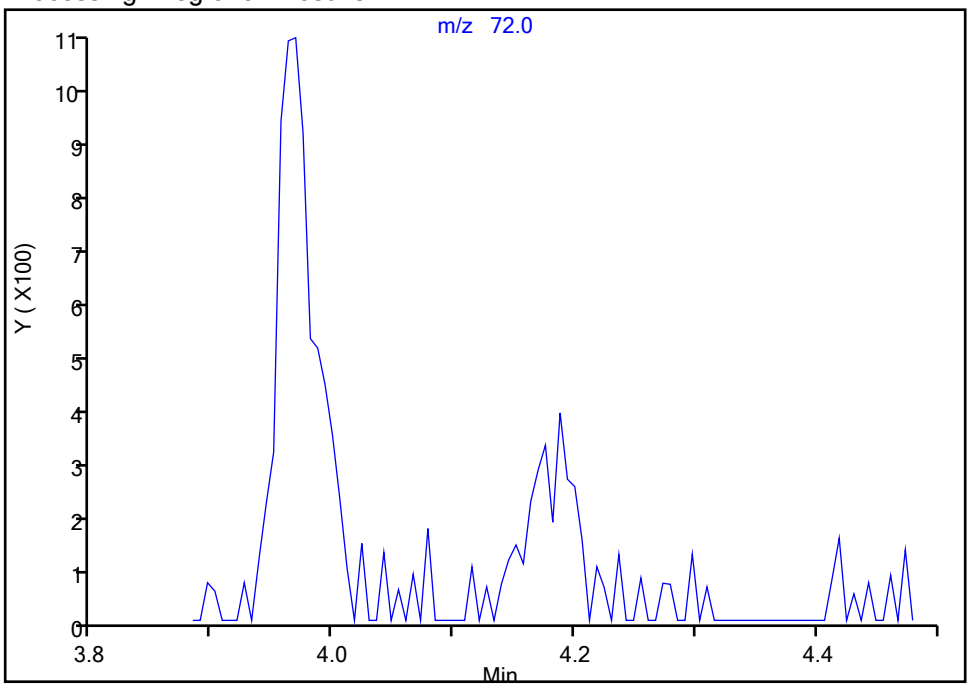
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47428.D
Injection Date: 31-Mar-2022 00:49:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

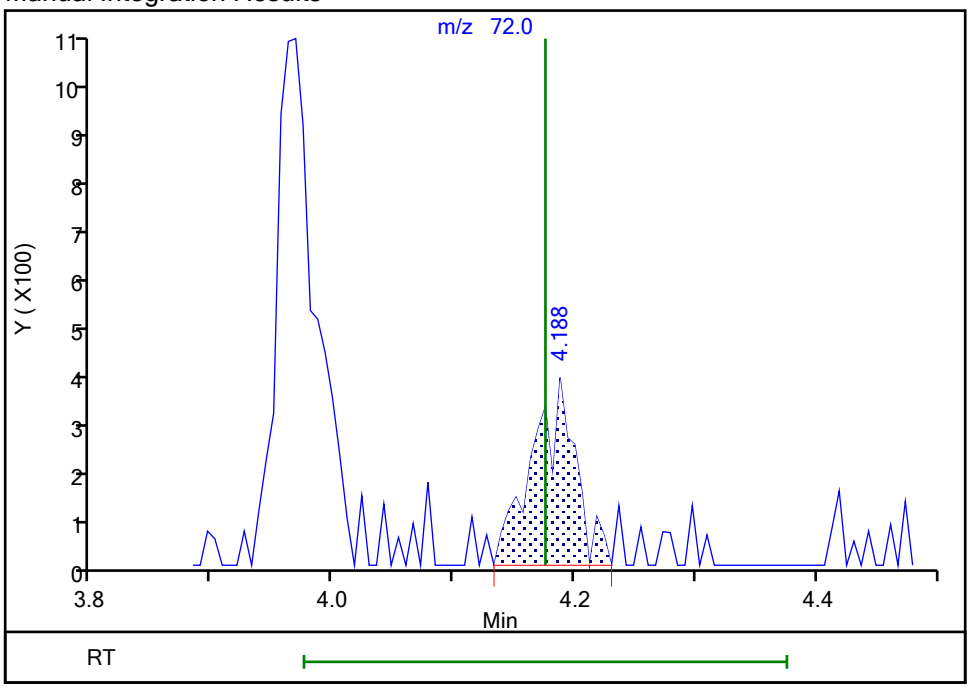
Not Detected
Expected RT: 4.18

Processing Integration Results



Manual Integration Results

RT: 4.19
Area: 977
Amount: 2.081623
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:30:06
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

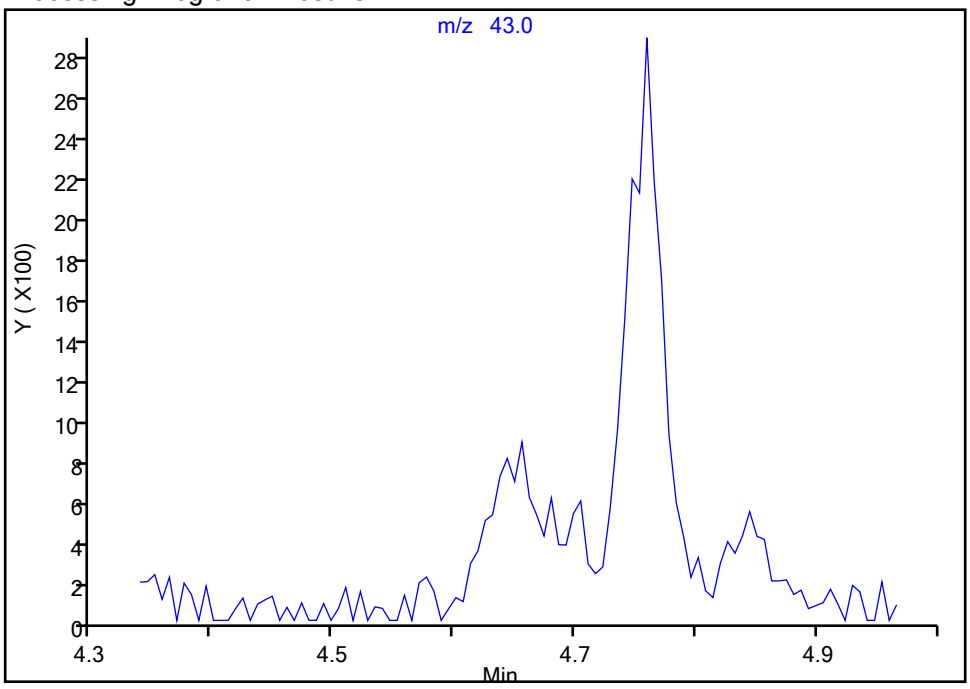
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47428.D
Injection Date: 31-Mar-2022 00:49:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

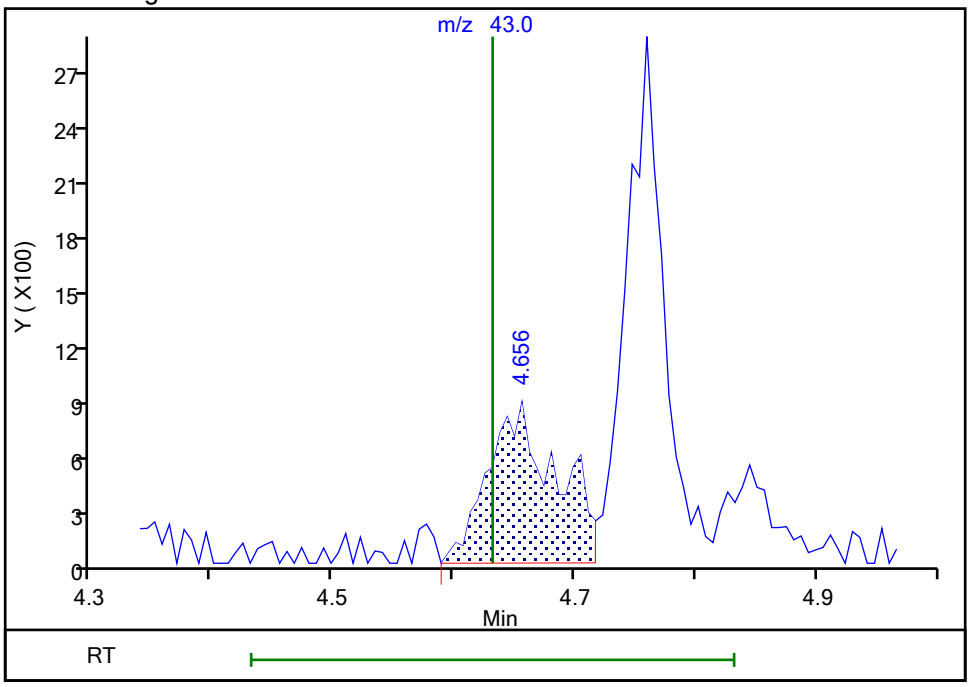
Not Detected
Expected RT: 4.63

Processing Integration Results



Manual Integration Results

RT: 4.66
Area: 3460
Amount: 29.151050
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:30:31
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

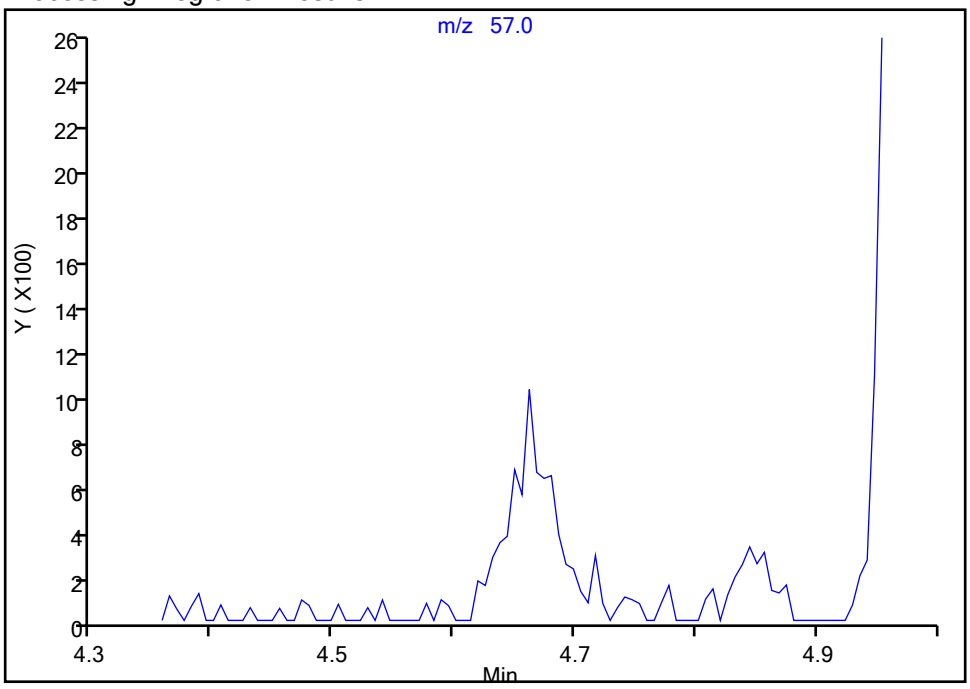
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47428.D
Injection Date: 31-Mar-2022 00:49:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

60 Isooctane, CAS: 540-84-1

Signal: 1

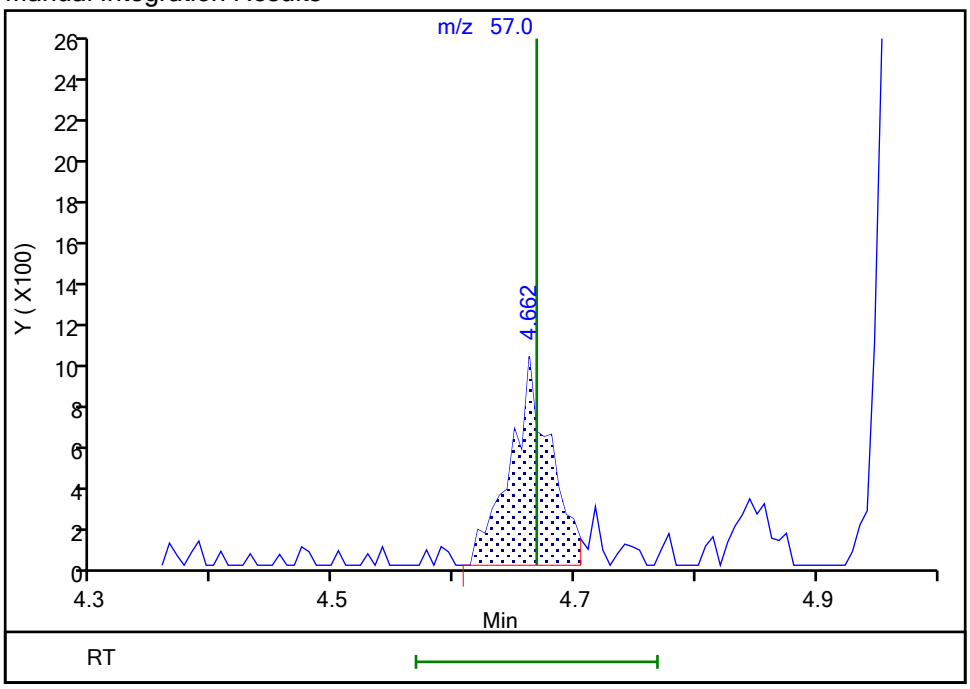
Not Detected
Expected RT: 4.67

Processing Integration Results



Manual Integration Results

RT: 4.66
Area: 2356
Amount: 0.866191
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:30:37
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

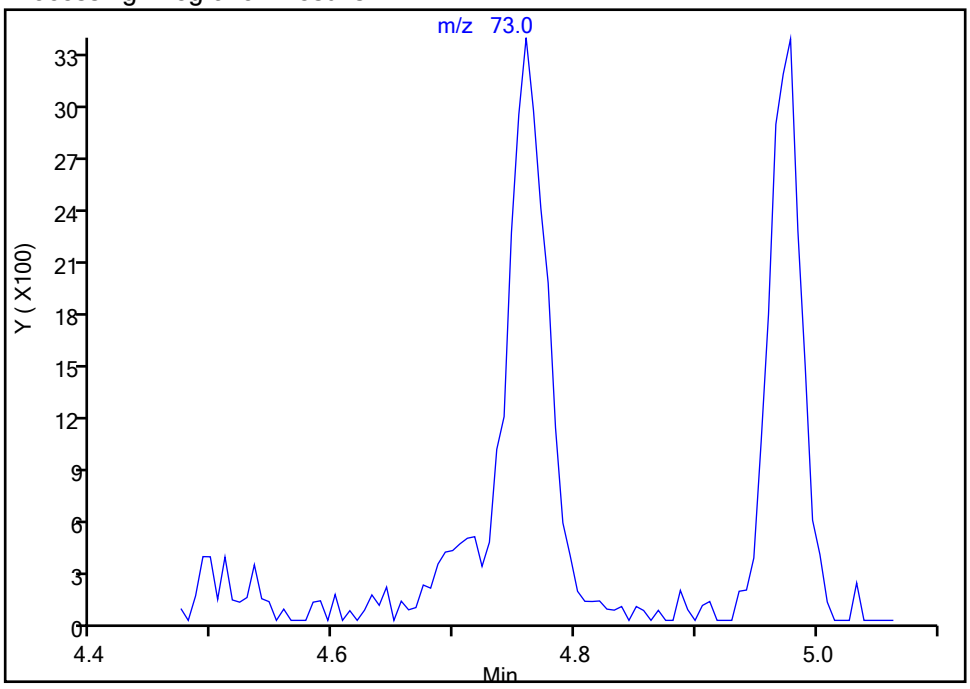
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47428.D
Injection Date: 31-Mar-2022 00:49:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

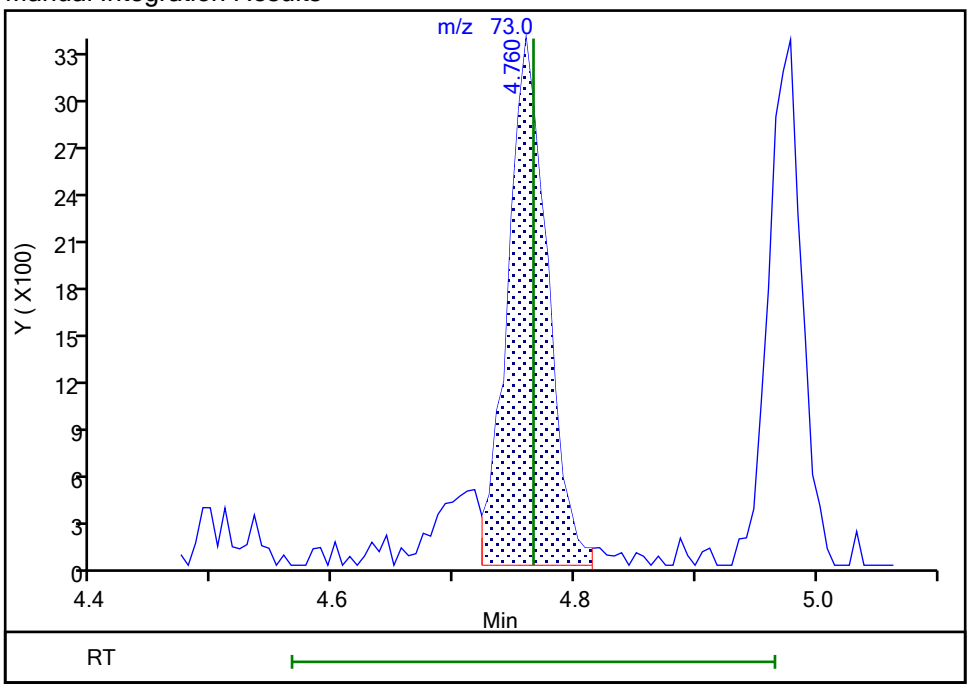
Not Detected
Expected RT: 4.77

Processing Integration Results



Manual Integration Results

RT: 4.76
Area: 7722
Amount: 0.933441
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:30:43
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

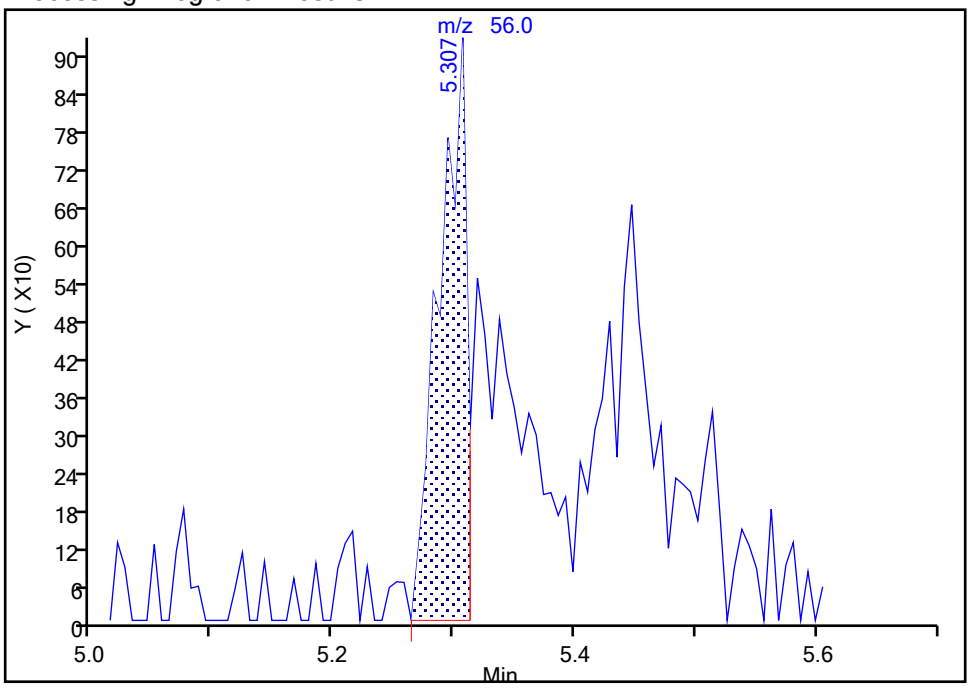
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47428.D
Injection Date: 31-Mar-2022 00:49:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

68 n-Butanol, CAS: 71-36-3

Signal: 1

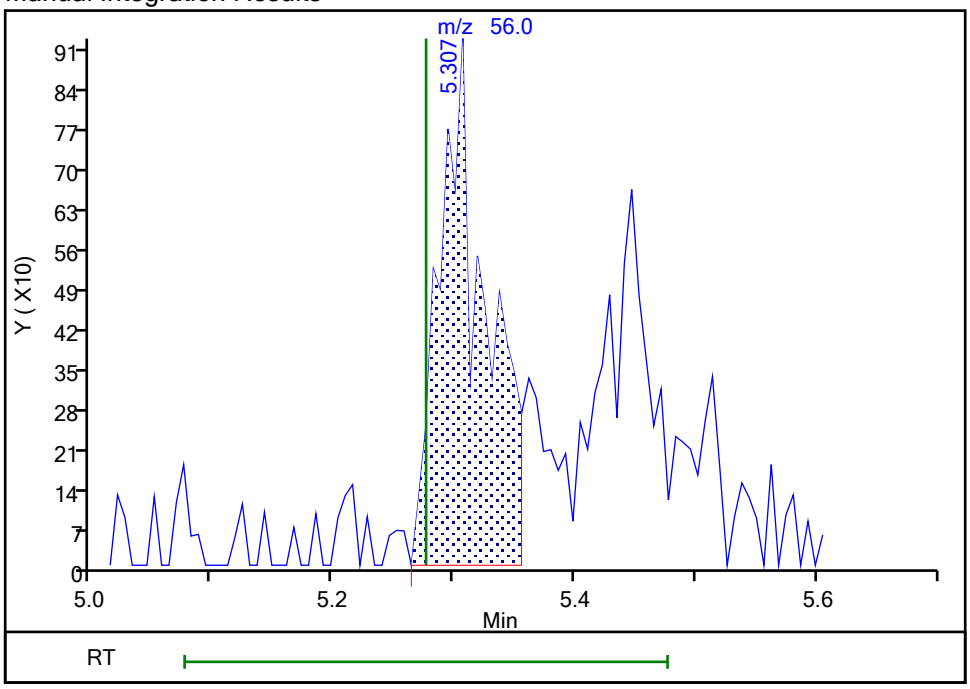
Processing Integration Results

RT: 5.31
Area: 1457
Amount: 21.002912
Amount Units: ug/l



Manual Integration Results

RT: 5.31
Area: 2471
Amount: 32.593824
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:31:32
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47429.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 31-Mar-2022 01:12:30 ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0143422-005
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Mar-2022 17:58:17 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: boykink Date: 31-Mar-2022 02:37:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	1.322	1.322	0.000	67	7405	5.00	4.96	
5 Dichlorodifluoromethane	85	1.347	1.353	-0.006	64	19715	5.00	4.37	
6 Chlorodifluoromethane	51	1.365	1.371	-0.006	96	16319	5.00	4.65	
7 Chloromethane	52	1.456	1.474	-0.018	97	4184	5.00	4.73	
8 Vinyl chloride	62	1.578	1.584	-0.006	97	17196	5.00	4.57	
9 Butadiene	54	1.572	1.584	-0.012	75	10010	5.00	4.37	
10 Bromomethane	94	1.827	1.833	-0.006	97	13339	5.00	4.58	
11 Chloroethane	64	1.900	1.912	-0.012	98	7959	5.00	4.00	
12 Dichlorofluoromethane	67	2.083	2.089	-0.006	97	27205	5.00	4.62	
13 Trichlorofluoromethane	101	2.083	2.095	-0.012	67	24715	5.00	4.83	
14 Pentane	72	2.107	2.113	-0.006	96	3166	10.0	10.6	
15 Ethanol	46	2.253	2.271	-0.018	55	2062	200.0	177.1	Ma
16 Ethyl ether	74	2.290	2.296	-0.006	89	8794	5.00	4.89	
17 2-Methyl-1,3-butadiene	53	2.308	2.314	-0.006	92	8668	5.00	4.69	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	2.338	2.338	0.000	77	16342	5.00	5.03	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.393	2.399	-0.006	89	20815	5.00	4.87	a
20 Acrolein	56	2.448	2.460	-0.012	93	4906	20.3	18.0	
21 112TCTFE	101	2.466	2.478	-0.012	91	11759	5.00	5.02	
22 1,1-Dichloroethene	96	2.490	2.490	0.000	94	14875	5.00	4.51	
23 Acetone	58	2.563	2.569	-0.006	89	6870	25.0	26.8	
24 Iodomethane	142	2.630	2.636	-0.006	96	34533	5.00	4.96	
25 Isopropyl alcohol	45	2.642	2.655	-0.013	33	7858	50.0	57.5	
26 Carbon disulfide	76	2.661	2.661	0.000	99	50168	5.00	4.77	
27 3-Chloro-1-propene	76	2.782	2.782	0.000	84	11367	5.00	4.93	
28 Methyl acetate	74	2.788	2.795	-0.007	79	5186	10.0	10.0	
29 Cyclopentene	67	2.801	2.807	-0.006	95	28491	5.00	4.51	
30 Acetonitrile	41	2.837	2.849	-0.012	95	15680	50.0	51.9	a
* 31 TBA-d9 (IS)	66	2.898	2.904	-0.006	76	39351	1000.0	1000.0	
32 Methylene Chloride	84	2.904	2.904	0.000	39	17342	5.00	4.55	
33 2-Methyl-2-propanol	59	2.959	2.971	-0.012	98	13077	50.0	48.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Methyl tert-butyl ether	73	3.056	3.062	-0.006	91	37957	5.00	4.72	
35 trans-1,2-Dichloroethene	96	3.074	3.080	-0.006	87	17706	5.00	4.58	
36 Acrylonitrile	53	3.147	3.153	-0.006	96	48539	50.0	49.5	
37 Hexane	56	3.226	3.227	0.000	87	4587	5.00	4.69	
38 Isopropyl ether	45	3.427	3.433	-0.006	89	32339	5.00	4.30	
39 1,1-Dichloroethane	63	3.458	3.458	0.000	76	25007	5.00	4.61	
40 Vinyl acetate	86	3.470	3.470	0.000	98	6198	10.0	9.55	
41 2-Chloro-1,3-butadiene	88	3.500	3.500	0.000	86	12855	5.00	4.17	
42 Tert-butyl ethyl ether	59	3.731	3.738	-0.007	93	32674	5.00	4.39	
* 43 2-Butanone-d5	46	3.914	3.914	0.000	99	222096	250.0	250.0	
44 2,2-Dichloropropane	79	3.932	3.932	0.000	50	6573	5.00	4.61	a
45 cis-1,2-Dichloroethene	96	3.950	3.957	-0.007	92	19628	5.00	4.71	
46 2-Butanone (MEK)	72	3.969	3.969	0.000	99	9631	25.0	25.3	
47 Ethyl acetate	70	3.975	3.975	0.000	97	3272	10.0	9.85	
48 Methyl acrylate	55	4.023	4.023	0.000	98	9868	5.00	4.17	
49 Propionitrile	54	4.096	4.096	0.000	98	19315	50.0	50.6	
50 Tetrahydrofuran	72	4.163	4.176	-0.013	67	4409	10.0	10.8	
51 Chlorobromomethane	128	4.169	4.176	-0.007	66	11802	5.00	4.87	
52 Methacrylonitrile	67	4.194	4.194	0.000	85	61571	50.0	46.1	
53 Chloroform	83	4.224	4.224	0.000	98	29703	5.00	4.90	
54 Cyclohexane	84	4.352	4.346	0.006	82	19199	5.00	5.35	
55 1,1,1-Trichloroethane	97	4.358	4.364	-0.006	94	26217	5.00	5.16	
$ 56 Dibromofluoromethane (Surr)	113	4.370	4.376	-0.006	96	178564	50.0	50.1	
57 Carbon tetrachloride	117	4.480	4.480	0.000	96	22695	5.00	5.07	
58 1,1-Dichloropropene	75	4.504	4.504	0.000	98	20410	5.00	4.83	
59 Isobutyl alcohol	43	4.632	4.632	0.000	90	16091	125.0	142.0	
60 Isooctane	57	4.674	4.668	0.006	32	16742	5.00	5.84	a
61 Benzene	78	4.693	4.699	-0.006	94	63314	5.00	4.94	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.711	4.711	0.000	83	159194	50.0	48.4	
64 Isopropyl acetate	43	4.759	4.760	-0.001	83	30817	5.00	4.69	
63 Tert-amyl methyl ether	73	4.759	4.766	-0.007	93	44247	5.00	5.08	
65 1,2-Dichloroethane	62	4.784	4.784	0.000	96	20656	5.00	4.83	
66 n-Heptane	57	4.845	4.851	-0.006	82	3749	5.00	4.60	
* 67 Fluorobenzene	96	4.972	4.979	-0.007	100	598607	50.0	50.0	
68 n-Butanol	56	5.295	5.277	0.018	89	7622	125.0	105.3	
69 Trichloroethene	95	5.313	5.319	-0.006	94	17236	5.00	4.82	
71 Methylcyclohexane	83	5.441	5.441	0.000	71	14880	5.00	5.00	a
70 Ethyl acrylate	99	5.441	5.447	-0.006	97	2171	5.00	4.46	
72 1,2-Dichloropropane	63	5.599	5.599	0.000	89	14693	5.00	5.02	
* 73 1,4-Dioxane-d8	96	5.654	5.654	0.000	74	31879	1000.0	1000.0	
74 Methyl methacrylate	100	5.684	5.684	0.000	81	8597	10.0	8.86	
75 1,4-Dioxane	88	5.715	5.709	0.006	75	4930	100.0	104.2	
76 Dibromomethane	93	5.721	5.727	-0.006	93	11990	5.00	5.03	
77 n-Propyl acetate	43	5.733	5.739	-0.006	98	16714	5.00	4.73	
78 Dichlorobromomethane	83	5.879	5.879	0.000	99	21308	5.00	4.84	
79 2-Nitropropane	41	6.207	6.214	-0.007	88	5786	10.0	9.48	
80 2-Chloroethyl vinyl ether	63	6.213	6.214	-0.001	71	5615	5.01	4.10	
81 Epichlorohydrin	57	6.317	6.311	0.006	97	27932	100.0	112.0	
82 cis-1,3-Dichloropropene	75	6.366	6.366	0.000	87	24301	5.00	4.94	
83 4-Methyl-2-pentanone (MIBK)	43	6.536	6.536	0.000	93	56454	25.0	27.3	
$ 84 Toluene-d8 (Surr)	98	6.609	6.609	0.000	99	585325	50.0	49.1	
85 Toluene	91	6.682	6.682	0.000	92	67297	5.00	4.92	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	7.029	7.035	-0.006	94	19849	5.00	4.52	
87 Ethyl methacrylate	69	7.065	7.065	0.000	85	13682	5.00	4.23	
88 1,1,2-Trichloroethane	83	7.242	7.242	0.000	95	13070	5.00	5.28	
89 Tetrachloroethene	166	7.284	7.278	0.006	94	16106	5.00	5.10	
90 1,3-Dichloropropane	76	7.448	7.449	0.000	87	23395	5.00	5.12	
91 2-Hexanone	58	7.521	7.515	0.006	90	22090	25.0	25.9	
92 n-Butyl acetate	43	7.637	7.637	0.000	94	15531	5.00	4.73	
93 Chlorodibromomethane	129	7.667	7.674	-0.007	97	16958	5.00	4.75	
94 Ethylene Dibromide	107	7.819	7.820	-0.001	100	16101	5.00	4.87	
* 95 Chlorobenzene-d5	117	8.361	8.367	-0.006	82	479212	50.0	50.0	
96 Chlorobenzene	112	8.397	8.398	-0.001	99	46951	5.00	4.94	
97 Ethylbenzene	106	8.507	8.507	0.000	97	20698	5.00	4.49	
98 1,1,1,2-Tetrachloroethane	131	8.519	8.525	-0.006	97	17819	5.00	4.76	
99 m-Xylene & p-Xylene	106	8.665	8.665	0.000	97	24748	5.00	4.54	
100 o-Xylene	106	9.182	9.182	0.000	95	24498	5.00	4.29	
101 n-Butyl acrylate	73	9.176	9.182	-0.006	57	8914	5.00	4.19	
102 Styrene	104	9.219	9.219	0.000	98	36039	5.00	4.10	
104 Bromoform	173	9.462	9.462	0.000	72	10440	5.00	4.63	
103 Amyl acetate (mixed isomers)	43	9.462	9.462	0.000	93	17165	5.00	4.43	
105 Isopropylbenzene	105	9.614	9.614	0.000	94	56535	5.00	4.39	
$ 106 4-Bromofluorobenzene	174	9.839	9.839	0.000	93	168735	50.0	48.6	
107 Bromobenzene	156	9.985	9.979	0.006	91	20015	5.00	4.96	
108 1,1,2,2-Tetrachloroethane	83	10.046	10.046	0.000	98	21354	5.00	5.13	
109 N-Propylbenzene	91	10.070	10.071	-0.001	99	59303	5.00	4.61	
110 1,2,3-Trichloropropane	110	10.095	10.095	0.000	95	7125	5.00	5.33	
111 trans-1,4-Dichloro-2-butene	53	10.119	10.119	0.000	61	3473	5.00	4.32	
112 2-Chlorotoluene	91	10.180	10.180	0.000	97	47544	5.00	4.59	
113 4-Ethyltoluene	105	10.198	10.198	0.000	98	51719	5.00	4.39	
114 1,3,5-Trimethylbenzene	105	10.271	10.271	0.000	93	42952	5.00	4.35	
115 4-Chlorotoluene	91	10.308	10.308	0.000	96	45161	5.00	4.67	
116 Butyl Methacrylate	87	10.393	10.393	0.000	85	8990	5.00	2.22	
117 tert-Butylbenzene	119	10.581	10.582	-0.001	93	31362	5.00	4.17	
118 1,2,4-Trimethylbenzene	105	10.642	10.642	0.000	96	44821	5.00	4.24	
119 sec-Butylbenzene	105	10.794	10.794	0.000	99	44644	5.00	4.38	
120 1,3-Dichlorobenzene	146	10.928	10.928	0.000	98	34198	5.00	4.87	
121 4-Isopropyltoluene	119	10.934	10.934	0.000	97	36802	5.00	4.13	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	94	267274	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.019	11.020	-0.001	96	35970	5.00	4.85	
124 1,2,3-Trimethylbenzene	105	11.044	11.044	0.000	97	54238	5.00	4.34	
125 Benzyl chloride	126	11.159	11.159	0.000	100	7414	5.00	4.03	
126 2,3-Dihydroindene	117	11.220	11.220	0.000	93	57536	5.00	4.39	
127 p-Diethylbenzene	119	11.287	11.287	0.000	93	20497	5.00	4.29	
128 n-Butylbenzene	92	11.305	11.305	0.000	96	18640	5.00	4.55	
129 1,2-Dichlorobenzene	146	11.354	11.354	0.000	98	36589	5.00	4.95	
130 1,2,4,5-Tetramethylbenzene	119	11.950	11.956	-0.006	97	34866	5.00	4.01	
131 1,2-Dibromo-3-Chloropropane	157	12.035	12.036	-0.001	92	5172	5.00	4.66	
132 1,3,5-Trichlorobenzene	180	12.151	12.151	0.000	96	17394	5.00	4.82	
133 1,2,4-Trichlorobenzene	180	12.650	12.650	0.000	93	15688	5.00	4.65	
134 Hexachlorobutadiene	225	12.735	12.741	-0.006	88	3943	5.00	4.40	
135 Naphthalene	128	12.845	12.845	0.000	99	48695	5.00	4.22	
136 1,2,3-Trichlorobenzene	180	13.021	13.021	0.000	95	13302	5.00	4.74	
S 137 1,2-Dichloroethene, Total	100				0		10.0	9.28	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		10.0	8.83	
S 139 Total BTEX	1				0		25.0	23.2	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00151	Amount Added:	10.00	Units: uL	
GASES Li_00469	Amount Added:	10.00	Units: uL	
ACROLEIN W_00138	Amount Added:	4.00	Units: uL	
524freon_00050	Amount Added:	10.00	Units: uL	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00226	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Mar-2022 17:58:18 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47429.D

Injection Date: 31-Mar-2022 01:12:30 Instrument ID: CVOAMS11 Operator ID:

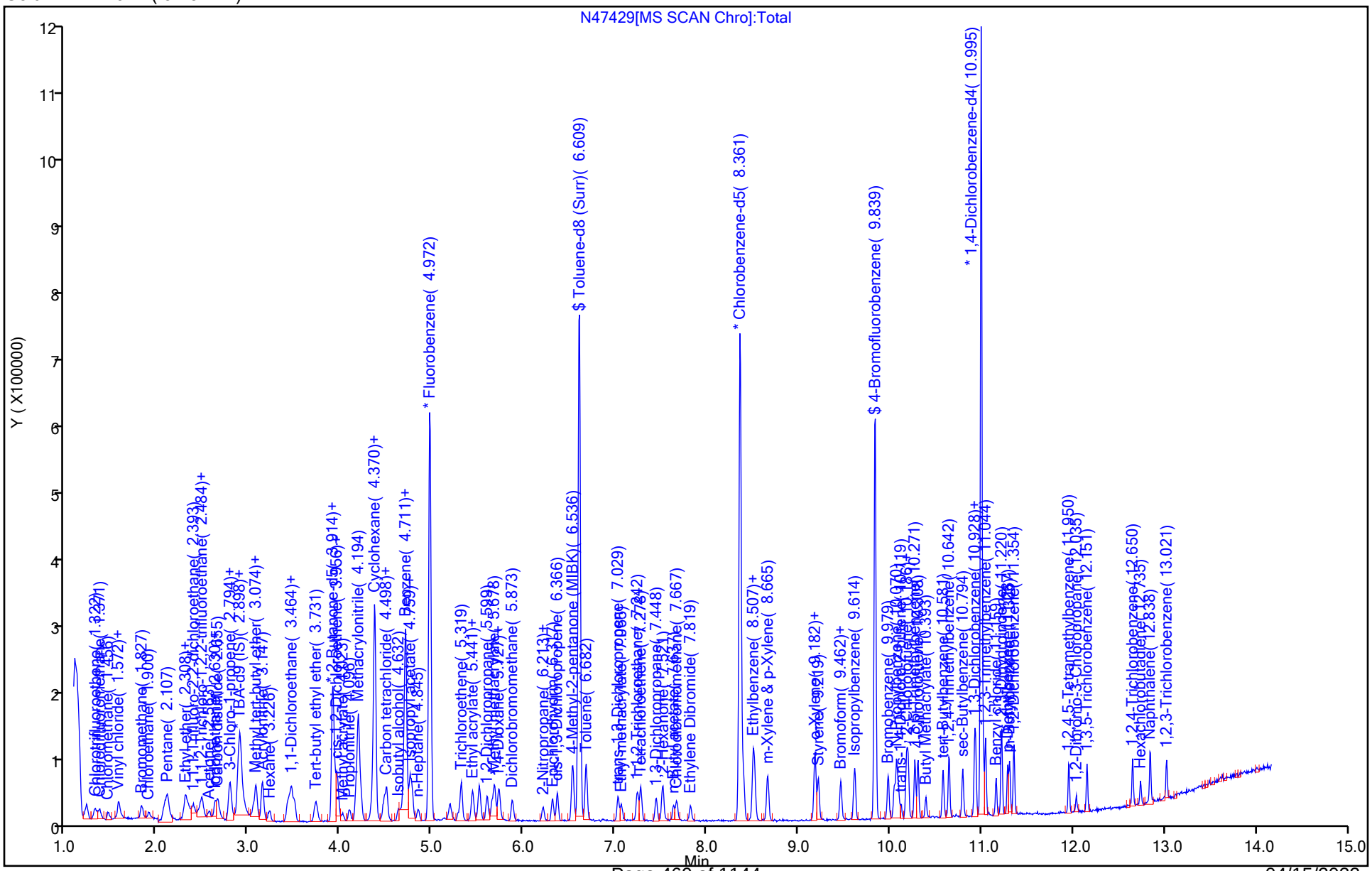
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 21

Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

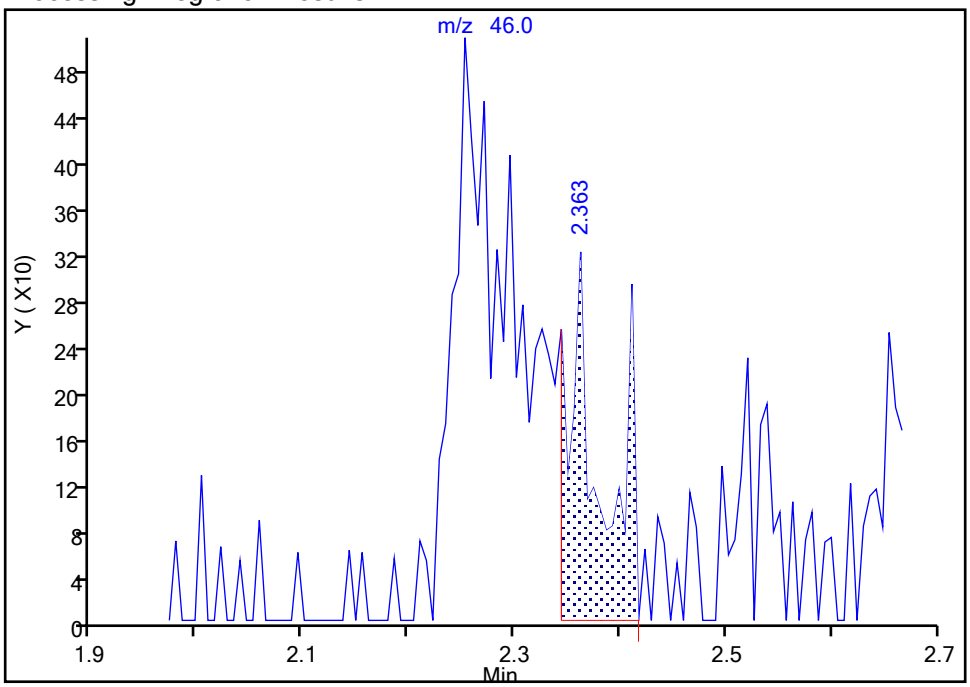
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47429.D
Injection Date: 31-Mar-2022 01:12:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 Ethanol, CAS: 64-17-5

Signal: 1

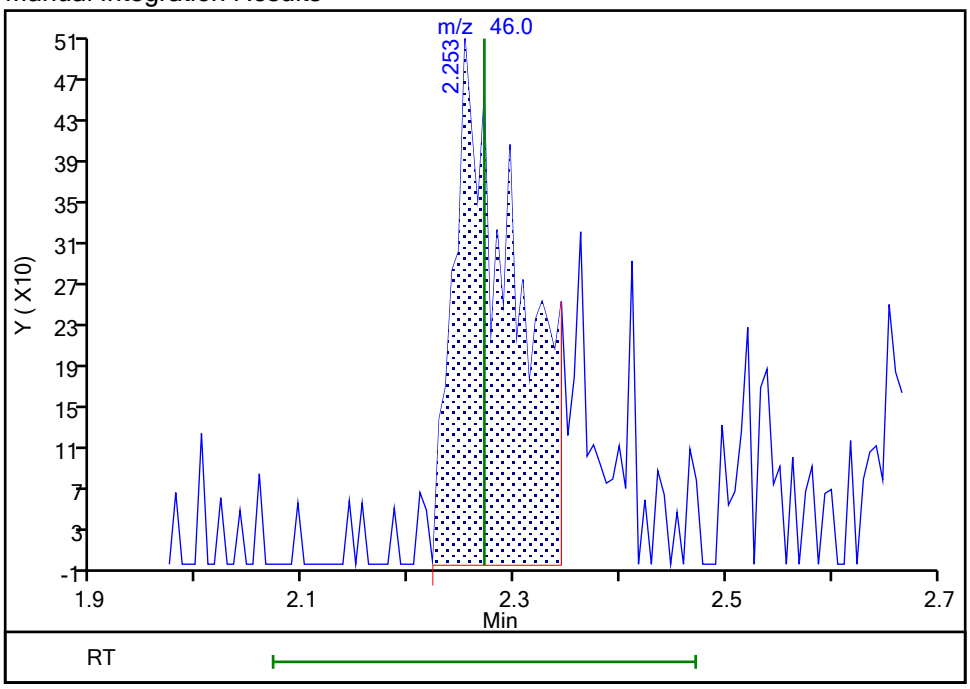
Processing Integration Results

RT: 2.36
Area: 669
Amount: 61.632394
Amount Units: ug/l



Manual Integration Results

RT: 2.25
Area: 2062
Amount: 177.1183
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:33:12
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

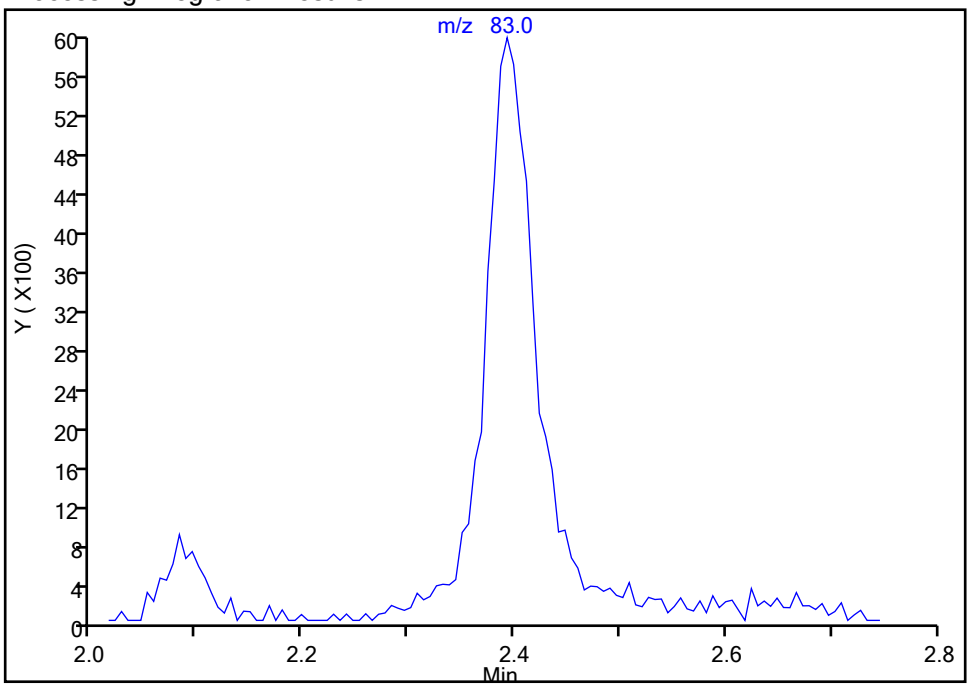
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47429.D
Injection Date: 31-Mar-2022 01:12:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

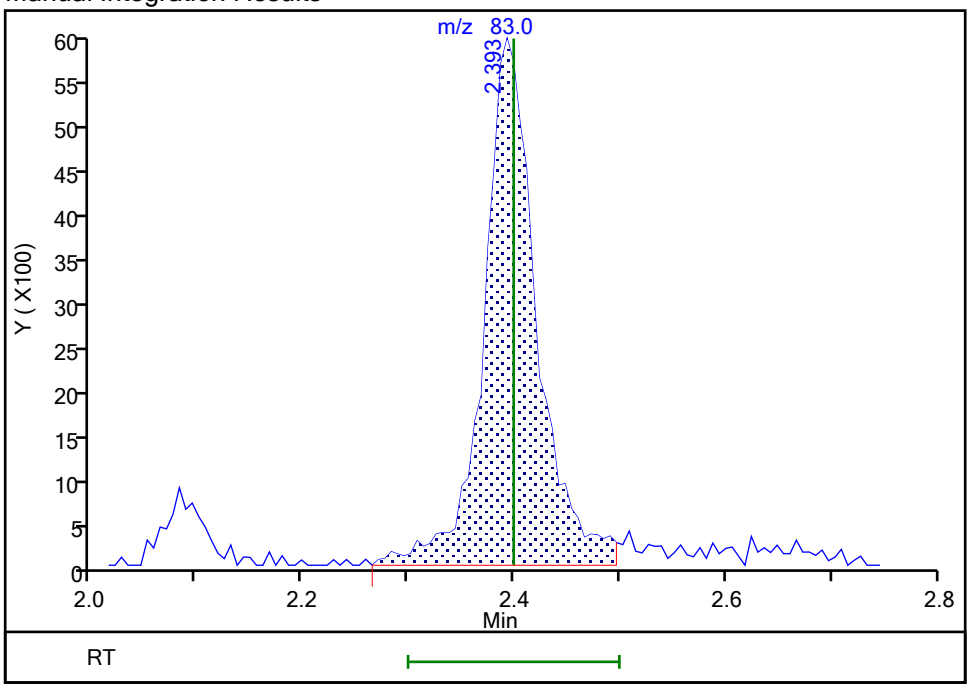
Not Detected
Expected RT: 2.40

Processing Integration Results



Manual Integration Results

RT: 2.39
Area: 20815
Amount: 4.869013
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:33:19
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

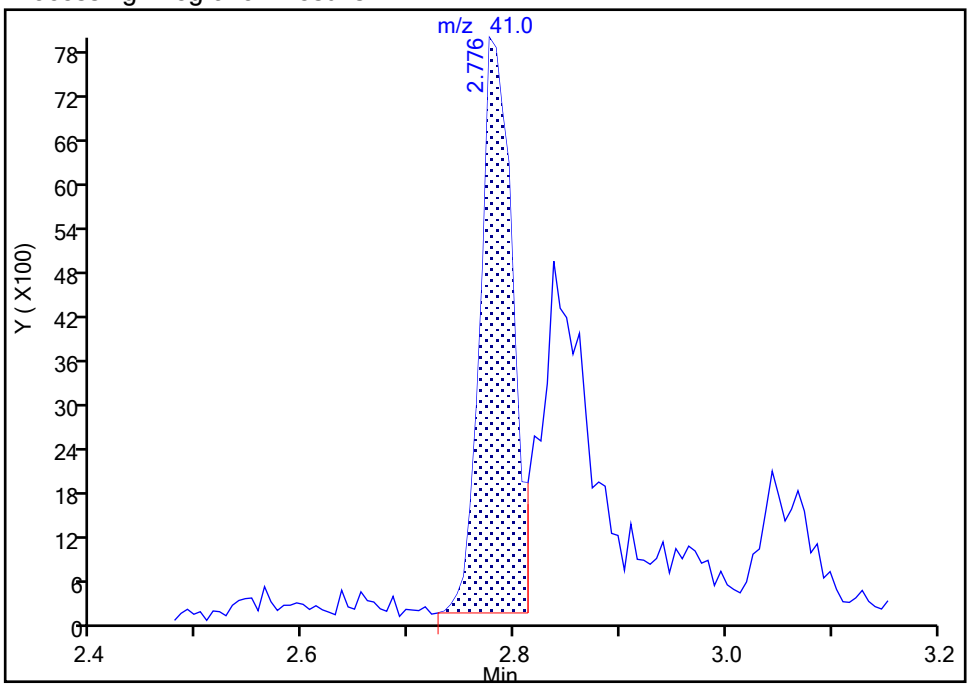
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47429.D
Injection Date: 31-Mar-2022 01:12:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

30 Acetonitrile, CAS: 75-05-8

Signal: 1

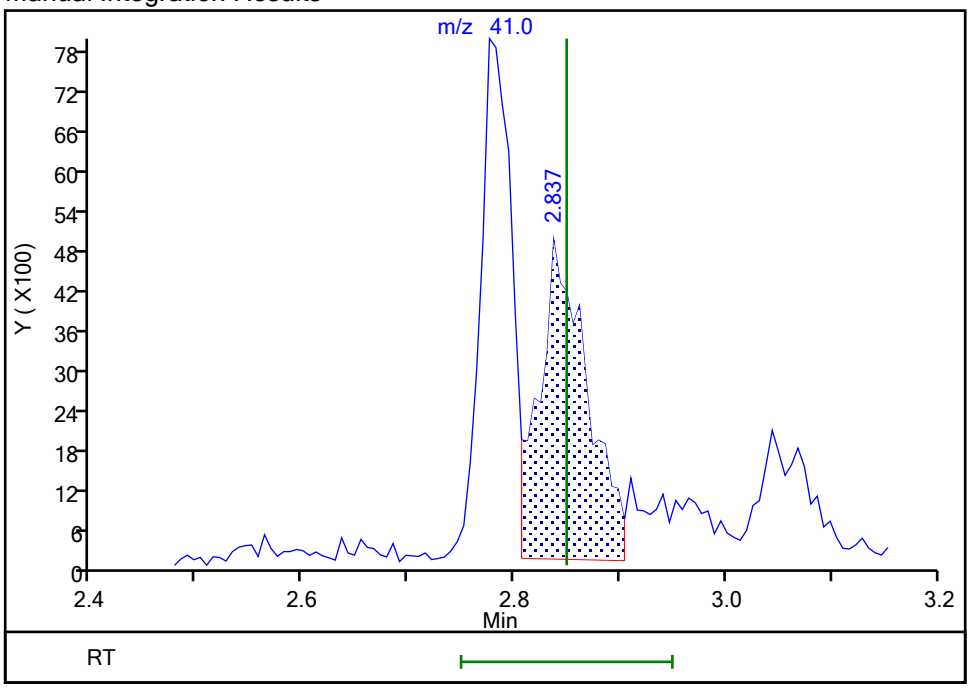
Processing Integration Results

RT: 2.78
Area: 16825
Amount: 55.589749
Amount Units: ug/l



Manual Integration Results

RT: 2.84
Area: 15680
Amount: 51.899354
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:33:29
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

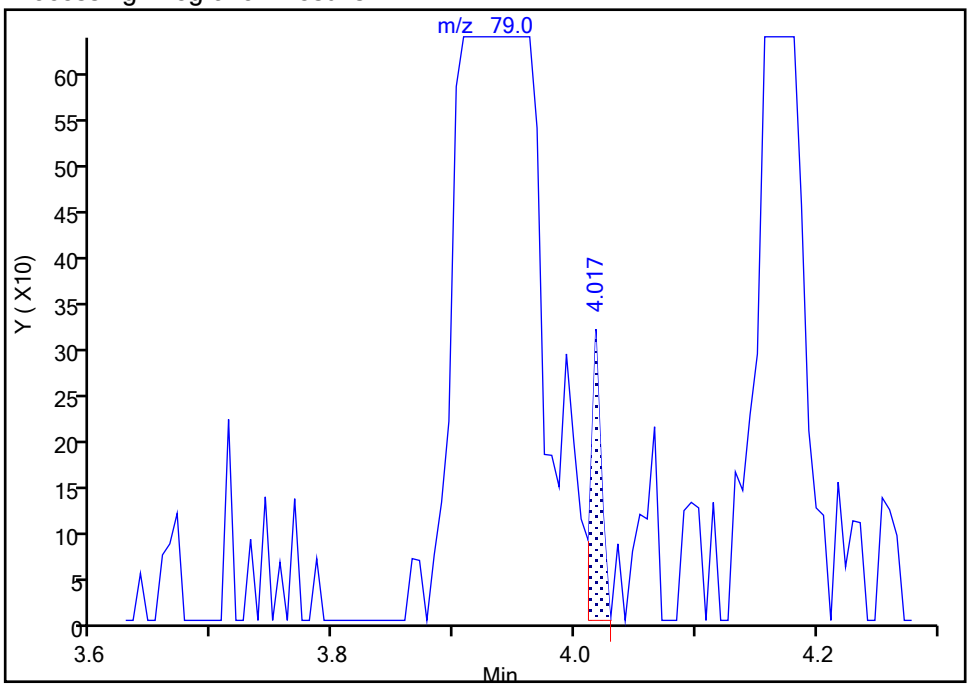
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47429.D
Injection Date: 31-Mar-2022 01:12:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

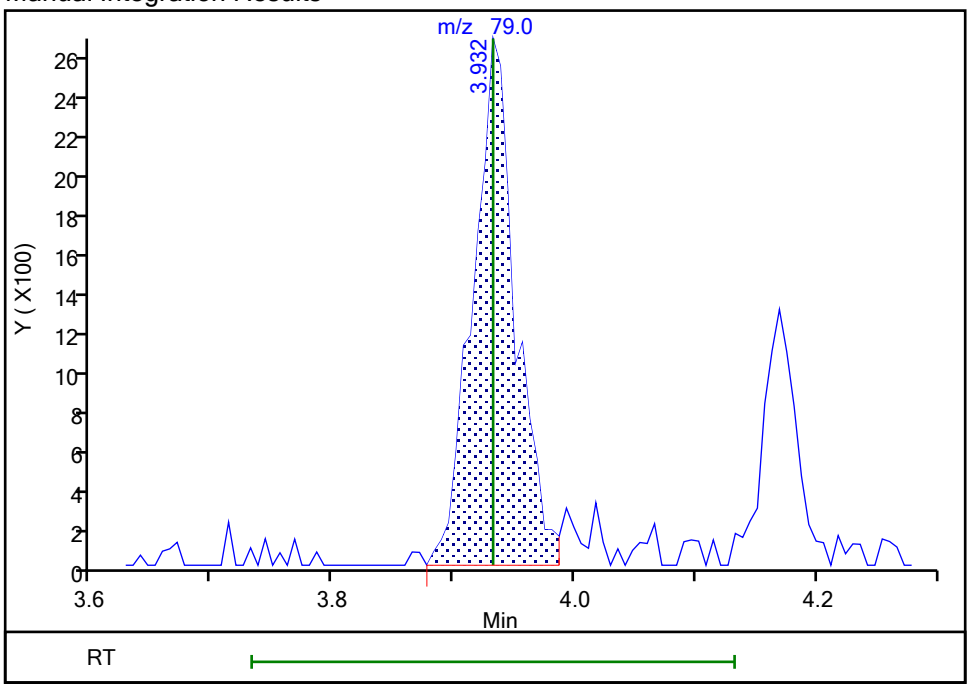
Processing Integration Results

RT: 4.02
Area: 189
Amount: 0.152906
Amount Units: ug/l



Manual Integration Results

RT: 3.93
Area: 6573
Amount: 4.612698
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:33:40
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

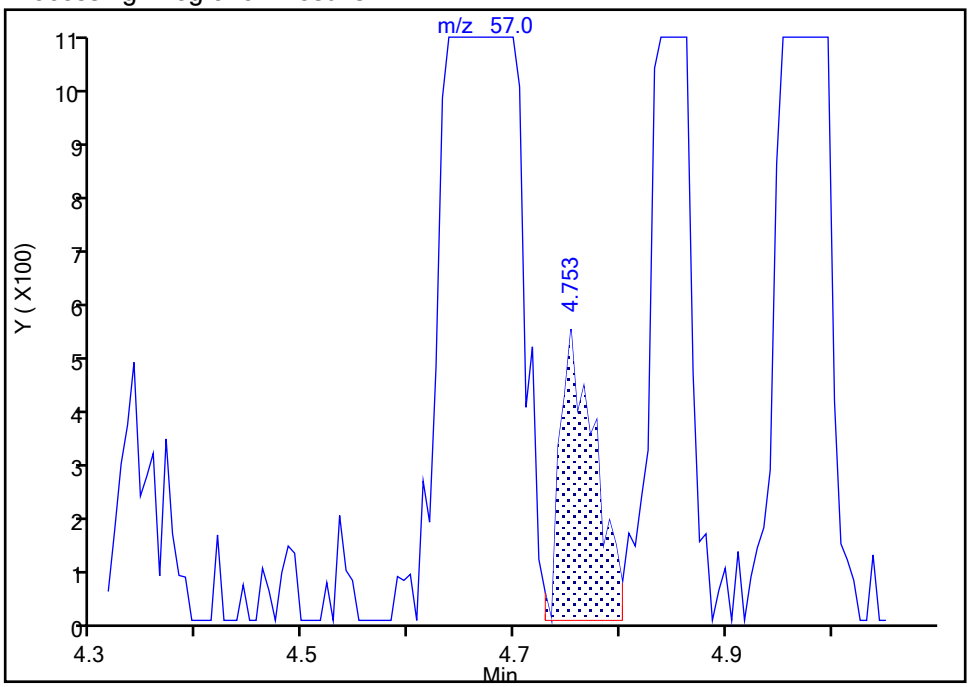
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47429.D
Injection Date: 31-Mar-2022 01:12:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

60 Isooctane, CAS: 540-84-1

Signal: 1

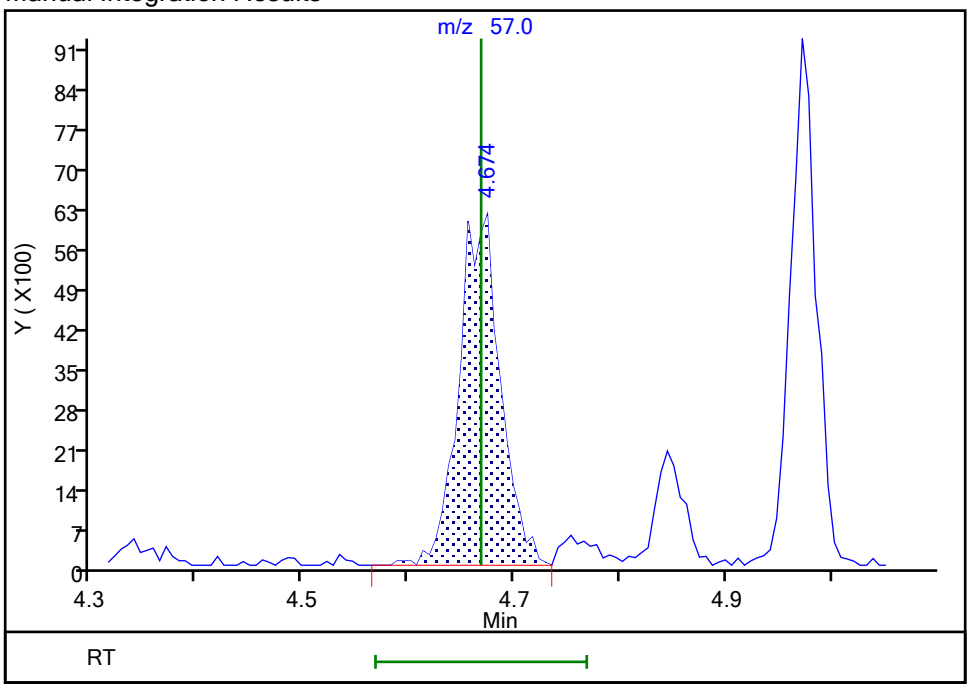
Processing Integration Results

RT: 4.75
Area: 1203
Amount: 0.512713
Amount Units: ug/l



Manual Integration Results

RT: 4.67
Area: 16742
Amount: 5.841581
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:33:52
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

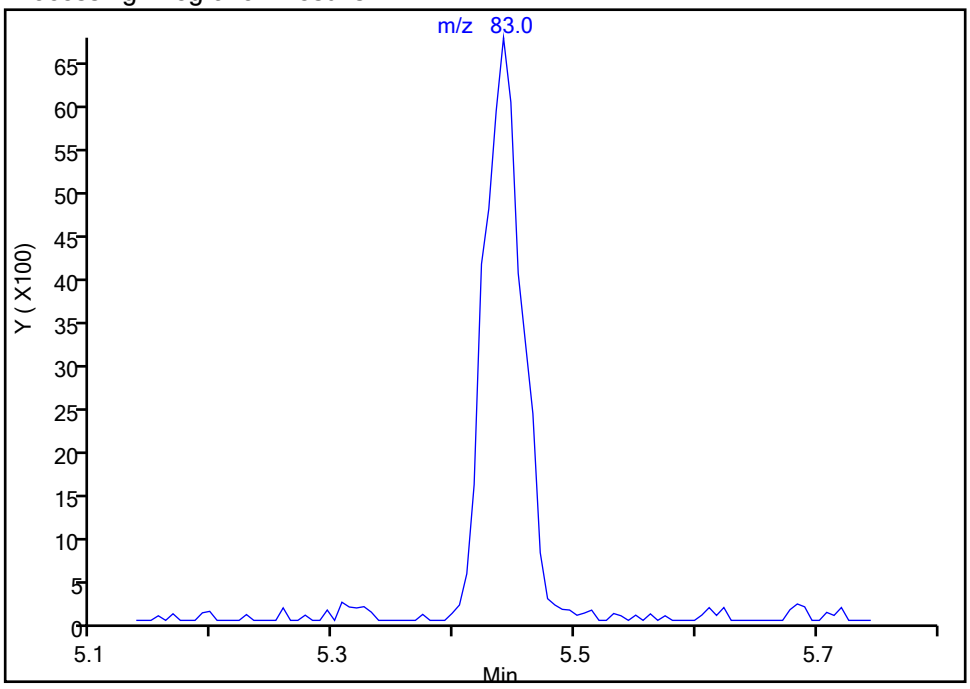
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47429.D
Injection Date: 31-Mar-2022 01:12:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

71 Methylcyclohexane, CAS: 108-87-2

Signal: 1

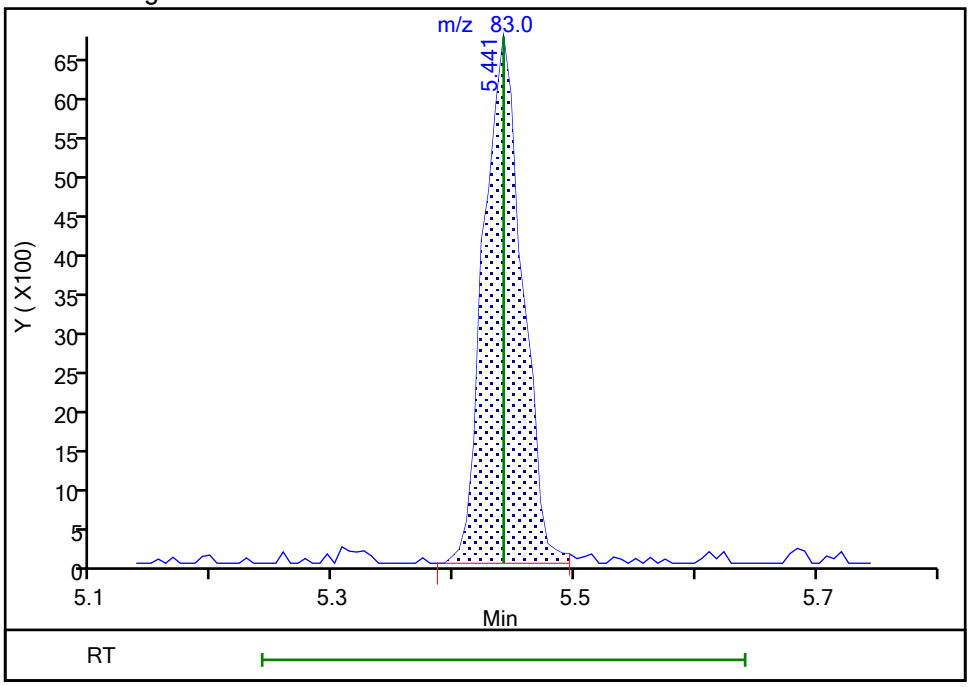
Not Detected
Expected RT: 5.44

Processing Integration Results



Manual Integration Results

RT: 5.44
Area: 14880
Amount: 5.002339
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:34:07
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47430.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 31-Mar-2022 01:35:30 ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0143422-006
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Mar-2022 17:58:24 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: boykink Date: 31-Mar-2022 02:38:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	1.322	1.322	0.000	69	28660	20.0	19.8	
5 Dichlorodifluoromethane	85	1.353	1.353	0.000	98	86080	20.0	19.7	
6 Chlorodifluoromethane	51	1.371	1.371	0.000	96	65052	20.0	19.1	
7 Chloromethane	52	1.474	1.474	0.000	99	17335	20.0	16.8	
8 Vinyl chloride	62	1.584	1.584	0.000	98	71607	20.0	19.6	
9 Butadiene	54	1.584	1.584	0.000	75	46411	20.0	20.2	
10 Bromomethane	94	1.833	1.833	0.000	98	59128	20.0	20.9	
11 Chloroethane	64	1.912	1.912	0.000	99	38853	20.0	20.1	
12 Dichlorofluoromethane	67	2.089	2.089	0.000	97	120141	20.0	21.0	
13 Trichlorofluoromethane	101	2.095	2.095	0.000	97	101674	20.0	20.5	
14 Pentane	72	2.113	2.113	0.000	97	14220	40.0	43.2	
15 Ethanol	46	2.271	2.271	0.000	62	8467	800.0	743.6	a
16 Ethyl ether	74	2.296	2.296	0.000	91	36230	20.0	20.7	
17 2-Methyl-1,3-butadiene	53	2.314	2.314	0.000	94	38560	20.0	21.5	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	2.338	2.338	0.000	78	67238	20.0	21.3	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.399	2.399	0.000	92	75517	20.0	18.2	a
20 Acrolein	56	2.460	2.460	0.000	90	13522	40.6	45.1	
21 112TCTFE	101	2.478	2.478	0.000	94	51288	20.0	22.6	
22 1,1-Dichloroethene	96	2.490	2.490	0.000	92	70371	20.0	22.0	
23 Acetone	58	2.569	2.569	0.000	89	27808	100.0	92.6	
24 Iodomethane	142	2.636	2.636	0.000	97	144469	20.0	21.4	
25 Isopropyl alcohol	45	2.655	2.655	0.000	33	27766	200.0	185.3	
26 Carbon disulfide	76	2.661	2.661	0.000	99	214696	20.0	21.0	
27 3-Chloro-1-propene	76	2.782	2.782	0.000	90	53056	20.0	23.7	
28 Methyl acetate	74	2.795	2.795	0.000	97	23892	40.0	42.2	
29 Cyclopentene	67	2.807	2.807	0.000	92	131257	20.0	21.4	
30 Acetonitrile	41	2.849	2.849	0.000	95	66761	200.0	201.4	
* 31 TBA-d9 (IS)	66	2.904	2.904	0.000	92	43184	1000.0	1000.0	
32 Methylene Chloride	84	2.904	2.904	0.000	83	81415	20.0	22.0	
33 2-Methyl-2-propanol	59	2.971	2.971	0.000	97	64354	200.0	215.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Methyl tert-butyl ether	73	3.062	3.062	0.000	96	179117	20.0	23.0	
35 trans-1,2-Dichloroethene	96	3.080	3.080	0.000	88	82593	20.0	22.0	
36 Acrylonitrile	53	3.153	3.153	0.000	94	244890	200.0	227.7	
37 Hexane	56	3.227	3.227	0.000	91	23021	20.0	24.3	
38 Isopropyl ether	45	3.433	3.433	0.000	92	167227	20.0	22.9	
39 1,1-Dichloroethane	63	3.458	3.458	0.000	99	122103	20.0	23.2	
40 Vinyl acetate	86	3.470	3.470	0.000	99	31448	40.0	41.4	
41 2-Chloro-1,3-butadiene	88	3.500	3.500	0.000	88	65160	20.0	21.8	
42 Tert-butyl ethyl ether	59	3.738	3.738	0.000	90	169722	20.0	23.5	
* 43 2-Butanone-d5	46	3.914	3.914	0.000	98	259665	250.0	250.0	
44 2,2-Dichloropropane	79	3.932	3.932	0.000	93	29319	20.0	21.2	
45 cis-1,2-Dichloroethene	96	3.957	3.957	0.000	92	93544	20.0	23.1	
46 2-Butanone (MEK)	72	3.969	3.969	0.000	98	44627	100.0	100.1	
47 Ethyl acetate	70	3.975	3.975	0.000	95	14915	40.0	38.4	
48 Methyl acrylate	55	4.023	4.023	0.000	99	53165	20.0	23.1	
49 Propionitrile	54	4.096	4.096	0.000	98	93678	200.0	223.7	
50 Tetrahydrofuran	72	4.176	4.176	0.000	55	19269	40.0	40.4	
51 Chlorobromomethane	128	4.176	4.176	0.000	69	51928	20.0	22.1	
52 Methacrylonitrile	67	4.194	4.194	0.000	88	297059	200.0	229.3	
53 Chloroform	83	4.224	4.224	0.000	98	133686	20.0	22.7	
54 Cyclohexane	84	4.346	4.346	0.000	84	78586	20.0	22.6	
55 1,1,1-Trichloroethane	97	4.364	4.364	0.000	97	109712	20.0	22.2	
$ 56 Dibromofluoromethane (Surr)	113	4.376	4.376	0.000	97	186123	50.0	53.8	
57 Carbon tetrachloride	117	4.480	4.480	0.000	97	95030	20.0	21.9	
58 1,1-Dichloropropene	75	4.504	4.504	0.000	96	90092	20.0	22.0	
59 Isobutyl alcohol	43	4.632	4.632	0.000	97	63134	500.0	507.8	
60 Isooctane	57	4.668	4.668	0.000	91	67413	20.0	24.2	a
61 Benzene	78	4.699	4.699	0.000	95	282938	20.0	22.3	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.711	4.711	0.000	94	169522	50.0	53.2	
64 Isopropyl acetate	43	4.760	4.760	0.000	85	139945	20.0	21.9	
63 Tert-amyl methyl ether	73	4.766	4.766	0.000	89	190498	20.0	22.5	
65 1,2-Dichloroethane	62	4.784	4.784	0.000	96	89440	20.0	21.5	
66 n-Heptane	57	4.851	4.851	0.000	85	17834	20.0	22.5	
* 67 Fluorobenzene	96	4.979	4.979	0.000	100	580888	50.0	50.0	
68 n-Butanol	56	5.277	5.277	0.000	84	32844	500.0	413.6	
69 Trichloroethene	95	5.319	5.319	0.000	94	75302	20.0	21.7	
71 Methylcyclohexane	83	5.441	5.441	0.000	71	65508	20.0	22.7	
70 Ethyl acrylate	99	5.447	5.447	0.000	97	9754	20.0	20.6	
72 1,2-Dichloropropane	63	5.599	5.599	0.000	92	60034	20.0	21.1	
* 73 1,4-Dioxane-d8	96	5.654	5.654	0.000	77	33678	1000.0	1000.0	
74 Methyl methacrylate	100	5.684	5.684	0.000	79	36997	40.0	39.3	
75 1,4-Dioxane	88	5.709	5.709	0.000	84	16176	400.0	368.1	
76 Dibromomethane	93	5.727	5.727	0.000	97	49371	20.0	21.3	
77 n-Propyl acetate	43	5.739	5.739	0.000	96	68191	20.0	19.9	
78 Dichlorobromomethane	83	5.879	5.879	0.000	98	89633	20.0	21.0	
79 2-Nitropropane	41	6.214	6.214	0.000	85	23181	40.0	34.6	
80 2-Chloroethyl vinyl ether	63	6.214	6.214	0.000	78	26643	20.0	20.0	
81 Epichlorohydrin	57	6.311	6.311	0.000	98	111888	400.0	383.6	
82 cis-1,3-Dichloropropene	75	6.366	6.366	0.000	88	100052	20.0	20.6	
83 4-Methyl-2-pentanone (MIBK)	43	6.536	6.536	0.000	93	247838	100.0	102.4	
$ 84 Toluene-d8 (Surr)	98	6.609	6.609	0.000	99	627600	50.0	53.3	
85 Toluene	91	6.682	6.682	0.000	93	279063	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	7.035	7.035	0.000	94	96438	20.0	22.2	
87 Ethyl methacrylate	69	7.065	7.065	0.000	86	68992	20.0	20.1	
88 1,1,2-Trichloroethane	83	7.242	7.242	0.000	95	55298	20.0	22.6	
89 Tetrachloroethene	166	7.278	7.278	0.000	95	71165	20.0	22.8	
90 1,3-Dichloropropane	76	7.449	7.449	0.000	89	101562	20.0	22.5	
91 2-Hexanone	58	7.515	7.515	0.000	93	107965	100.0	101.9	
92 n-Butyl acetate	43	7.637	7.637	0.000	97	74821	20.0	23.1	
93 Chlorodibromomethane	129	7.674	7.674	0.000	97	76431	20.0	21.7	
94 Ethylene Dibromide	107	7.820	7.820	0.000	98	72213	20.0	22.1	
* 95 Chlorobenzene-d5	117	8.367	8.367	0.000	82	473560	50.0	50.0	
96 Chlorobenzene	112	8.398	8.398	0.000	99	205418	20.0	21.9	
97 Ethylbenzene	106	8.507	8.507	0.000	97	101483	20.0	22.3	
98 1,1,1,2-Tetrachloroethane	131	8.525	8.525	0.000	97	78693	20.0	21.3	
99 m-Xylene & p-Xylene	106	8.665	8.665	0.000	96	122362	20.0	22.7	
100 o-Xylene	106	9.182	9.182	0.000	95	124725	20.0	22.1	
101 n-Butyl acrylate	73	9.182	9.182	0.000	57	43899	20.0	20.9	
102 Styrene	104	9.219	9.219	0.000	97	195400	20.0	20.6	
104 Bromoform	173	9.462	9.462	0.000	95	48564	20.0	21.9	
103 Amyl acetate (mixed isomers)	43	9.462	9.462	0.000	94	83009	20.0	21.7	
105 Isopropylbenzene	105	9.614	9.614	0.000	94	279539	20.0	22.0	
$ 106 4-Bromofluorobenzene	174	9.839	9.839	0.000	92	182816	50.0	53.3	
107 Bromobenzene	156	9.979	9.979	0.000	92	83807	20.0	21.1	
108 1,1,2,2-Tetrachloroethane	83	10.046	10.046	0.000	98	82721	20.0	20.2	
109 N-Propylbenzene	91	10.071	10.071	0.000	100	264913	20.0	20.9	
110 1,2,3-Trichloropropane	110	10.095	10.095	0.000	95	27130	20.0	20.6	
111 trans-1,4-Dichloro-2-butene	53	10.119	10.119	0.000	86	15401	20.0	19.5	
112 2-Chlorotoluene	91	10.180	10.180	0.000	97	217095	20.0	21.3	
113 4-Ethyltoluene	105	10.198	10.198	0.000	97	248777	20.0	21.5	
114 1,3,5-Trimethylbenzene	105	10.271	10.271	0.000	93	210116	20.0	21.6	
115 4-Chlorotoluene	91	10.308	10.308	0.000	95	212372	20.0	22.3	
116 Butyl Methacrylate	87	10.393	10.393	0.000	85	48085	20.0	12.0	
117 tert-Butylbenzene	119	10.582	10.582	0.000	96	152501	20.0	20.6	
118 1,2,4-Trimethylbenzene	105	10.642	10.642	0.000	97	225944	20.0	21.7	
119 sec-Butylbenzene	105	10.794	10.794	0.000	99	220280	20.0	21.9	
120 1,3-Dichlorobenzene	146	10.928	10.928	0.000	97	151007	20.0	21.8	
121 4-Isopropyltoluene	119	10.934	10.934	0.000	98	189959	20.0	21.6	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	93	263118	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.020	11.020	0.000	97	159135	20.0	21.8	
124 1,2,3-Trimethylbenzene	105	11.044	11.044	0.000	97	257776	20.0	20.9	
125 Benzyl chloride	126	11.159	11.159	0.000	99	36641	20.0	20.2	
126 2,3-Dihydroindene	117	11.220	11.220	0.000	94	280147	20.0	21.7	
127 p-Diethylbenzene	119	11.287	11.287	0.000	94	100583	20.0	21.4	
128 n-Butylbenzene	92	11.305	11.305	0.000	96	88200	20.0	21.9	
129 1,2-Dichlorobenzene	146	11.354	11.354	0.000	98	162555	20.0	22.4	
130 1,2,4,5-Tetramethylbenzene	119	11.956	11.956	0.000	97	178732	20.0	20.9	
131 1,2-Dibromo-3-Chloropropane	157	12.036	12.036	0.000	95	22251	20.0	20.4	
132 1,3,5-Trichlorobenzene	180	12.151	12.151	0.000	97	77412	20.0	21.8	
133 1,2,4-Trichlorobenzene	180	12.650	12.650	0.000	93	73500	20.0	22.1	
134 Hexachlorobutadiene	225	12.741	12.741	0.000	91	19071	20.0	21.6	
135 Naphthalene	128	12.845	12.845	0.000	99	240089	20.0	21.1	
136 1,2,3-Trichlorobenzene	180	13.021	13.021	0.000	96	59145	20.0	21.4	
S 137 1,2-Dichloroethene, Total	100				0		40.0	45.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	44.8	
S 139 Total BTEX	1				0		100.0	110.1	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00151	Amount Added:	20.00	Units: uL	
GASES Li_00469	Amount Added:	20.00	Units: uL	
ACROLEIN W_00138	Amount Added:	4.00	Units: uL	
524freon_00050	Amount Added:	20.00	Units: uL	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00226	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Mar-2022 17:58:25 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47430.D

Injection Date: 31-Mar-2022 01:35:30 Instrument ID: CVOAMS11 Operator ID:

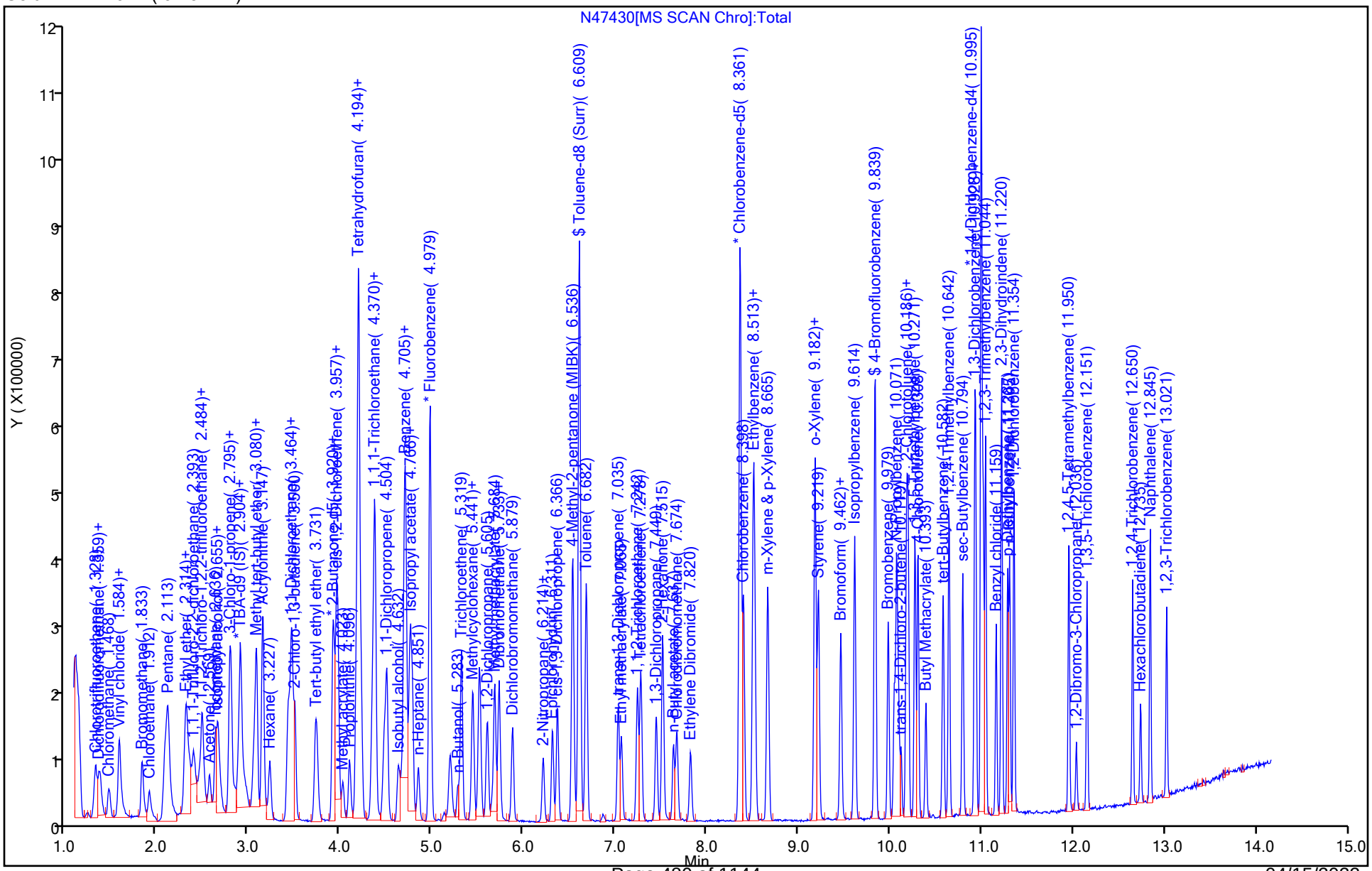
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 22

Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

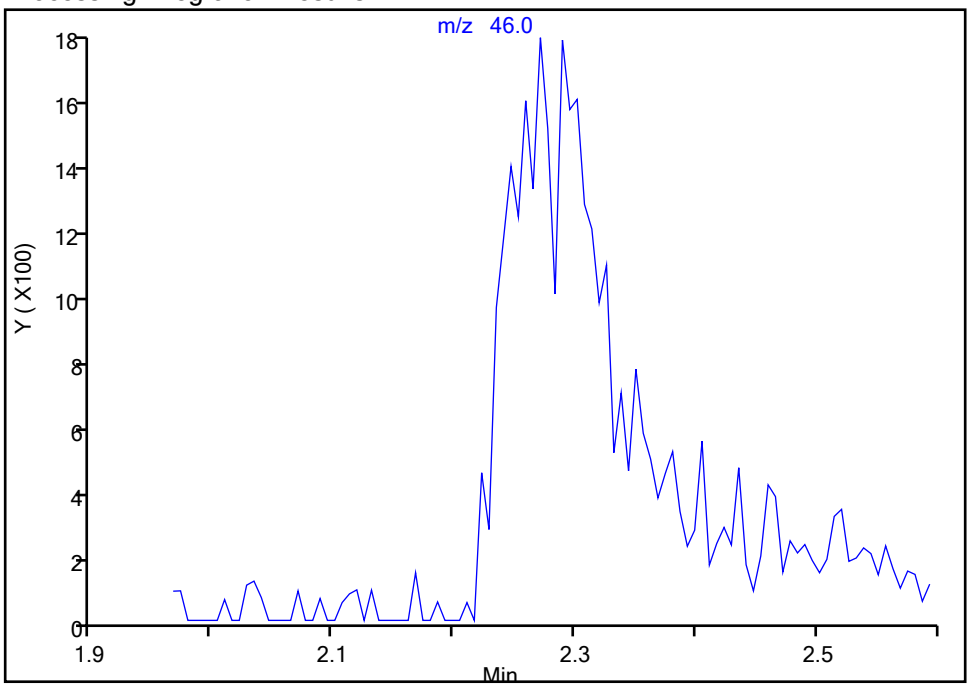
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47430.D
Injection Date: 31-Mar-2022 01:35:30 Instrument ID: CVOAMS11
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 Ethanol, CAS: 64-17-5

Signal: 1

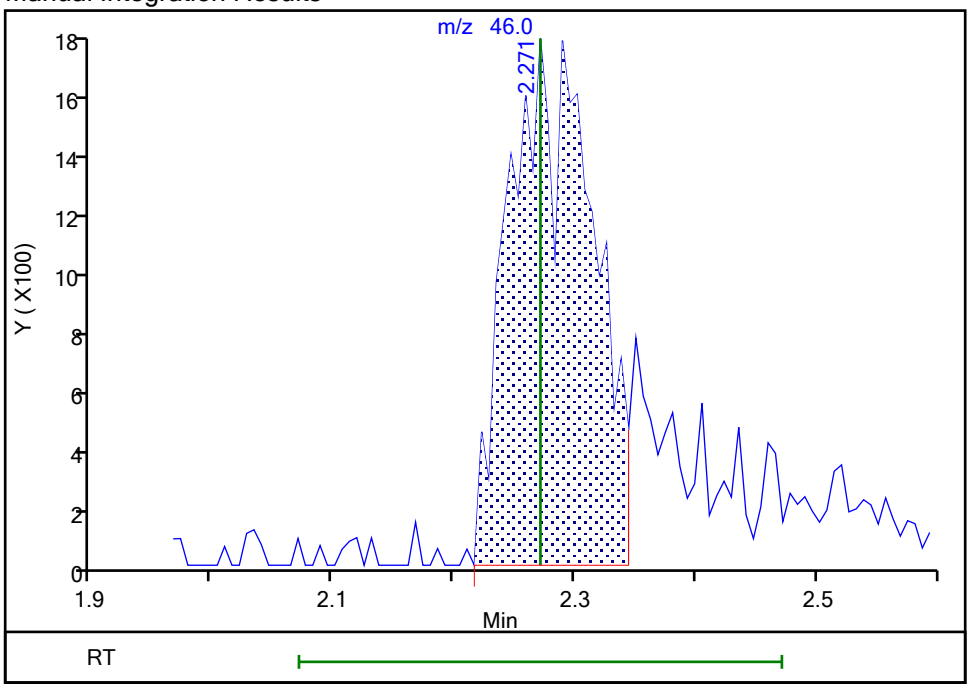
Not Detected
Expected RT: 2.27

Processing Integration Results



Manual Integration Results

RT: 2.27
Area: 8467
Amount: 743.5605
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:13:54
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

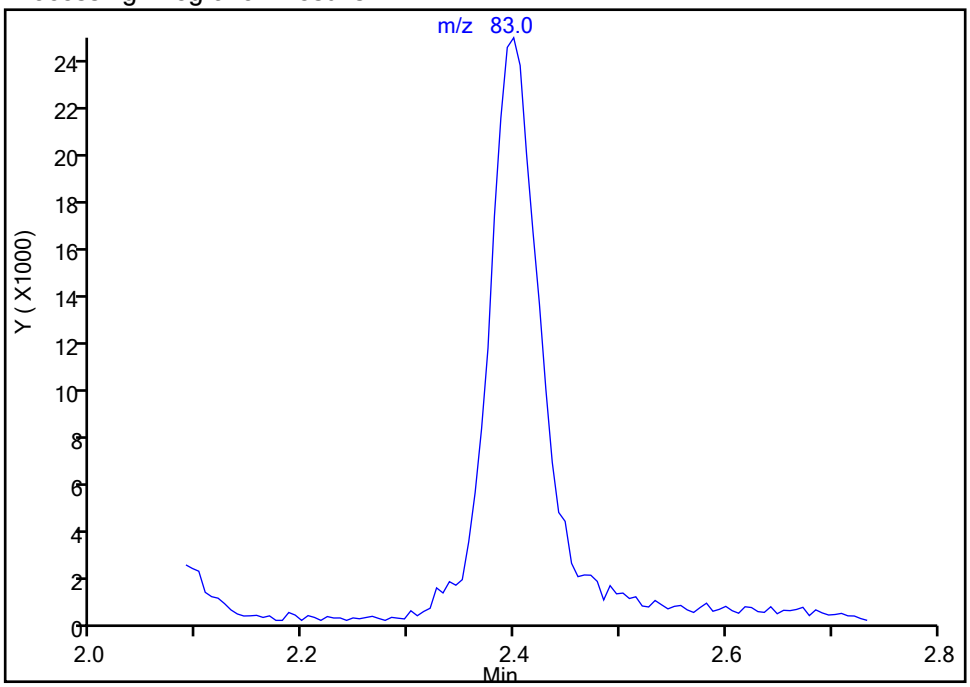
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47430.D
Injection Date: 31-Mar-2022 01:35:30 Instrument ID: CVOAMS11
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

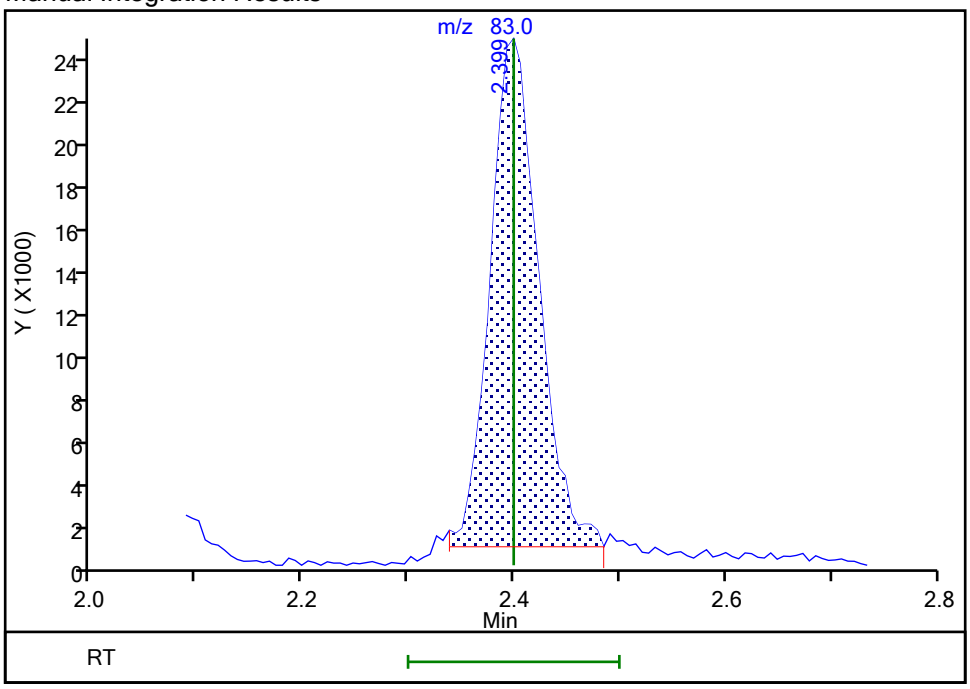
Not Detected
Expected RT: 2.40

Processing Integration Results



Manual Integration Results

RT: 2.40
Area: 75517
Amount: 18.203655
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:14:01
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

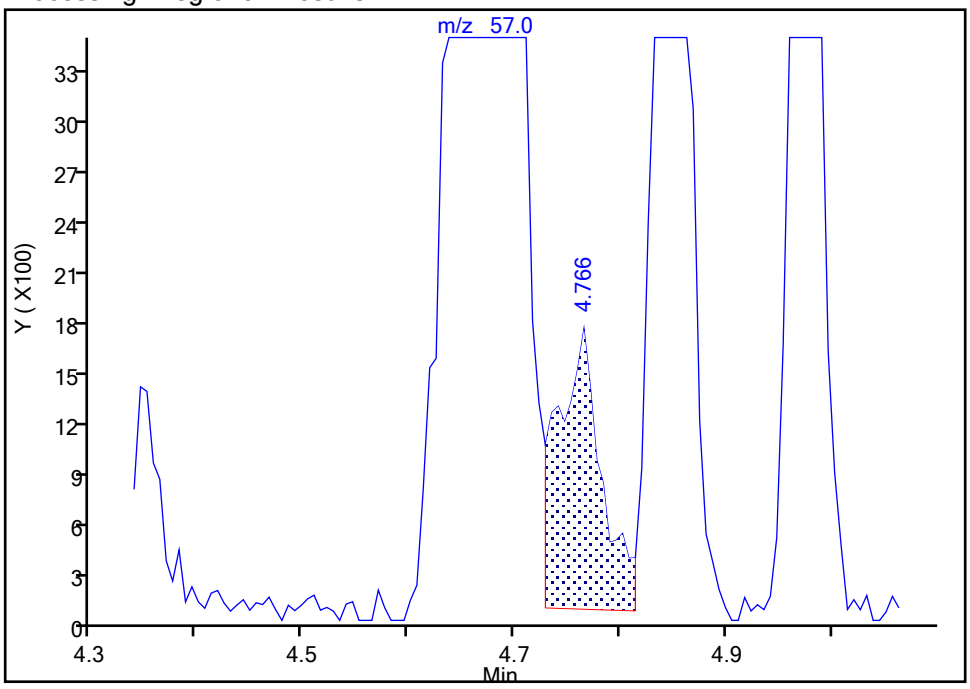
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47430.D
Injection Date: 31-Mar-2022 01:35:30 Instrument ID: CVOAMS11
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

60 Isooctane, CAS: 540-84-1

Signal: 1

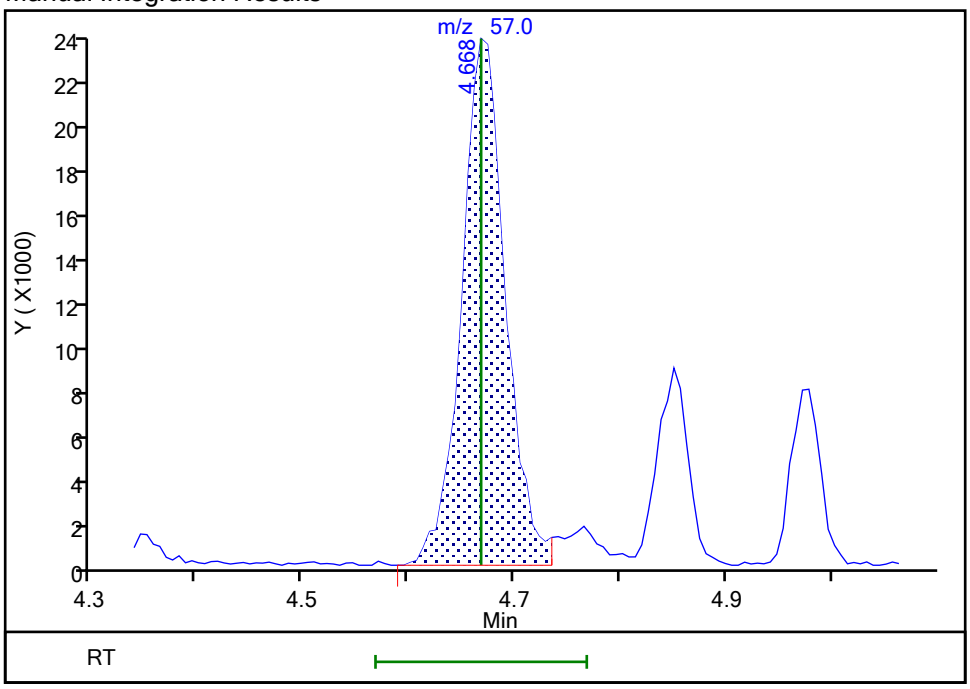
Processing Integration Results

RT: 4.77
Area: 4975
Amount: 2.204238
Amount Units: ug/l



Manual Integration Results

RT: 4.67
Area: 67413
Amount: 24.239078
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:14:30
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47431.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 31-Mar-2022 01:58:30 ALS Bottle#: 15 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0143422-007
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Mar-2022 17:58:29 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: boykink Date: 31-Mar-2022 02:47:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	1.316	1.322	-0.006	64	75927	50.0	52.7	
5 Dichlorodifluoromethane	85	1.347	1.353	-0.006	99	223608	50.0	51.4	
6 Chlorodifluoromethane	51	1.365	1.371	-0.006	95	179364	50.0	52.9	
7 Chloromethane	52	1.468	1.474	-0.006	99	45426	50.0	51.4	
8 Vinyl chloride	62	1.578	1.584	-0.006	97	178818	50.0	49.2	
9 Butadiene	54	1.572	1.584	-0.012	78	111054	50.0	48.4	
10 Bromomethane	94	1.821	1.833	-0.012	98	143110	50.0	50.9	
11 Chloroethane	64	1.900	1.912	-0.012	99	94557	50.0	49.2	
12 Dichlorofluoromethane	67	2.077	2.089	-0.012	98	296892	50.0	52.2	
13 Trichlorofluoromethane	101	2.083	2.095	-0.012	70	268535	50.0	54.3	
14 Pentane	72	2.107	2.113	-0.006	97	34098	100.0	104.0	
15 Ethanol	46	2.265	2.271	-0.006	93	23273	2000.0	2102.8	a
16 Ethyl ether	74	2.290	2.296	-0.006	92	84365	50.0	48.5	
17 2-Methyl-1,3-butadiene	53	2.302	2.314	-0.012	91	95358	50.0	53.4	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	2.332	2.338	-0.006	79	173050	50.0	55.2	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.393	2.399	-0.006	92	213419	50.0	51.7	a
20 Acrolein	56	2.448	2.460	-0.012	73	31024	101.4	103.9	
21 112TCTFE	101	2.466	2.478	-0.012	92	125868	50.0	55.6	
22 1,1-Dichloroethene	96	2.484	2.490	-0.006	92	165315	50.0	51.9	
23 Acetone	58	2.563	2.569	-0.006	88	65510	250.0	255.4	
24 Iodomethane	142	2.624	2.636	-0.012	96	360792	50.0	53.7	
25 Isopropyl alcohol	45	2.649	2.655	-0.006	34	68325	500.0	457.5	
26 Carbon disulfide	76	2.655	2.661	-0.006	98	522427	50.0	51.4	
27 3-Chloro-1-propene	76	2.776	2.782	-0.006	88	113521	50.0	51.0	
28 Methyl acetate	74	2.789	2.795	-0.006	95	54833	100.0	97.1	
29 Cyclopentene	67	2.795	2.807	-0.012	93	320547	50.0	52.5	a
30 Acetonitrile	41	2.843	2.849	-0.006	99	150666	500.0	456.0	a
* 31 TBA-d9 (IS)	66	2.892	2.904	-0.012	67	43033	1000.0	1000.0	
32 Methylene Chloride	84	2.898	2.904	-0.006	78	184437	50.0	50.1	
33 2-Methyl-2-propanol	59	2.959	2.971	-0.012	97	137487	500.0	461.4	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Methyl tert-butyl ether	73	3.050	3.062	-0.012	95	387811	50.0	49.9	
35 trans-1,2-Dichloroethene	96	3.074	3.080	-0.006	86	183265	50.0	49.0	
36 Acrylonitrile	53	3.141	3.153	-0.012	95	502124	500.0	468.5	
37 Hexane	56	3.220	3.227	-0.006	88	46879	50.0	49.6	
38 Isopropyl ether	45	3.427	3.433	-0.006	91	333702	50.0	45.9	
39 1,1-Dichloroethane	63	3.452	3.458	-0.006	99	253052	50.0	48.3	
40 Vinyl acetate	86	3.464	3.470	-0.006	99	68737	100.0	106.0	
41 2-Chloro-1,3-butadiene	88	3.494	3.500	-0.006	87	149688	50.0	50.3	
42 Tert-butyl ethyl ether	59	3.725	3.738	-0.013	92	346709	50.0	48.2	
* 43 2-Butanone-d5	46	3.914	3.914	0.000	90	221908	250.0	250.0	
44 2,2-Dichloropropane	79	3.926	3.932	-0.006	89	68658	50.0	49.9	
45 cis-1,2-Dichloroethene	96	3.950	3.957	-0.007	98	197401	50.0	49.0	
46 2-Butanone (MEK)	72	3.963	3.969	-0.006	99	93087	250.0	244.3	
47 Ethyl acetate	70	3.969	3.975	-0.006	96	32879	100.0	99.1	
48 Methyl acrylate	55	4.017	4.023	-0.006	98	109834	50.0	48.0	
49 Propionitrile	54	4.090	4.096	-0.006	98	189751	500.0	454.7	
50 Tetrahydrofuran	72	4.163	4.176	-0.013	51	41527	100.0	101.8	
51 Chlorobromomethane	128	4.170	4.176	-0.006	66	117192	50.0	50.1	
52 Methacrylonitrile	67	4.194	4.194	0.000	85	628809	500.0	487.7	
53 Chloroform	83	4.218	4.224	-0.006	99	291811	50.0	49.8	
54 Cyclohexane	84	4.346	4.346	0.000	81	174252	50.0	50.2	
55 1,1,1-Trichloroethane	97	4.358	4.364	-0.006	97	243575	50.0	49.6	
$ 56 Dibromofluoromethane (Surr)	113	4.370	4.376	-0.006	97	165995	50.0	48.2	
57 Carbon tetrachloride	117	4.474	4.480	-0.006	97	220860	50.0	51.0	
58 1,1-Dichloropropene	75	4.504	4.504	0.000	96	201135	50.0	49.2	
59 Isobutyl alcohol	43	4.626	4.632	-0.006	98	125042	1250.0	1009.3	
60 Isooctane	57	4.668	4.668	0.000	96	131529	50.0	47.5	a
61 Benzene	78	4.693	4.699	-0.006	94	608289	50.0	45.6	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.711	4.711	0.000	79	151516	50.0	47.7	
64 Isopropyl acetate	43	4.754	4.760	-0.006	85	301378	50.0	47.4	
63 Tert-amyl methyl ether	73	4.760	4.766	-0.006	87	417398	50.0	49.6	
65 1,2-Dichloroethane	62	4.784	4.784	0.000	96	198405	50.0	48.0	
66 n-Heptane	57	4.845	4.851	-0.006	81	37122	50.0	47.2	
* 67 Fluorobenzene	96	4.973	4.979	-0.006	100	578218	50.0	50.0	
68 n-Butanol	56	5.277	5.277	0.000	83	76763	1250.0	970.0	
69 Trichloroethene	95	5.313	5.319	-0.006	93	168560	50.0	48.7	
71 Methylcyclohexane	83	5.441	5.441	0.000	75	150469	50.0	52.4	
70 Ethyl acrylate	99	5.441	5.447	-0.006	97	22189	50.0	47.2	
72 1,2-Dichloropropane	63	5.599	5.599	0.000	91	134456	50.0	47.6	
* 73 1,4-Dioxane-d8	96	5.654	5.654	0.000	83	32216	1000.0	1000.0	
74 Methyl methacrylate	100	5.684	5.684	0.000	78	92680	100.0	98.8	
75 1,4-Dioxane	88	5.709	5.709	0.000	86	40014	1000.0	985.6	
76 Dibromomethane	93	5.727	5.727	0.000	96	111388	50.0	48.4	
77 n-Propyl acetate	43	5.739	5.739	0.000	96	148314	50.0	43.5	
78 Dichlorobromomethane	83	5.873	5.879	-0.006	98	208055	50.0	48.9	
79 2-Nitropropane	41	6.208	6.214	-0.006	88	59360	100.0	89.0	
80 2-Chloroethyl vinyl ether	63	6.214	6.214	0.000	80	65071	50.1	49.2	
81 Epichlorohydrin	57	6.311	6.311	0.000	99	263919	1000.0	1058.7	
82 cis-1,3-Dichloropropene	75	6.366	6.366	0.000	88	243409	50.0	47.5	
83 4-Methyl-2-pentanone (MIBK)	43	6.530	6.536	-0.006	92	550741	250.0	266.2	
$ 84 Toluene-d8 (Surr)	98	6.603	6.609	-0.006	99	582942	50.0	47.0	
85 Toluene	91	6.682	6.682	0.000	92	678456	50.0	47.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	7.029	7.035	-0.006	94	220376	50.0	48.3	
87 Ethyl methacrylate	69	7.065	7.065	0.000	86	168451	50.0	48.6	
88 1,1,2-Trichloroethane	83	7.242	7.242	0.000	95	123364	50.0	47.9	
89 Tetrachloroethene	166	7.278	7.278	0.000	95	162703	50.0	49.5	
90 1,3-Dichloropropane	76	7.449	7.449	0.001	88	226863	50.0	47.7	
91 2-Hexanone	58	7.515	7.515	0.000	91	239787	250.0	261.5	
92 n-Butyl acetate	43	7.631	7.637	-0.006	94	160129	50.0	46.9	
93 Chlorodibromomethane	129	7.674	7.674	0.000	97	183311	50.0	49.4	
94 Ethylene Dibromide	107	7.820	7.820	0.000	100	172210	50.0	50.0	
* 95 Chlorobenzene-d5	117	8.361	8.367	-0.006	82	498856	50.0	50.0	
96 Chlorobenzene	112	8.398	8.398	0.000	99	491977	50.0	49.7	
97 Ethylbenzene	106	8.507	8.507	0.000	97	247733	50.0	51.6	
98 1,1,1,2-Tetrachloroethane	131	8.519	8.525	-0.006	96	198820	50.0	51.0	
99 m-Xylene & p-Xylene	106	8.665	8.665	0.000	96	296653	50.0	52.3	
100 o-Xylene	106	9.182	9.182	0.000	96	312207	50.0	52.5	
101 n-Butyl acrylate	73	9.182	9.182	0.000	58	107647	50.0	48.7	
102 Styrene	104	9.219	9.219	0.000	98	498514	50.0	49.2	
104 Bromoform	173	9.462	9.462	0.000	95	121112	50.0	48.5	
103 Amyl acetate (mixed isomers)	43	9.462	9.462	0.000	92	194252	50.0	45.3	
105 Isopropylbenzene	105	9.614	9.614	0.000	94	691326	50.0	51.6	
$ 106 4-Bromofluorobenzene	174	9.839	9.839	0.000	92	171051	50.0	47.3	
107 Bromobenzene	156	9.979	9.979	0.000	90	212267	50.0	47.5	
108 1,1,2,2-Tetrachloroethane	83	10.046	10.046	0.000	97	211518	50.0	45.9	
109 N-Propylbenzene	91	10.071	10.071	0.000	100	699239	50.0	49.1	
110 1,2,3-Trichloropropane	110	10.095	10.095	0.000	94	68899	50.0	46.5	
111 trans-1,4-Dichloro-2-butene	53	10.119	10.119	0.000	97	42540	50.0	47.9	
112 2-Chlorotoluene	91	10.180	10.180	0.000	96	552563	50.0	48.2	
113 4-Ethyltoluene	105	10.198	10.198	0.000	98	648669	50.0	49.8	
114 1,3,5-Trimethylbenzene	105	10.271	10.271	0.000	93	564372	50.0	51.7	
115 4-Chlorotoluene	91	10.308	10.308	0.000	95	537930	50.0	50.2	
116 Butyl Methacrylate	87	10.393	10.393	0.000	84	184227	50.0	40.6	
117 tert-Butylbenzene	119	10.582	10.582	0.000	95	433603	50.0	52.1	
118 1,2,4-Trimethylbenzene	105	10.642	10.642	0.000	96	618606	50.0	52.9	
119 sec-Butylbenzene	105	10.795	10.794	0.001	99	591067	50.0	52.4	
120 1,3-Dichlorobenzene	146	10.928	10.928	0.000	98	385638	50.0	49.6	
121 4-Isopropyltoluene	119	10.934	10.934	0.000	98	523280	50.0	53.0	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	93	295782	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.020	11.020	0.000	96	401095	50.0	48.9	
124 1,2,3-Trimethylbenzene	105	11.044	11.044	0.000	97	707094	50.0	51.1	
125 Benzyl chloride	126	11.160	11.159	0.001	99	105548	50.0	51.9	
126 2,3-Dihydroindene	117	11.220	11.220	0.000	94	755389	50.0	52.1	
127 p-Diethylbenzene	119	11.287	11.287	0.000	94	267985	50.0	50.6	
128 n-Butylbenzene	92	11.306	11.305	0.001	97	237558	50.0	52.4	
129 1,2-Dichlorobenzene	146	11.354	11.354	0.000	97	411030	50.0	50.3	
130 1,2,4,5-Tetramethylbenzene	119	11.950	11.956	-0.006	97	495462	50.0	51.6	
131 1,2-Dibromo-3-Chloropropane	157	12.036	12.036	0.000	93	59502	50.0	48.4	
132 1,3,5-Trichlorobenzene	180	12.151	12.151	0.000	98	196201	50.0	49.2	
133 1,2,4-Trichlorobenzene	180	12.650	12.650	0.000	95	189252	50.0	50.7	
134 Hexachlorobutadiene	225	12.735	12.741	-0.006	90	49699	50.0	50.1	
135 Naphthalene	128	12.845	12.845	0.000	99	676496	50.0	52.9	
136 1,2,3-Trichlorobenzene	180	13.021	13.021	0.000	97	163175	50.0	52.5	
S 137 1,2-Dichloroethene, Total	100				0		100.0	98.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		100.0	104.8	
S 139 Total BTEX	1				0		250.0	249.7	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00151	Amount Added:	50.00	Units: uL	
GASES Li_00469	Amount Added:	50.00	Units: uL	
ACROLEIN W_00138	Amount Added:	10.00	Units: uL	
524freon_00050	Amount Added:	50.00	Units: uL	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00226	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Mar-2022 17:58:31 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47431.D

Injection Date: 31-Mar-2022 01:58:30 Instrument ID: CVOAMS11 Operator ID:

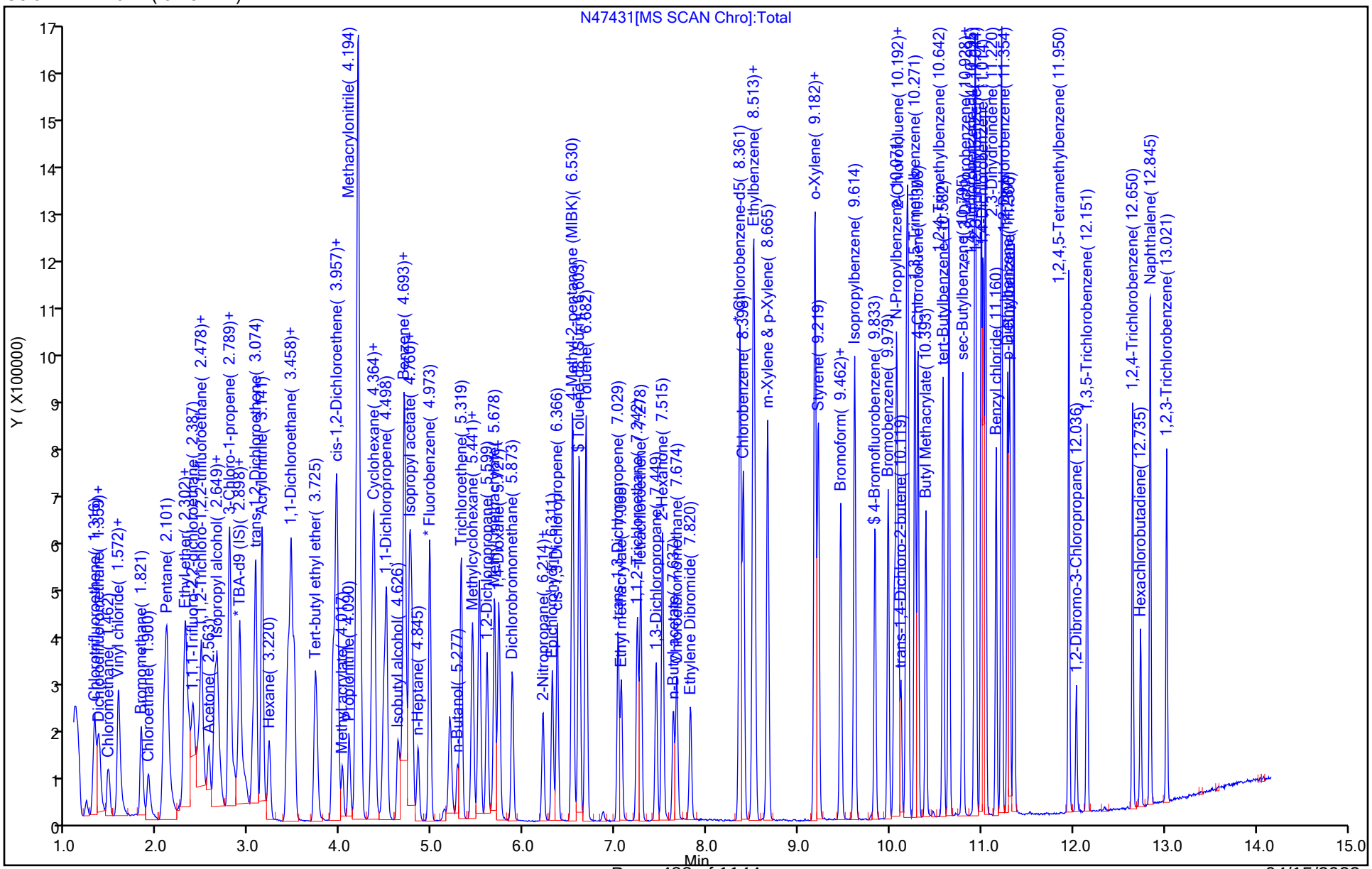
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 15

Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

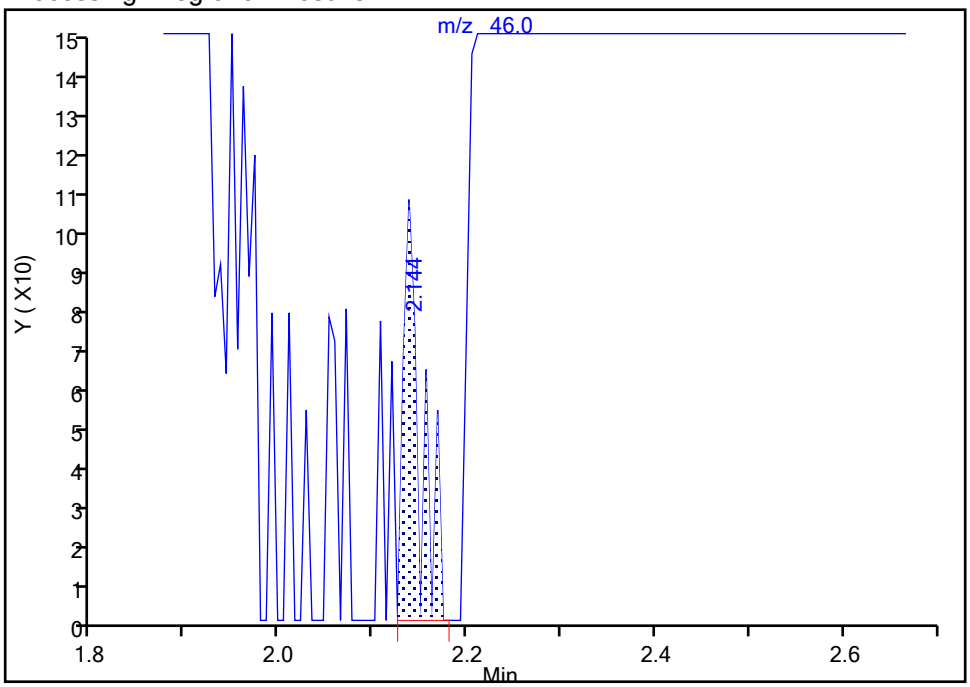
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47431.D
Injection Date: 31-Mar-2022 01:58:30 Instrument ID: CVOAMS11
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 Ethanol, CAS: 64-17-5

Signal: 1

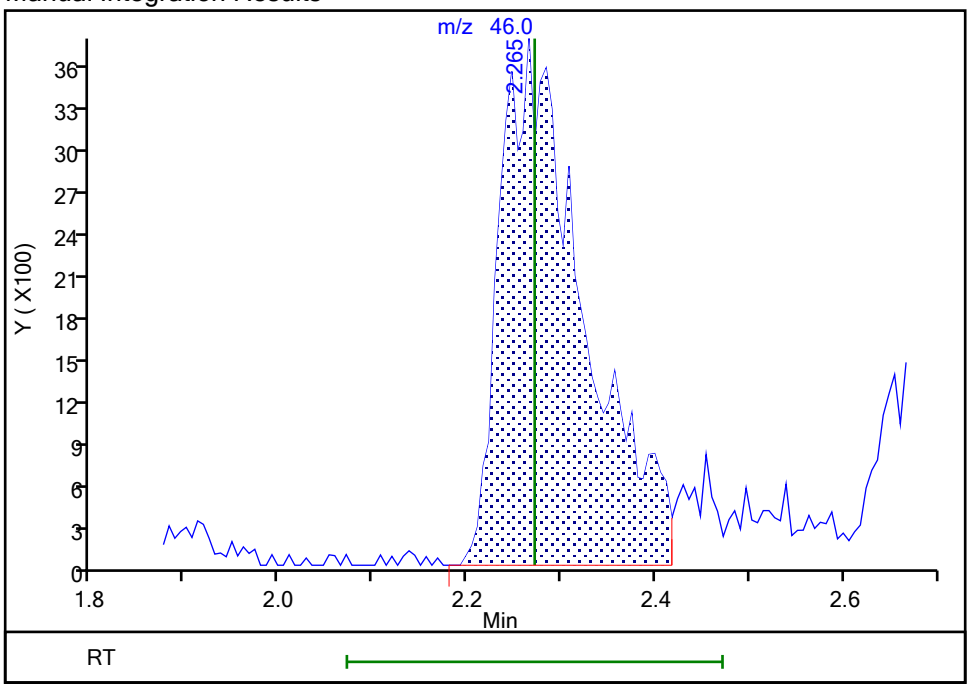
Processing Integration Results

RT: 2.14
Area: 130
Amount: 11.733345
Amount Units: ug/l



Manual Integration Results

RT: 2.27
Area: 23273
Amount: 2102.8120
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:34:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

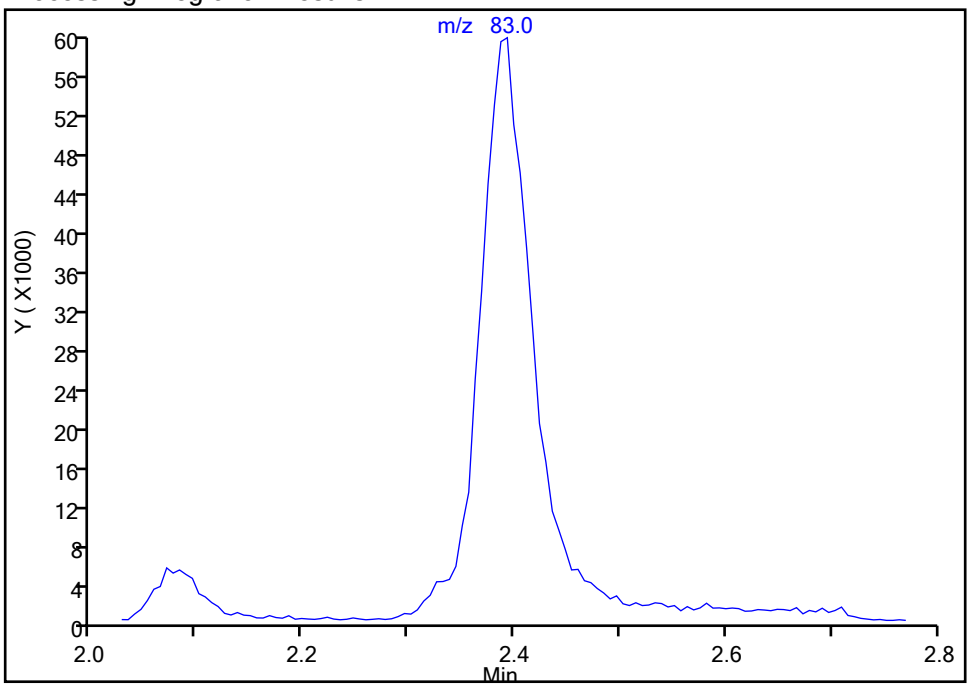
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47431.D
Injection Date: 31-Mar-2022 01:58:30 Instrument ID: CVOAMS11
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

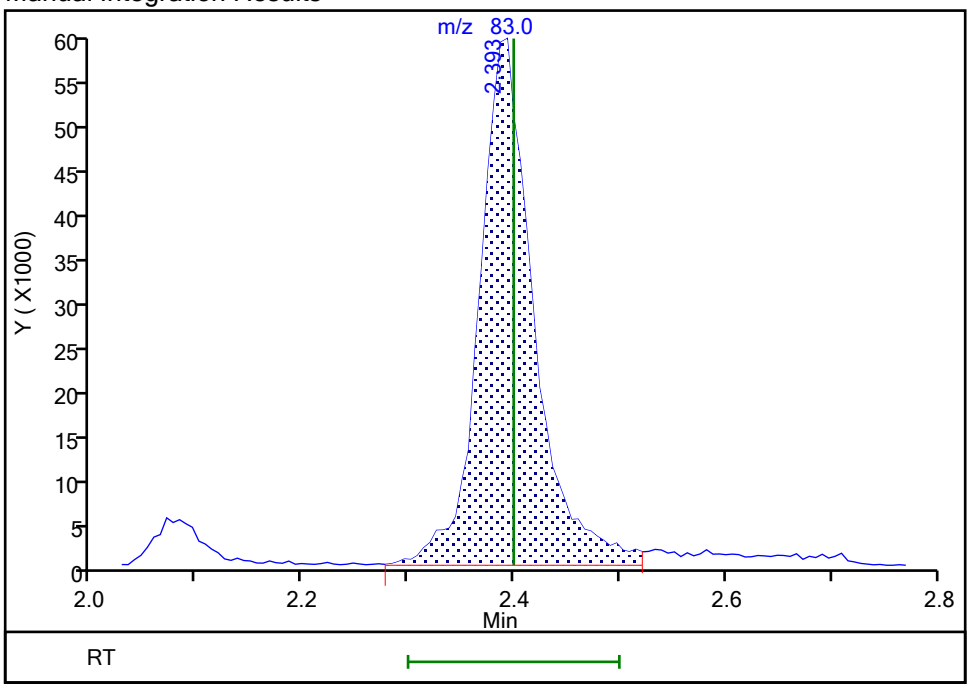
Not Detected
Expected RT: 2.40

Processing Integration Results



Manual Integration Results

RT: 2.39
Area: 213419
Amount: 51.683005
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:35:00
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

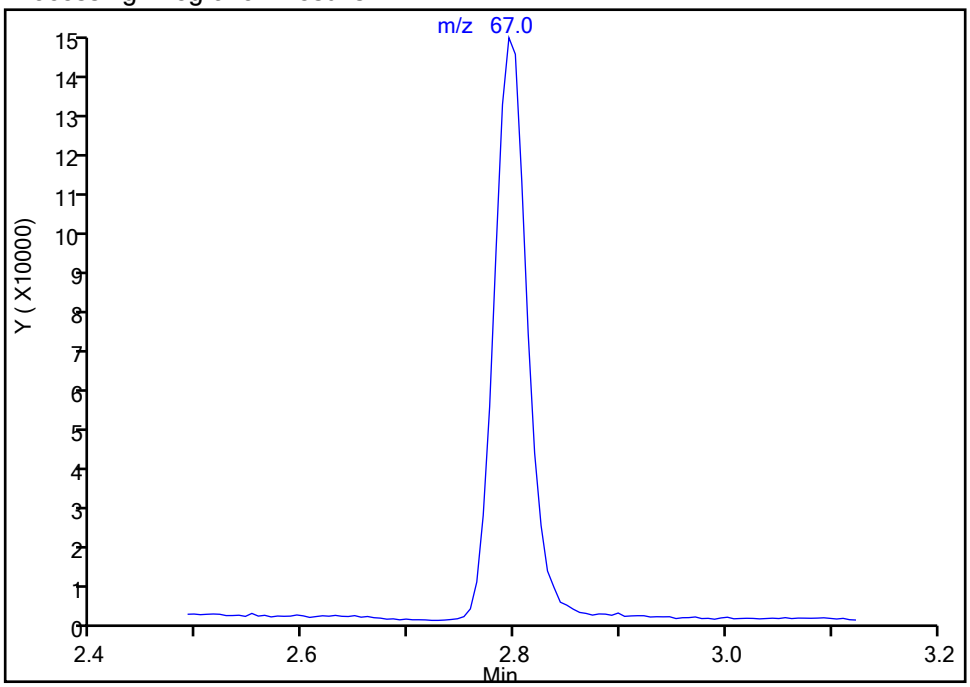
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47431.D
Injection Date: 31-Mar-2022 01:58:30 Instrument ID: CVOAMS11
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Cyclopentene, CAS: 142-29-0

Signal: 1

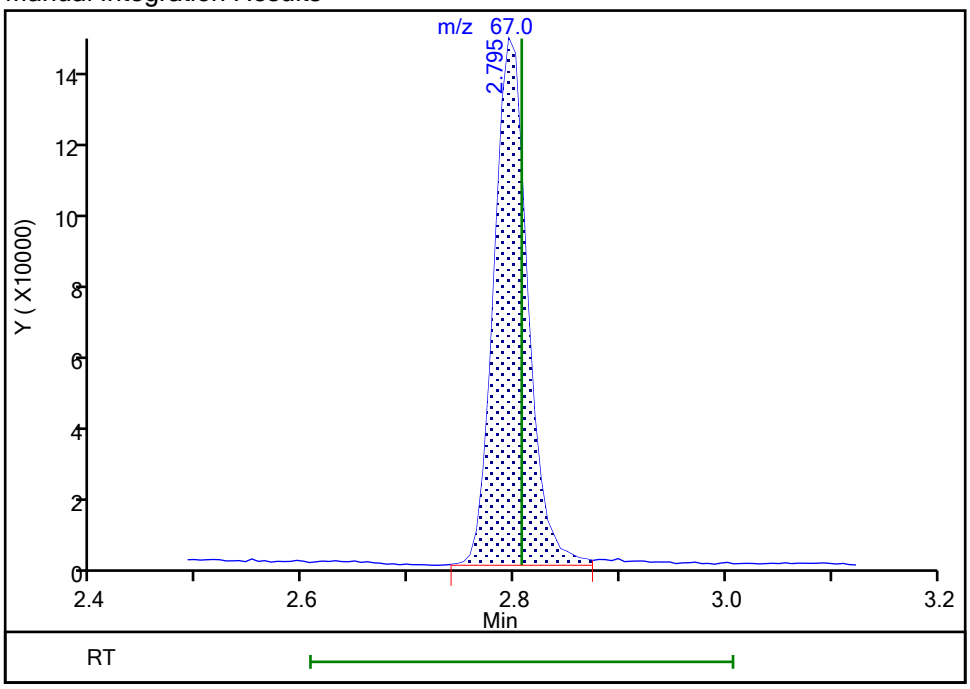
Not Detected
Expected RT: 2.81

Processing Integration Results



Manual Integration Results

RT: 2.79
Area: 320547
Amount: 52.492308
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:35:08
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

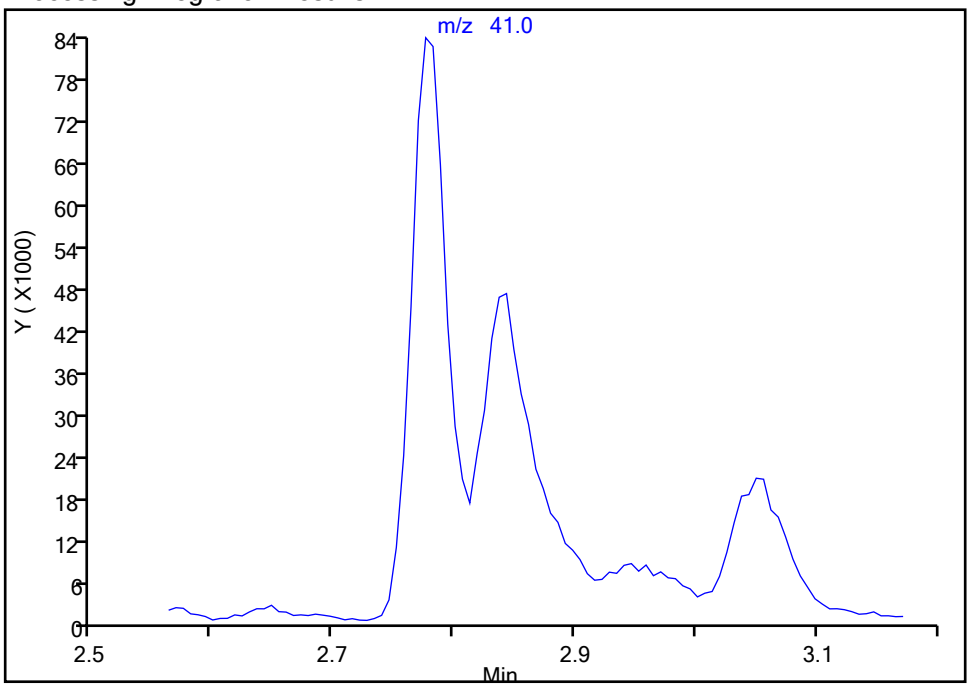
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47431.D
Injection Date: 31-Mar-2022 01:58:30 Instrument ID: CVOAMS11
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

30 Acetonitrile, CAS: 75-05-8

Signal: 1

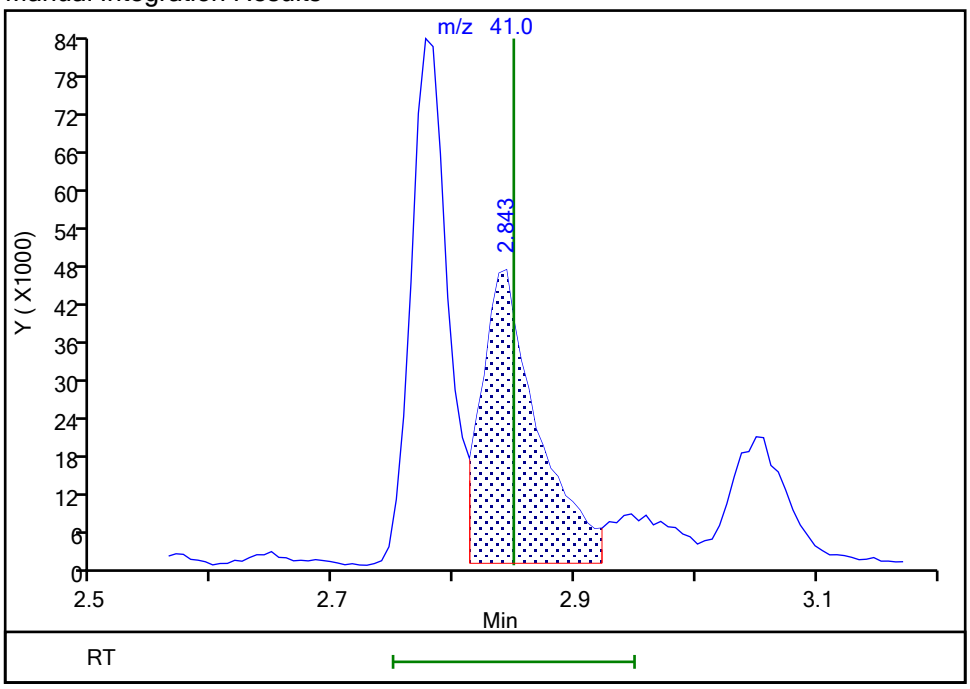
Not Detected
Expected RT: 2.85

Processing Integration Results



Manual Integration Results

RT: 2.84
Area: 150666
Amount: 456.0215
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:35:12
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

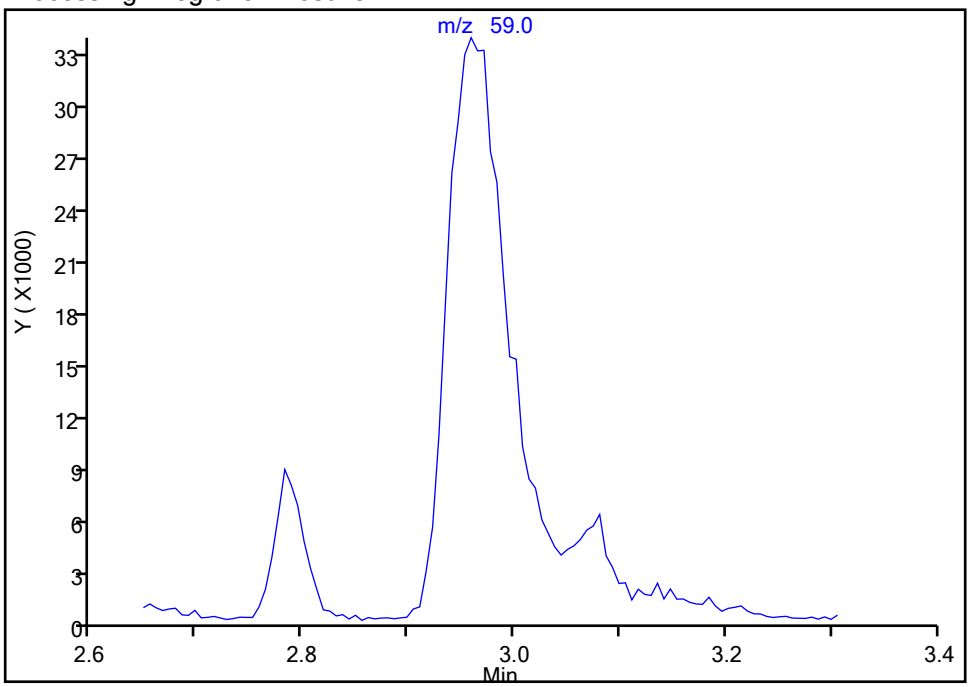
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47431.D
Injection Date: 31-Mar-2022 01:58:30 Instrument ID: CVOAMS11
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

33 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

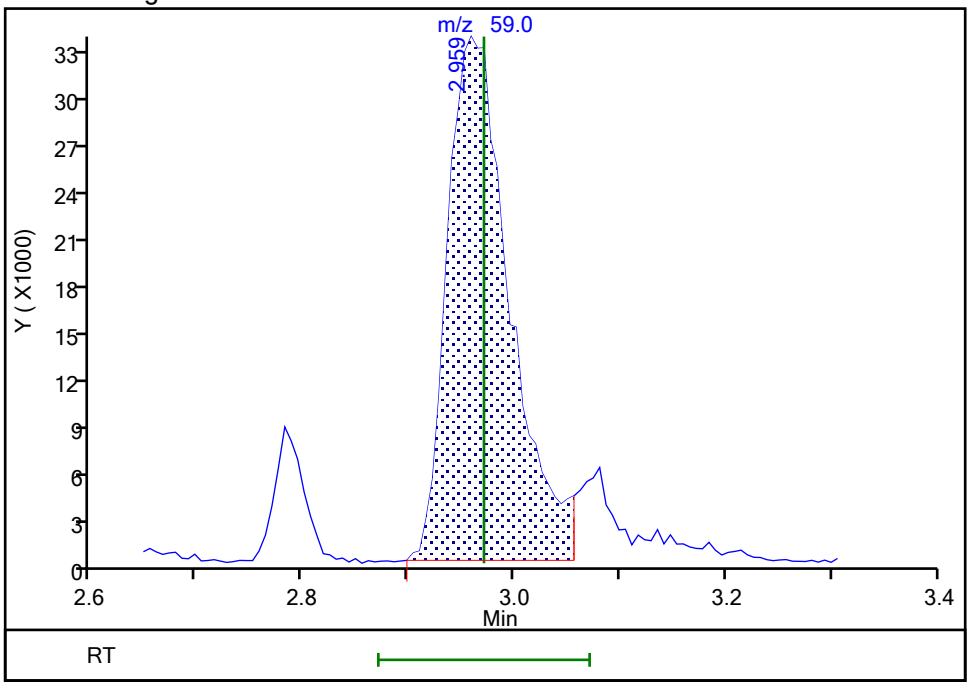
Not Detected
Expected RT: 2.97

Processing Integration Results



Manual Integration Results

RT: 2.96
Area: 137487
Amount: 461.4141
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:35:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

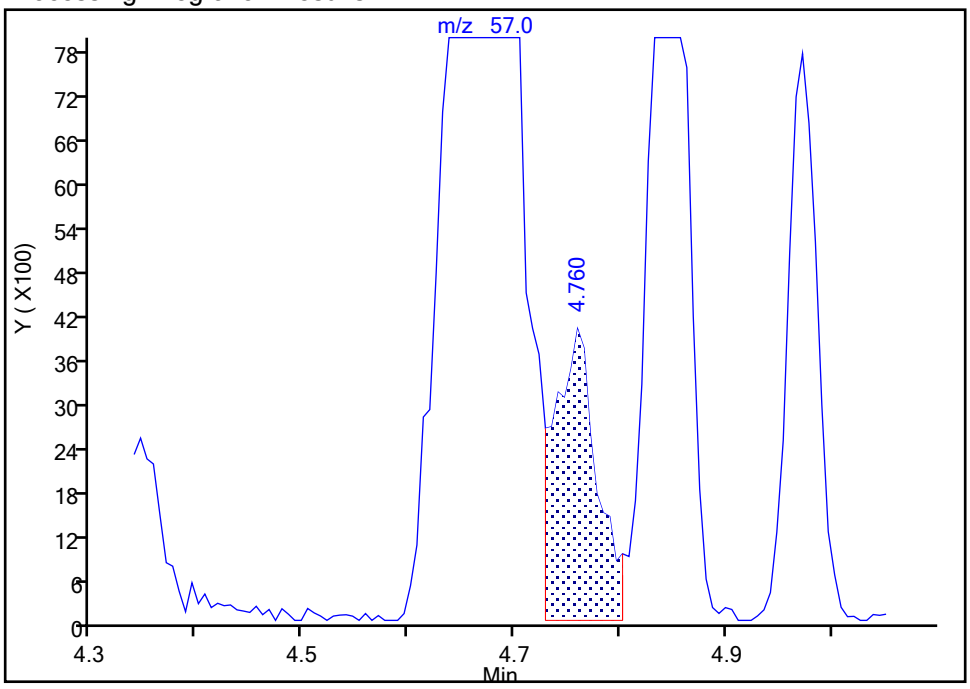
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47431.D
Injection Date: 31-Mar-2022 01:58:30 Instrument ID: CVOAMS11
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

60 Isooctane, CAS: 540-84-1

Signal: 1

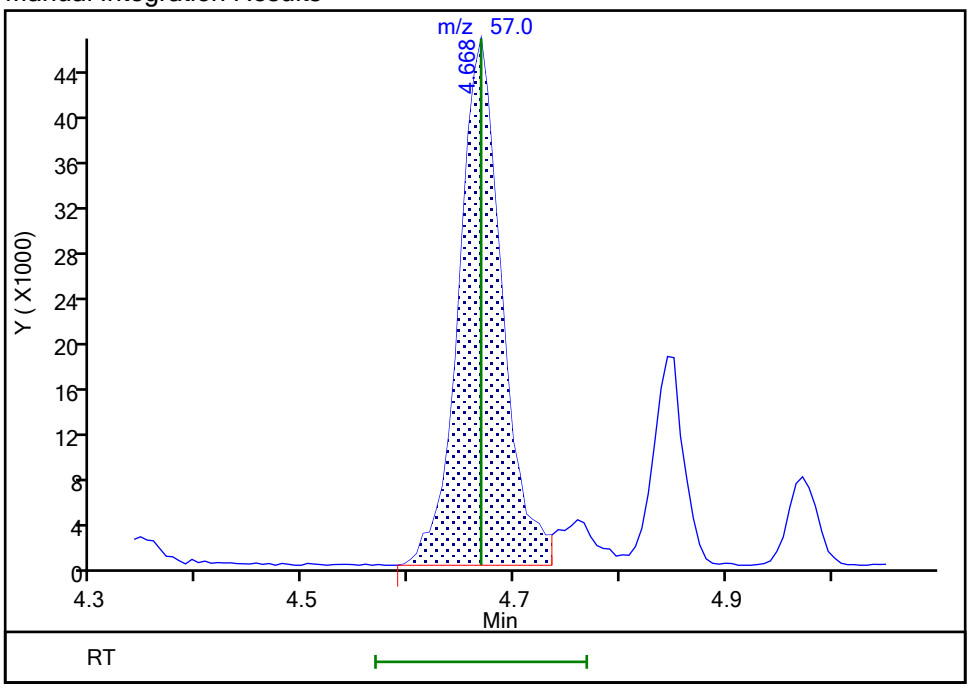
Processing Integration Results

RT: 4.76
Area: 11499
Amount: 4.856610
Amount Units: ug/l



Manual Integration Results

RT: 4.67
Area: 131529
Amount: 47.511064
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:35:27
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47432.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 31-Mar-2022 02:21:30 ALS Bottle#: 16 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0143422-008
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Mar-2022 17:58:36 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: boykink Date: 31-Mar-2022 03:51:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	1.328	1.322	0.006	54	332743	200.0	188.7	
5 Dichlorodifluoromethane	85	1.359	1.353	0.006	99	1057208	200.0	198.5	
6 Chlorodifluoromethane	51	1.371	1.371	0.000	96	797856	200.0	192.4	
7 Chloromethane	52	1.480	1.474	0.006	99	231344	200.0	183.5	
8 Vinyl chloride	62	1.584	1.584	0.000	98	827373	200.0	185.9	
9 Butadiene	54	1.590	1.584	0.006	93	530532	200.0	188.3	
10 Bromomethane	94	1.839	1.833	0.006	99	657610	200.0	191.0	
11 Chloroethane	64	1.912	1.912	0.000	99	430652	200.0	183.1	
12 Dichlorofluoromethane	67	2.089	2.089	0.000	98	1299490	200.0	186.9	
13 Trichlorofluoromethane	101	2.095	2.095	0.000	98	1130836	200.0	186.8	
14 Pentane	72	2.119	2.113	0.006	95	136818	400.0	348.2	
15 Ethanol	46	2.283	2.271	0.012	75	109430	8000.0	8338.3	
16 Ethyl ether	74	2.296	2.296	0.000	91	372437	200.0	175.1	
17 2-Methyl-1,3-butadiene	53	2.314	2.314	0.000	93	395966	200.0	181.3	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	2.344	2.338	0.006	85	718771	200.0	187.4	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.399	2.399	0.000	91	949747	200.0	188.0	a
20 Acrolein	56	2.454	2.460	-0.006	41	69713	202.8	194.8	
21 112TCTFE	101	2.466	2.478	-0.012	94	420296	200.0	151.8	
22 1,1-Dichloroethene	96	2.490	2.490	0.000	93	696843	200.0	178.6	
23 Acetone	58	2.569	2.569	0.000	88	332049	1000.0	907.2	
24 Iodomethane	142	2.630	2.636	-0.006	96	1478816	200.0	179.8	
25 Isopropyl alcohol	45	2.648	2.655	-0.007	98	328225	2000.0	1834.4	a
26 Carbon disulfide	76	2.661	2.661	0.000	98	2234351	200.0	179.7	
27 3-Chloro-1-propene	76	2.788	2.782	0.006	91	604729	200.0	221.9	
28 Methyl acetate	74	2.794	2.795	-0.001	96	253943	400.0	375.4	
29 Cyclopentene	67	2.807	2.807	0.000	93	1516540	200.0	203.0	
30 Acetonitrile	41	2.843	2.849	-0.006	99	931498	2000.0	2353.1	a
* 31 TBA-d9 (IS)	66	2.886	2.904	-0.018	51	51561	1000.0	1000.0	
32 Methylene Chloride	84	2.910	2.904	0.006	83	881224	200.0	195.7	
33 2-Methyl-2-propanol	59	2.965	2.971	-0.006	97	674940	2000.0	1890.5	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Methyl tert-butyl ether	73	3.056	3.062	-0.006	96	1828406	200.0	192.4	
35 trans-1,2-Dichloroethene	96	3.080	3.080	0.000	89	847670	200.0	185.3	
36 Acrylonitrile	53	3.147	3.153	-0.006	95	2637450	2000.0	2054.0	
37 Hexane	56	3.226	3.227	0.000	89	219048	200.0	189.6	
38 Isopropyl ether	45	3.427	3.433	-0.006	93	1890297	200.0	212.6	
39 1,1-Dichloroethane	63	3.458	3.458	0.000	99	1282347	200.0	200.1	
40 Vinyl acetate	86	3.470	3.470	0.000	99	350239	400.0	378.5	
41 2-Chloro-1,3-butadiene	88	3.500	3.500	0.000	87	736789	200.0	202.3	
42 Tert-butyl ethyl ether	59	3.731	3.738	-0.007	91	1780109	200.0	202.3	
* 43 2-Butanone-d5	46	3.914	3.914	0.000	90	316635	250.0	250.0	
44 2,2-Dichloropropane	79	3.932	3.932	0.000	92	306308	200.0	181.9	
45 cis-1,2-Dichloroethene	96	3.956	3.957	-0.001	99	930062	200.0	188.7	
46 2-Butanone (MEK)	72	3.969	3.969	0.000	100	488955	1000.0	899.3	
47 Ethyl acetate	70	3.975	3.975	0.000	96	168510	400.0	355.8	
48 Methyl acrylate	55	4.023	4.023	0.000	99	597197	200.0	213.3	
49 Propionitrile	54	4.096	4.096	0.000	98	1040021	2000.0	2080.2	
50 Tetrahydrofuran	72	4.169	4.176	-0.007	90	205092	400.0	352.5	
51 Chlorobromomethane	128	4.175	4.176	-0.001	76	523996	200.0	183.0	
52 Methacrylonitrile	67	4.200	4.194	0.006	88	3327249	2000.0	2108.9	
53 Chloroform	83	4.224	4.224	0.000	99	1370629	200.0	191.3	
54 Cyclohexane	84	4.352	4.346	0.006	84	785673	200.0	185.1	
55 1,1,1-Trichloroethane	97	4.364	4.364	0.000	98	1112003	200.0	185.1	
$ 56 Dibromofluoromethane (Surr)	113	4.376	4.376	0.000	96	199303	50.0	47.3	
57 Carbon tetrachloride	117	4.480	4.480	0.000	97	1014127	200.0	191.6	
58 1,1-Dichloropropene	75	4.504	4.504	0.000	97	998324	200.0	199.8	
59 Isobutyl alcohol	43	4.632	4.632	0.000	95	723365	5000.0	4873.0	
60 Isooctane	57	4.674	4.668	0.006	97	613313	200.0	181.1	a
61 Benzene	78	4.699	4.699	0.000	94	3034017	200.0	207.7	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.711	4.711	0.000	65	186904	50.0	48.1	
64 Isopropyl acetate	43	4.759	4.760	-0.001	96	1697689	200.0	218.4	
63 Tert-amyl methyl ether	73	4.766	4.766	0.000	91	2067098	200.0	200.6	
65 1,2-Dichloroethane	62	4.790	4.784	0.006	97	942678	200.0	186.4	
66 n-Heptane	57	4.851	4.851	0.000	85	189360	200.0	196.6	
* 67 Fluorobenzene	96	4.978	4.979	-0.001	100	707505	50.0	50.0	
68 n-Butanol	56	5.277	5.277	0.000	85	485656	5000.0	5119.5	
69 Trichloroethene	95	5.319	5.319	0.000	95	795339	200.0	188.0	
71 Methylcyclohexane	83	5.441	5.441	0.000	67	669882	200.0	190.5	
70 Ethyl acrylate	99	5.441	5.447	-0.006	97	110416	200.0	191.8	
72 1,2-Dichloropropane	63	5.605	5.599	0.006	93	714764	200.0	206.6	
* 73 1,4-Dioxane-d8	96	5.660	5.654	0.006	71	38431	1000.0	1000.0	M
74 Methyl methacrylate	100	5.684	5.684	0.000	81	468765	400.0	408.5	
75 1,4-Dioxane	88	5.708	5.709	-0.001	82	184430	4000.0	3868.7	
76 Dibromomethane	93	5.727	5.727	0.000	98	535897	200.0	190.1	
77 n-Propyl acetate	43	5.739	5.739	0.000	97	893040	200.0	214.0	
78 Dichlorobromomethane	83	5.879	5.879	0.000	99	1028456	200.0	197.5	
79 2-Nitropropane	41	6.207	6.214	-0.007	89	324736	400.0	406.2	
80 2-Chloroethyl vinyl ether	63	6.213	6.214	-0.001	86	374473	200.5	231.3	
81 Epichlorohydrin	57	6.317	6.311	0.006	99	1317782	4000.0	3704.8	
82 cis-1,3-Dichloropropene	75	6.372	6.366	0.006	88	1188724	200.0	211.9	
83 4-Methyl-2-pentanone (MIBK)	43	6.536	6.536	0.000	92	2784470	1000.0	943.4	
$ 84 Toluene-d8 (Surr)	98	6.609	6.609	0.000	99	683097	50.0	50.3	
85 Toluene	91	6.682	6.682	0.000	93	3089316	200.0	197.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	7.035	7.035	0.000	94	1066323	200.0	213.2	
87 Ethyl methacrylate	69	7.065	7.065	0.000	86	877751	200.0	205.4	
88 1,1,2-Trichloroethane	83	7.242	7.242	0.000	95	532106	200.0	188.7	
89 Tetrachloroethene	166	7.278	7.278	0.000	94	684228	200.0	189.9	
90 1,3-Dichloropropane	76	7.448	7.449	0.000	89	1008606	200.0	193.5	
91 2-Hexanone	58	7.515	7.515	0.000	92	1115873	1000.0	848.2	
92 n-Butyl acetate	43	7.631	7.637	-0.006	97	767733	200.0	205.2	
93 Chlorodibromomethane	129	7.673	7.674	-0.001	97	800557	200.0	196.8	
94 Ethylene Dibromide	107	7.826	7.820	0.006	98	736245	200.0	195.1	
* 95 Chlorobenzene-d5	117	8.367	8.367	0.000	81	546456	50.0	50.0	
96 Chlorobenzene	112	8.404	8.398	0.006	99	2098753	200.0	193.6	
97 Ethylbenzene	106	8.507	8.507	0.000	97	1054940	200.0	200.7	
98 1,1,1,2-Tetrachloroethane	131	8.525	8.525	0.000	97	835156	200.0	195.4	
99 m-Xylene & p-Xylene	106	8.665	8.665	0.000	96	1290561	200.0	207.5	
100 o-Xylene	106	9.182	9.182	0.000	95	1431015	200.0	219.9	
101 n-Butyl acrylate	73	9.182	9.182	0.000	63	582122	200.0	240.2	
102 Styrene	104	9.219	9.219	0.000	98	2381001	200.0	213.0	
104 Bromoform	173	9.462	9.462	0.000	94	544256	200.0	207.8	
103 Amyl acetate (mixed isomers)	43	9.462	9.462	0.000	93	1102206	200.0	244.8	
105 Isopropylbenzene	105	9.614	9.614	0.000	95	3243515	200.0	220.9	
$ 106 4-Bromofluorobenzene	174	9.839	9.839	0.000	91	201575	50.0	50.9	
107 Bromobenzene	156	9.979	9.979	0.000	95	928771	200.0	198.2	
108 1,1,2,2-Tetrachloroethane	83	10.046	10.046	0.000	98	1032899	200.0	213.6	
109 N-Propylbenzene	91	10.076	10.071	0.005	100	3326898	200.0	222.8	
110 1,2,3-Trichloropropane	110	10.095	10.095	0.000	96	317364	200.0	204.3	
111 trans-1,4-Dichloro-2-butene	53	10.119	10.119	0.000	96	228286	200.0	244.8	
112 2-Chlorotoluene	91	10.180	10.180	0.000	97	2602151	200.0	216.3	
113 4-Ethyltoluene	105	10.198	10.198	0.000	98	3059348	200.0	223.7	
114 1,3,5-Trimethylbenzene	105	10.271	10.271	0.000	93	2572287	200.0	224.5	
115 4-Chlorotoluene	91	10.308	10.308	0.000	96	2372044	200.0	211.1	
116 Butyl Methacrylate	87	10.393	10.393	0.000	84	1026858	200.0	204.4	
117 tert-Butylbenzene	119	10.581	10.582	-0.001	95	1934957	200.0	221.7	
118 1,2,4-Trimethylbenzene	105	10.648	10.642	0.006	96	2734830	200.0	223.0	
119 sec-Butylbenzene	105	10.794	10.794	0.000	99	2597546	200.0	219.4	
120 1,3-Dichlorobenzene	146	10.928	10.928	0.000	97	1605665	200.0	197.0	
121 4-Isopropyltoluene	119	10.940	10.934	0.006	98	2315107	200.0	223.6	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	94	310366	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.019	11.020	-0.001	96	1665503	200.0	193.4	
124 1,2,3-Trimethylbenzene	105	11.044	11.044	0.000	97	3231871	200.0	222.5	
125 Benzyl chloride	126	11.159	11.159	0.000	99	488148	200.0	228.6	
126 2,3-Dihydroindene	117	11.220	11.220	0.000	94	3377735	200.0	222.2	
127 p-Diethylbenzene	119	11.287	11.287	0.000	94	1186196	200.0	213.6	
128 n-Butylbenzene	92	11.305	11.305	0.000	96	999661	200.0	210.0	
129 1,2-Dichlorobenzene	146	11.354	11.354	0.000	97	1706998	200.0	199.0	
130 1,2,4,5-Tetramethylbenzene	119	11.956	11.956	0.000	97	2336793	200.0	231.7	
131 1,2-Dibromo-3-Chloropropane	157	12.035	12.036	-0.001	94	257040	200.0	199.4	
132 1,3,5-Trichlorobenzene	180	12.151	12.151	0.000	97	848491	200.0	202.6	
133 1,2,4-Trichlorobenzene	180	12.650	12.650	0.000	95	792488	200.0	202.5	
134 Hexachlorobutadiene	225	12.741	12.741	0.000	91	199838	200.0	191.9	
135 Naphthalene	128	12.845	12.845	0.000	99	2961826	200.0	220.8	
136 1,2,3-Trichlorobenzene	180	13.021	13.021	0.000	96	667973	200.0	204.9	
S 137 1,2-Dichloroethene, Total	100				0		400.0	374.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		400.0	427.4	
S 139 Total BTEX	1				0		1000.0	1033.7	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00138	Amount Added:	20.00	Units: uL	
8FreonHi_00042	Amount Added:	20.00	Units: uL	
Ethanol mix_00062	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00121	Amount Added:	20.00	Units: uL	
MIX I Hi_00148	Amount Added:	20.00	Units: uL	
GAS Hi_00411	Amount Added:	20.00	Units: uL	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00226	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Mar-2022 17:58:37 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47432.D

Injection Date: 31-Mar-2022 02:21:30 Instrument ID: CVOAMS11 Operator ID:

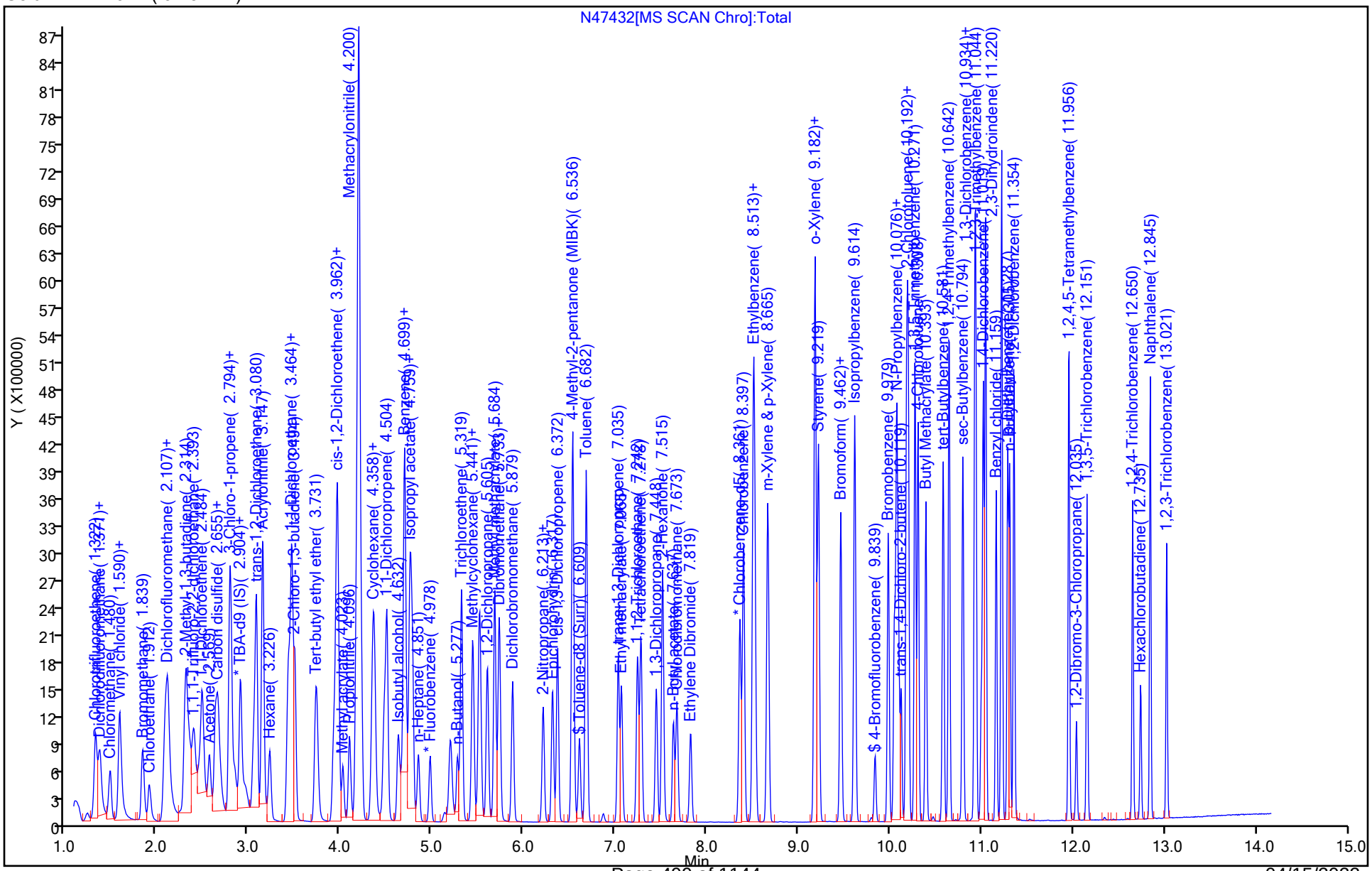
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 16

Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

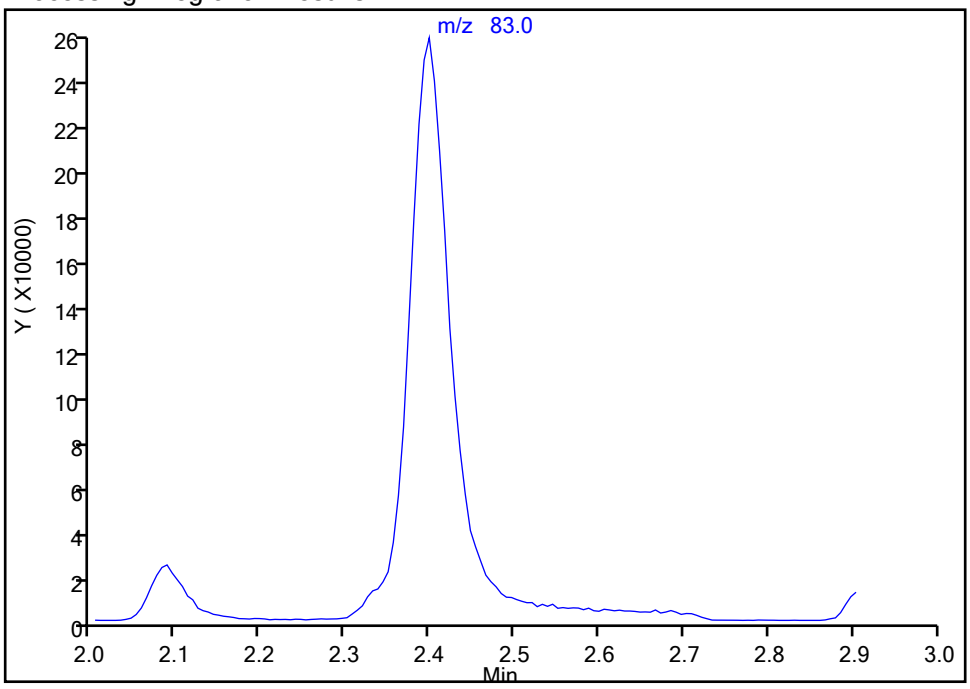
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47432.D
Injection Date: 31-Mar-2022 02:21:30 Instrument ID: CVOAMS11
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

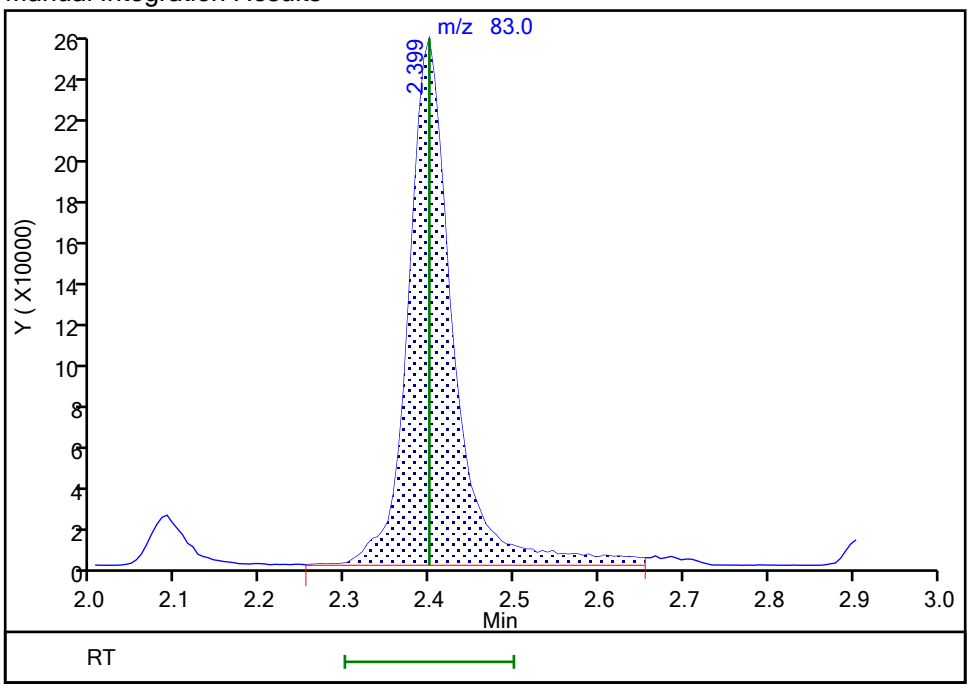
Not Detected
Expected RT: 2.40

Processing Integration Results



Manual Integration Results

RT: 2.40
Area: 949747
Amount: 187.9683
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:36:17
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

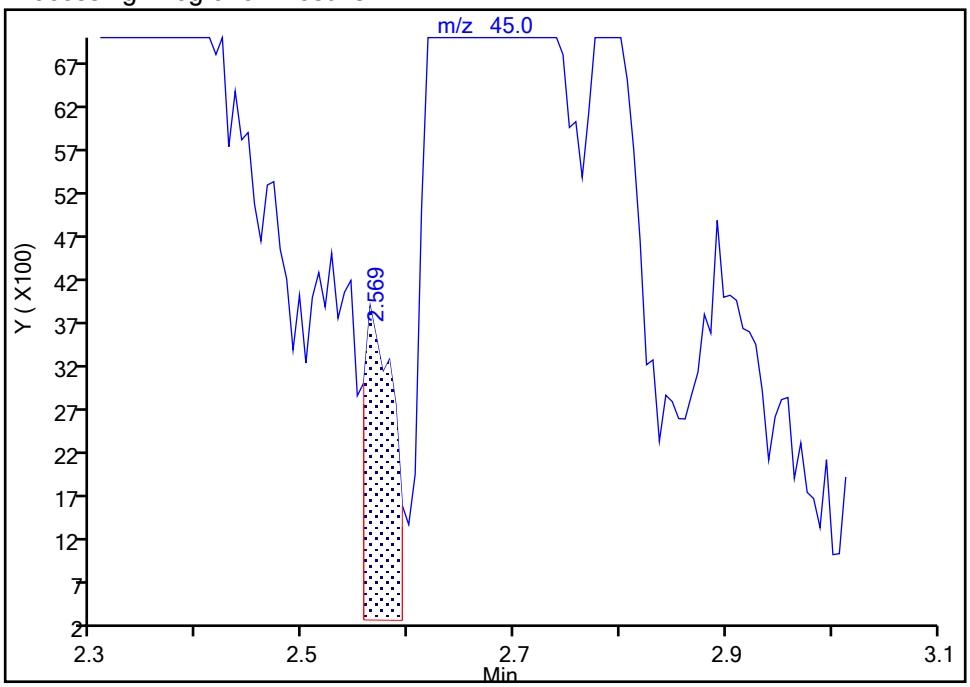
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47432.D
Injection Date: 31-Mar-2022 02:21:30 Instrument ID: CVOAMS11
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

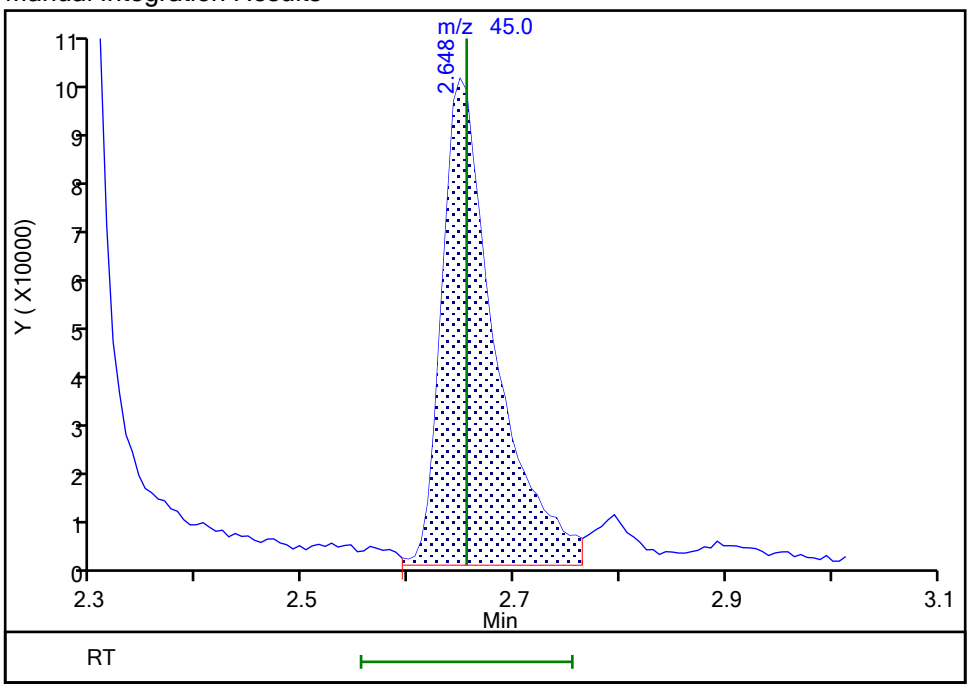
Processing Integration Results

RT: 2.57
Area: 7026
Amount: 46.173332
Amount Units: ug/l



Manual Integration Results

RT: 2.65
Area: 328225
Amount: 1834.3526
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:36:22
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

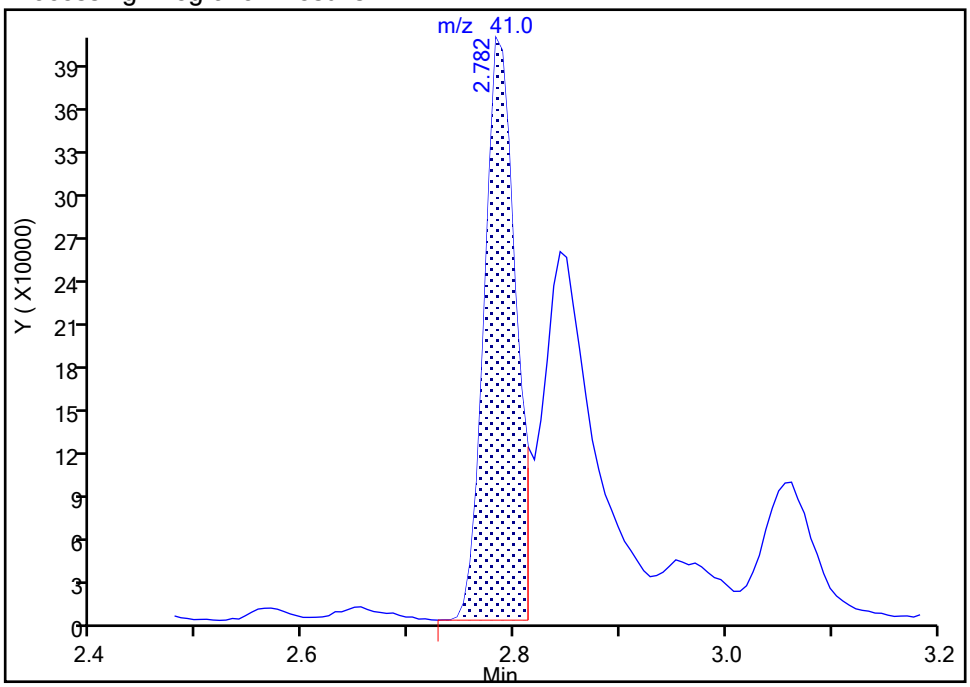
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47432.D
Injection Date: 31-Mar-2022 02:21:30 Instrument ID: CVOAMS11
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

30 Acetonitrile, CAS: 75-05-8

Signal: 1

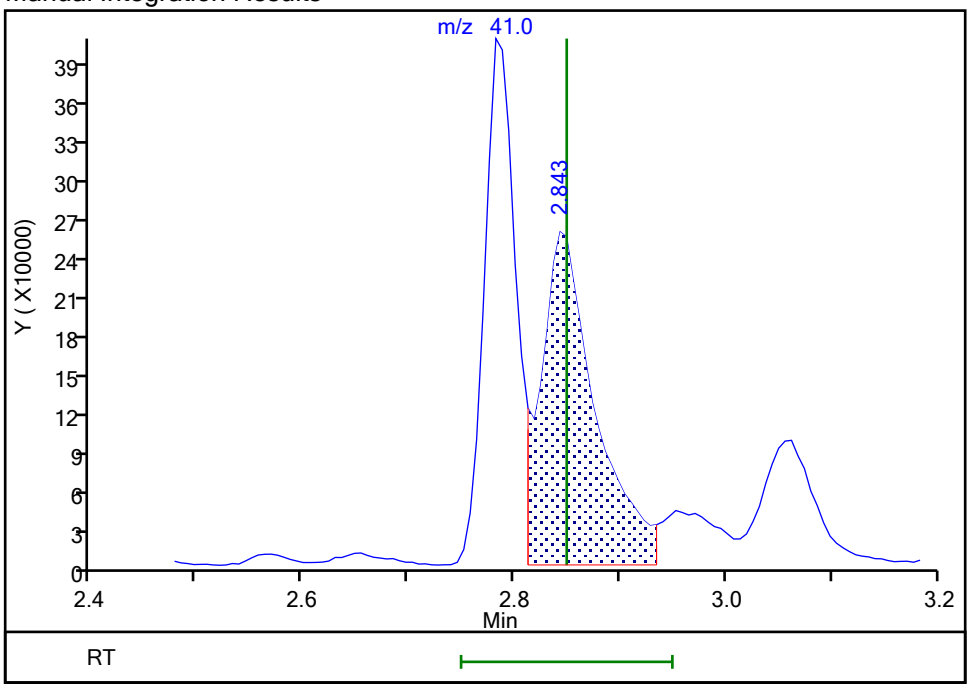
Processing Integration Results

RT: 2.78
Area: 840477
Amount: 2160.2710
Amount Units: ug/l



Manual Integration Results

RT: 2.84
Area: 931498
Amount: 2353.0560
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:36:28
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

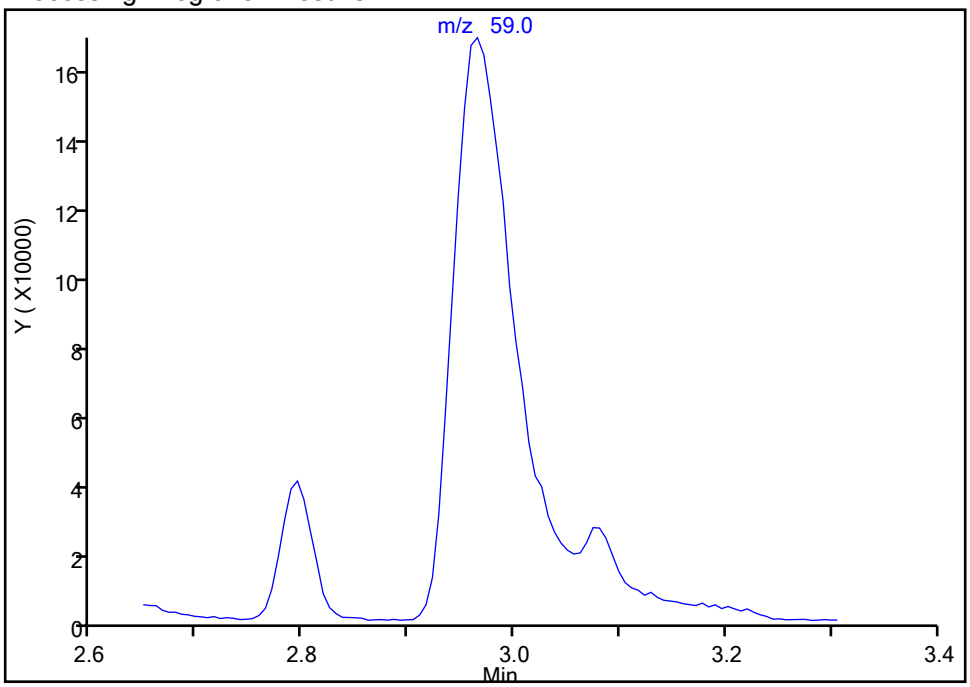
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47432.D
Injection Date: 31-Mar-2022 02:21:30 Instrument ID: CVOAMS11
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

33 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

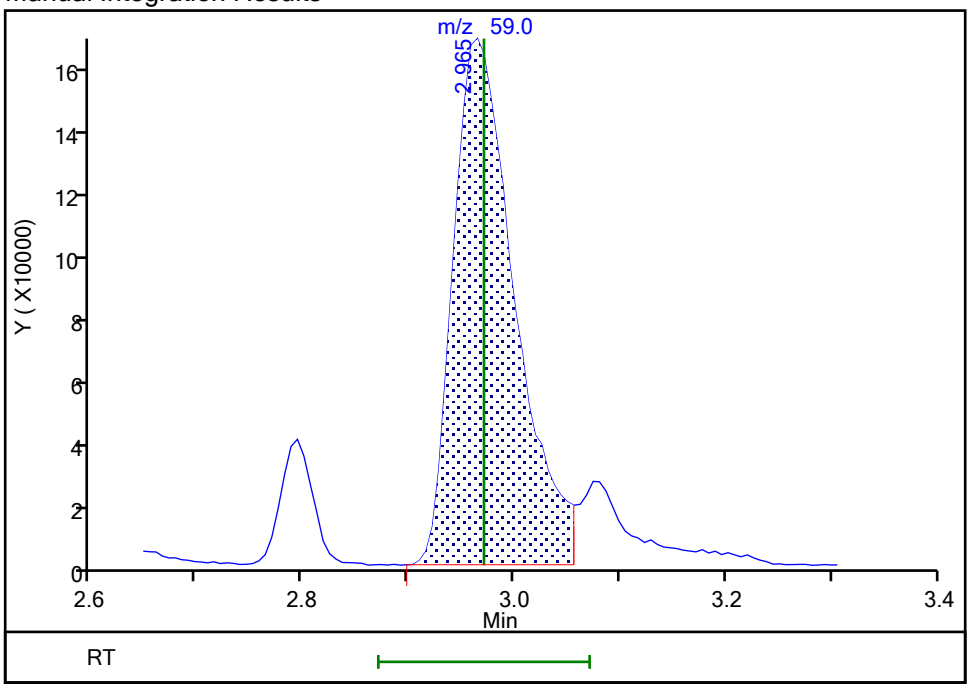
Not Detected
Expected RT: 2.97

Processing Integration Results



Manual Integration Results

RT: 2.96
Area: 674940
Amount: 1890.4913
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:36:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

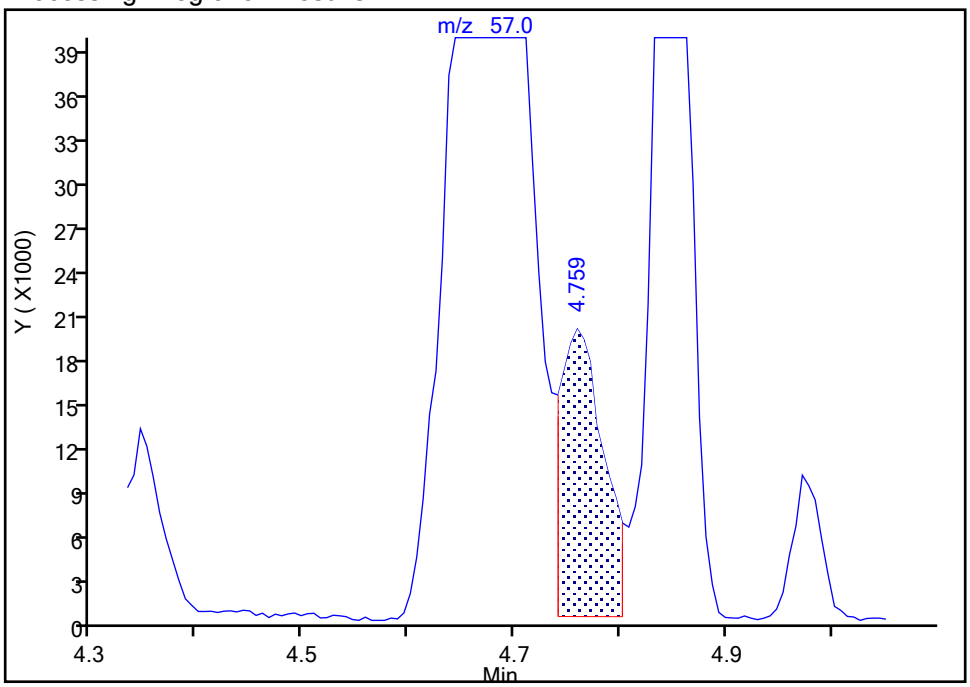
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47432.D
Injection Date: 31-Mar-2022 02:21:30 Instrument ID: CVOAMS11
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

60 Isooctane, CAS: 540-84-1

Signal: 1

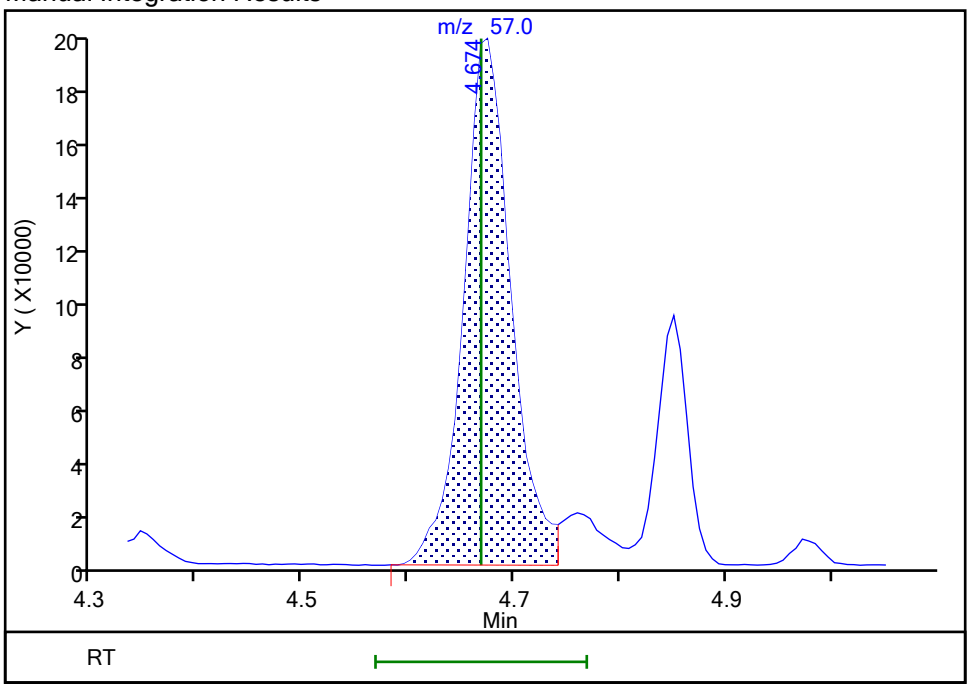
Processing Integration Results

RT: 4.76
Area: 55525
Amount: 18.994599
Amount Units: ug/l



Manual Integration Results

RT: 4.67
Area: 613313
Amount: 181.0579
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:36:46
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

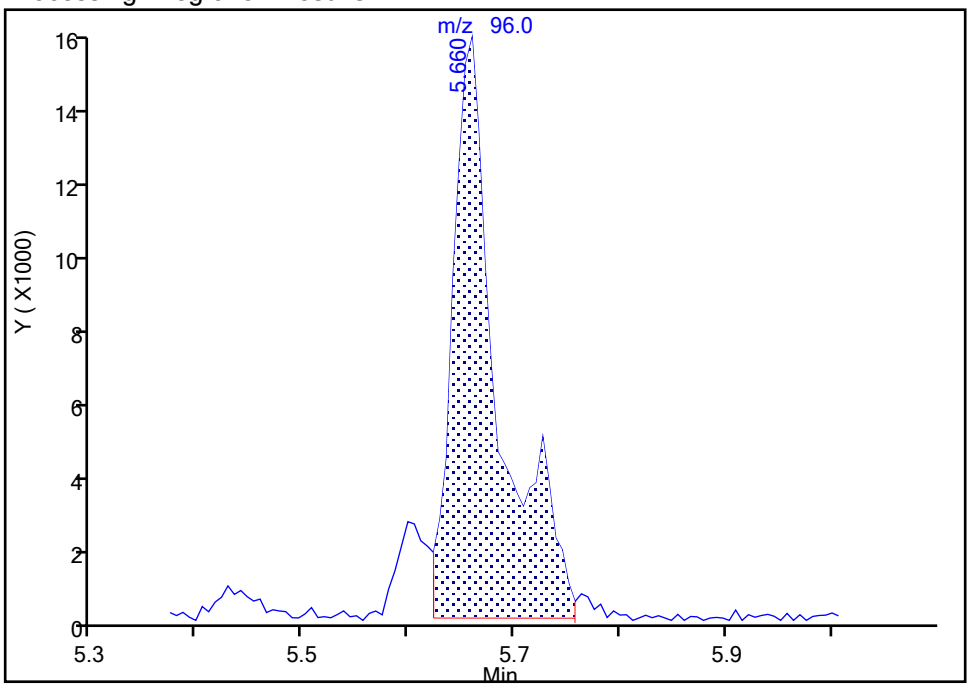
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47432.D
Injection Date: 31-Mar-2022 02:21:30 Instrument ID: CVOAMS11
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

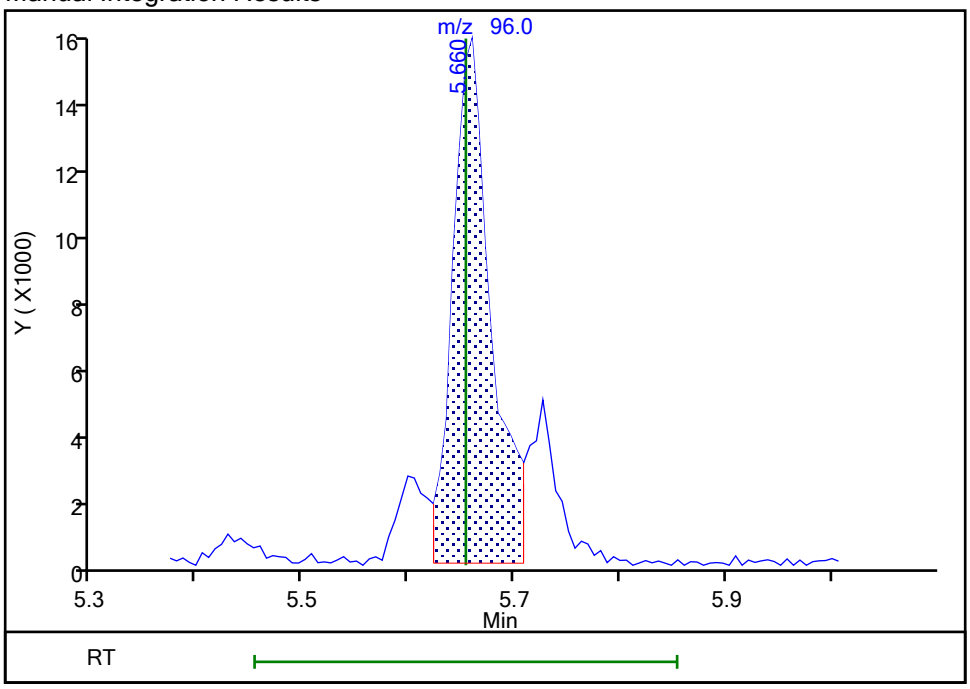
Processing Integration Results

RT: 5.66
Area: 45864
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.66
Area: 38431
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:39:32
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 31-Mar-2022 02:44:30 ALS Bottle#: 17 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0143422-009
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Mar-2022 17:58:42 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: boykink Date: 31-Mar-2022 03:55:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	1.316	1.322	-0.006	58	925311	500.0	560.4	
5 Dichlorodifluoromethane	85	1.347	1.353	-0.006	99	3003168	500.0	602.1	
6 Chlorodifluoromethane	51	1.365	1.371	-0.006	96	2178484	500.0	561.2	
7 Chloromethane	52	1.480	1.474	0.006	99	635061	500.0	577.6	
8 Vinyl chloride	62	1.578	1.584	-0.006	98	2208211	500.0	529.9	
9 Butadiene	54	1.590	1.584	0.006	93	1510208	500.0	572.1	
10 Bromomethane	94	1.833	1.833	0.000	99	1668111	500.0	517.4	
11 Chloroethane	64	1.900	1.912	-0.012	99	1137915	500.0	516.8	
12 Dichlorofluoromethane	67	2.083	2.089	-0.006	99	3386835	500.0	520.1	
13 Trichlorofluoromethane	101	2.089	2.095	-0.006	98	2979251	500.0	525.6	
14 Pentane	72	2.107	2.113	-0.006	96	384222	1000.0	983.4	
15 Ethanol	46	2.283	2.271	0.012	70	277643	20000	21325	
16 Ethyl ether	74	2.290	2.296	-0.006	91	961577	500.0	482.7	
17 2-Methyl-1,3-butadiene	53	2.302	2.314	-0.012	94	1030797	500.0	504.2	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	2.338	2.338	0.000	85	1898778	500.0	528.6	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.393	2.399	-0.006	94	2546227	500.0	538.2	a
20 Acrolein	56	2.448	2.460	-0.012	86	146243	405.6	411.1	
21 112TCTFE	101	2.460	2.478	-0.018	94	1222018	500.0	471.4	
22 1,1-Dichloroethene	96	2.484	2.490	-0.006	93	1904488	500.0	521.4	
23 Acetone	58	2.563	2.569	-0.006	88	816428	2500.0	2558.0	
24 Iodomethane	142	2.630	2.636	-0.006	96	3837079	500.0	498.3	
25 Isopropyl alcohol	45	2.642	2.655	-0.013	97	817524	5000.0	4595.5	a
26 Carbon disulfide	76	2.661	2.661	0.000	98	5970444	500.0	512.9	
27 3-Chloro-1-propene	76	2.776	2.782	-0.006	89	1471249	500.0	576.5	
28 Methyl acetate	74	2.788	2.795	-0.007	96	621608	1000.0	924.2	
29 Cyclopentene	67	2.795	2.807	-0.013	89	3588152	500.0	512.9	
30 Acetonitrile	41	2.837	2.849	-0.012	100	1848007	5000.0	4695.4	a
* 31 TBA-d9 (IS)	66	2.904	2.904	0.000	40	51263	1000.0	1000.0	
32 Methylene Chloride	84	2.904	2.904	0.000	81	2064667	500.0	489.6	
33 2-Methyl-2-propanol	59	2.965	2.971	-0.006	97	1599168	5000.0	4505.3	Ma

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Methyl tert-butyl ether	73	3.050	3.062	-0.012	95	4255911	500.0	478.3	
35 trans-1,2-Dichloroethene	96	3.074	3.080	-0.006	89	2037299	500.0	475.7	
36 Acrylonitrile	53	3.147	3.153	-0.006	94	5859490	5000.0	4589.8	
37 Hexane	56	3.220	3.227	-0.006	88	510767	500.0	472.2	
38 Isopropyl ether	45	3.427	3.433	-0.006	93	3978457	500.0	477.9	
39 1,1-Dichloroethane	63	3.458	3.458	0.000	99	2953485	500.0	492.3	
40 Vinyl acetate	86	3.470	3.470	0.000	99	846168	1000.0	1048.6	
41 2-Chloro-1,3-butadiene	88	3.494	3.500	-0.006	86	1777016	500.0	521.3	
42 Tert-butyl ethyl ether	59	3.731	3.738	-0.007	91	3852278	500.0	467.5	
* 43 2-Butanone-d5	46	3.914	3.914	0.000	87	276108	250.0	250.0	
44 2,2-Dichloropropane	79	3.932	3.932	0.000	92	704829	500.0	447.0	
45 cis-1,2-Dichloroethene	96	3.950	3.957	-0.007	99	2236038	500.0	484.5	
46 2-Butanone (MEK)	72	3.969	3.969	0.000	98	1148966	2500.0	2423.4	
47 Ethyl acetate	70	3.975	3.975	0.000	97	398398	1000.0	964.6	
48 Methyl acrylate	55	4.023	4.023	0.000	99	1385327	500.0	528.6	
49 Propionitrile	54	4.096	4.096	0.000	98	2367881	5000.0	4763.5	
50 Tetrahydrofuran	72	4.163	4.176	-0.013	86	491980	1000.0	969.7	
51 Chlorobromomethane	128	4.169	4.176	-0.007	73	1256706	500.0	468.7	
52 Methacrylonitrile	67	4.200	4.194	0.006	87	7616070	5000.0	5155.8	
53 Chloroform	83	4.224	4.224	0.000	99	3241545	500.0	483.1	
54 Cyclohexane	84	4.346	4.346	0.000	82	1900197	500.0	478.2	
55 1,1,1-Trichloroethane	97	4.358	4.364	-0.006	97	2615557	500.0	465.0	
$ 56 Dibromofluoromethane (Surr)	113	4.376	4.376	0.000	96	195747	50.0	49.6	
57 Carbon tetrachloride	117	4.474	4.480	-0.006	97	2511973	500.0	506.8	
58 1,1-Dichloropropene	75	4.504	4.504	0.000	97	2391084	500.0	511.1	
59 Isobutyl alcohol	43	4.632	4.632	0.000	95	1660439	12500	11251	
60 Isooctane	57	4.674	4.668	0.006	94	1424026	500.0	449.0	a
61 Benzene	78	4.693	4.699	-0.006	94	7290273	500.0	489.5	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.711	4.711	0.000	44	195551	50.0	53.8	
64 Isopropyl acetate	43	4.753	4.760	-0.007	95	3675812	500.0	505.1	
63 Tert-amyl methyl ether	73	4.760	4.766	-0.006	90	4488533	500.0	465.3	
65 1,2-Dichloroethane	62	4.784	4.784	0.000	97	2280011	500.0	481.5	
66 n-Heptane	57	4.845	4.851	-0.006	84	474334	500.0	525.9	
* 67 Fluorobenzene	96	4.979	4.979	-0.001	100	662404	50.0	50.0	
68 n-Butanol	56	5.277	5.277	0.000	84	1178306	12500	12484	
69 Trichloroethene	95	5.319	5.319	0.000	95	1972277	500.0	497.9	
71 Methylcyclohexane	83	5.441	5.441	0.000	68	1573099	500.0	477.9	
70 Ethyl acrylate	99	5.441	5.447	-0.006	97	276059	500.0	512.3	
72 1,2-Dichloropropane	63	5.605	5.599	0.006	91	1641085	500.0	506.8	
* 73 1,4-Dioxane-d8	96	5.654	5.654	0.000	61	34764	1000.0	1000.0	
74 Methyl methacrylate	100	5.684	5.684	0.000	79	1175124	1000.0	1093.9	
75 1,4-Dioxane	88	5.709	5.709	0.000	82	469043	10000	10915	
76 Dibromomethane	93	5.727	5.727	0.000	98	1292652	500.0	489.8	
77 n-Propyl acetate	43	5.739	5.739	0.000	96	1970513	500.0	504.3	
78 Dichlorobromomethane	83	5.879	5.879	0.000	98	2527509	500.0	518.4	
79 2-Nitropropane	41	6.207	6.214	-0.007	89	837984	1000.0	1054.3	
80 2-Chloroethyl vinyl ether	63	6.213	6.214	-0.001	84	880464	501.2	580.8	
81 Epichlorohydrin	57	6.317	6.311	0.006	99	3365413	10000	10850	
82 cis-1,3-Dichloropropene	75	6.372	6.366	0.006	88	3056479	500.0	534.5	
83 4-Methyl-2-pentanone (MIBK)	43	6.536	6.536	0.000	93	7032742	2500.0	2732.5	
$ 84 Toluene-d8 (Surr)	98	6.609	6.609	0.000	98	728616	50.0	52.6	
85 Toluene	91	6.682	6.682	0.000	93	8146007	500.0	512.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	7.035	7.035	0.000	94	2787331	500.0	546.6	
87 Ethyl methacrylate	69	7.065	7.065	0.000	85	2245276	500.0	560.5	
88 1,1,2-Trichloroethane	83	7.242	7.242	0.000	95	1438779	500.0	500.5	
89 Tetrachloroethene	166	7.278	7.278	0.000	94	1827463	500.0	497.5	
90 1,3-Dichloropropane	76	7.448	7.449	0.000	89	2768140	500.0	521.0	
91 2-Hexanone	58	7.515	7.515	0.000	92	3040845	2500.0	2646.2	
92 n-Butyl acetate	43	7.631	7.637	-0.006	97	2071588	500.0	543.1	
93 Chlorodibromomethane	129	7.674	7.674	0.000	97	2187439	500.0	527.7	
94 Ethylene Dibromide	107	7.820	7.820	0.000	98	1992360	500.0	518.0	
* 95 Chlorobenzene-d5	117	8.367	8.367	0.000	79	557009	50.0	50.0	
96 Chlorobenzene	112	8.404	8.398	0.006	99	5706056	500.0	516.5	
97 Ethylbenzene	106	8.507	8.507	0.000	97	2869589	500.0	535.7	
98 1,1,1,2-Tetrachloroethane	131	8.525	8.525	0.000	97	2236060	500.0	513.4	
99 m-Xylene & p-Xylene	106	8.665	8.665	0.000	97	3454768	500.0	545.0	
100 o-Xylene	106	9.182	9.182	0.000	95	3590822	500.0	541.2	
101 n-Butyl acrylate	73	9.182	9.182	0.000	64	1447568	500.0	586.0	
102 Styrene	104	9.219	9.219	0.000	98	6090827	500.0	533.9	
104 Bromoform	173	9.462	9.462	0.000	95	1378801	500.0	537.5	
103 Amyl acetate (mixed isomers)	43	9.462	9.462	0.000	92	2491686	500.0	565.0	
105 Isopropylbenzene	105	9.614	9.614	0.000	94	8066149	500.0	538.8	
$ 106 4-Bromofluorobenzene	174	9.839	9.839	0.000	90	210780	50.0	52.2	
107 Bromobenzene	156	9.985	9.979	0.006	93	2341192	500.0	510.1	
108 1,1,2,2-Tetrachloroethane	83	10.046	10.046	0.000	98	2457757	500.0	518.9	
109 N-Propylbenzene	91	10.077	10.071	0.006	100	8060744	500.0	551.2	
110 1,2,3-Trichloropropane	110	10.095	10.095	0.000	96	769632	500.0	505.9	
111 trans-1,4-Dichloro-2-butene	53	10.119	10.119	0.000	92	558843	500.0	611.9	
112 2-Chlorotoluene	91	10.186	10.180	0.006	97	6390645	500.0	542.4	
113 4-Ethyltoluene	105	10.198	10.198	0.000	98	7500187	500.0	560.0	
114 1,3,5-Trimethylbenzene	105	10.271	10.271	0.000	93	6423375	500.0	572.4	
115 4-Chlorotoluene	91	10.308	10.308	0.000	95	5900818	500.0	536.3	
116 Butyl Methacrylate	87	10.393	10.393	0.000	83	2692325	500.0	499.5	
117 tert-Butylbenzene	119	10.581	10.582	-0.001	96	4946295	500.0	578.6	
118 1,2,4-Trimethylbenzene	105	10.648	10.642	0.006	96	6826850	500.0	568.4	
119 sec-Butylbenzene	105	10.794	10.794	0.000	99	6531780	500.0	563.4	
120 1,3-Dichlorobenzene	146	10.928	10.928	0.000	97	4042032	500.0	506.2	
121 4-Isopropyltoluene	119	10.940	10.934	0.006	98	5852006	500.0	577.2	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	92	303971	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.020	11.020	0.000	96	4234579	500.0	502.1	
124 1,2,3-Trimethylbenzene	105	11.044	11.044	0.000	97	8077458	500.0	567.8	
125 Benzyl chloride	126	11.159	11.159	0.000	100	1251167	500.0	598.3	
126 2,3-Dihydroindene	117	11.220	11.220	0.000	94	8402922	500.0	564.3	
127 p-Diethylbenzene	119	11.287	11.287	0.000	94	2978375	500.0	547.6	
128 n-Butylbenzene	92	11.305	11.305	0.000	96	2451222	500.0	525.8	
129 1,2-Dichlorobenzene	146	11.354	11.354	0.000	97	4324940	500.0	514.8	
130 1,2,4,5-Tetramethylbenzene	119	11.956	11.956	0.000	97	5985370	500.0	606.0	
131 1,2-Dibromo-3-Chloropropane	157	12.035	12.036	-0.001	92	666207	500.0	527.7	
132 1,3,5-Trichlorobenzene	180	12.151	12.151	0.000	98	2075384	500.0	505.9	
133 1,2,4-Trichlorobenzene	180	12.650	12.650	0.000	94	1973314	500.0	514.7	
134 Hexachlorobutadiene	225	12.741	12.741	0.000	91	503300	500.0	493.5	
135 Naphthalene	128	12.845	12.845	0.000	99	7431832	500.0	565.7	
136 1,2,3-Trichlorobenzene	180	13.021	13.021	0.000	96	1652000	500.0	517.5	
S 137 1,2-Dichloroethene, Total	100				0		1000.0	960.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		1000.0	1086.3	
S 139 Total BTEX	1				0		2500.0	2623.5	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GAS Hi_00411	Amount Added: 50.00	Units: uL		
MIX 2 Hi_00121	Amount Added: 50.00	Units: uL		
MIX I Hi_00148	Amount Added: 50.00	Units: uL		
Ethanol mix_00062	Amount Added: 50.00	Units: uL		
ACROLEIN W_00138	Amount Added: 40.00	Units: uL		
8FreonHi_00042	Amount Added: 50.00	Units: uL		
8260ISNEW_00120	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00226	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 31-Mar-2022 17:58:44 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Injection Date: 31-Mar-2022 02:44:30 Instrument ID: CVOAMS11 Operator ID:

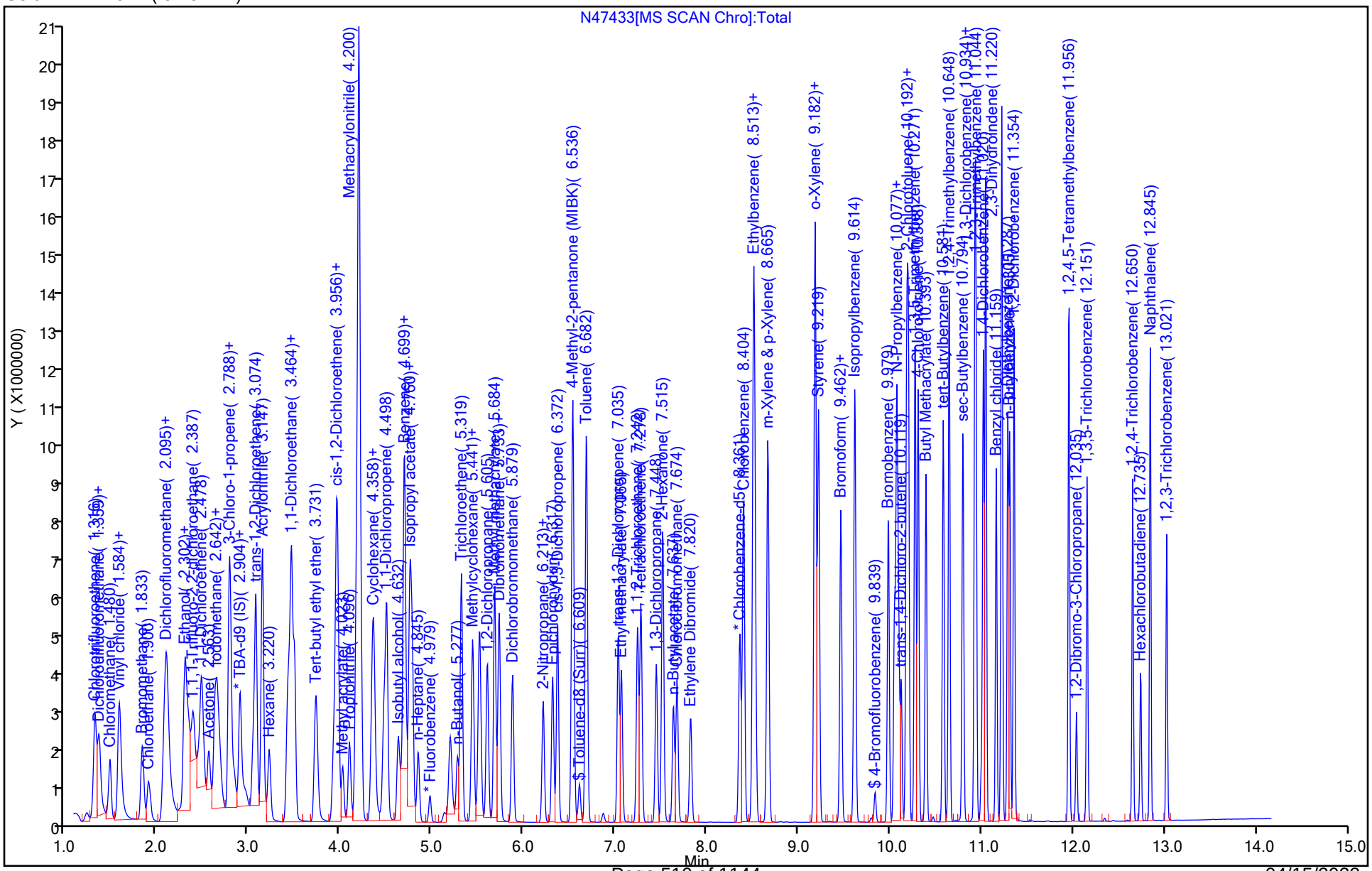
Lims ID: STD500 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 17

Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

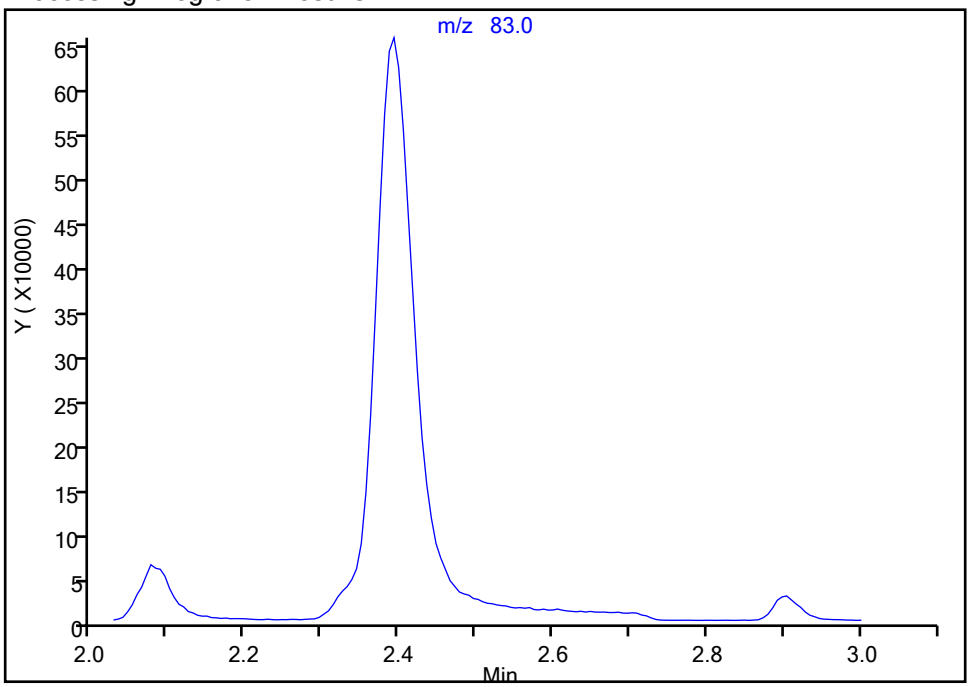
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D
Injection Date: 31-Mar-2022 02:44:30 Instrument ID: CVOAMS11
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

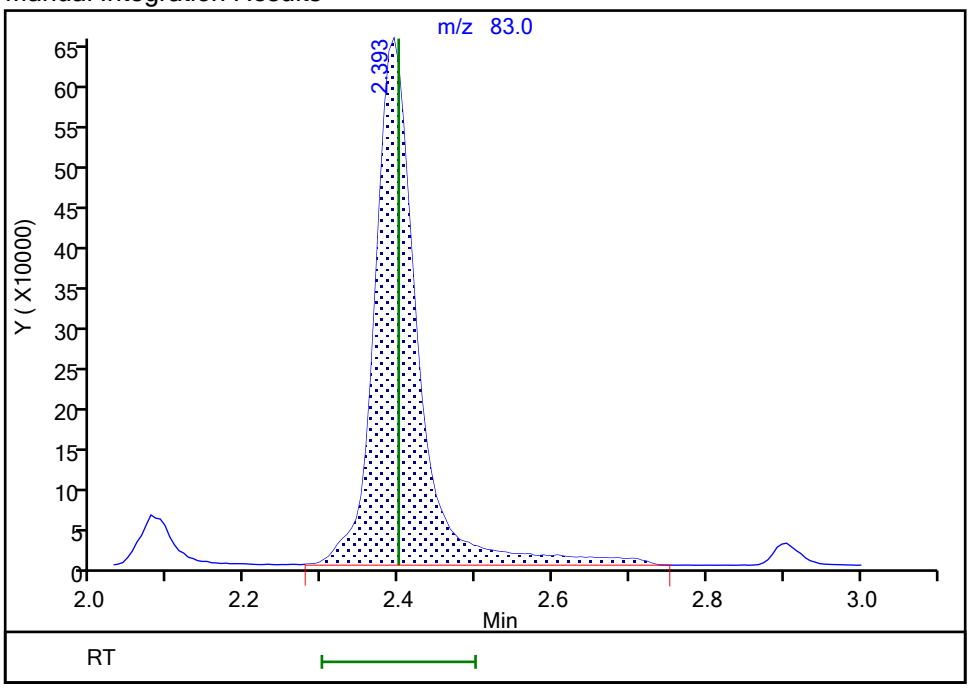
Not Detected
Expected RT: 2.40

Processing Integration Results



Manual Integration Results

RT: 2.39
Area: 2546227
Amount: 538.2456
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:37:51
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

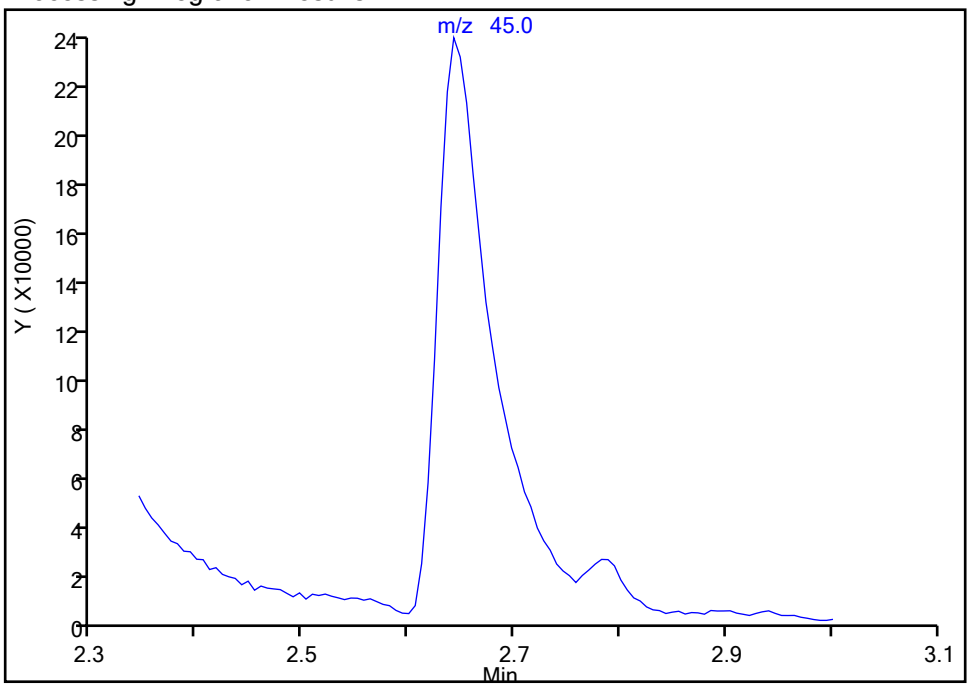
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D
Injection Date: 31-Mar-2022 02:44:30 Instrument ID: CVOAMS11
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

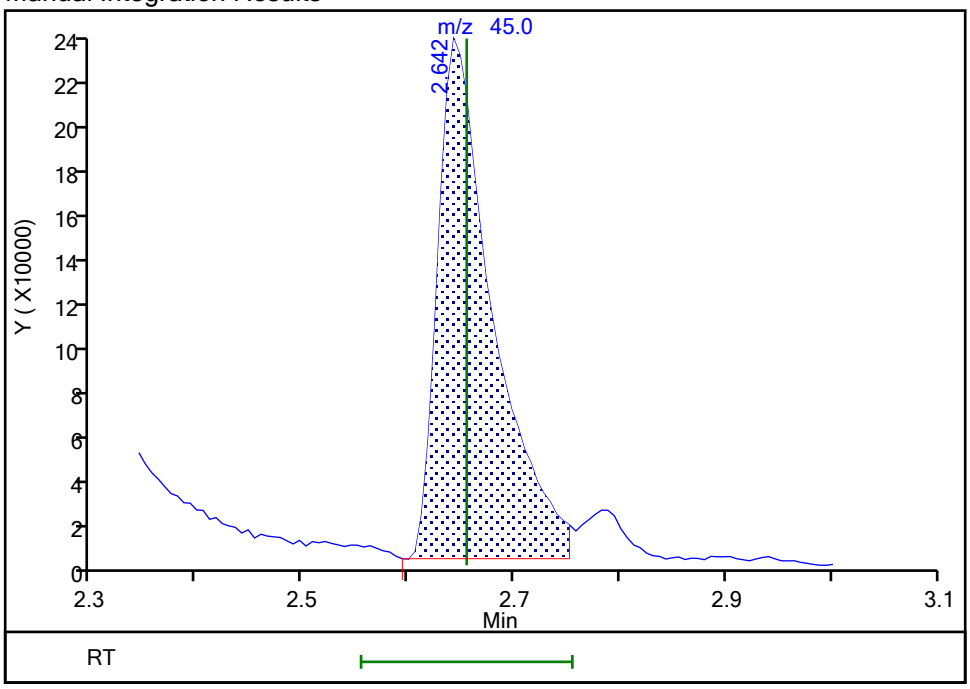
Not Detected
Expected RT: 2.65

Processing Integration Results



Manual Integration Results

RT: 2.64
Area: 817524
Amount: 4595.4599
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:37:58
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

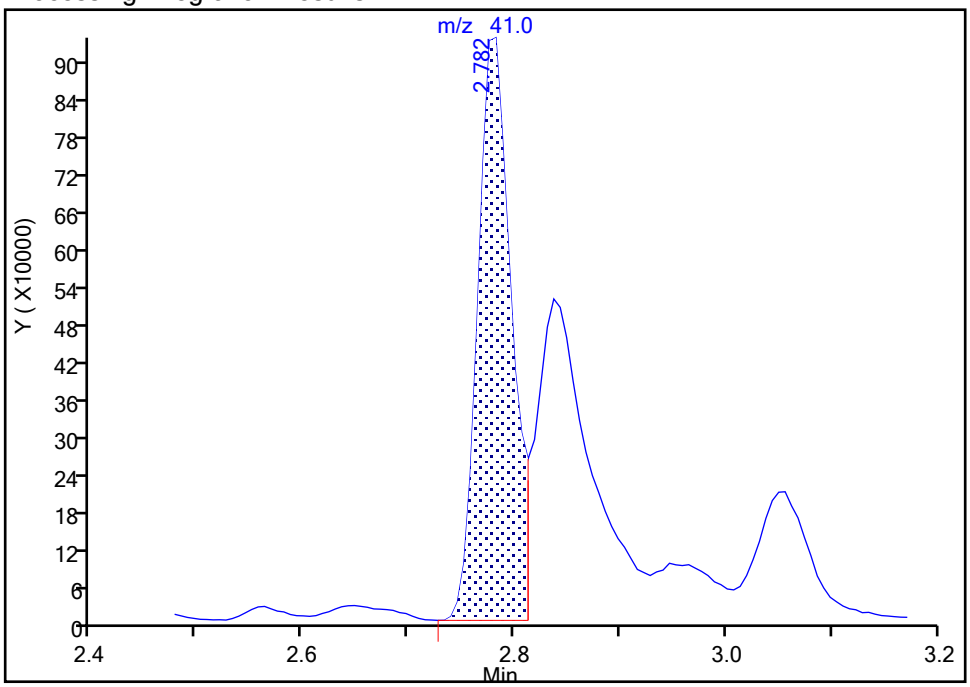
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D
Injection Date: 31-Mar-2022 02:44:30 Instrument ID: CVOAMS11
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

30 Acetonitrile, CAS: 75-05-8

Signal: 1

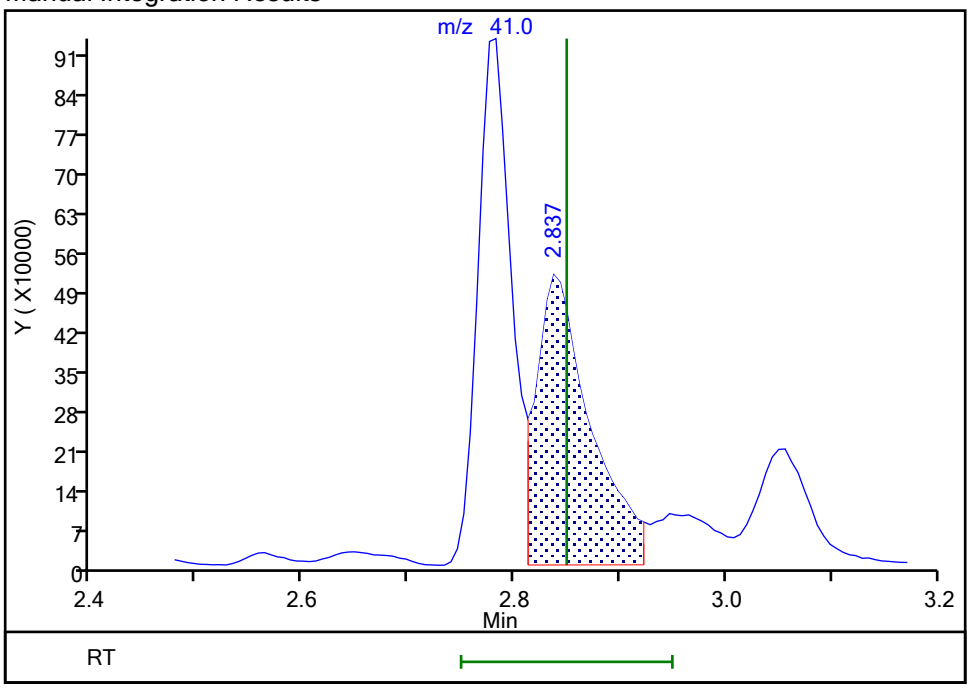
Processing Integration Results

RT: 2.78
Area: 2083817
Amount: 5190.8590
Amount Units: ug/l



Manual Integration Results

RT: 2.84
Area: 1848007
Amount: 4695.3856
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:38:02
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

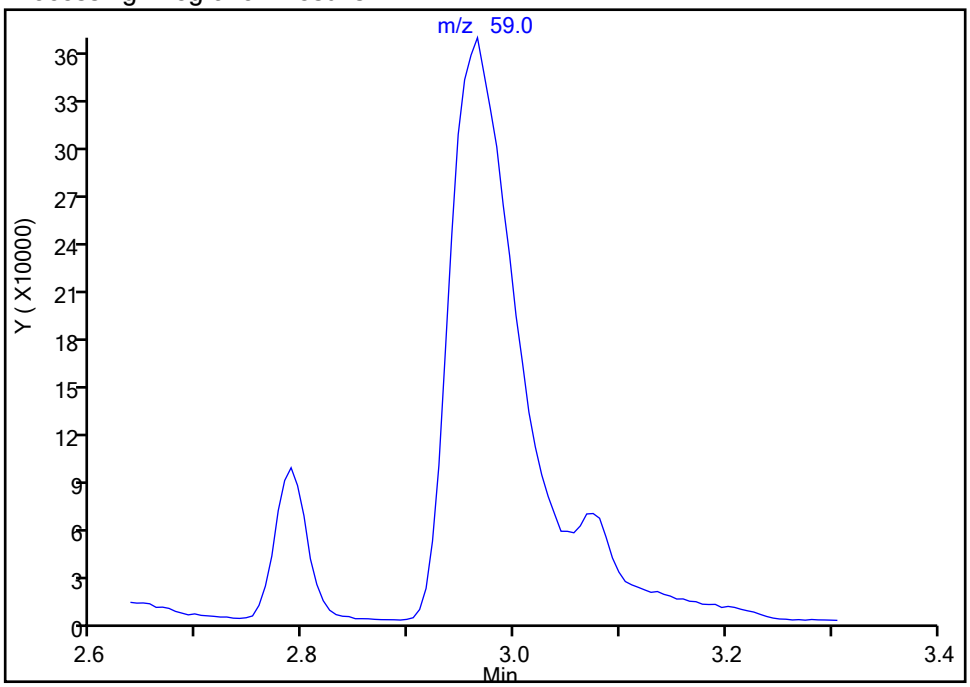
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D
Injection Date: 31-Mar-2022 02:44:30 Instrument ID: CVOAMS11
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

33 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

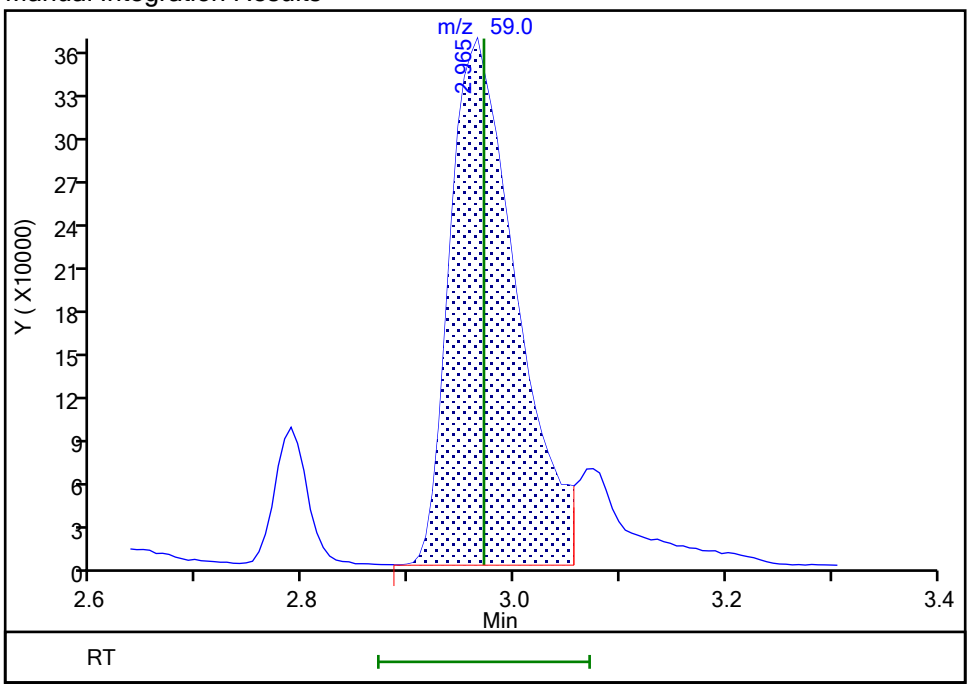
Not Detected
Expected RT: 2.97

Processing Integration Results



Manual Integration Results

RT: 2.96
Area: 1599168
Amount: 4505.2710
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:38:39
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

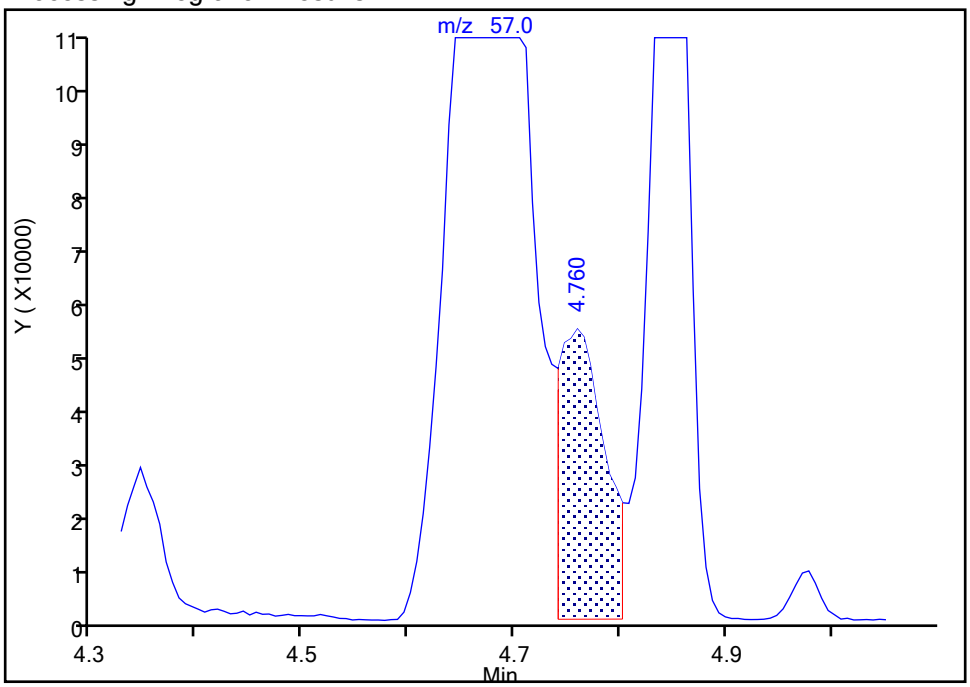
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D
Injection Date: 31-Mar-2022 02:44:30 Instrument ID: CVOAMS11
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

60 Isooctane, CAS: 540-84-1

Signal: 1

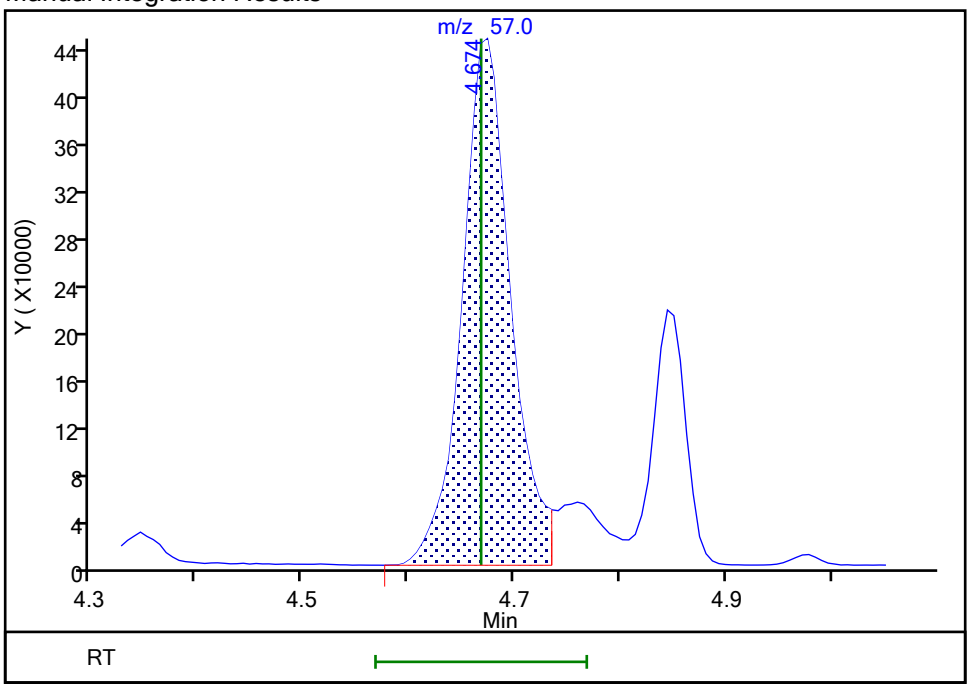
Processing Integration Results

RT: 4.76
Area: 161226
Amount: 58.616587
Amount Units: ug/l



Manual Integration Results

RT: 4.67
Area: 1424026
Amount: 449.0139
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 17:38:24
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

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

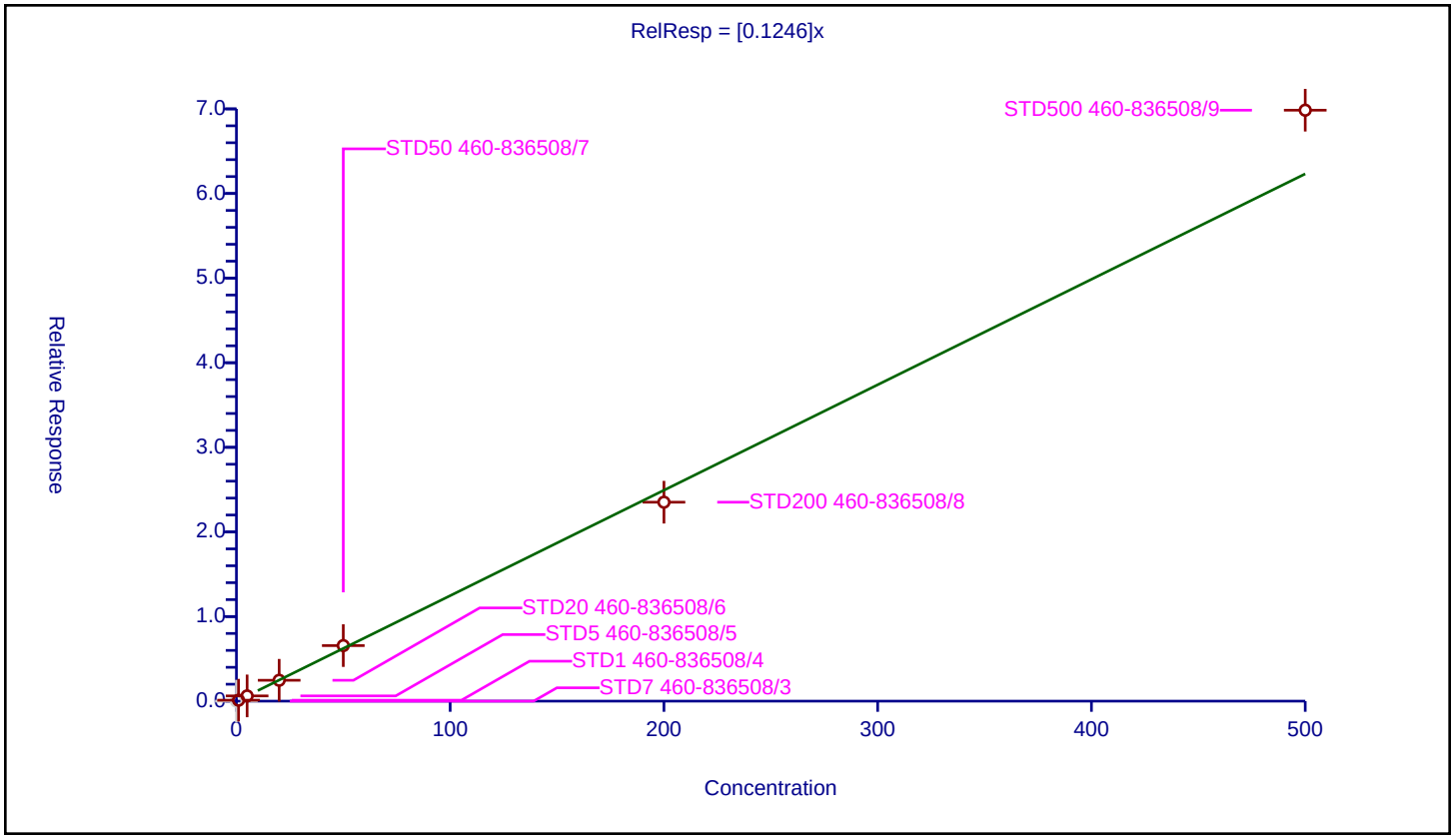
Curve Coefficients

Intercept:	0
Slope:	0.1246

Error Coefficients

Standard Error:	441000
Relative Standard Error:	7.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.112216	50.0	568102.0	0.112216	Y
3	STD5 460-836508/5	5.0	0.618519	50.0	598607.0	0.123704	Y
4	STD20 460-836508/6	20.0	2.466913	50.0	580888.0	0.123346	Y
5	STD50 460-836508/7	50.0	6.565603	50.0	578218.0	0.131312	Y
6	STD200 460-836508/8	200.0	23.51524	50.0	707505.0	0.117576	Y
7	STD500 460-836508/9	500.0	69.844913	50.0	662404.0	0.13969	Y



Calibration / Dichlorodifluoromethane

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

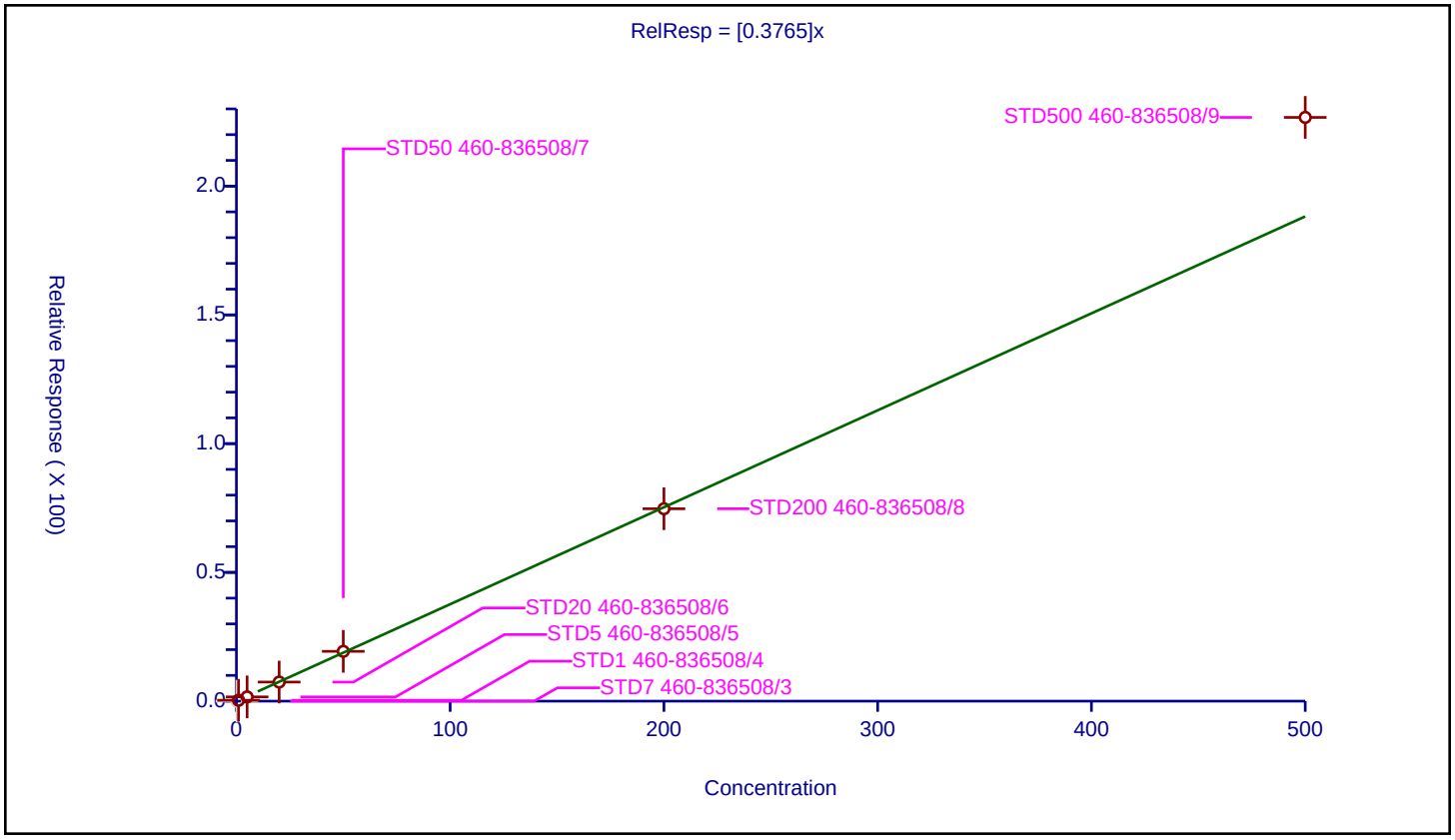
Curve Coefficients

Intercept:	0
Slope:	0.3765

Error Coefficients

Standard Error:	1430000
Relative Standard Error:	11.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.25	0.0	50.0	538186.0	0.0	N
2	STD1 460-836508/4	1.0	0.345361	50.0	568102.0	0.345361	Y
3	STD5 460-836508/5	5.0	1.64674	50.0	598607.0	0.329348	Y
4	STD20 460-836508/6	20.0	7.409346	50.0	580888.0	0.370467	Y
5	STD50 460-836508/7	50.0	19.33596	50.0	578218.0	0.386719	Y
6	STD200 460-836508/8	200.0	74.713818	50.0	707505.0	0.373569	Y
7	STD500 460-836508/9	500.0	226.687037	50.0	662404.0	0.453374	Y



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

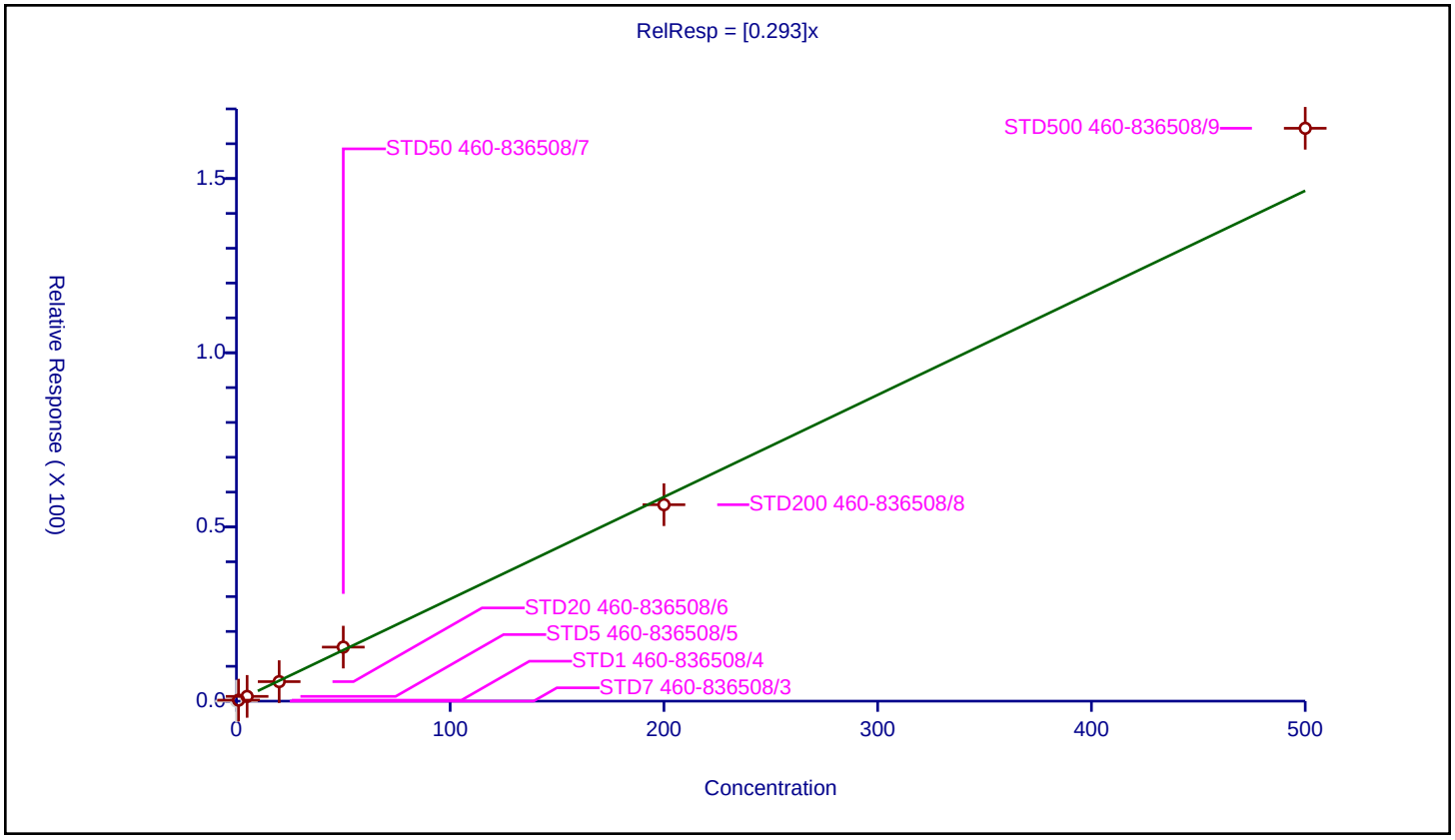
Curve Coefficients

Intercept:	0
Slope:	0.293

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.284456	50.0	568102.0	0.284456	Y
3	STD5 460-836508/5	5.0	1.363081	50.0	598607.0	0.272616	Y
4	STD20 460-836508/6	20.0	5.599358	50.0	580888.0	0.279968	Y
5	STD50 460-836508/7	50.0	15.510067	50.0	578218.0	0.310201	Y
6	STD200 460-836508/8	200.0	56.385185	50.0	707505.0	0.281926	Y
7	STD500 460-836508/9	500.0	164.437715	50.0	662404.0	0.328875	Y



Calibration / Chloromethane

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

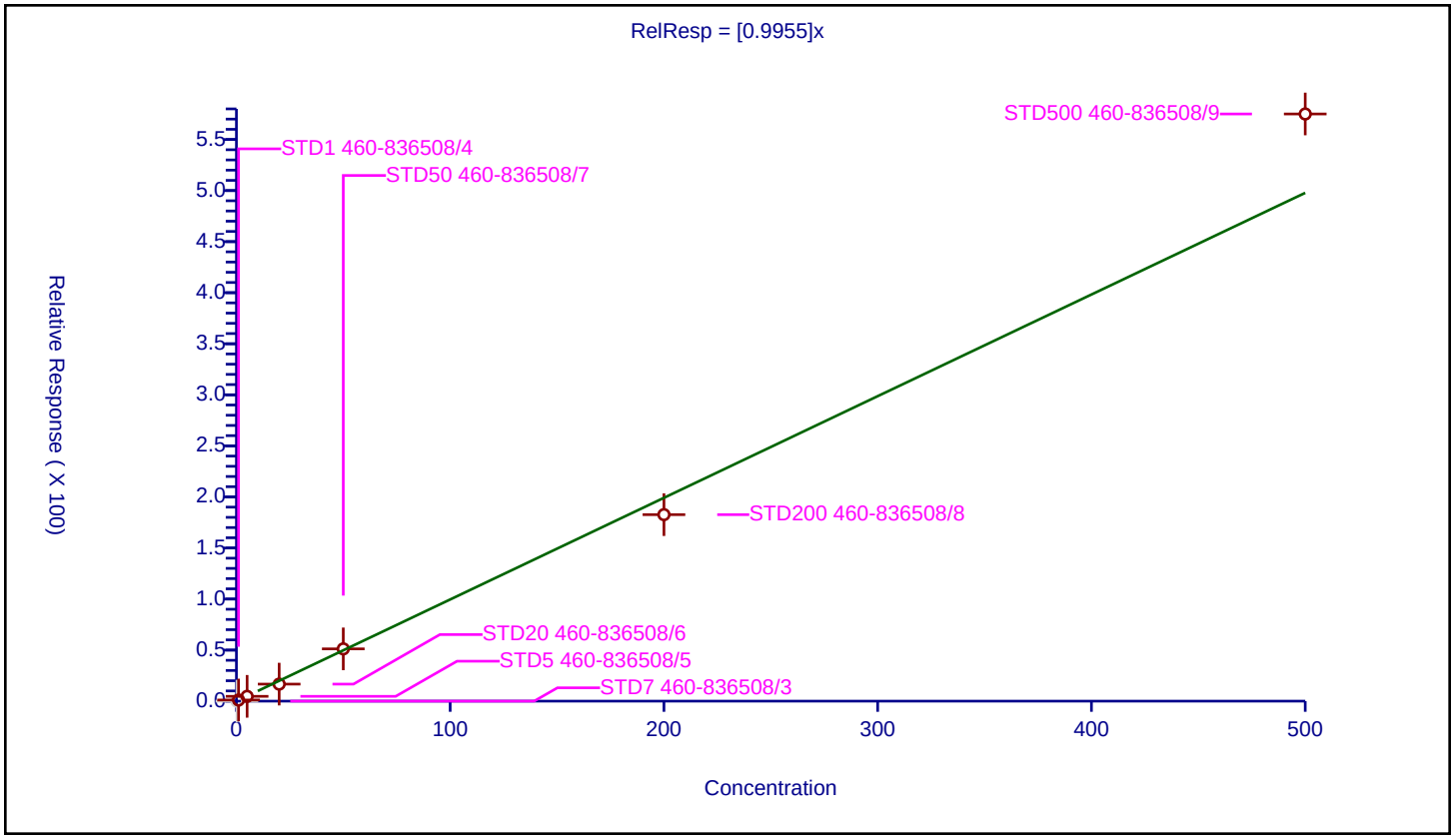
Curve Coefficients

Intercept:	0
Slope:	0.9955

Error Coefficients

Standard Error:	303000
Relative Standard Error:	12.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.25	0.0	250.0	198483.0	0.0	N
2	STD1 460-836508/4	1.0	1.109954	250.0	255416.0	1.109954	Y
3	STD5 460-836508/5	5.0	4.709675	250.0	222096.0	0.941935	Y
4	STD20 460-836508/6	20.0	16.689773	250.0	259665.0	0.834489	Y
5	STD50 460-836508/7	50.0	51.176614	250.0	221908.0	1.023532	Y
6	STD200 460-836508/8	200.0	182.658266	250.0	316635.0	0.913291	Y
7	STD500 460-836508/9	500.0	575.011409	250.0	276108.0	1.150023	Y



Calibration / Butadiene

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

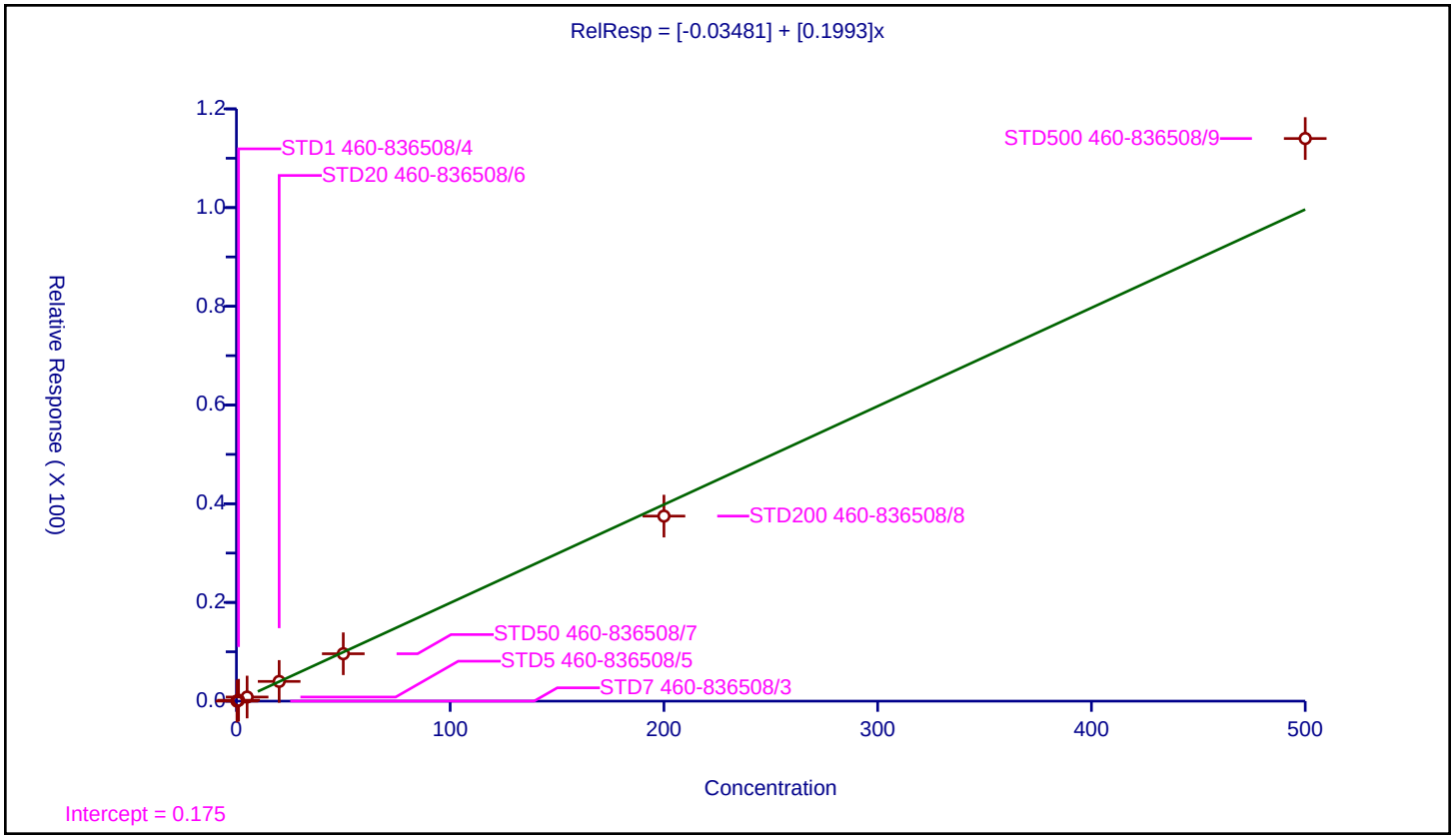
Curve Coefficients

Intercept:	-0.03481
Slope:	0.1993

Error Coefficients

Standard Error:	718000
Relative Standard Error:	9.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.25	0.0144	50.0	538186.0	0.057601	Y
2	STD1 460-836508/4	1.0	0.179457	50.0	568102.0	0.179457	Y
3	STD5 460-836508/5	5.0	0.836108	50.0	598607.0	0.167222	Y
4	STD20 460-836508/6	20.0	3.994832	50.0	580888.0	0.199742	Y
5	STD50 460-836508/7	50.0	9.603125	50.0	578218.0	0.192063	Y
6	STD200 460-836508/8	200.0	37.493163	50.0	707505.0	0.187466	Y
7	STD500 460-836508/9	500.0	113.994481	50.0	662404.0	0.227989	Y



Calibration / Vinyl chloride

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

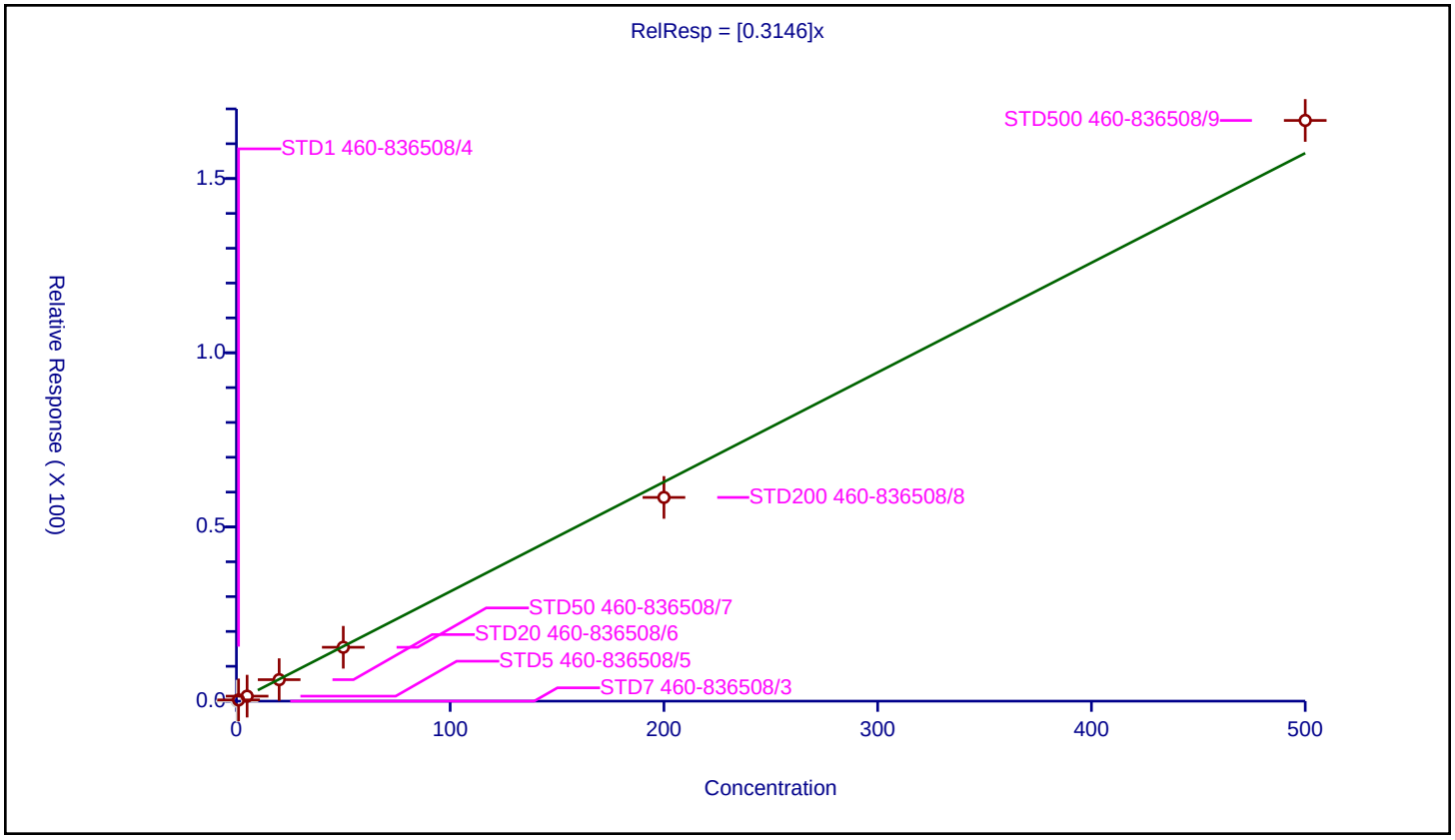
Curve Coefficients

Intercept:	0
Slope:	0.3146

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	8.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.25	0.0	50.0	538186.0	0.0	N
2	STD1 460-836508/4	1.0	0.357066	50.0	568102.0	0.357066	Y
3	STD5 460-836508/5	5.0	1.436335	50.0	598607.0	0.287267	Y
4	STD20 460-836508/6	20.0	6.163581	50.0	580888.0	0.308179	Y
5	STD50 460-836508/7	50.0	15.462853	50.0	578218.0	0.309257	Y
6	STD200 460-836508/8	200.0	58.471177	50.0	707505.0	0.292356	Y
7	STD500 460-836508/9	500.0	166.681587	50.0	662404.0	0.333363	Y



Calibration / Bromomethane

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

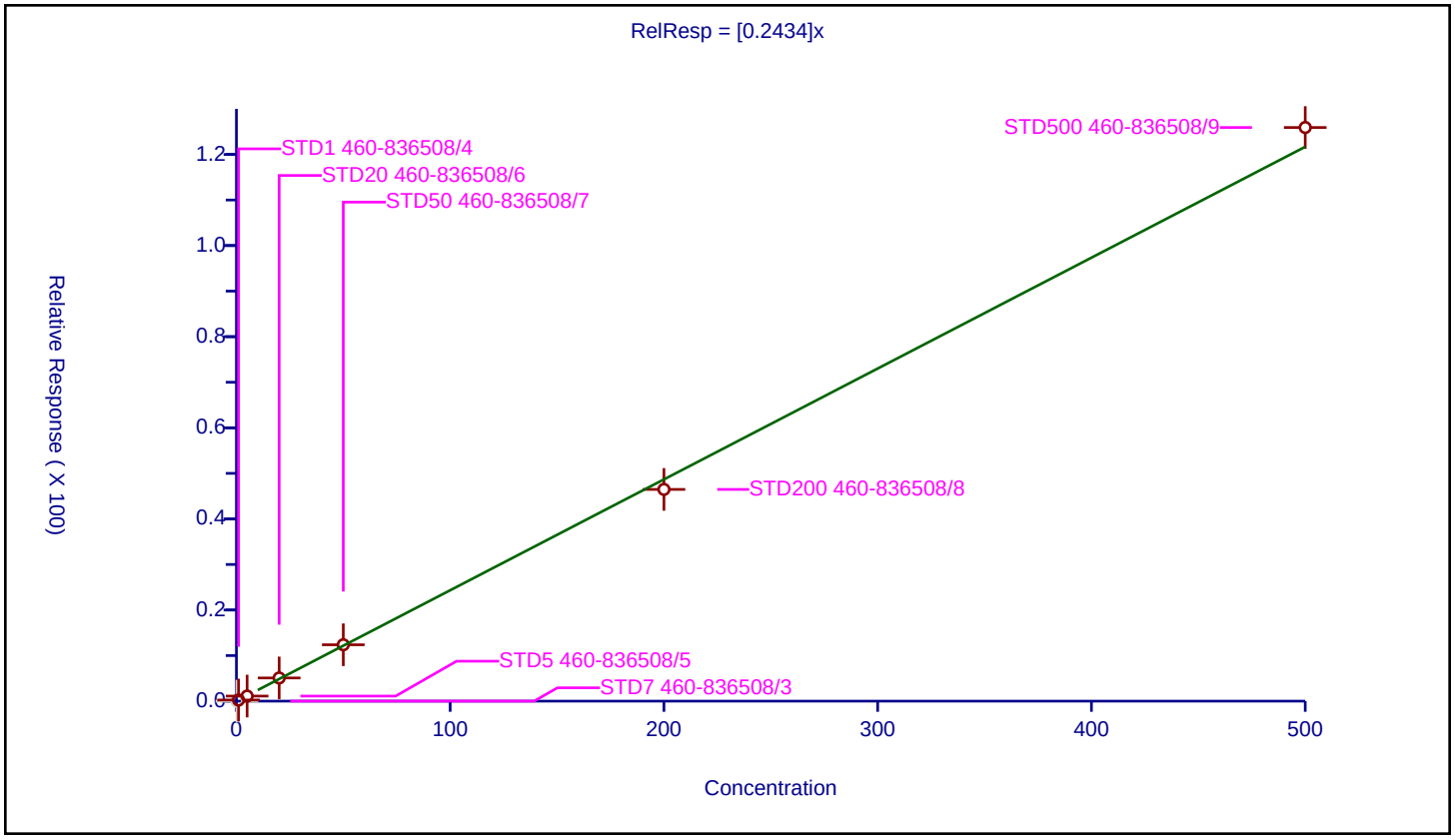
Curve Coefficients

Intercept:	0
Slope:	0.2434

Error Coefficients

Standard Error:	805000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.25	0.0	50.0	538186.0	0.0	N
2	STD1 460-836508/4	1.0	0.251099	50.0	568102.0	0.251099	Y
3	STD5 460-836508/5	5.0	1.11417	50.0	598607.0	0.222834	Y
4	STD20 460-836508/6	20.0	5.089449	50.0	580888.0	0.254472	Y
5	STD50 460-836508/7	50.0	12.37509	50.0	578218.0	0.247502	Y
6	STD200 460-836508/8	200.0	46.473877	50.0	707505.0	0.232369	Y
7	STD500 460-836508/9	500.0	125.913415	50.0	662404.0	0.251827	Y



Calibration / Chloroethane

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

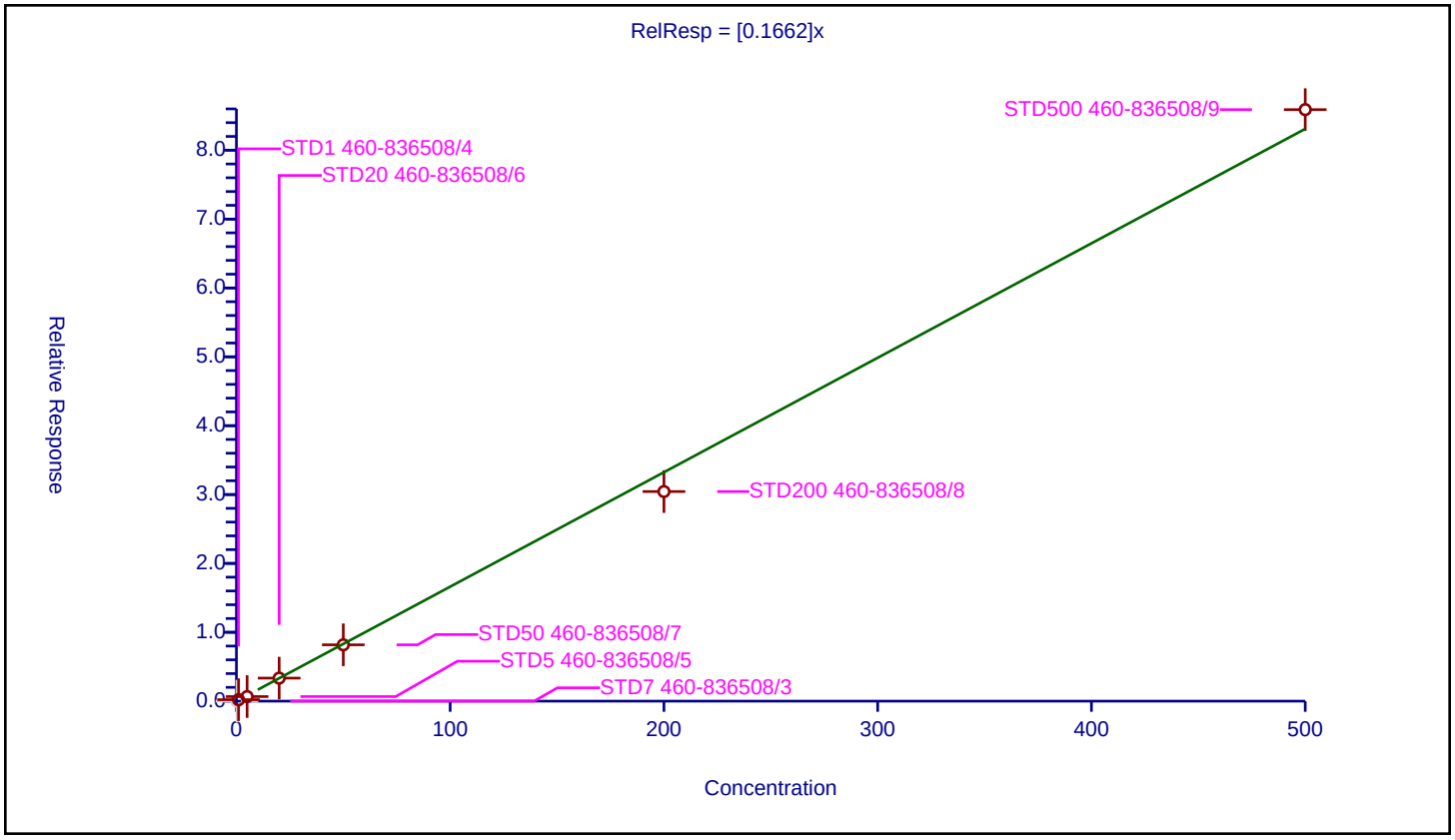
Curve Coefficients

Intercept:	0
Slope:	0.1662

Error Coefficients

Standard Error:	546000
Relative Standard Error:	15.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.25	0.0	50.0	538186.0	0.0	N
2	STD1 460-836508/4	1.0	0.209469	50.0	568102.0	0.209469	Y
3	STD5 460-836508/5	5.0	0.664793	50.0	598607.0	0.132959	Y
4	STD20 460-836508/6	20.0	3.344276	50.0	580888.0	0.167214	Y
5	STD50 460-836508/7	50.0	8.176587	50.0	578218.0	0.163532	Y
6	STD200 460-836508/8	200.0	30.434555	50.0	707505.0	0.152173	Y
7	STD500 460-836508/9	500.0	85.892824	50.0	662404.0	0.171786	Y



Calibration / Dichlorofluoromethane

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

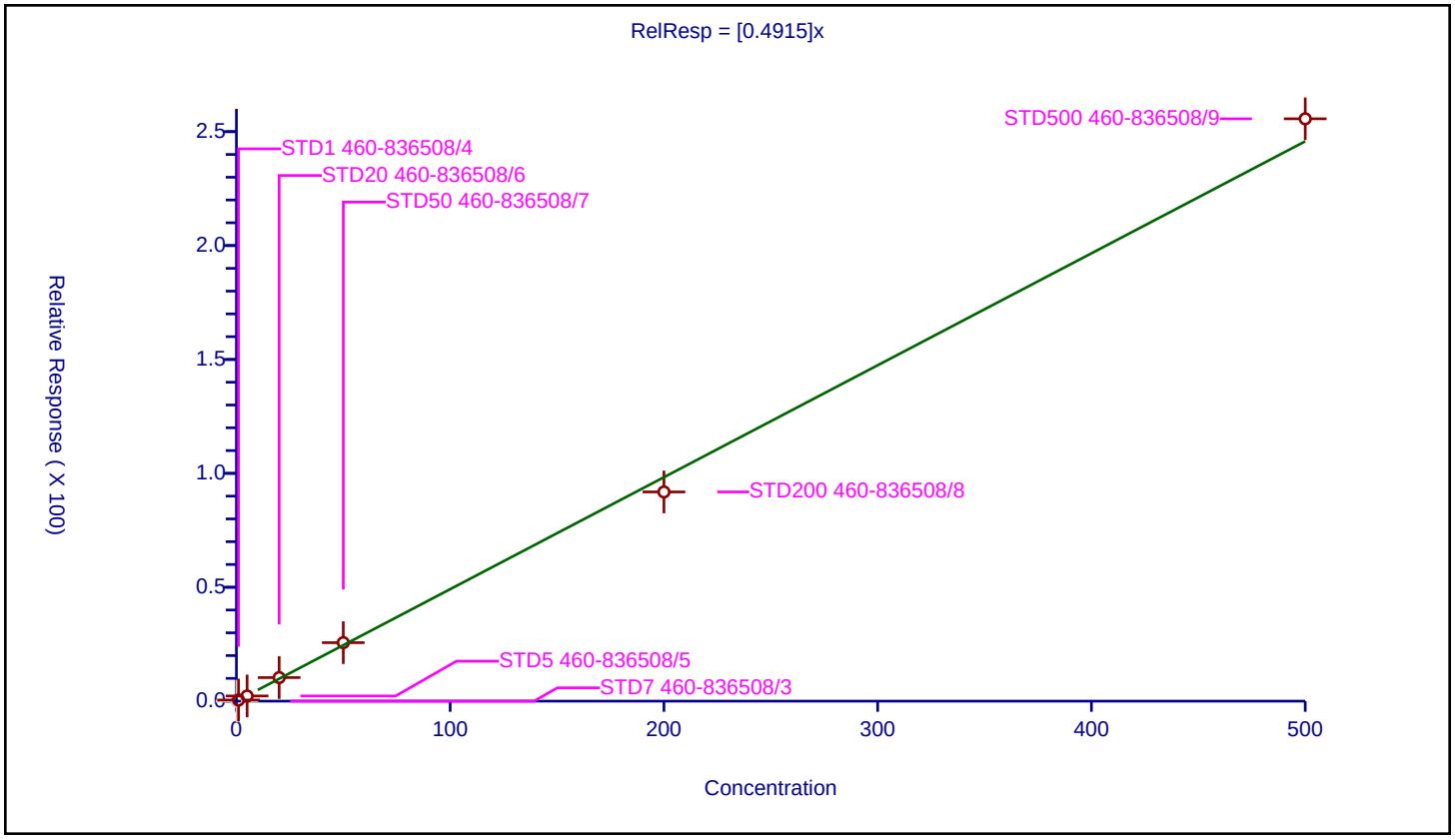
Curve Coefficients

Intercept:	0
Slope:	0.4915

Error Coefficients

Standard Error:	1630000
Relative Standard Error:	5.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.25	0.0	50.0	538186.0	0.0	N
2	STD1 460-836508/4	1.0	0.493485	50.0	568102.0	0.493485	Y
3	STD5 460-836508/5	5.0	2.272359	50.0	598607.0	0.454472	Y
4	STD20 460-836508/6	20.0	10.34115	50.0	580888.0	0.517058	Y
5	STD50 460-836508/7	50.0	25.673016	50.0	578218.0	0.51346	Y
6	STD200 460-836508/8	200.0	91.8361	50.0	707505.0	0.459181	Y
7	STD500 460-836508/9	500.0	255.647233	50.0	662404.0	0.511294	Y



Calibration / Trichlorofluoromethane

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

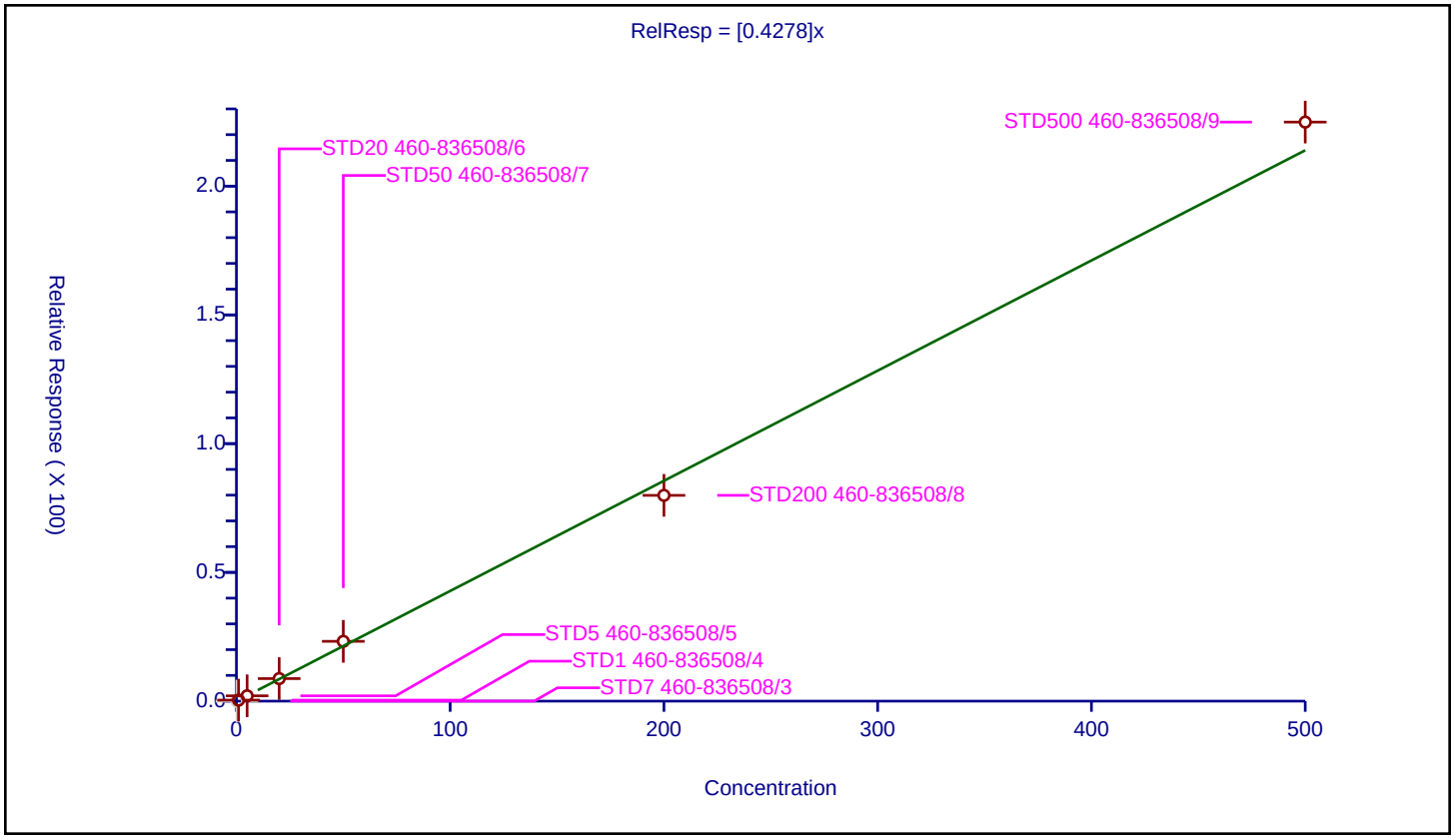
Curve Coefficients

Intercept:	0
Slope:	0.4278

Error Coefficients

Standard Error:	1430000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.25	0.0	50.0	538186.0	0.0	N
2	STD1 460-836508/4	1.0	0.402745	50.0	568102.0	0.402745	Y
3	STD5 460-836508/5	5.0	2.064376	50.0	598607.0	0.412875	Y
4	STD20 460-836508/6	20.0	8.751601	50.0	580888.0	0.43758	Y
5	STD50 460-836508/7	50.0	23.220913	50.0	578218.0	0.464418	Y
6	STD200 460-836508/8	200.0	79.917174	50.0	707505.0	0.399586	Y
7	STD500 460-836508/9	500.0	224.881719	50.0	662404.0	0.449763	Y



Calibration / Pentane

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

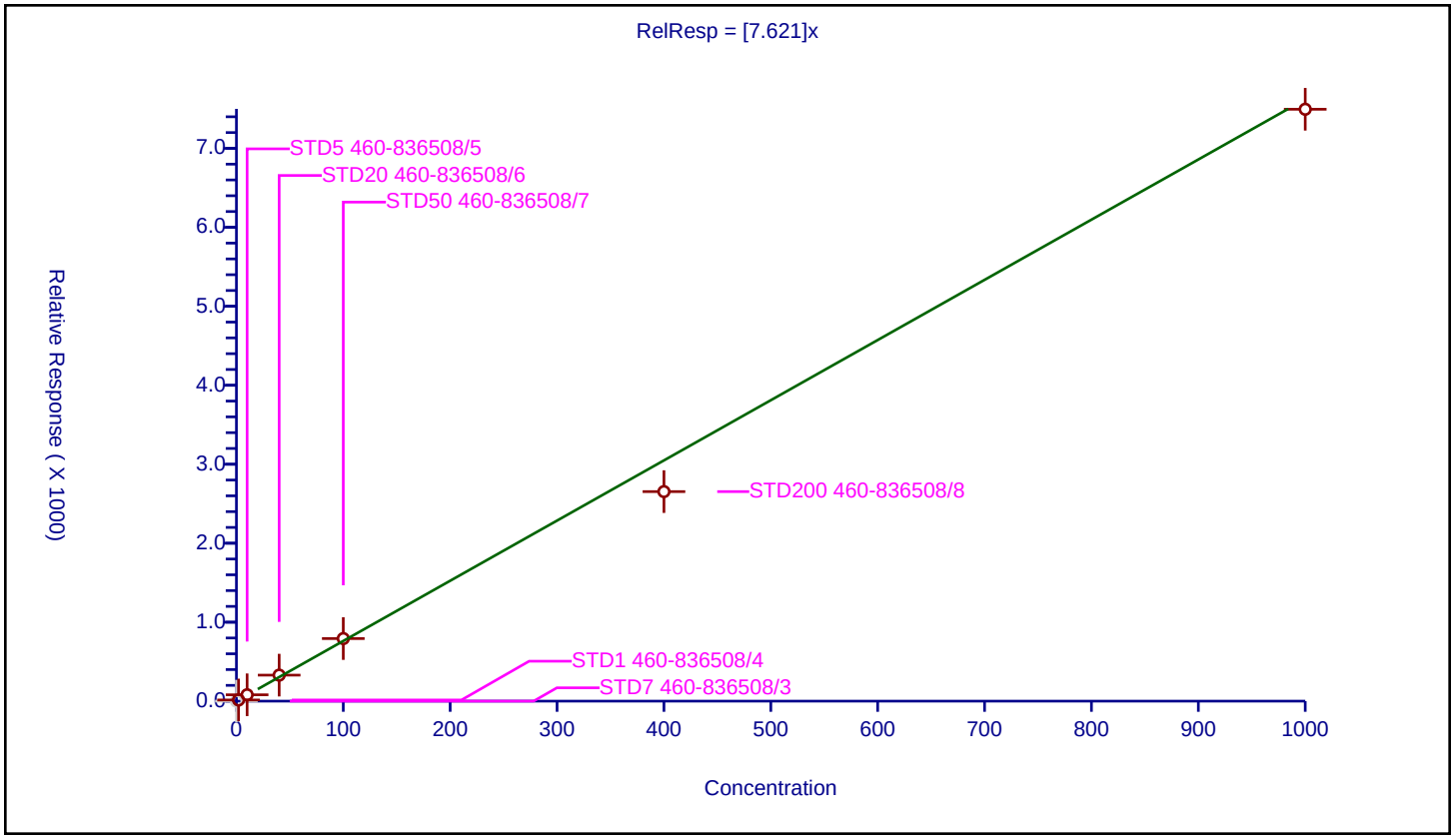
Curve Coefficients

Intercept:	0
Slope:	7.621

Error Coefficients

Standard Error:	179000
Relative Standard Error:	7.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	1000.0	35859.0	NaN	N
2	STD1 460-836508/4	2.0	14.796129	1000.0	41227.0	7.398064	Y
3	STD5 460-836508/5	10.0	80.455389	1000.0	39351.0	8.045539	Y
4	STD20 460-836508/6	40.0	329.288625	1000.0	43184.0	8.232216	Y
5	STD50 460-836508/7	100.0	792.368647	1000.0	43033.0	7.923686	Y
6	STD200 460-836508/8	400.0	2653.517193	1000.0	51561.0	6.633793	Y
7	STD500 460-836508/9	1000.0	7495.113435	1000.0	51263.0	7.495113	Y



Calibration / Ethanol

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

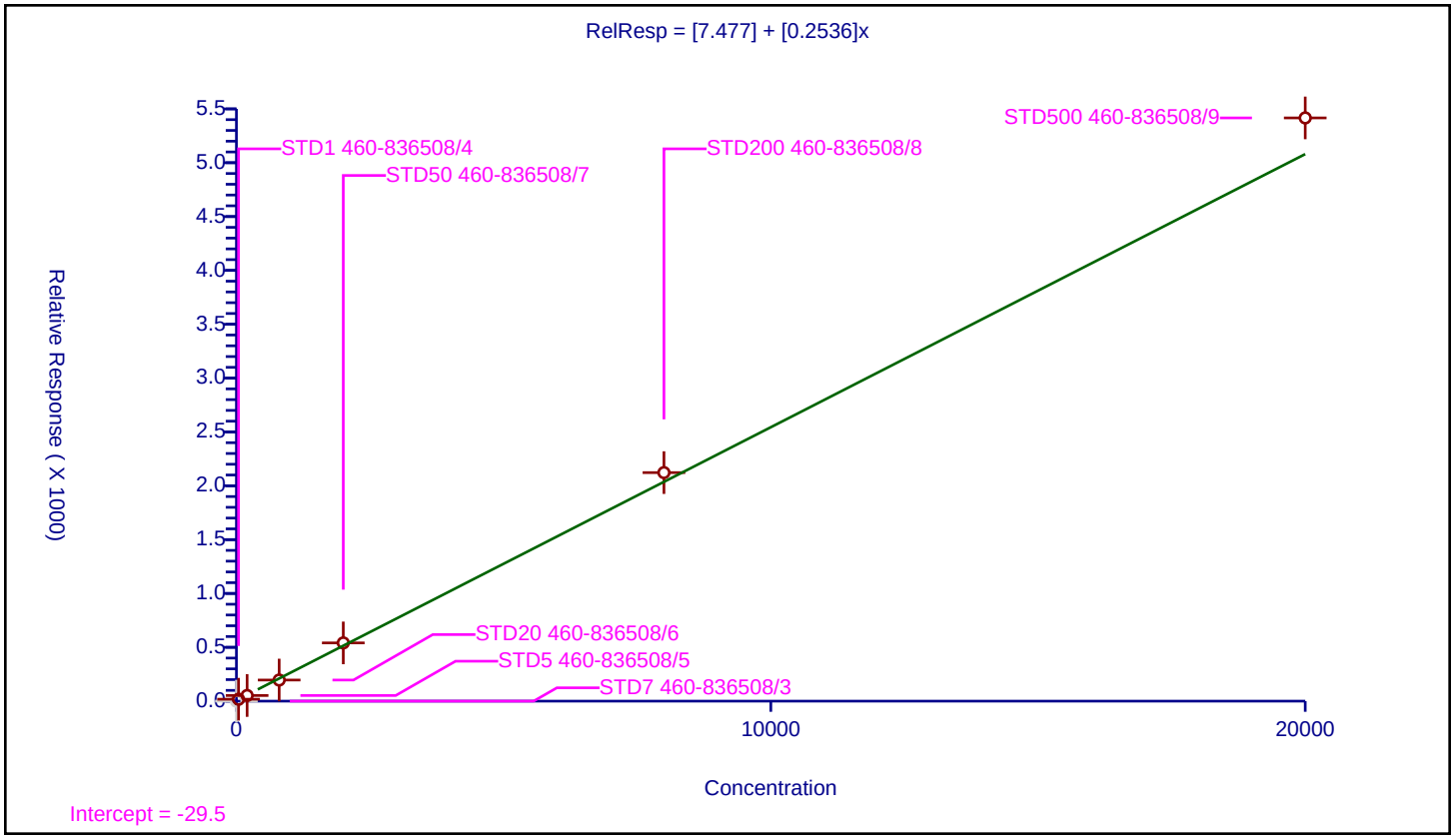
Curve Coefficients

Intercept:	7.477
Slope:	0.2536

Error Coefficients

Standard Error:	147000
Relative Standard Error:	8.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	1000.0	35859.0	NaN	N
2	STD1 460-836508/4	40.0	17.876634	1000.0	41227.0	0.446916	Y
3	STD5 460-836508/5	200.0	52.400193	1000.0	39351.0	0.262001	Y
4	STD20 460-836508/6	800.0	196.067988	1000.0	43184.0	0.245085	Y
5	STD50 460-836508/7	2000.0	540.817512	1000.0	43033.0	0.270409	Y
6	STD200 460-836508/8	8000.0	2122.340529	1000.0	51561.0	0.265293	Y
7	STD500 460-836508/9	20000.0	5416.050563	1000.0	51263.0	0.270803	Y



Calibration / Ethyl ether

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

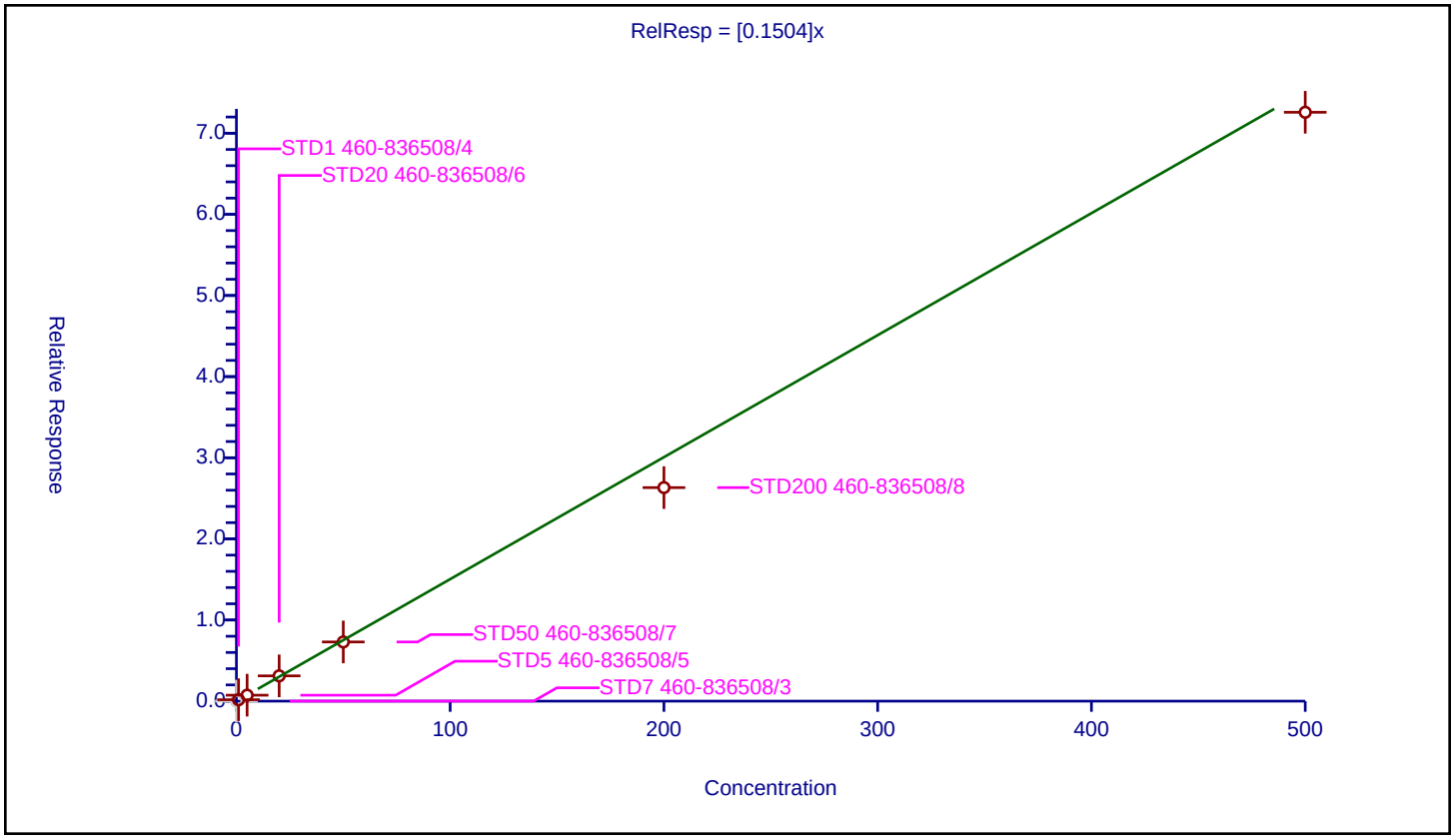
Curve Coefficients

Intercept:	0
Slope:	0.1504

Error Coefficients

Standard Error:	463000
Relative Standard Error:	10.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.176641	50.0	568102.0	0.176641	Y
3	STD5 460-836508/5	5.0	0.734539	50.0	598607.0	0.146908	Y
4	STD20 460-836508/6	20.0	3.118501	50.0	580888.0	0.155925	Y
5	STD50 460-836508/7	50.0	7.295259	50.0	578218.0	0.145905	Y
6	STD200 460-836508/8	200.0	26.32045	50.0	707505.0	0.131602	Y
7	STD500 460-836508/9	500.0	72.582367	50.0	662404.0	0.145165	Y



Calibration / 2-Methyl-1,3-butadiene

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

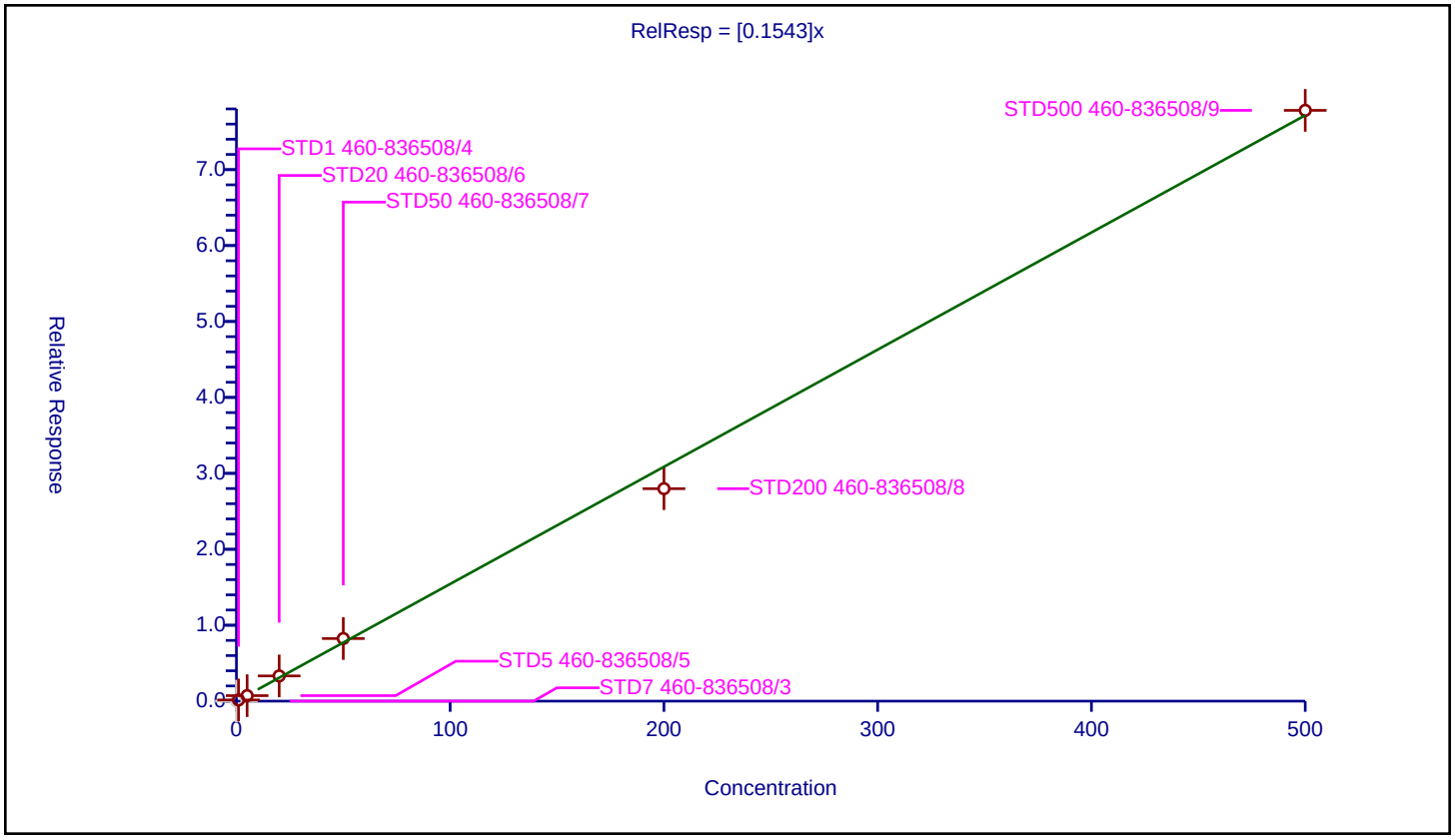
Curve Coefficients

Intercept:	0
Slope:	0.1543

Error Coefficients

Standard Error:	496000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.154638	50.0	568102.0	0.154638	Y
3	STD5 460-836508/5	5.0	0.724014	50.0	598607.0	0.144803	Y
4	STD20 460-836508/6	20.0	3.319056	50.0	580888.0	0.165953	Y
5	STD50 460-836508/7	50.0	8.245852	50.0	578218.0	0.164917	Y
6	STD200 460-836508/8	200.0	27.983265	50.0	707505.0	0.139916	Y
7	STD500 460-836508/9	500.0	77.807275	50.0	662404.0	0.155615	Y



Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

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

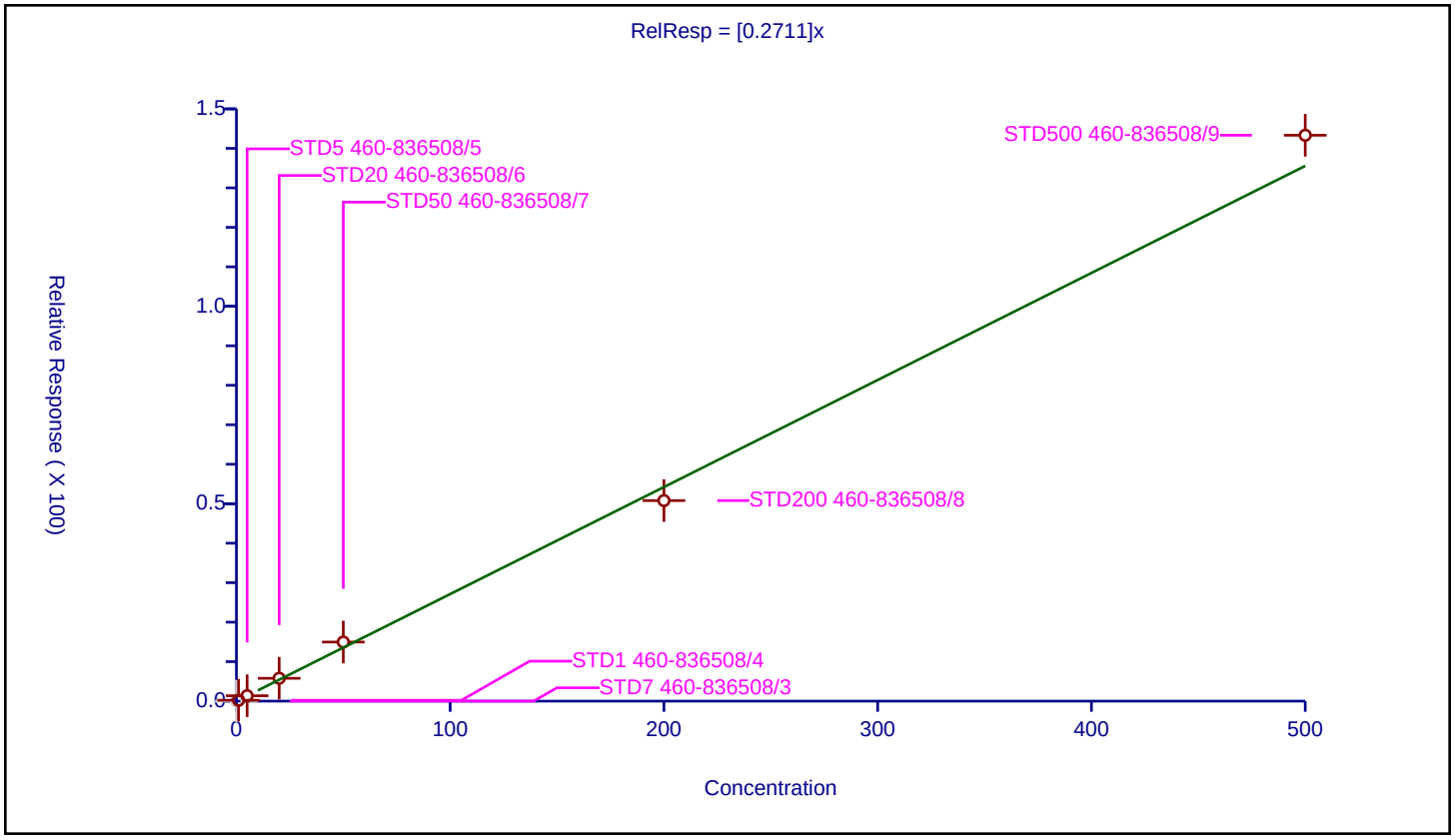
Curve Coefficients

Intercept:	0
Slope:	0.2711

Error Coefficients

Standard Error:	912000
Relative Standard Error:	10.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.224432	50.0	568102.0	0.224432	Y
3	STD5 460-836508/5	5.0	1.365002	50.0	598607.0	0.273	Y
4	STD20 460-836508/6	20.0	5.787518	50.0	580888.0	0.289376	Y
5	STD50 460-836508/7	50.0	14.964079	50.0	578218.0	0.299282	Y
6	STD200 460-836508/8	200.0	50.796178	50.0	707505.0	0.253981	Y
7	STD500 460-836508/9	500.0	143.324769	50.0	662404.0	0.28665	Y



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

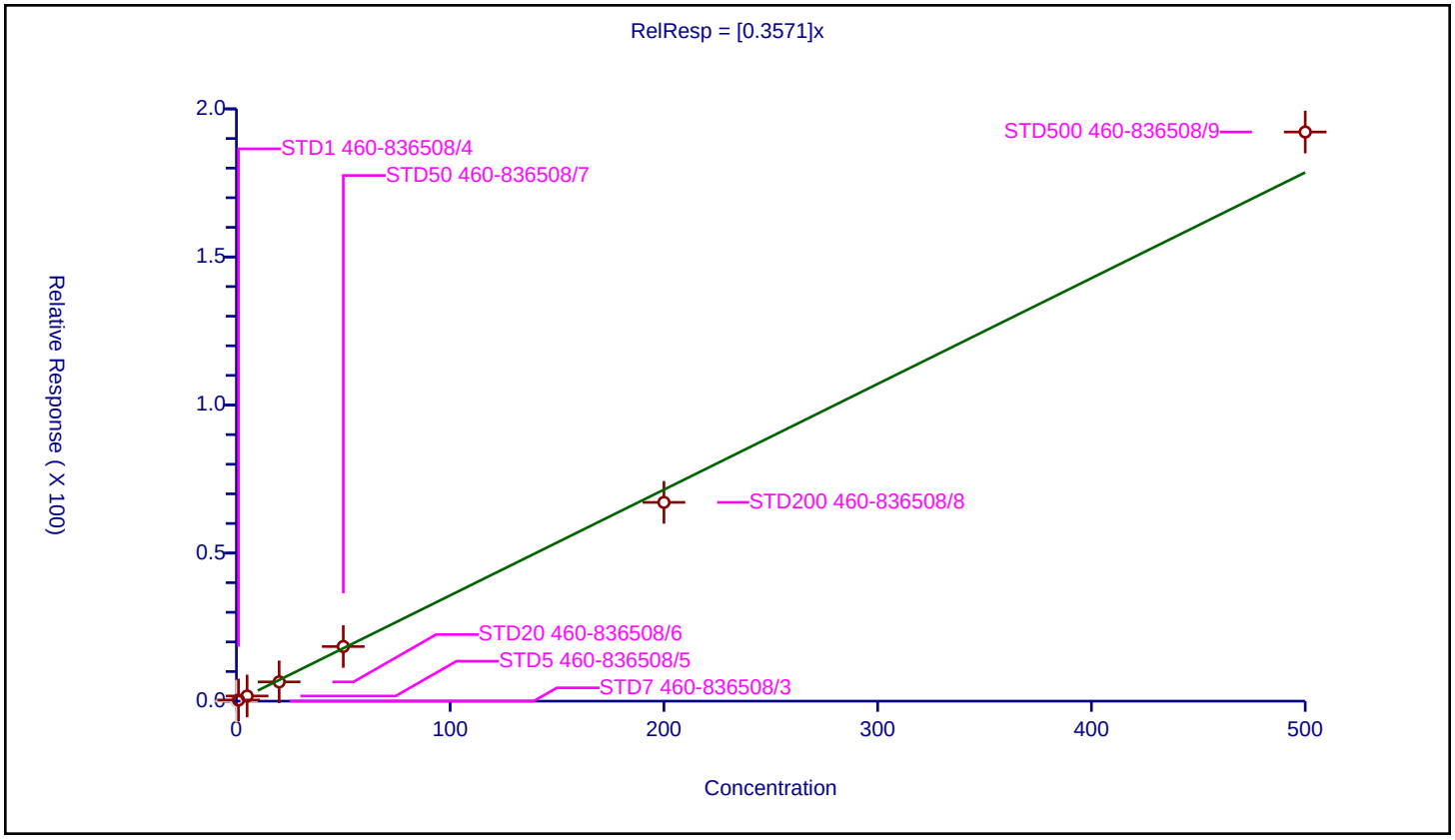
Curve Coefficients

Intercept:	0
Slope:	0.3571

Error Coefficients

Standard Error:	1220000
Relative Standard Error:	6.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.380653	50.0	568102.0	0.380653	Y
3	STD5 460-836508/5	5.0	1.73862	50.0	598607.0	0.347724	Y
4	STD20 460-836508/6	20.0	6.500134	50.0	580888.0	0.325007	Y
5	STD50 460-836508/7	50.0	18.454891	50.0	578218.0	0.369098	Y
6	STD200 460-836508/8	200.0	67.119455	50.0	707505.0	0.335597	Y
7	STD500 460-836508/9	500.0	192.195926	50.0	662404.0	0.384392	Y



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

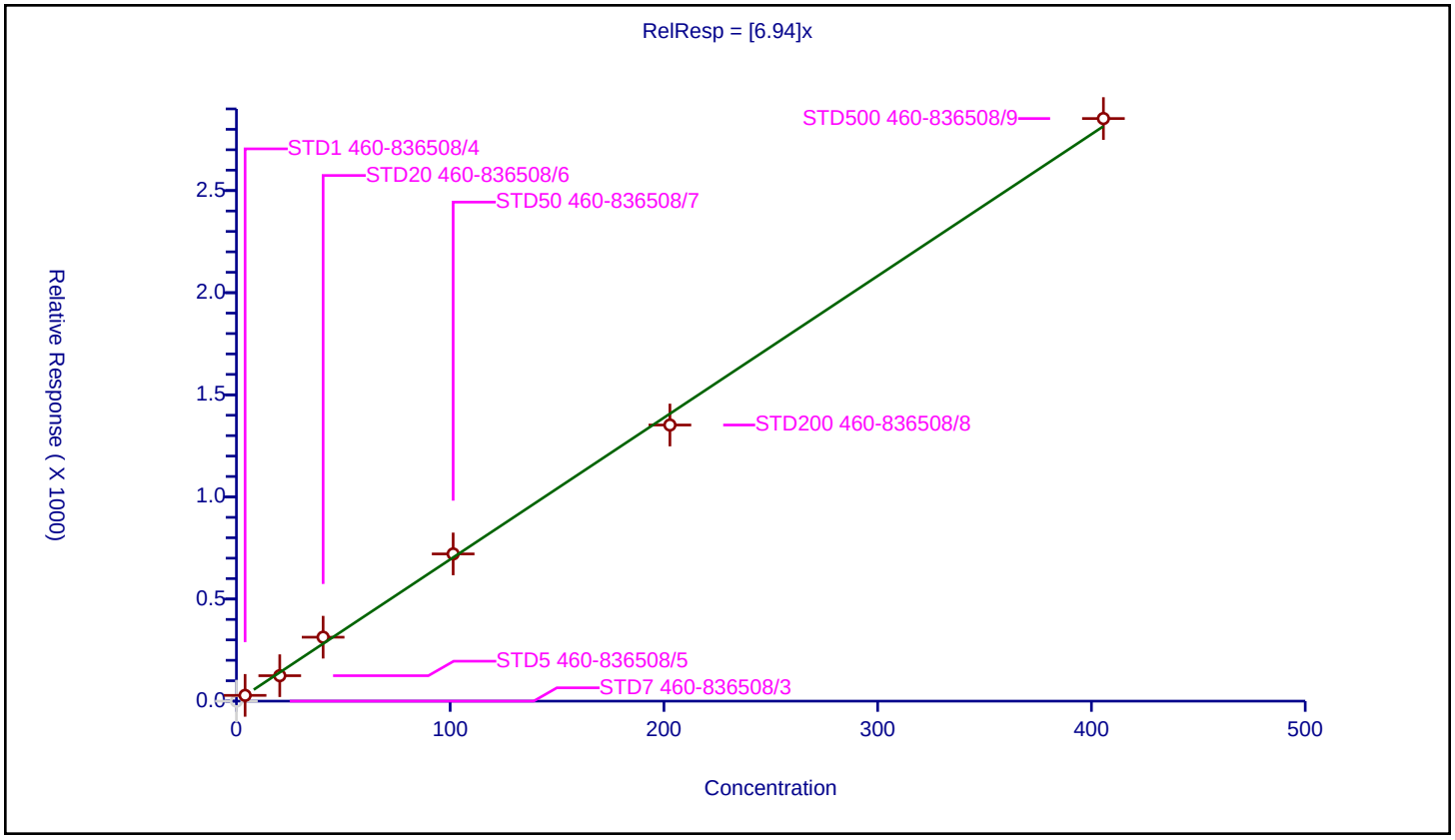
Curve Coefficients

Intercept:	0
Slope:	6.94

Error Coefficients

Standard Error:	72600
Relative Standard Error:	7.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	1000.0	35859.0	NaN	N
2	STD1 460-836508/4	4.056	28.233924	1000.0	41227.0	6.961027	Y
3	STD5 460-836508/5	20.28	124.672816	1000.0	39351.0	6.147575	Y
4	STD20 460-836508/6	40.56	313.125232	1000.0	43184.0	7.72005	Y
5	STD50 460-836508/7	101.4	720.935096	1000.0	43033.0	7.109814	Y
6	STD200 460-836508/8	202.8	1352.049029	1000.0	51561.0	6.666908	Y
7	STD500 460-836508/9	405.6	2852.798315	1000.0	51263.0	7.033526	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

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

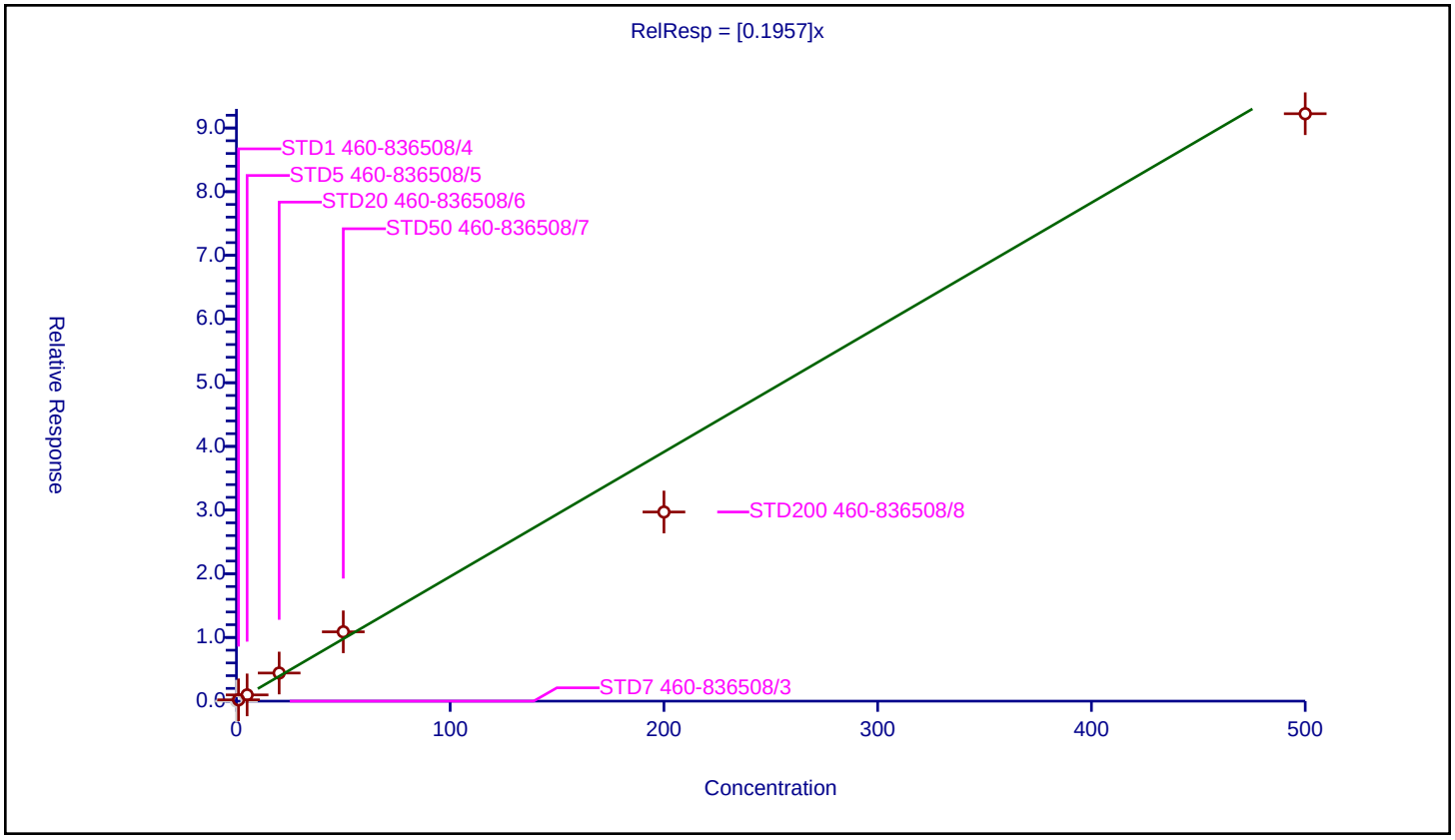
Curve Coefficients

Intercept:	0
Slope:	0.1957

Error Coefficients

Standard Error:	581000
Relative Standard Error:	13.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.206125	50.0	568102.0	0.206125	Y
3	STD5 460-836508/5	5.0	0.982197	50.0	598607.0	0.196439	Y
4	STD20 460-836508/6	20.0	4.41462	50.0	580888.0	0.220731	Y
5	STD50 460-836508/7	50.0	10.88413	50.0	578218.0	0.217683	Y
6	STD200 460-836508/8	200.0	29.702688	50.0	707505.0	0.148513	Y
7	STD500 460-836508/9	500.0	92.24114	50.0	662404.0	0.184482	Y



Calibration / 1,1-Dichloroethene

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

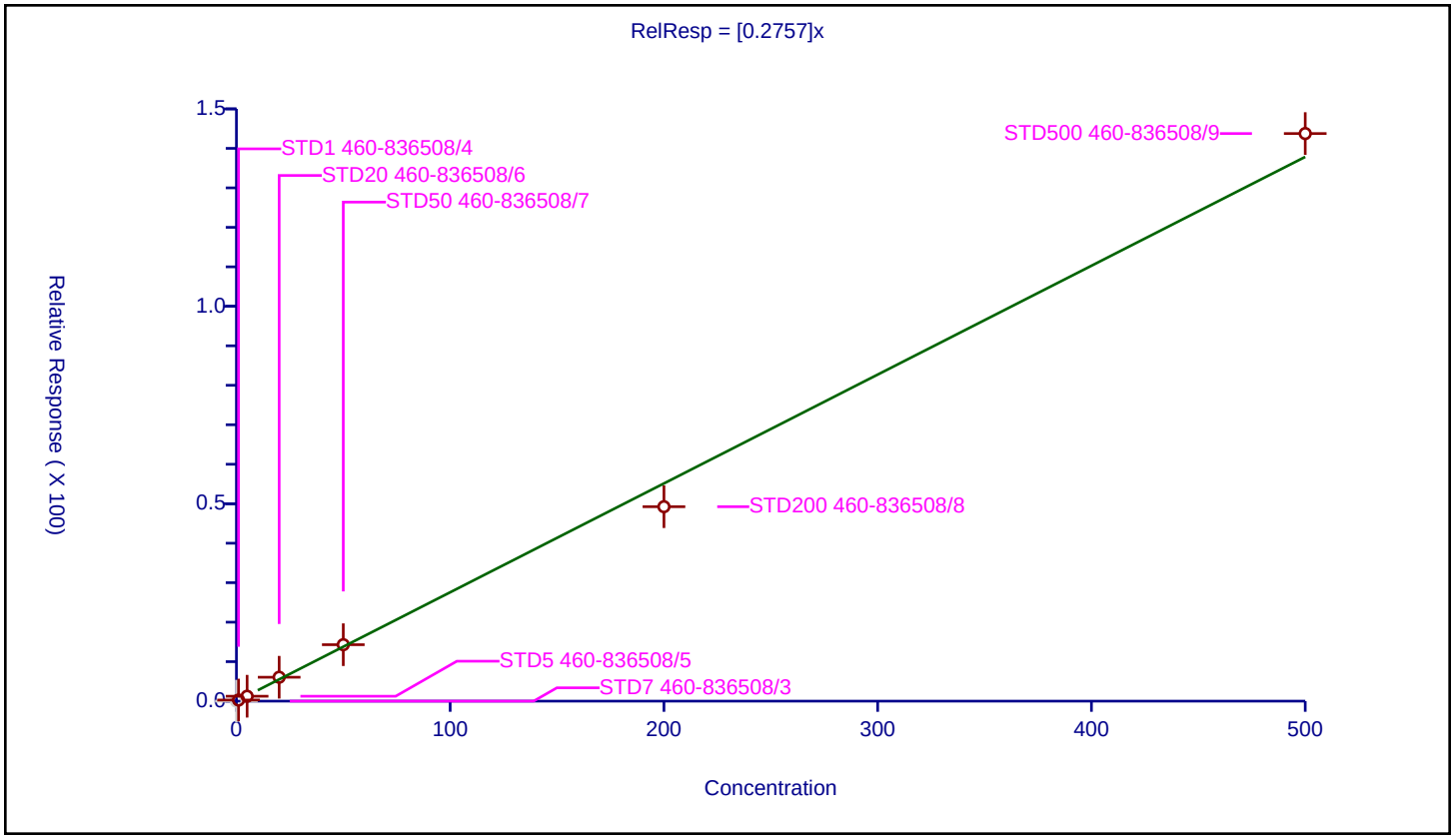
Curve Coefficients

Intercept:	0
Slope:	0.2757

Error Coefficients

Standard Error:	910000
Relative Standard Error:	8.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.283136	50.0	568102.0	0.283136	Y
3	STD5 460-836508/5	5.0	1.242468	50.0	598607.0	0.248494	Y
4	STD20 460-836508/6	20.0	6.057192	50.0	580888.0	0.30286	Y
5	STD50 460-836508/7	50.0	14.295214	50.0	578218.0	0.285904	Y
6	STD200 460-836508/8	200.0	49.246507	50.0	707505.0	0.246233	Y
7	STD500 460-836508/9	500.0	143.755774	50.0	662404.0	0.287512	Y



Calibration / Acetone

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

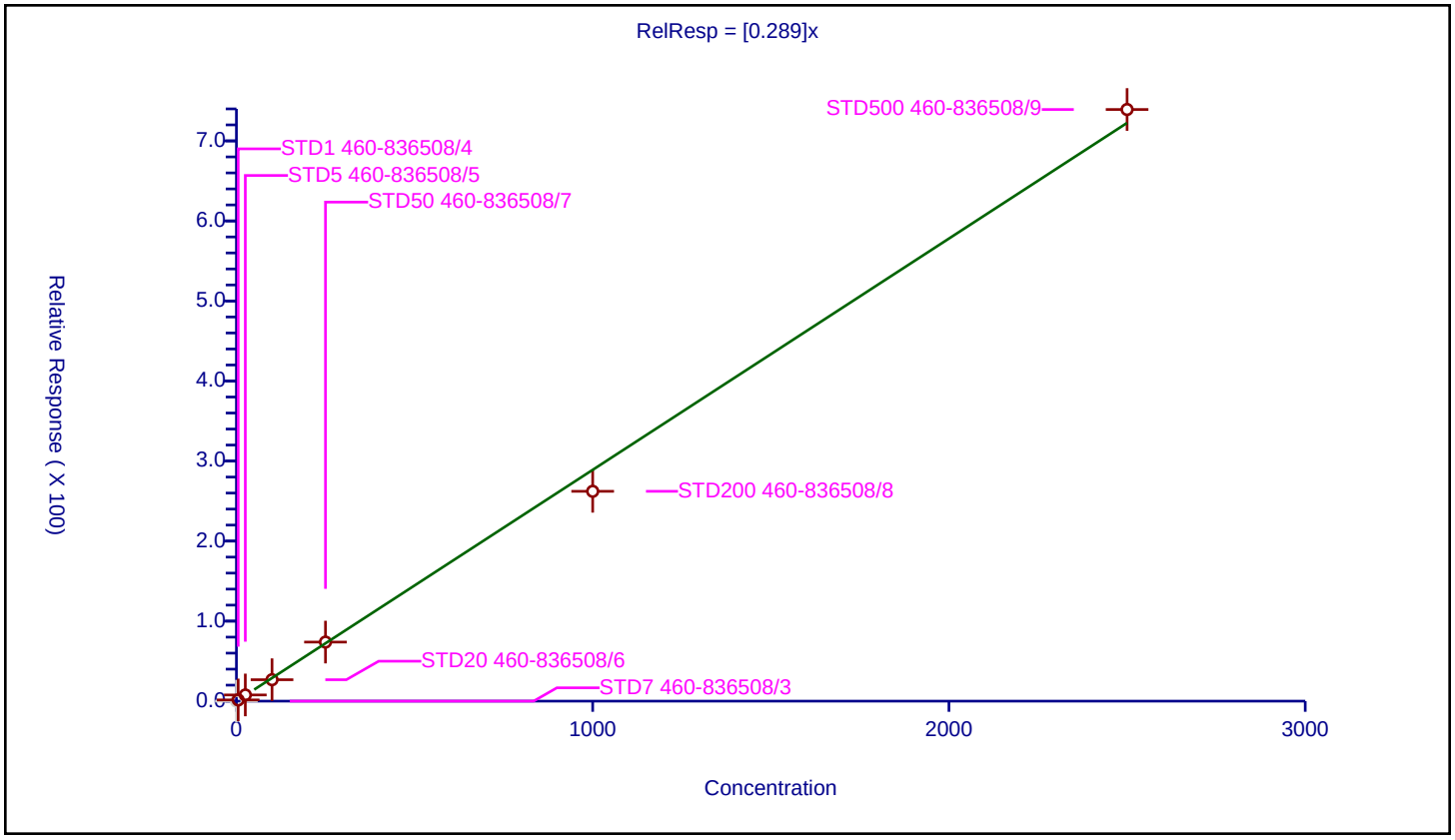
Curve Coefficients

Intercept:	0
Slope:	0.289

Error Coefficients

Standard Error:	395000
Relative Standard Error:	6.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	250.0	198483.0	NaN	N
2	STD1 460-836508/4	5.0	1.51909	250.0	255416.0	0.303818	Y
3	STD5 460-836508/5	25.0	7.733142	250.0	222096.0	0.309326	Y
4	STD20 460-836508/6	100.0	26.772957	250.0	259665.0	0.26773	Y
5	STD50 460-836508/7	250.0	73.803108	250.0	221908.0	0.295212	Y
6	STD200 460-836508/8	1000.0	262.170164	250.0	316635.0	0.26217	Y
7	STD500 460-836508/9	2500.0	739.228852	250.0	276108.0	0.295692	Y



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

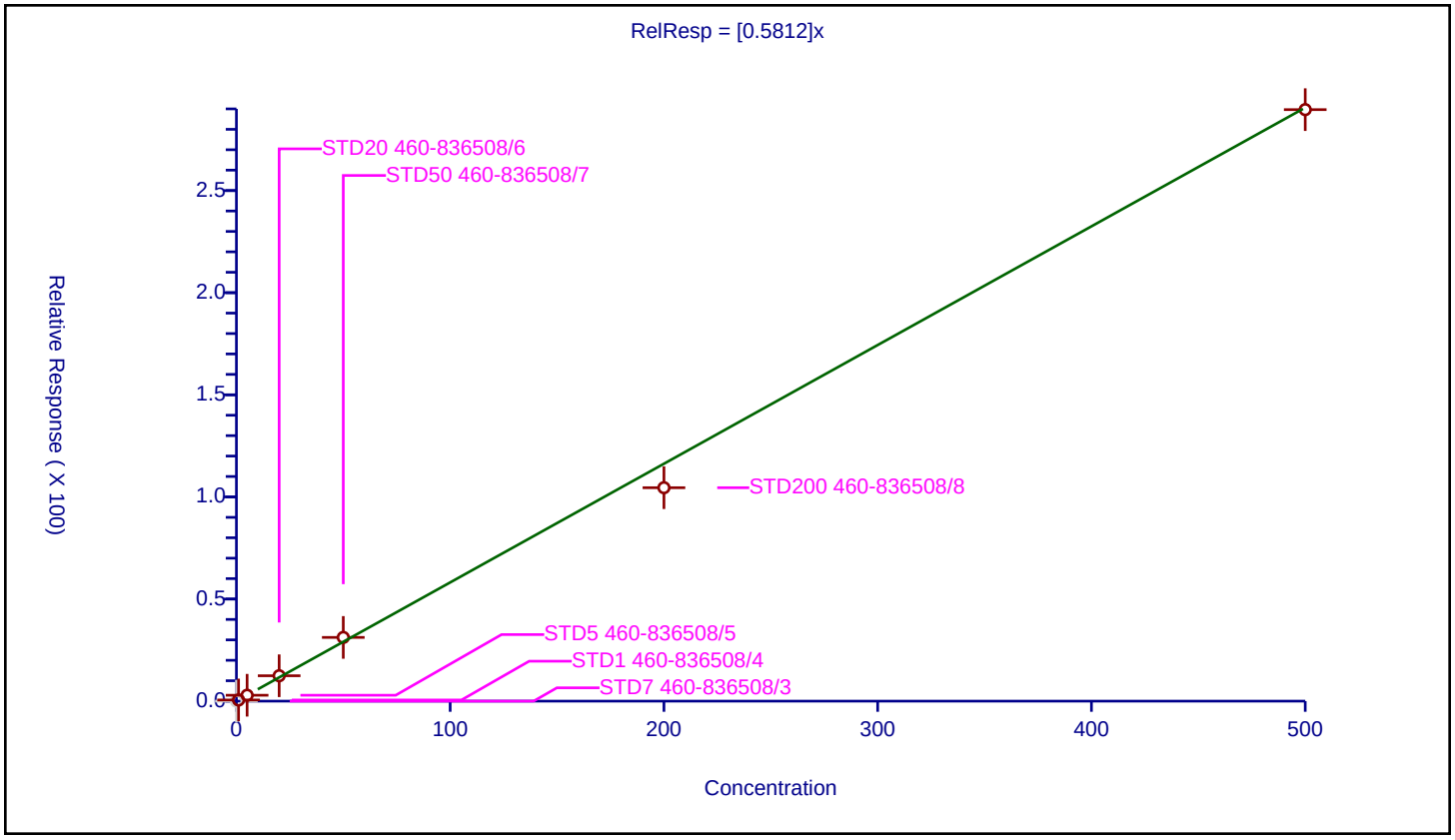
Curve Coefficients

Intercept:	0
Slope:	0.5812

Error Coefficients

Standard Error:	1850000
Relative Standard Error:	6.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.562927	50.0	568102.0	0.562927	Y
3	STD5 460-836508/5	5.0	2.884447	50.0	598607.0	0.576889	Y
4	STD20 460-836508/6	20.0	12.435185	50.0	580888.0	0.621759	Y
5	STD50 460-836508/7	50.0	31.198614	50.0	578218.0	0.623972	Y
6	STD200 460-836508/8	200.0	104.509226	50.0	707505.0	0.522546	Y
7	STD500 460-836508/9	500.0	289.632837	50.0	662404.0	0.579266	Y



Calibration / Isopropyl alcohol

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

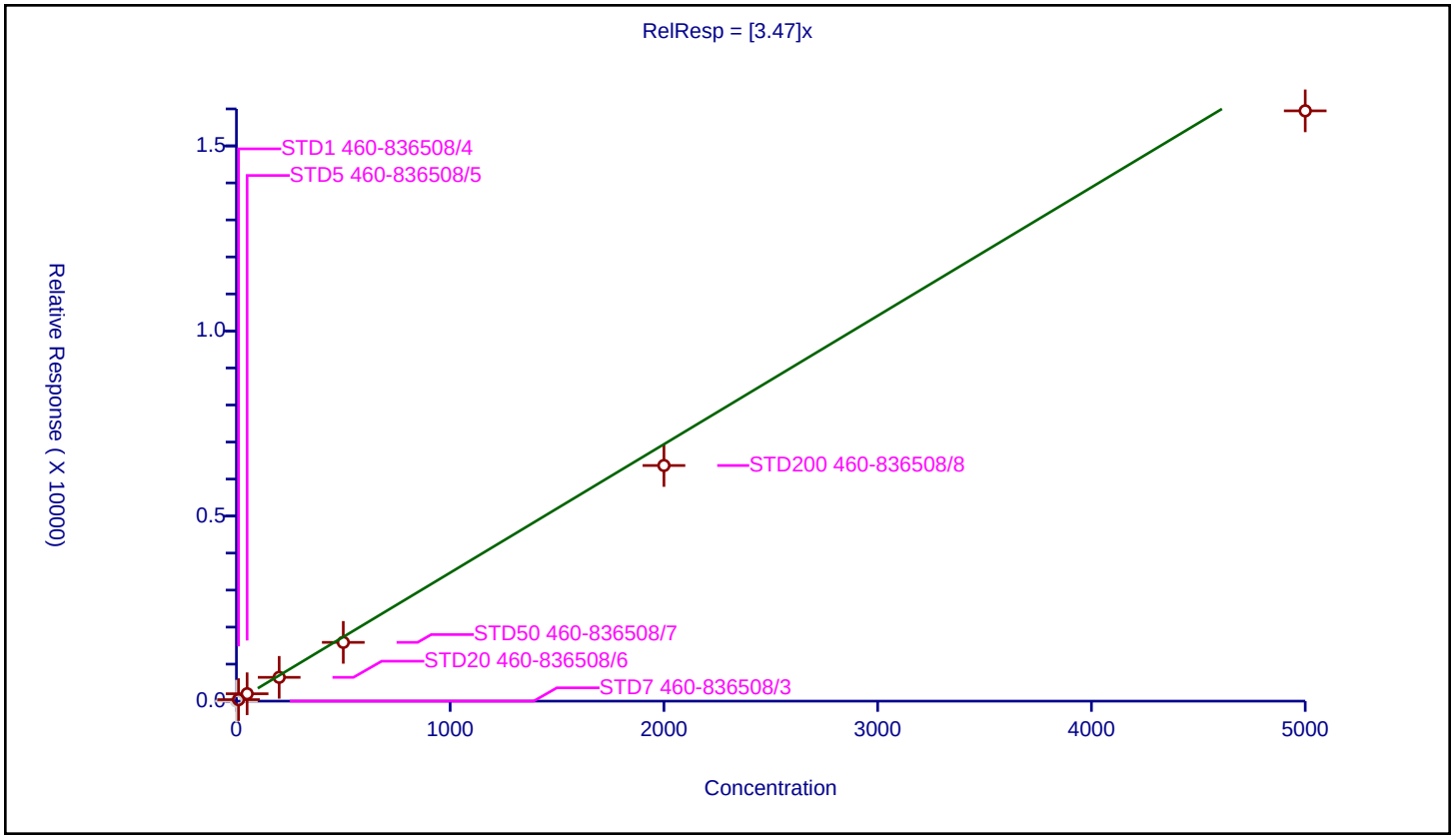
Curve Coefficients

Intercept:	0
Slope:	3.47

Error Coefficients

Standard Error:	387000
Relative Standard Error:	12.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	1000.0	35859.0	NaN	N
2	STD1 460-836508/4	10.0	40.65297	1000.0	41227.0	4.065297	Y
3	STD5 460-836508/5	50.0	199.68997	1000.0	39351.0	3.993799	Y
4	STD20 460-836508/6	200.0	642.969618	1000.0	43184.0	3.214848	Y
5	STD50 460-836508/7	500.0	1587.734994	1000.0	43033.0	3.17547	Y
6	STD200 460-836508/8	2000.0	6365.760943	1000.0	51561.0	3.18288	Y
7	STD500 460-836508/9	5000.0	15947.642549	1000.0	51263.0	3.189529	Y



Calibration / Carbon disulfide

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

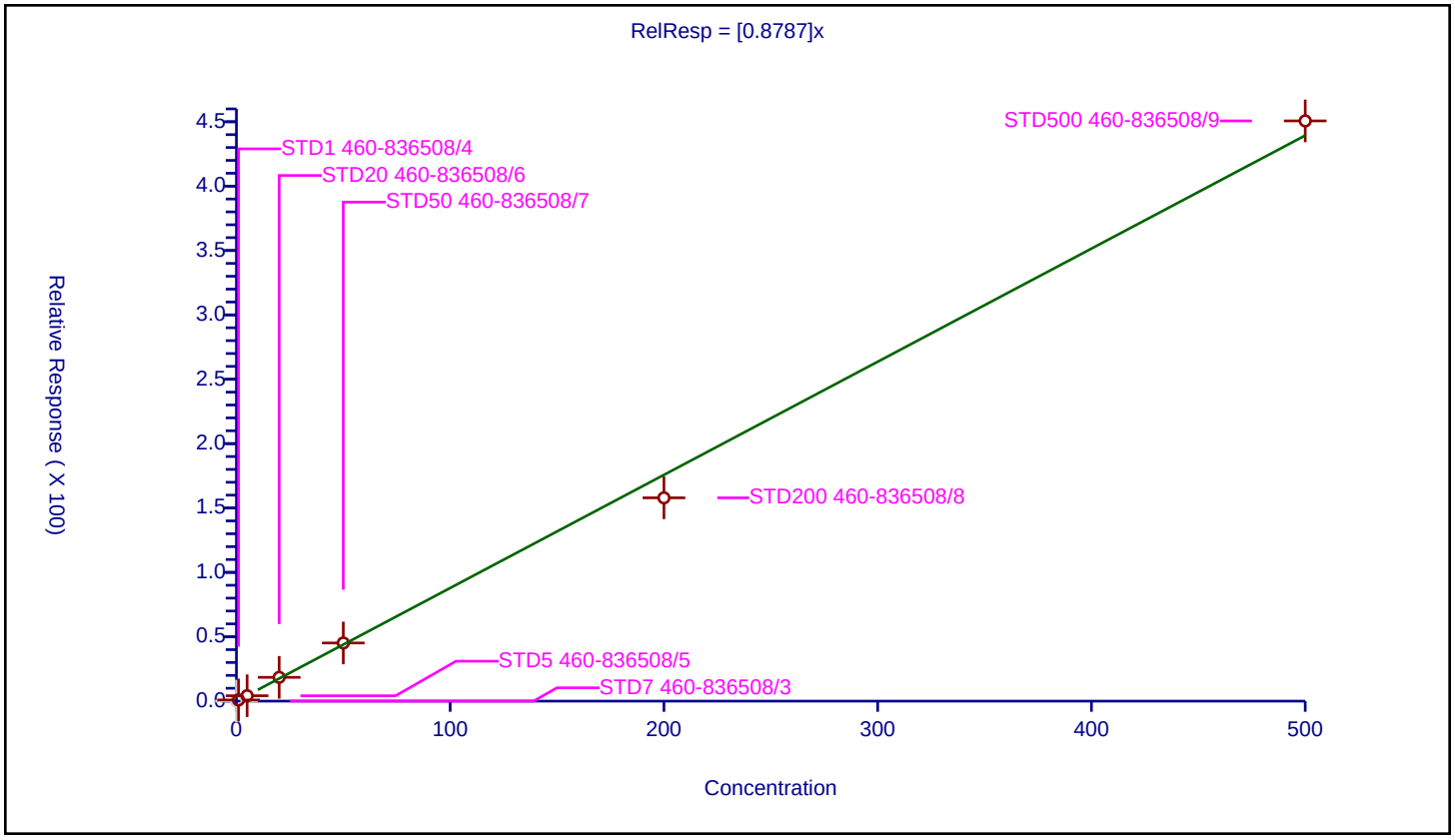
Curve Coefficients

Intercept:	0
Slope:	0.8787

Error Coefficients

Standard Error:	2860000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.915769	50.0	568102.0	0.915769	Y
3	STD5 460-836508/5	5.0	4.190395	50.0	598607.0	0.838079	Y
4	STD20 460-836508/6	20.0	18.479982	50.0	580888.0	0.923999	Y
5	STD50 460-836508/7	50.0	45.175609	50.0	578218.0	0.903512	Y
6	STD200 460-836508/8	200.0	157.903548	50.0	707505.0	0.789518	Y
7	STD500 460-836508/9	500.0	450.664851	50.0	662404.0	0.90133	Y



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

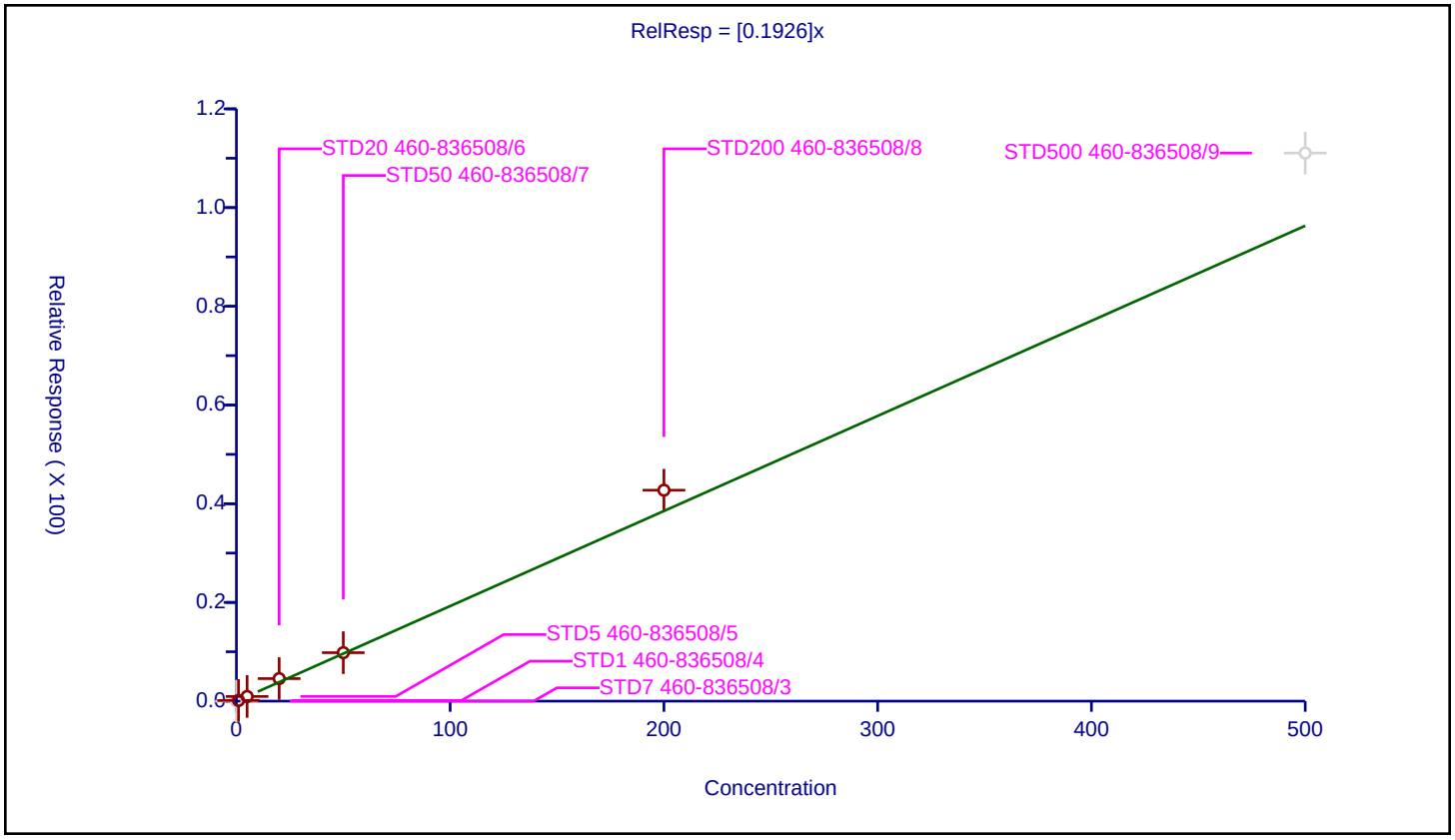
Curve Coefficients

Intercept:	0
Slope:	0.1926

Error Coefficients

Standard Error:	309000
Relative Standard Error:	18.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.134923	50.0	568102.0	0.134923	Y
3	STD5 460-836508/5	5.0	0.949454	50.0	598607.0	0.189891	Y
4	STD20 460-836508/6	20.0	4.566801	50.0	580888.0	0.22834	Y
5	STD50 460-836508/7	50.0	9.816453	50.0	578218.0	0.196329	Y
6	STD200 460-836508/8	200.0	42.73673	50.0	707505.0	0.213684	Y
7	STD500 460-836508/9	500.0	111.053753	50.0	662404.0	0.222108	N



Calibration / Methyl acetate

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

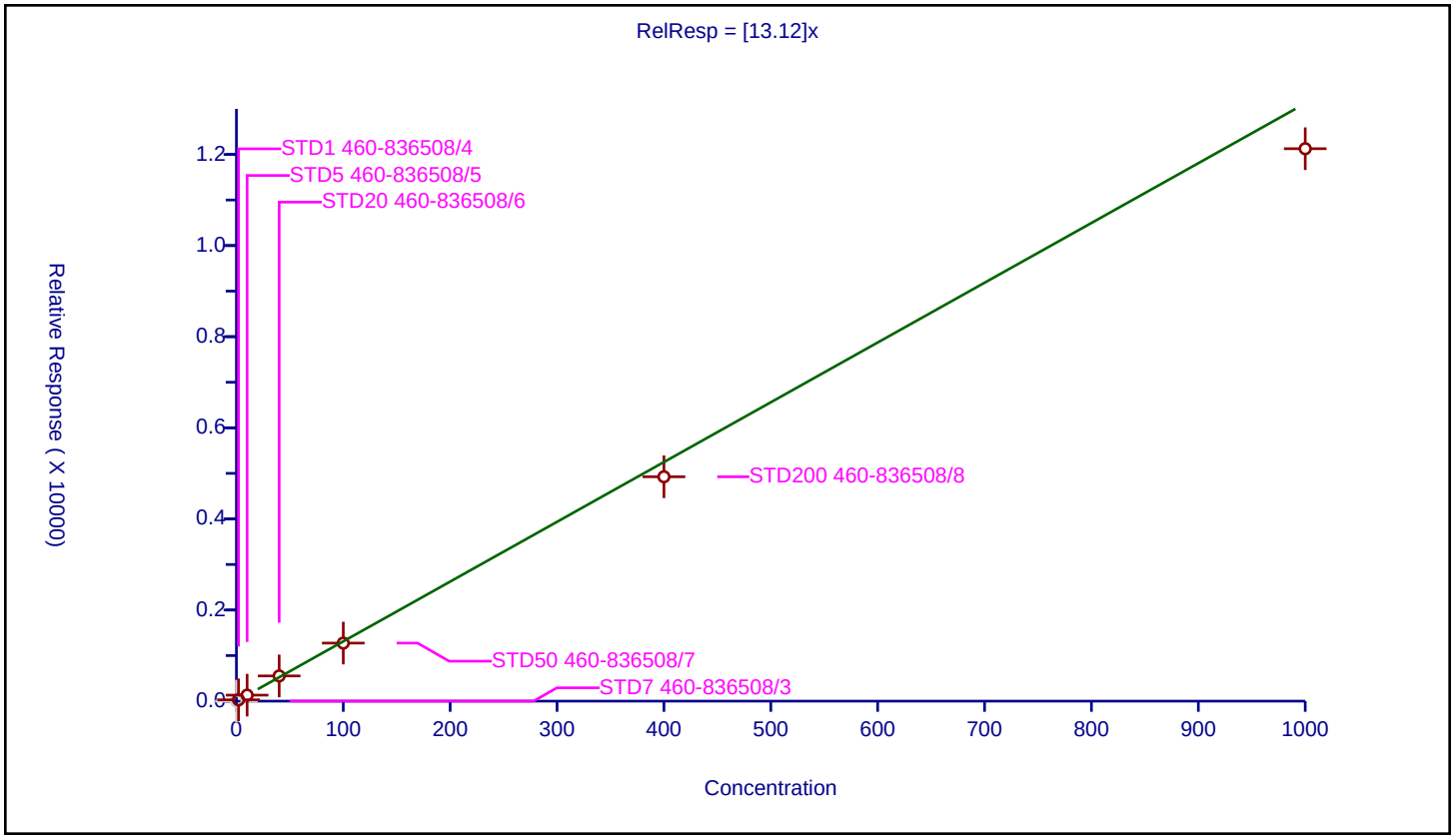
Curve Coefficients

Intercept:	0
Slope:	13.12

Error Coefficients

Standard Error:	295000
Relative Standard Error:	7.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	1000.0	35859.0	NaN	N
2	STD1 460-836508/4	2.0	29.058627	1000.0	41227.0	14.529313	Y
3	STD5 460-836508/5	10.0	131.788265	1000.0	39351.0	13.178826	Y
4	STD20 460-836508/6	40.0	553.260467	1000.0	43184.0	13.831512	Y
5	STD50 460-836508/7	100.0	1274.208166	1000.0	43033.0	12.742082	Y
6	STD200 460-836508/8	400.0	4925.098427	1000.0	51561.0	12.312746	Y
7	STD500 460-836508/9	1000.0	12125.860757	1000.0	51263.0	12.125861	Y



Calibration / Cyclopentene

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

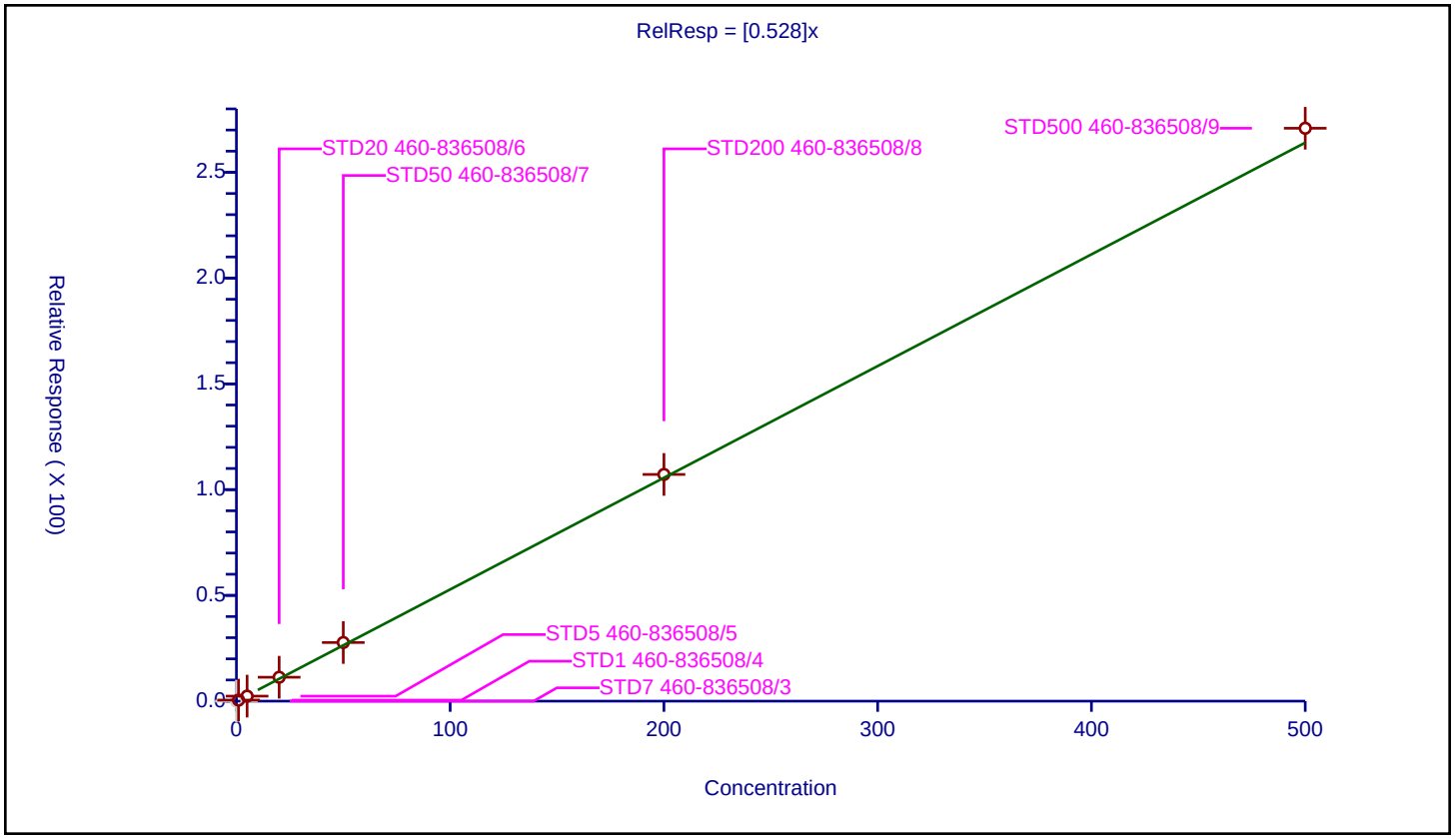
Curve Coefficients

Intercept:	0
Slope:	0.528

Error Coefficients

Standard Error:	1750000
Relative Standard Error:	6.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.49551	50.0	568102.0	0.49551	Y
3	STD5 460-836508/5	5.0	2.379775	50.0	598607.0	0.475955	Y
4	STD20 460-836508/6	20.0	11.297961	50.0	580888.0	0.564898	Y
5	STD50 460-836508/7	50.0	27.718525	50.0	578218.0	0.55437	Y
6	STD200 460-836508/8	200.0	107.175214	50.0	707505.0	0.535876	Y
7	STD500 460-836508/9	500.0	270.843171	50.0	662404.0	0.541686	Y



Calibration / Acetonitrile

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

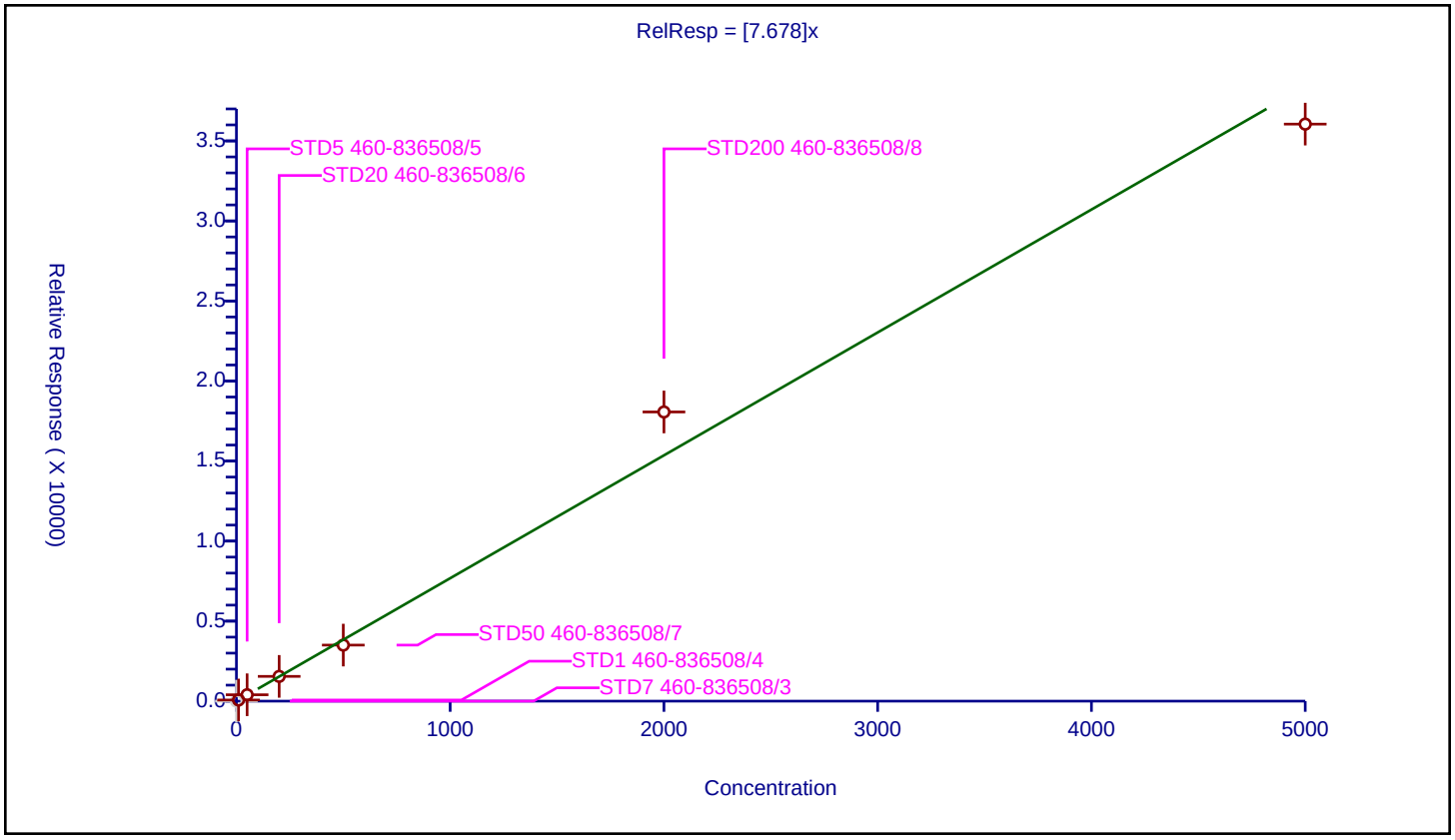
Curve Coefficients

Intercept:	0
Slope:	7.678

Error Coefficients

Standard Error:	910000
Relative Standard Error:	9.9
Correlation Coefficient:	0.988
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	1000.0	35859.0	NaN	N
2	STD1 460-836508/4	10.0	71.215466	1000.0	41227.0	7.121547	Y
3	STD5 460-836508/5	50.0	398.465096	1000.0	39351.0	7.969302	Y
4	STD20 460-836508/6	200.0	1545.966099	1000.0	43184.0	7.72983	Y
5	STD50 460-836508/7	500.0	3501.173518	1000.0	43033.0	7.002347	Y
6	STD200 460-836508/8	2000.0	18065.941312	1000.0	51561.0	9.032971	Y
7	STD500 460-836508/9	5000.0	36049.5289	1000.0	51263.0	7.209906	Y



Calibration / Methylene Chloride

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

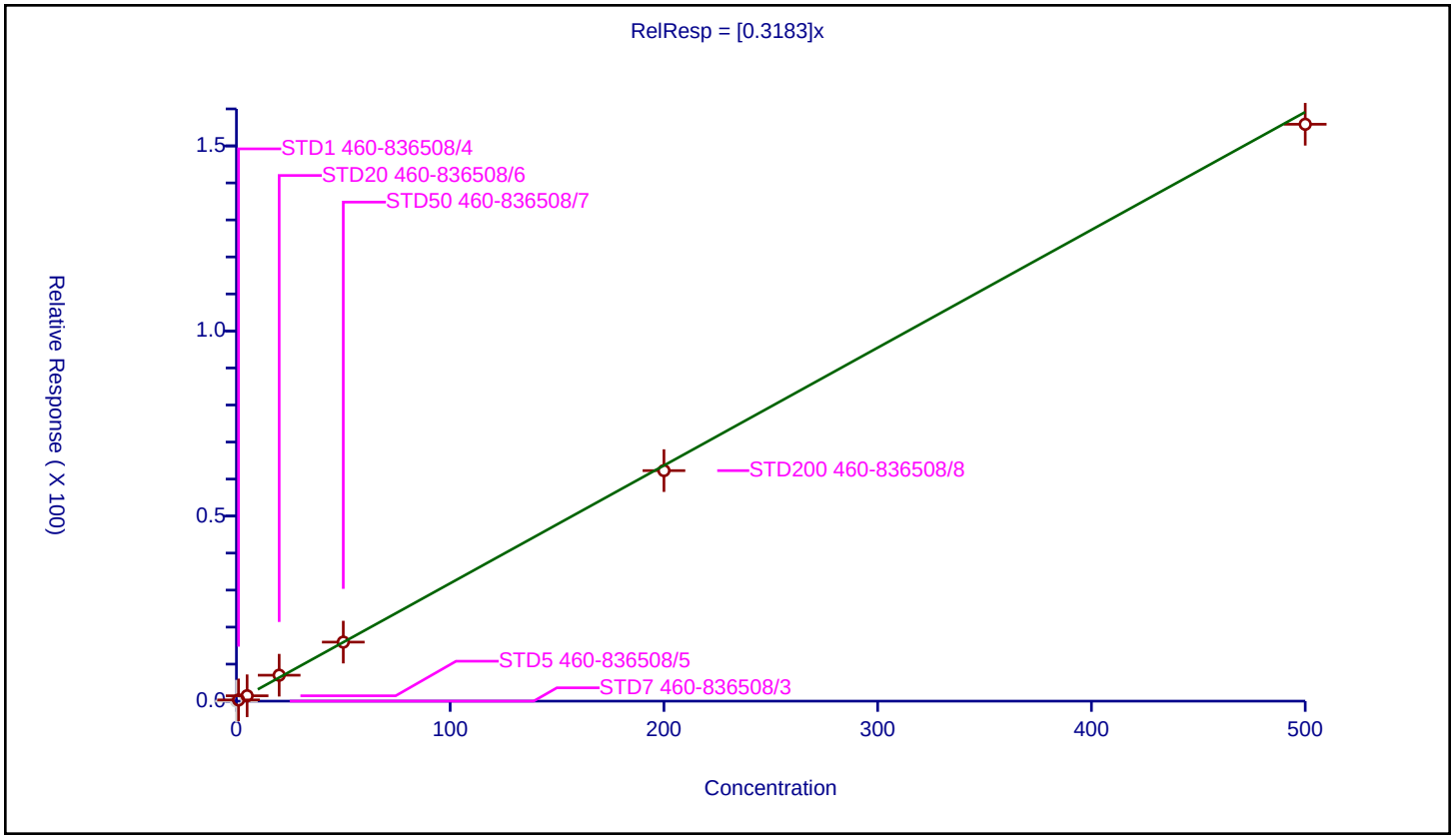
Curve Coefficients

Intercept:	0
Slope:	0.3183

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	6.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.327582	50.0	568102.0	0.327582	Y
3	STD5 460-836508/5	5.0	1.44853	50.0	598607.0	0.289706	Y
4	STD20 460-836508/6	20.0	7.007805	50.0	580888.0	0.35039	Y
5	STD50 460-836508/7	50.0	15.948743	50.0	578218.0	0.318975	Y
6	STD200 460-836508/8	200.0	62.276874	50.0	707505.0	0.311384	Y
7	STD500 460-836508/9	500.0	155.846508	50.0	662404.0	0.311693	Y



Calibration / 2-Methyl-2-propanol

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

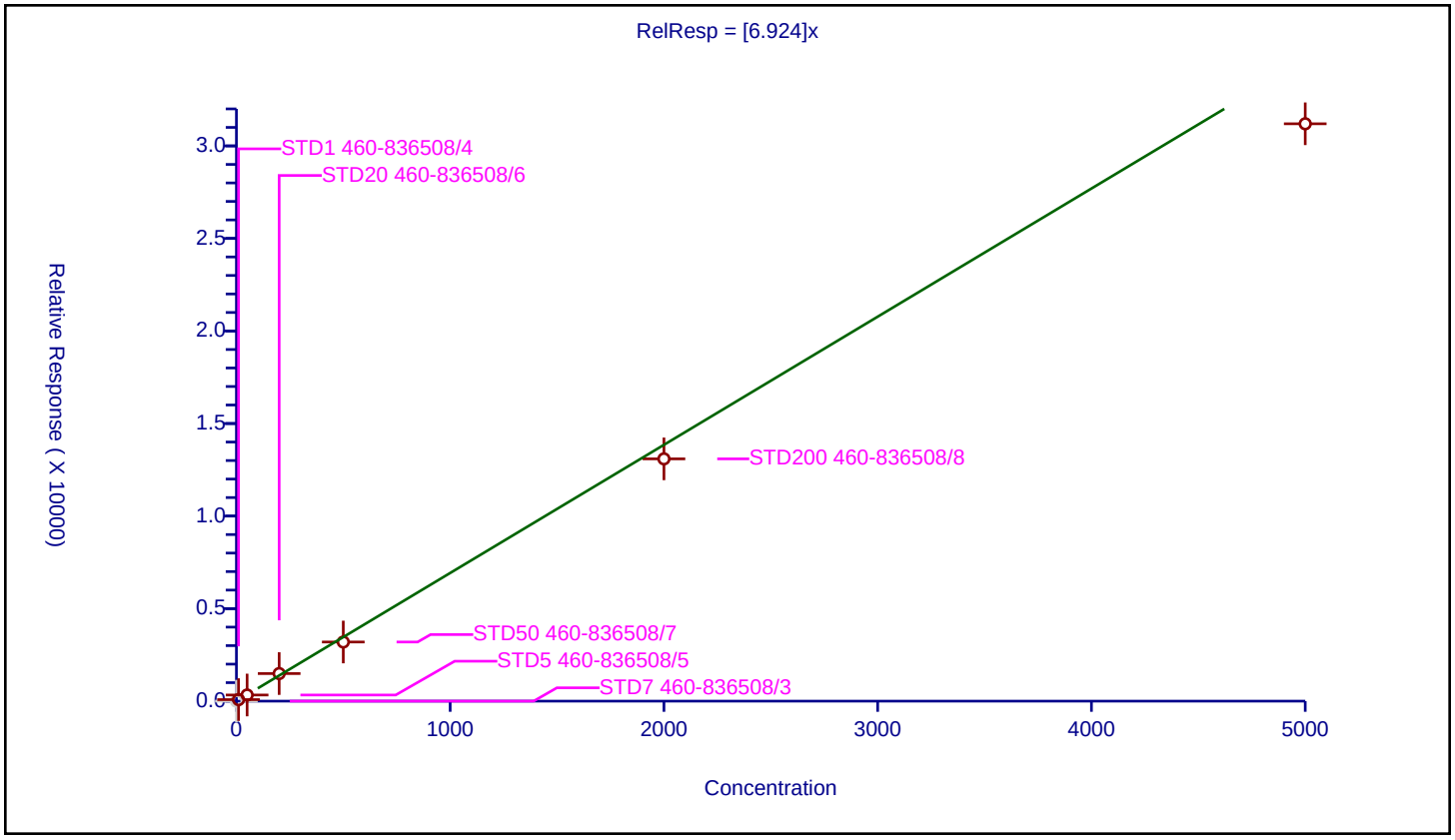
Curve Coefficients

Intercept:	0
Slope:	6.924

Error Coefficients

Standard Error:	762000
Relative Standard Error:	11.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	1000.0	35859.0	NaN	N
2	STD1 460-836508/4	10.0	82.737041	1000.0	41227.0	8.273704	Y
3	STD5 460-836508/5	50.0	332.316841	1000.0	39351.0	6.646337	Y
4	STD20 460-836508/6	200.0	1490.227862	1000.0	43184.0	7.451139	Y
5	STD50 460-836508/7	500.0	3194.920178	1000.0	43033.0	6.38984	Y
6	STD200 460-836508/8	2000.0	13090.126258	1000.0	51561.0	6.545063	Y
7	STD500 460-836508/9	5000.0	31195.365078	1000.0	51263.0	6.239073	Y



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

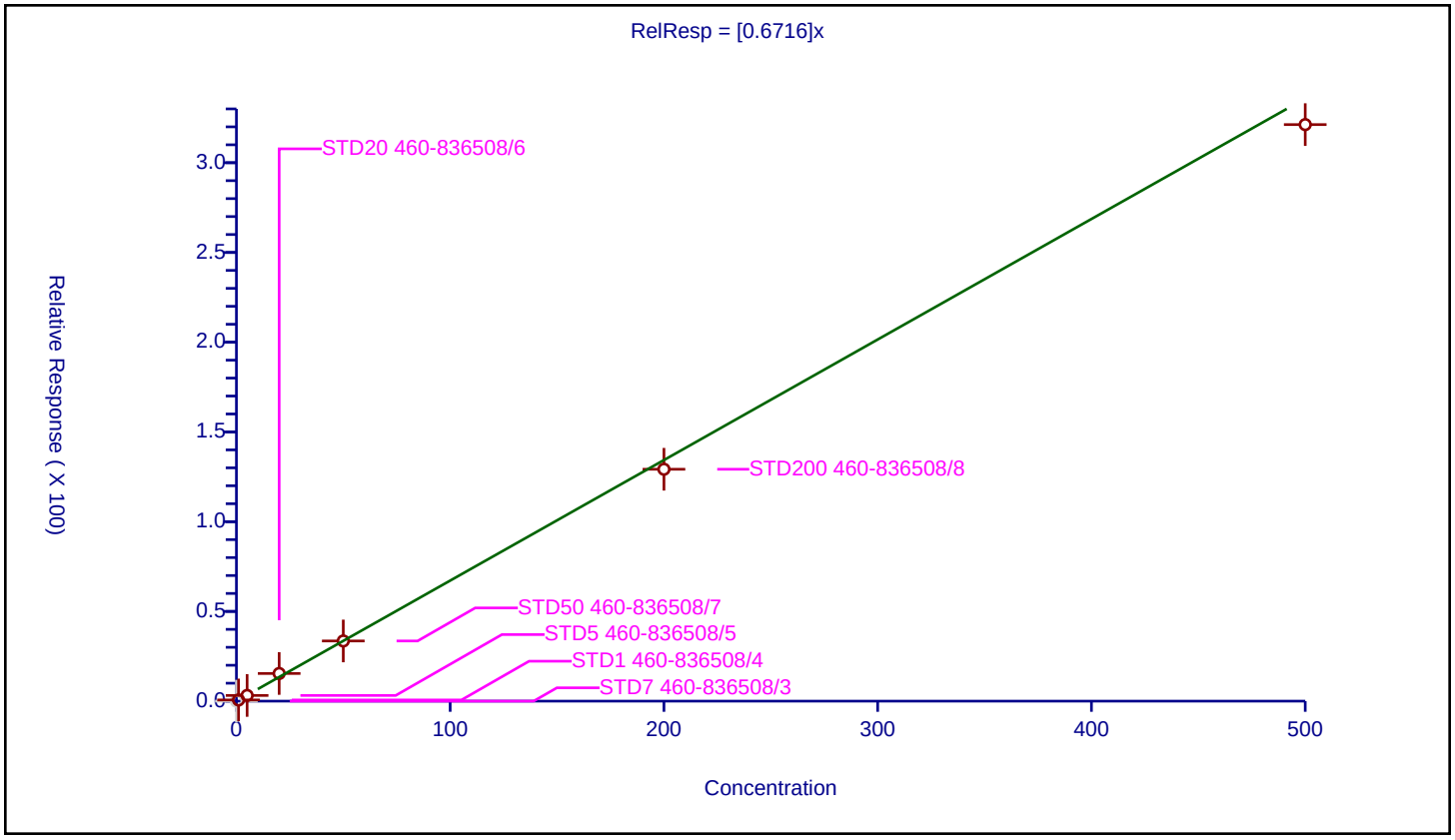
Curve Coefficients

Intercept:	0
Slope:	0.6716

Error Coefficients

Standard Error:	2080000
Relative Standard Error:	7.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.665549	50.0	568102.0	0.665549	Y
3	STD5 460-836508/5	5.0	3.170444	50.0	598607.0	0.634089	Y
4	STD20 460-836508/6	20.0	15.417516	50.0	580888.0	0.770876	Y
5	STD50 460-836508/7	50.0	33.535016	50.0	578218.0	0.6707	Y
6	STD200 460-836508/8	200.0	129.215059	50.0	707505.0	0.646075	Y
7	STD500 460-836508/9	500.0	321.247381	50.0	662404.0	0.642495	Y



Calibration / trans-1,2-Dichloroethene

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

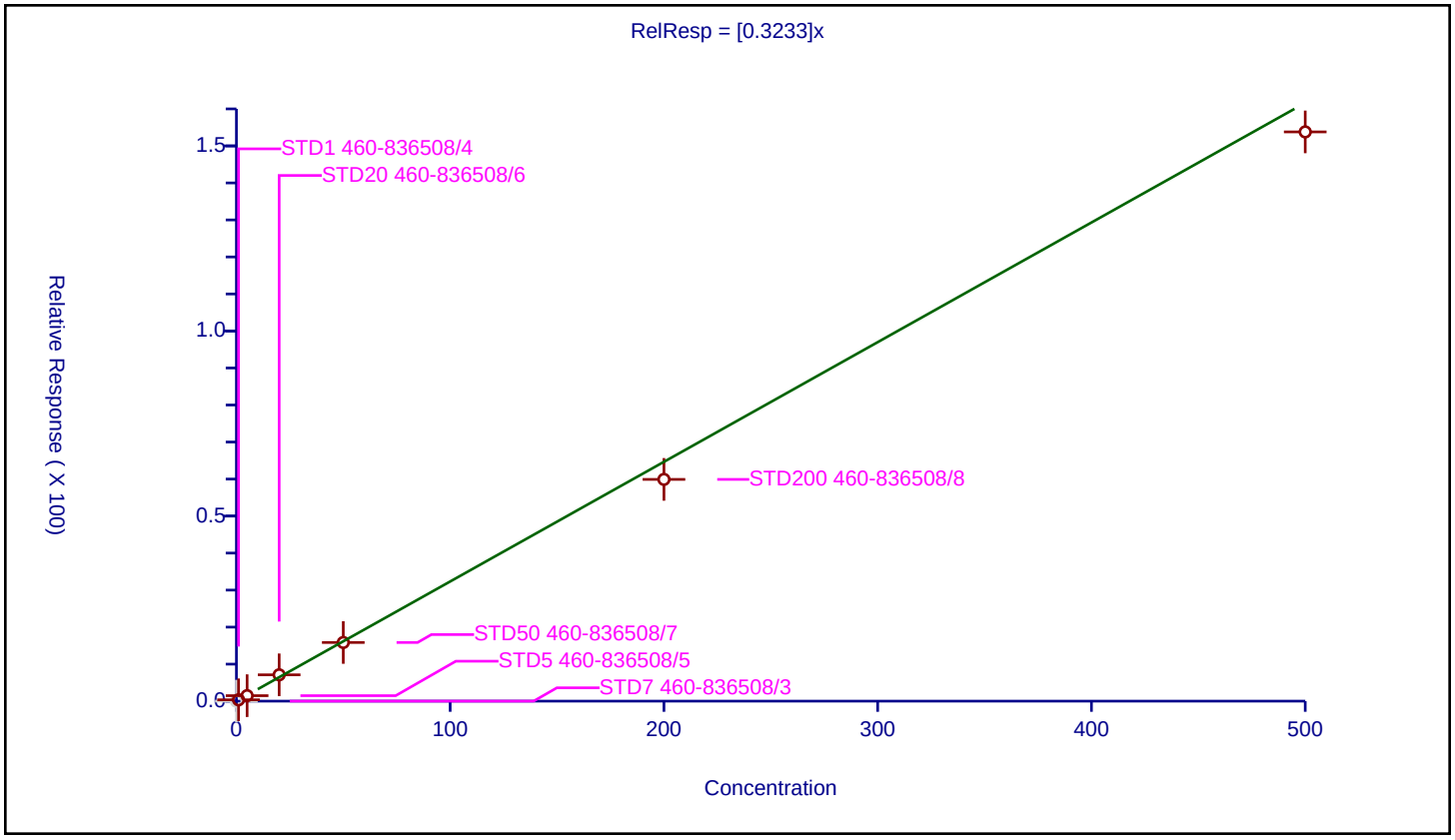
Curve Coefficients

Intercept:	0
Slope:	0.3233

Error Coefficients

Standard Error:	991000
Relative Standard Error:	9.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.364283	50.0	568102.0	0.364283	Y
3	STD5 460-836508/5	5.0	1.478934	50.0	598607.0	0.295787	Y
4	STD20 460-836508/6	20.0	7.109202	50.0	580888.0	0.35546	Y
5	STD50 460-836508/7	50.0	15.847397	50.0	578218.0	0.316948	Y
6	STD200 460-836508/8	200.0	59.905584	50.0	707505.0	0.299528	Y
7	STD500 460-836508/9	500.0	153.780699	50.0	662404.0	0.307561	Y



Calibration / Acrylonitrile

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

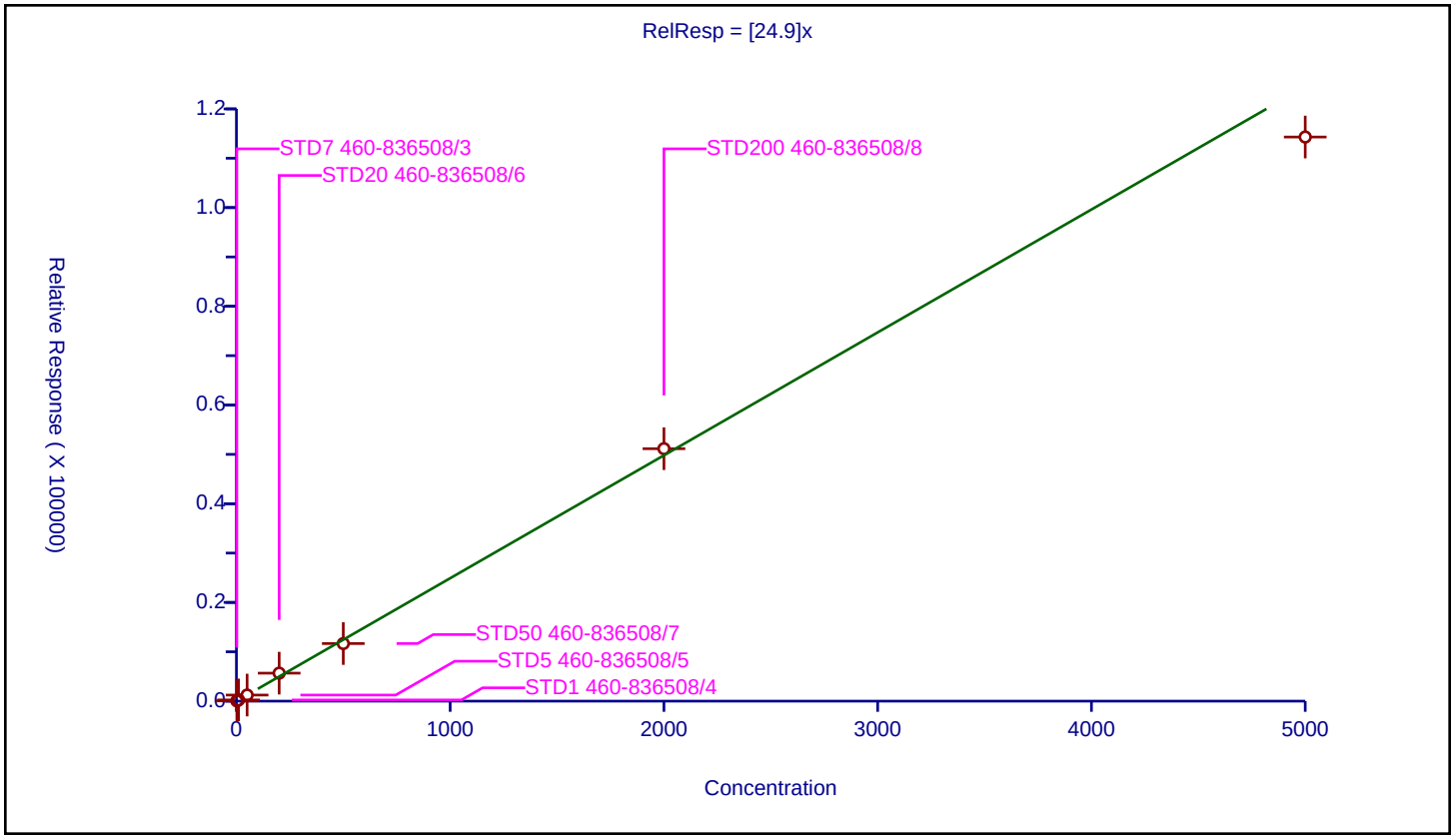
Curve Coefficients

Intercept:	0
Slope:	24.9

Error Coefficients

Standard Error:	2580000
Relative Standard Error:	7.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	2.0	50.50336	1000.0	35859.0	25.25168	Y
2	STD1 460-836508/4	10.0	242.753535	1000.0	41227.0	24.275354	Y
3	STD5 460-836508/5	50.0	1233.488348	1000.0	39351.0	24.669767	Y
4	STD20 460-836508/6	200.0	5670.850315	1000.0	43184.0	28.354252	Y
5	STD50 460-836508/7	500.0	11668.347547	1000.0	43033.0	23.336695	Y
6	STD200 460-836508/8	2000.0	51152.033514	1000.0	51561.0	25.576017	Y
7	STD500 460-836508/9	5000.0	114302.518386	1000.0	51263.0	22.860504	Y



Calibration / Hexane

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

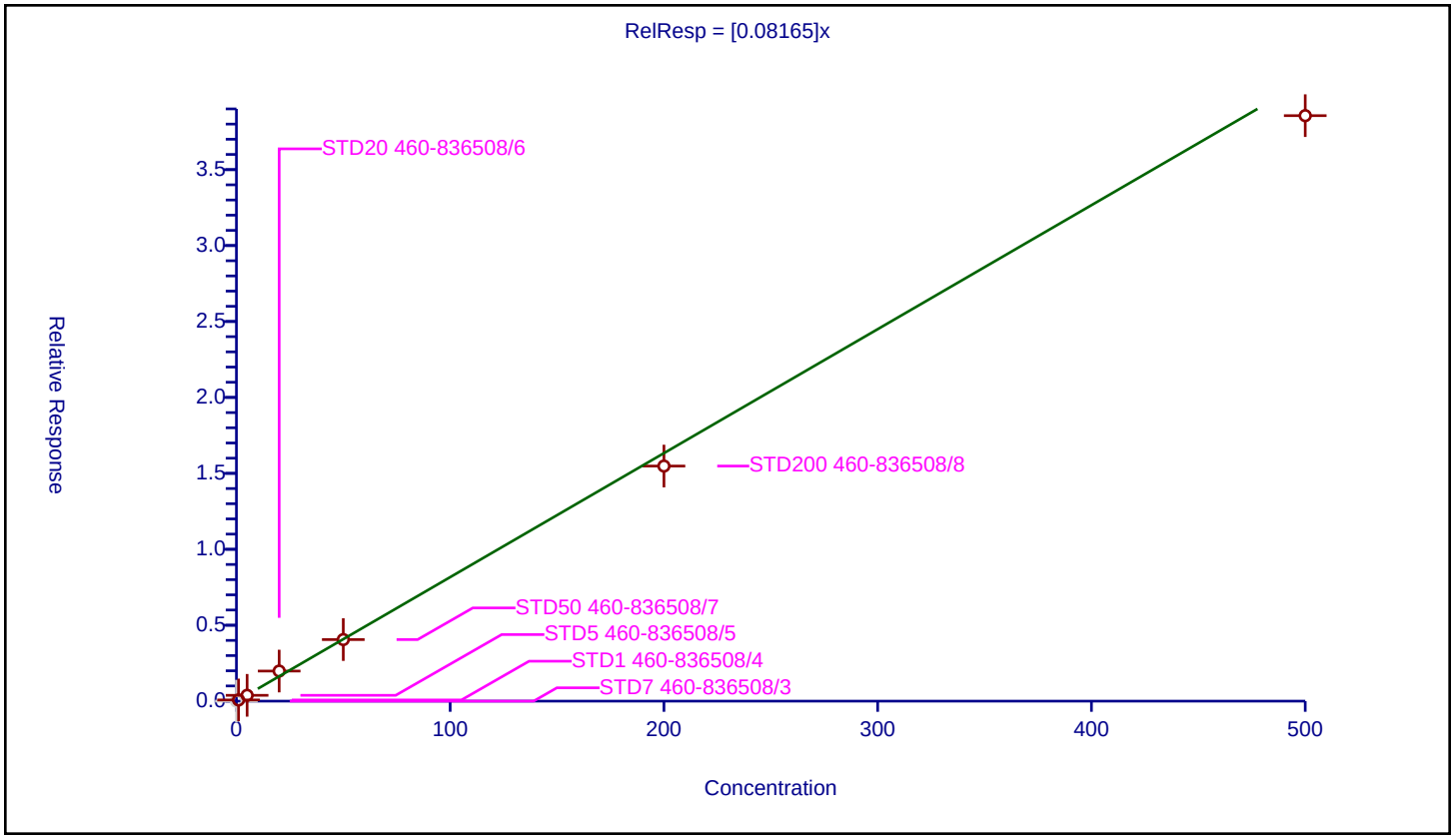
Curve Coefficients

Intercept:	0
Slope:	0.08165

Error Coefficients

Standard Error:	250000
Relative Standard Error:	10.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.078595	50.0	568102.0	0.078595	Y
3	STD5 460-836508/5	5.0	0.38314	50.0	598607.0	0.076628	Y
4	STD20 460-836508/6	20.0	1.981535	50.0	580888.0	0.099077	Y
5	STD50 460-836508/7	50.0	4.053748	50.0	578218.0	0.081075	Y
6	STD200 460-836508/8	200.0	15.480315	50.0	707505.0	0.077402	Y
7	STD500 460-836508/9	500.0	38.55404	50.0	662404.0	0.077108	Y



Calibration / Isopropyl ether

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

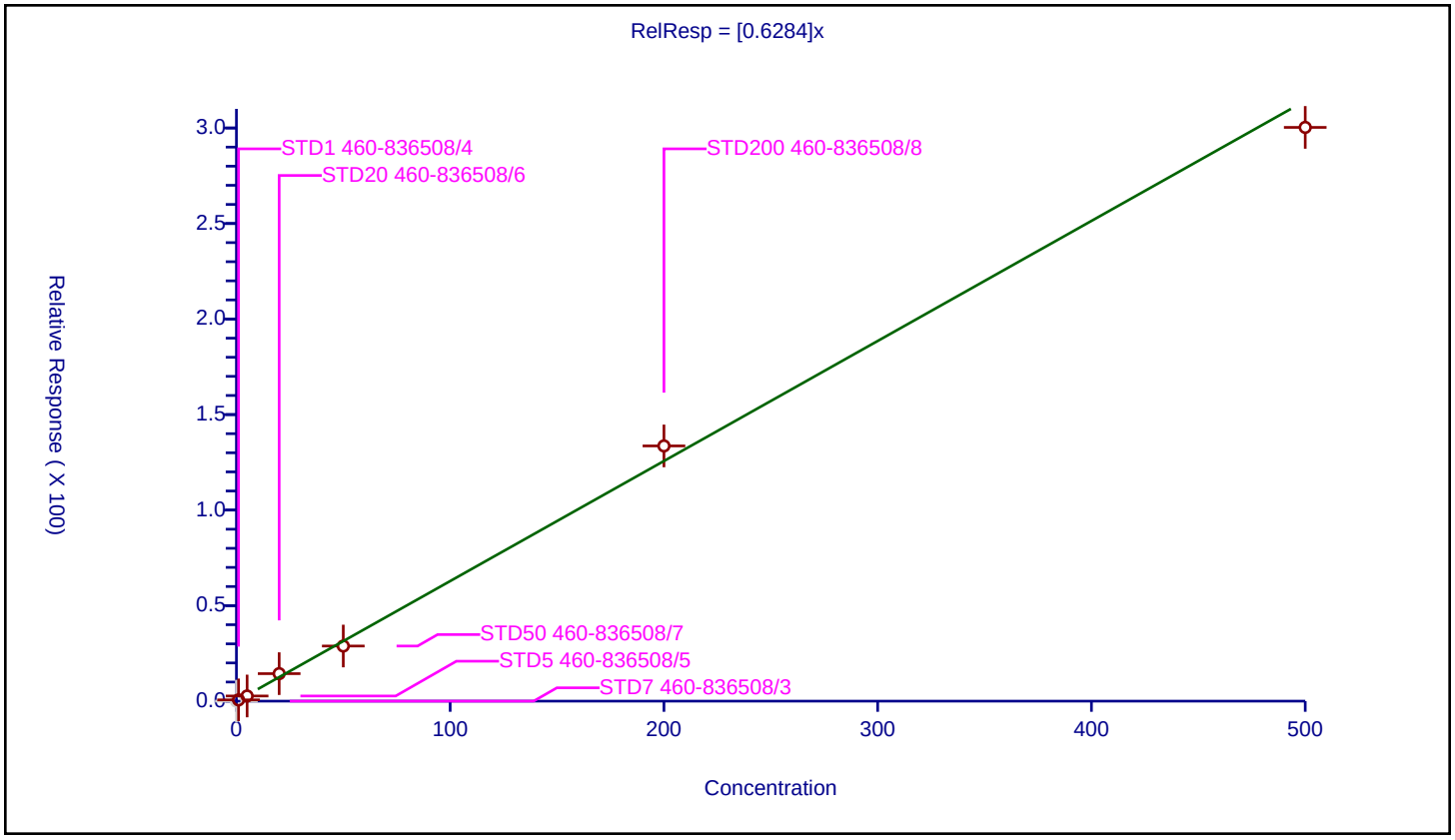
Curve Coefficients

Intercept:	0
Slope:	0.6284

Error Coefficients

Standard Error:	1980000
Relative Standard Error:	10.7
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.664845	50.0	568102.0	0.664845	Y
3	STD5 460-836508/5	5.0	2.701188	50.0	598607.0	0.540238	Y
4	STD20 460-836508/6	20.0	14.394083	50.0	580888.0	0.719704	Y
5	STD50 460-836508/7	50.0	28.856072	50.0	578218.0	0.577121	Y
6	STD200 460-836508/8	200.0	133.58895	50.0	707505.0	0.667945	Y
7	STD500 460-836508/9	500.0	300.304421	50.0	662404.0	0.600609	Y



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

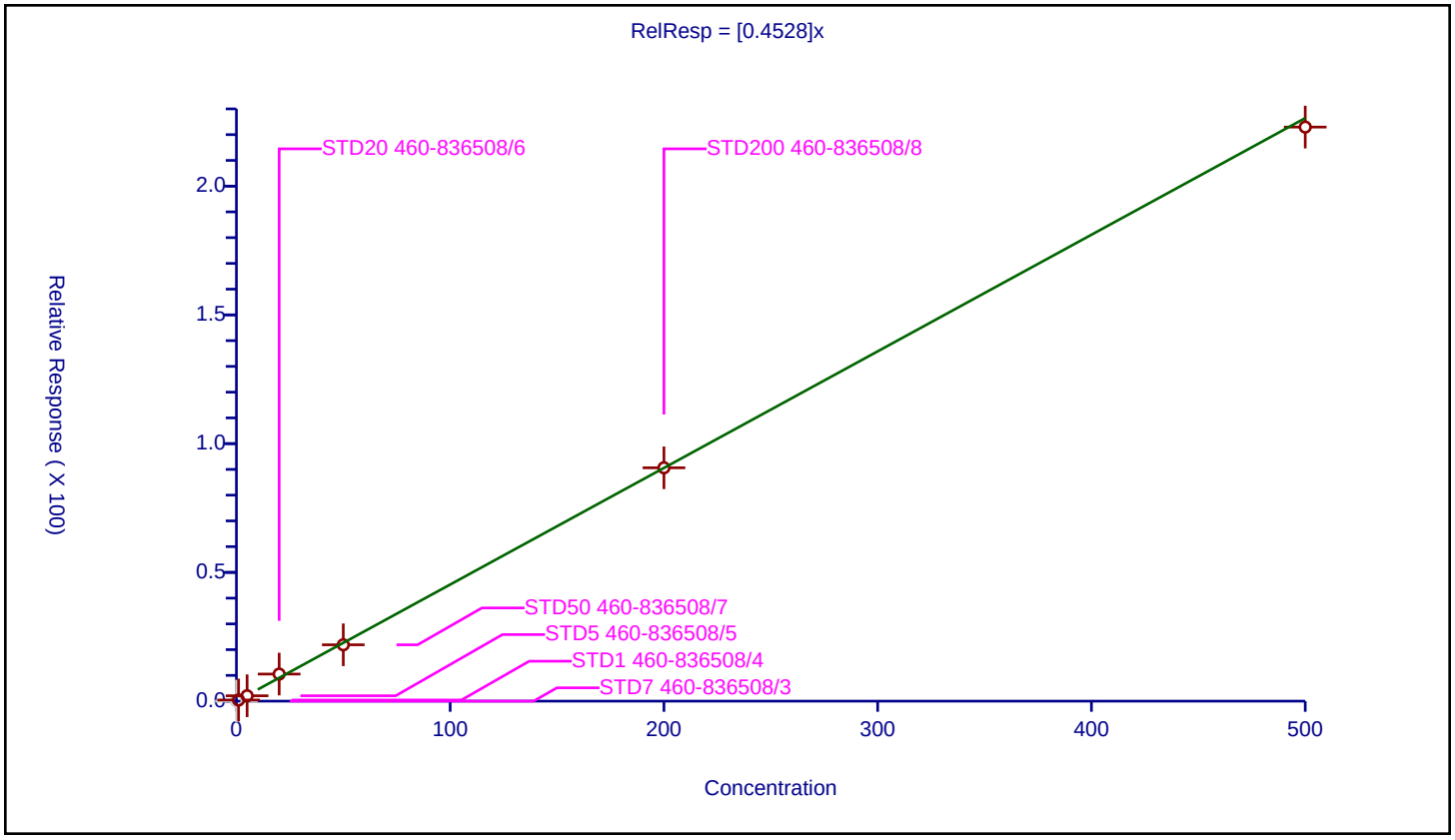
Curve Coefficients

Intercept:	0
Slope:	0.4528

Error Coefficients

Standard Error:	1450000
Relative Standard Error:	8.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.436981	50.0	568102.0	0.436981	Y
3	STD5 460-836508/5	5.0	2.088766	50.0	598607.0	0.417753	Y
4	STD20 460-836508/6	20.0	10.510029	50.0	580888.0	0.525501	Y
5	STD50 460-836508/7	50.0	21.882058	50.0	578218.0	0.437641	Y
6	STD200 460-836508/8	200.0	90.624589	50.0	707505.0	0.453123	Y
7	STD500 460-836508/9	500.0	222.936833	50.0	662404.0	0.445874	Y



Calibration / Vinyl acetate

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

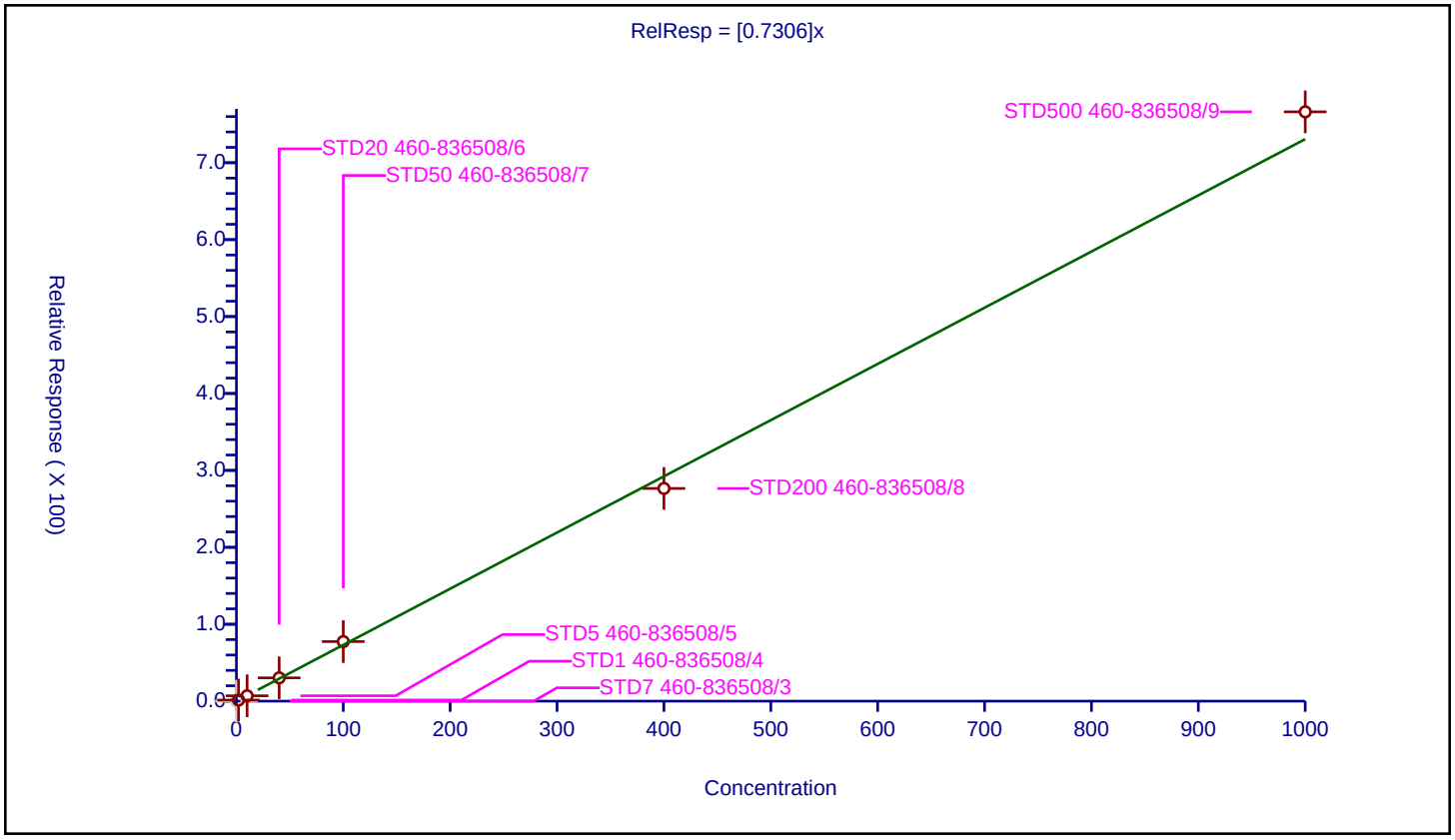
Curve Coefficients

Intercept:	0
Slope:	0.7306

Error Coefficients

Standard Error:	411000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	250.0	198483.0	NaN	N
2	STD1 460-836508/4	2.0	1.394783	250.0	255416.0	0.697392	Y
3	STD5 460-836508/5	10.0	6.976713	250.0	222096.0	0.697671	Y
4	STD20 460-836508/6	40.0	30.277473	250.0	259665.0	0.756937	Y
5	STD50 460-836508/7	100.0	77.438623	250.0	221908.0	0.774386	Y
6	STD200 460-836508/8	400.0	276.532127	250.0	316635.0	0.69133	Y
7	STD500 460-836508/9	1000.0	766.156721	250.0	276108.0	0.766157	Y



Calibration / 2-Chloro-1,3-butadiene

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

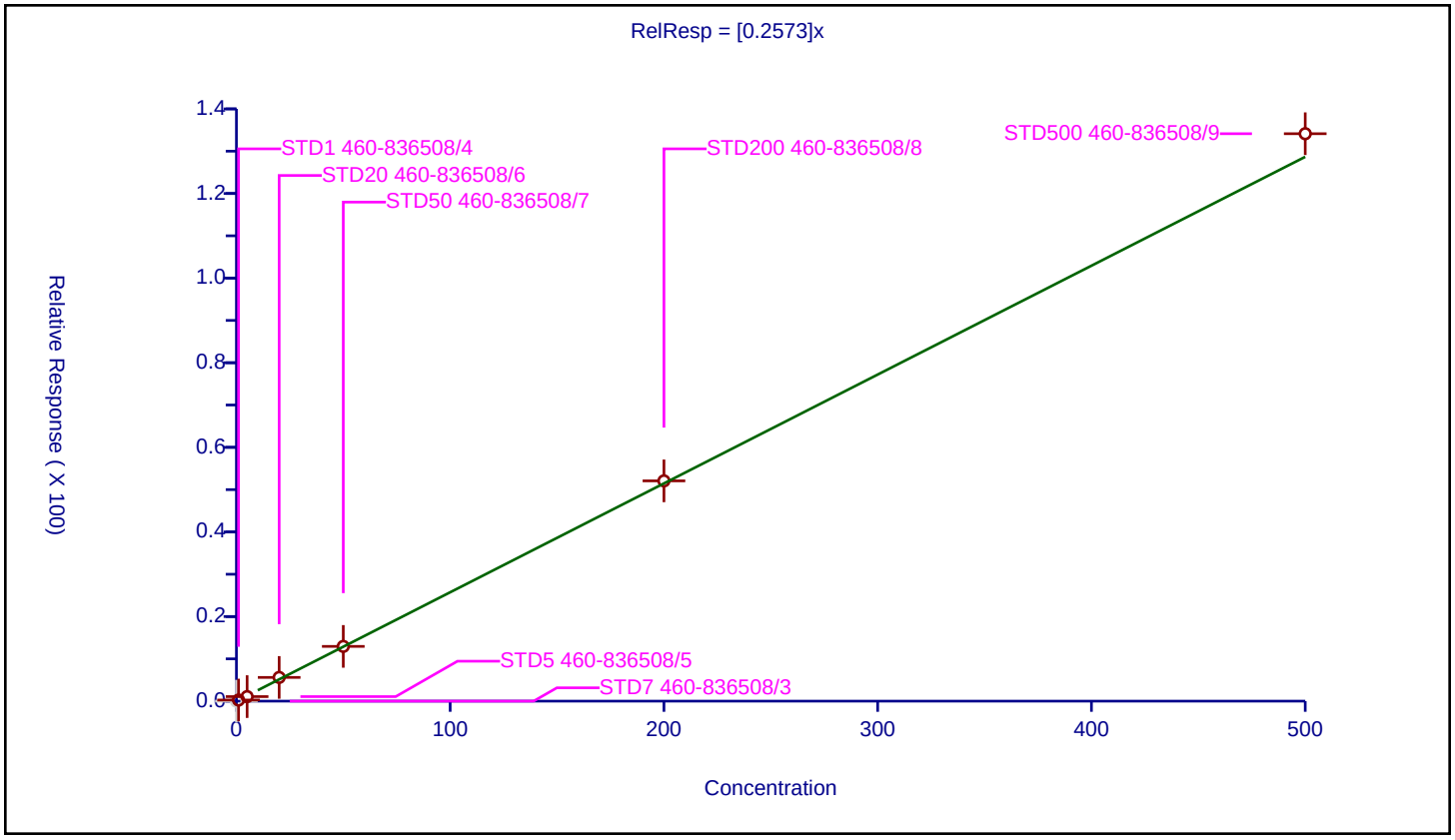
Curve Coefficients

Intercept:	0
Slope:	0.2573

Error Coefficients

Standard Error:	863000
Relative Standard Error:	8.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.261309	50.0	568102.0	0.261309	Y
3	STD5 460-836508/5	5.0	1.073743	50.0	598607.0	0.214749	Y
4	STD20 460-836508/6	20.0	5.608654	50.0	580888.0	0.280433	Y
5	STD50 460-836508/7	50.0	12.943907	50.0	578218.0	0.258878	Y
6	STD200 460-836508/8	200.0	52.069526	50.0	707505.0	0.260348	Y
7	STD500 460-836508/9	500.0	134.133852	50.0	662404.0	0.268268	Y



Calibration / Tert-butyl ethyl ether

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

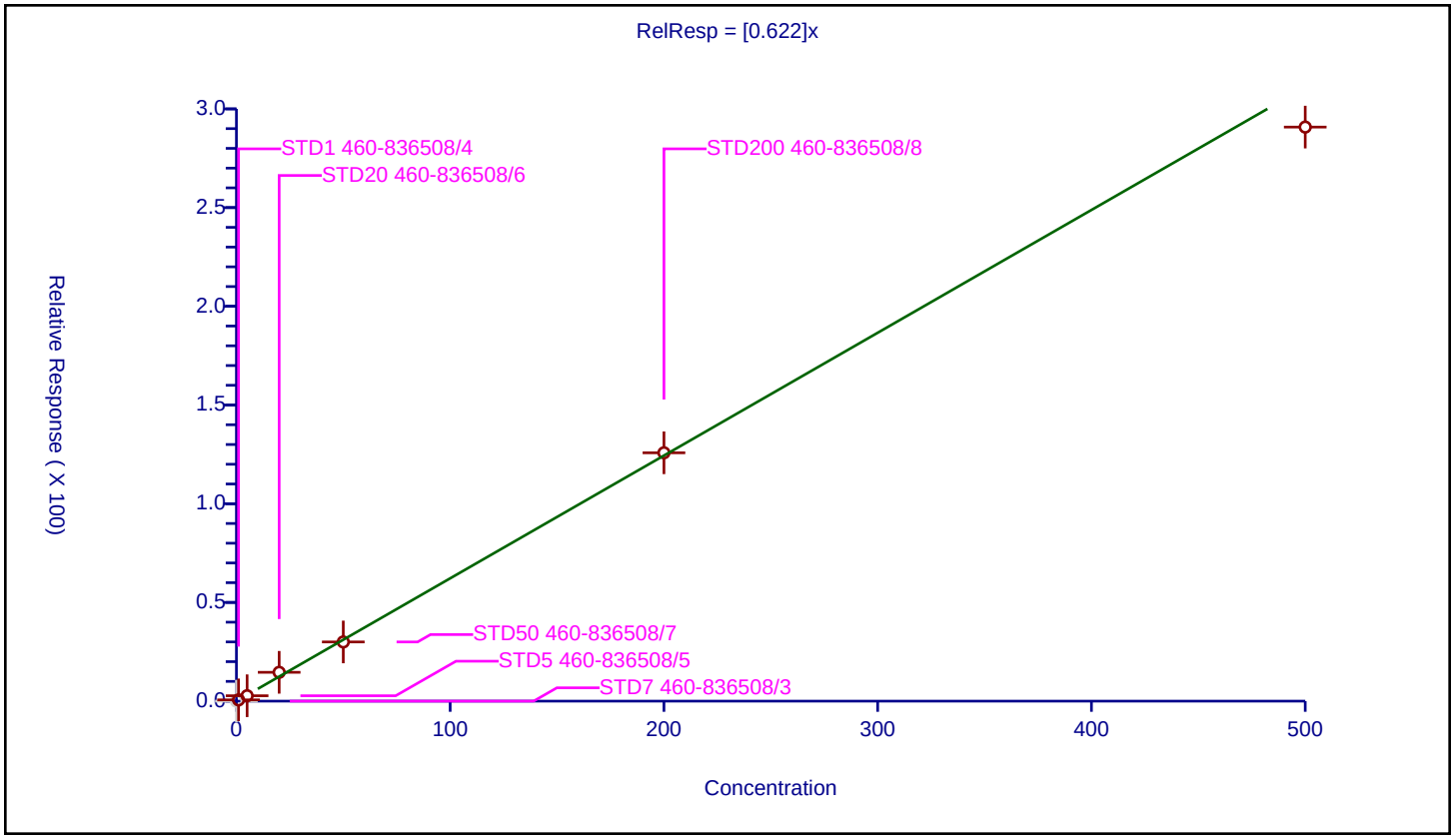
Curve Coefficients

Intercept:	0
Slope:	0.622

Error Coefficients

Standard Error:	1910000
Relative Standard Error:	10.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.645483	50.0	568102.0	0.645483	Y
3	STD5 460-836508/5	5.0	2.72917	50.0	598607.0	0.545834	Y
4	STD20 460-836508/6	20.0	14.60884	50.0	580888.0	0.730442	Y
5	STD50 460-836508/7	50.0	29.98082	50.0	578218.0	0.599616	Y
6	STD200 460-836508/8	200.0	125.801867	50.0	707505.0	0.629009	Y
7	STD500 460-836508/9	500.0	290.780098	50.0	662404.0	0.58156	Y



Calibration / 2,2-Dichloropropane

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

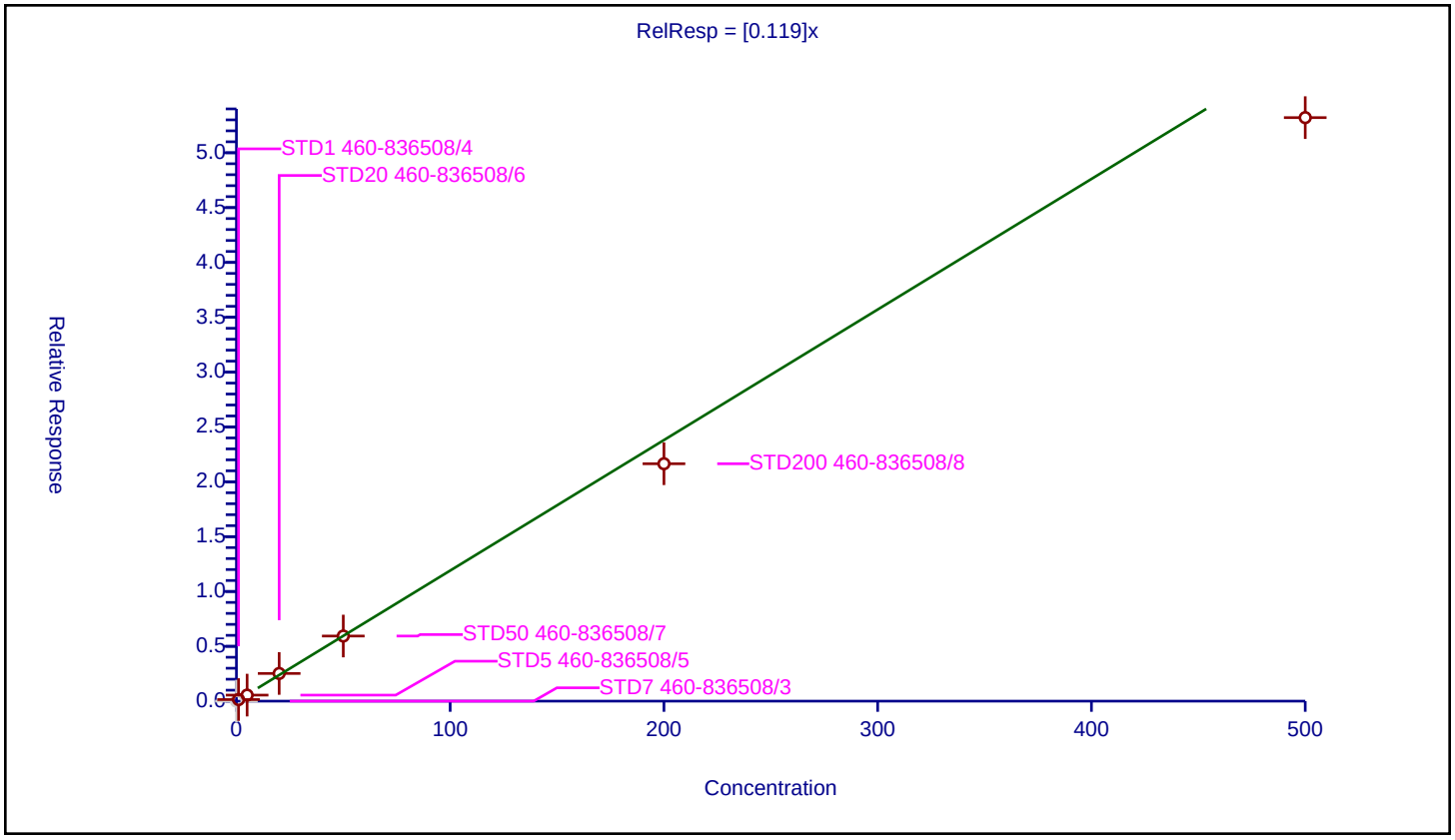
Curve Coefficients

Intercept:	0
Slope:	0.119

Error Coefficients

Standard Error:	345000
Relative Standard Error:	12.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.14478	50.0	568102.0	0.14478	Y
3	STD5 460-836508/5	5.0	0.549025	50.0	598607.0	0.109805	Y
4	STD20 460-836508/6	20.0	2.523636	50.0	580888.0	0.126182	Y
5	STD50 460-836508/7	50.0	5.937034	50.0	578218.0	0.118741	Y
6	STD200 460-836508/8	200.0	21.647055	50.0	707505.0	0.108235	Y
7	STD500 460-836508/9	500.0	53.202351	50.0	662404.0	0.106405	Y



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

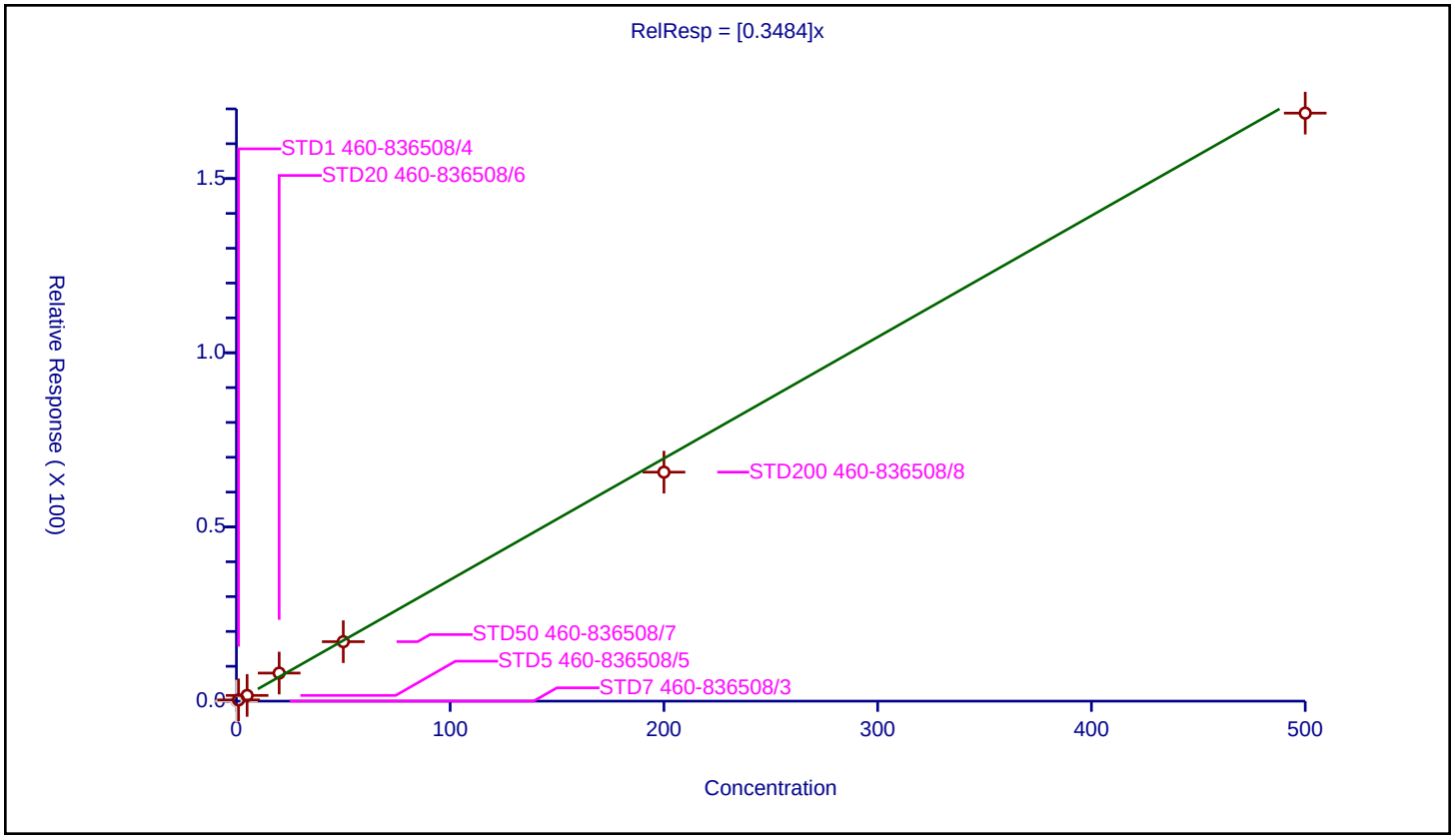
Curve Coefficients

Intercept:	0
Slope:	0.3484

Error Coefficients

Standard Error:	1090000
Relative Standard Error:	8.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.352049	50.0	568102.0	0.352049	Y
3	STD5 460-836508/5	5.0	1.639473	50.0	598607.0	0.327895	Y
4	STD20 460-836508/6	20.0	8.05181	50.0	580888.0	0.402591	Y
5	STD50 460-836508/7	50.0	17.069773	50.0	578218.0	0.341395	Y
6	STD200 460-836508/8	200.0	65.728299	50.0	707505.0	0.328641	Y
7	STD500 460-836508/9	500.0	168.782042	50.0	662404.0	0.337564	Y



Calibration / 2-Butanone (MEK)

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

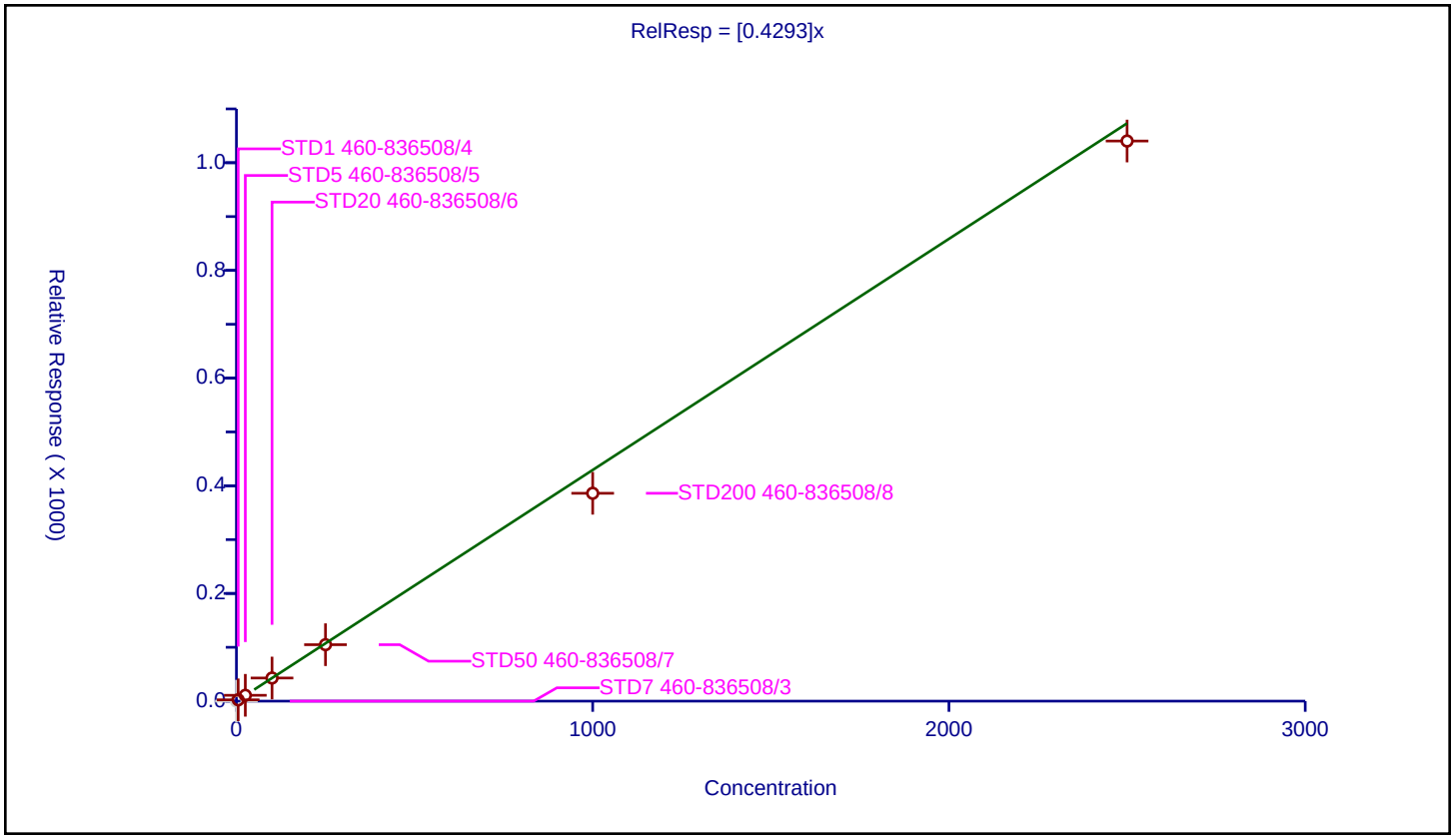
Curve Coefficients

Intercept:	0
Slope:	0.4293

Error Coefficients

Standard Error:	560000
Relative Standard Error:	8.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	250.0	198483.0	NaN	N
2	STD1 460-836508/4	5.0	2.45384	250.0	255416.0	0.490768	Y
3	STD5 460-836508/5	25.0	10.841033	250.0	222096.0	0.433641	Y
4	STD20 460-836508/6	100.0	42.965937	250.0	259665.0	0.429659	Y
5	STD50 460-836508/7	250.0	104.871163	250.0	221908.0	0.419485	Y
6	STD200 460-836508/8	1000.0	386.055711	250.0	316635.0	0.386056	Y
7	STD500 460-836508/9	2500.0	1040.32299	250.0	276108.0	0.416129	Y



Calibration / Ethyl acetate

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

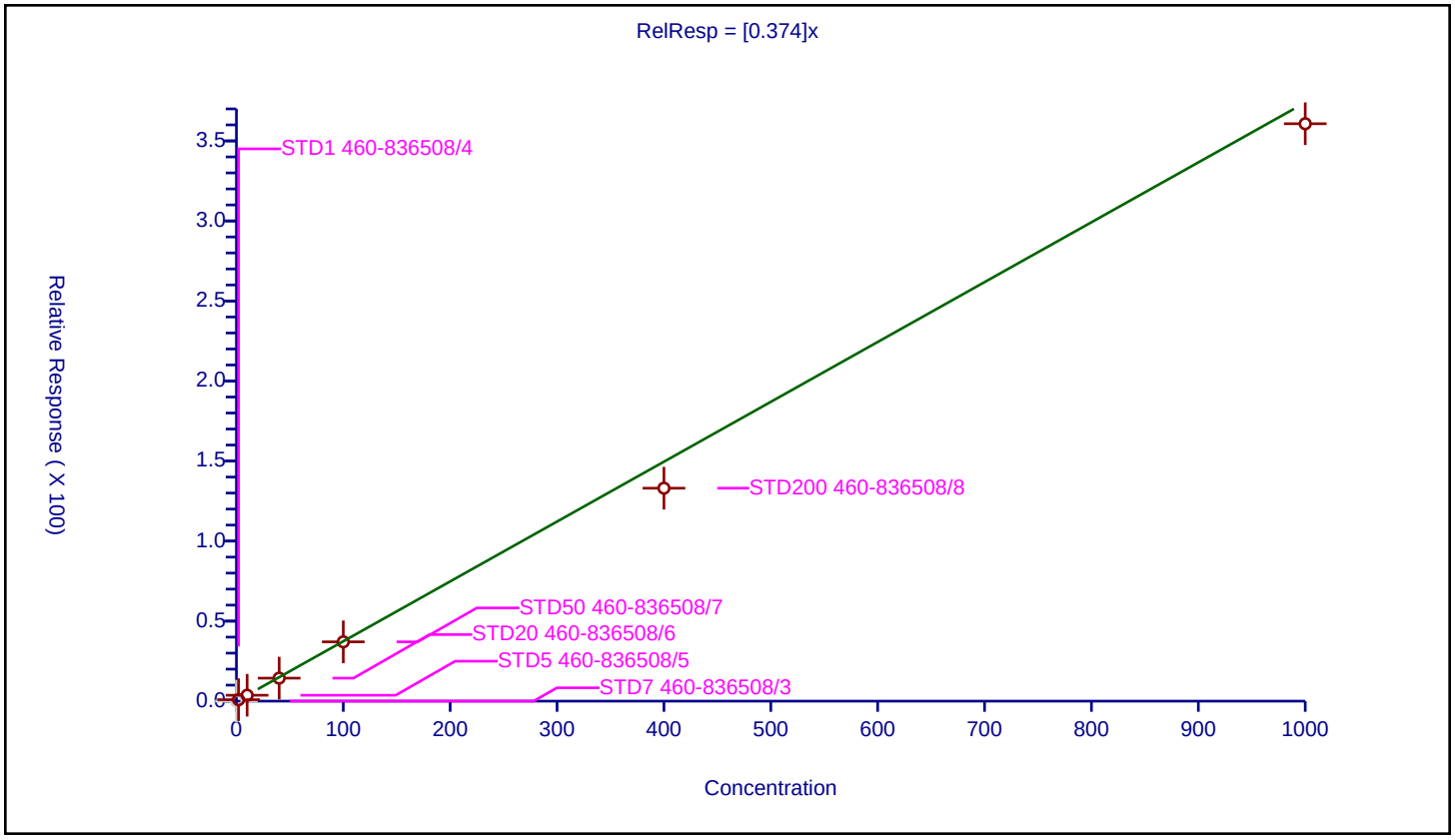
Curve Coefficients

Intercept:	0
Slope:	0.374

Error Coefficients

Standard Error:	194000
Relative Standard Error:	10.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	250.0	198483.0	NaN	N
2	STD1 460-836508/4	2.0	0.905386	250.0	255416.0	0.452693	Y
3	STD5 460-836508/5	10.0	3.683092	250.0	222096.0	0.368309	Y
4	STD20 460-836508/6	40.0	14.359848	250.0	259665.0	0.358996	Y
5	STD50 460-836508/7	100.0	37.041251	250.0	221908.0	0.370413	Y
6	STD200 460-836508/8	400.0	133.047515	250.0	316635.0	0.332619	Y
7	STD500 460-836508/9	1000.0	360.7266	250.0	276108.0	0.360727	Y



Calibration / Methyl acrylate

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

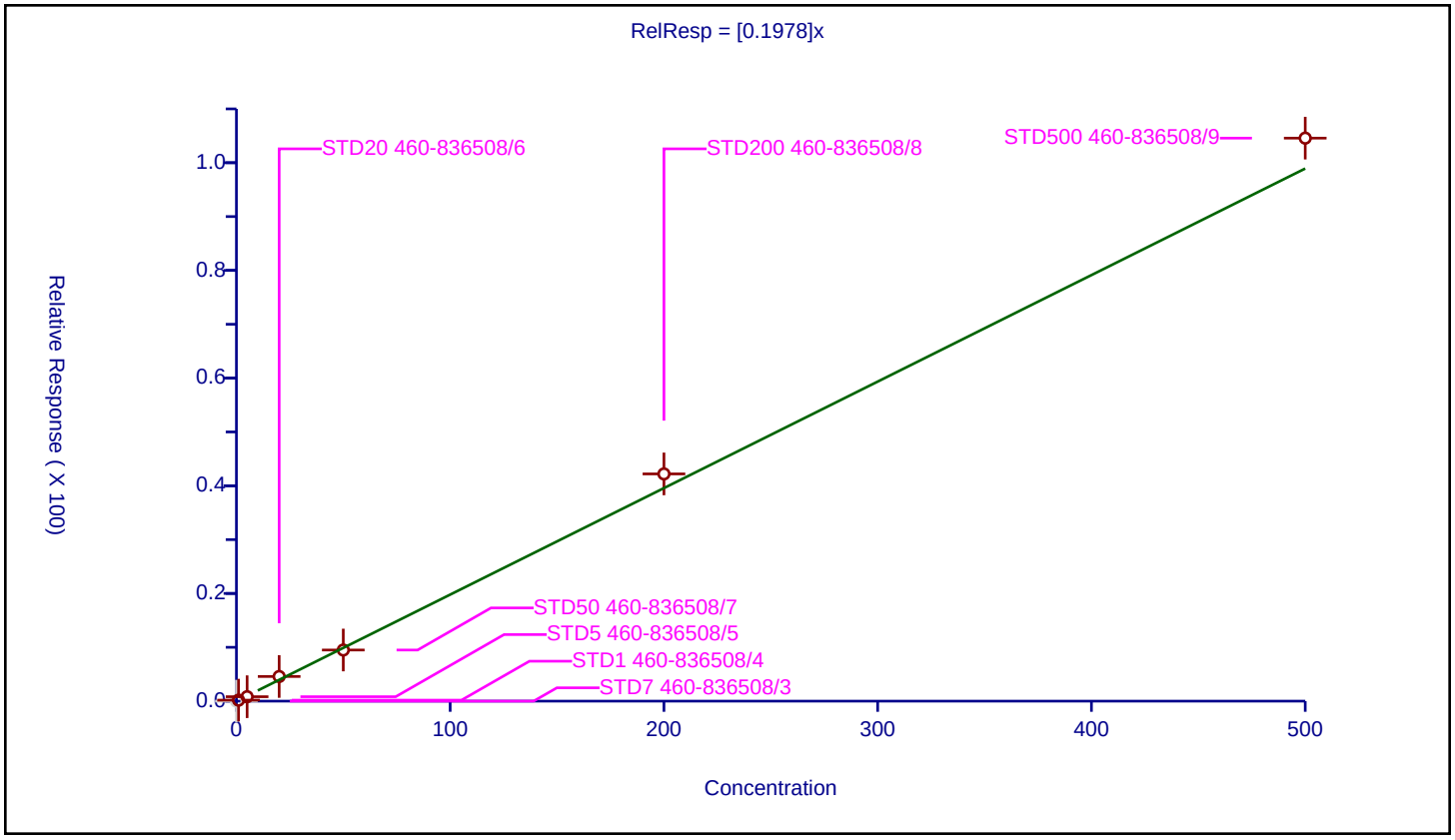
Curve Coefficients

Intercept:	0
Slope:	0.1978

Error Coefficients

Standard Error:	677000
Relative Standard Error:	11.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.183242	50.0	568102.0	0.183242	Y
3	STD5 460-836508/5	5.0	0.824247	50.0	598607.0	0.164849	Y
4	STD20 460-836508/6	20.0	4.576183	50.0	580888.0	0.228809	Y
5	STD50 460-836508/7	50.0	9.497629	50.0	578218.0	0.189953	Y
6	STD200 460-836508/8	200.0	42.204437	50.0	707505.0	0.211022	Y
7	STD500 460-836508/9	500.0	104.568134	50.0	662404.0	0.209136	Y



Calibration / Propionitrile

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

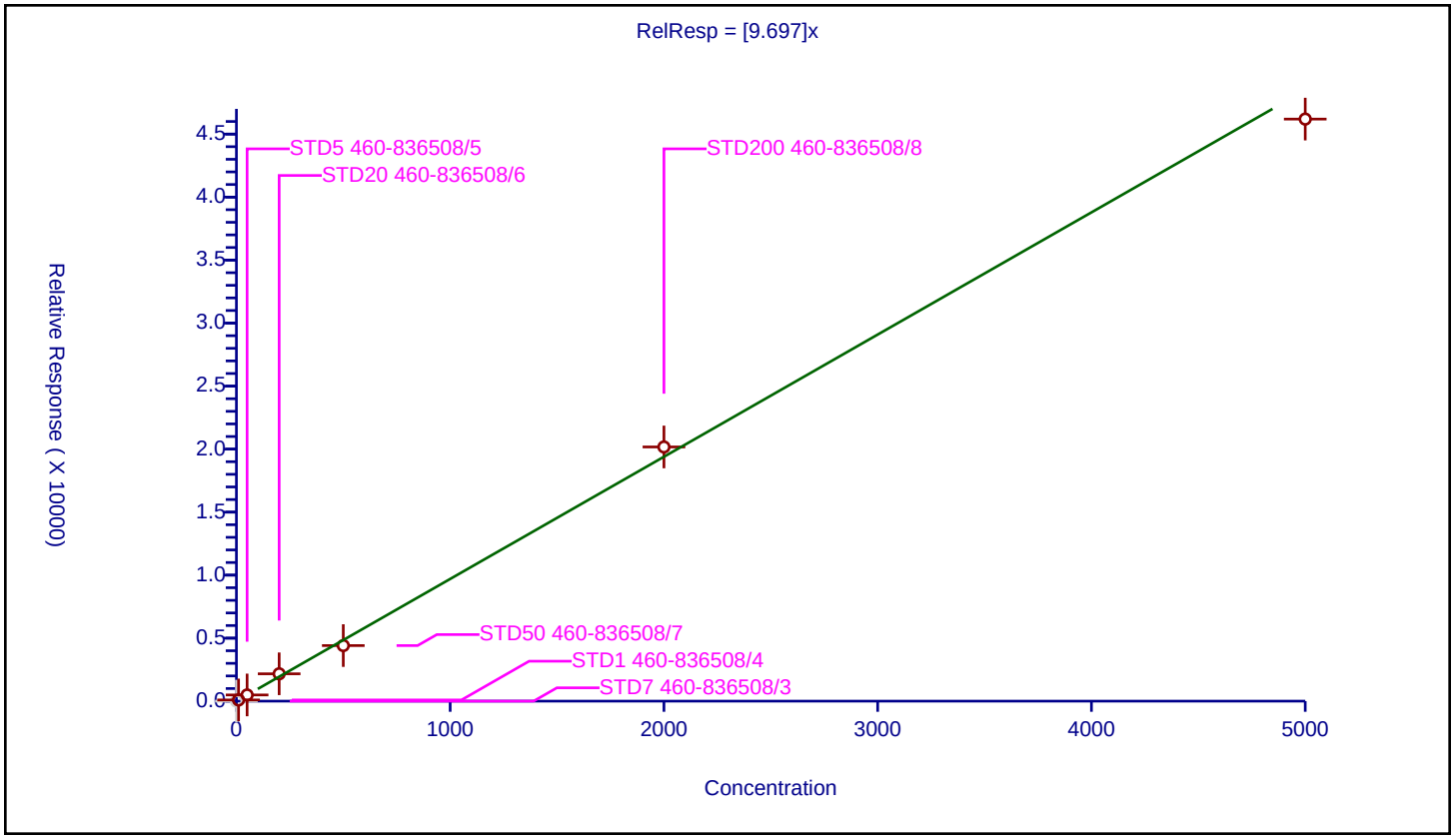
Curve Coefficients

Intercept:	0
Slope:	9.697

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	7.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	1000.0	35859.0	NaN	N
2	STD1 460-836508/4	10.0	93.749242	1000.0	41227.0	9.374924	Y
3	STD5 460-836508/5	50.0	490.838861	1000.0	39351.0	9.816777	Y
4	STD20 460-836508/6	200.0	2169.275658	1000.0	43184.0	10.846378	Y
5	STD50 460-836508/7	500.0	4409.429972	1000.0	43033.0	8.81886	Y
6	STD200 460-836508/8	2000.0	20170.691026	1000.0	51561.0	10.085346	Y
7	STD500 460-836508/9	5000.0	46190.839397	1000.0	51263.0	9.238168	Y



Calibration / Tetrahydrofuran

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

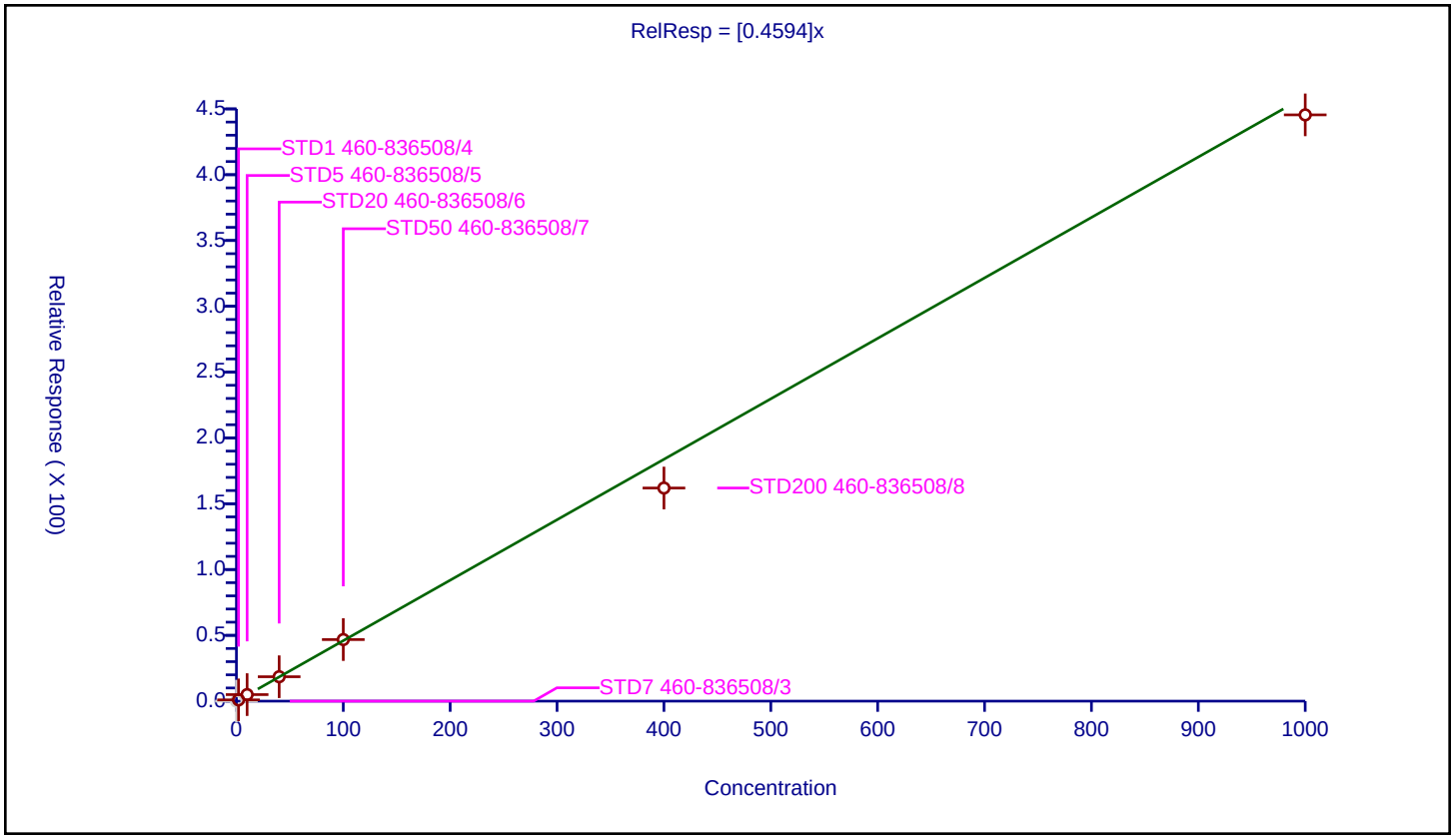
Curve Coefficients

Intercept:	0
Slope:	0.4594

Error Coefficients

Standard Error:	239000
Relative Standard Error:	6.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	250.0	198483.0	NaN	N
2	STD1 460-836508/4	2.0	0.956283	250.0	255416.0	0.478142	Y
3	STD5 460-836508/5	10.0	4.962944	250.0	222096.0	0.496294	Y
4	STD20 460-836508/6	40.0	18.551788	250.0	259665.0	0.463795	Y
5	STD50 460-836508/7	100.0	46.784028	250.0	221908.0	0.46784	Y
6	STD200 460-836508/8	400.0	161.93093	250.0	316635.0	0.404827	Y
7	STD500 460-836508/9	1000.0	445.459748	250.0	276108.0	0.44546	Y



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

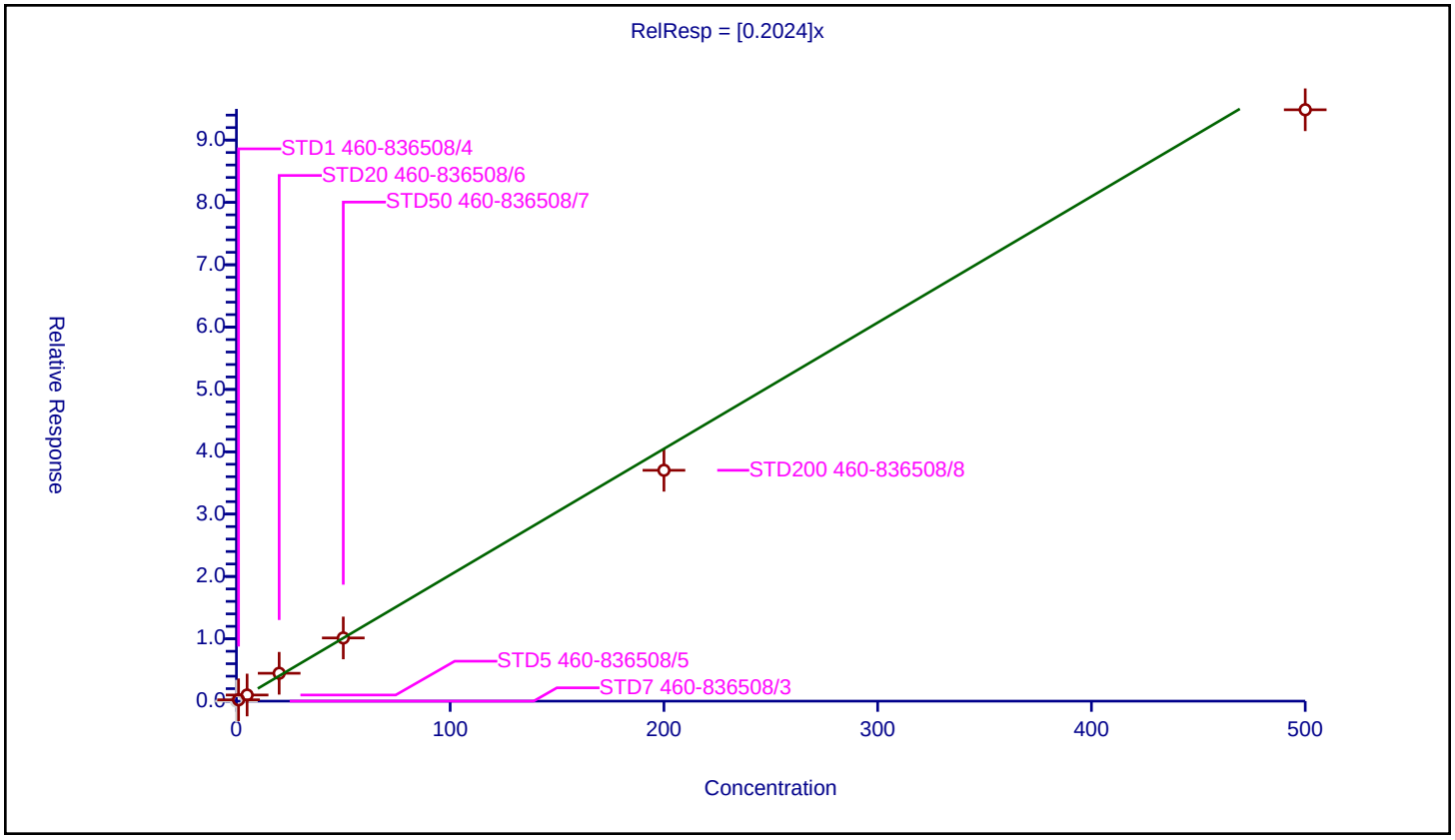
Curve Coefficients

Intercept:	0
Slope:	0.2024

Error Coefficients

Standard Error:	612000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.21607	50.0	568102.0	0.21607	Y
3	STD5 460-836508/5	5.0	0.985789	50.0	598607.0	0.197158	Y
4	STD20 460-836508/6	20.0	4.469708	50.0	580888.0	0.223485	Y
5	STD50 460-836508/7	50.0	10.133894	50.0	578218.0	0.202678	Y
6	STD200 460-836508/8	200.0	37.031258	50.0	707505.0	0.185156	Y
7	STD500 460-836508/9	500.0	94.859482	50.0	662404.0	0.189719	Y



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

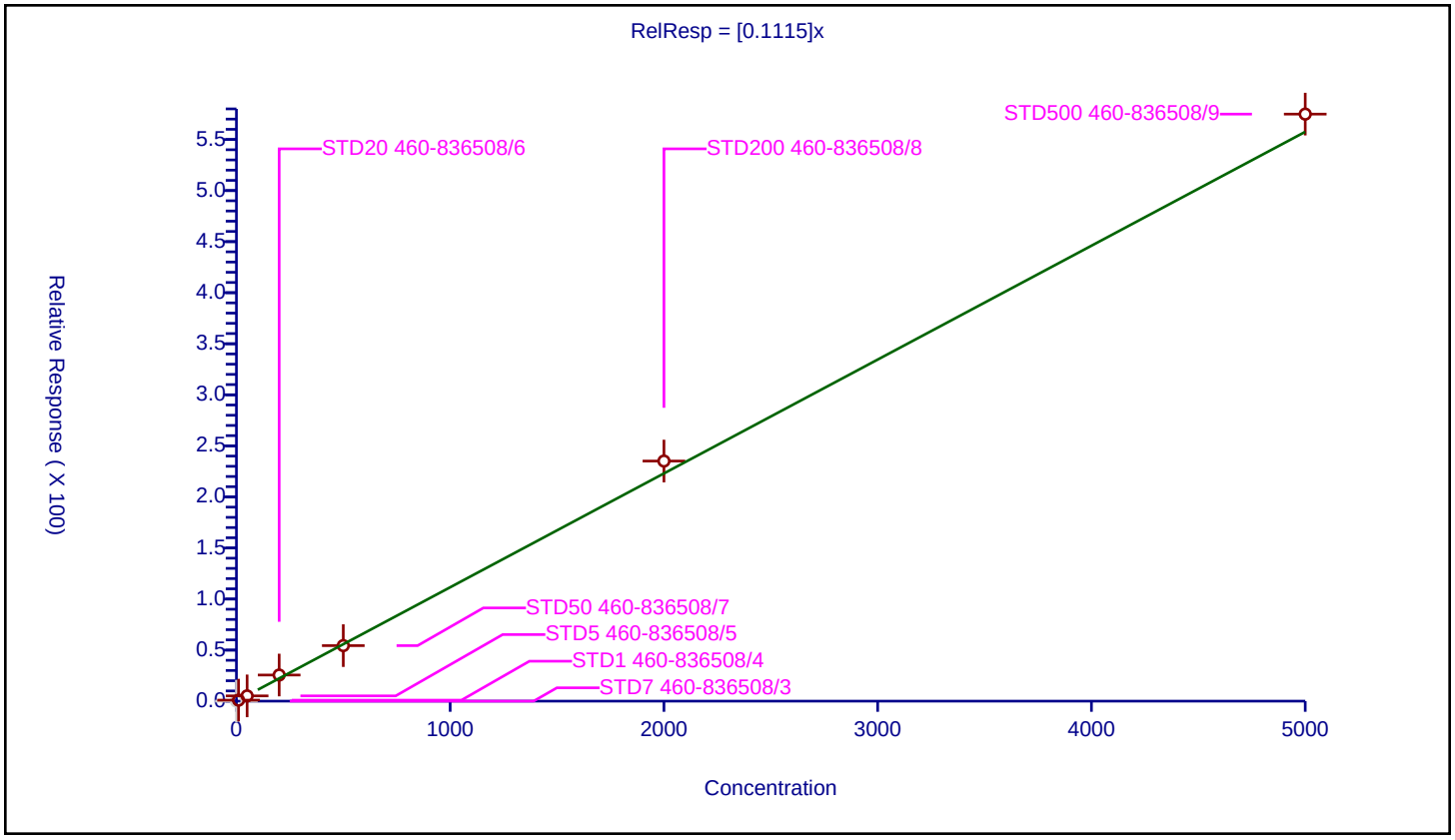
Curve Coefficients

Intercept:	0
Slope:	0.1115

Error Coefficients

Standard Error:	3730000
Relative Standard Error:	9.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	10.0	0.970072	50.0	568102.0	0.097007	Y
3	STD5 460-836508/5	50.0	5.142857	50.0	598607.0	0.102857	Y
4	STD20 460-836508/6	200.0	25.569387	50.0	580888.0	0.127847	Y
5	STD50 460-836508/7	500.0	54.374734	50.0	578218.0	0.108749	Y
6	STD200 460-836508/8	2000.0	235.13961	50.0	707505.0	0.11757	Y
7	STD500 460-836508/9	5000.0	574.881039	50.0	662404.0	0.114976	Y



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

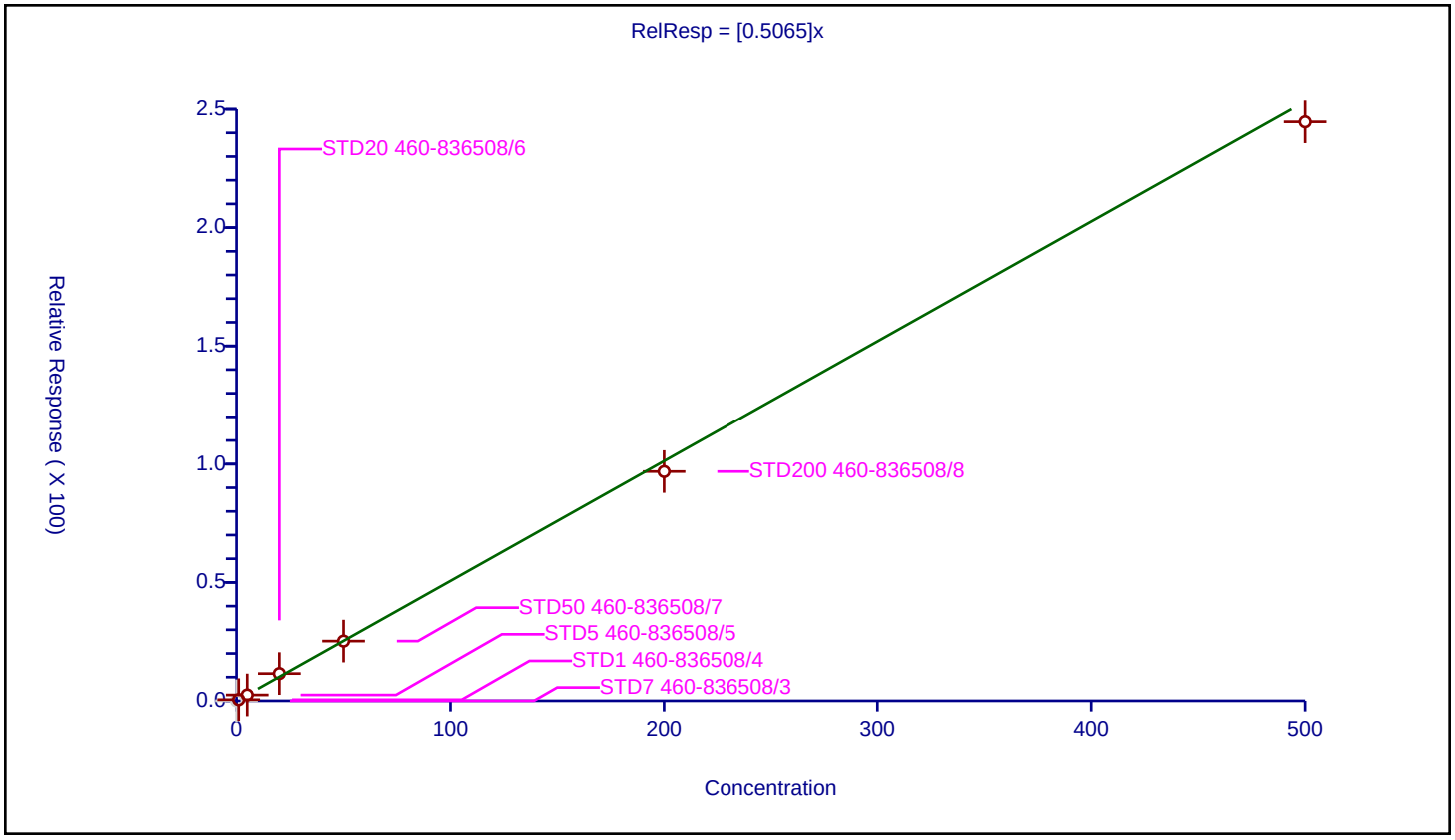
Curve Coefficients

Intercept:	0
Slope:	0.5065

Error Coefficients

Standard Error:	1580000
Relative Standard Error:	6.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.488909	50.0	568102.0	0.488909	Y
3	STD5 460-836508/5	5.0	2.48101	50.0	598607.0	0.496202	Y
4	STD20 460-836508/6	20.0	11.507038	50.0	580888.0	0.575352	Y
5	STD50 460-836508/7	50.0	25.233649	50.0	578218.0	0.504673	Y
6	STD200 460-836508/8	200.0	96.863556	50.0	707505.0	0.484318	Y
7	STD500 460-836508/9	500.0	244.680361	50.0	662404.0	0.489361	Y



Calibration / Cyclohexane

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

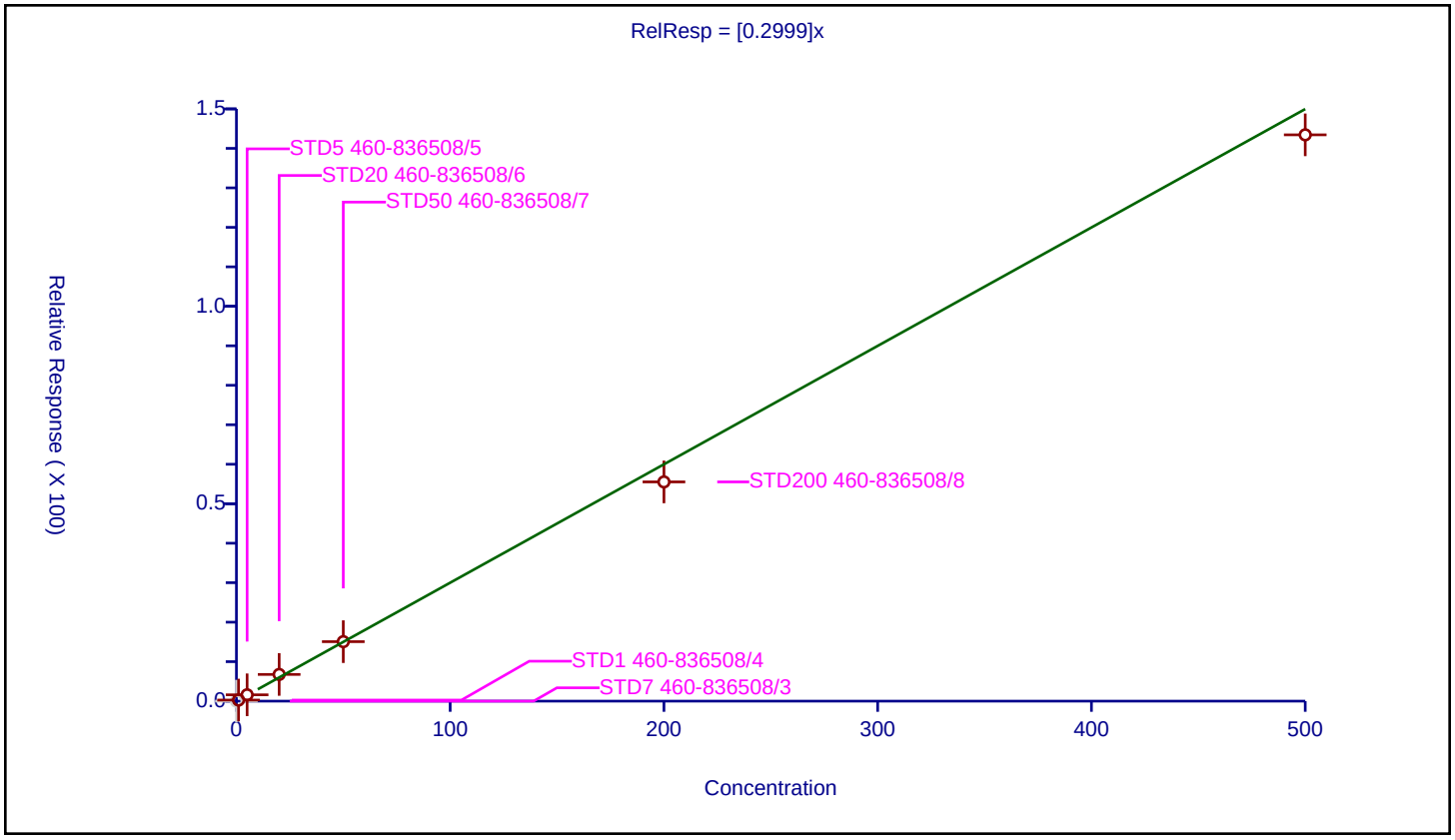
Curve Coefficients

Intercept:	0
Slope:	0.2999

Error Coefficients

Standard Error:	924000
Relative Standard Error:	8.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.274687	50.0	568102.0	0.274687	Y
3	STD5 460-836508/5	5.0	1.60364	50.0	598607.0	0.320728	Y
4	STD20 460-836508/6	20.0	6.764299	50.0	580888.0	0.338215	Y
5	STD50 460-836508/7	50.0	15.068019	50.0	578218.0	0.30136	Y
6	STD200 460-836508/8	200.0	55.524201	50.0	707505.0	0.277621	Y
7	STD500 460-836508/9	500.0	143.431878	50.0	662404.0	0.286864	Y



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

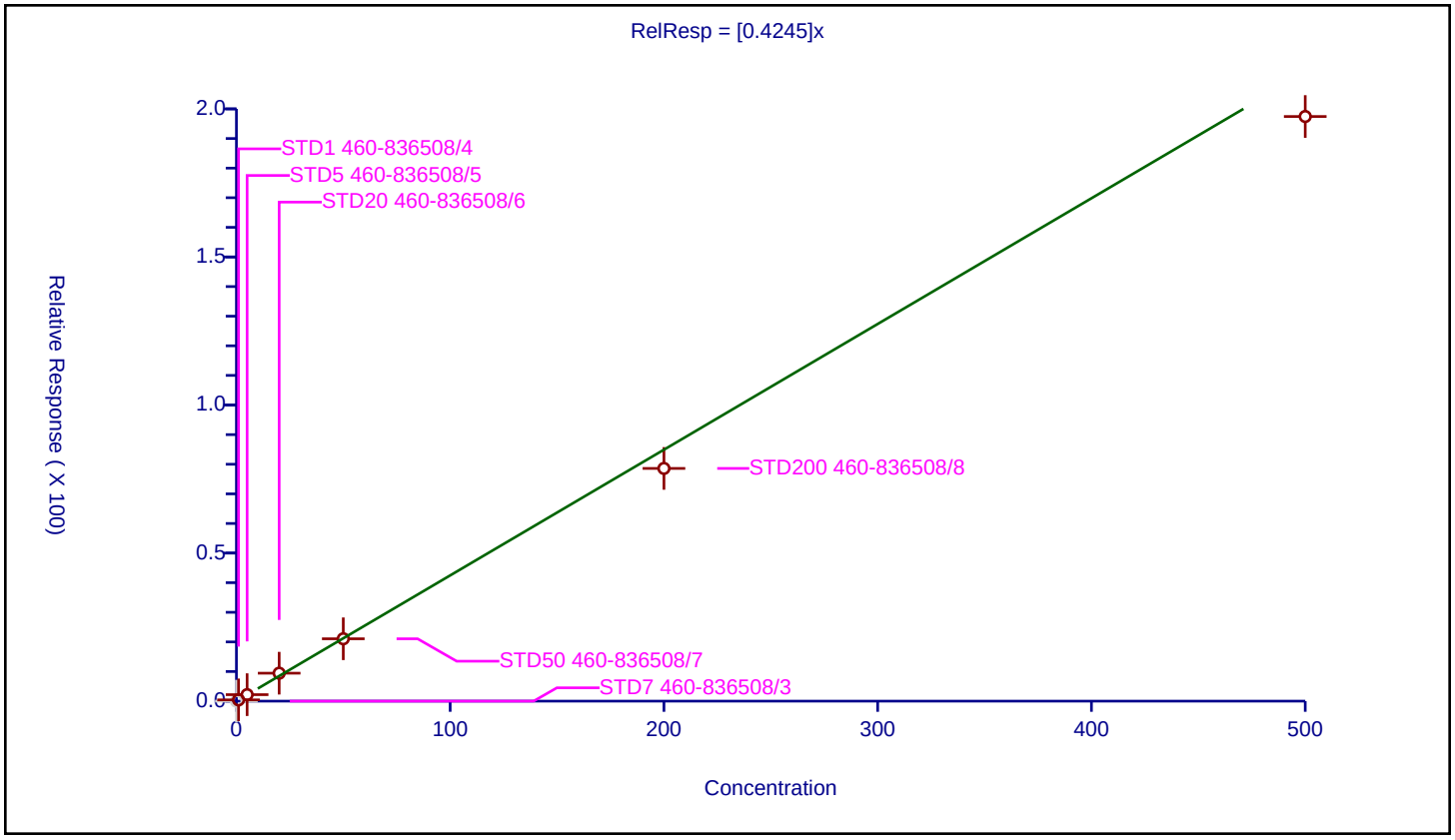
Curve Coefficients

Intercept:	0
Slope:	0.4245

Error Coefficients

Standard Error:	1280000
Relative Standard Error:	6.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.428092	50.0	568102.0	0.428092	Y
3	STD5 460-836508/5	5.0	2.189834	50.0	598607.0	0.437967	Y
4	STD20 460-836508/6	20.0	9.443473	50.0	580888.0	0.472174	Y
5	STD50 460-836508/7	50.0	21.062558	50.0	578218.0	0.421251	Y
6	STD200 460-836508/8	200.0	78.586229	50.0	707505.0	0.392931	Y
7	STD500 460-836508/9	500.0	197.429137	50.0	662404.0	0.394858	Y



Calibration / Dibromofluoromethane (Surr)

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

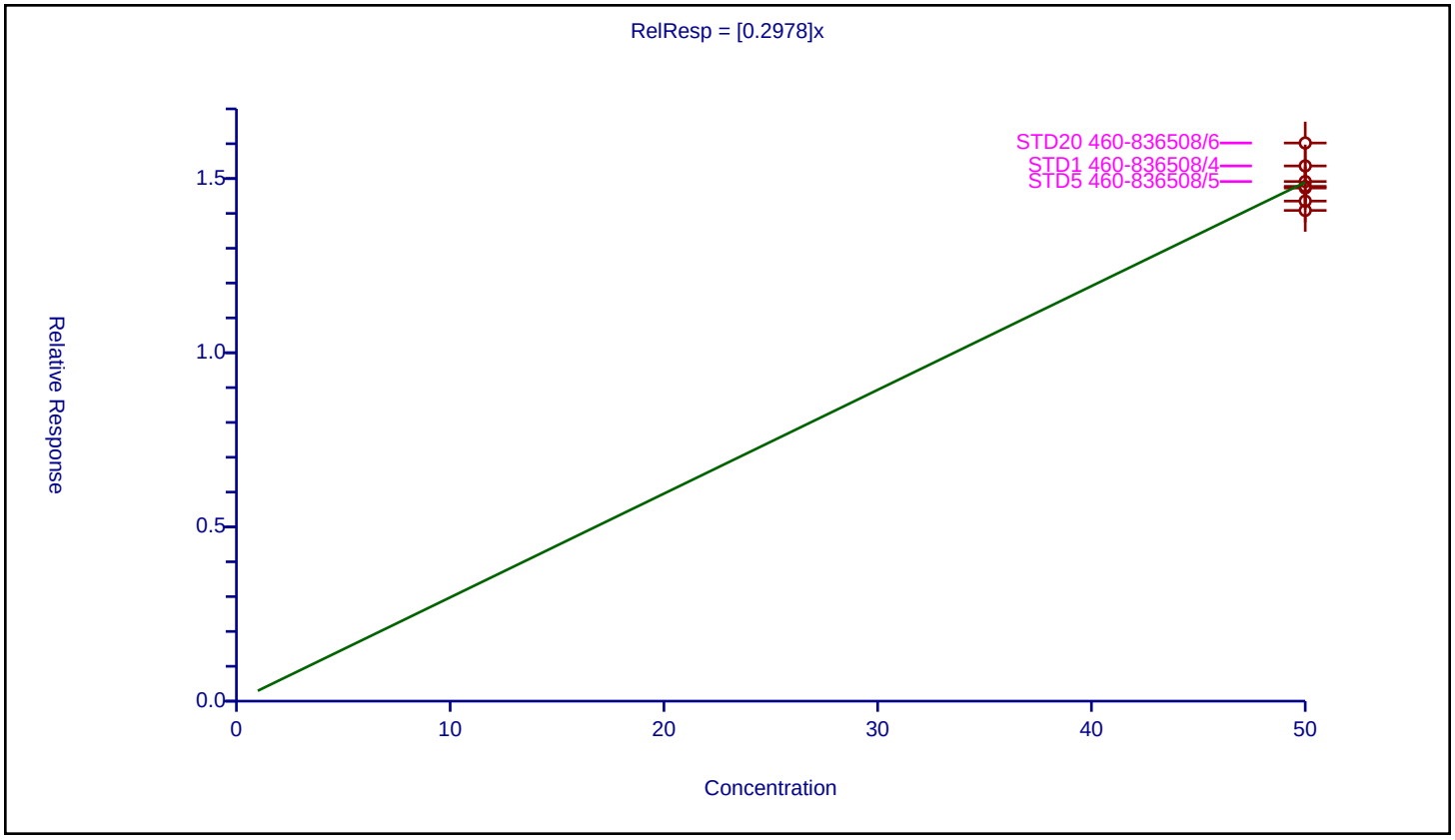
Curve Coefficients

Intercept:	0
Slope:	0.2978

Error Coefficients

Standard Error:	195000
Relative Standard Error:	4.3
Correlation Coefficient:	0
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	50.0	14.728272	50.0	538186.0	0.294565	Y
2	STD1 460-836508/4	50.0	15.362294	50.0	568102.0	0.307246	Y
3	STD5 460-836508/5	50.0	14.914961	50.0	598607.0	0.298299	Y
4	STD20 460-836508/6	50.0	16.020558	50.0	580888.0	0.320411	Y
5	STD50 460-836508/7	50.0	14.354015	50.0	578218.0	0.28708	Y
6	STD200 460-836508/8	50.0	14.084918	50.0	707505.0	0.281698	Y
7	STD500 460-836508/9	50.0	14.7755	50.0	662404.0	0.29551	Y



Calibration / Carbon tetrachloride

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

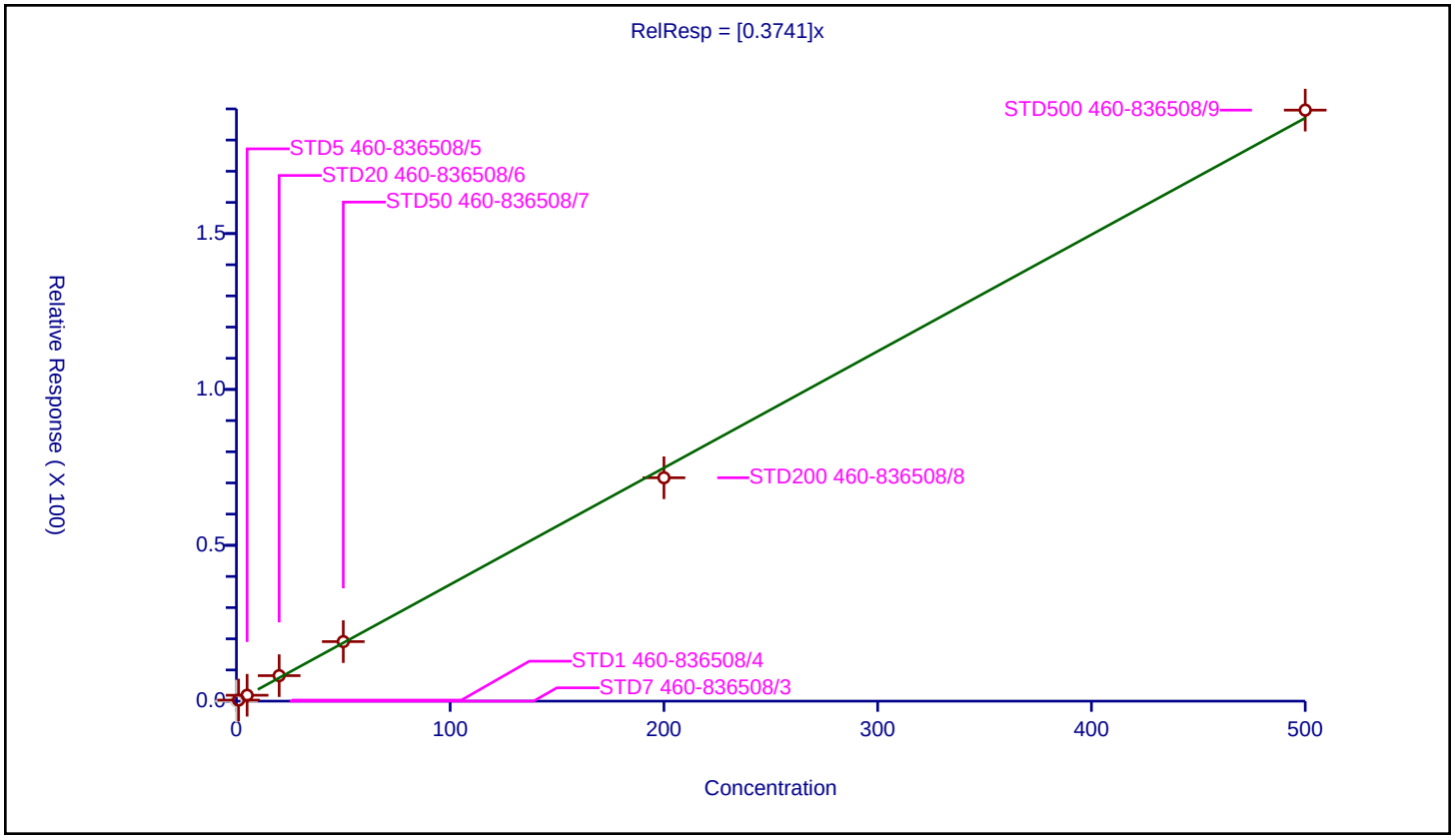
Curve Coefficients

Intercept:	0
Slope:	0.3741

Error Coefficients

Standard Error:	1220000
Relative Standard Error:	6.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.337175	50.0	568102.0	0.337175	Y
3	STD5 460-836508/5	5.0	1.895651	50.0	598607.0	0.37913	Y
4	STD20 460-836508/6	20.0	8.179718	50.0	580888.0	0.408986	Y
5	STD50 460-836508/7	50.0	19.098333	50.0	578218.0	0.381967	Y
6	STD200 460-836508/8	200.0	71.669246	50.0	707505.0	0.358346	Y
7	STD500 460-836508/9	500.0	189.610344	50.0	662404.0	0.379221	Y



Calibration / 1,1-Dichloropropene

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

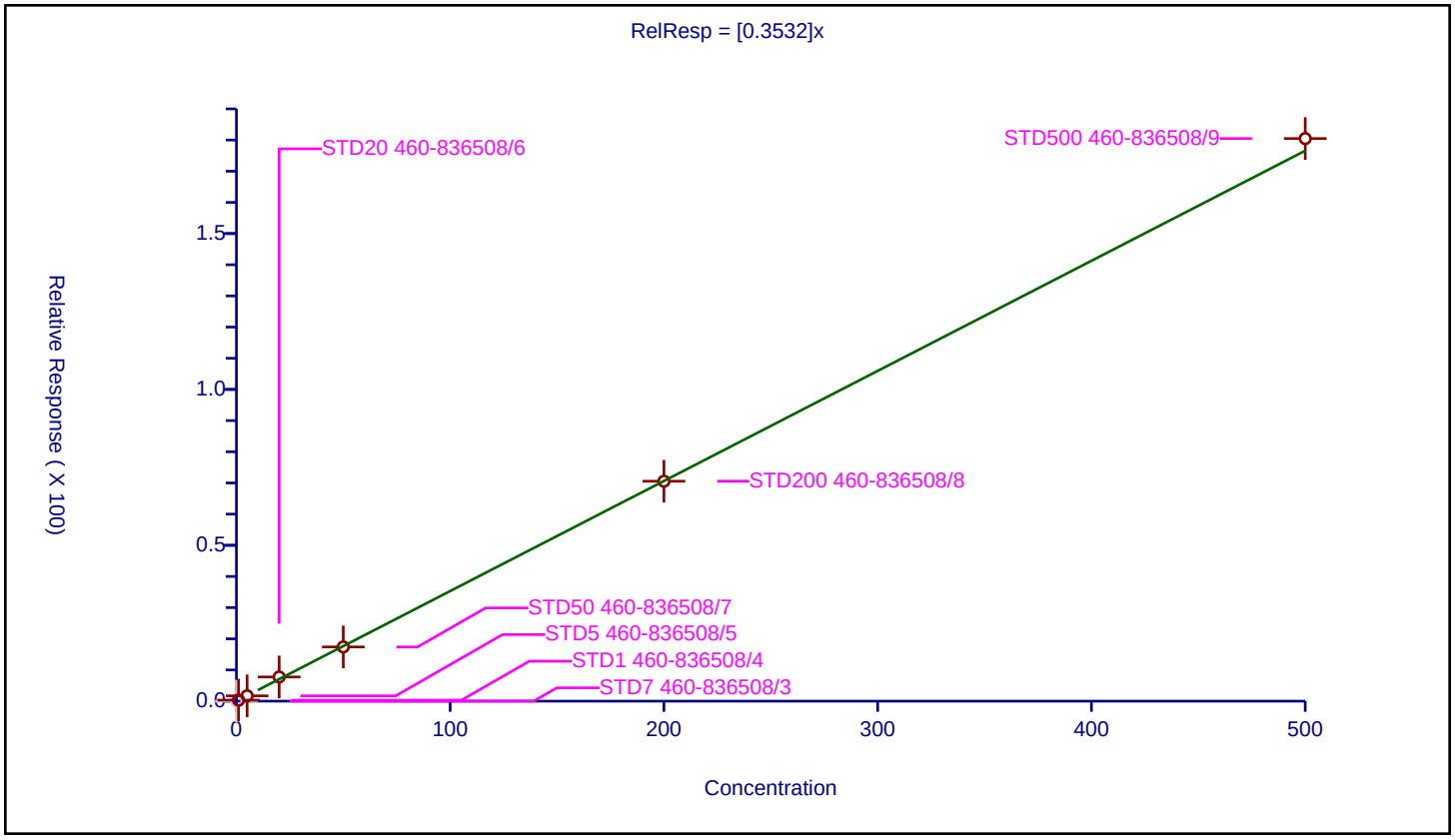
Curve Coefficients

Intercept:	0
Slope:	0.3532

Error Coefficients

Standard Error:	1160000
Relative Standard Error:	5.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.328638	50.0	568102.0	0.328638	Y
3	STD5 460-836508/5	5.0	1.704791	50.0	598607.0	0.340958	Y
4	STD20 460-836508/6	20.0	7.754679	50.0	580888.0	0.387734	Y
5	STD50 460-836508/7	50.0	17.392662	50.0	578218.0	0.347853	Y
6	STD200 460-836508/8	200.0	70.552434	50.0	707505.0	0.352762	Y
7	STD500 460-836508/9	500.0	180.485323	50.0	662404.0	0.360971	Y



Calibration / Isobutyl alcohol

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

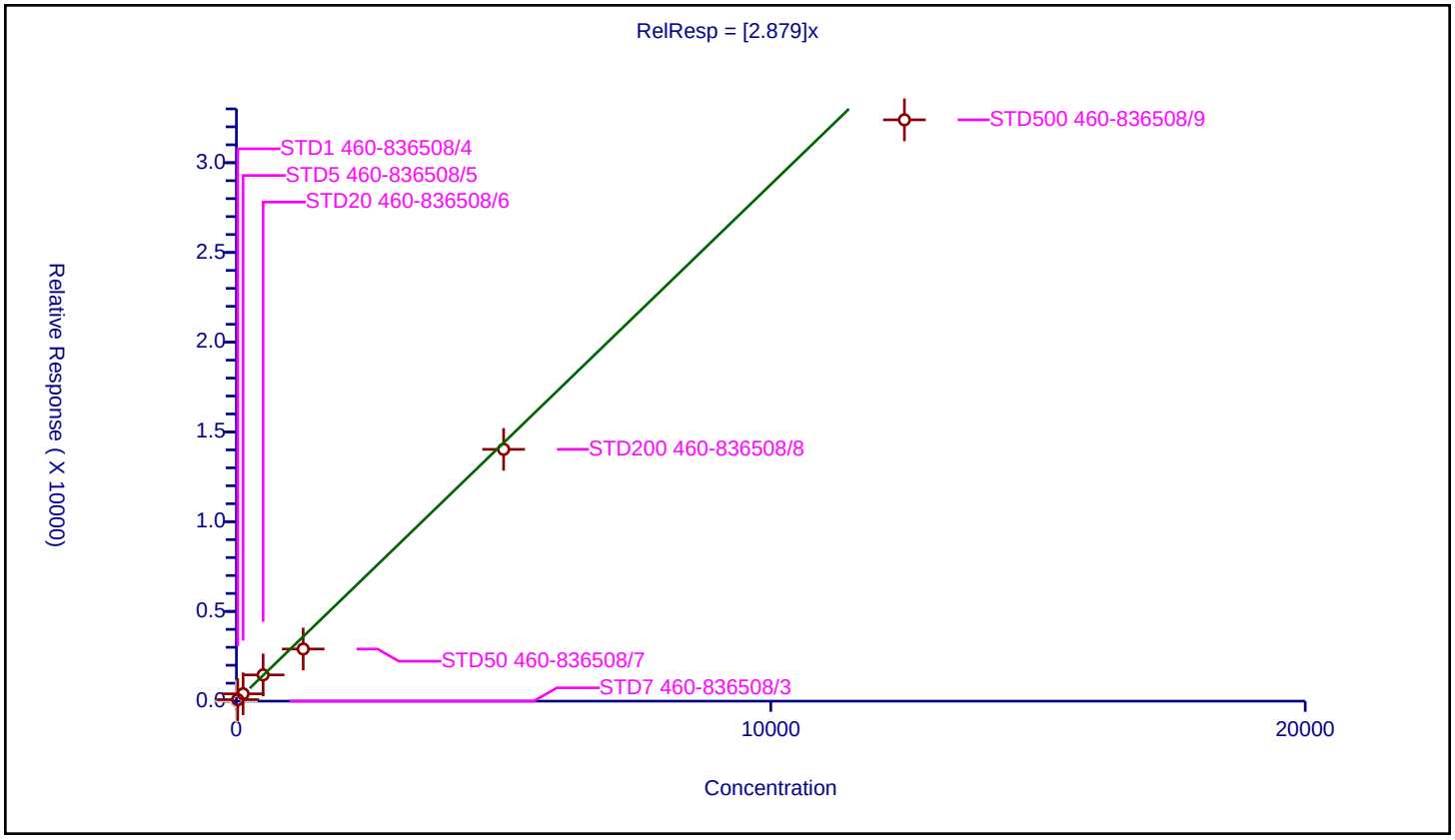
Curve Coefficients

Intercept:	0
Slope:	2.879

Error Coefficients

Standard Error:	795000
Relative Standard Error:	13.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	1000.0	35859.0	NaN	N
2	STD1 460-836508/4	25.0	83.925583	1000.0	41227.0	3.357023	Y
3	STD5 460-836508/5	125.0	408.909558	1000.0	39351.0	3.271276	Y
4	STD20 460-836508/6	500.0	1461.976658	1000.0	43184.0	2.923953	Y
5	STD50 460-836508/7	1250.0	2905.723515	1000.0	43033.0	2.324579	Y
6	STD200 460-836508/8	5000.0	14029.305095	1000.0	51561.0	2.805861	Y
7	STD500 460-836508/9	12500.0	32390.593606	1000.0	51263.0	2.591247	Y



Calibration / Isooctane

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

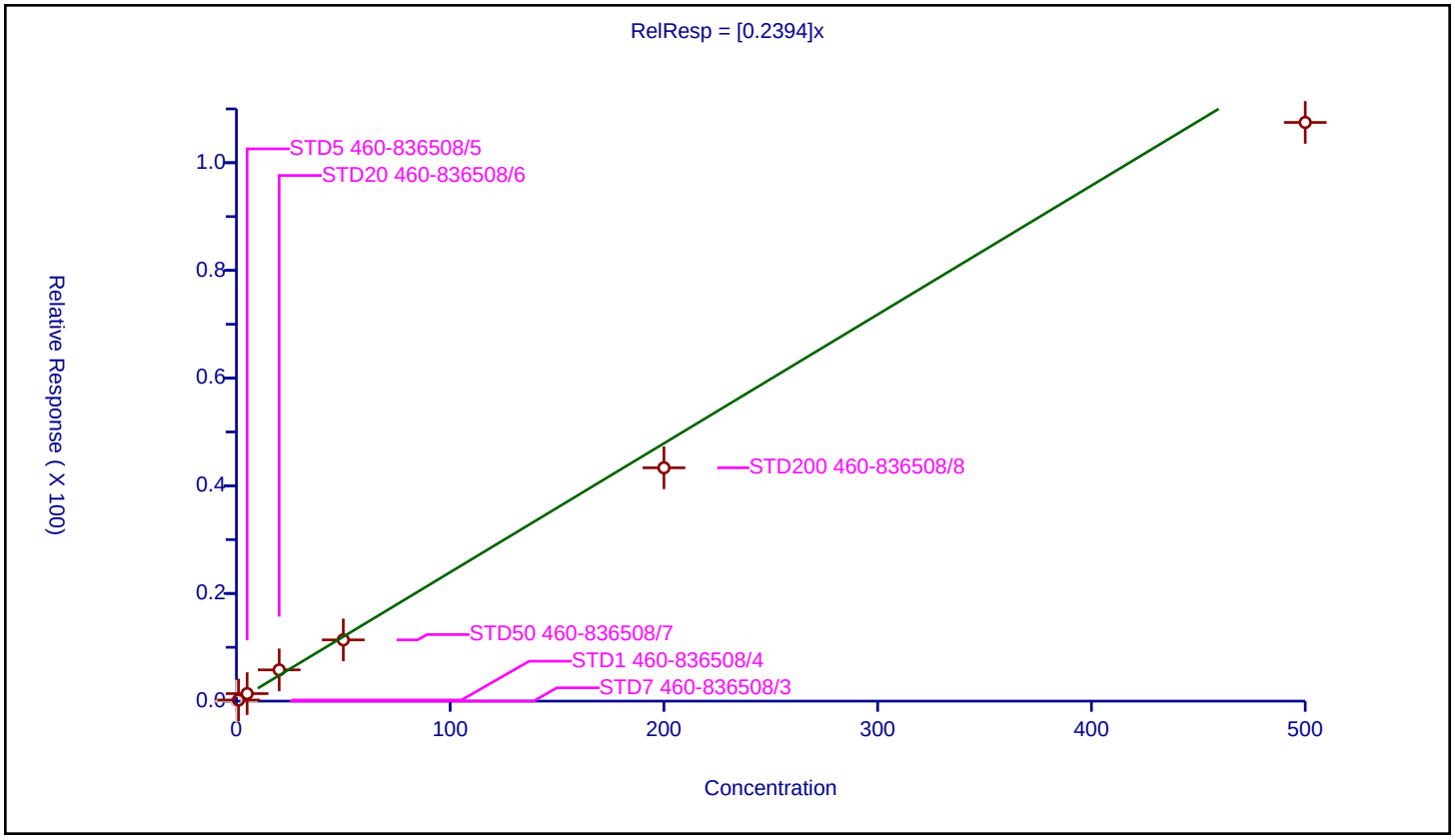
Curve Coefficients

Intercept:	0
Slope:	0.2394

Error Coefficients

Standard Error:	697000
Relative Standard Error:	15.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.207357	50.0	568102.0	0.207357	Y
3	STD5 460-836508/5	5.0	1.398413	50.0	598607.0	0.279683	Y
4	STD20 460-836508/6	20.0	5.802582	50.0	580888.0	0.290129	Y
5	STD50 460-836508/7	50.0	11.373651	50.0	578218.0	0.227473	Y
6	STD200 460-836508/8	200.0	43.343369	50.0	707505.0	0.216717	Y
7	STD500 460-836508/9	500.0	107.489236	50.0	662404.0	0.214978	Y



Calibration / Benzene

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

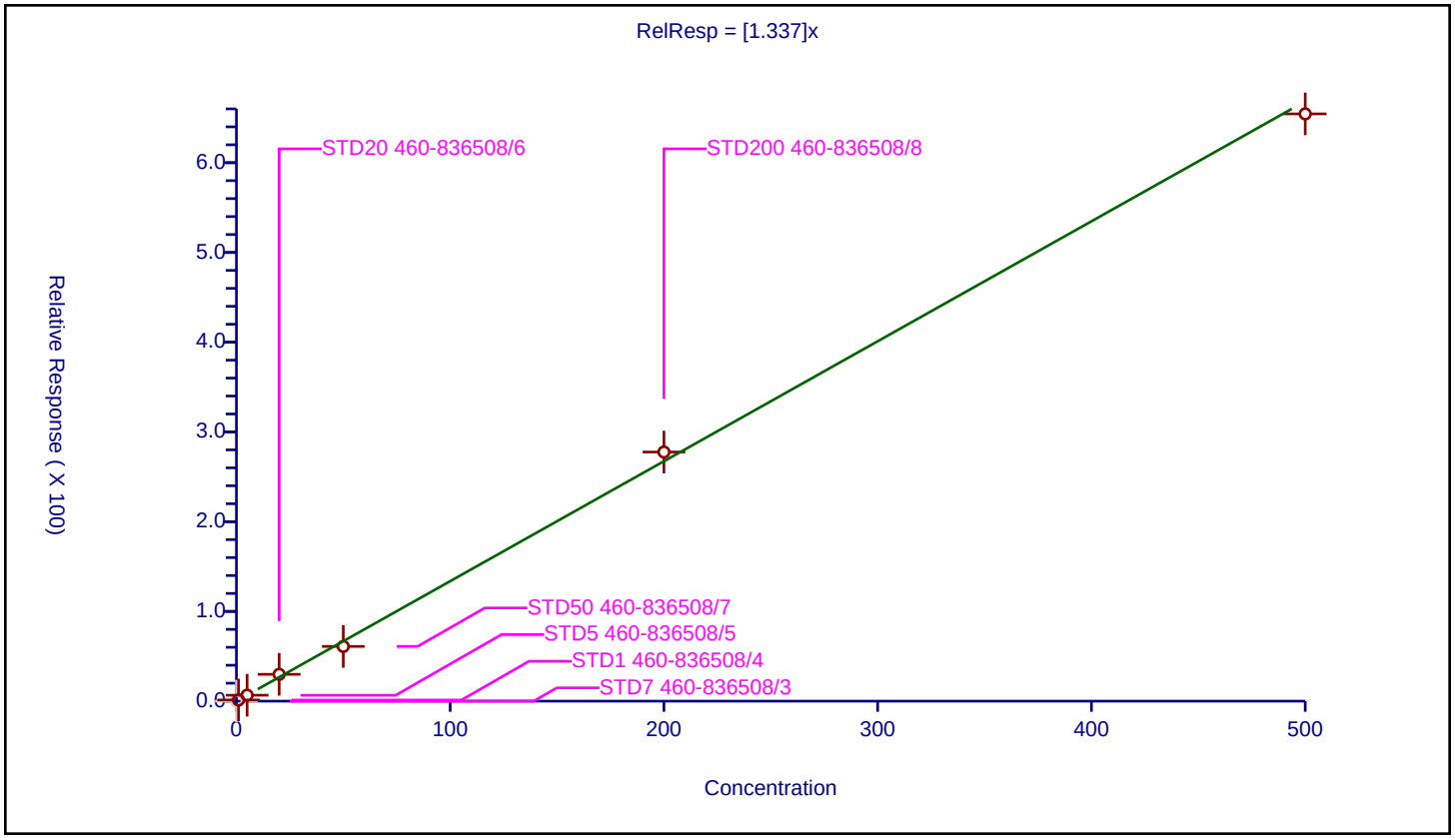
Curve Coefficients

Intercept:	0
Slope:	1.337

Error Coefficients

Standard Error:	3540000
Relative Standard Error:	7.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	431824.0	NaN	N
2	STD1 460-836508/4	1.0	1.289815	50.0	467315.0	1.289815	Y
3	STD5 460-836508/5	5.0	6.606053	50.0	479212.0	1.321211	Y
4	STD20 460-836508/6	20.0	29.873511	50.0	473560.0	1.493676	Y
5	STD50 460-836508/7	50.0	60.968396	50.0	498856.0	1.219368	Y
6	STD200 460-836508/8	200.0	277.608536	50.0	546456.0	1.388043	Y
7	STD500 460-836508/9	500.0	654.412496	50.0	557009.0	1.308825	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

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

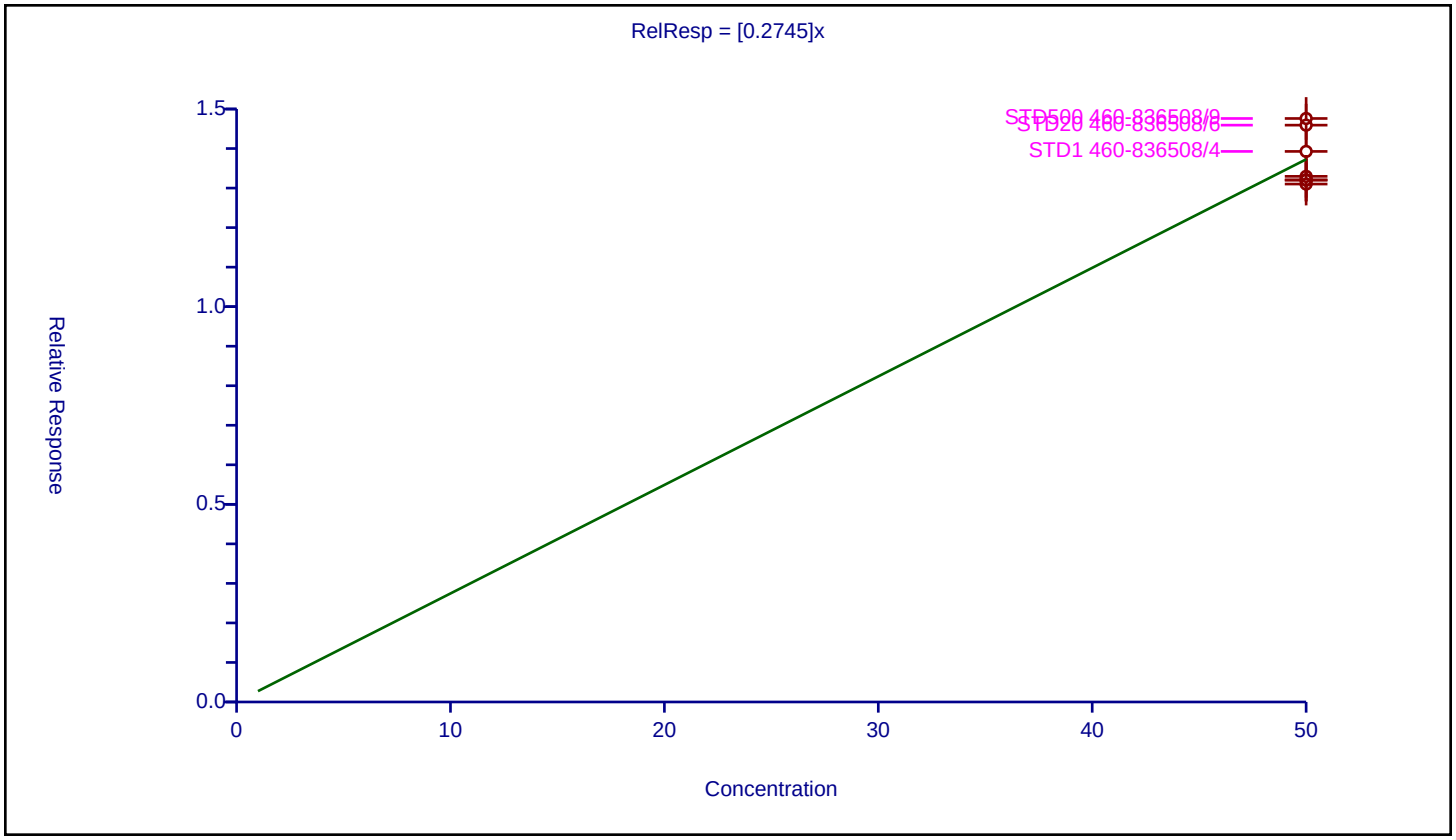
Curve Coefficients

Intercept:	0
Slope:	0.2745

Error Coefficients

Standard Error:	180000
Relative Standard Error:	5.1
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	50.0	13.199712	50.0	538186.0	0.263994	Y
2	STD1 460-836508/4	50.0	13.927253	50.0	568102.0	0.278545	Y
3	STD5 460-836508/5	50.0	13.297038	50.0	598607.0	0.265941	Y
4	STD20 460-836508/6	50.0	14.591625	50.0	580888.0	0.291833	Y
5	STD50 460-836508/7	50.0	13.101979	50.0	578218.0	0.26204	Y
6	STD200 460-836508/8	50.0	13.20867	50.0	707505.0	0.264173	Y
7	STD500 460-836508/9	50.0	14.760705	50.0	662404.0	0.295214	Y



Calibration / Isopropyl acetate

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

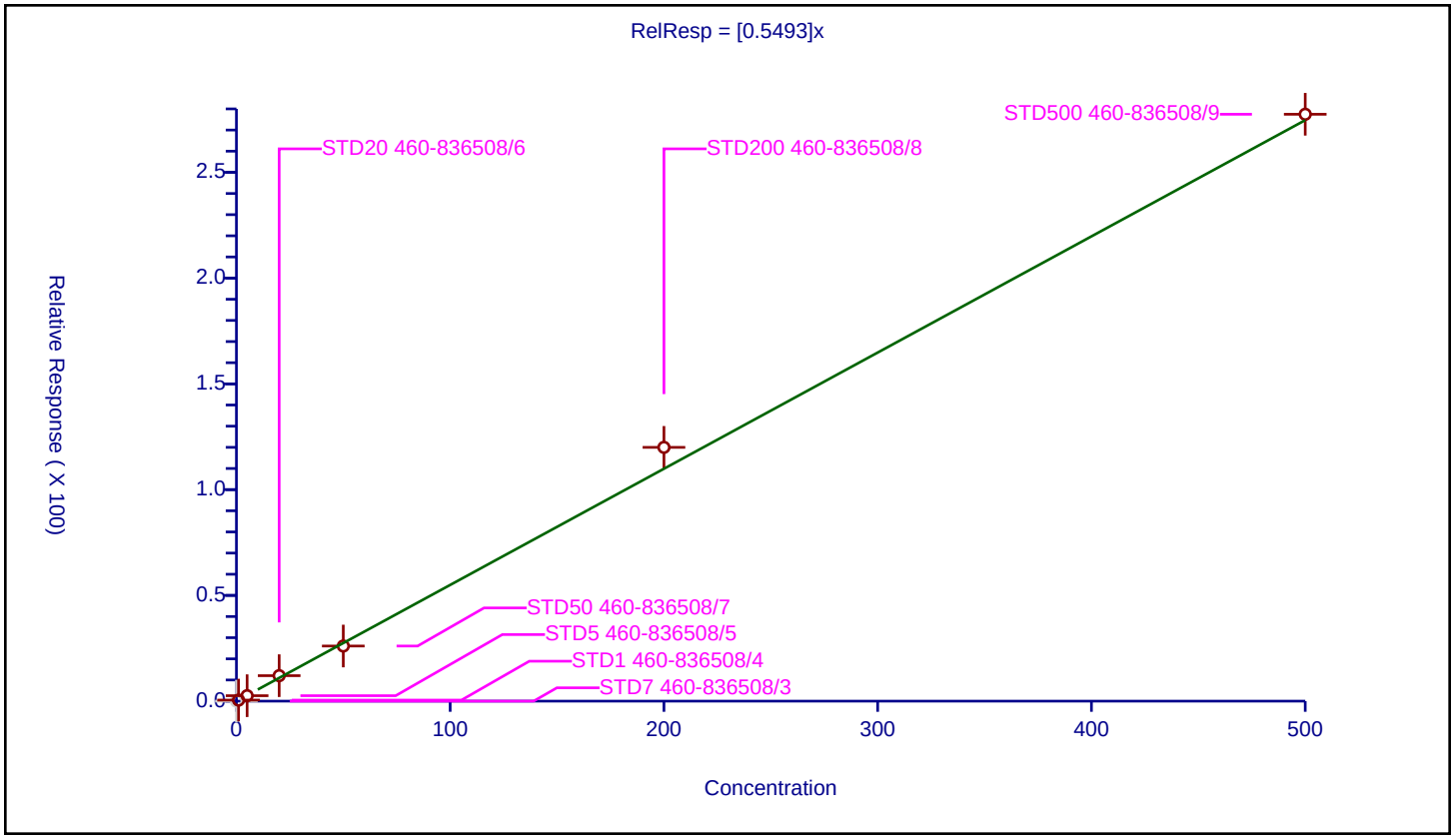
Curve Coefficients

Intercept:	0
Slope:	0.5493

Error Coefficients

Standard Error:	1820000
Relative Standard Error:	8.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.502815	50.0	568102.0	0.502815	Y
3	STD5 460-836508/5	5.0	2.574059	50.0	598607.0	0.514812	Y
4	STD20 460-836508/6	20.0	12.045782	50.0	580888.0	0.602289	Y
5	STD50 460-836508/7	50.0	26.060932	50.0	578218.0	0.521219	Y
6	STD200 460-836508/8	200.0	119.977173	50.0	707505.0	0.599886	Y
7	STD500 460-836508/9	500.0	277.459979	50.0	662404.0	0.55492	Y



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

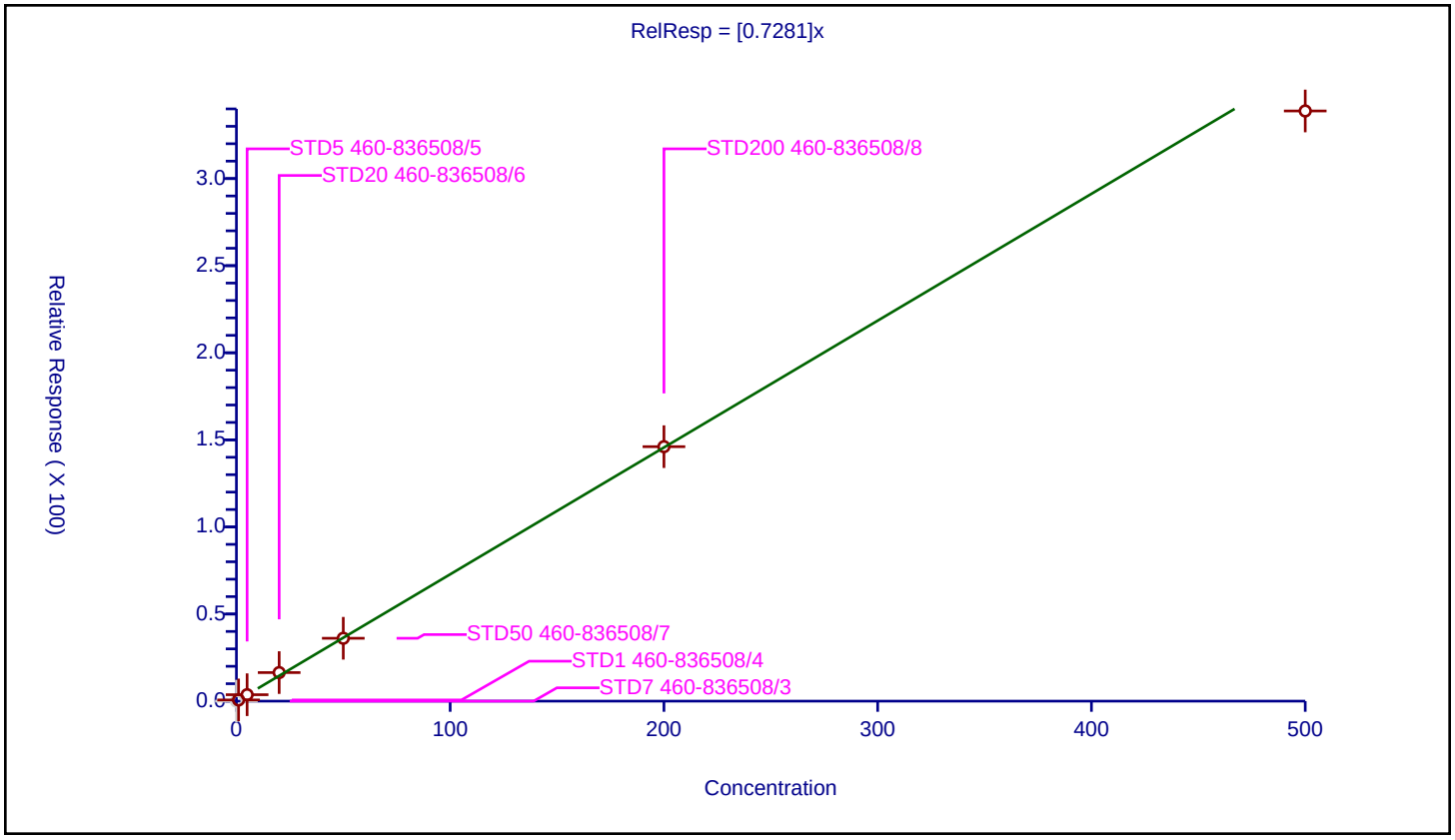
Curve Coefficients

Intercept:	0
Slope:	0.7281

Error Coefficients

Standard Error:	2220000
Relative Standard Error:	7.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.679631	50.0	568102.0	0.679631	Y
3	STD5 460-836508/5	5.0	3.69583	50.0	598607.0	0.739166	Y
4	STD20 460-836508/6	20.0	16.397137	50.0	580888.0	0.819857	Y
5	STD50 460-836508/7	50.0	36.09348	50.0	578218.0	0.72187	Y
6	STD200 460-836508/8	200.0	146.083632	50.0	707505.0	0.730418	Y
7	STD500 460-836508/9	500.0	338.806302	50.0	662404.0	0.677613	Y



Calibration / 1,2-Dichloroethane

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

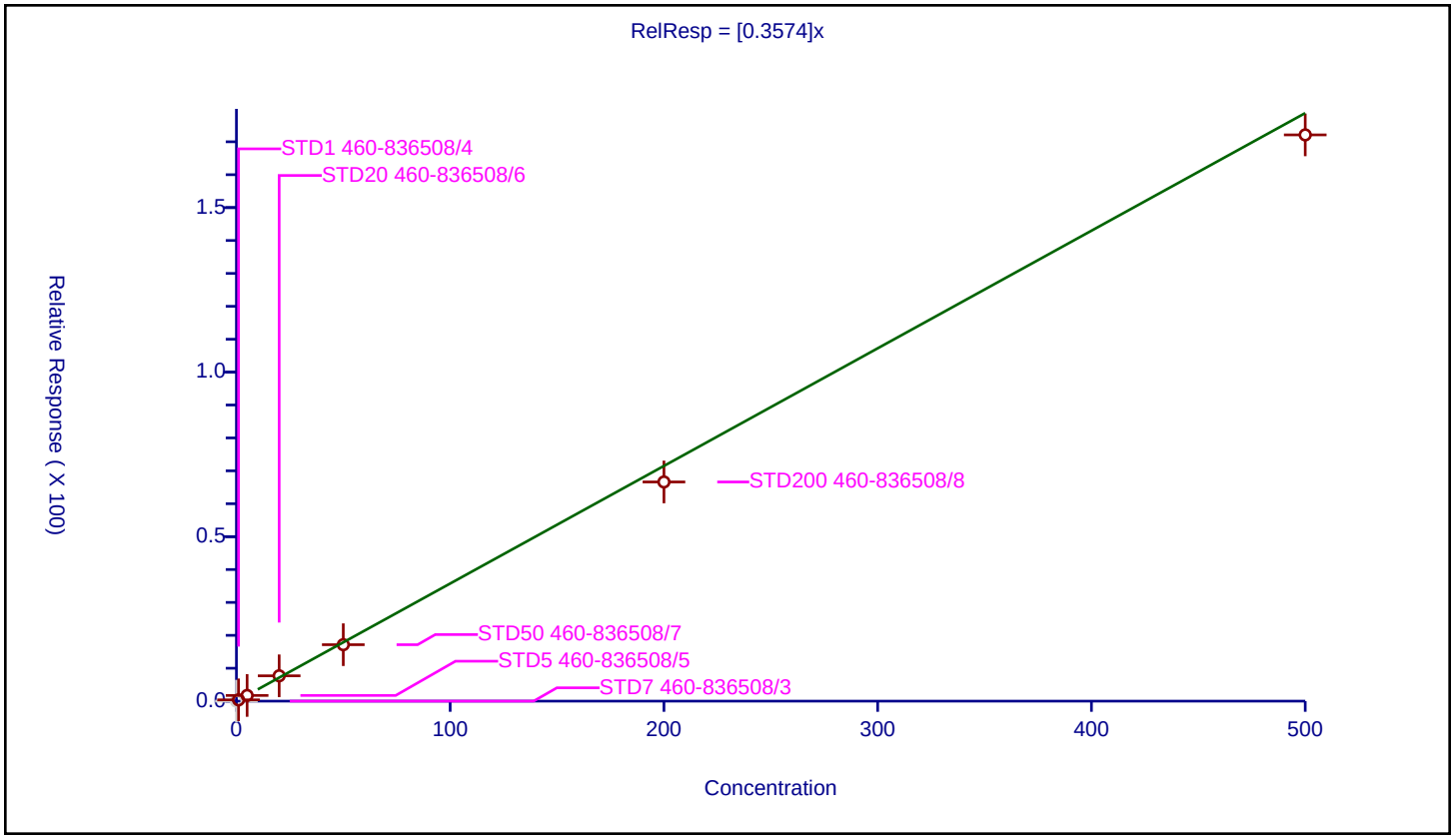
Curve Coefficients

Intercept:	0
Slope:	0.3574

Error Coefficients

Standard Error:	1110000
Relative Standard Error:	7.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.394207	50.0	568102.0	0.394207	Y
3	STD5 460-836508/5	5.0	1.725339	50.0	598607.0	0.345068	Y
4	STD20 460-836508/6	20.0	7.698558	50.0	580888.0	0.384928	Y
5	STD50 460-836508/7	50.0	17.156591	50.0	578218.0	0.343132	Y
6	STD200 460-836508/8	200.0	66.619883	50.0	707505.0	0.333099	Y
7	STD500 460-836508/9	500.0	172.10124	50.0	662404.0	0.344202	Y



Calibration / n-Heptane

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

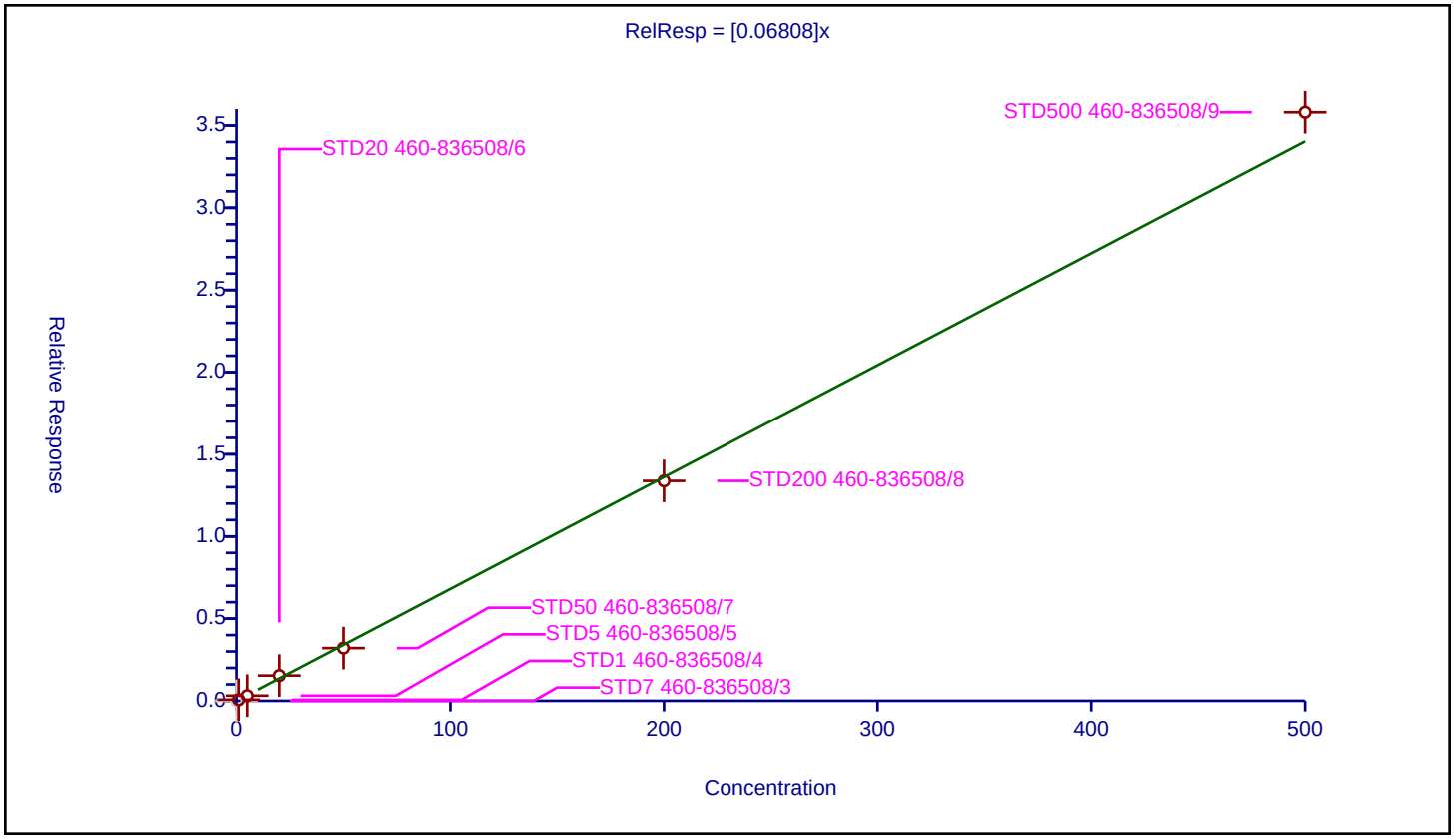
Curve Coefficients

Intercept:	0
Slope:	0.06808

Error Coefficients

Standard Error:	229000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.066361	50.0	568102.0	0.066361	Y
3	STD5 460-836508/5	5.0	0.313144	50.0	598607.0	0.062629	Y
4	STD20 460-836508/6	20.0	1.535064	50.0	580888.0	0.076753	Y
5	STD50 460-836508/7	50.0	3.210035	50.0	578218.0	0.064201	Y
6	STD200 460-836508/8	200.0	13.382238	50.0	707505.0	0.066911	Y
7	STD500 460-836508/9	500.0	35.803981	50.0	662404.0	0.071608	Y



Calibration / n-Butanol

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

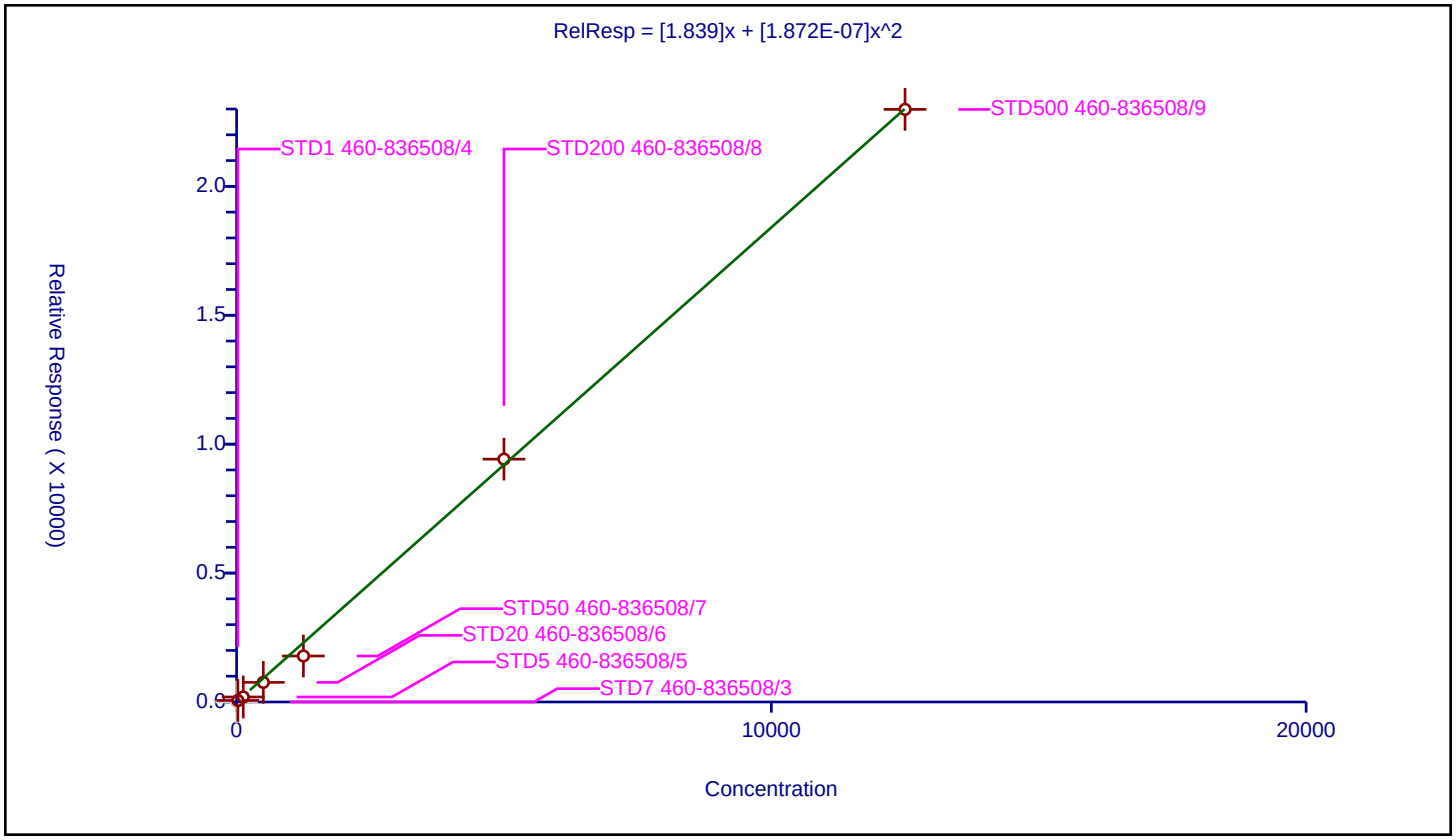
Curve Coefficients

Intercept:	0
Slope:	1.839
Second Order:	1.872E-07

Error Coefficients

Standard Error:	626000
Relative Standard Error:	22.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	1000.0	35859.0	NaN	N
2	STD1 460-836508/4	25.0	59.936449	1000.0	41227.0	2.397458	Y
3	STD5 460-836508/5	125.0	193.692663	1000.0	39351.0	1.549541	Y
4	STD20 460-836508/6	500.0	760.559466	1000.0	43184.0	1.521119	Y
5	STD50 460-836508/7	1250.0	1783.817071	1000.0	43033.0	1.427054	Y
6	STD200 460-836508/8	5000.0	9419.057039	1000.0	51561.0	1.883811	Y
7	STD500 460-836508/9	12500.0	22985.506116	1000.0	51263.0	1.83884	Y



Calibration / Trichloroethene

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

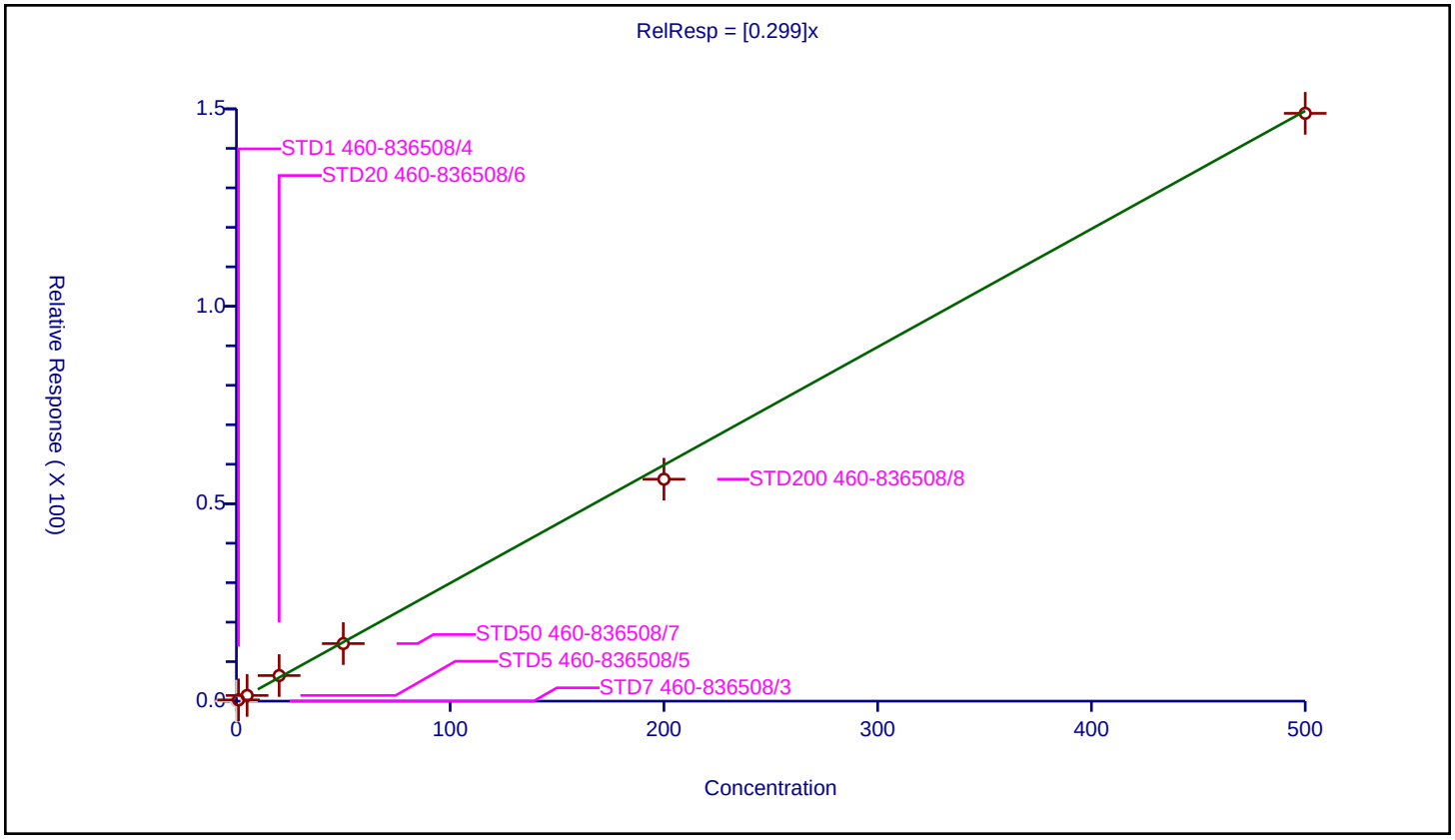
Curve Coefficients

Intercept:	0
Slope:	0.299

Error Coefficients

Standard Error:	955000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.311652	50.0	568102.0	0.311652	Y
3	STD5 460-836508/5	5.0	1.439676	50.0	598607.0	0.287935	Y
4	STD20 460-836508/6	20.0	6.481628	50.0	580888.0	0.324081	Y
5	STD50 460-836508/7	50.0	14.575817	50.0	578218.0	0.291516	Y
6	STD200 460-836508/8	200.0	56.207306	50.0	707505.0	0.281037	Y
7	STD500 460-836508/9	500.0	148.872667	50.0	662404.0	0.297745	Y



Calibration / Methylcyclohexane

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

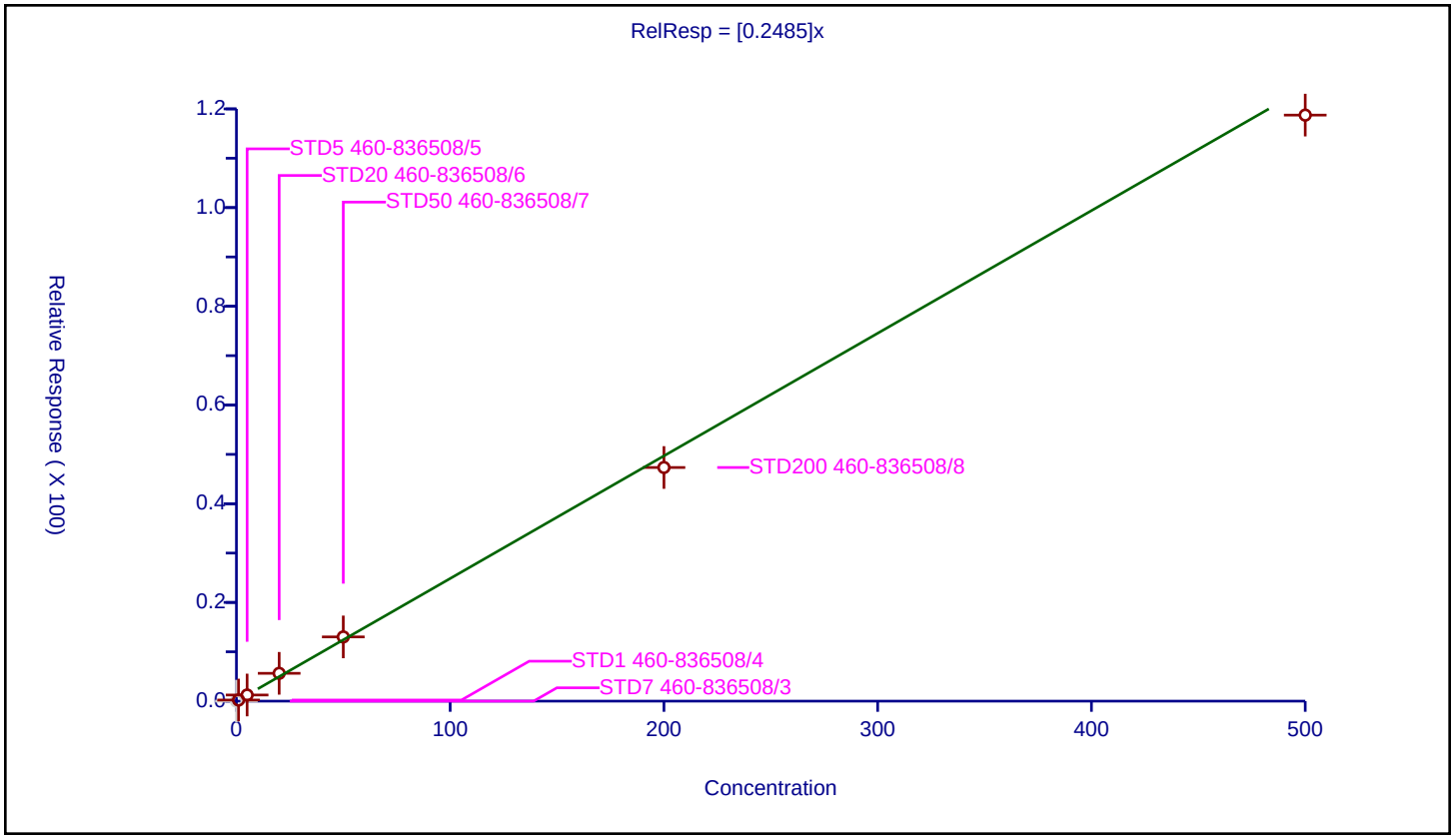
Curve Coefficients

Intercept:	0
Slope:	0.2485

Error Coefficients

Standard Error:	768000
Relative Standard Error:	8.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.22584	50.0	568102.0	0.22584	Y
3	STD5 460-836508/5	5.0	1.242886	50.0	598607.0	0.248577	Y
4	STD20 460-836508/6	20.0	5.638608	50.0	580888.0	0.28193	Y
5	STD50 460-836508/7	50.0	13.011442	50.0	578218.0	0.260229	Y
6	STD200 460-836508/8	200.0	47.34115	50.0	707505.0	0.236706	Y
7	STD500 460-836508/9	500.0	118.741659	50.0	662404.0	0.237483	Y



Calibration / Ethyl acrylate

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

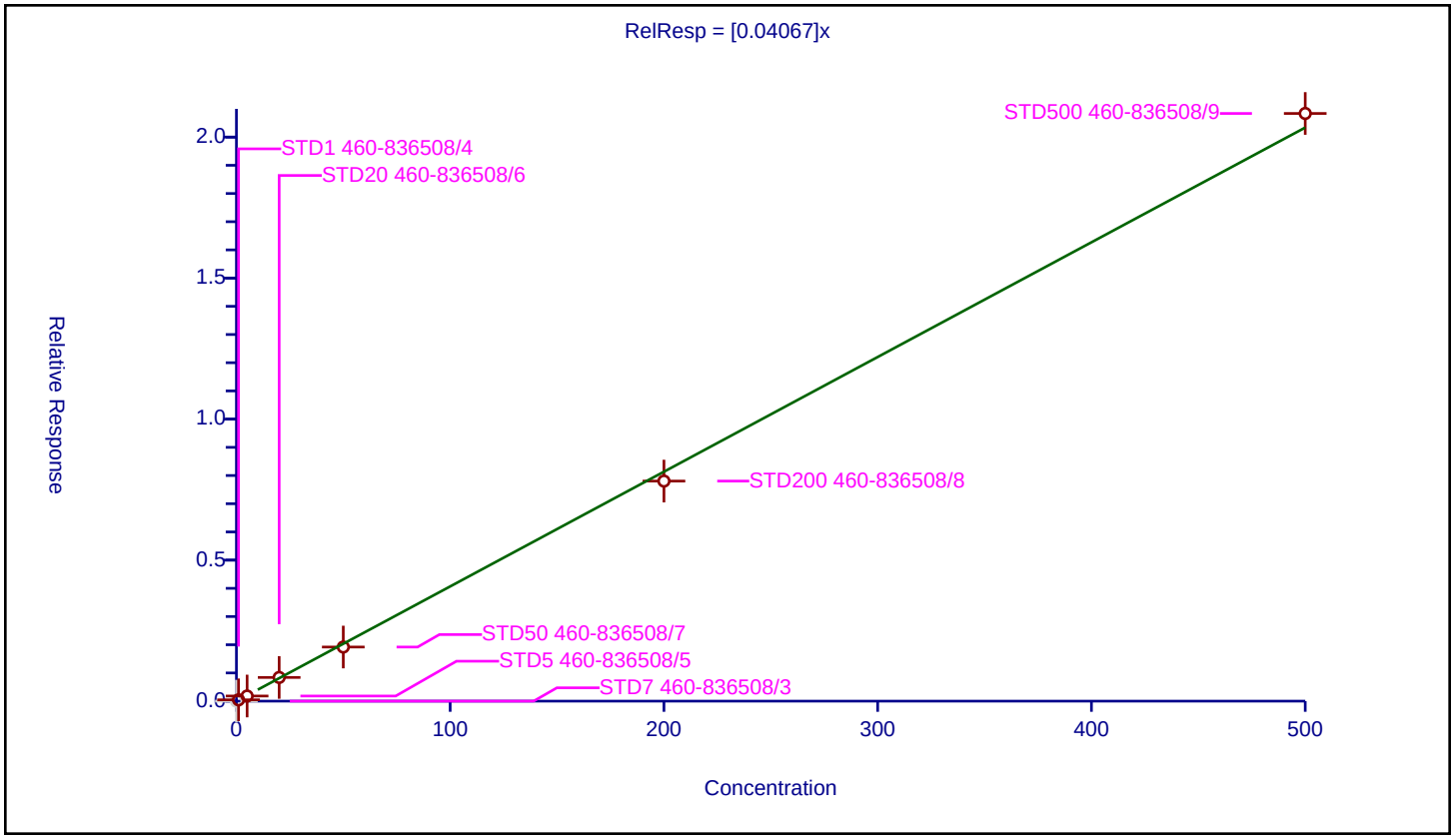
Curve Coefficients

Intercept:	0
Slope:	0.04067

Error Coefficients

Standard Error:	133000
Relative Standard Error:	9.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.046735	50.0	568102.0	0.046735	Y
3	STD5 460-836508/5	5.0	0.181338	50.0	598607.0	0.036268	Y
4	STD20 460-836508/6	20.0	0.839577	50.0	580888.0	0.041979	Y
5	STD50 460-836508/7	50.0	1.91874	50.0	578218.0	0.038375	Y
6	STD200 460-836508/8	200.0	7.803196	50.0	707505.0	0.039016	Y
7	STD500 460-836508/9	500.0	20.837661	50.0	662404.0	0.041675	Y



Calibration / 1,2-Dichloropropane

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

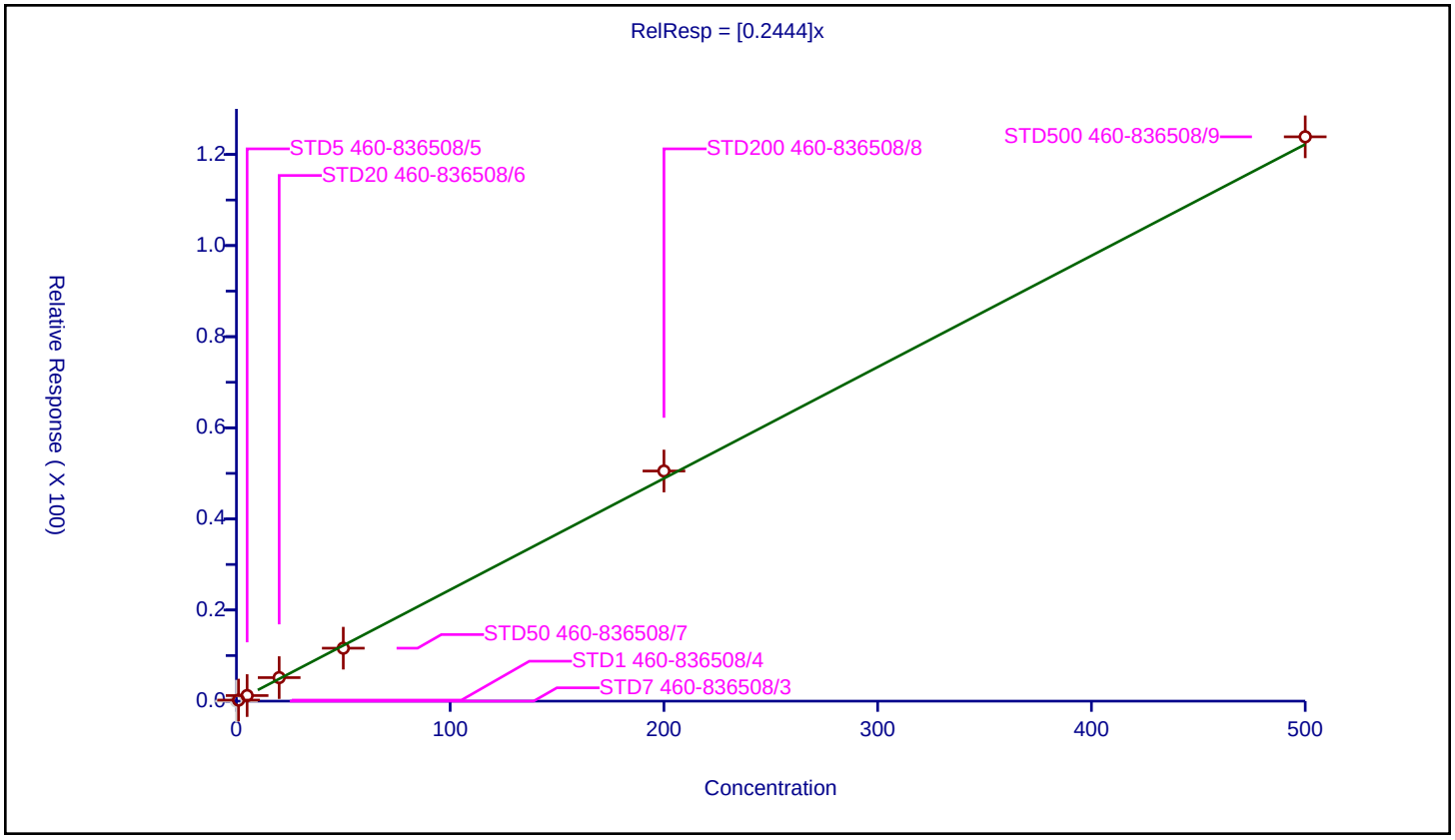
Curve Coefficients

Intercept:	0
Slope:	0.2444

Error Coefficients

Standard Error:	803000
Relative Standard Error:	4.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.229976	50.0	568102.0	0.229976	Y
3	STD5 460-836508/5	5.0	1.227266	50.0	598607.0	0.245453	Y
4	STD20 460-836508/6	20.0	5.167433	50.0	580888.0	0.258372	Y
5	STD50 460-836508/7	50.0	11.626757	50.0	578218.0	0.232535	Y
6	STD200 460-836508/8	200.0	50.513	50.0	707505.0	0.252565	Y
7	STD500 460-836508/9	500.0	123.873422	50.0	662404.0	0.247747	Y



Calibration / Methyl methacrylate

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

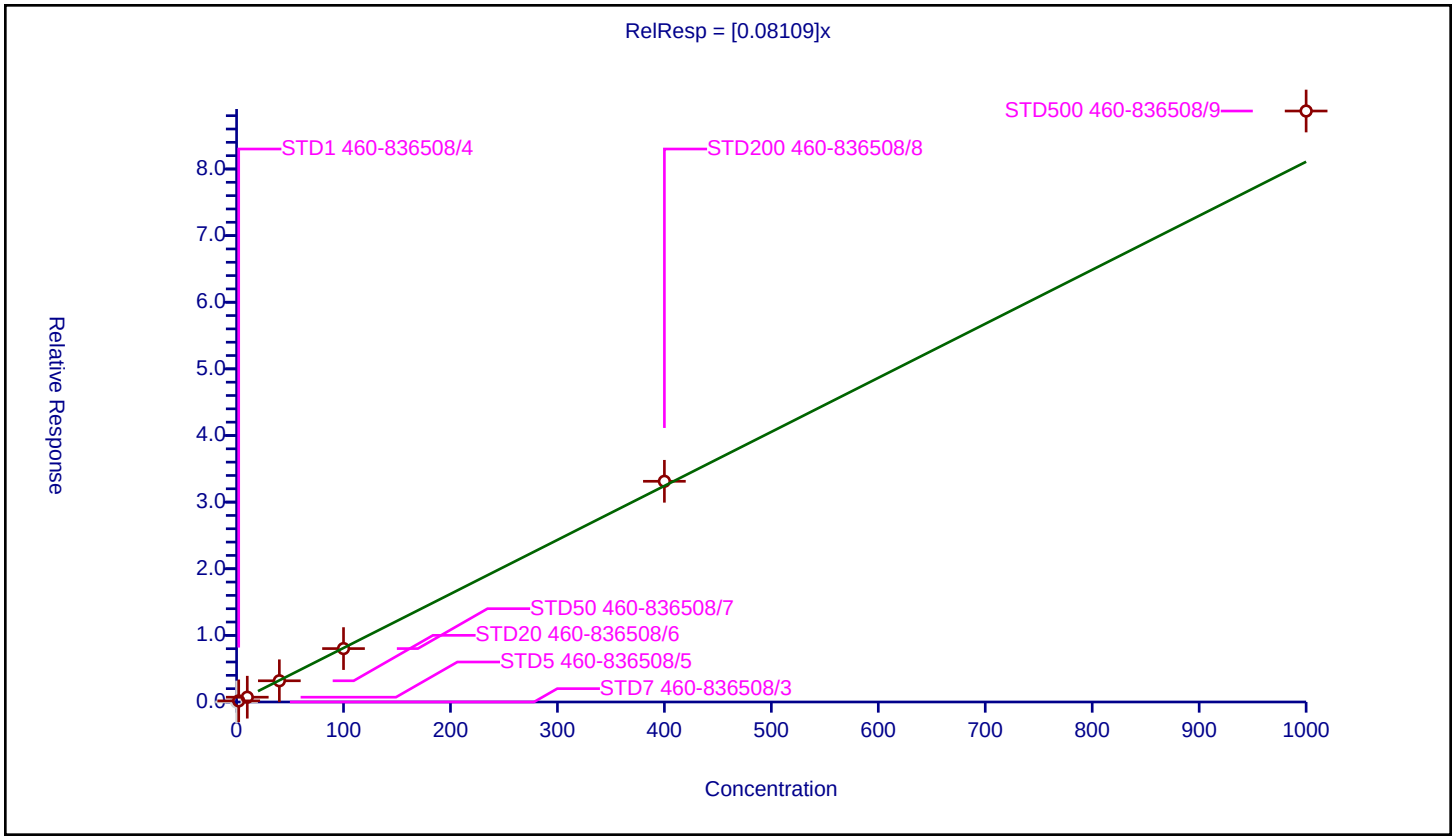
Curve Coefficients

Intercept:	0
Slope:	0.08109

Error Coefficients

Standard Error:	568000
Relative Standard Error:	6.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	2.0	0.166871	50.0	568102.0	0.083436	Y
3	STD5 460-836508/5	10.0	0.718084	50.0	598607.0	0.071808	Y
4	STD20 460-836508/6	40.0	3.184521	50.0	580888.0	0.079613	Y
5	STD50 460-836508/7	100.0	8.014278	50.0	578218.0	0.080143	Y
6	STD200 460-836508/8	400.0	33.128034	50.0	707505.0	0.08282	Y
7	STD500 460-836508/9	1000.0	88.701457	50.0	662404.0	0.088701	Y



Calibration / 1,4-Dioxane

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

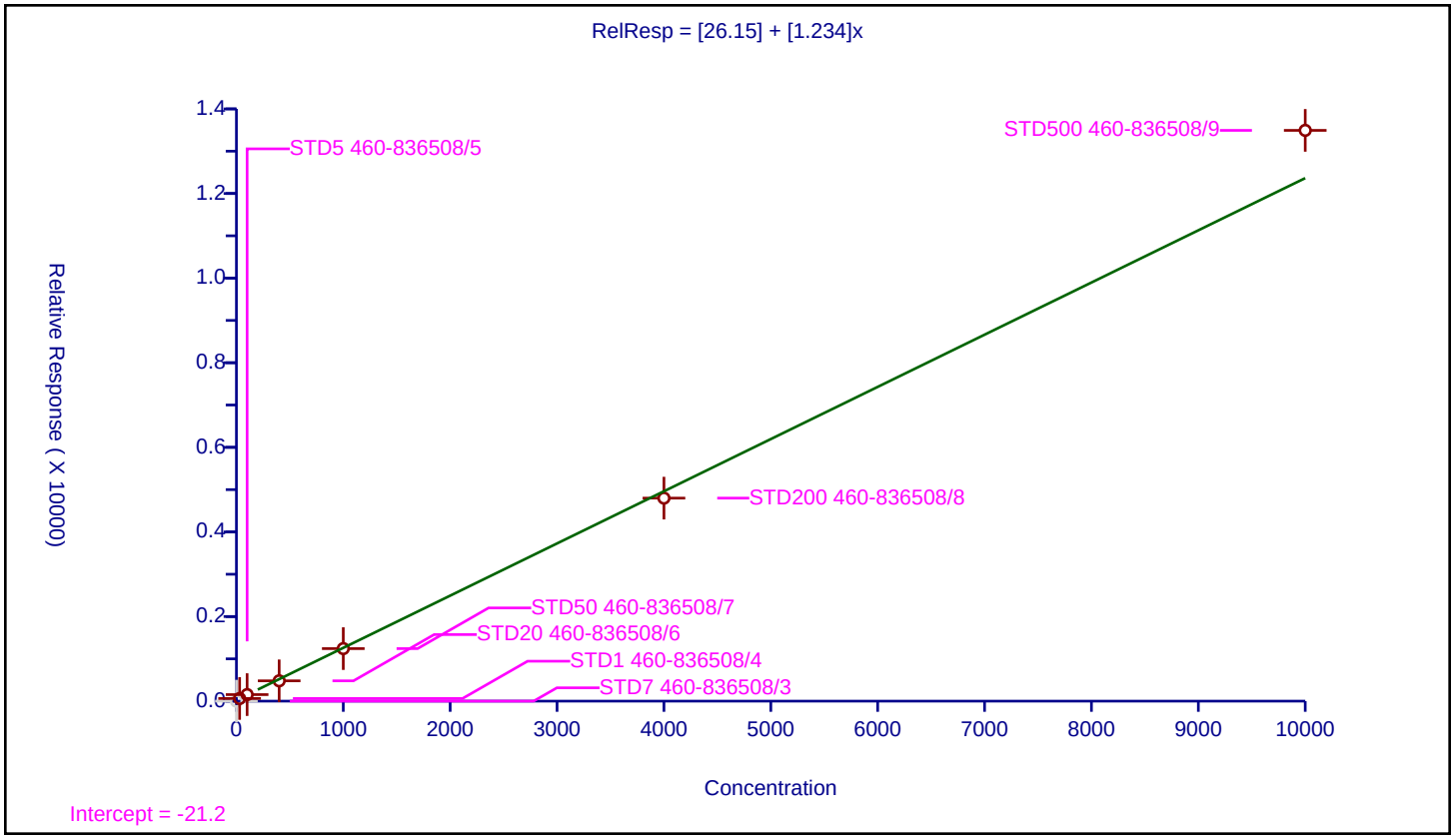
Curve Coefficients

Intercept:	26.15
Slope:	1.234

Error Coefficients

Standard Error:	246000
Relative Standard Error:	6.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	1000.0	29096.0	NaN	N
2	STD1 460-836508/4	30.000021	62.93621	1000.0	32811.0	2.097872	Y
3	STD5 460-836508/5	100.0	154.64726	1000.0	31879.0	1.546473	Y
4	STD20 460-836508/6	400.0	480.313558	1000.0	33678.0	1.200784	Y
5	STD50 460-836508/7	1000.0	1242.053638	1000.0	32216.0	1.242054	Y
6	STD200 460-836508/8	4000.0	4798.990398	1000.0	38431.0	1.199748	Y
7	STD500 460-836508/9	10000.0	13492.204579	1000.0	34764.0	1.34922	Y



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

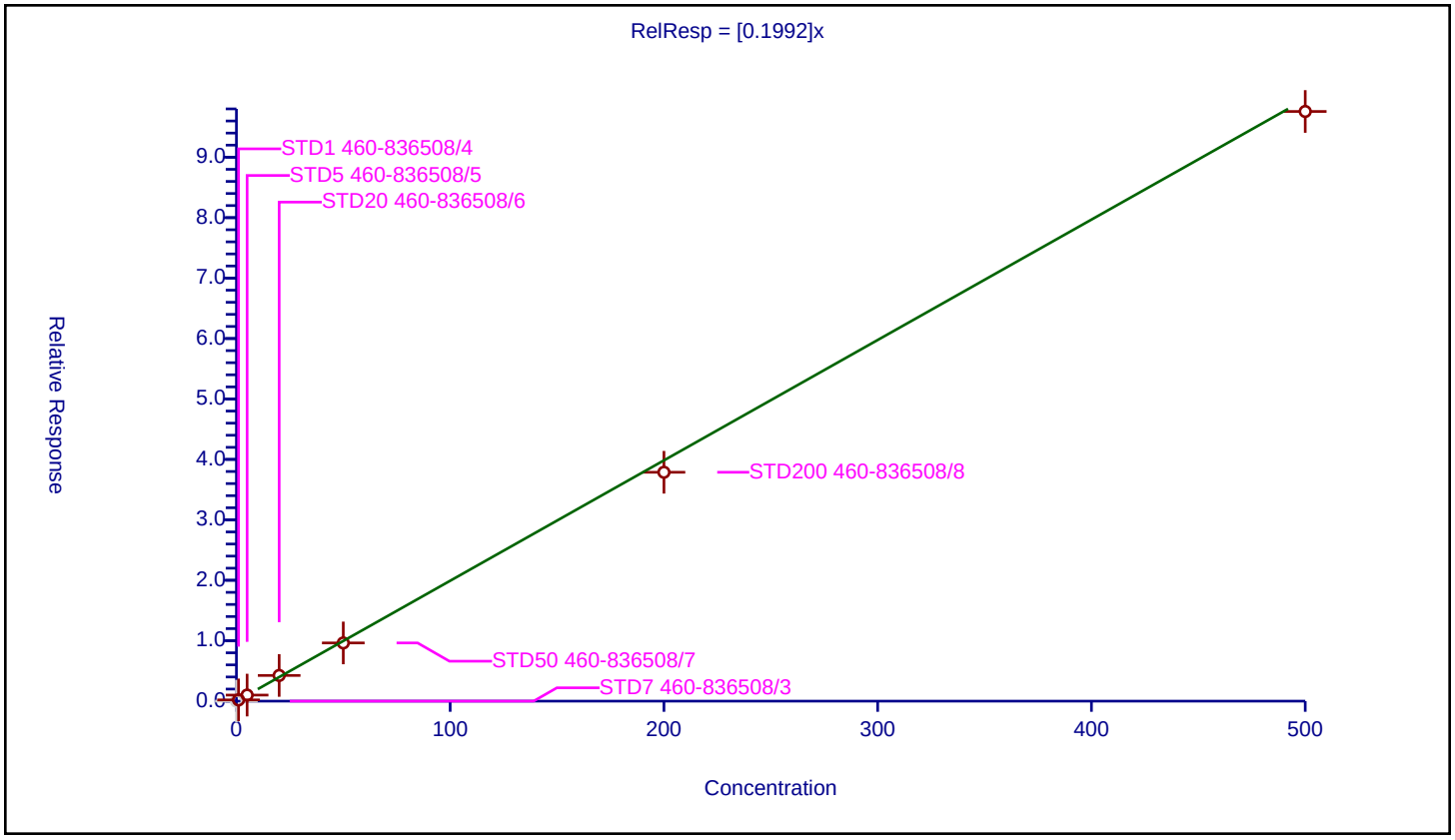
Curve Coefficients

Intercept:	0
Slope:	0.1992

Error Coefficients

Standard Error:	628000
Relative Standard Error:	4.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.205245	50.0	568102.0	0.205245	Y
3	STD5 460-836508/5	5.0	1.001492	50.0	598607.0	0.200298	Y
4	STD20 460-836508/6	20.0	4.249614	50.0	580888.0	0.212481	Y
5	STD50 460-836508/7	50.0	9.632007	50.0	578218.0	0.19264	Y
6	STD200 460-836508/8	200.0	37.872312	50.0	707505.0	0.189362	Y
7	STD500 460-836508/9	500.0	97.57278	50.0	662404.0	0.195146	Y



Calibration / n-Propyl acetate

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

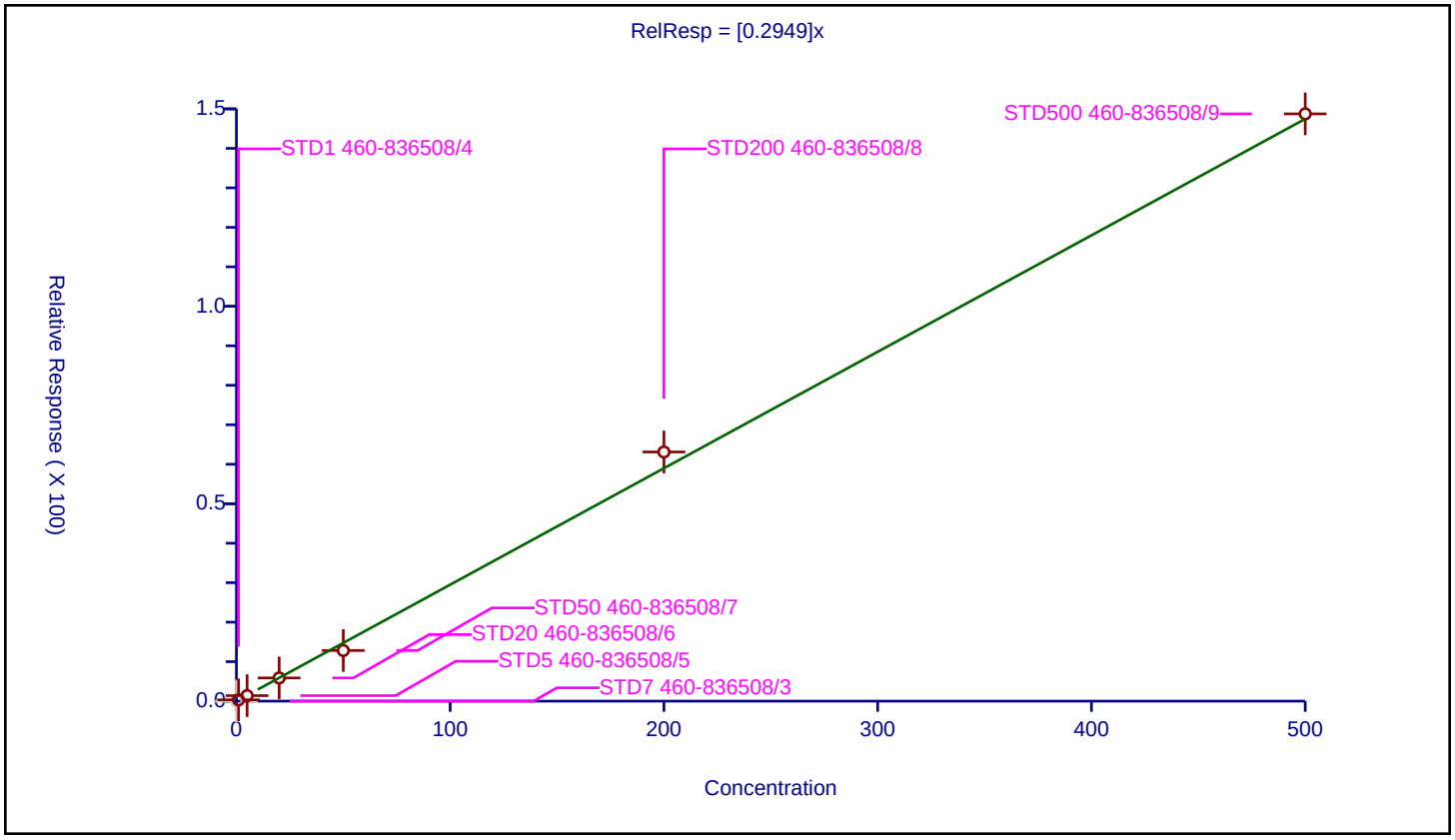
Curve Coefficients

Intercept:	0
Slope:	0.2949

Error Coefficients

Standard Error:	970000
Relative Standard Error:	8.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.327318	50.0	568102.0	0.327318	Y
3	STD5 460-836508/5	5.0	1.396075	50.0	598607.0	0.279215	Y
4	STD20 460-836508/6	20.0	5.869548	50.0	580888.0	0.293477	Y
5	STD50 460-836508/7	50.0	12.825094	50.0	578218.0	0.256502	Y
6	STD200 460-836508/8	200.0	63.111921	50.0	707505.0	0.31556	Y
7	STD500 460-836508/9	500.0	148.739515	50.0	662404.0	0.297479	Y



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

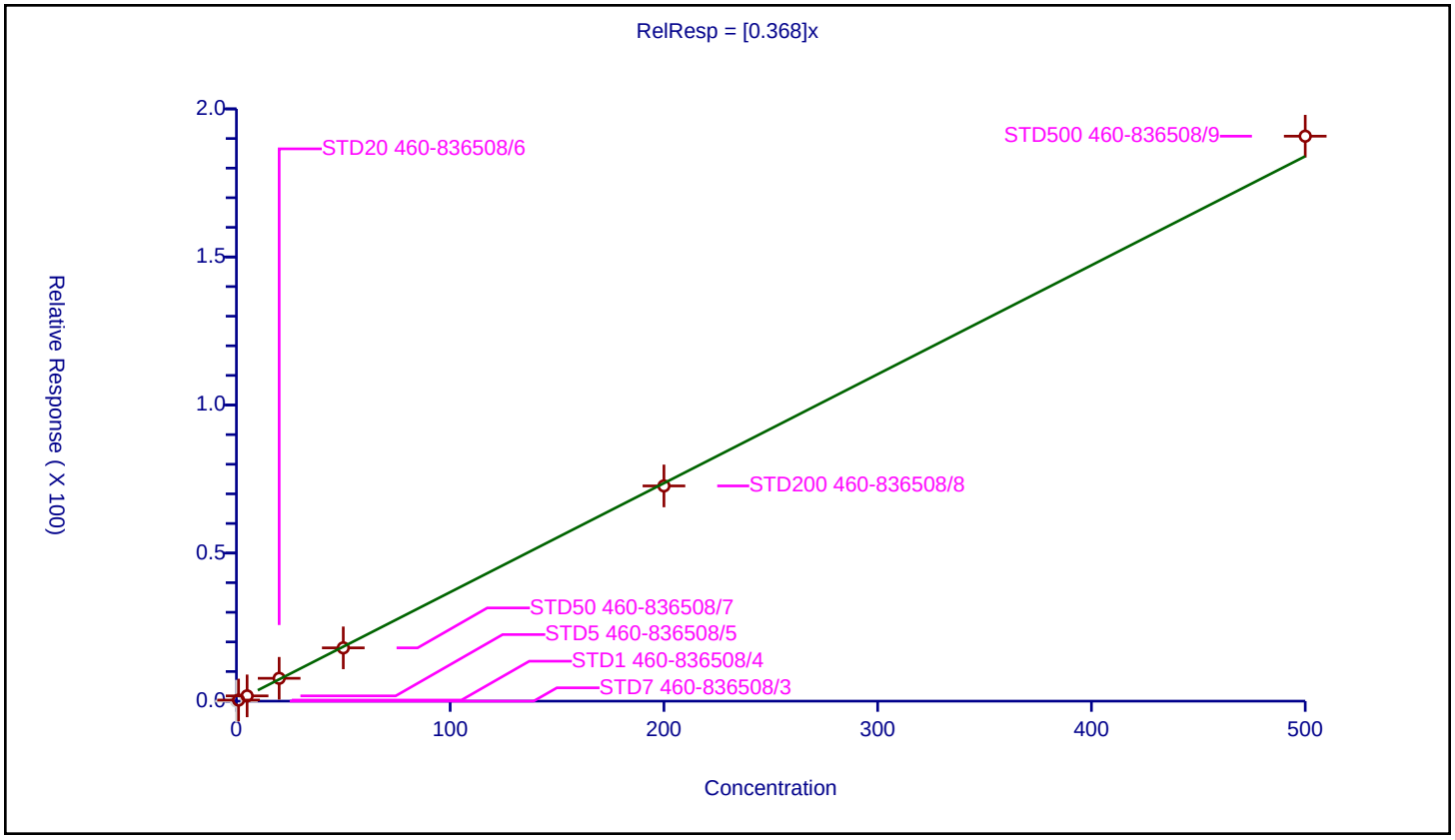
Curve Coefficients

Intercept:	0
Slope:	0.368

Error Coefficients

Standard Error:	1220000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.361467	50.0	568102.0	0.361467	Y
3	STD5 460-836508/5	5.0	1.779799	50.0	598607.0	0.35596	Y
4	STD20 460-836508/6	20.0	7.715171	50.0	580888.0	0.385759	Y
5	STD50 460-836508/7	50.0	17.991052	50.0	578218.0	0.359821	Y
6	STD200 460-836508/8	200.0	72.681889	50.0	707505.0	0.363409	Y
7	STD500 460-836508/9	500.0	190.783042	50.0	662404.0	0.381566	Y



Calibration / 2-Nitropropane

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

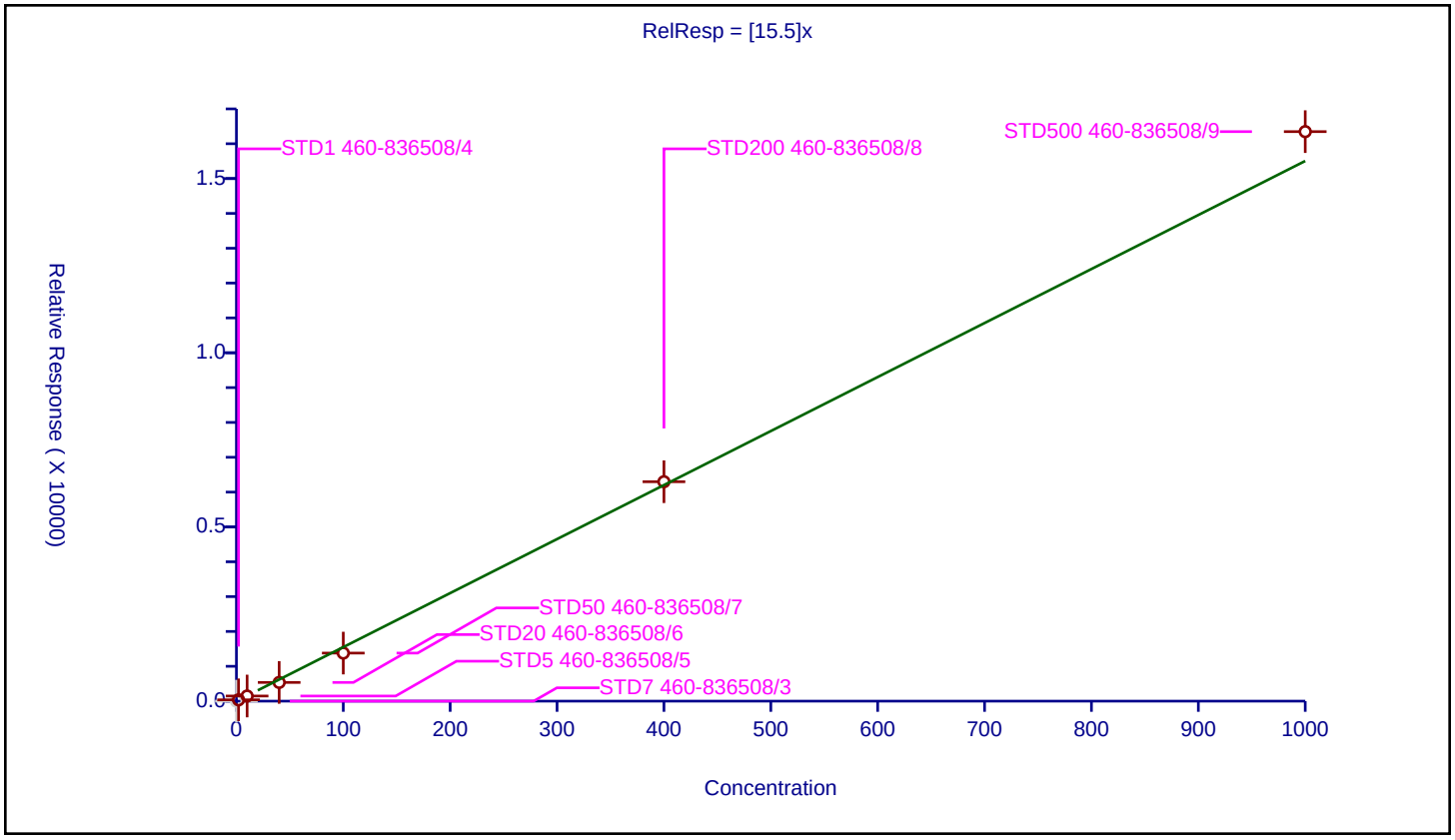
Curve Coefficients

Intercept:	0
Slope:	15.5

Error Coefficients

Standard Error:	395000
Relative Standard Error:	13.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	1000.0	35859.0	NaN	N
2	STD1 460-836508/4	2.0	38.033328	1000.0	41227.0	19.016664	Y
3	STD5 460-836508/5	10.0	147.035653	1000.0	39351.0	14.703565	Y
4	STD20 460-836508/6	40.0	536.796036	1000.0	43184.0	13.419901	Y
5	STD50 460-836508/7	100.0	1379.406502	1000.0	43033.0	13.794065	Y
6	STD200 460-836508/8	400.0	6298.09352	1000.0	51561.0	15.745234	Y
7	STD500 460-836508/9	1000.0	16346.760822	1000.0	51263.0	16.346761	Y



Calibration / 2-Chloroethyl vinyl ether

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

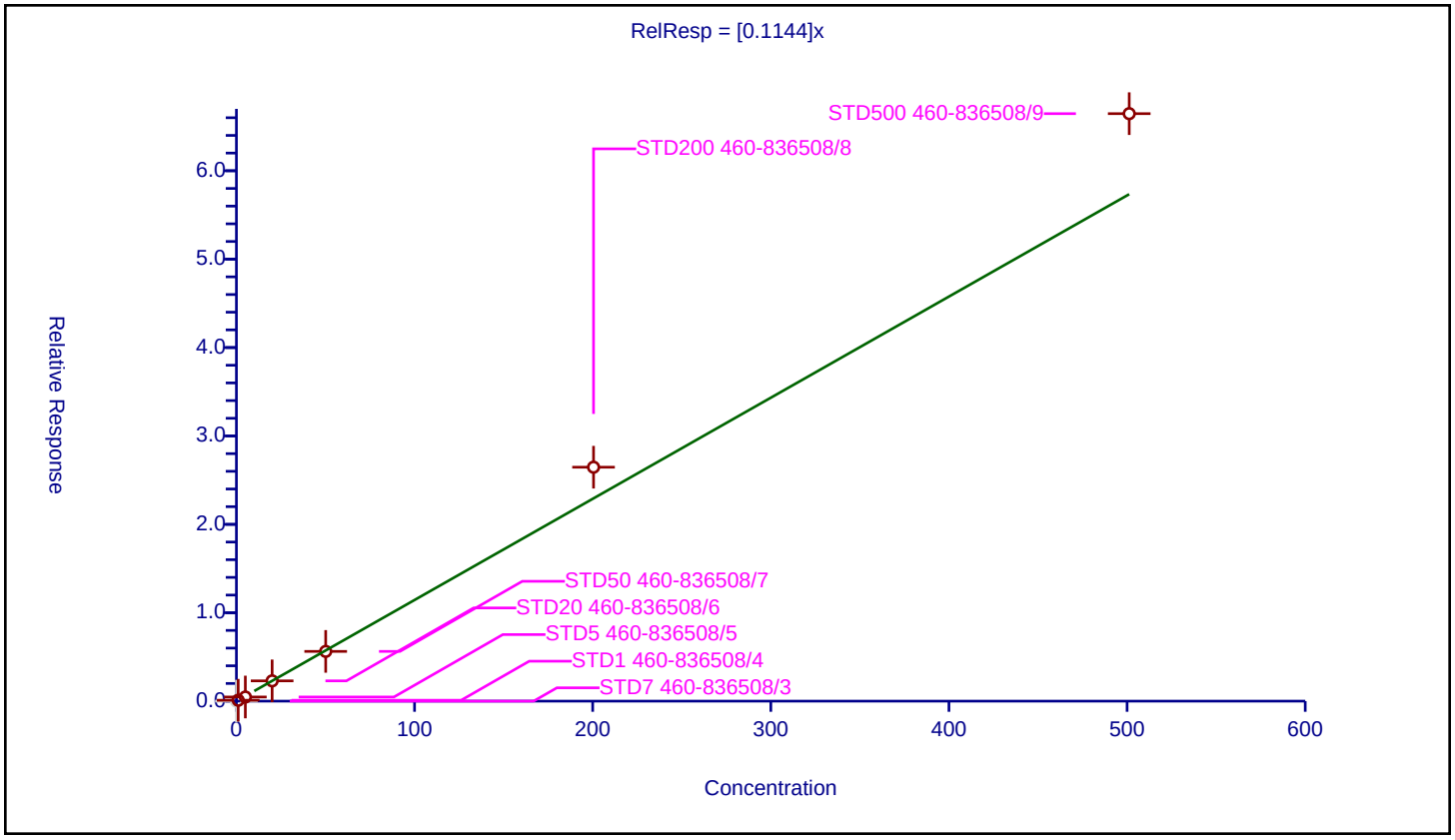
Curve Coefficients

Intercept:	0
Slope:	0.1144

Error Coefficients

Standard Error:	429000
Relative Standard Error:	13.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0024	0.101918	50.0	568102.0	0.101674	Y
3	STD5 460-836508/5	5.012	0.469006	50.0	598607.0	0.093577	Y
4	STD20 460-836508/6	20.048	2.293299	50.0	580888.0	0.11439	Y
5	STD50 460-836508/7	50.12	5.626857	50.0	578218.0	0.112268	Y
6	STD200 460-836508/8	200.48	26.464336	50.0	707505.0	0.132005	Y
7	STD500 460-836508/9	501.2	66.459744	50.0	662404.0	0.132601	Y



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

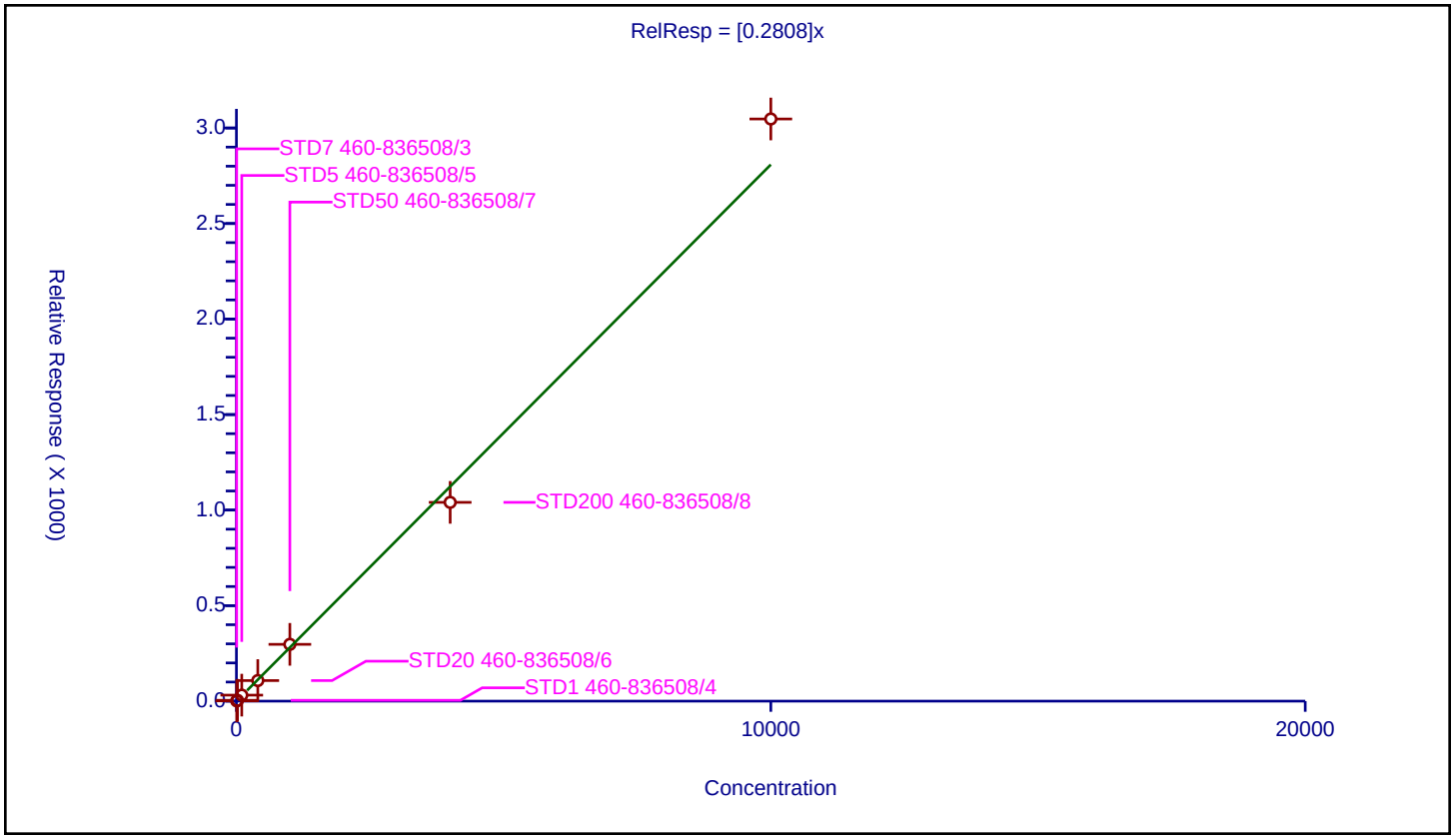
Curve Coefficients

Intercept:	0
Slope:	0.2808

Error Coefficients

Standard Error:	1480000
Relative Standard Error:	12.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	5.000009	1.506426	250.0	198483.0	0.301285	Y
2	STD1 460-836508/4	20.000035	4.374237	250.0	255416.0	0.218711	Y
3	STD5 460-836508/5	100.000173	31.441359	250.0	222096.0	0.314413	Y
4	STD20 460-836508/6	400.000692	107.723413	250.0	259665.0	0.269308	Y
5	STD50 460-836508/7	1000.00173	297.329299	250.0	221908.0	0.297329	Y
6	STD200 460-836508/8	4000.00692	1040.458256	250.0	316635.0	0.260114	Y
7	STD500 460-836508/9	10000.0173	3047.188962	250.0	276108.0	0.304718	Y



Calibration / cis-1,3-Dichloropropene

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

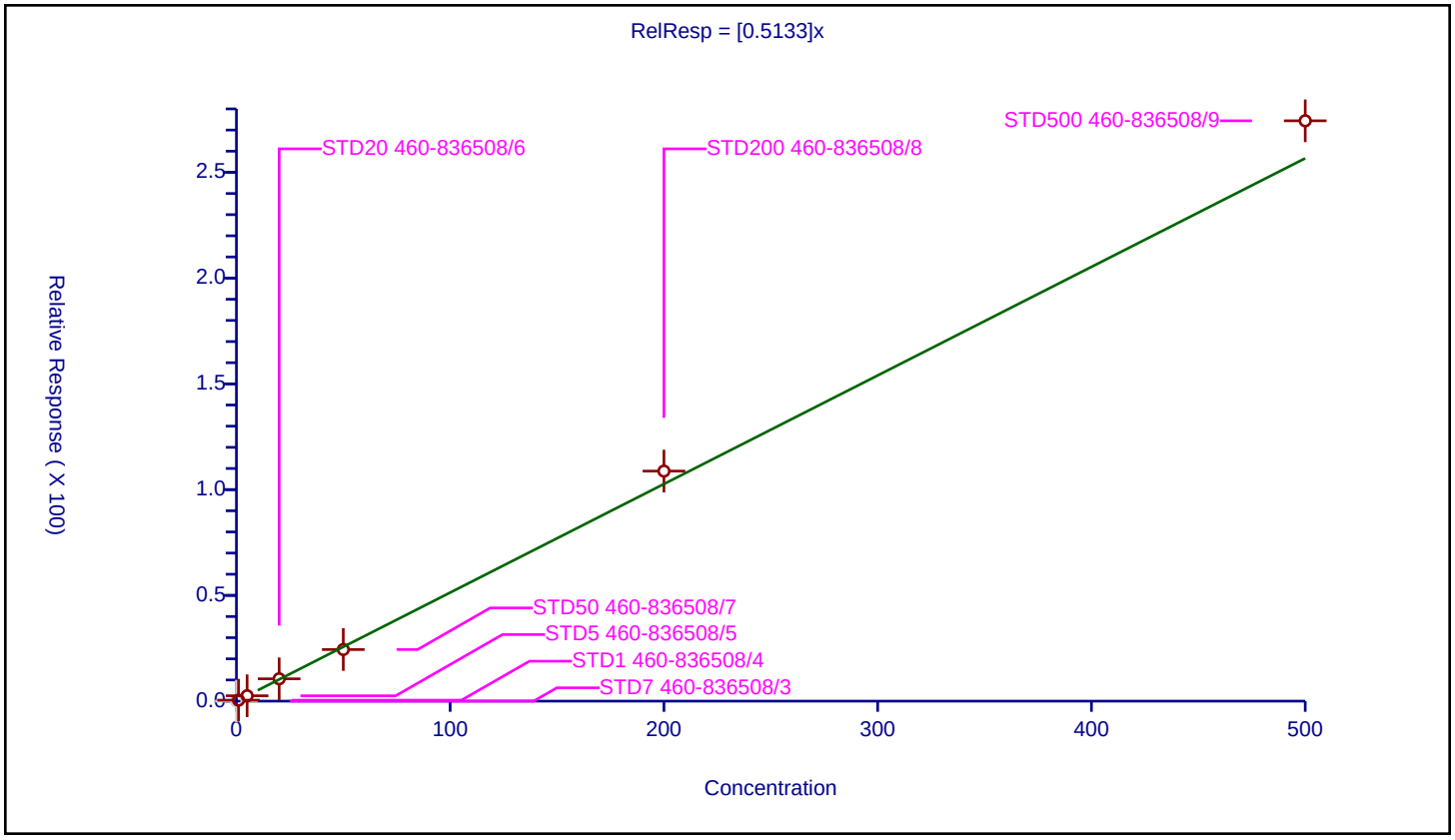
Curve Coefficients

Intercept:	0
Slope:	0.5133

Error Coefficients

Standard Error:	1470000
Relative Standard Error:	6.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	431824.0	NaN	N
2	STD1 460-836508/4	1.0	0.46382	50.0	467315.0	0.46382	Y
3	STD5 460-836508/5	5.0	2.535517	50.0	479212.0	0.507103	Y
4	STD20 460-836508/6	20.0	10.563815	50.0	473560.0	0.528191	Y
5	STD50 460-836508/7	50.0	24.39672	50.0	498856.0	0.487934	Y
6	STD200 460-836508/8	200.0	108.766671	50.0	546456.0	0.543833	Y
7	STD500 460-836508/9	500.0	274.365315	50.0	557009.0	0.548731	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

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

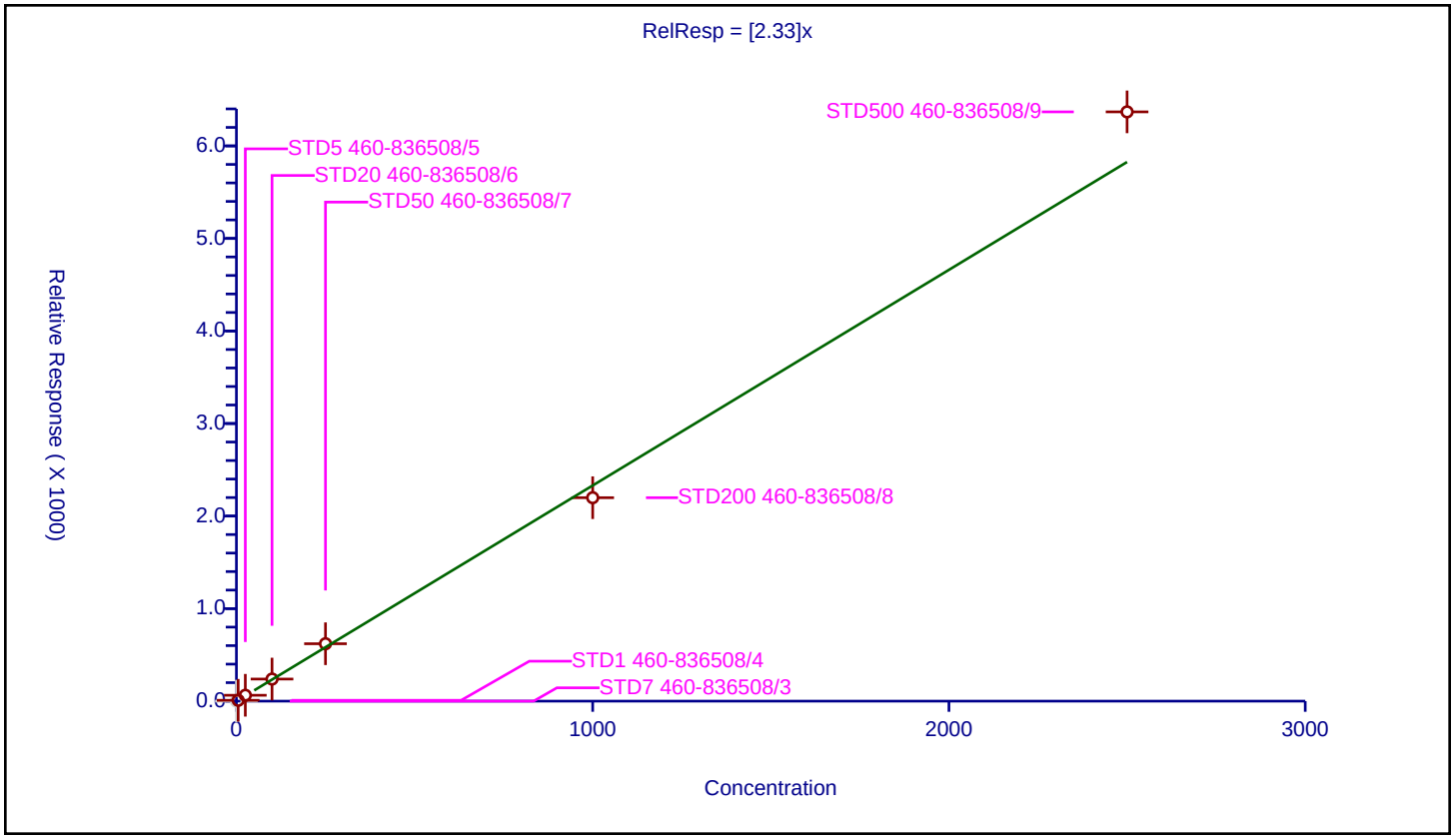
Curve Coefficients

Intercept:	0
Slope:	2.33

Error Coefficients

Standard Error:	3390000
Relative Standard Error:	12.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	250.0	198483.0	NaN	N
2	STD1 460-836508/4	5.0	9.135097	250.0	255416.0	1.827019	Y
3	STD5 460-836508/5	25.0	63.546845	250.0	222096.0	2.541874	Y
4	STD20 460-836508/6	100.0	238.613213	250.0	259665.0	2.386132	Y
5	STD50 460-836508/7	250.0	620.460957	250.0	221908.0	2.481844	Y
6	STD200 460-836508/8	1000.0	2198.485638	250.0	316635.0	2.198486	Y
7	STD500 460-836508/9	2500.0	6367.745592	250.0	276108.0	2.547098	Y



Calibration / Toluene-d8 (Surr)

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

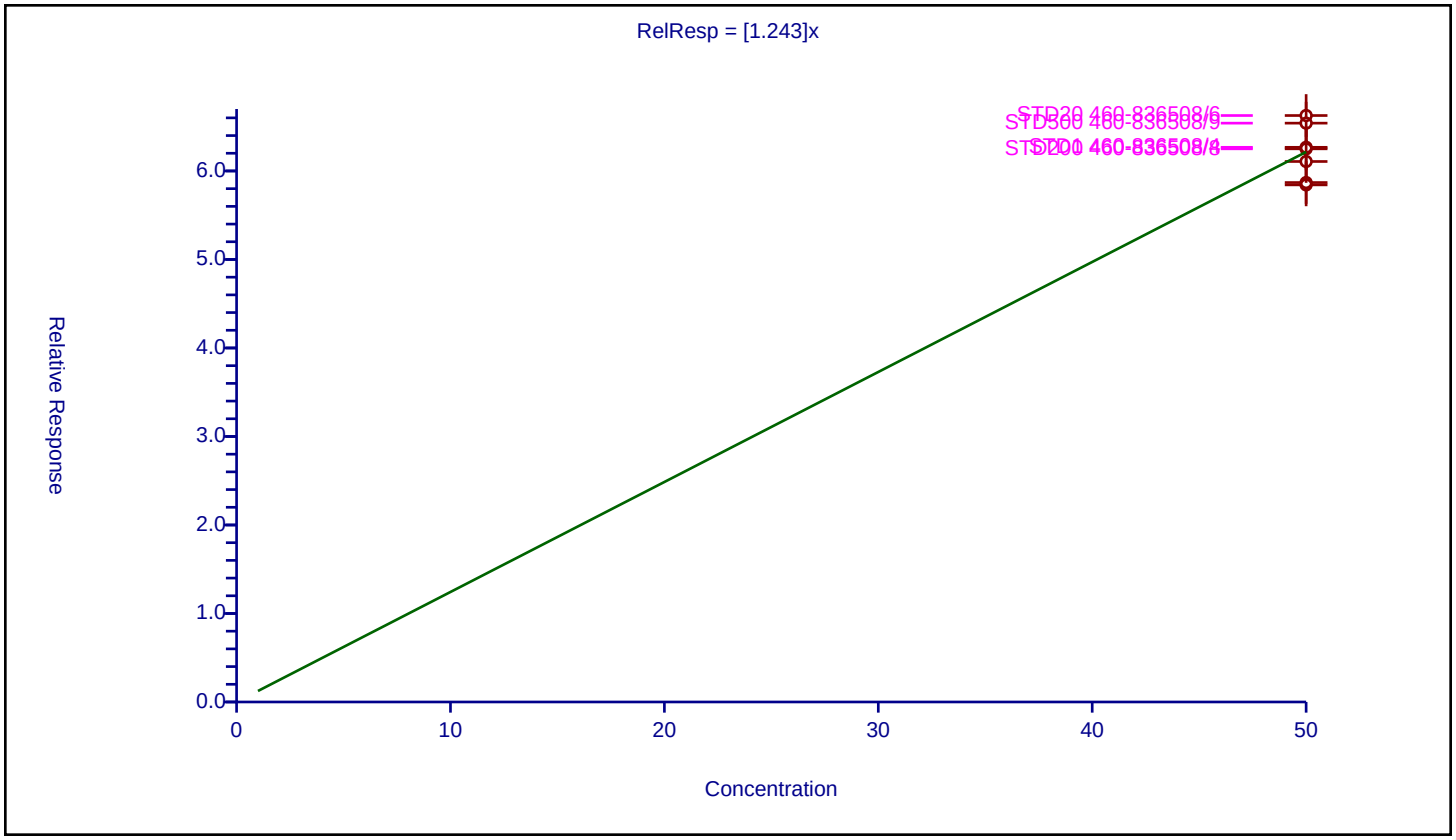
Curve Coefficients

Intercept:	0
Slope:	1.243

Error Coefficients

Standard Error:	667000
Relative Standard Error:	4.9
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	50.0	58.691851	50.0	431824.0	1.173837	Y
2	STD1 460-836508/4	50.0	62.671859	50.0	467315.0	1.253437	Y
3	STD5 460-836508/5	50.0	61.071613	50.0	479212.0	1.221432	Y
4	STD20 460-836508/6	50.0	66.264043	50.0	473560.0	1.325281	Y
5	STD50 460-836508/7	50.0	58.427883	50.0	498856.0	1.168558	Y
6	STD200 460-836508/8	50.0	62.50247	50.0	546456.0	1.250049	Y
7	STD500 460-836508/9	50.0	65.404329	50.0	557009.0	1.308087	Y



Calibration / Toluene

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

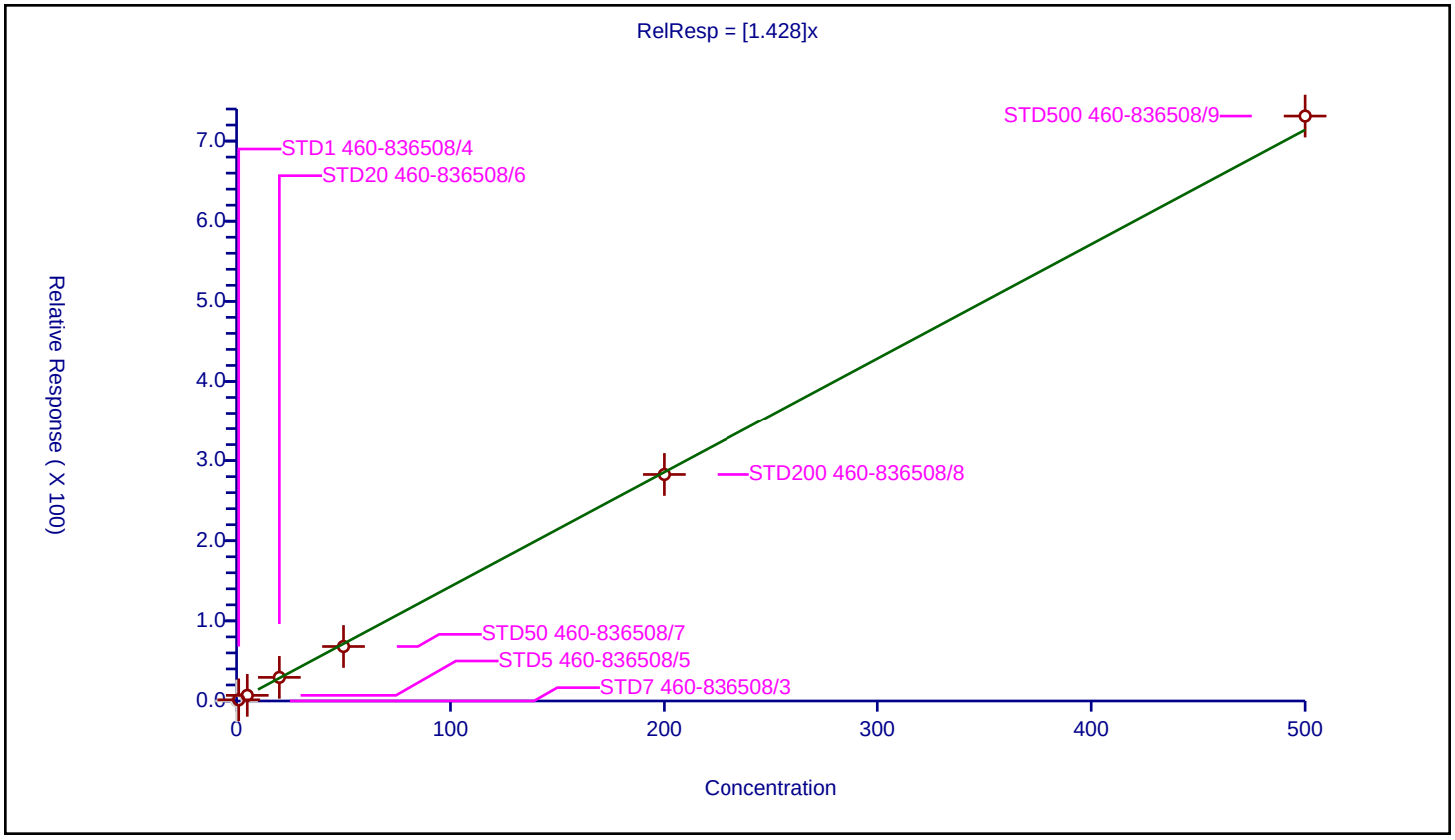
Curve Coefficients

Intercept:	0
Slope:	1.428

Error Coefficients

Standard Error:	3910000
Relative Standard Error:	3.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	431824.0	NaN	N
2	STD1 460-836508/4	1.0	1.454907	50.0	467315.0	1.454907	Y
3	STD5 460-836508/5	5.0	7.021631	50.0	479212.0	1.404326	Y
4	STD20 460-836508/6	20.0	29.464376	50.0	473560.0	1.473219	Y
5	STD50 460-836508/7	50.0	68.001187	50.0	498856.0	1.360024	Y
6	STD200 460-836508/8	200.0	282.668321	50.0	546456.0	1.413342	Y
7	STD500 460-836508/9	500.0	731.227592	50.0	557009.0	1.462455	Y



Calibration / trans-1,3-Dichloropropene

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

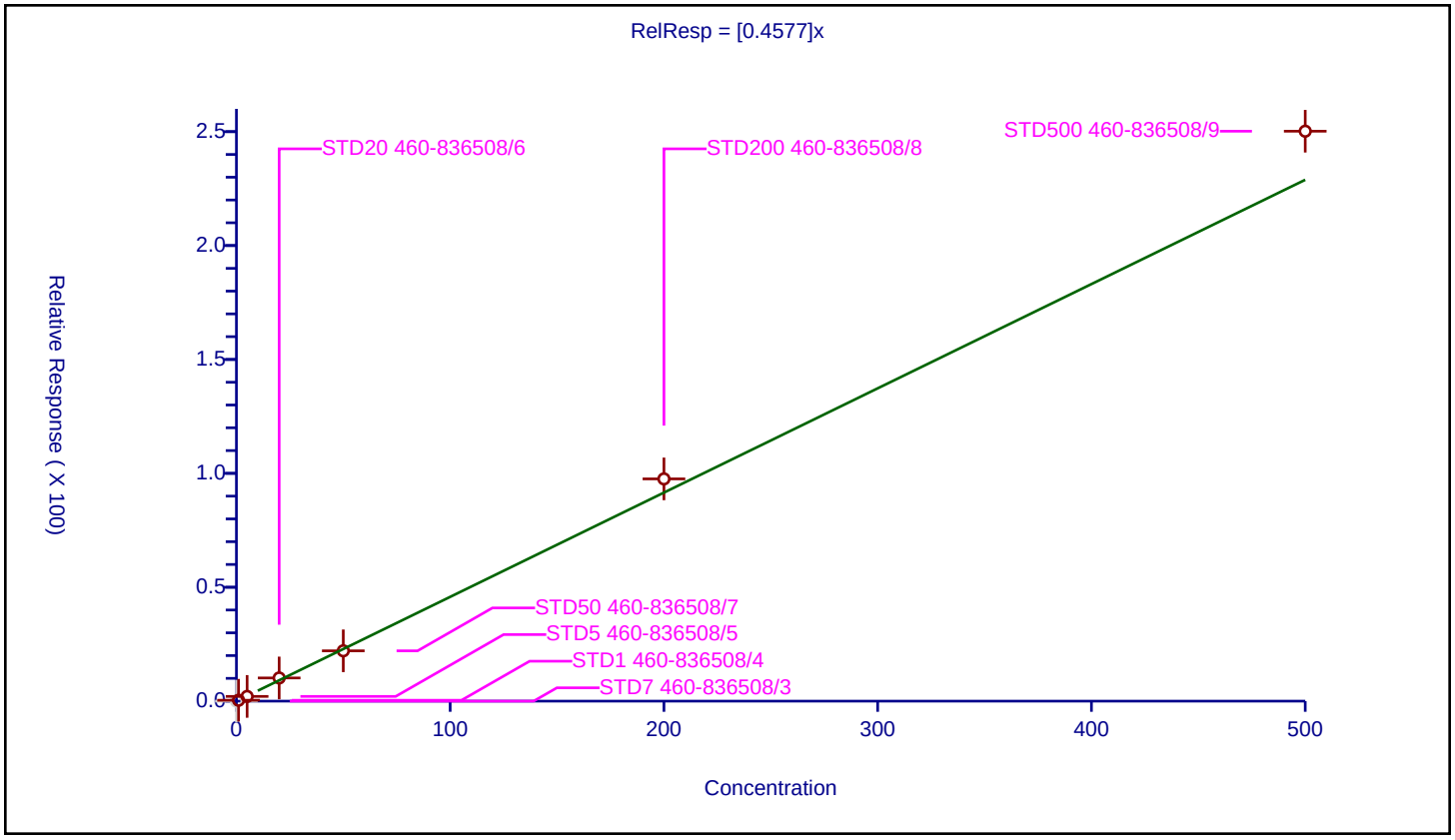
Curve Coefficients

Intercept:	0
Slope:	0.4577

Error Coefficients

Standard Error:	1340000
Relative Standard Error:	10.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	431824.0	NaN	N
2	STD1 460-836508/4	1.0	0.393097	50.0	467315.0	0.393097	Y
3	STD5 460-836508/5	5.0	2.071004	50.0	479212.0	0.414201	Y
4	STD20 460-836508/6	20.0	10.182237	50.0	473560.0	0.509112	Y
5	STD50 460-836508/7	50.0	22.088138	50.0	498856.0	0.441763	Y
6	STD200 460-836508/8	200.0	97.567142	50.0	546456.0	0.487836	Y
7	STD500 460-836508/9	500.0	250.205203	50.0	557009.0	0.50041	Y



Calibration / Ethyl methacrylate

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

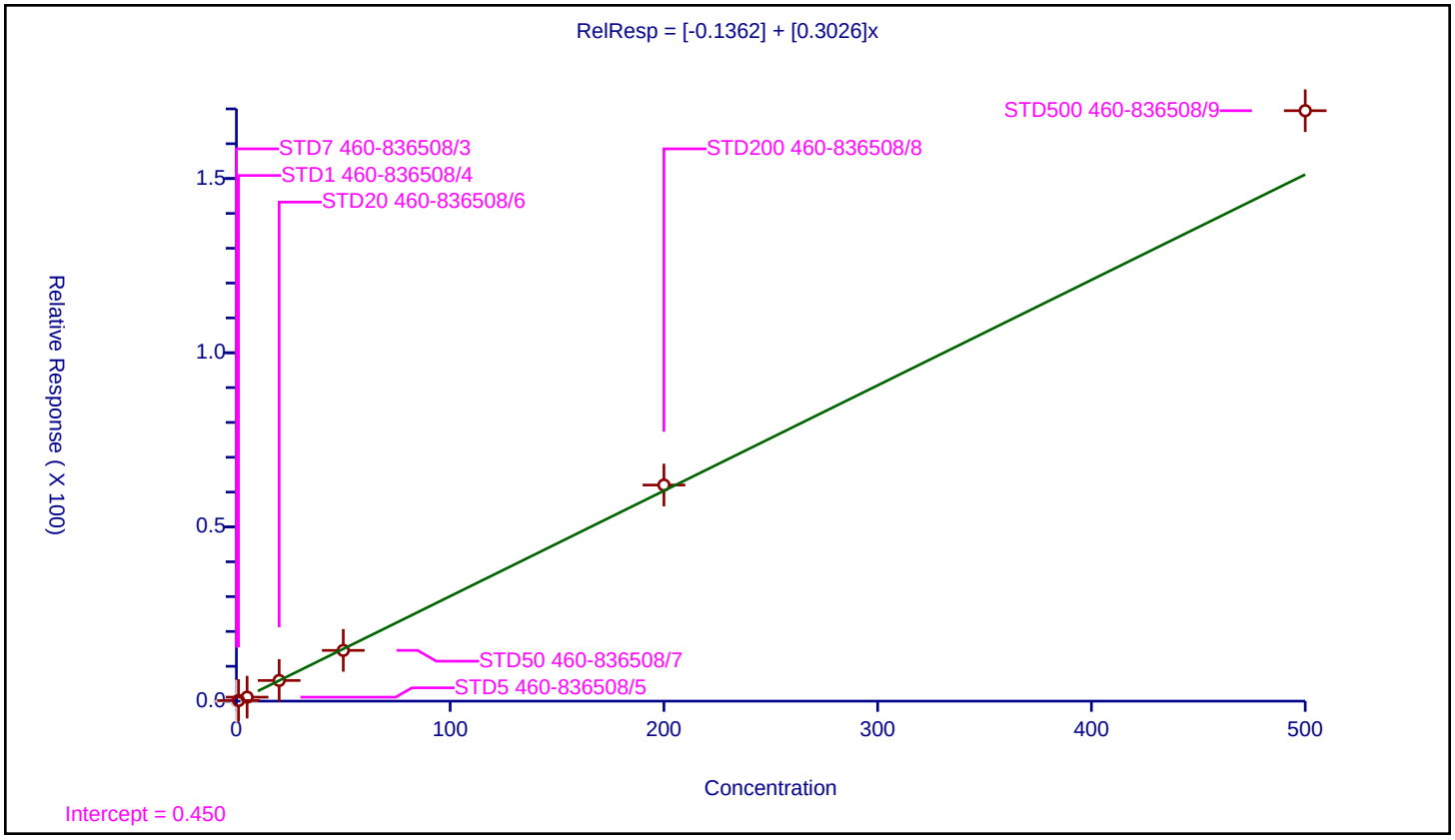
Curve Coefficients

Intercept:	-0.1362
Slope:	0.3026

Error Coefficients

Standard Error:	1210000
Relative Standard Error:	10.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	538186.0	NaN	N
2	STD1 460-836508/4	1.0	0.175761	50.0	568102.0	0.175761	Y
3	STD5 460-836508/5	5.0	1.14282	50.0	598607.0	0.228564	Y
4	STD20 460-836508/6	20.0	5.938494	50.0	580888.0	0.296925	Y
5	STD50 460-836508/7	50.0	14.566392	50.0	578218.0	0.291328	Y
6	STD200 460-836508/8	200.0	62.031434	50.0	707505.0	0.310157	Y
7	STD500 460-836508/9	500.0	169.479351	50.0	662404.0	0.338959	Y



Calibration / 1,1,2-Trichloroethane

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

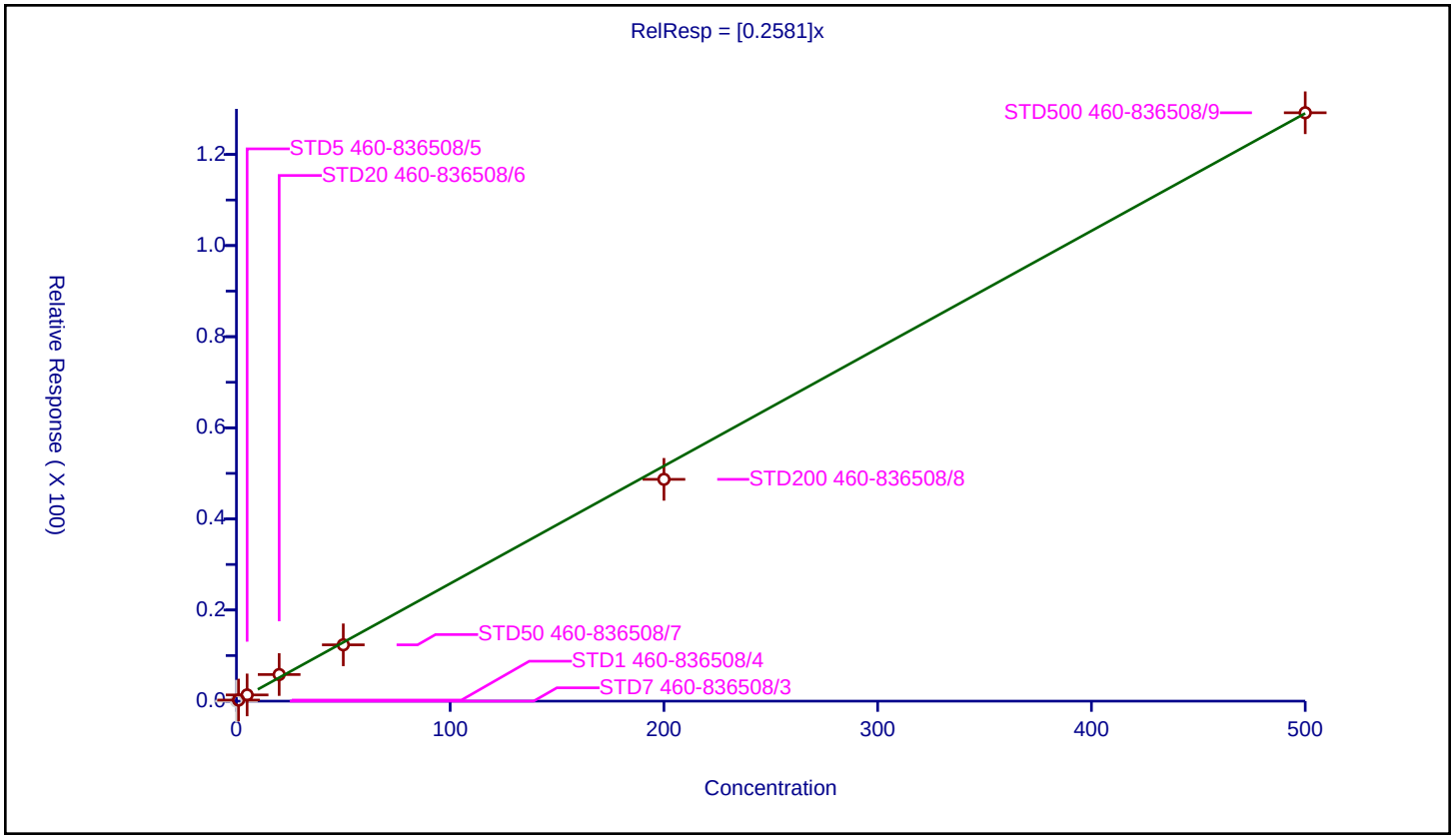
Curve Coefficients

Intercept:	0
Slope:	0.2581

Error Coefficients

Standard Error:	689000
Relative Standard Error:	8.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	431824.0	NaN	N
2	STD1 460-836508/4	1.0	0.234638	50.0	467315.0	0.234638	Y
3	STD5 460-836508/5	5.0	1.363697	50.0	479212.0	0.272739	Y
4	STD20 460-836508/6	20.0	5.838542	50.0	473560.0	0.291927	Y
5	STD50 460-836508/7	50.0	12.36469	50.0	498856.0	0.247294	Y
6	STD200 460-836508/8	200.0	48.686994	50.0	546456.0	0.243435	Y
7	STD500 460-836508/9	500.0	129.152222	50.0	557009.0	0.258304	Y



Calibration / Tetrachloroethene

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

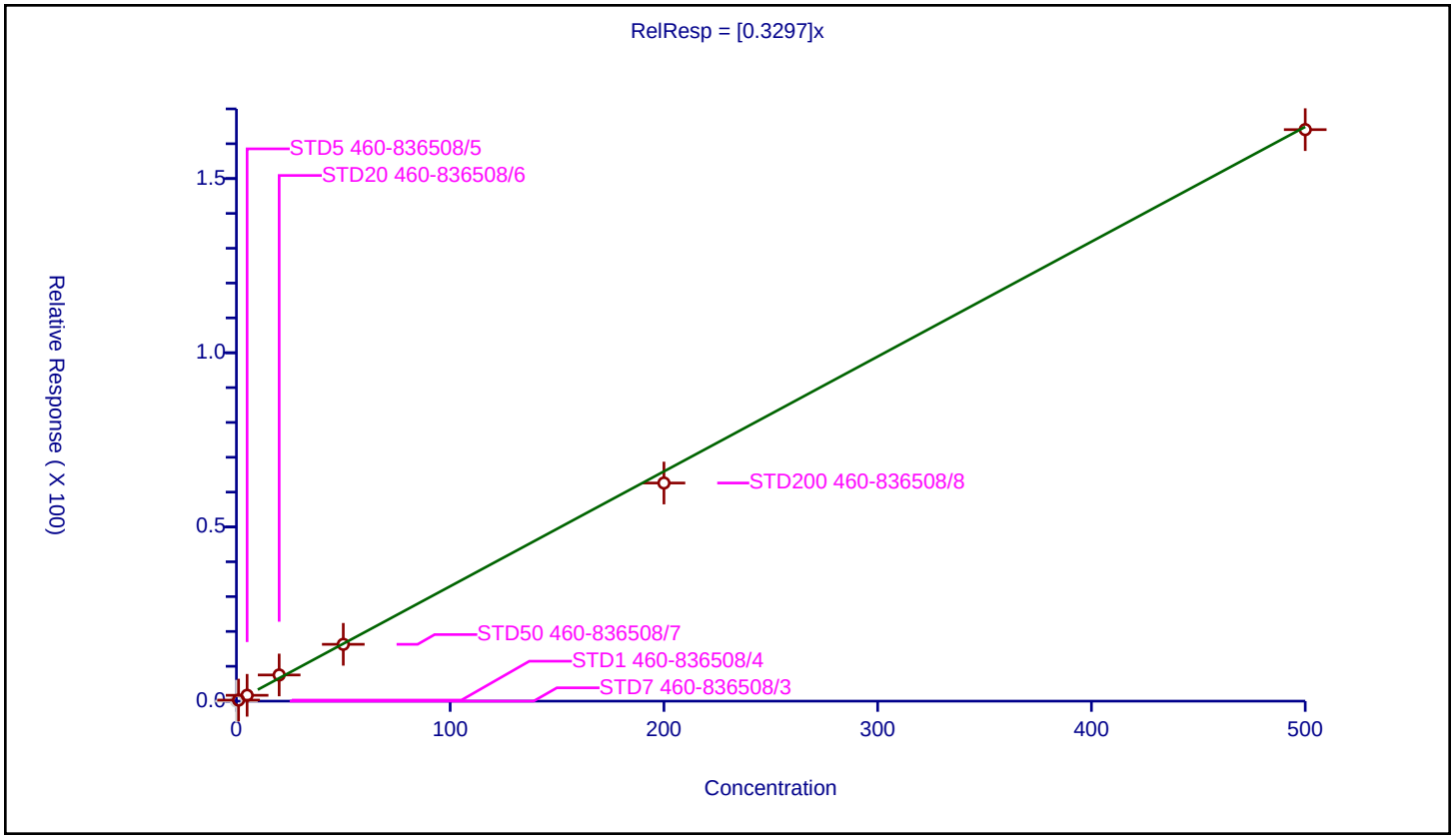
Curve Coefficients

Intercept:	0
Slope:	0.3297

Error Coefficients

Standard Error:	876000
Relative Standard Error:	7.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	431824.0	NaN	N
2	STD1 460-836508/4	1.0	0.299156	50.0	467315.0	0.299156	Y
3	STD5 460-836508/5	5.0	1.680467	50.0	479212.0	0.336093	Y
4	STD20 460-836508/6	20.0	7.513831	50.0	473560.0	0.375692	Y
5	STD50 460-836508/7	50.0	16.307612	50.0	498856.0	0.326152	Y
6	STD200 460-836508/8	200.0	62.605955	50.0	546456.0	0.31303	Y
7	STD500 460-836508/9	500.0	164.042502	50.0	557009.0	0.328085	Y



Calibration / 1,3-Dichloropropane

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

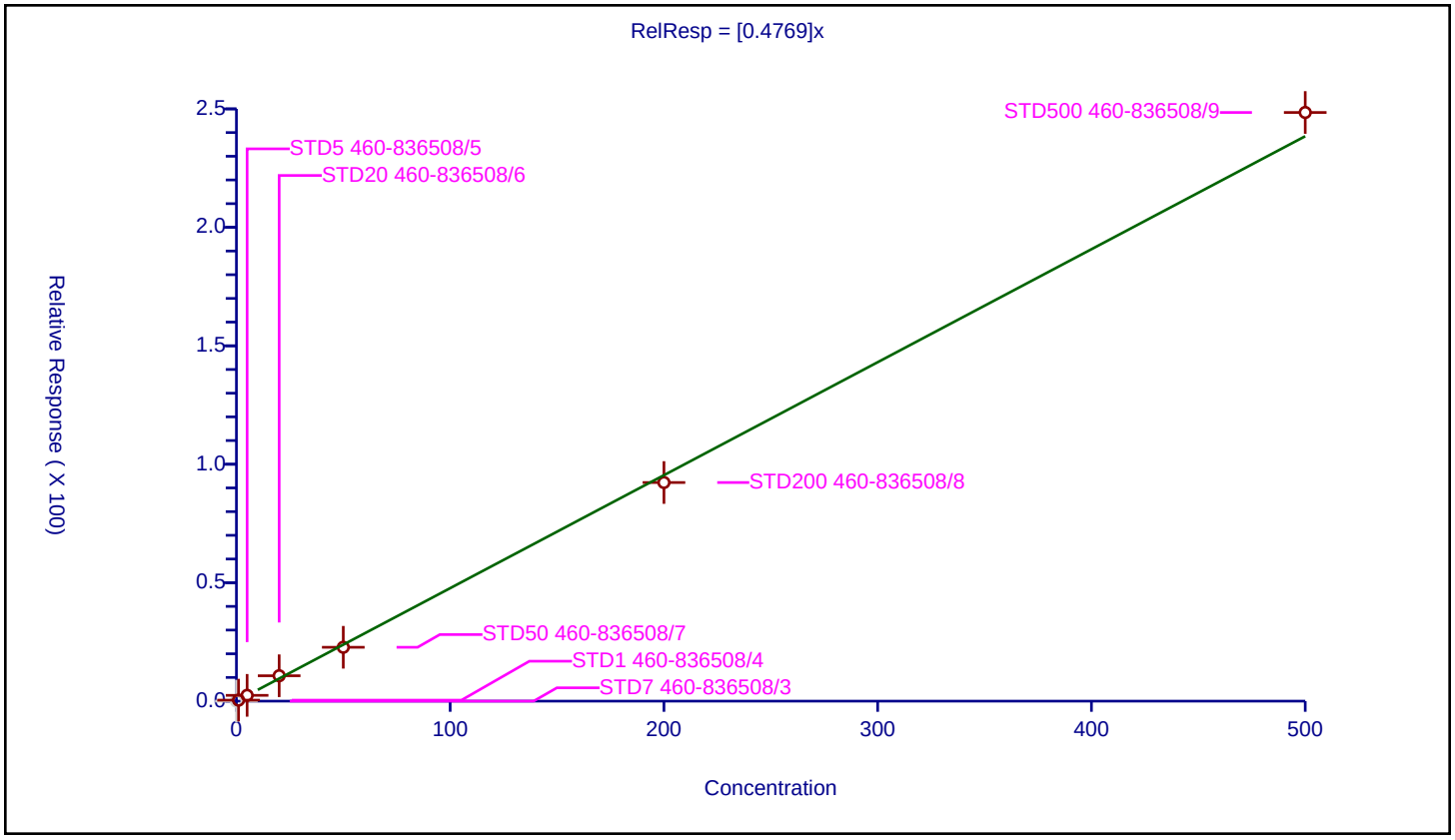
Curve Coefficients

Intercept:	0
Slope:	0.4769

Error Coefficients

Standard Error:	1320000
Relative Standard Error:	8.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	431824.0	NaN	N
2	STD1 460-836508/4	1.0	0.423911	50.0	467315.0	0.423911	Y
3	STD5 460-836508/5	5.0	2.440986	50.0	479212.0	0.488197	Y
4	STD20 460-836508/6	20.0	10.723245	50.0	473560.0	0.536162	Y
5	STD50 460-836508/7	50.0	22.738325	50.0	498856.0	0.454767	Y
6	STD200 460-836508/8	200.0	92.286113	50.0	546456.0	0.461431	Y
7	STD500 460-836508/9	500.0	248.48252	50.0	557009.0	0.496965	Y



Calibration / 2-Hexanone

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

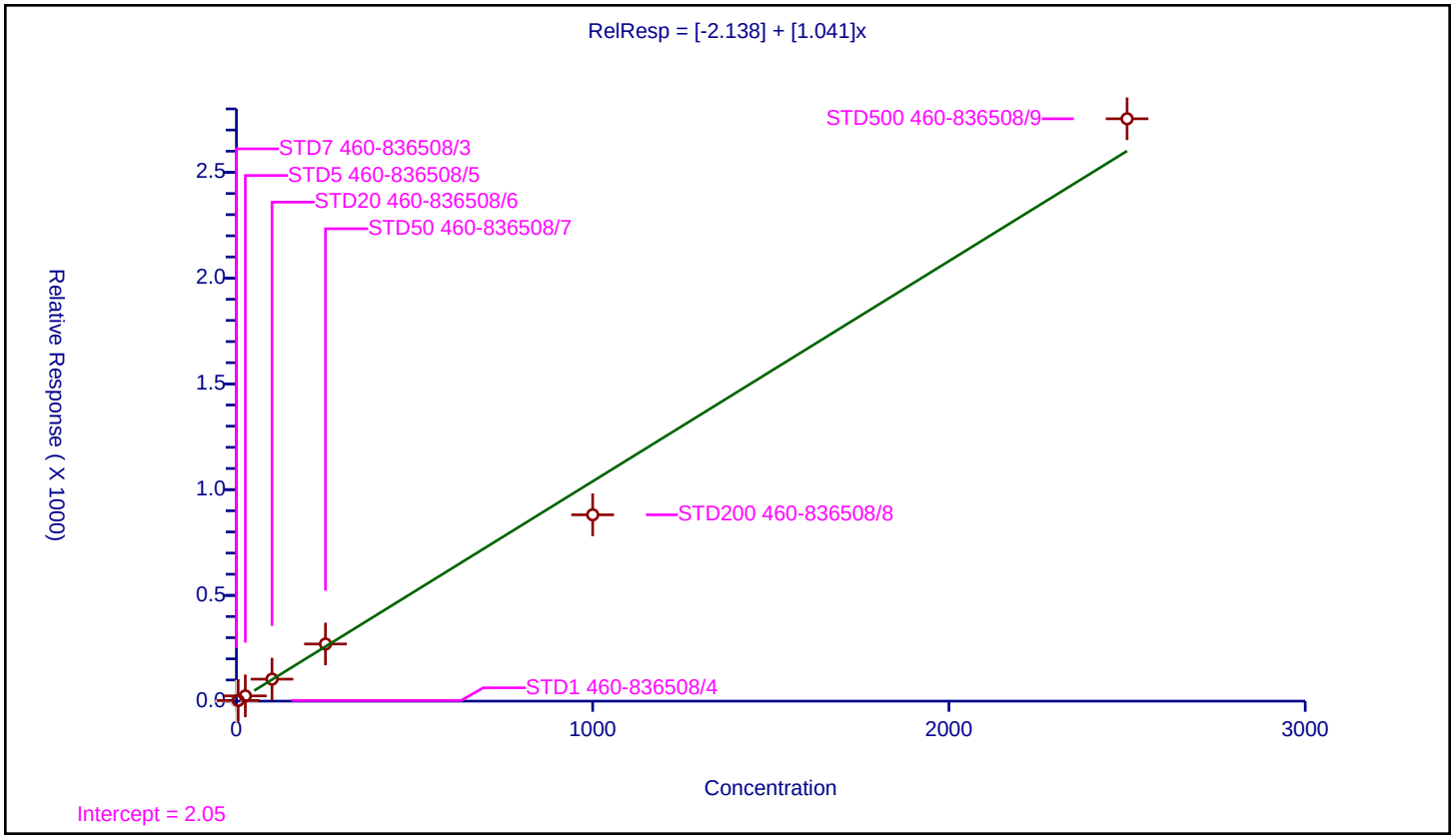
Curve Coefficients

Intercept:	-2.138
Slope:	1.041

Error Coefficients

Standard Error:	1620000
Relative Standard Error:	8.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	250.0	198483.0	NaN	N
2	STD1 460-836508/4	5.0	3.023499	250.0	255416.0	0.6047	Y
3	STD5 460-836508/5	25.0	24.865374	250.0	222096.0	0.994615	Y
4	STD20 460-836508/6	100.0	103.946431	250.0	259665.0	1.039464	Y
5	STD50 460-836508/7	250.0	270.142356	250.0	221908.0	1.080569	Y
6	STD200 460-836508/8	1000.0	881.040472	250.0	316635.0	0.88104	Y
7	STD500 460-836508/9	2500.0	2753.311204	250.0	276108.0	1.101324	Y



Calibration / n-Butyl acetate

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

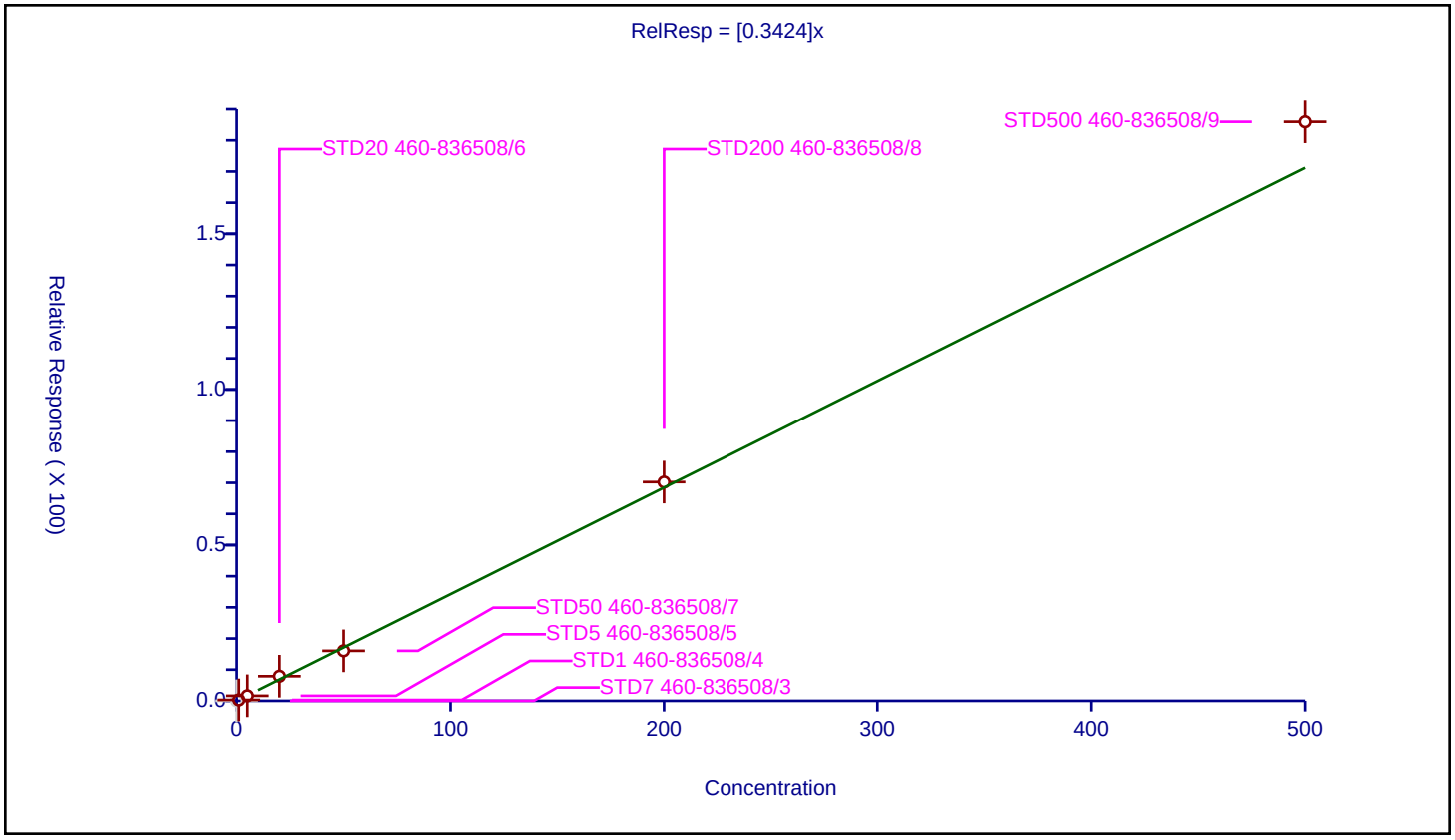
Curve Coefficients

Intercept:	0
Slope:	0.3424

Error Coefficients

Standard Error:	991000
Relative Standard Error:	11.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	431824.0	NaN	N
2	STD1 460-836508/4	1.0	0.291131	50.0	467315.0	0.291131	Y
3	STD5 460-836508/5	5.0	1.620473	50.0	479212.0	0.324095	Y
4	STD20 460-836508/6	20.0	7.899844	50.0	473560.0	0.394992	Y
5	STD50 460-836508/7	50.0	16.049622	50.0	498856.0	0.320992	Y
6	STD200 460-836508/8	200.0	70.246552	50.0	546456.0	0.351233	Y
7	STD500 460-836508/9	500.0	185.956421	50.0	557009.0	0.371913	Y



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

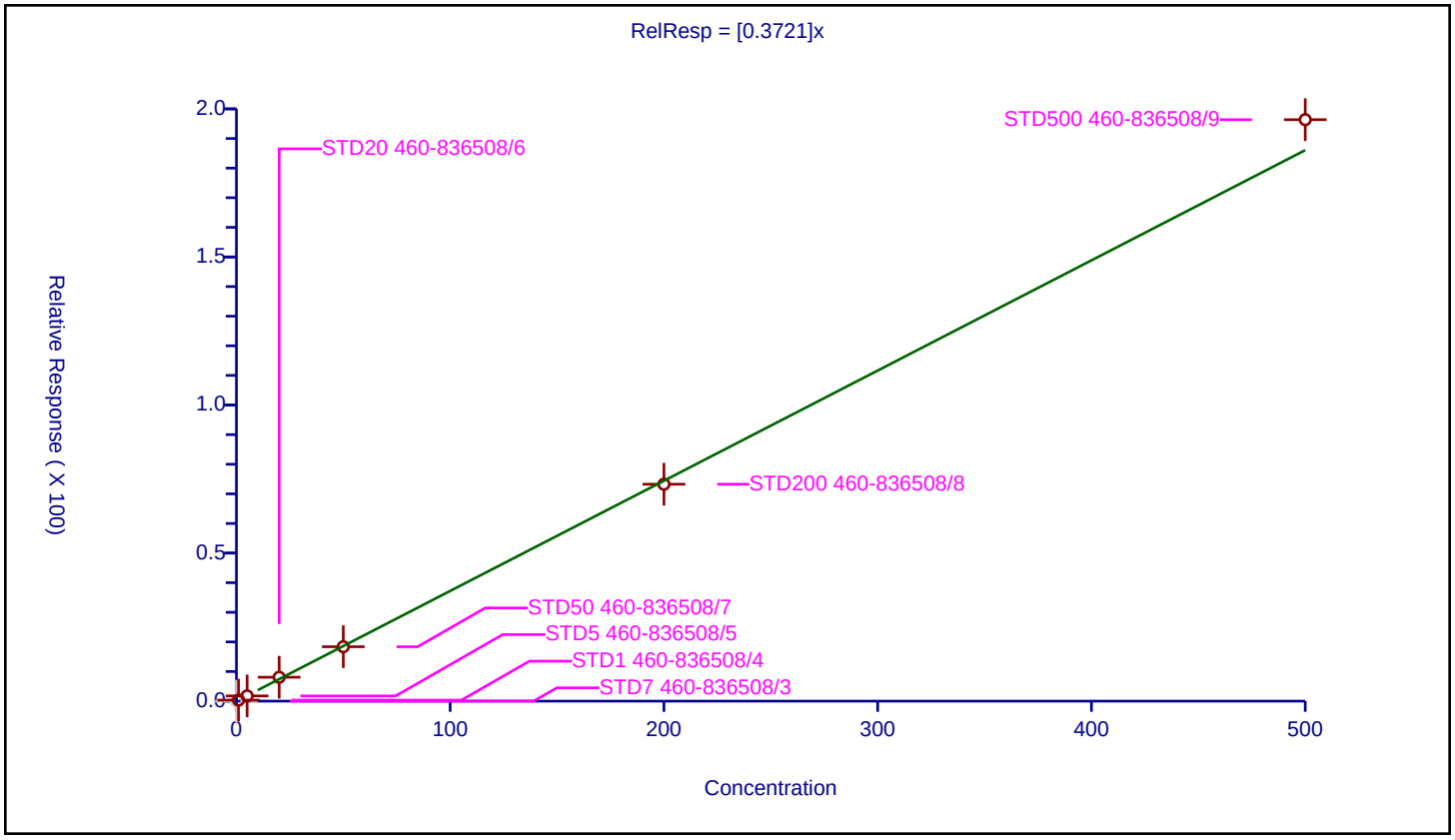
Curve Coefficients

Intercept:	0
Slope:	0.3721

Error Coefficients

Standard Error:	1050000
Relative Standard Error:	5.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	431824.0	NaN	N
2	STD1 460-836508/4	1.0	0.348908	50.0	467315.0	0.348908	Y
3	STD5 460-836508/5	5.0	1.769363	50.0	479212.0	0.353873	Y
4	STD20 460-836508/6	20.0	8.069833	50.0	473560.0	0.403492	Y
5	STD50 460-836508/7	50.0	18.373138	50.0	498856.0	0.367463	Y
6	STD200 460-836508/8	200.0	73.249905	50.0	546456.0	0.36625	Y
7	STD500 460-836508/9	500.0	196.355804	50.0	557009.0	0.392712	Y



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

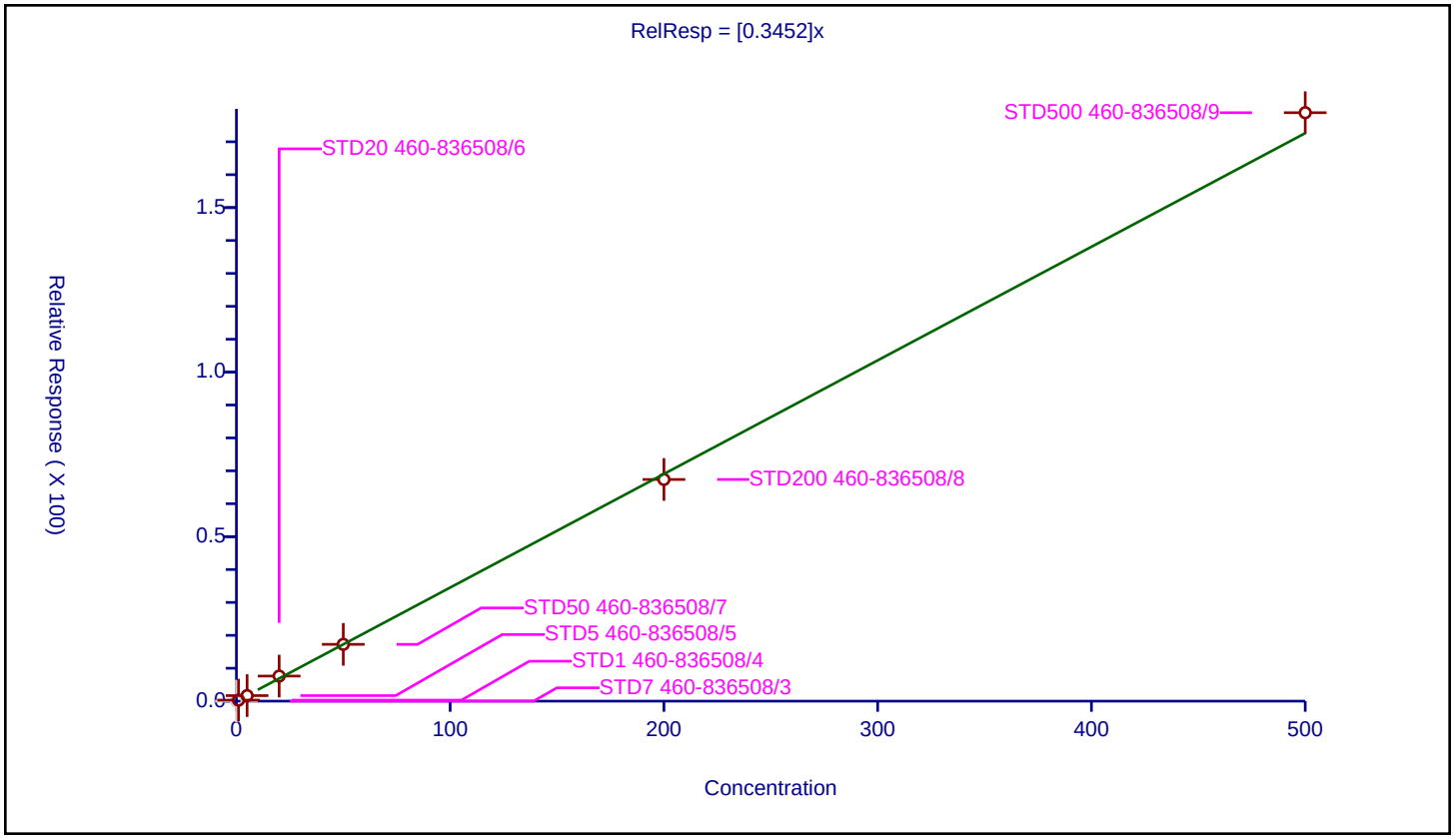
Curve Coefficients

Intercept:	0
Slope:	0.3452

Error Coefficients

Standard Error:	954000
Relative Standard Error:	6.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	431824.0	NaN	N
2	STD1 460-836508/4	1.0	0.314456	50.0	467315.0	0.314456	Y
3	STD5 460-836508/5	5.0	1.679945	50.0	479212.0	0.335989	Y
4	STD20 460-836508/6	20.0	7.624483	50.0	473560.0	0.381224	Y
5	STD50 460-836508/7	50.0	17.260492	50.0	498856.0	0.34521	Y
6	STD200 460-836508/8	200.0	67.365442	50.0	546456.0	0.336827	Y
7	STD500 460-836508/9	500.0	178.844507	50.0	557009.0	0.357689	Y



Calibration / Chlorobenzene

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

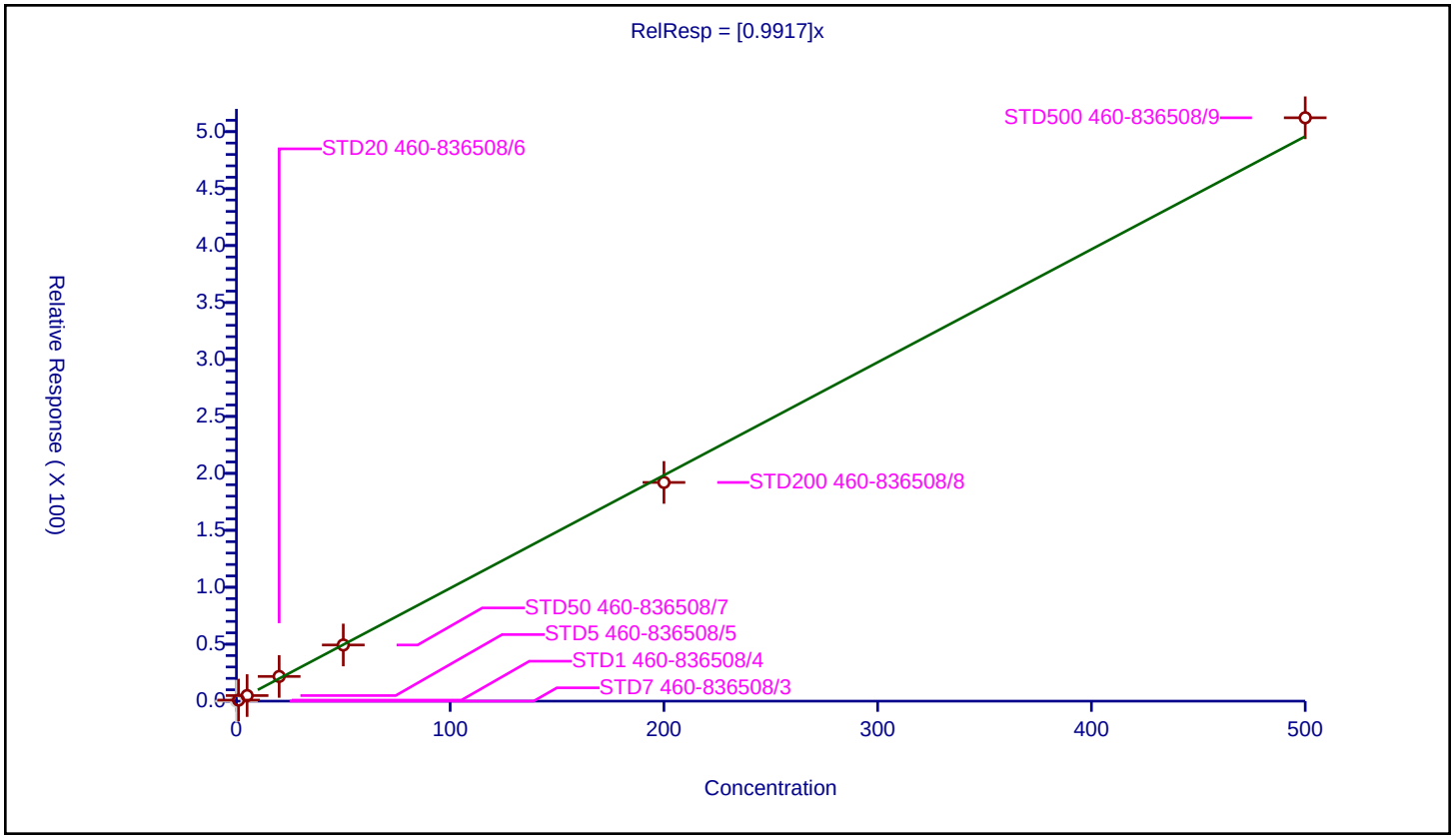
Curve Coefficients

Intercept:	0
Slope:	0.9917

Error Coefficients

Standard Error:	2730000
Relative Standard Error:	5.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	431824.0	NaN	N
2	STD1 460-836508/4	1.0	0.915228	50.0	467315.0	0.915228	Y
3	STD5 460-836508/5	5.0	4.898771	50.0	479212.0	0.979754	Y
4	STD20 460-836508/6	20.0	21.688698	50.0	473560.0	1.084435	Y
5	STD50 460-836508/7	50.0	49.310522	50.0	498856.0	0.98621	Y
6	STD200 460-836508/8	200.0	192.033119	50.0	546456.0	0.960166	Y
7	STD500 460-836508/9	500.0	512.205009	50.0	557009.0	1.02441	Y



Calibration / Ethylbenzene

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

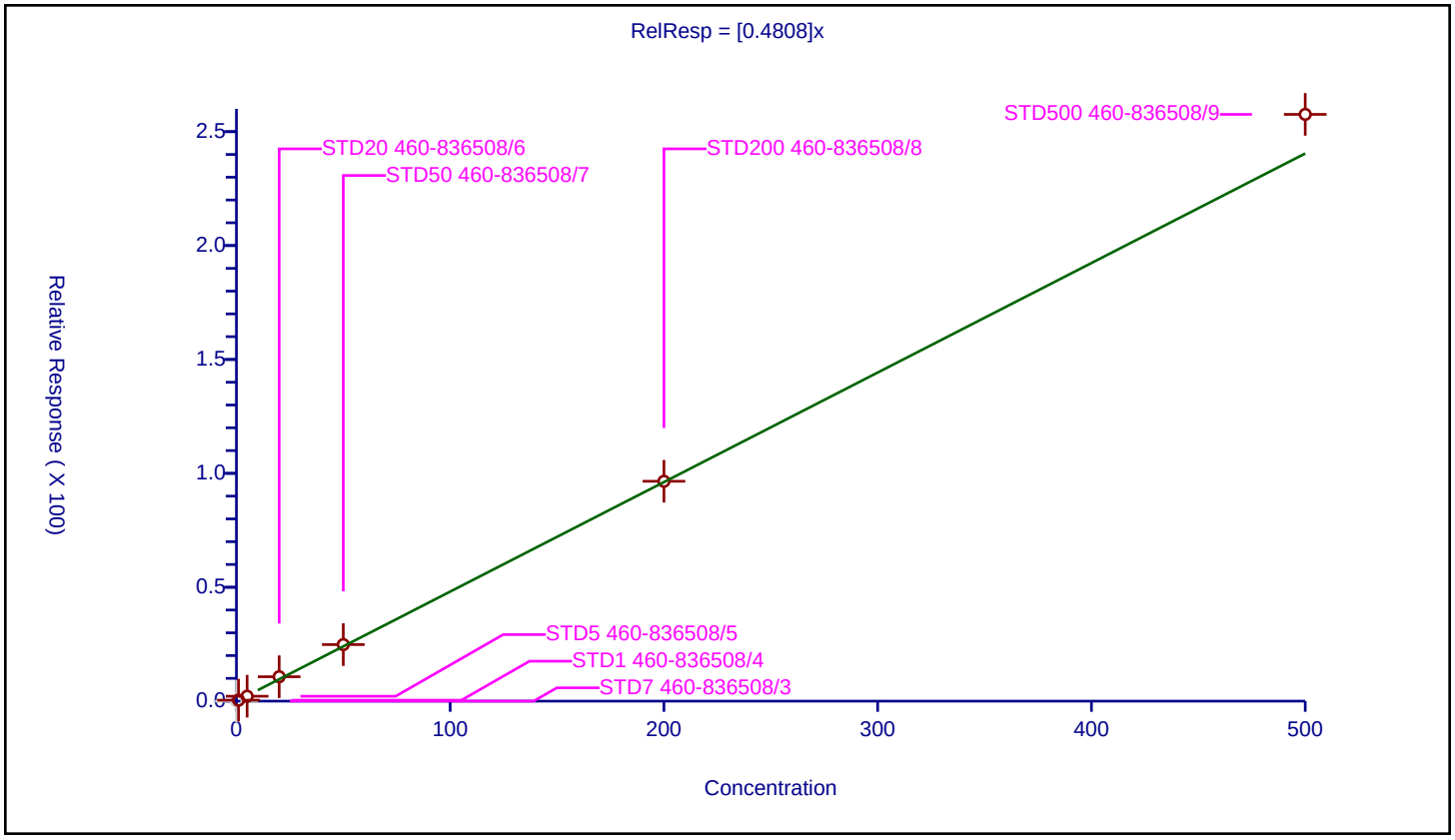
Curve Coefficients

Intercept:	0
Slope:	0.4808

Error Coefficients

Standard Error:	1370000
Relative Standard Error:	9.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	431824.0	NaN	N
2	STD1 460-836508/4	1.0	0.422948	50.0	467315.0	0.422948	Y
3	STD5 460-836508/5	5.0	2.159587	50.0	479212.0	0.431917	Y
4	STD20 460-836508/6	20.0	10.714904	50.0	473560.0	0.535745	Y
5	STD50 460-836508/7	50.0	24.830111	50.0	498856.0	0.496602	Y
6	STD200 460-836508/8	200.0	96.525612	50.0	546456.0	0.482628	Y
7	STD500 460-836508/9	500.0	257.589105	50.0	557009.0	0.515178	Y



Calibration / 1,1,1,2-Tetrachloroethane

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

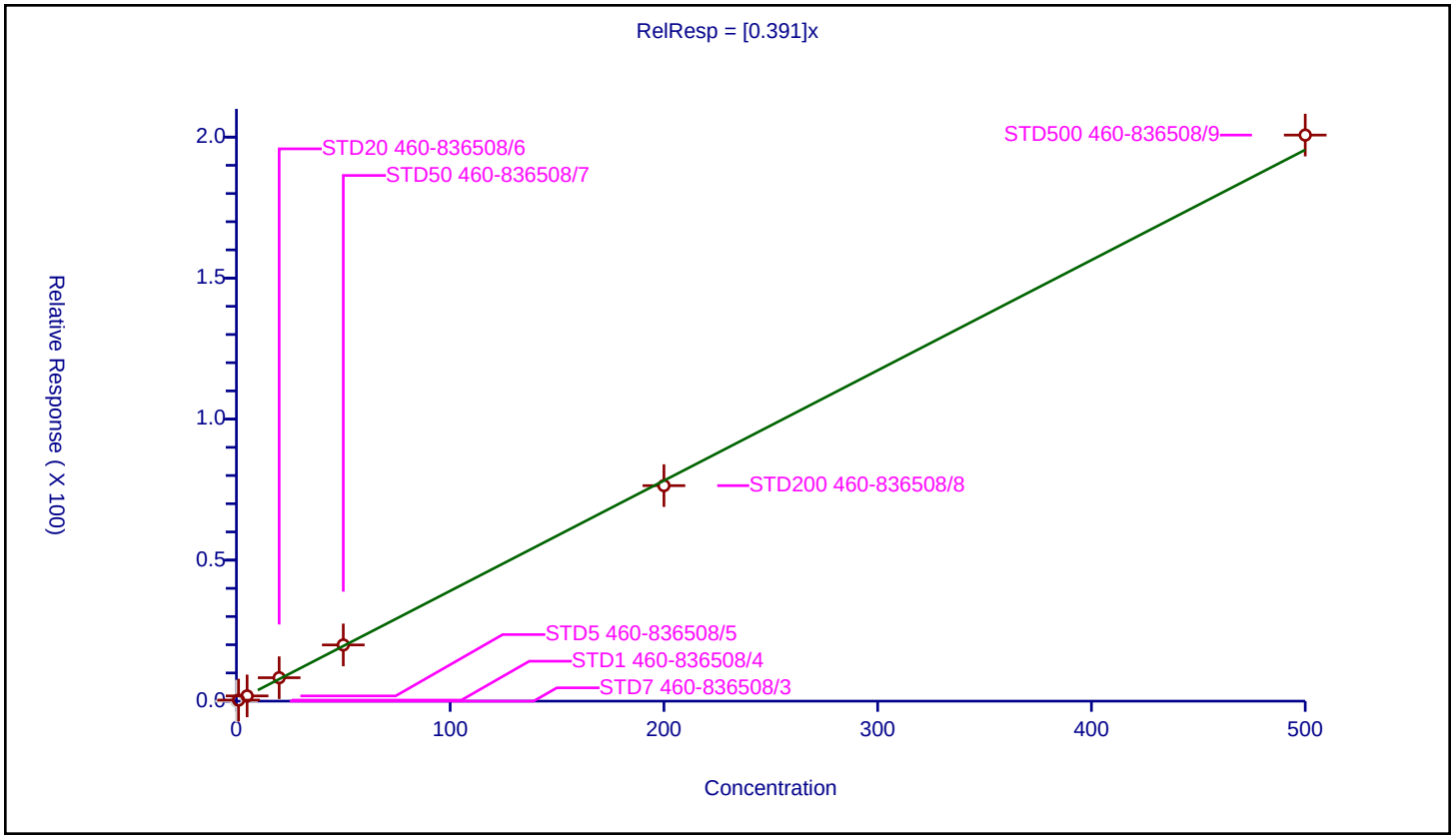
Curve Coefficients

Intercept:	0
Slope:	0.391

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	4.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	431824.0	NaN	N
2	STD1 460-836508/4	1.0	0.376513	50.0	467315.0	0.376513	Y
3	STD5 460-836508/5	5.0	1.859198	50.0	479212.0	0.37184	Y
4	STD20 460-836508/6	20.0	8.308662	50.0	473560.0	0.415433	Y
5	STD50 460-836508/7	50.0	19.927594	50.0	498856.0	0.398552	Y
6	STD200 460-836508/8	200.0	76.415668	50.0	546456.0	0.382078	Y
7	STD500 460-836508/9	500.0	200.720276	50.0	557009.0	0.401441	Y



Calibration / m-Xylene & p-Xylene

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

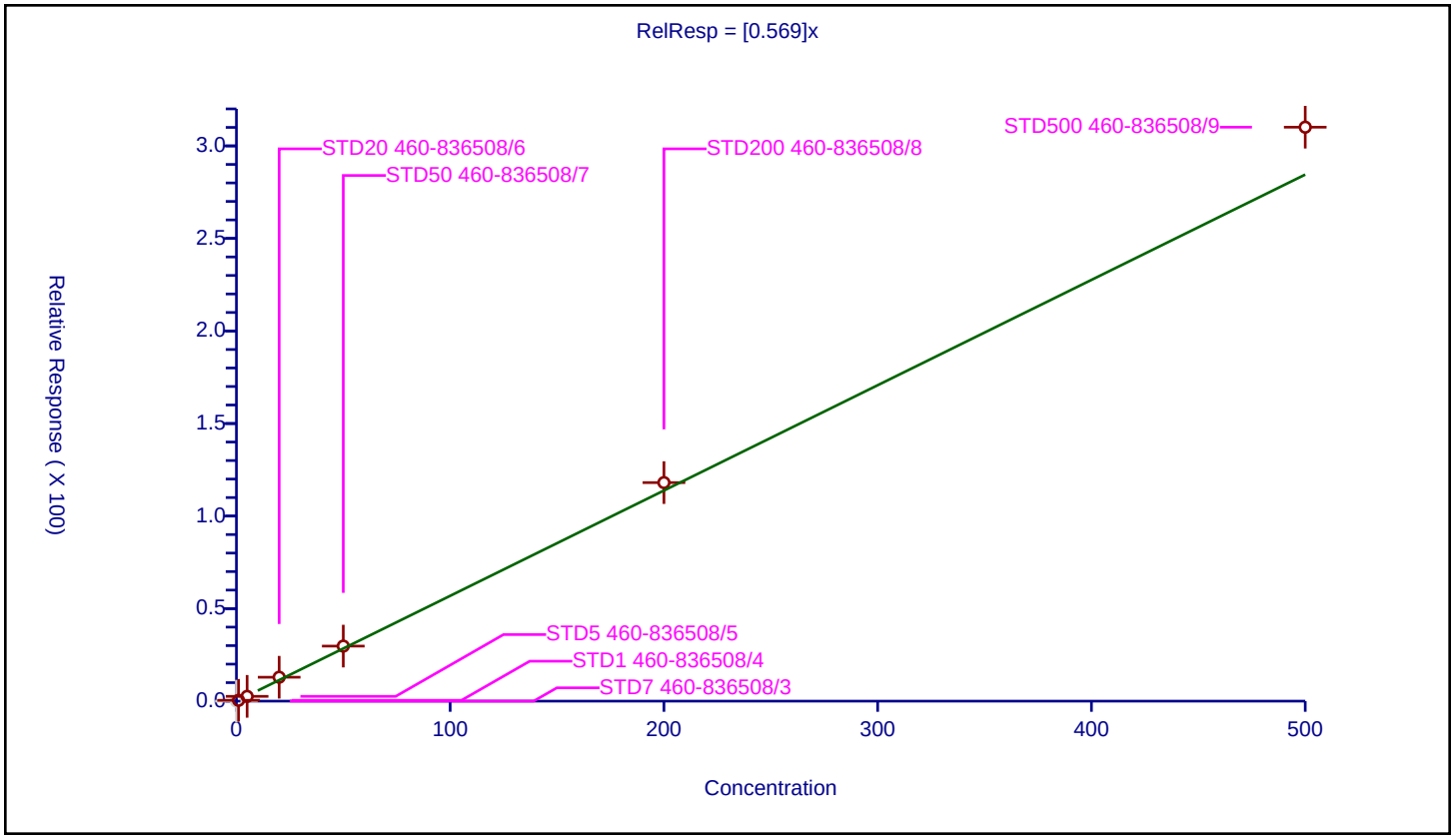
Curve Coefficients

Intercept:	0
Slope:	0.569

Error Coefficients

Standard Error:	1660000
Relative Standard Error:	13.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	431824.0	NaN	N
2	STD1 460-836508/4	1.0	0.446273	50.0	467315.0	0.446273	Y
3	STD5 460-836508/5	5.0	2.582156	50.0	479212.0	0.516431	Y
4	STD20 460-836508/6	20.0	12.919377	50.0	473560.0	0.645969	Y
5	STD50 460-836508/7	50.0	29.73333	50.0	498856.0	0.594667	Y
6	STD200 460-836508/8	200.0	118.084622	50.0	546456.0	0.590423	Y
7	STD500 460-836508/9	500.0	310.11779	50.0	557009.0	0.620236	Y



Calibration / n-Butyl acrylate

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

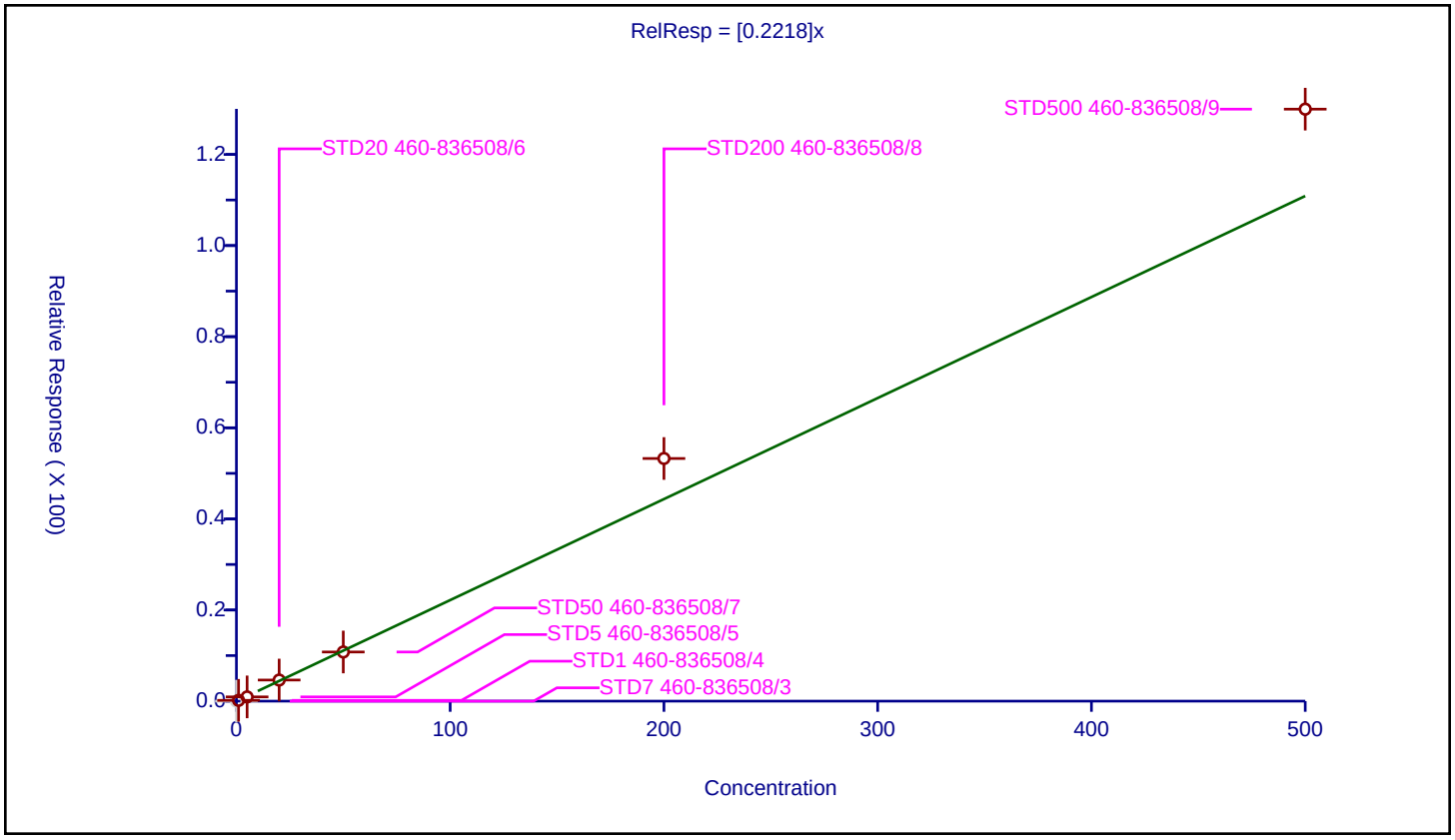
Curve Coefficients

Intercept:	0
Slope:	0.2218

Error Coefficients

Standard Error:	700000
Relative Standard Error:	17.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	431824.0	NaN	N
2	STD1 460-836508/4	1.0	0.170763	50.0	467315.0	0.170763	Y
3	STD5 460-836508/5	5.0	0.930069	50.0	479212.0	0.186014	Y
4	STD20 460-836508/6	20.0	4.634999	50.0	473560.0	0.23175	Y
5	STD50 460-836508/7	50.0	10.789386	50.0	498856.0	0.215788	Y
6	STD200 460-836508/8	200.0	53.263392	50.0	546456.0	0.266317	Y
7	STD500 460-836508/9	500.0	129.941168	50.0	557009.0	0.259882	Y



Calibration / o-Xylene

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

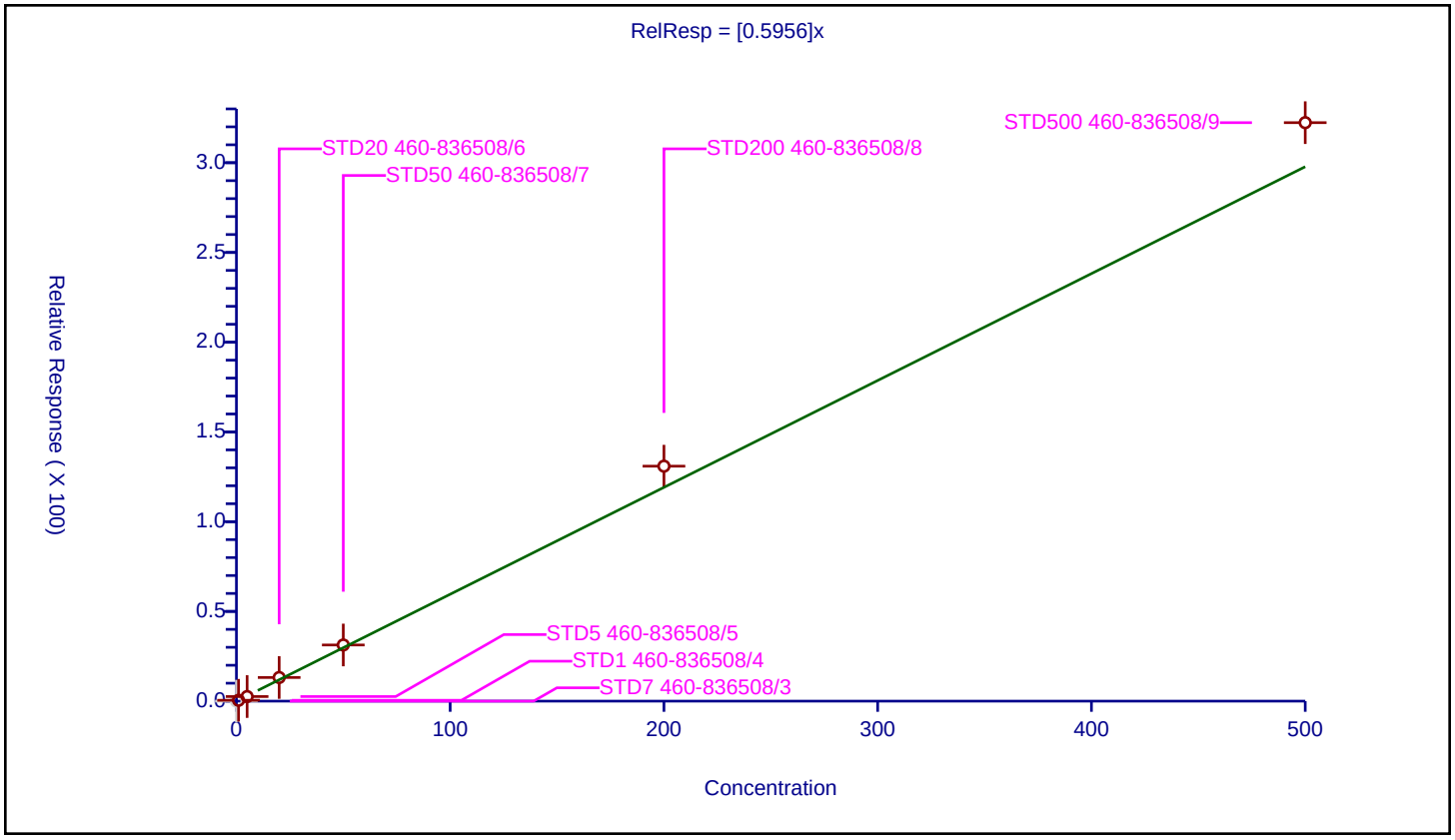
Curve Coefficients

Intercept:	0
Slope:	0.5956

Error Coefficients

Standard Error:	1740000
Relative Standard Error:	13.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	431824.0	NaN	N
2	STD1 460-836508/4	1.0	0.478478	50.0	467315.0	0.478478	Y
3	STD5 460-836508/5	5.0	2.556071	50.0	479212.0	0.511214	Y
4	STD20 460-836508/6	20.0	13.16887	50.0	473560.0	0.658443	Y
5	STD50 460-836508/7	50.0	31.292297	50.0	498856.0	0.625846	Y
6	STD200 460-836508/8	200.0	130.935977	50.0	546456.0	0.65468	Y
7	STD500 460-836508/9	500.0	322.330698	50.0	557009.0	0.644661	Y



Calibration / Styrene

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

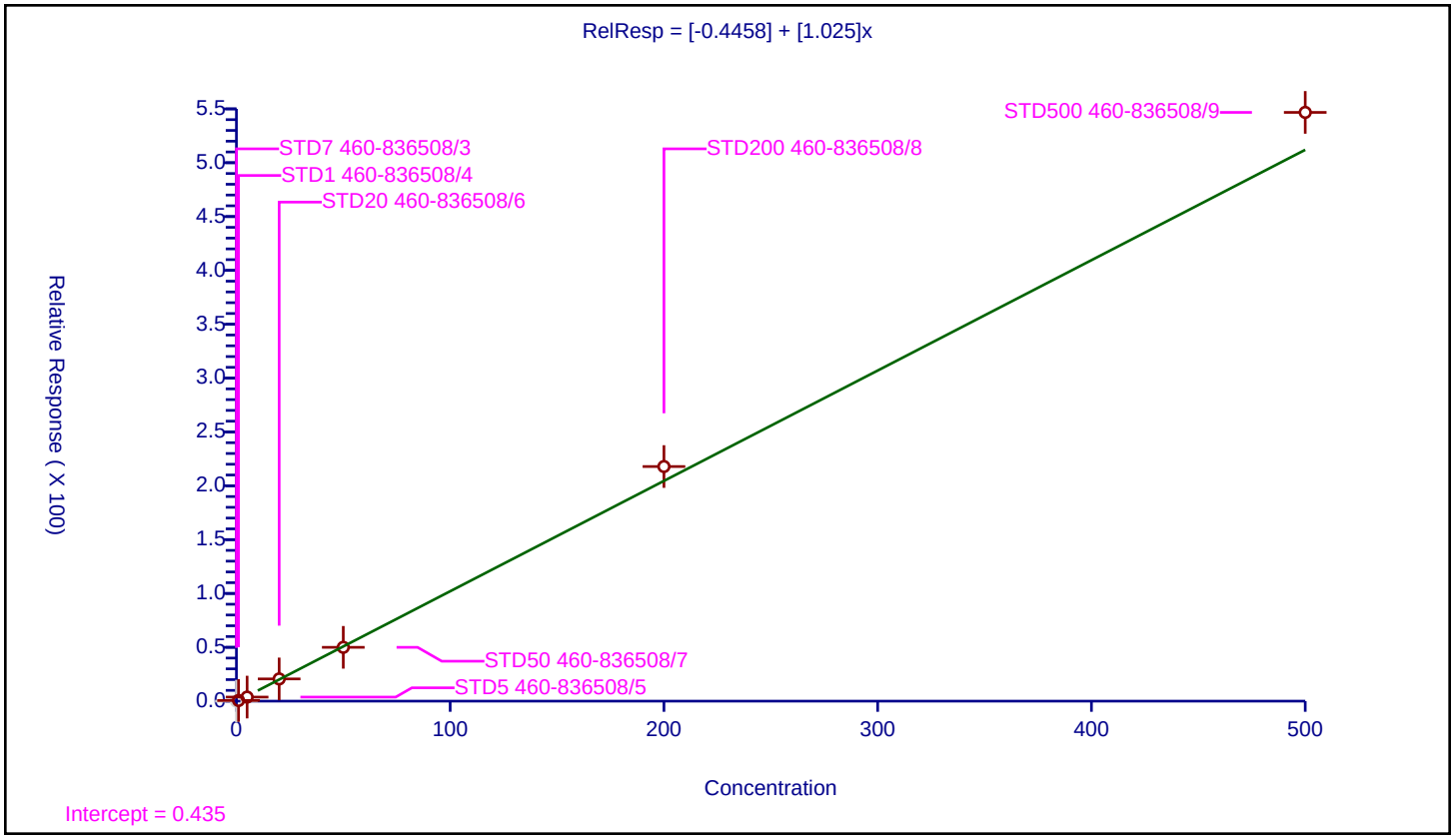
Curve Coefficients

Intercept:	-0.4458
Slope:	1.025

Error Coefficients

Standard Error:	3280000
Relative Standard Error:	10.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	431824.0	NaN	N
2	STD1 460-836508/4	1.0	0.614254	50.0	467315.0	0.614254	Y
3	STD5 460-836508/5	5.0	3.760236	50.0	479212.0	0.752047	Y
4	STD20 460-836508/6	20.0	20.630965	50.0	473560.0	1.031548	Y
5	STD50 460-836508/7	50.0	49.965722	50.0	498856.0	0.999314	Y
6	STD200 460-836508/8	200.0	217.858437	50.0	546456.0	1.089292	Y
7	STD500 460-836508/9	500.0	546.744038	50.0	557009.0	1.093488	Y



Calibration / Amyl acetate (mixed isomers)

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

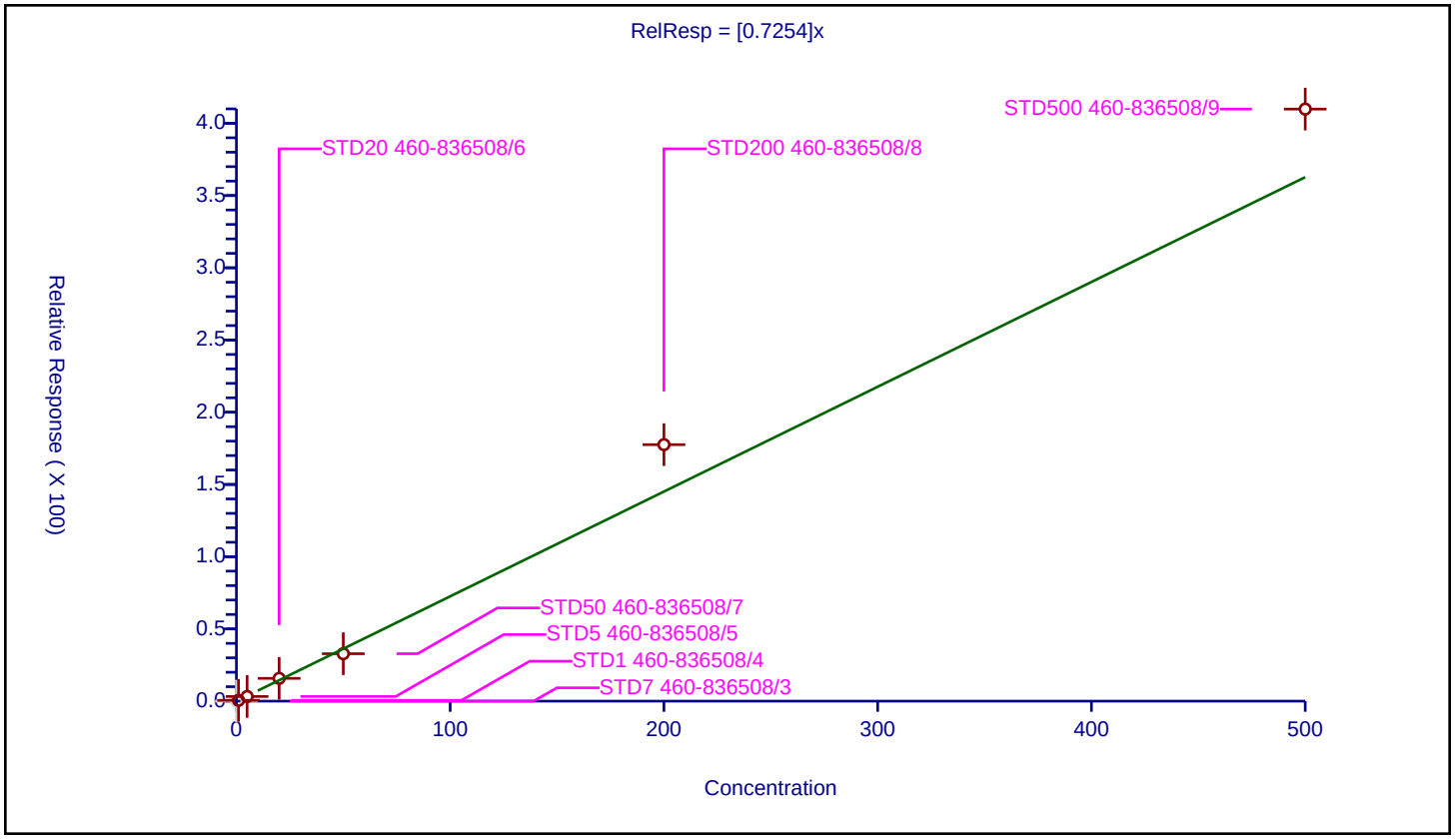
Curve Coefficients

Intercept:	0
Slope:	0.7254

Error Coefficients

Standard Error:	1220000
Relative Standard Error:	17.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	0.557393	50.0	261485.0	0.557393	Y
3	STD5 460-836508/5	5.0	3.211124	50.0	267274.0	0.642225	Y
4	STD20 460-836508/6	20.0	15.774101	50.0	263118.0	0.788705	Y
5	STD50 460-836508/7	50.0	32.837022	50.0	295782.0	0.65674	Y
6	STD200 460-836508/8	200.0	177.565519	50.0	310366.0	0.887828	Y
7	STD500 460-836508/9	500.0	409.855874	50.0	303971.0	0.819712	Y



Calibration / Bromoform

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

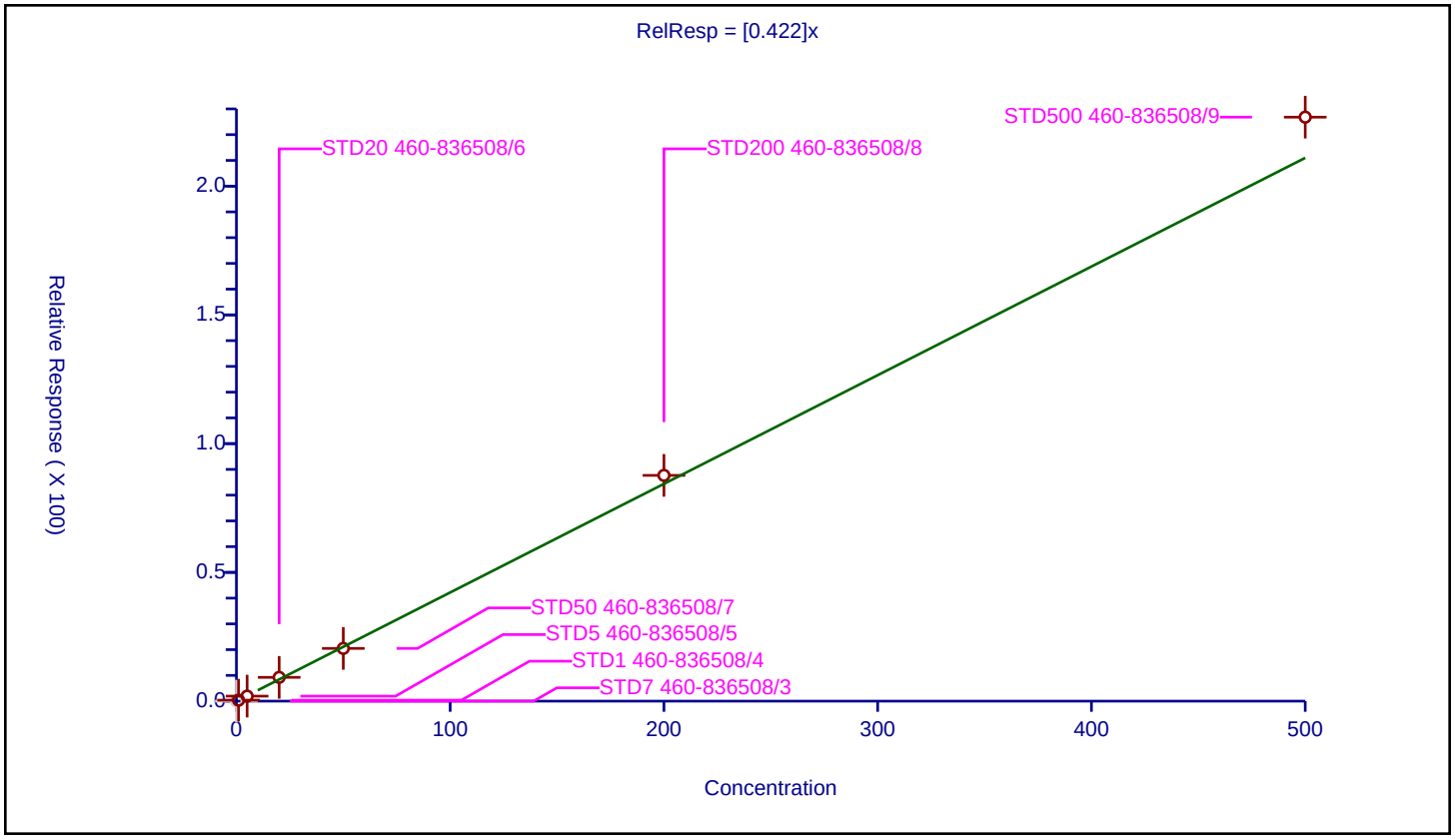
Curve Coefficients

Intercept:	0
Slope:	0.422

Error Coefficients

Standard Error:	665000
Relative Standard Error:	8.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	0.378224	50.0	261485.0	0.378224	Y
3	STD5 460-836508/5	5.0	1.953052	50.0	267274.0	0.39061	Y
4	STD20 460-836508/6	20.0	9.228559	50.0	263118.0	0.461428	Y
5	STD50 460-836508/7	50.0	20.473186	50.0	295782.0	0.409464	Y
6	STD200 460-836508/8	200.0	87.679707	50.0	310366.0	0.438399	Y
7	STD500 460-836508/9	500.0	226.798116	50.0	303971.0	0.453596	Y



Calibration / Isopropylbenzene

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

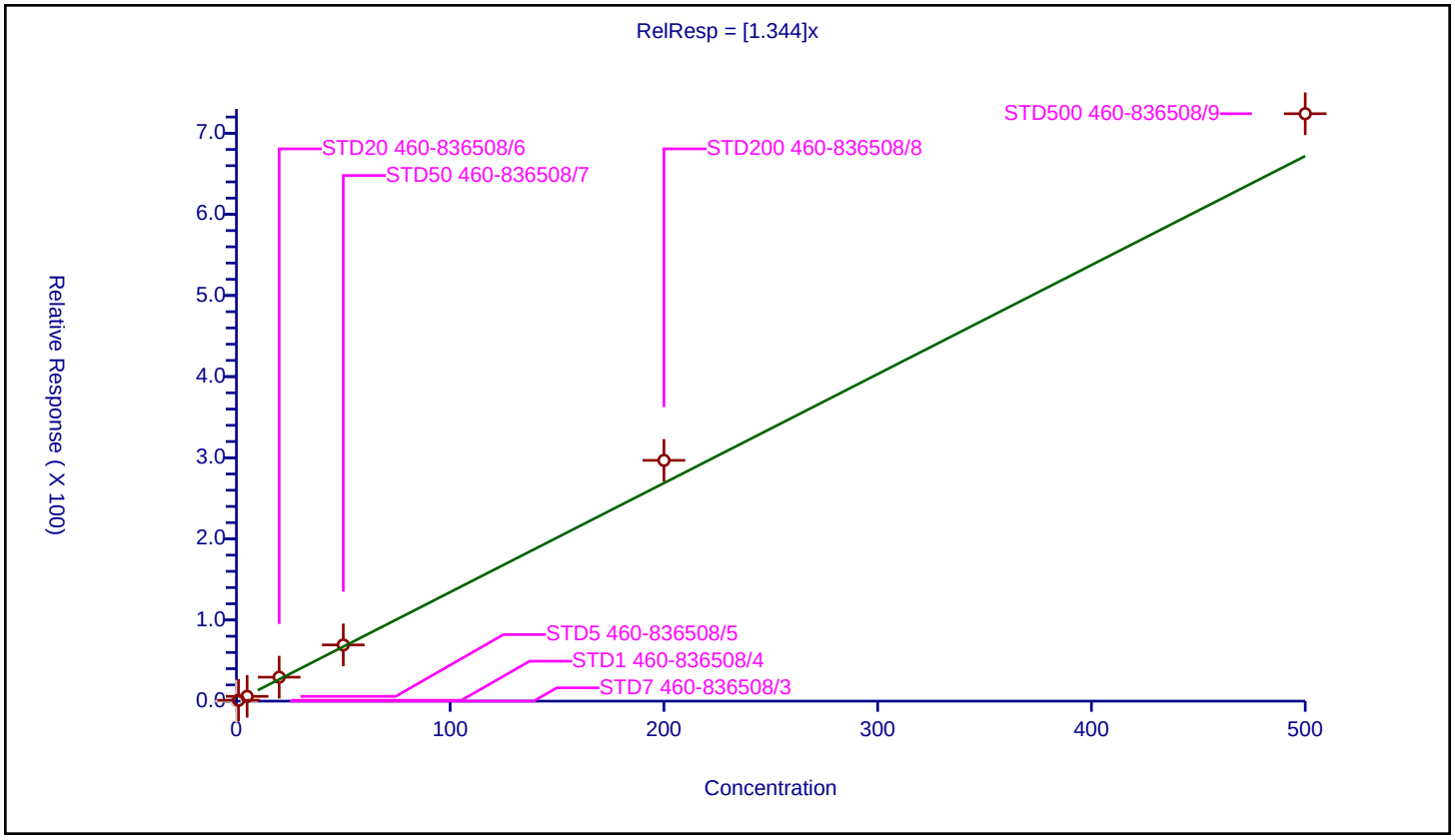
Curve Coefficients

Intercept:	0
Slope:	1.344

Error Coefficients

Standard Error:	3900000
Relative Standard Error:	12.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	431824.0	NaN	N
2	STD1 460-836508/4	1.0	1.089308	50.0	467315.0	1.089308	Y
3	STD5 460-836508/5	5.0	5.898746	50.0	479212.0	1.179749	Y
4	STD20 460-836508/6	20.0	29.514634	50.0	473560.0	1.475732	Y
5	STD50 460-836508/7	50.0	69.291138	50.0	498856.0	1.385823	Y
6	STD200 460-836508/8	200.0	296.777325	50.0	546456.0	1.483887	Y
7	STD500 460-836508/9	500.0	724.059127	50.0	557009.0	1.448118	Y



Calibration / 4-Bromofluorobenzene

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

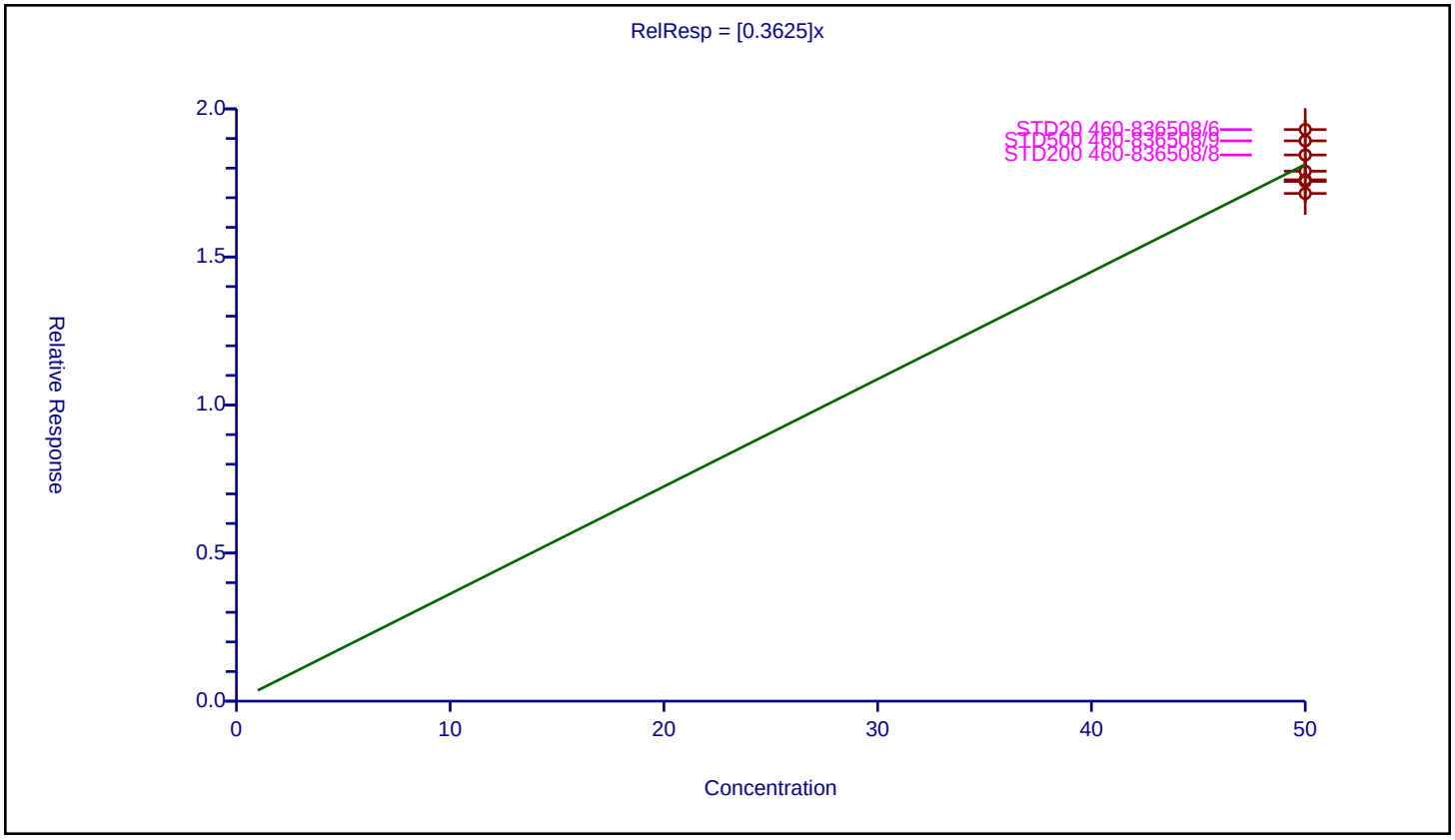
Curve Coefficients

Intercept:	0
Slope:	0.3625

Error Coefficients

Standard Error:	195000
Relative Standard Error:	4.4
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0.000000000000000111

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	50.0	17.549279	50.0	431824.0	0.350986	Y
2	STD1 460-836508/4	50.0	17.895317	50.0	467315.0	0.357906	Y
3	STD5 460-836508/5	50.0	17.605465	50.0	479212.0	0.352109	Y
4	STD20 460-836508/6	50.0	19.302306	50.0	473560.0	0.386046	Y
5	STD50 460-836508/7	50.0	17.144326	50.0	498856.0	0.342887	Y
6	STD200 460-836508/8	50.0	18.443845	50.0	546456.0	0.368877	Y
7	STD500 460-836508/9	50.0	18.9207	50.0	557009.0	0.378414	Y



Calibration / Bromobenzene

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

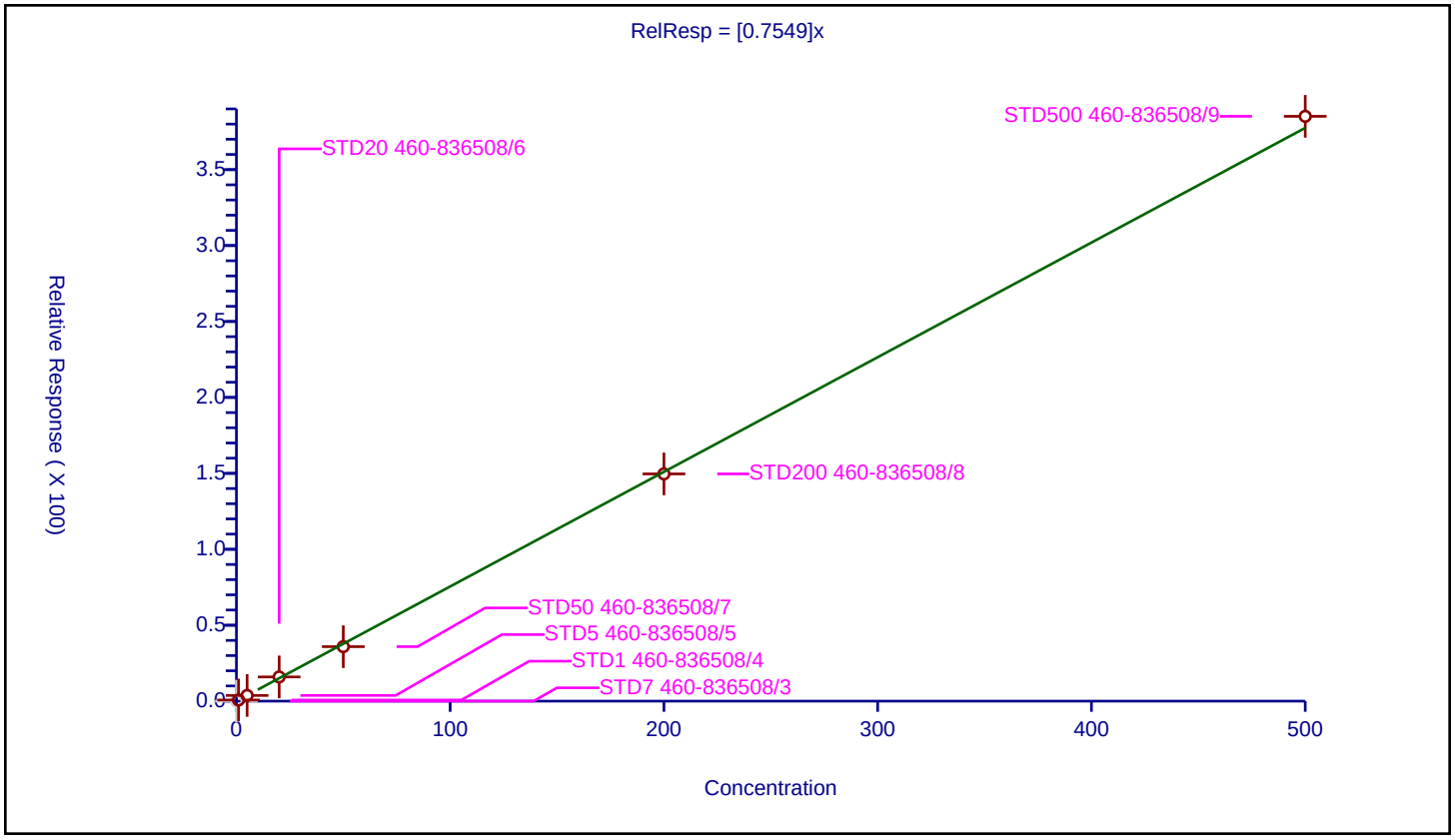
Curve Coefficients

Intercept:	0
Slope:	0.7549

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	3.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	0.748418	50.0	261485.0	0.748418	Y
3	STD5 460-836508/5	5.0	3.744285	50.0	267274.0	0.748857	Y
4	STD20 460-836508/6	20.0	15.925744	50.0	263118.0	0.796287	Y
5	STD50 460-836508/7	50.0	35.882339	50.0	295782.0	0.717647	Y
6	STD200 460-836508/8	200.0	149.62512	50.0	310366.0	0.748126	Y
7	STD500 460-836508/9	500.0	385.10121	50.0	303971.0	0.770202	Y



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

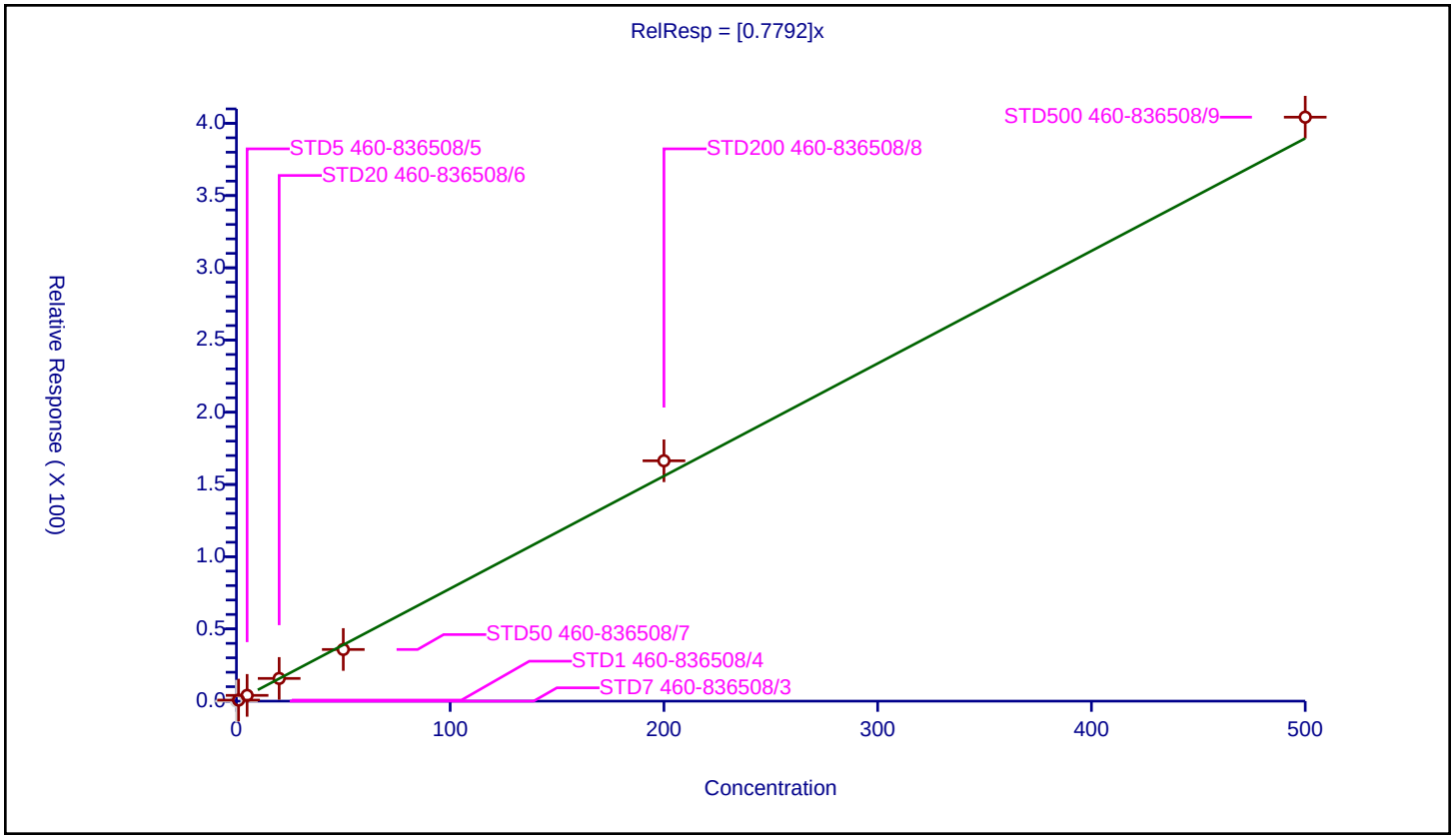
Curve Coefficients

Intercept:	0
Slope:	0.7792

Error Coefficients

Standard Error:	1200000
Relative Standard Error:	5.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	0.734459	50.0	261485.0	0.734459	Y
3	STD5 460-836508/5	5.0	3.994777	50.0	267274.0	0.798955	Y
4	STD20 460-836508/6	20.0	15.719373	50.0	263118.0	0.785969	Y
5	STD50 460-836508/7	50.0	35.755726	50.0	295782.0	0.715115	Y
6	STD200 460-836508/8	200.0	166.400153	50.0	310366.0	0.832001	Y
7	STD500 460-836508/9	500.0	404.274914	50.0	303971.0	0.80855	Y



Calibration / N-Propylbenzene

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

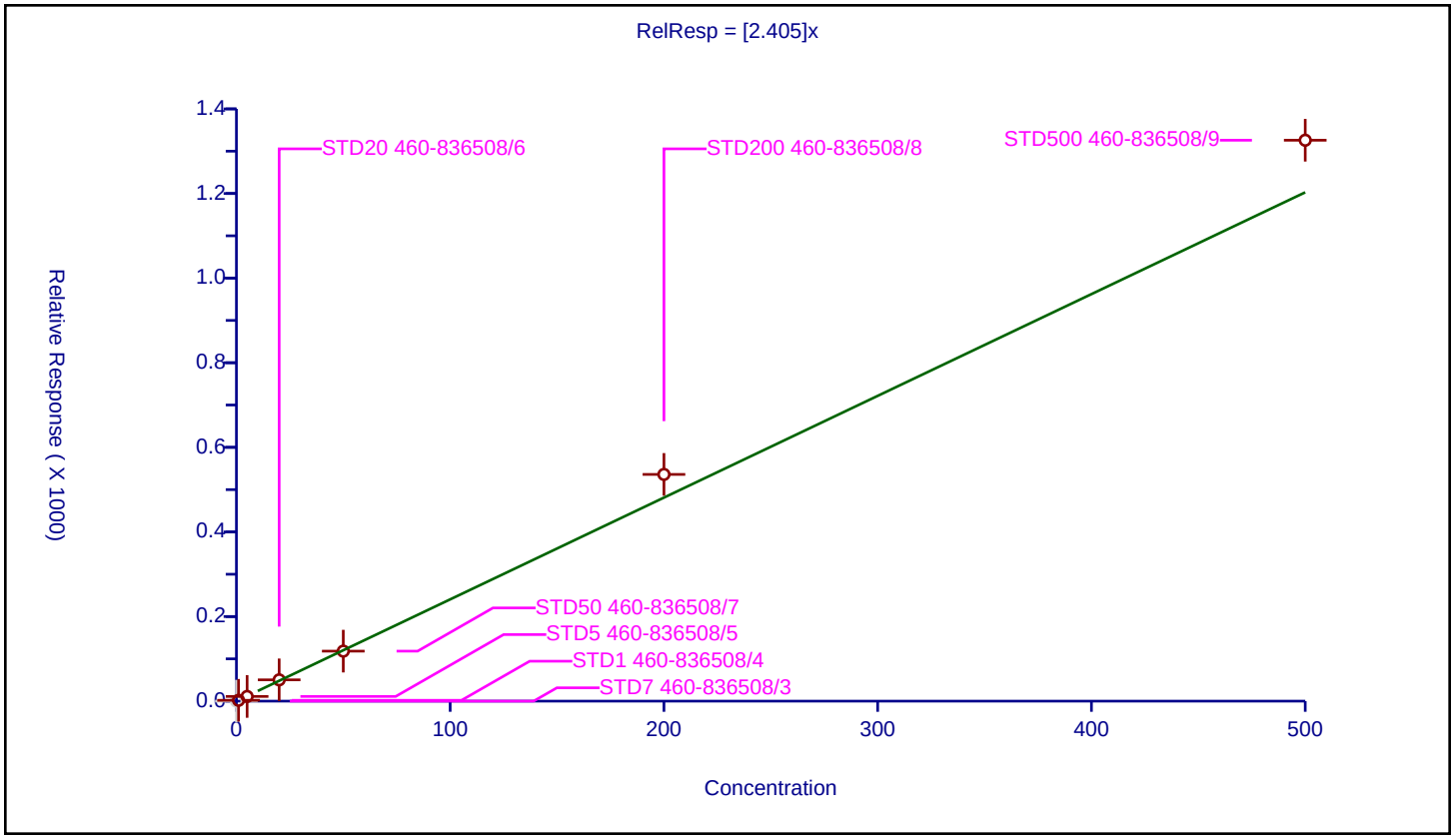
Curve Coefficients

Intercept:	0
Slope:	2.405

Error Coefficients

Standard Error:	3910000
Relative Standard Error:	11.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	2.001262	50.0	261485.0	2.001262	Y
3	STD5 460-836508/5	5.0	11.094046	50.0	267274.0	2.218809	Y
4	STD20 460-836508/6	20.0	50.341102	50.0	263118.0	2.517055	Y
5	STD50 460-836508/7	50.0	118.20175	50.0	295782.0	2.364035	Y
6	STD200 460-836508/8	200.0	535.963669	50.0	310366.0	2.679818	Y
7	STD500 460-836508/9	500.0	1325.906748	50.0	303971.0	2.651813	Y



Calibration / 1,2,3-Trichloropropane

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

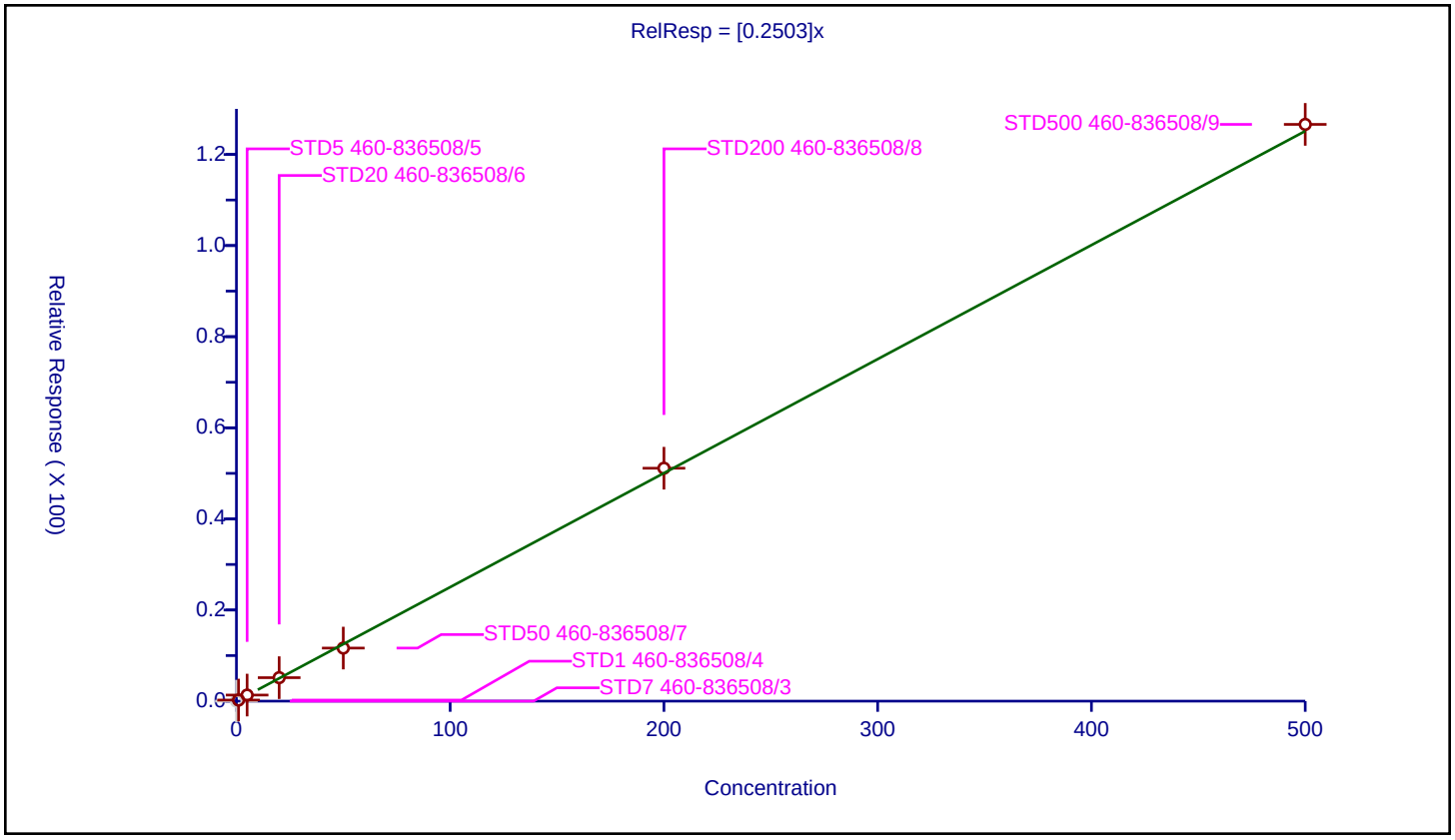
Curve Coefficients

Intercept:	0
Slope:	0.2503

Error Coefficients

Standard Error:	374000
Relative Standard Error:	5.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	0.235386	50.0	261485.0	0.235386	Y
3	STD5 460-836508/5	5.0	1.332902	50.0	267274.0	0.26658	Y
4	STD20 460-836508/6	20.0	5.155482	50.0	263118.0	0.257774	Y
5	STD50 460-836508/7	50.0	11.646922	50.0	295782.0	0.232938	Y
6	STD200 460-836508/8	200.0	51.127379	50.0	310366.0	0.255637	Y
7	STD500 460-836508/9	500.0	126.596287	50.0	303971.0	0.253193	Y



Calibration / trans-1,4-Dichloro-2-butene

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

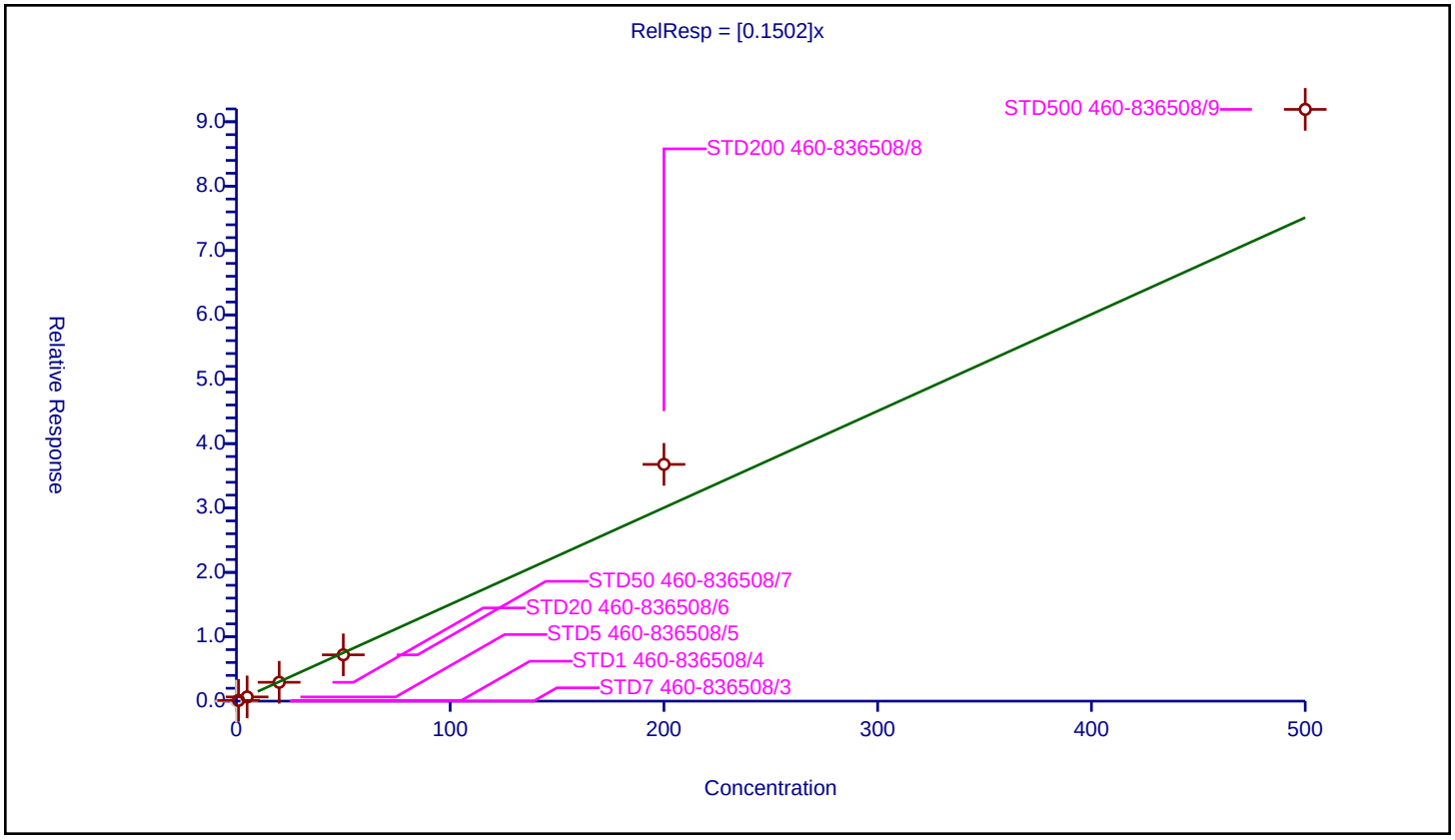
Curve Coefficients

Intercept:	0
Slope:	0.1502

Error Coefficients

Standard Error:	271000
Relative Standard Error:	19.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	0.113582	50.0	261485.0	0.113582	Y
3	STD5 460-836508/5	5.0	0.649708	50.0	267274.0	0.129942	Y
4	STD20 460-836508/6	20.0	2.926634	50.0	263118.0	0.146332	Y
5	STD50 460-836508/7	50.0	7.191107	50.0	295782.0	0.143822	Y
6	STD200 460-836508/8	200.0	36.776902	50.0	310366.0	0.183885	Y
7	STD500 460-836508/9	500.0	91.923736	50.0	303971.0	0.183847	Y



Calibration / 2-Chlorotoluene

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

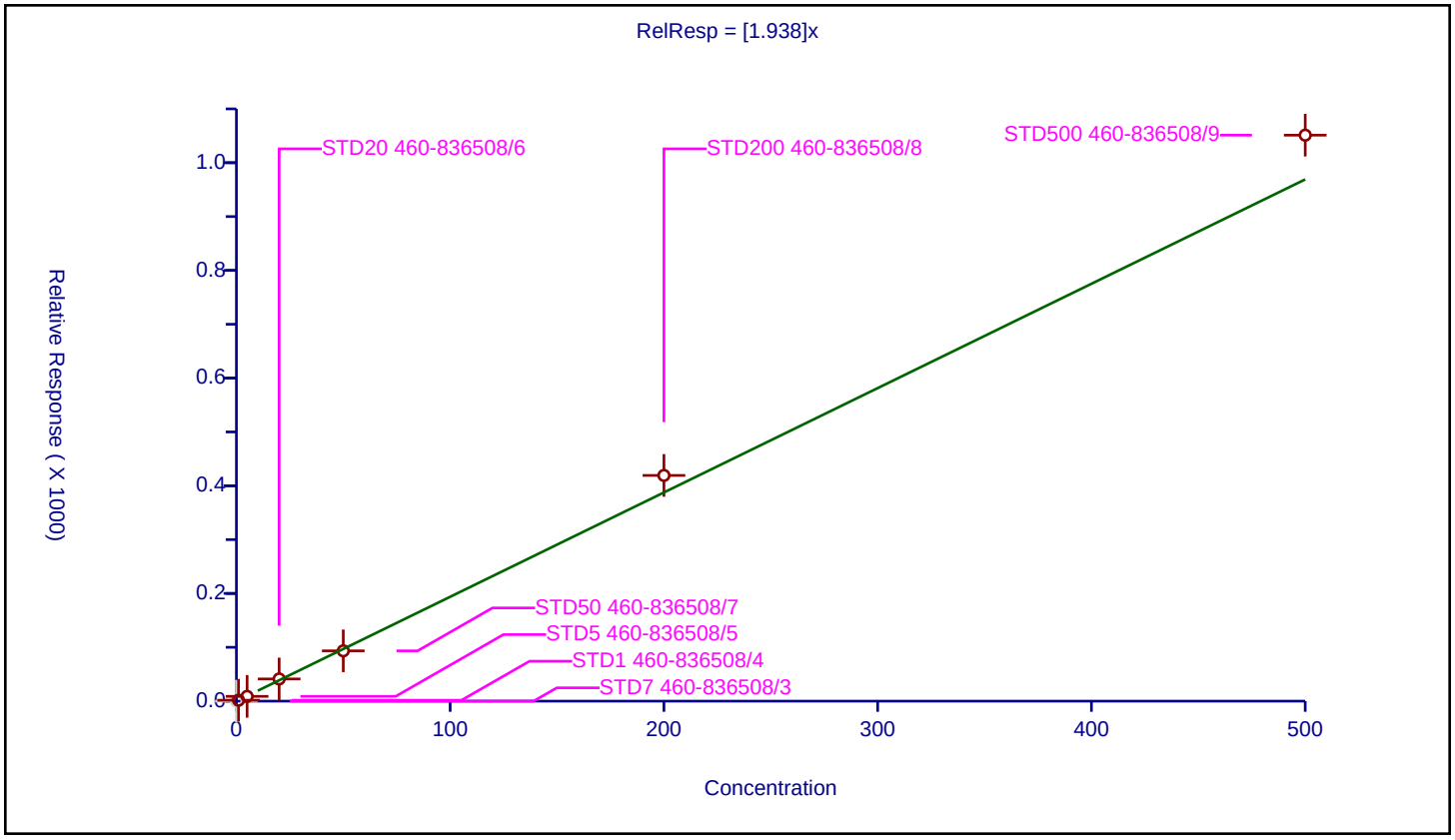
Curve Coefficients

Intercept:	0
Slope:	1.938

Error Coefficients

Standard Error:	3100000
Relative Standard Error:	8.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	1.719793	50.0	261485.0	1.719793	Y
3	STD5 460-836508/5	5.0	8.894243	50.0	267274.0	1.778849	Y
4	STD20 460-836508/6	20.0	41.254304	50.0	263118.0	2.062715	Y
5	STD50 460-836508/7	50.0	93.407138	50.0	295782.0	1.868143	Y
6	STD200 460-836508/8	200.0	419.20684	50.0	310366.0	2.096034	Y
7	STD500 460-836508/9	500.0	1051.193206	50.0	303971.0	2.102386	Y



Calibration / 4-Ethyltoluene

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

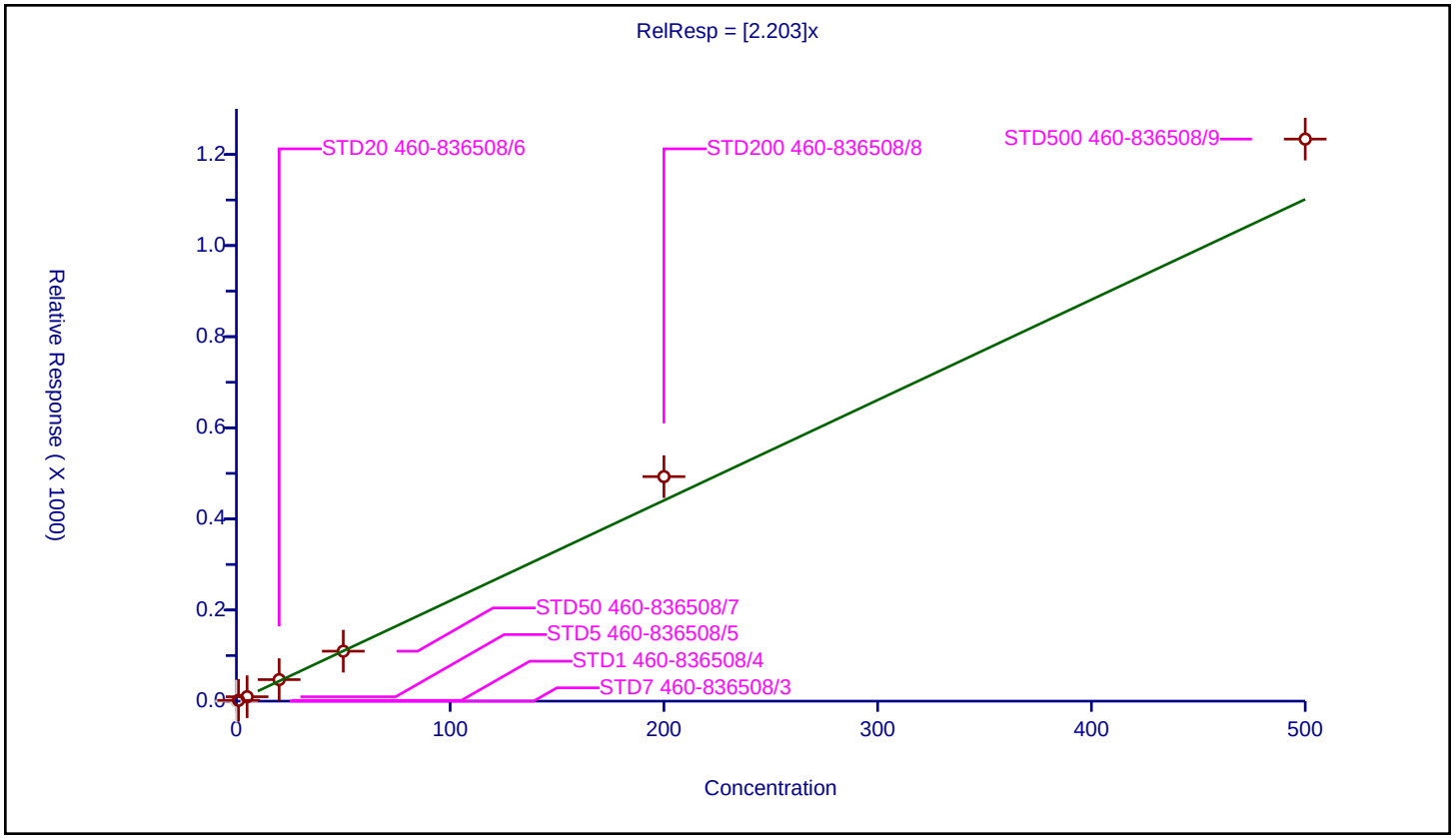
Curve Coefficients

Intercept:	0
Slope:	2.203

Error Coefficients

Standard Error:	3640000
Relative Standard Error:	12.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	1.795132	50.0	261485.0	1.795132	Y
3	STD5 460-836508/5	5.0	9.675277	50.0	267274.0	1.935055	Y
4	STD20 460-836508/6	20.0	47.274797	50.0	263118.0	2.36374	Y
5	STD50 460-836508/7	50.0	109.653224	50.0	295782.0	2.193064	Y
6	STD200 460-836508/8	200.0	492.861331	50.0	310366.0	2.464307	Y
7	STD500 460-836508/9	500.0	1233.701077	50.0	303971.0	2.467402	Y



Calibration / 1,3,5-Trimethylbenzene

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

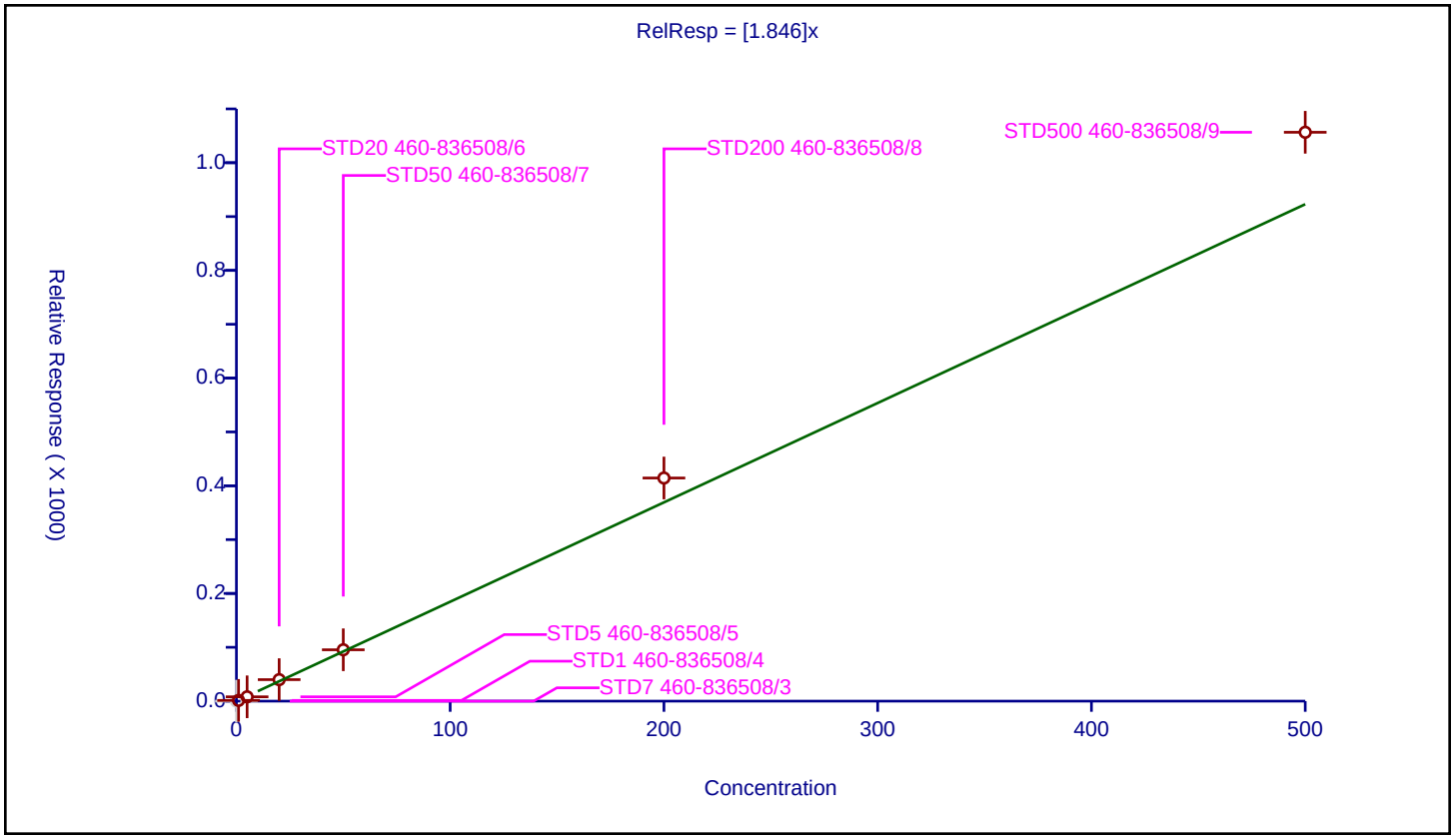
Curve Coefficients

Intercept:	0
Slope:	1.846

Error Coefficients

Standard Error:	3110000
Relative Standard Error:	15.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	1.378282	50.0	261485.0	1.378282	Y
3	STD5 460-836508/5	5.0	8.0352	50.0	267274.0	1.60704	Y
4	STD20 460-836508/6	20.0	39.928093	50.0	263118.0	1.996405	Y
5	STD50 460-836508/7	50.0	95.403371	50.0	295782.0	1.908067	Y
6	STD200 460-836508/8	200.0	414.395746	50.0	310366.0	2.071979	Y
7	STD500 460-836508/9	500.0	1056.576943	50.0	303971.0	2.113154	Y



Calibration / 4-Chlorotoluene

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

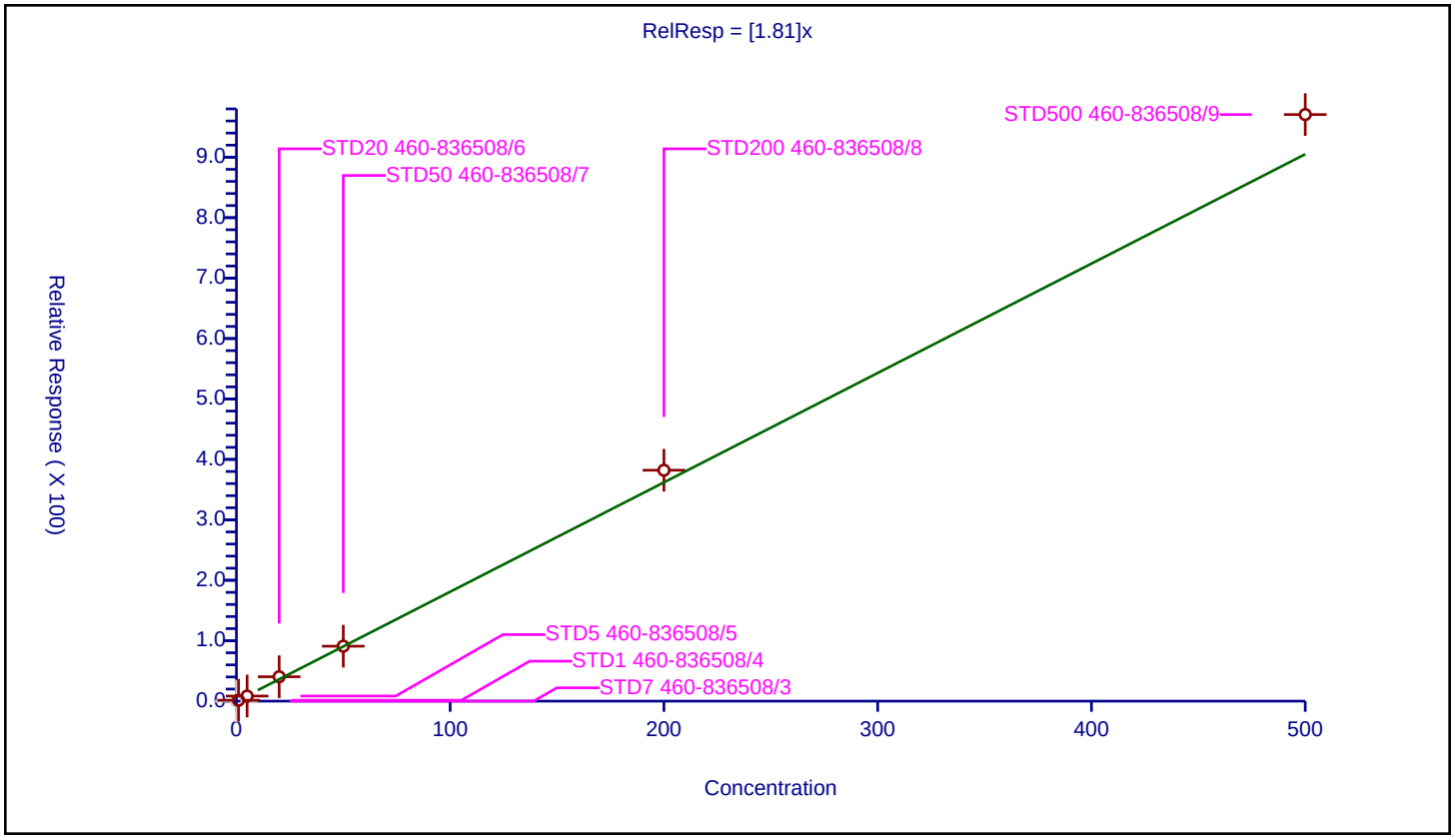
Curve Coefficients

Intercept:	0
Slope:	1.81

Error Coefficients

Standard Error:	2860000
Relative Standard Error:	10.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	1.481538	50.0	261485.0	1.481538	Y
3	STD5 460-836508/5	5.0	8.448446	50.0	267274.0	1.689689	Y
4	STD20 460-836508/6	20.0	40.356798	50.0	263118.0	2.01784	Y
5	STD50 460-836508/7	50.0	90.933525	50.0	295782.0	1.818671	Y
6	STD200 460-836508/8	200.0	382.136574	50.0	310366.0	1.910683	Y
7	STD500 460-836508/9	500.0	970.621869	50.0	303971.0	1.941244	Y



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

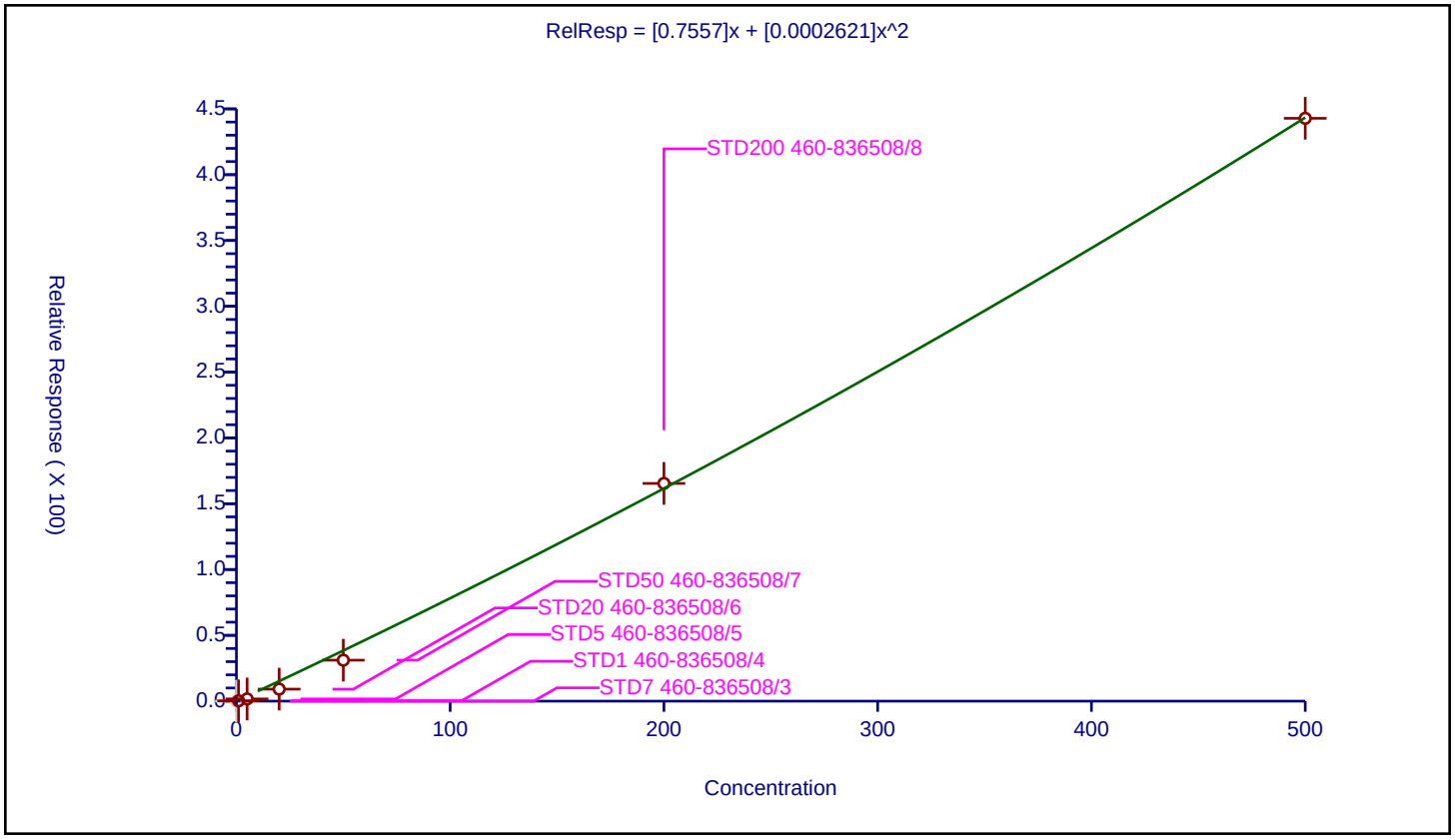
Curve Coefficients

Intercept:	0
Slope:	0.7557
Second Order:	0.0002621

Error Coefficients

Standard Error:	1440000
Relative Standard Error:	48.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	0.247815	50.0	261485.0	0.247815	Y
3	STD5 460-836508/5	5.0	1.681795	50.0	267274.0	0.336359	Y
4	STD20 460-836508/6	20.0	9.137535	50.0	263118.0	0.456877	Y
5	STD50 460-836508/7	50.0	31.142362	50.0	295782.0	0.622847	Y
6	STD200 460-836508/8	200.0	165.426948	50.0	310366.0	0.827135	Y
7	STD500 460-836508/9	500.0	442.858858	50.0	303971.0	0.885718	Y



Calibration / tert-Butylbenzene

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

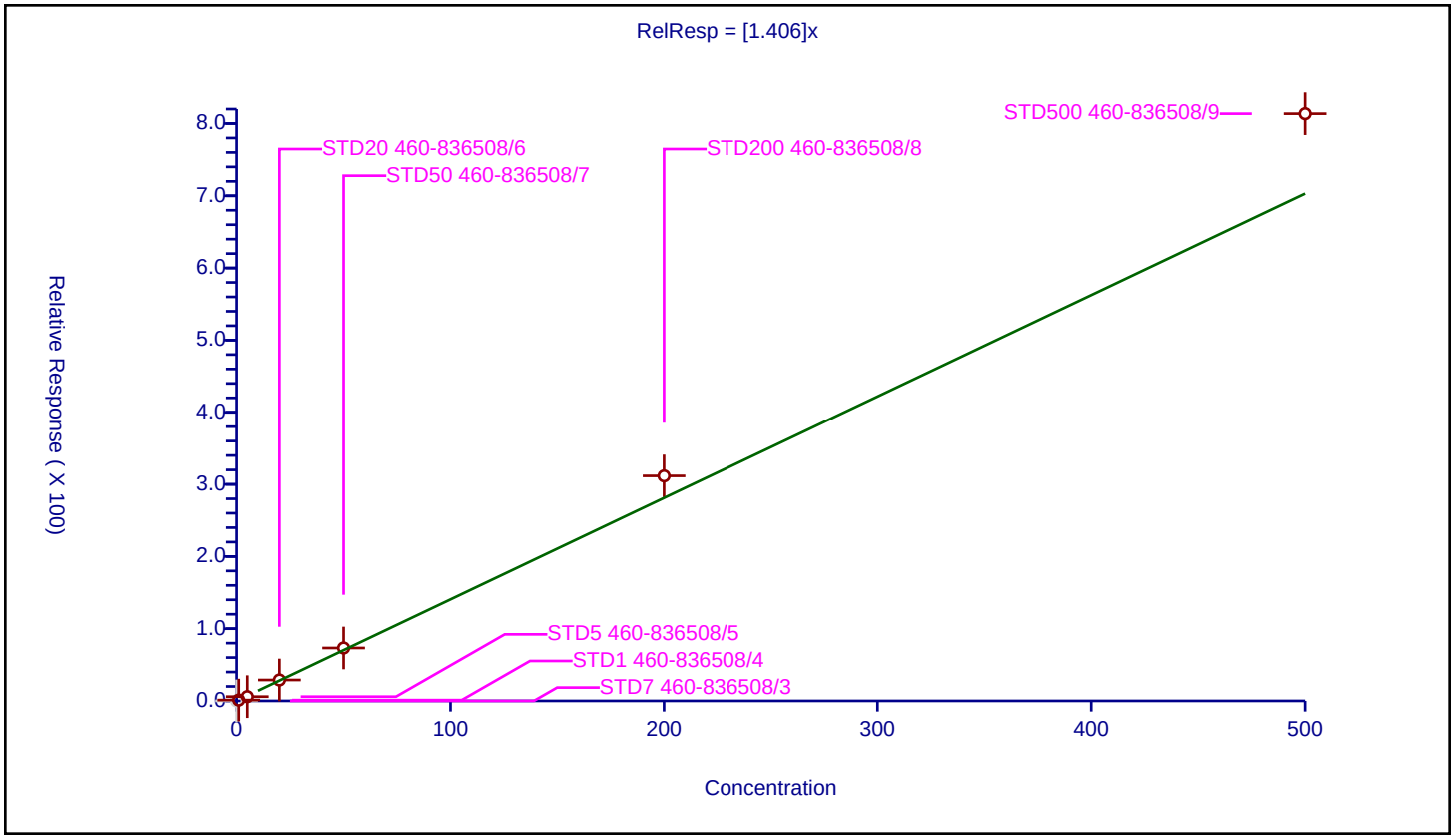
Curve Coefficients

Intercept:	0
Slope:	1.406

Error Coefficients

Standard Error:	2380000
Relative Standard Error:	13.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	1.162208	50.0	261485.0	1.162208	Y
3	STD5 460-836508/5	5.0	5.867013	50.0	267274.0	1.173403	Y
4	STD20 460-836508/6	20.0	28.979583	50.0	263118.0	1.448979	Y
5	STD50 460-836508/7	50.0	73.297733	50.0	295782.0	1.465955	Y
6	STD200 460-836508/8	200.0	311.721806	50.0	310366.0	1.558609	Y
7	STD500 460-836508/9	500.0	813.612976	50.0	303971.0	1.627226	Y



Calibration / 1,2,4-Trimethylbenzene

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

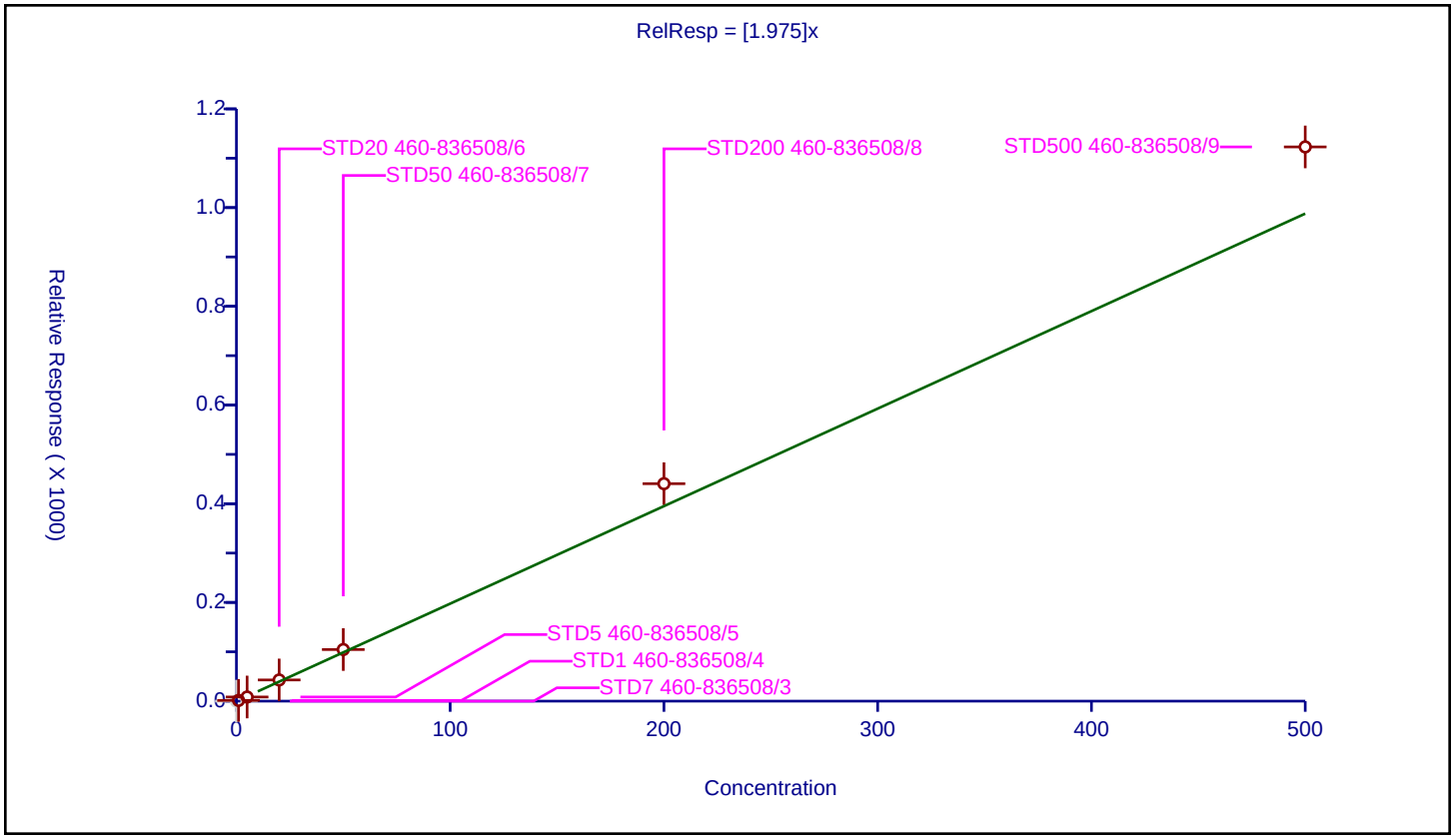
Curve Coefficients

Intercept:	0
Slope:	1.975

Error Coefficients

Standard Error:	3300000
Relative Standard Error:	15.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	1.488996	50.0	261485.0	1.488996	Y
3	STD5 460-836508/5	5.0	8.384841	50.0	267274.0	1.676968	Y
4	STD20 460-836508/6	20.0	42.935869	50.0	263118.0	2.146793	Y
5	STD50 460-836508/7	50.0	104.571272	50.0	295782.0	2.091425	Y
6	STD200 460-836508/8	200.0	440.581443	50.0	310366.0	2.202907	Y
7	STD500 460-836508/9	500.0	1122.944294	50.0	303971.0	2.245889	Y



Calibration / sec-Butylbenzene

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

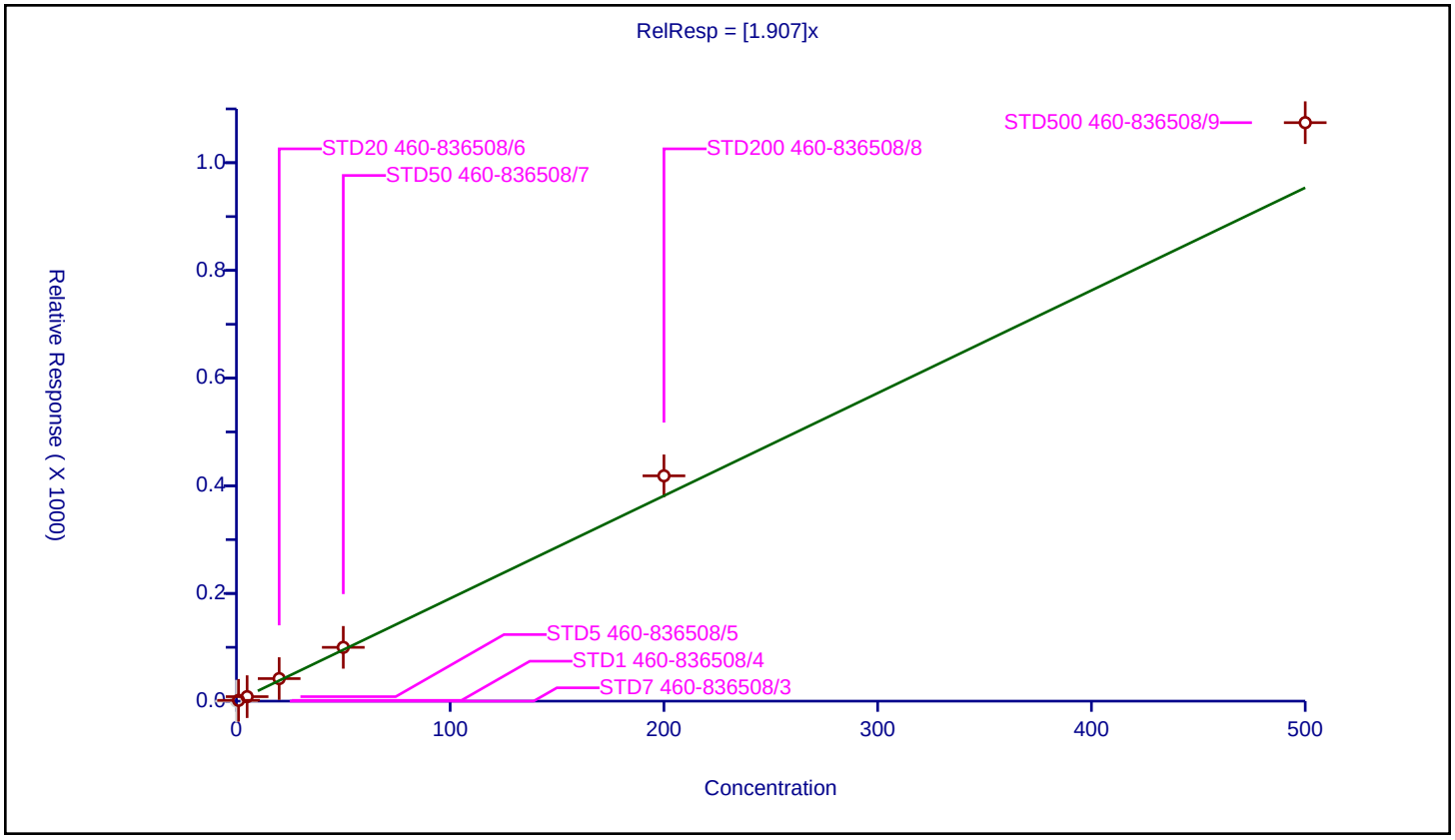
Curve Coefficients

Intercept:	0
Slope:	1.907

Error Coefficients

Standard Error:	3160000
Relative Standard Error:	15.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	1.440044	50.0	261485.0	1.440044	Y
3	STD5 460-836508/5	5.0	8.351729	50.0	267274.0	1.670346	Y
4	STD20 460-836508/6	20.0	41.859546	50.0	263118.0	2.092977	Y
5	STD50 460-836508/7	50.0	99.915985	50.0	295782.0	1.99832	Y
6	STD200 460-836508/8	200.0	418.464974	50.0	310366.0	2.092325	Y
7	STD500 460-836508/9	500.0	1074.408414	50.0	303971.0	2.148817	Y



Calibration / 1,3-Dichlorobenzene

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

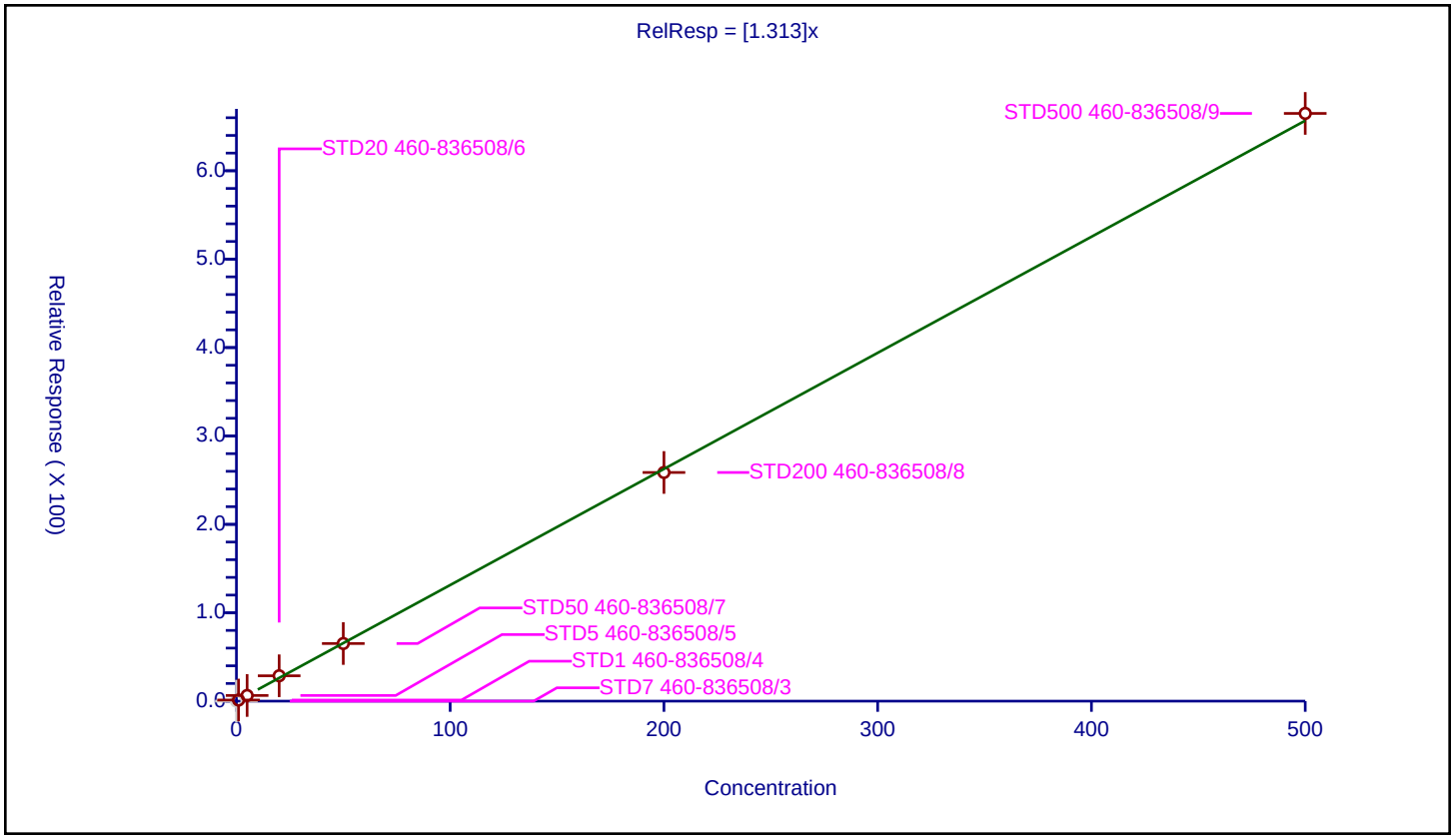
Curve Coefficients

Intercept:	0
Slope:	1.313

Error Coefficients

Standard Error:	1950000
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	1.238886	50.0	261485.0	1.238886	Y
3	STD5 460-836508/5	5.0	6.397555	50.0	267274.0	1.279511	Y
4	STD20 460-836508/6	20.0	28.69568	50.0	263118.0	1.434784	Y
5	STD50 460-836508/7	50.0	65.189565	50.0	295782.0	1.303791	Y
6	STD200 460-836508/8	200.0	258.672825	50.0	310366.0	1.293364	Y
7	STD500 460-836508/9	500.0	664.87132	50.0	303971.0	1.329743	Y



Calibration / 4-Isopropyltoluene

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

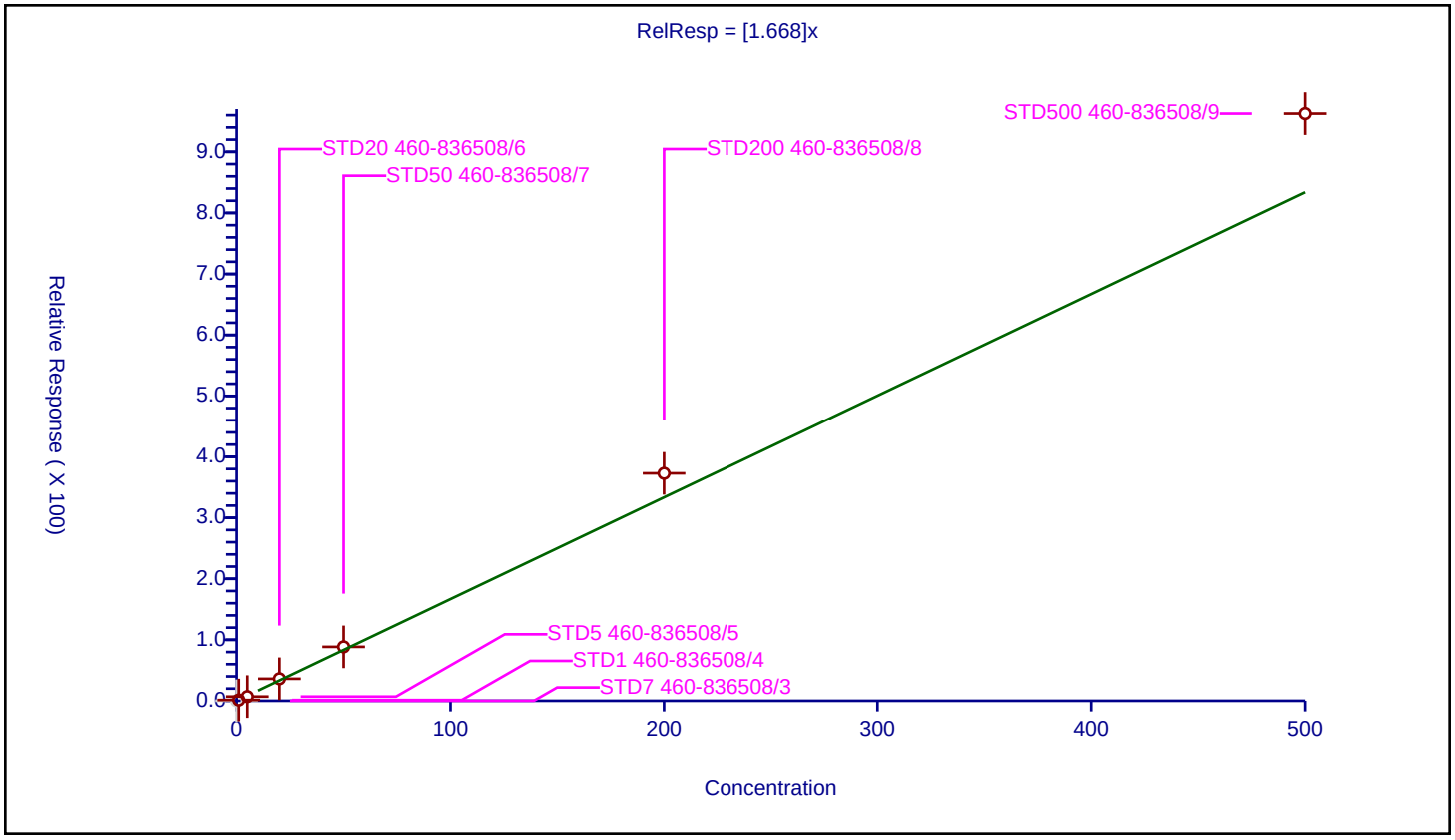
Curve Coefficients

Intercept:	0
Slope:	1.668

Error Coefficients

Standard Error:	2830000
Relative Standard Error:	16.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	1.265656	50.0	261485.0	1.265656	Y
3	STD5 460-836508/5	5.0	6.884695	50.0	267274.0	1.376939	Y
4	STD20 460-836508/6	20.0	36.097682	50.0	263118.0	1.804884	Y
5	STD50 460-836508/7	50.0	88.457039	50.0	295782.0	1.769141	Y
6	STD200 460-836508/8	200.0	372.964017	50.0	310366.0	1.86482	Y
7	STD500 460-836508/9	500.0	962.592813	50.0	303971.0	1.925186	Y



Calibration / 1,4-Dichlorobenzene

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

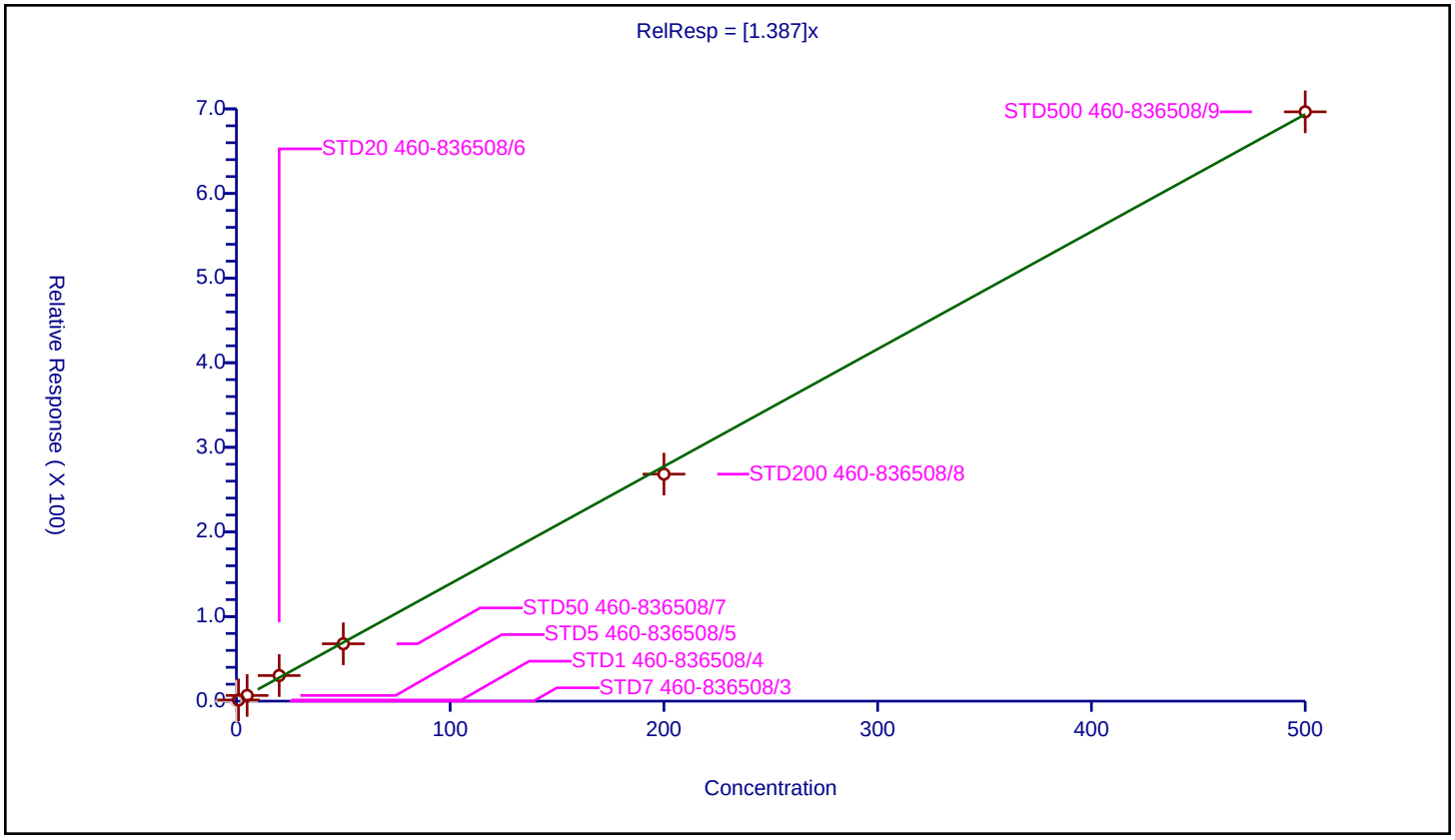
Curve Coefficients

Intercept:	0
Slope:	1.387

Error Coefficients

Standard Error:	2040000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	1.375222	50.0	261485.0	1.375222	Y
3	STD5 460-836508/5	5.0	6.72905	50.0	267274.0	1.34581	Y
4	STD20 460-836508/6	20.0	30.240234	50.0	263118.0	1.512012	Y
5	STD50 460-836508/7	50.0	67.802469	50.0	295782.0	1.356049	Y
6	STD200 460-836508/8	200.0	268.312734	50.0	310366.0	1.341564	Y
7	STD500 460-836508/9	500.0	696.543256	50.0	303971.0	1.393087	Y



Calibration / 1,2,3-Trimethylbenzene

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

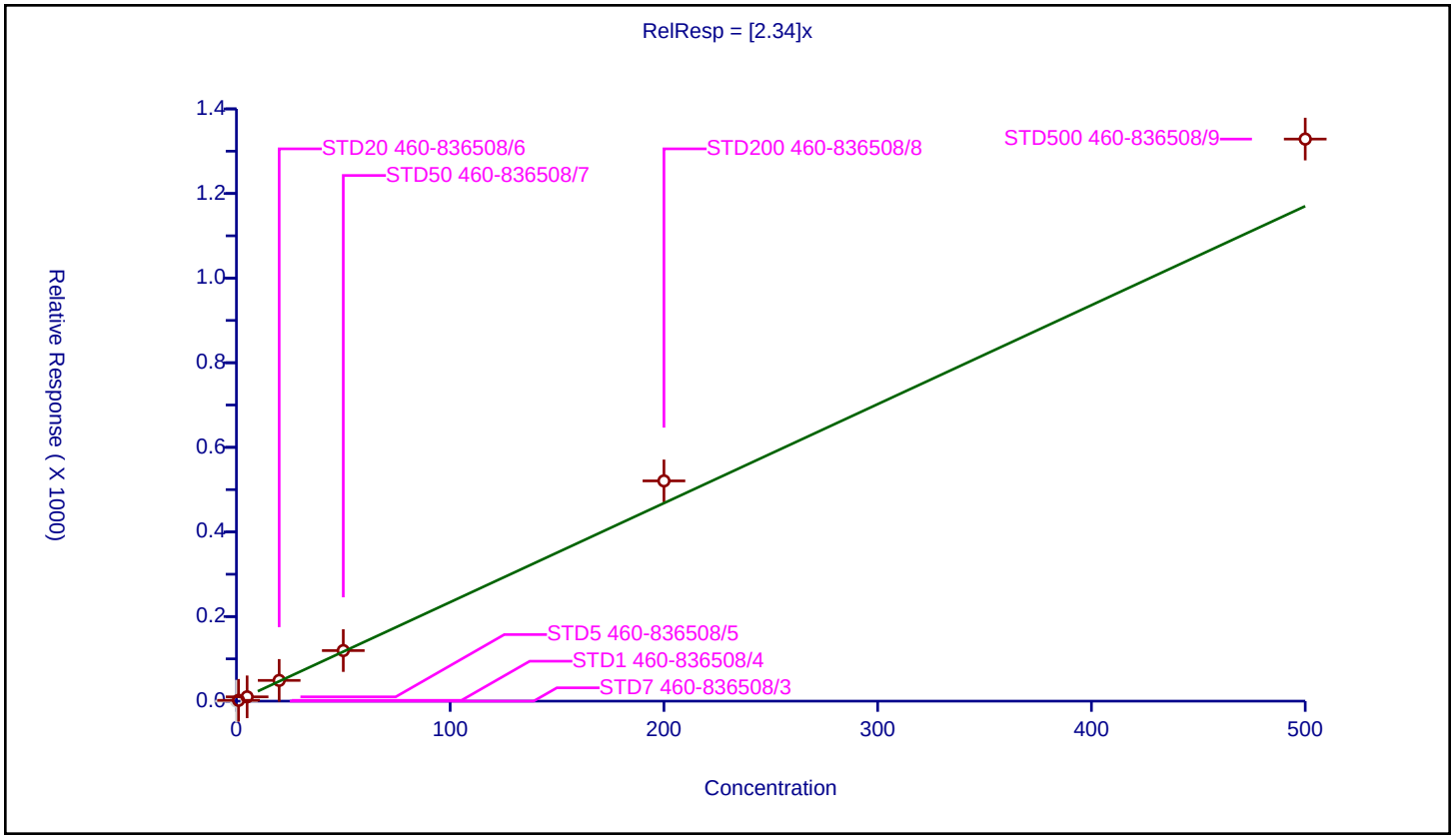
Curve Coefficients

Intercept:	0
Slope:	2.34

Error Coefficients

Standard Error:	3900000
Relative Standard Error:	13.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	1.911008	50.0	261485.0	1.911008	Y
3	STD5 460-836508/5	5.0	10.146516	50.0	267274.0	2.029303	Y
4	STD20 460-836508/6	20.0	48.984866	50.0	263118.0	2.449243	Y
5	STD50 460-836508/7	50.0	119.529586	50.0	295782.0	2.390592	Y
6	STD200 460-836508/8	200.0	520.654808	50.0	310366.0	2.603274	Y
7	STD500 460-836508/9	500.0	1328.656023	50.0	303971.0	2.657312	Y



Calibration / Benzyl chloride

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

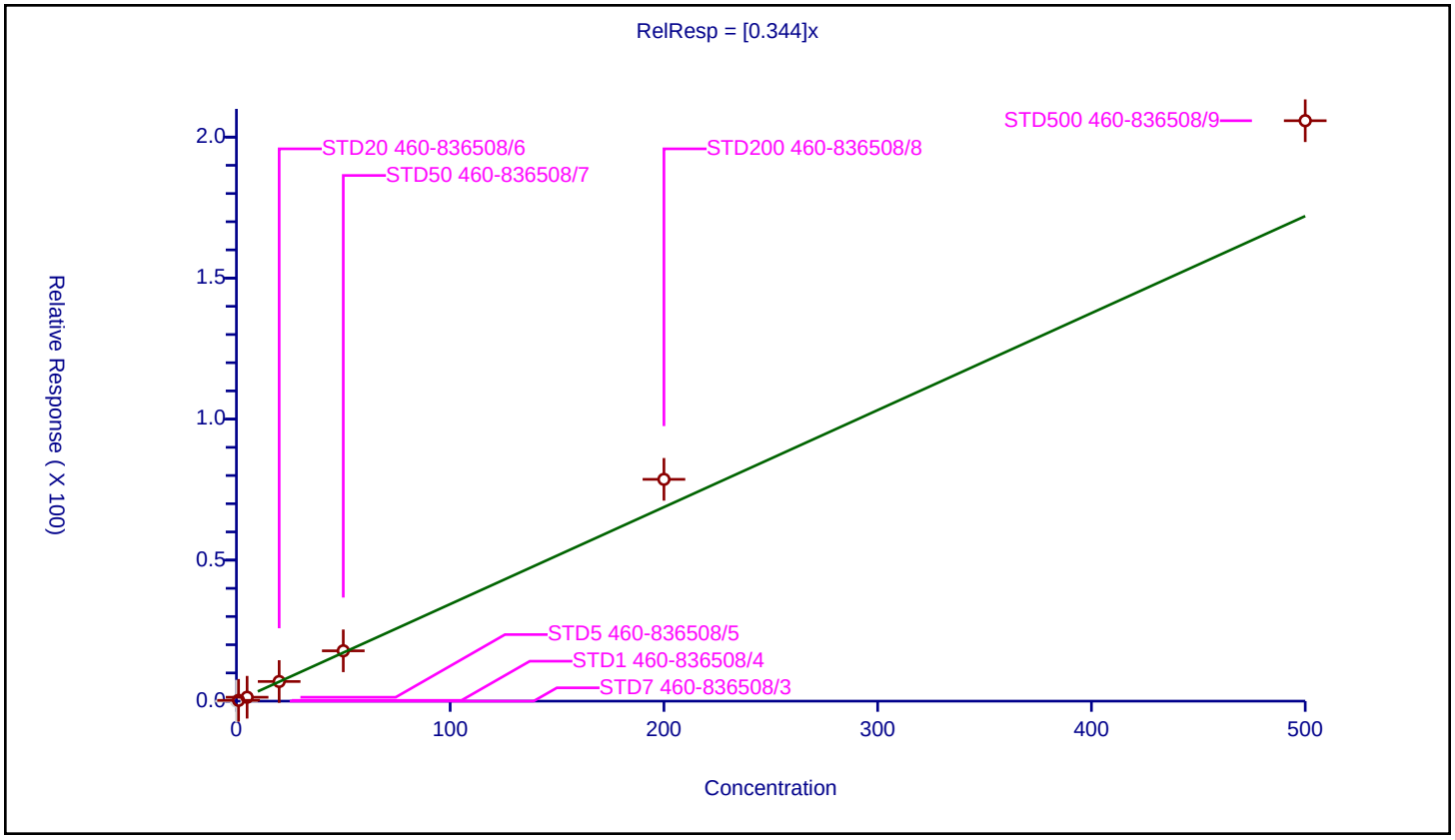
Curve Coefficients

Intercept:	0
Slope:	0.344

Error Coefficients

Standard Error:	603000
Relative Standard Error:	16.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	0.276689	50.0	261485.0	0.276689	Y
3	STD5 460-836508/5	5.0	1.386966	50.0	267274.0	0.277393	Y
4	STD20 460-836508/6	20.0	6.962846	50.0	263118.0	0.348142	Y
5	STD50 460-836508/7	50.0	17.842195	50.0	295782.0	0.356844	Y
6	STD200 460-836508/8	200.0	78.640702	50.0	310366.0	0.393204	Y
7	STD500 460-836508/9	500.0	205.803679	50.0	303971.0	0.411607	Y



Calibration / 2,3-Dihydroindene

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

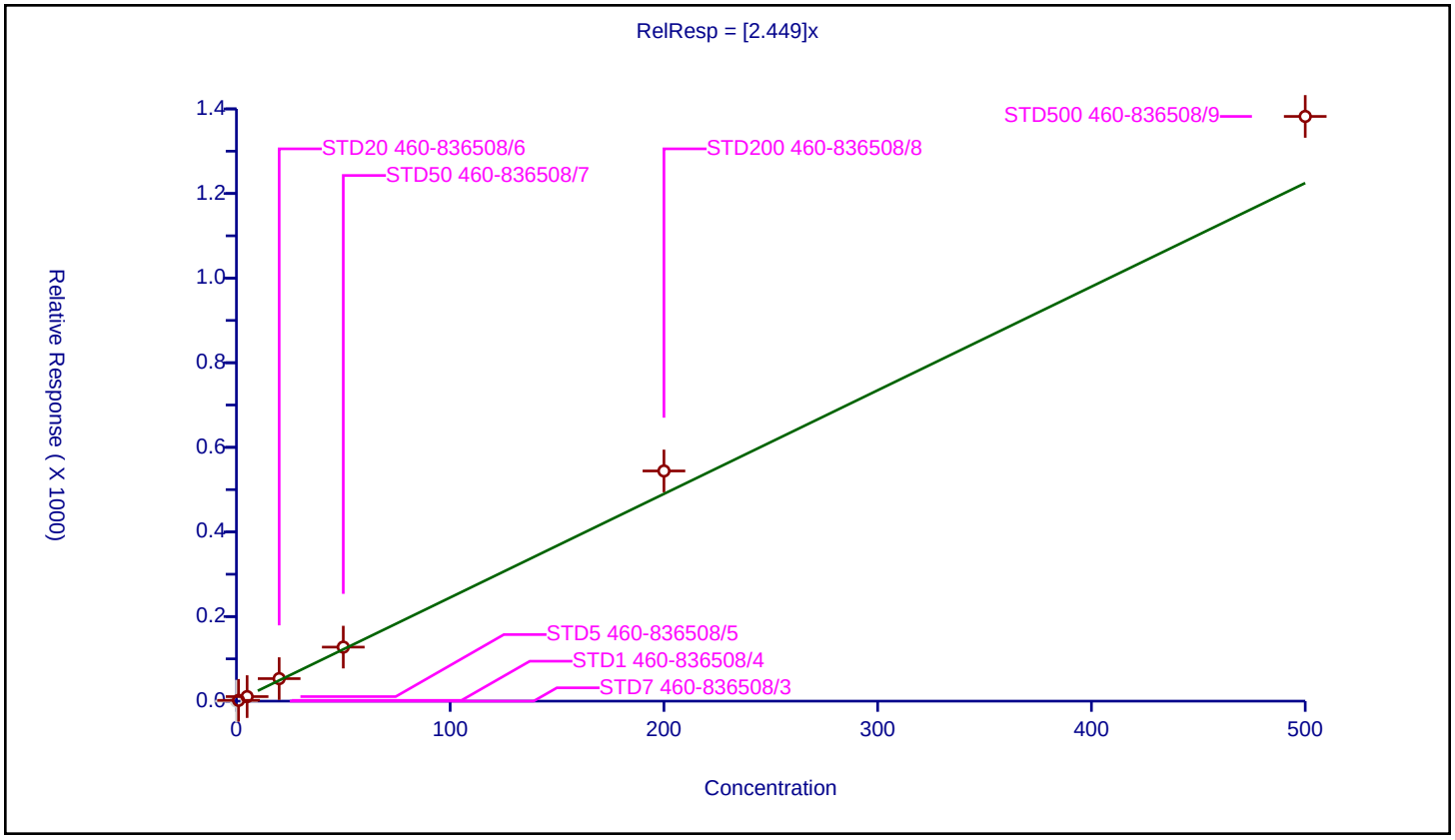
Curve Coefficients

Intercept:	0
Slope:	2.449

Error Coefficients

Standard Error:	4070000
Relative Standard Error:	15.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	1.843318	50.0	261485.0	1.843318	Y
3	STD5 460-836508/5	5.0	10.763486	50.0	267274.0	2.152697	Y
4	STD20 460-836508/6	20.0	53.236001	50.0	263118.0	2.6618	Y
5	STD50 460-836508/7	50.0	127.693538	50.0	295782.0	2.553871	Y
6	STD200 460-836508/8	200.0	544.153516	50.0	310366.0	2.720768	Y
7	STD500 460-836508/9	500.0	1382.191393	50.0	303971.0	2.764383	Y



Calibration / p-Diethylbenzene

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

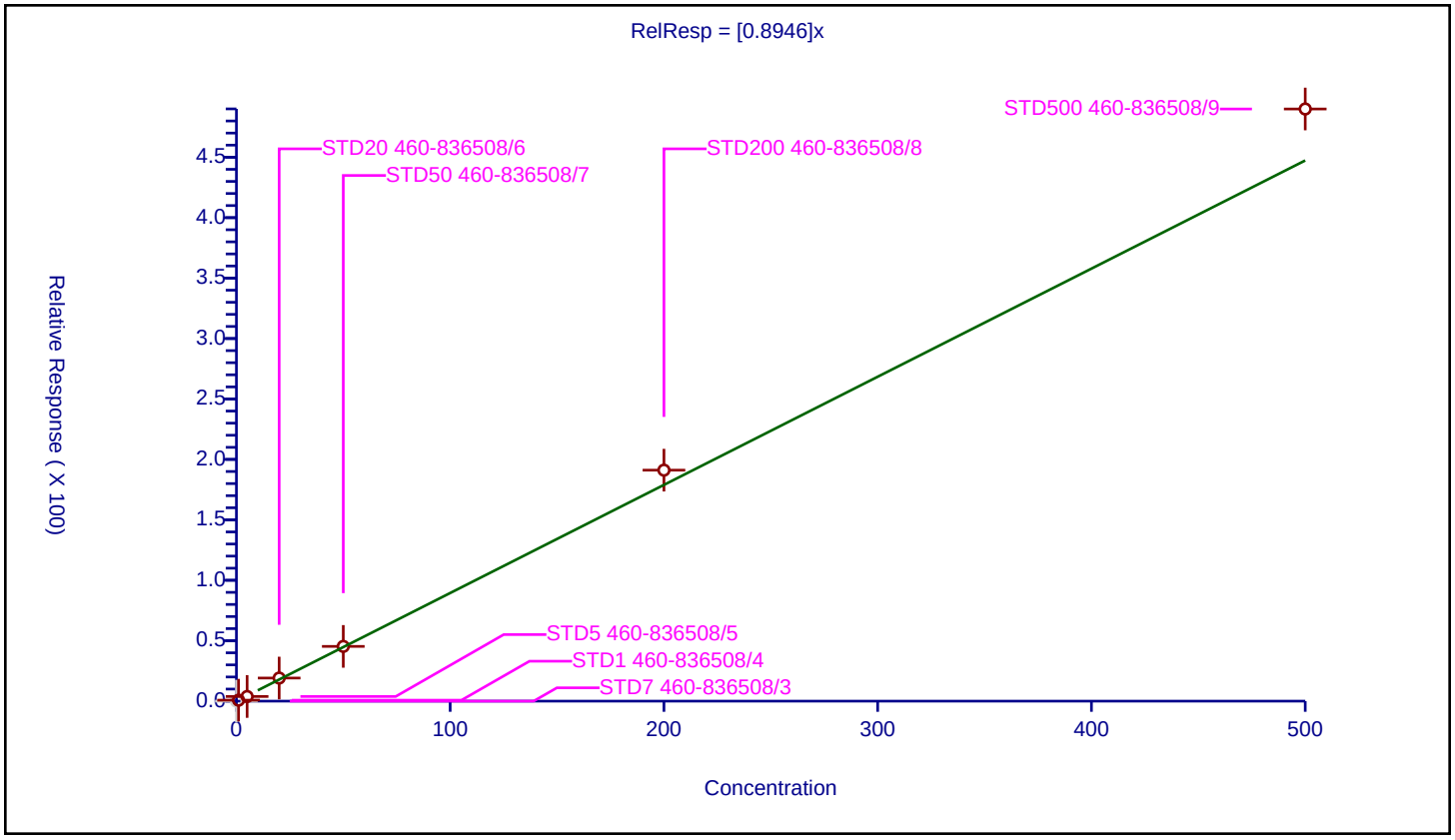
Curve Coefficients

Intercept:	0
Slope:	0.8946

Error Coefficients

Standard Error:	1440000
Relative Standard Error:	9.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	0.80387	50.0	261485.0	0.80387	Y
3	STD5 460-836508/5	5.0	3.834455	50.0	267274.0	0.766891	Y
4	STD20 460-836508/6	20.0	19.113668	50.0	263118.0	0.955683	Y
5	STD50 460-836508/7	50.0	45.3011	50.0	295782.0	0.906022	Y
6	STD200 460-836508/8	200.0	191.096319	50.0	310366.0	0.955482	Y
7	STD500 460-836508/9	500.0	489.911044	50.0	303971.0	0.979822	Y



Calibration / n-Butylbenzene

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

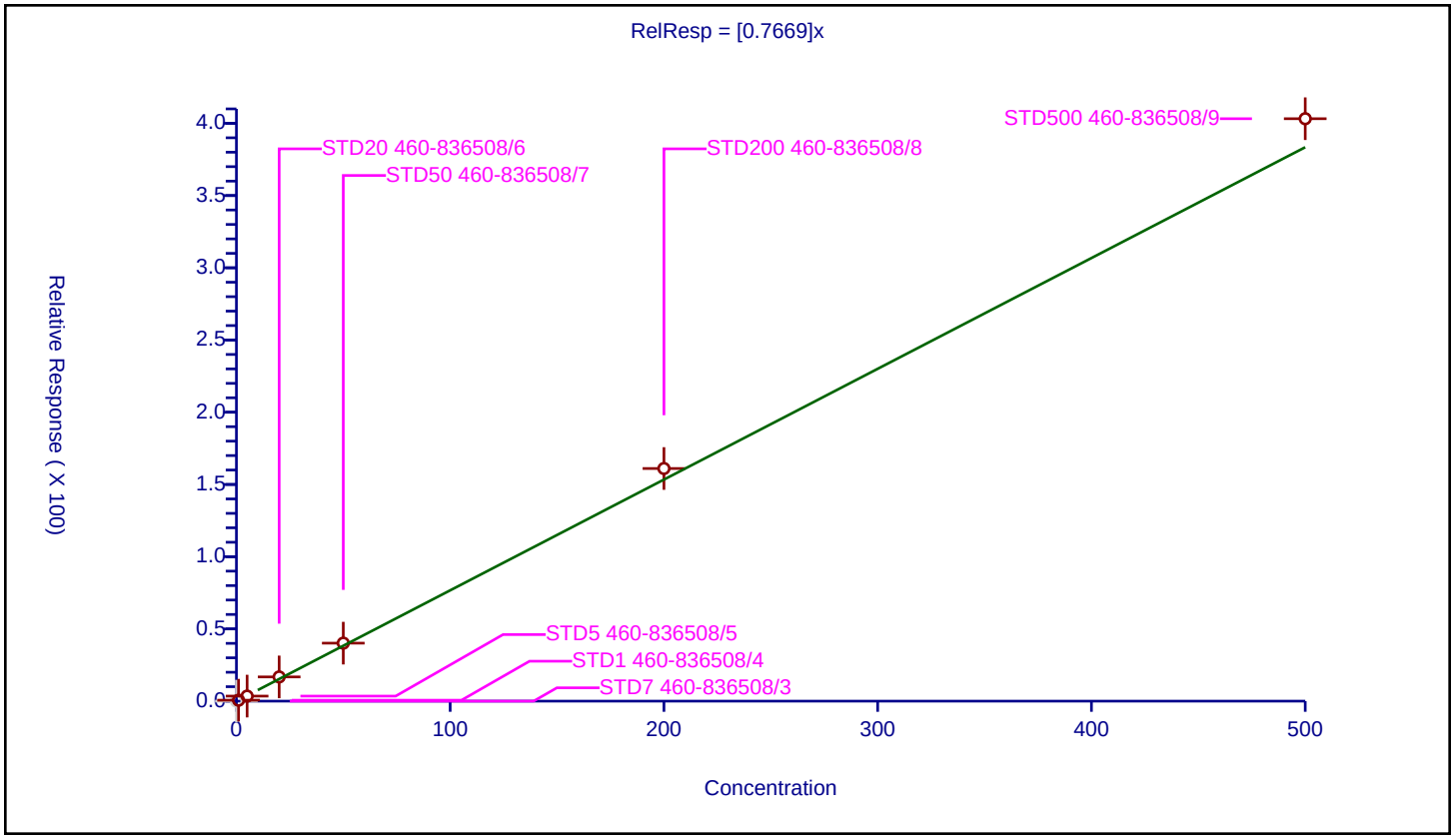
Curve Coefficients

Intercept:	0
Slope:	0.7669

Error Coefficients

Standard Error:	1190000
Relative Standard Error:	9.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	0.651089	50.0	261485.0	0.651089	Y
3	STD5 460-836508/5	5.0	3.487058	50.0	267274.0	0.697412	Y
4	STD20 460-836508/6	20.0	16.760541	50.0	263118.0	0.838027	Y
5	STD50 460-836508/7	50.0	40.157616	50.0	295782.0	0.803152	Y
6	STD200 460-836508/8	200.0	161.045508	50.0	310366.0	0.805228	Y
7	STD500 460-836508/9	500.0	403.199976	50.0	303971.0	0.8064	Y



Calibration / 1,2-Dichlorobenzene

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

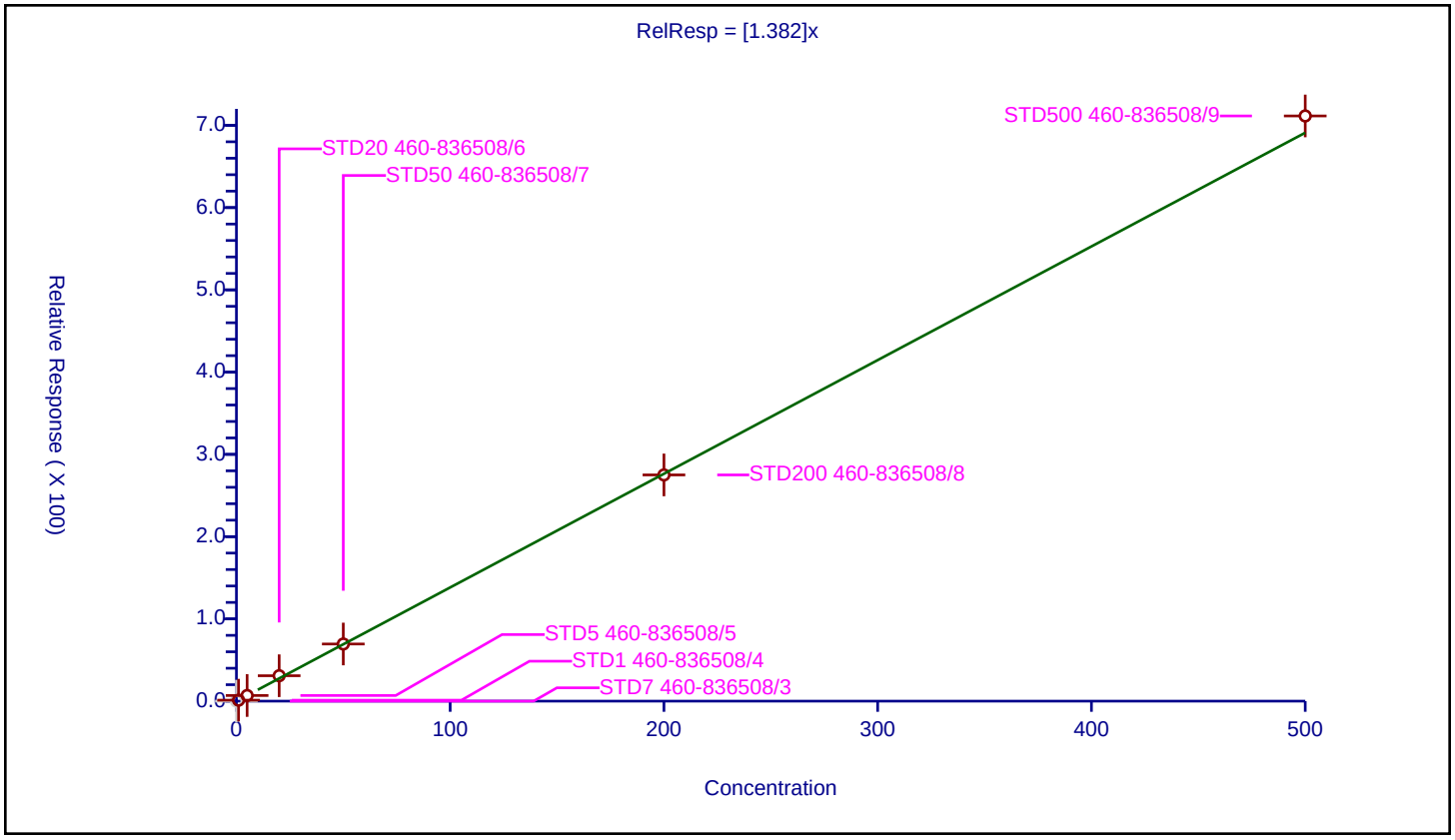
Curve Coefficients

Intercept:	0
Slope:	1.382

Error Coefficients

Standard Error:	2090000
Relative Standard Error:	8.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	1.191082	50.0	261485.0	1.191082	Y
3	STD5 460-836508/5	5.0	6.844848	50.0	267274.0	1.36897	Y
4	STD20 460-836508/6	20.0	30.890133	50.0	263118.0	1.544507	Y
5	STD50 460-836508/7	50.0	69.481916	50.0	295782.0	1.389638	Y
6	STD200 460-836508/8	200.0	274.997583	50.0	310366.0	1.374988	Y
7	STD500 460-836508/9	500.0	711.40668	50.0	303971.0	1.422813	Y



Calibration / 1,2,4,5-Tetramethylbenzene

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

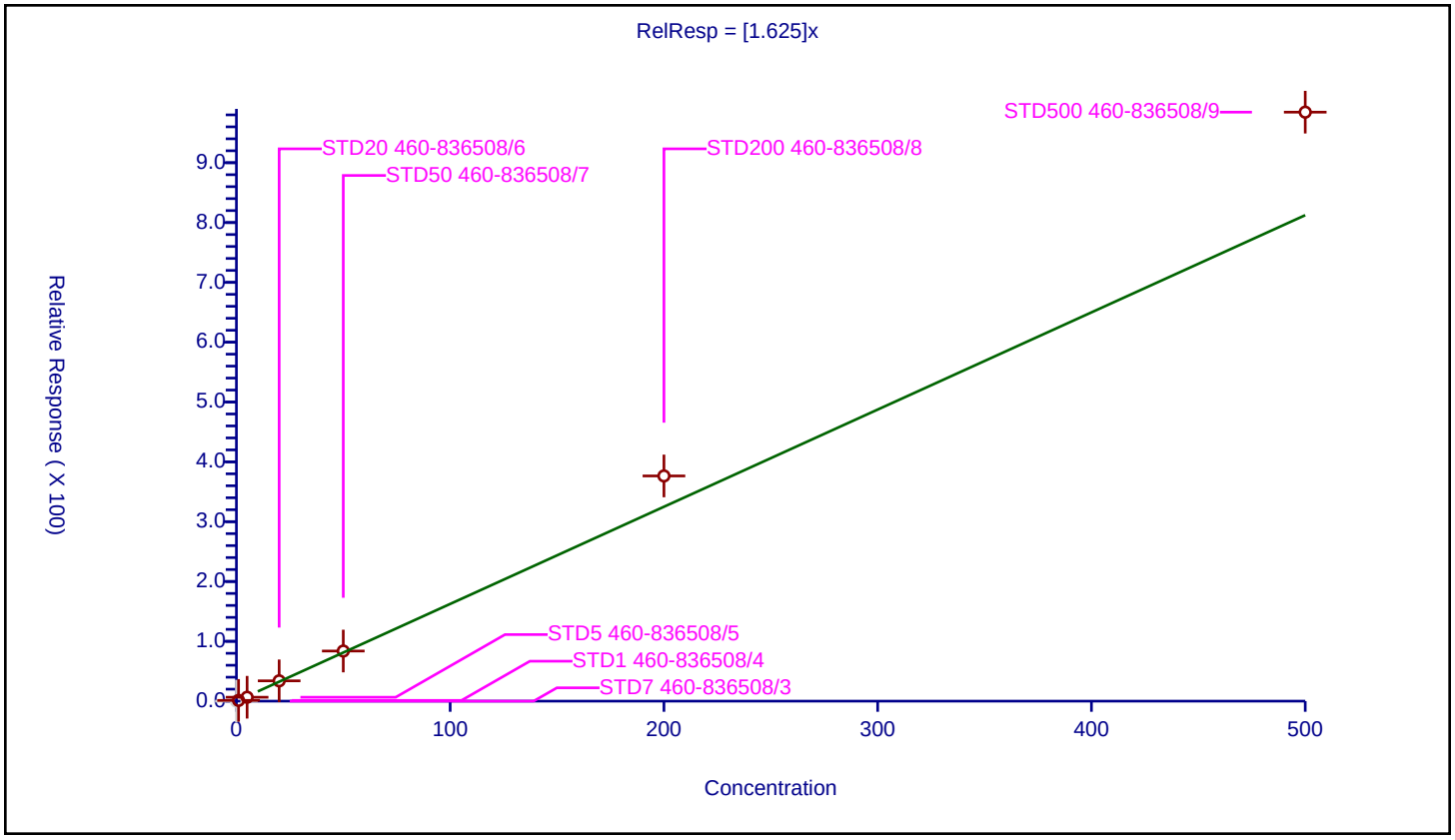
Curve Coefficients

Intercept:	0
Slope:	1.625

Error Coefficients

Standard Error:	2880000
Relative Standard Error:	18.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	1.218426	50.0	261485.0	1.218426	Y
3	STD5 460-836508/5	5.0	6.52252	50.0	267274.0	1.304504	Y
4	STD20 460-836508/6	20.0	33.964229	50.0	263118.0	1.698211	Y
5	STD50 460-836508/7	50.0	83.75459	50.0	295782.0	1.675092	Y
6	STD200 460-836508/8	200.0	376.457634	50.0	310366.0	1.882288	Y
7	STD500 460-836508/9	500.0	984.529774	50.0	303971.0	1.96906	Y



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

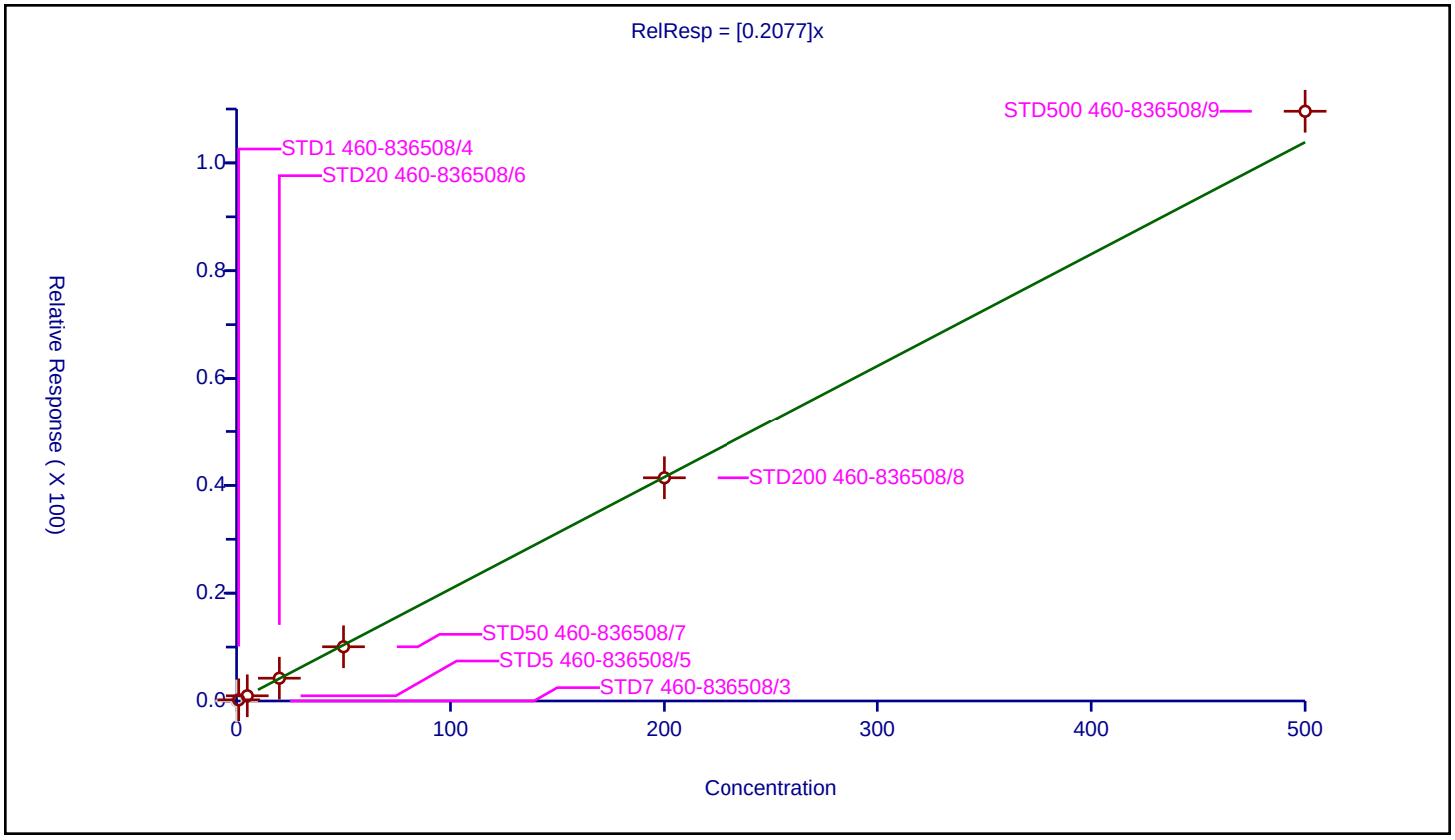
Curve Coefficients

Intercept:	0
Slope:	0.2077

Error Coefficients

Standard Error:	321000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	0.213779	50.0	261485.0	0.213779	Y
3	STD5 460-836508/5	5.0	0.967546	50.0	267274.0	0.193509	Y
4	STD20 460-836508/6	20.0	4.228331	50.0	263118.0	0.211417	Y
5	STD50 460-836508/7	50.0	10.058421	50.0	295782.0	0.201168	Y
6	STD200 460-836508/8	200.0	41.409175	50.0	310366.0	0.207046	Y
7	STD500 460-836508/9	500.0	109.583973	50.0	303971.0	0.219168	Y



Calibration / 1,3,5-Trichlorobenzene

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

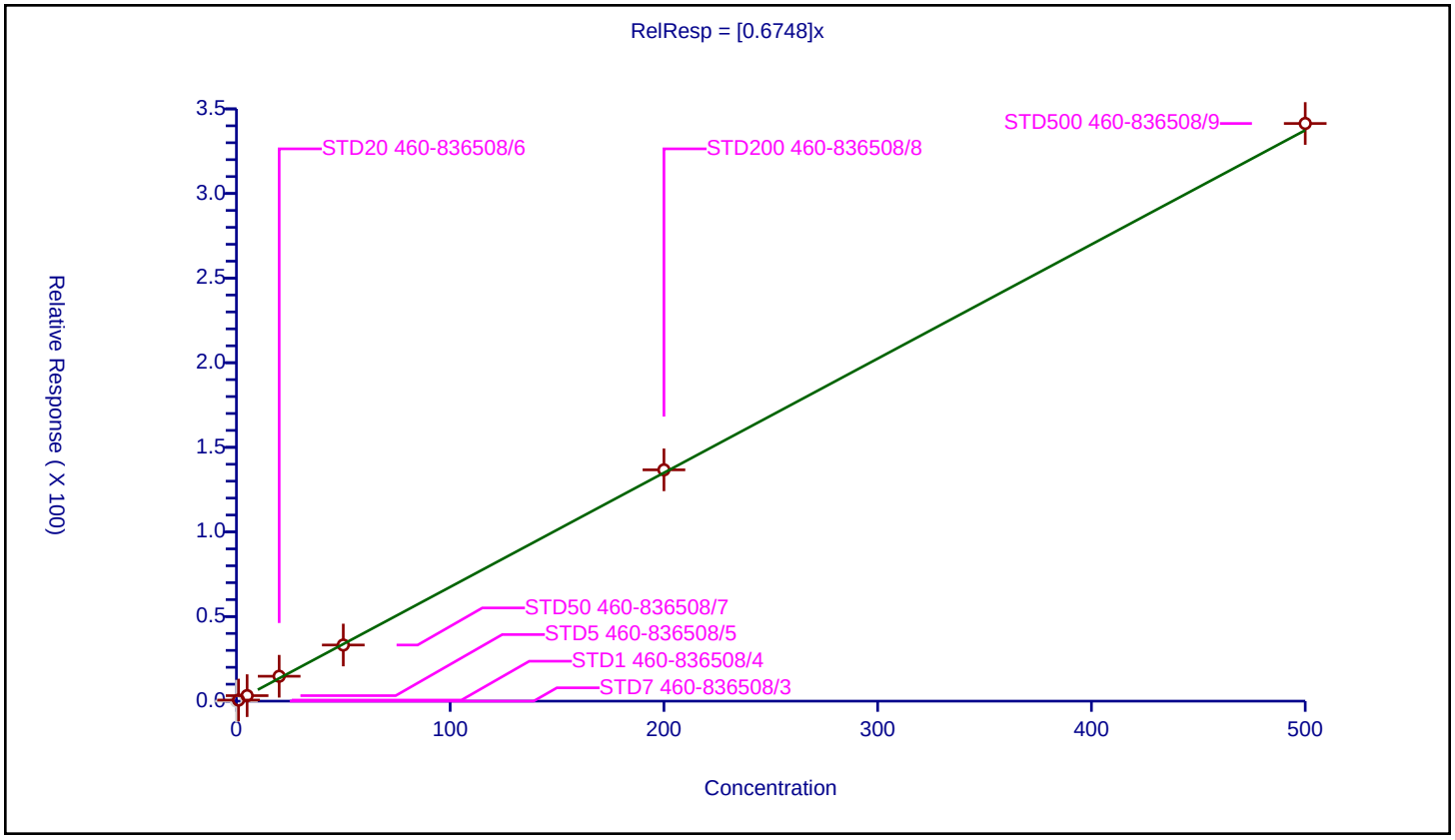
Curve Coefficients

Intercept:	0
Slope:	0.6748

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	5.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	0.632732	50.0	261485.0	0.632732	Y
3	STD5 460-836508/5	5.0	3.253964	50.0	267274.0	0.650793	Y
4	STD20 460-836508/6	20.0	14.71051	50.0	263118.0	0.735526	Y
5	STD50 460-836508/7	50.0	33.166487	50.0	295782.0	0.66333	Y
6	STD200 460-836508/8	200.0	136.692002	50.0	310366.0	0.68346	Y
7	STD500 460-836508/9	500.0	341.378618	50.0	303971.0	0.682757	Y



Calibration / 1,2,4-Trichlorobenzene

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

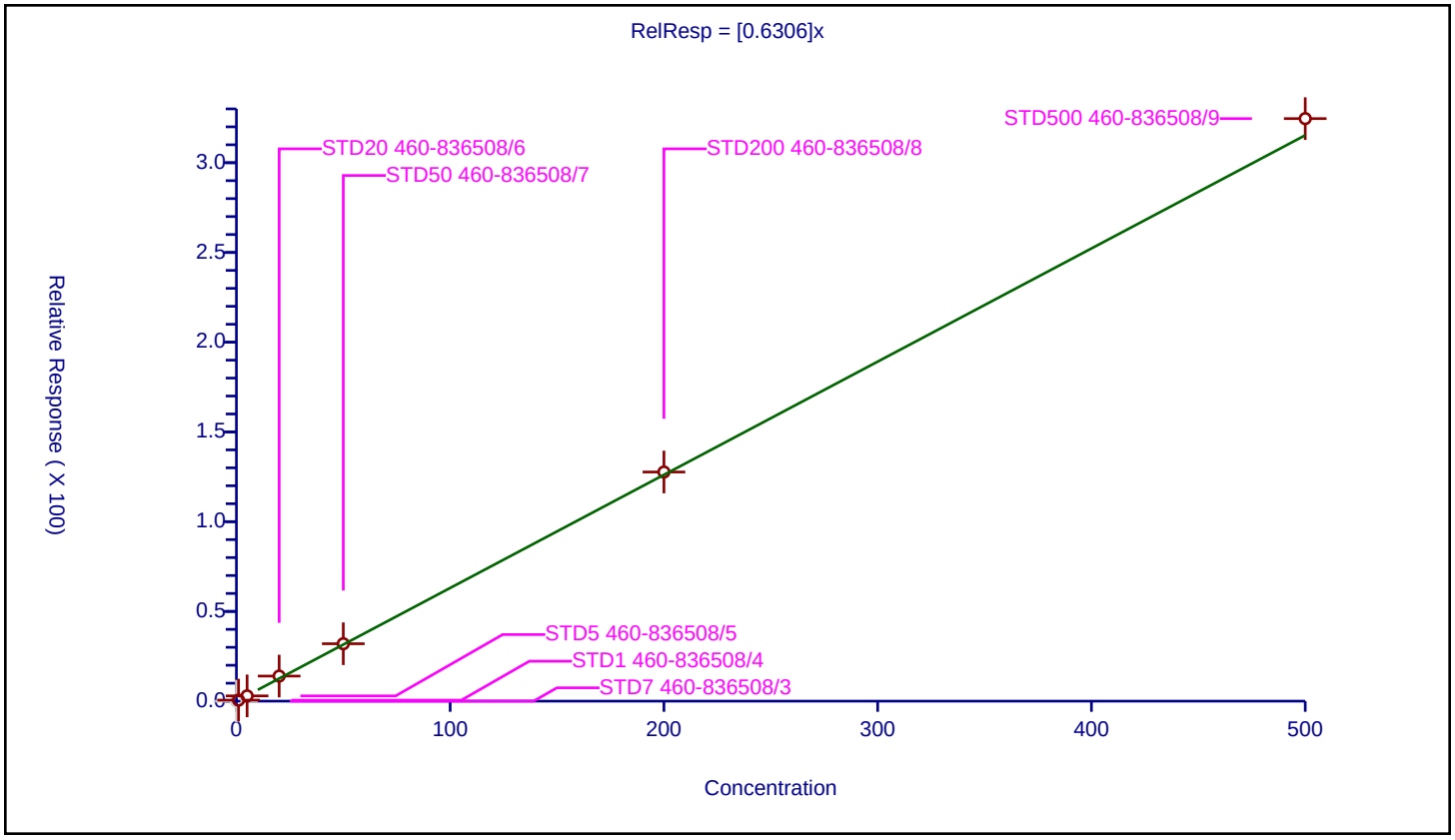
Curve Coefficients

Intercept:	0
Slope:	0.6306

Error Coefficients

Standard Error:	955000
Relative Standard Error:	7.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	0.570778	50.0	261485.0	0.570778	Y
3	STD5 460-836508/5	5.0	2.934816	50.0	267274.0	0.586963	Y
4	STD20 460-836508/6	20.0	13.967117	50.0	263118.0	0.698356	Y
5	STD50 460-836508/7	50.0	31.991805	50.0	295782.0	0.639836	Y
6	STD200 460-836508/8	200.0	127.669912	50.0	310366.0	0.63835	Y
7	STD500 460-836508/9	500.0	324.589188	50.0	303971.0	0.649178	Y



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

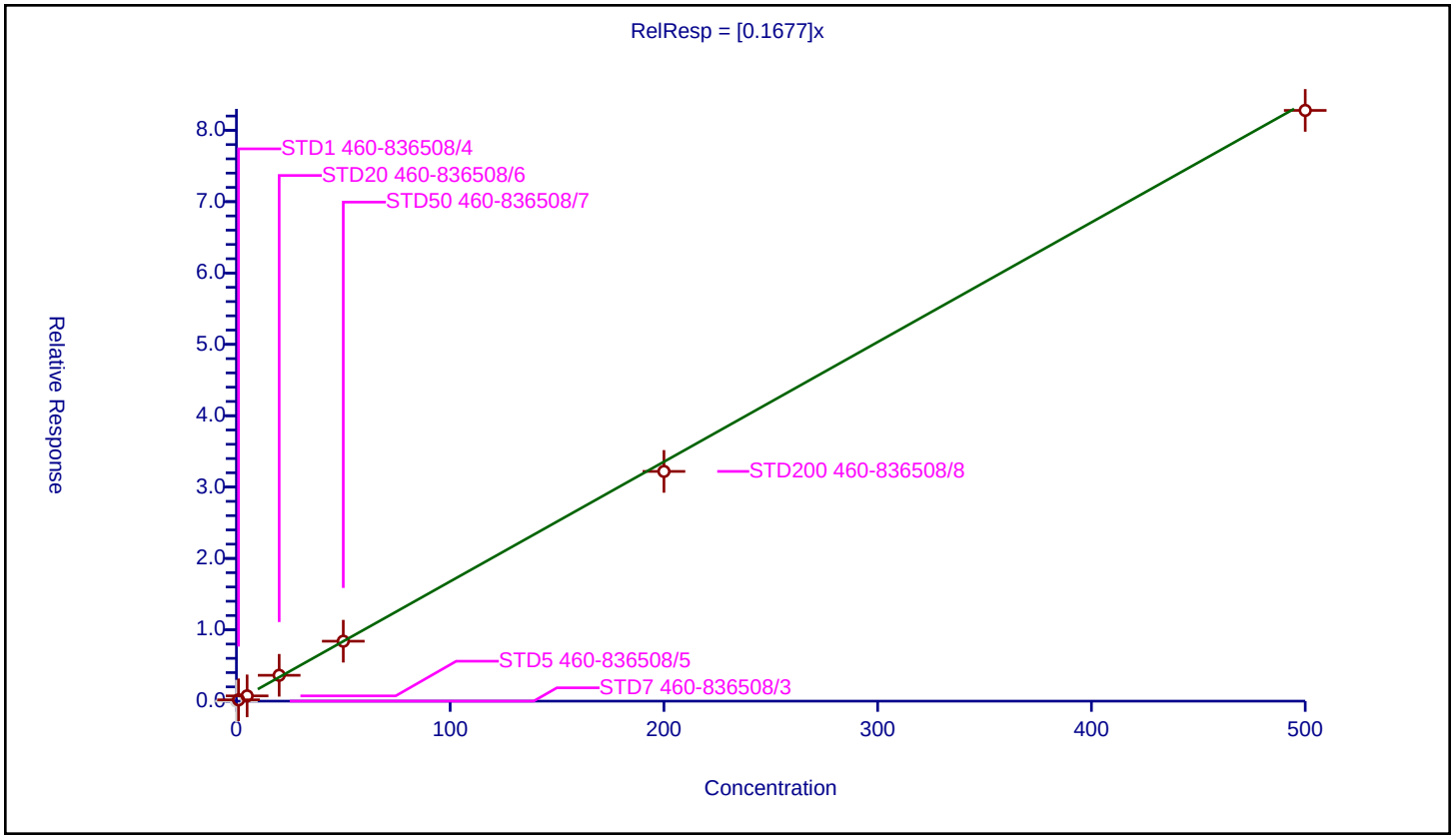
Curve Coefficients

Intercept:	0
Slope:	0.1677

Error Coefficients

Standard Error:	243000
Relative Standard Error:	7.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	0.183185	50.0	261485.0	0.183185	Y
3	STD5 460-836508/5	5.0	0.737633	50.0	267274.0	0.147527	Y
4	STD20 460-836508/6	20.0	3.624039	50.0	263118.0	0.181202	Y
5	STD50 460-836508/7	50.0	8.401289	50.0	295782.0	0.168026	Y
6	STD200 460-836508/8	200.0	32.193926	50.0	310366.0	0.16097	Y
7	STD500 460-836508/9	500.0	82.787503	50.0	303971.0	0.165575	Y



Calibration / Naphthalene

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

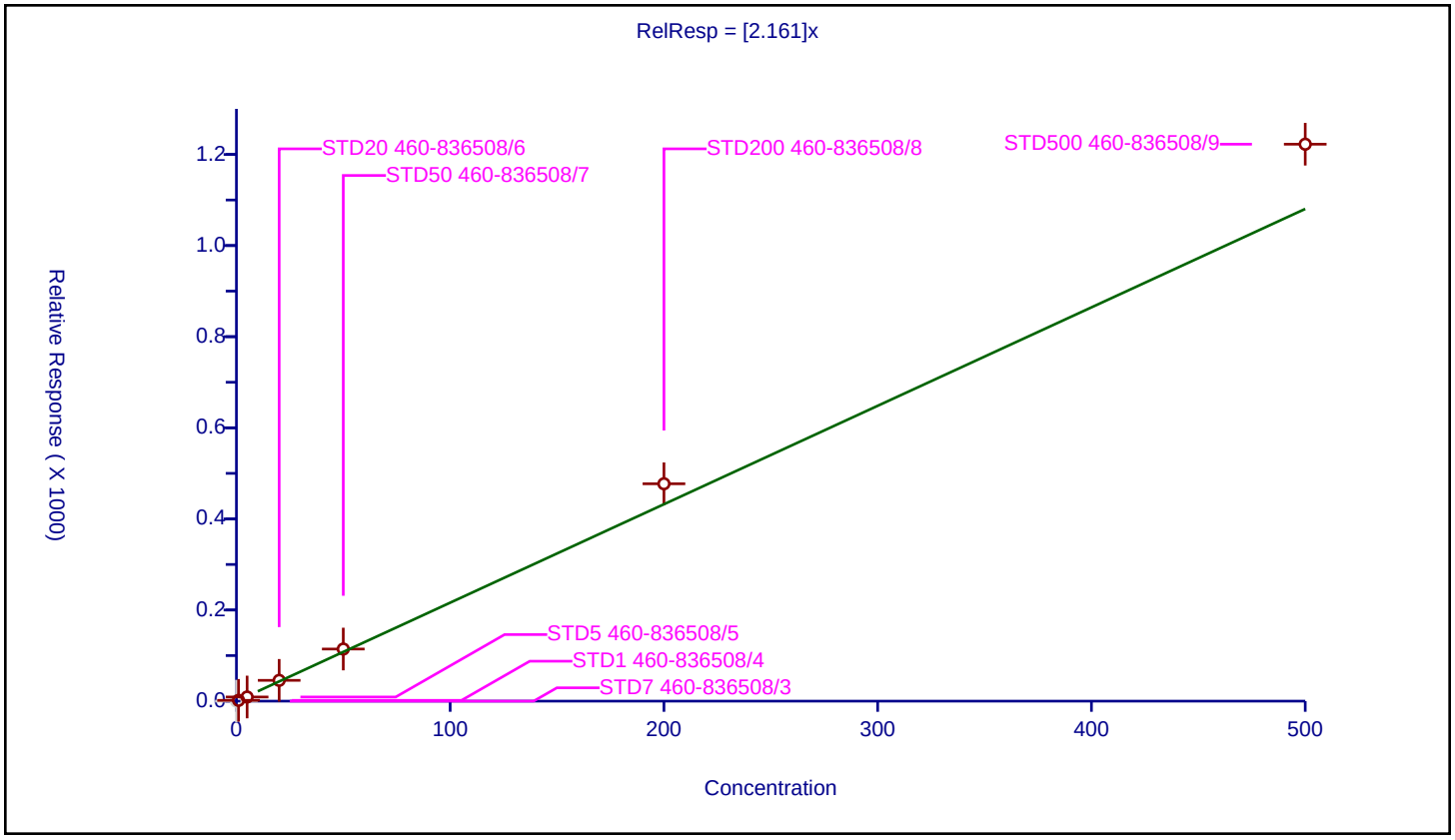
Curve Coefficients

Intercept:	0
Slope:	2.161

Error Coefficients

Standard Error:	3590000
Relative Standard Error:	13.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	1.744268	50.0	261485.0	1.744268	Y
3	STD5 460-836508/5	5.0	9.109565	50.0	267274.0	1.821913	Y
4	STD20 460-836508/6	20.0	45.623827	50.0	263118.0	2.281191	Y
5	STD50 460-836508/7	50.0	114.357196	50.0	295782.0	2.287144	Y
6	STD200 460-836508/8	200.0	477.150526	50.0	310366.0	2.385753	Y
7	STD500 460-836508/9	500.0	1222.457405	50.0	303971.0	2.444915	Y



Calibration / 1,2,3-Trichlorobenzene

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

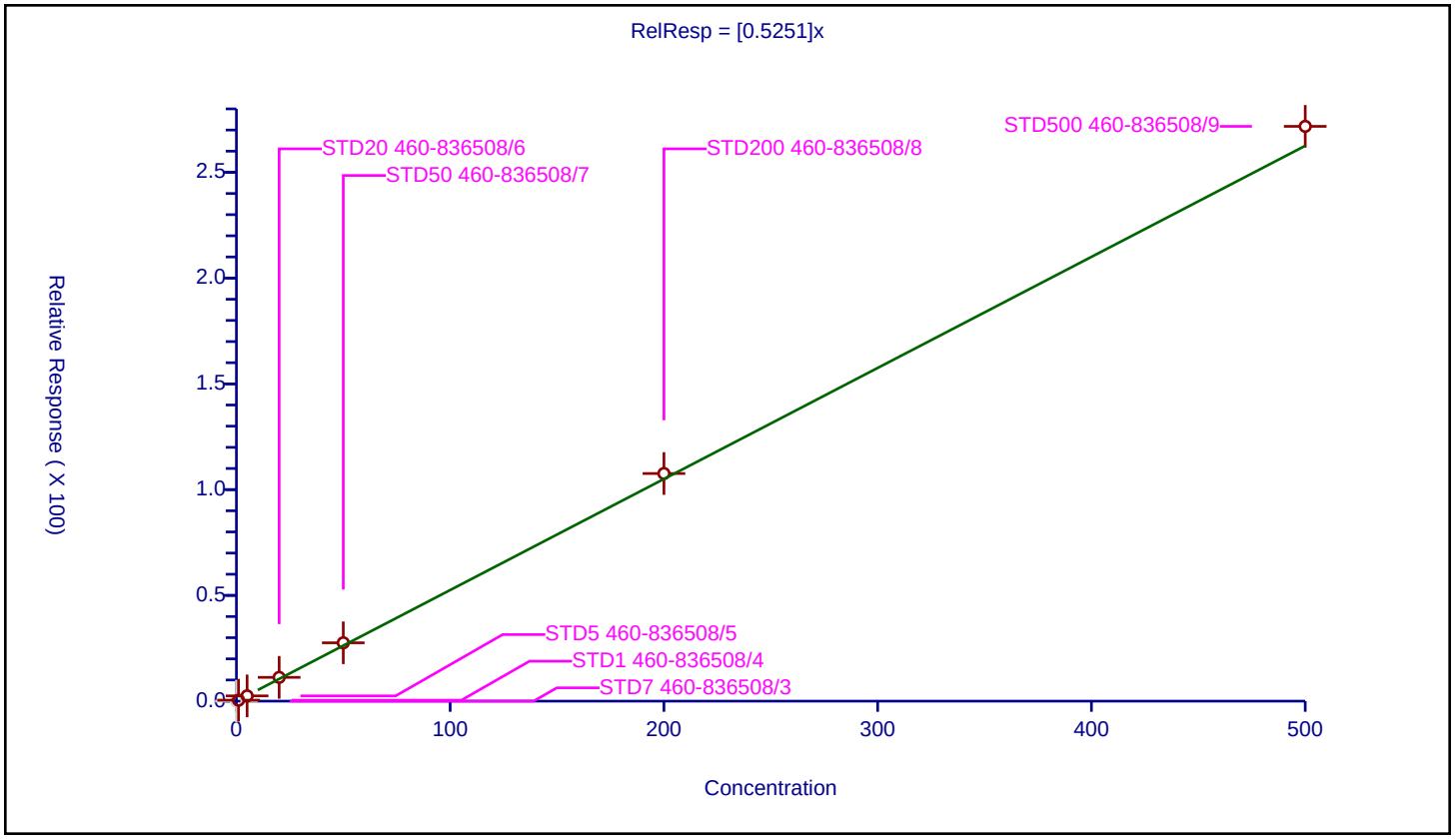
Curve Coefficients

Intercept:	0
Slope:	0.5251

Error Coefficients

Standard Error:	801000
Relative Standard Error:	7.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-836508/3	0.0	0.0	50.0	244256.0	NaN	N
2	STD1 460-836508/4	1.0	0.45777	50.0	261485.0	0.45777	Y
3	STD5 460-836508/5	5.0	2.488458	50.0	267274.0	0.497692	Y
4	STD20 460-836508/6	20.0	11.239254	50.0	263118.0	0.561963	Y
5	STD50 460-836508/7	50.0	27.58366	50.0	295782.0	0.551673	Y
6	STD200 460-836508/8	200.0	107.610531	50.0	310366.0	0.538053	Y
7	STD500 460-836508/9	500.0	271.736449	50.0	303971.0	0.543473	Y



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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-837357/4	B85235.D
Level 2	STD5 460-837357/5	B85236.D
Level 3	STD20 460-837357/17	B85248.D
Level 4	STD50 460-837357/7	B85238.D
Level 5	STD200 460-837357/8	B85239.D
Level 6	STD500 460-837357/9	B85240.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.4518 0.4182	0.3949	0.4982	0.5016	0.4536	Ave		0.4530			0.1000	9.4		20.0			
Chlorodifluoromethane	0.1006 0.0563	0.0692	0.0675	0.0651	0.0607	Lin2	0.0393	0.0615							0.9970		0.9900
Chloromethane	0.6911 0.5264	0.6926	0.6694	0.6723	0.5789	Ave		0.6384			0.1000	10.8		20.0			
Butadiene	0.3260 0.3506	0.4143	0.4599	0.4518	0.3864	Ave		0.3982				13.6		20.0			
Vinyl chloride	0.4366 0.3541	0.4780	0.4713	0.4572	0.3919	Ave		0.4315			0.1000	11.3		20.0			
Bromomethane	0.2686 0.1696	0.2793	0.2664	0.2288	0.2121	Ave		0.2375			0.1000	17.8		20.0			
Chloroethane	0.2531 +++++	0.2356	0.2436	0.2002	0.1880	Ave		0.2241			0.1000	12.7		20.0			
Dichlorofluoromethane	0.6218 0.4083	0.6121	0.6373	0.5519	0.5070	Ave		0.5564				15.7		20.0			
Pentane	0.0535 0.0336	0.0494	0.0549	0.0462	0.0405	Ave		0.0463				17.6		20.0			
Trichlorofluoromethane	0.4031 0.3313	0.4485	0.4855	0.4404	0.3894	Ave		0.4164			0.1000	12.9		20.0			
Ethanol	0.0386 0.0304	0.0335	0.0294	0.0382	0.0359	Ave		0.0343				11.4		20.0			
Ethyl ether	0.2312 0.1456	0.2339	0.2067	0.2013	0.1693	Ave		0.1980				17.6		20.0			
2-Methyl-1,3-butadiene	0.2862 0.2060	0.2183	0.2789	0.2798	0.2379	Ave		0.2512				13.9		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	0.2626 0.1903	0.2476	0.2471	0.2339	0.2123	Ave		0.2323				11.4		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrolein	0.7644 0.6375	0.6945	0.7522	0.6084	0.7316	Ave		0.6981				9.1		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	0.4325 0.3226	0.4156	0.4201	0.4119	0.3586	Ave		0.3936				11.0		20.0			
1,1-Dichloroethene	0.2260 0.1841	0.2221	0.2527	0.2476	0.2001	Ave		0.2221			0.1000	12.0		20.0			
Acetone	0.7325 0.6145	0.7379	0.6167	0.6208	0.6989	Ave		0.6702			0.0500	8.9		20.0			
1,1,2-Trichloro-1,2,2-trifluoroeth ane	0.2595 0.2194	0.2650	0.2906	0.2892	0.2397	Ave		0.2606			0.1000	10.7		20.0			
Iodomethane	0.4170 0.3318	0.4340	0.4309	0.4219	0.3596	Ave		0.3992				10.7		20.0			
Carbon disulfide	0.9575 0.8049	0.9418	1.0272	1.0299	0.8683	Ave		0.9383			0.1000	9.5		20.0			
Isopropyl alcohol	0.9385 0.6975	0.6434	0.5752	0.7986	0.7463	Ave		0.7333				17.3		20.0			
3-Chloro-1-propene	0.4163 0.3377	0.4020	0.4472	0.4712	0.3563	Ave		0.4051				12.7		20.0			
Methyl acetate	0.1908 0.1574	0.1960	0.2090	0.2474	0.1707	Ave		0.1952			0.1000	16.1		20.0			
Acetonitrile	0.4313 0.6244	0.5840	0.6274	0.5425	0.6349	Ave		0.5741				13.6		20.0			
Methylene Chloride	0.3629 0.2285	0.3097	0.2903	0.2918	0.2436	Ave		0.2878			0.1000	16.7		20.0			
2-Methyl-2-propanol	1.0592 0.9590	0.9475	0.9474	1.0275	0.9930	Ave		0.9889				4.7		20.0			
Acrylonitrile	2.6800 2.4226	2.7824	2.7543	2.4413	2.6216	Ave		2.6170				5.9		20.0			
trans-1,2-Dichloroethene	0.3033 0.2048	0.2649	0.2774	0.2721	0.2223	Ave		0.2575			0.1000	14.3		20.0			
Methyl tert-butyl ether	0.7686 0.6073	0.7824	0.7376	0.7636	0.6466	Ave		0.7177			0.1000	10.1		20.0			
Hexane	0.4166 0.3822	0.3998	0.4794	0.5001	0.3905	Ave		0.4281				11.6		20.0			
1,1-Dichloroethane	0.5617 0.4951	0.5616	0.5570	0.5768	0.4947	Ave		0.5412			0.2000	6.7		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Vinyl acetate	0.2478 0.2738	0.2668	0.3184	0.2184	0.2382	Ave		0.2606				13.3		20.0			
2-Chloro-1,3-butadiene	0.2341 0.2337	0.2258	0.2439	0.2546	0.2315	Ave		0.2373				4.4		20.0			
Isopropyl ether	0.9828 0.9936	1.0407	1.0090	1.0789	1.0039	Ave		1.0181				3.5		20.0			
Tert-butyl ethyl ether	0.2893 0.2996	0.2689	0.2831	0.3043	0.2939	Ave		0.2898				4.4		20.0			
cis-1,2-Dichloroethene	0.2403 0.2563	0.2750	0.2711	0.2831	0.2548	Ave		0.2634			0.1000	6.0		20.0			
2,2-Dichloropropane	0.1634 0.1276	0.1395	0.1446	0.1458	0.1273	Ave		0.1414				9.5		20.0			
2-Butanone (MEK)	0.2164 0.2106	0.2021	0.2058	0.2039	0.2108	Ave		0.2083			0.0500	2.5		20.0			
Propionitrile	0.2665 0.2768	0.2557	0.2617	0.2759	0.2713	Ave		0.2680				3.1		20.0			
Ethyl acetate	0.1617 0.1718	0.1775	0.1799	0.1601	0.1606	Ave		0.1686				5.3		20.0			
Methyl acrylate	0.2280 0.2428	0.2547	0.2405	0.3000	0.2392	Ave		0.2509				10.2		20.0			
Chlorobromomethane	0.1344 0.1099	0.1256	0.1231	0.1286	0.1118	Ave		0.1222				7.9		20.0			
Methacrylonitrile	0.0873 0.0845	0.0906	0.0894	0.1060	0.0854	Ave		0.0905				8.7		20.0			
Tetrahydrofuran	0.1670 0.2322	0.2175	0.2363	0.2341	0.2269	Ave		0.2190				12.0		20.0			
Chloroform	0.4509 0.4302	0.4537	0.4642	0.4754	0.4243	Ave		0.4498			0.2000	4.3		20.0			
1,1,1-Trichloroethane	0.3365 0.3928	0.3775	0.4340	0.4477	0.3847	Ave		0.3955			0.1000	10.2		20.0			
Cyclohexane	0.3204 0.4121	0.3393	0.4293	0.4637	0.4093	Ave		0.3957			0.1000	13.9		20.0			
1,1-Dichloropropene	0.2757 0.3461	0.3219	0.3648	0.3916	0.3326	Ave		0.3388				11.7		20.0			
Carbon tetrachloride	0.2973 0.3312	0.3120	0.3465	0.3754	0.3230	Ave		0.3309			0.1000	8.3		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzene	1.3308 1.4525	1.6994	1.6066	1.6864	1.4347	Ave		1.5351			0.5000	9.8		20.0			
1,2-Dichloroethane	0.3542 0.3070	0.3429	0.3259	0.3424	0.3009	Ave		0.3289			0.1000	6.5		20.0			
Isobutyl alcohol	0.1115 0.2617	0.1429	0.1351	0.1890	0.2474	QuaF		0.2283	0.0000027						0.9990		0.9900
Tert-amyl methyl ether	0.6660 0.8871	0.6921	0.7475	0.9152	0.8575	Ave		0.7942				13.4		20.0			
Isopropyl acetate	0.7101 +++++	0.8539	0.9212	1.0763	1.1803	Ave		0.9483				19.5		20.0			
n-Heptane	0.4743 0.4918	0.4725	0.5650	0.6085	0.5003	Ave		0.5187				10.7		20.0			
Trichloroethene	0.2001 0.2319	0.2283	0.2450	0.2554	0.2265	Ave		0.2312			0.2000	8.2		20.0			
n-Butanol	0.0461 0.1128	0.0153	0.0322	0.0480	0.0962	QuaF		0.0783	0.0000028						0.9980		0.9900
Methylcyclohexane	0.3579 0.4914	0.3656	0.4948	0.5319	0.4776	Ave		0.4532			0.1000	16.1		20.0			
Ethyl acrylate	0.5334 0.7241	0.5616	0.6961	0.8169	0.7049	Ave		0.6728				15.8		20.0			
1,2-Dichloropropane	0.2371 0.2577	0.2521	0.2745	0.2883	0.2597	Ave		0.2616			0.1000	6.8		20.0			
Dibromomethane	0.1255 0.1255	0.1379	0.1314	0.1444	0.1239	Ave		0.1315				6.3		20.0			
1,4-Dioxane	0.5605 +++++	1.0166	1.0668	1.0519	0.9064	Lin2	-9.217	1.0379							0.9930		0.9900
Methyl methacrylate	0.0427 0.0479	0.0366	0.0433	0.0532	0.0471	Ave		0.0451				12.5		20.0			
Dichlorobromomethane	0.2962 0.3013	0.2901	0.2945	0.3162	0.2947	Ave		0.2988			0.2000	3.1		20.0			
n-Propyl acetate	0.2399 0.3167	0.2305	0.3031	0.3698	0.3100	Ave		0.2950				17.6		20.0			
2-Nitropropane	0.0972 0.0544	0.0454	0.0478	0.0607	0.0521	QuaF		0.0519	0.0000025						1.0000		0.9900
2-Chloroethyl vinyl ether	0.0447 0.0774	0.0491	0.0595	0.0724	0.0695	Qua2	-0.019	0.0617	0.0000338						0.9910		0.9900

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

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Epichlorohydrin	0.1071 0.1746	0.1283	0.1533	0.1627	0.1681	Ave		0.1490				17.5		20.0			
cis-1,3-Dichloropropene	0.3868 0.5612	0.5037	0.5408	0.5986	0.5572	Ave		0.5247			0.2000	14.1		20.0			
4-Methyl-2-pentanone (MIBK)	1.7446 1.8963	1.5093	1.6976	1.7989	1.8710	Ave		1.7529			0.0500	8.0		20.0			
Toluene	1.3270 1.4326	1.5671	1.5451	1.6286	1.4411	Ave		1.4902			0.4000	7.4		20.0			
trans-1,3-Dichloropropene	0.3474 0.4807	0.4045	0.4293	0.4868	0.4621	Ave		0.4351			0.1000	12.2		20.0			
1,1,2-Trichloroethane	0.1995 0.2223	0.2483	0.2354	0.2559	0.2231	Ave		0.2308			0.1000	8.8		20.0			
Ethyl methacrylate	0.1764 0.2653	0.1718	0.2114	0.2665	0.2523	Ave		0.2240				19.4		20.0			
Tetrachloroethene	0.2649 0.3203	0.3184	0.3512	0.3609	0.3173	Ave		0.3222			0.2000	10.5		20.0			
1,3-Dichloropropane	0.4815 0.4695	0.4852	0.4742	0.5169	0.4600	Ave		0.4812				4.1		20.0			
2-Hexanone	0.7539 1.2596	0.7710	1.0353	1.1458	1.2241	Qua2	-1.535	1.0246	0.0001120		0.0500				0.9900		0.9900
Chlorodibromomethane	0.2358 0.3002	0.2647	0.2840	0.3051	0.2907	Ave		0.2801			0.1000	9.3		20.0			
Ethylene Dibromide	0.2204 0.2550	0.2426	0.2484	0.2833	0.2484	Ave		0.2497			0.1000	8.1		20.0			
n-Butyl acetate	0.3855 0.5146	0.3860	0.4183	0.5614	0.4904	Ave		0.4593				16.0		20.0			
Chlorobenzene	0.7974 0.8614	0.8515	0.8893	0.9115	0.8335	Ave		0.8574			0.5000	4.7		20.0			
1,1,1,2-Tetrachloroethane	0.2483 0.3366	0.3311	0.3002	0.3344	0.3231	Ave		0.3123				10.9		20.0			
Ethylbenzene	0.3438 0.5042	0.4160	0.5017	0.5318	0.4900	Ave		0.4646			0.1000	15.2		20.0			
m-Xylene & p-Xylene	0.3601 0.6134	0.4582	0.5744	0.6365	0.5916	Ave		0.5390			0.1000	19.9		20.0			
o-Xylene	0.3957 0.6107	0.4839	0.5529	0.6138	0.5915	Ave		0.5414			0.3000	15.9		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Styrene	0.5699 1.0238	0.6780	0.8741	0.9887	0.9794	Qua2	-0.337	0.8813	0.0003303		0.3000				0.9920		0.9900
n-Butyl acrylate	0.0838 0.2317	0.1323	0.1588	0.2174	0.2198	QuaF		0.2109	0.0000417						1.0000		0.9900
Bromoform	0.1330 0.1952	0.1508	0.1651	0.1889	0.1821	Ave		0.1692			0.1000	14.2		20.0			
Amyl acetate (mixed isomers)	0.6711 1.0428	0.6454	0.8024	1.0438	1.0009	QuaF		0.9771	0.0001313						1.0000		0.9900
Isopropylbenzene	0.9326 1.7411	1.2516	1.5541	1.7371	1.6774	Lin2	-0.759	1.6440			0.1000				0.9930		0.9900
Bromobenzene	0.5796 0.6093	0.6222	0.6690	0.6631	0.5934	Ave		0.6228				5.9		20.0			
1,2,3-Trichloropropane	0.1596 0.1613	0.1901	0.1780	0.1959	0.1587	Ave		0.1739				9.5		20.0			
1,1,2,2-Tetrachloroethane	0.7149 0.6111	0.6800	0.6700	0.7168	0.5925	Ave		0.6642			0.3000	7.8		20.0			
trans-1,4-Dichloro-2-butene	0.1827 0.2080	0.1762	0.2014	0.2368	0.1995	Ave		0.2008				10.6		20.0			
N-Propylbenzene	0.6103 0.7630	0.5986	0.7940	0.8139	0.7431	Ave		0.7205				12.9		20.0			
2-Chlorotoluene	0.5518 0.6594	0.5783	0.7199	0.7110	0.6456	Ave		0.6443				10.6		20.0			
4-Ethyltoluene	1.8319 2.9061	2.2858	2.8398	2.9400	2.8048	Ave		2.6014				17.2		20.0			
4-Chlorotoluene	1.9167 2.4237	2.1082	2.4083	2.5172	2.3240	Ave		2.2830				9.9		20.0			
1,3,5-Trimethylbenzene	1.6826 2.5529	1.9425	2.4505	2.5595	2.4521	Ave		2.2734				16.2		20.0			
Butyl Methacrylate	0.4104 0.7746	0.4072	0.5331	0.6607	0.7242	QuaF		0.6812	0.0001874						1.0000		0.9900
tert-Butylbenzene	1.2581 2.0777	1.4691	1.8974	2.0562	1.9525	Ave		1.7852				19.0		20.0			
1,2,4-Trimethylbenzene	1.5588 2.6042	1.9324	2.4593	2.5438	2.4727	Ave		2.2619				18.6		20.0			
sec-Butylbenzene	2.0767 3.3872	2.3242	3.1849	3.3990	3.2398	Ave		2.9353				19.8		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,3-Dichlorobenzene	1.1442 1.2880	1.1864	1.3394	1.3371	1.2405	Ave		1.2559			0.6000	6.4		20.0			
1,4-Dichlorobenzene	1.3051 1.2741	1.2490	1.3575	1.3329	1.2203	Ave		1.2898			0.5000	4.0		20.0			
4-Isopropyltoluene	1.7625 2.8519	2.1169	2.6993	2.7557	2.7077	Ave		2.4824				17.7		20.0			
1,2,3-Trimethylbenzene	1.7357 2.8658	2.0381	2.5136	2.6458	2.7231	Ave		2.4203				18.1		20.0			
Benzyl chloride	0.1356 0.2425	0.1431	0.1986	0.2237	0.2235	QuaF		0.2117	0.0000615						1.0000		0.9900
Indan	0.5267 0.9675	0.5837	0.7328	0.8427	0.9037	Qua2	-0.242	0.7459	0.0005031						0.9920		0.9900
1,2-Dichlorobenzene	1.0191 1.2485	1.1627	1.2433	1.2857	1.2034	Ave		1.1938			0.4000	8.0		20.0			
p-Diethylbenzene	0.6916 1.5143	1.0188	1.3589	1.4276	1.4223	Lin2	-0.752	1.3990							0.9920		0.9900
n-Butylbenzene	0.8269 1.6161	1.1777	1.5131	1.5930	1.5300	Lin2	-0.748	1.5352							0.9950		0.9900
1,2-Dibromo-3-Chloropropane	0.1161 0.1203	0.1188	0.1059	0.1307	0.1080	Ave		0.1167			0.0500	7.7		20.0			
1,2,4,5-Tetramethylbenzene	1.1852 2.7976	1.4532	2.0502	2.1624	2.3875	Qua2	-0.826	1.9495	0.0017956						0.9930		0.9900
1,3,5-Trichlorobenzene	0.7133 1.1373	0.8984	0.9763	0.9394	0.9756	Ave		0.9401				14.6		20.0			
1,2,4-Trichlorobenzene	0.6583 0.9703	0.8048	0.8558	0.8251	0.7952	Ave		0.8182			0.2000	12.3		20.0			
Hexachlorobutadiene	0.3896 0.5470	0.3819	0.4598	0.4467	0.4500	Ave		0.4459				13.3		20.0			
Naphthalene	1.4583 2.3923	1.5925	1.7324	2.0218	1.9560	Ave		1.8589				18.1		20.0			
1,2,3-Trichlorobenzene	0.7232 0.9344	0.7768	0.8060	0.8042	0.7695	Ave		0.8024				8.9		20.0			
Dibromofluoromethane (Surr)	0.2566 0.2429	0.2470	0.2446	0.2474	0.2389	Ave		0.2462				2.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3049 0.2810	0.2988	0.2910	0.2996	0.2752	Ave		0.2918				4.0		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Toluene-d8 (Surr)	1.3211 1.4402	1.5184	1.4559	1.4973	1.4637	Ave		1.4494				4.8		20.0			
4-Bromofluorobenzene	0.7545 0.6713	0.6991	0.7244	0.6967	0.6756	Ave		0.7036				4.5		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-837357/4	B85235.D
Level 2	STD5 460-837357/5	B85236.D
Level 3	STD20 460-837357/17	B85248.D
Level 4	STD50 460-837357/7	B85238.D
Level 5	STD200 460-837357/8	B85239.D
Level 6	STD500 460-837357/9	B85240.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	4302 2823529	17405	102954	249354	1120943	1.00 500	5.00	20.0	50.0	200
Chlorodifluoromethane	FB	Lin2	958 380385	3050	13951	32342	149932	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	6580 3553822	30528	138323	334248	1430618	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	3104 2367317	18263	95038	224613	954944	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	4157 2390929	21071	97397	227280	968452	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	2558 1144907	12312	55053	113740	524221	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	2410 +++++	10384	50330	99520	464656	1.00 +++++	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	5921 2756880	26978	131686	274375	1253082	1.00 500	5.00	20.0	50.0	200
Pentane	FB	Ave	1018 453161	4357	22710	45950	200140	2.00 1000	10.0	40.0	100	400
Trichlorofluoromethane	FB	Ave	3838 2236722	19768	100321	218952	962429	1.00 500	5.00	20.0	50.0	200
Ethanol	TBAd9	Ave	617 239848	2313	8545	34781	105123	40.0 20000	200	800	2000	8000
Ethyl ether	FB	Ave	2201 983270	10309	42716	100070	418406	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	2725 1390868	9623	57636	139095	588041	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	2500 1284822	10915	51059	116305	524711	1.00 500	5.00	20.0	50.0	200
Acrolein	TBAd9	Ave	30960 153197	48588	83080	112267	135866	101 608	203	304	406	507
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	4118 2178303	18318	86809	204795	886280	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	2152 1242677	9788	52225	123106	494532	1.00 500	5.00	20.0	50.0	200
Acetone	BUT	Ave	4892 2525005	22682	82364	246923	1062147	5.00 2500	25.0	100	250	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	2471 1481357	11680	60047	143798	592427	1.00 500	5.00	20.0	50.0	200
Iodomethane	FB	Ave	3971 2239937	19130	89038	209746	888736	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	9117 5434423	41514	212259	512014	2146079	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBAd9	Ave	3749 1377697	11098	41773	181656	546765	10.0 5000	50.0	200	500	2000
3-Chloro-1-propene	FB	Ave	3964 2279914	17721	92417	234236	880630	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	3634 2125419	17276	86377	245992	843751	2.00 1000	10.0	40.0	100	400
Acetonitrile	TBAd9	Ave	1723 1233154	10073	45563	123404	465135	10.0 5000	50.0	200	500	2000
Methylene Chloride	FB	Ave	3455 1542950	13652	59980	145077	601942	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	TBAd9	Ave	4231 1894034	16343	68799	233726	727498	10.0 5000	50.0	200	500	2000

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acrylonitrile	TBAd9	Ave	10705 4784754	47995	200020	555345	1920623	10.0 5000	50.0	200	500	2000
trans-1,2-Dichloroethene	FB	Ave	2888 1382774	11678	57328	135262	549386	1.00 500	5.00	20.0	50.0	200
Methyl tert-butyl ether	FB	Ave	7318 4099761	34485	152413	379621	1598168	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	3967 2580255	17623	99066	248644	965206	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	5348 3342575	24756	115094	286772	1222718	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	BUT	Ave	662 449982	3281	17008	34752	144821	2.00 1000	10.0	40.0	100	400
2-Chloro-1,3-butadiene	FB	Ave	2229 1577530	9954	50392	126597	572104	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	9358 6707957	45871	208496	536383	2481041	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	2755 2022455	11853	58501	151263	726241	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	2288 1730169	12123	56025	140724	629819	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	1556 861405	6148	29875	72475	314565	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	BUT	Ave	1445 865423	6212	27489	81122	320402	5.00 2500	25.0	100	250	1000
Propionitrile	BUT	Ave	3560 2274891	15722	69916	219472	824484	10.0 5000	50.0	200	500	2000
Ethyl acetate	BUT	Ave	432 282386	2182	9609	25466	97649	2.00 1000	10.0	40.0	100	400
Methyl acrylate	FB	Ave	2171 1639411	11226	49707	149160	591251	1.00 500	5.00	20.0	50.0	200
Chlorobromomethane	FB	Ave	1280 741881	5538	25432	63933	276328	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	8317 5706385	39932	184763	526904	2111151	10.0 5000	50.0	200	500	2000
Tetrahydrofuran	BUT	Ave	446	2674	12625	37243	137905	2.00	10.0	40.0	100	400

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			381613					1000				
Chloroform	FB	Ave	4293 2904548	19996	95923	236334	1048732	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	3204 2651616	16640	89685	222574	950663	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	3051 2782520	14956	88720	230522	1011516	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	2625 2336777	14190	75379	194696	822059	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	2831 2235921	13751	71608	186647	798373	1.00 500	5.00	20.0	50.0	200
Benzene	CBNZ d5	Ave	8817 6458883	43784	209669	527129	2304183	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	3373 2072709	15112	67336	170238	743629	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBAd 9	QuaF	1113 1292161	6162	24526	107512	453042	25.0 12500	125	500	1250	5000
Tert-amyl methyl ether	FB	Ave	6341 5988782	30506	154466	455005	2119387	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	6761 +++++	37636	190358	535072	2917111	1.00 +++++	5.00	20.0	50.0	200
n-Heptane	FB	Ave	4516 3320208	20826	116749	302501	1236502	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	1905 1565481	10062	50638	126988	559899	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBAd 9	QuaF	460 557128	659	5851	27272	176220	25.0 12500	125	500	1250	5000
Methylcyclohexane	FB	Ave	3408 3317912	16113	102258	264431	1180286	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	5079 4888562	24752	143836	406117	1742079	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	2258 1739982	11114	56726	143346	641795	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dibromomethane	FB	Ave	1195 847532	6079	27145	71814	306318	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	DXE	Lin2	238 +++++	1791	8508	30930	108241	20.0 +++++	100	400	1000	4000
Methyl methacrylate	FB	Ave	813 646649	3224	17916	52863	232874	2.00 1000	10.0	40.0	100	400
Dichlorobromomethane	FB	Ave	2820 2033961	12786	60850	157190	728373	1.00 500	5.00	20.0	50.0	200
n-Propyl acetate	FB	Ave	2284 2137934	10161	62628	183841	766054	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	QuaF	1851 735123	4002	19759	60373	257720	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Qua2	427 523633	2169	12327	36085	172209	1.00 501	5.01	20.0	50.1	200
Epichlorohydrin	BUT	Ave	2862 2869093	15780	81910	258823	1022060	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBNZ d5	Ave	2563 2495658	12978	70571	187101	894943	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	BUT	Ave	11651 7791548	46394	226729	715520	2843411	5.00 2500	25.0	100	250	1000
Toluene	CBNZ d5	Ave	8792 6370383	40374	201636	509057	2314584	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBNZ d5	Ave	2302 2137757	10421	56028	152176	742108	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBNZ d5	Ave	1322 988534	6398	30724	79988	358347	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Ave	1680 1791403	7574	43682	132498	623493	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBNZ d5	Ave	1755 1424279	8202	45838	112804	509554	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,3-Dichloropropane	CBNZ d5	Ave	3190 2087963	12501	61882	161562	738781	1.00 500	5.00	20.0	50.0	200
2-Hexanone	BUT	Qua2	5035 5175661	23700	138274	455753	1860221	5.00 2500	25.0	100	250	1000
Chlorodibromomethane	CBNZ d5	Ave	1562 1335075	6819	37065	95379	466929	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBNZ d5	Ave	1460 1134070	6251	32423	88540	398902	1.00 500	5.00	20.0	50.0	200
n-Butyl acetate	CBNZ d5	Ave	2554 2288360	9944	54587	175475	787544	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBNZ d5	Ave	5283 3830529	21939	116061	284932	1338644	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	1645 1496642	8530	39178	104534	518986	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBNZ d5	Ave	2278 2242021	10717	65474	166236	786898	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBNZ d5	Ave	2386 2727559	11804	74961	198951	950165	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBNZ d5	Ave	2622 2715529	12467	72154	191871	950012	1.00 500	5.00	20.0	50.0	200
Styrene	CBNZ d5	Qua2	3776 4552680	17468	114078	309055	1572999	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBNZ d5	QuaF	555 1030503	3408	20723	67961	352981	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Bromoform	CBNZ d5	Ave	881 867918	3886	21544	59056	292514	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCBd 4	QuaF	2098 2749370	8635	53623	180652	930968	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBNZ d5	Lin2	6179 7742244	32247	202811	542993	2694066	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCBd 4	Ave	1812 1606495	8325	44706	114756	551935	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCBd 4	Ave	499 425125	2543	11898	33905	147596	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	2235 1611179	9098	44772	124050	551127	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	571 548405	2357	13461	40978	185534	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCBd 4	Ave	1908 2011672	8009	53061	140862	691152	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCBd 4	Ave	1725 1738471	7738	48106	123045	600465	1.00 500	5.00	20.0	50.0	200
4-Ethyltoluene	DCBd 4	Ave	5727 7661702	30584	189766	508831	2608820	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCBd 4	Ave	5992 6389922	28208	160931	435651	2161609	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCBd 4	Ave	5260 6730456	25991	163757	442975	2280726	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Butyl Methacrylate	DCBd 4	QuaF	1283 2042222	5448	35622	114347	673631	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCBd 4	Ave	3933 5477611	19657	126794	355869	1816098	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCBd 4	Ave	4873 6865731	25855	164342	440250	2299953	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCBd 4	Ave	6492 8930007	31097	212833	588265	3013444	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCBd 4	Ave	3577 3395781	15874	89508	231406	1153806	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCBd 4	Ave	4080 3359017	16712	90717	230692	1135011	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCBd 4	Ave	5510 7518719	28324	180382	476932	2518542	1.00 500	5.00	20.0	50.0	200
1,2,3-Trimethylbenzene	DCBd 4	Ave	5426 7555482	27270	167968	457908	2532820	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCBd 4	QuaF	424 639264	1914	13274	38723	207862	1.00 500	5.00	20.0	50.0	200
Indan	FB	Qua2	5015 6532207	25726	151426	418955	2233396	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCBd 4	Ave	3186 3291473	15557	83082	222519	1119336	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCBd 4	Lin2	2162 3992393	13632	90810	247067	1322874	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Butylbenzene	DCBd 4	Lin2	2585 4260738	15758	101111	275695	1423113	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	363 317151	1590	7080	22621	100476	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCBd 4	Qua2	3705 7375575	19444	137007	374243	2220647	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCBd 4	Ave	2230 2998331	12020	65243	162583	907428	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCBd 4	Ave	2058 2558091	10768	57186	142794	739678	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCBd 4	Ave	1218 1442196	5110	30727	77312	418587	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCBd 4	Ave	4559 6306964	21307	115764	349908	1819280	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCBd 4	Ave	2261 2463482	10393	53864	139184	715702	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	122170 164018	108878	126339	122994	147638	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	145158 189738	131698	150334	148960	170010	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	437663 640432	391204	475005	468018	587705	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCBd 4	Ave	117937 176977	93539	121028	120579	157088	50.0 50.0	50.0	50.0	50.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

Curve Type Legend

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

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

Lab Name: Eurofins Edison Job No.: 460-255692-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-837357/4	B85235.D
Level 2	STD5 460-837357/5	B85236.D
Level 3	STD20 460-837357/17	B85248.D
Level 4	STD50 460-837357/7	B85238.D
Level 5	STD200 460-837357/8	B85239.D
Level 6	STD500 460-837357/9	B85240.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Chlorodifluoromethane	-0.3						30					
1,4-Dioxane	-1.6					+++++	30					
Isopropylbenzene	2.9						30					
p-Diethylbenzene	3.2						30					
n-Butylbenzene	2.6						30					

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 05-Apr-2022 07:38:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0143609-004
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Apr-2022 08:40:27 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: tupayachia Date: 05-Apr-2022 09:53:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.599	0.587	0.012	27	23	1.00	0.99	Ma
2 1,1-Difluoroethane	51	0.648	0.636	0.012	86	6740	1.00	1.01	a
3 Dichlorodifluoromethane	85	0.648	0.648	0.000	47	4302	1.00	1.00	M
4 Chlorodifluoromethane	67	0.648	0.648	0.000	96	958	1.00	1.00	
5 Chloromethane	50	0.733	0.721	0.012	97	6580	1.00	1.08	
6 Butadiene	54	0.758	0.764	-0.006	71	3104	1.00	0.8187	M
7 Vinyl chloride	62	0.764	0.764	0.000	96	4157	1.00	1.01	
8 Bromomethane	94	0.898	0.898	0.000	92	2558	1.00	1.13	
9 Chloroethane	64	0.904	0.910	-0.006	65	2410	1.00	1.13	
10 Dichlorofluoromethane	67	1.008	1.008	0.000	60	5921	1.00	1.12	
12 Pentane	72	1.026	1.014	0.012	96	1018	2.00	2.31	
11 Trichlorofluoromethane	101	1.026	1.032	-0.006	30	3838	1.00	0.9681	a
14 Ethanol	46	1.111	1.112	-0.001	45	617	40.0	45.0	M
13 Ethyl ether	59	1.118	1.118	0.000	56	2201	1.00	1.17	
15 2-Methyl-1,3-butadiene	53	1.118	1.130	-0.012	81	2725	1.00	1.14	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.142	1.166	-0.024	70	2500	1.00	1.13	a
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.185	1.173	0.012	69	4118	1.00	1.10	Ma
18 Acrolein	56	1.172	1.179	-0.007	96	30960	101.4	111.0	
19 1,1-Dichloroethene	96	1.233	1.221	0.012	91	2152	1.00	1.02	M
21 Acetone	43	1.258	1.258	0.000	65	4892	5.00	5.46	
20 112TCTFE	101	1.276	1.270	0.006	46	2471	1.00	1.00	M
22 Iodomethane	142	1.288	1.294	-0.006	81	3971	1.00	1.04	M
23 Carbon disulfide	76	1.325	1.325	0.000	99	9117	1.00	1.02	M
24 Isopropyl alcohol	45	1.337	1.374	-0.037	27	3749	10.0	12.8	a
25 3-Chloro-1-propene	39	1.398	1.410	-0.012	85	3964	1.00	1.03	M
26 Methyl acetate	43	1.428	1.422	0.006	77	3634	2.00	1.96	
27 Acetonitrile	39	1.447	1.447	0.000	19	1723	10.0	7.51	a
28 Methylene Chloride	84	1.477	1.471	0.006	93	3455	1.00	1.26	
* 29 TBA-d9 (IS)	65	1.544	1.550	-0.006	0	399447	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.569	1.611	-0.042	89	4231	10.0	10.7	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.617	1.618	-0.001	96	10705	10.0	10.2	
32 trans-1,2-Dichloroethene	96	1.636	1.630	0.006	81	2888	1.00	1.18	
33 Methyl tert-butyl ether	73	1.642	1.648	-0.006	51	7318	1.00	1.07	
34 Hexane	57	1.800	1.807	-0.007	90	3967	1.00	0.9732	
35 1,1-Dichloroethane	63	1.880	1.886	-0.006	96	5348	1.00	1.04	
36 Vinyl acetate	86	1.947	1.941	0.006	99	662	2.00	1.90	
37 2-Chloro-1,3-butadiene	88	1.941	1.947	-0.006	63	2229	1.00	0.9867	
38 Isopropyl ether	45	1.965	1.971	-0.006	79	9358	1.00	0.9653	
39 Tert-butyl ethyl ether	87	2.221	2.227	-0.006	29	2755	1.00	1.00	a
* 40 2-Butanone-d5	46	2.276	2.288	-0.012	0	333920	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.294	2.300	-0.006	67	2288	1.00	0.9122	
42 2,2-Dichloropropane	79	2.300	2.300	0.000	77	1556	1.00	1.16	a
43 2-Butanone (MEK)	72	2.318	2.331	-0.013	96	1445	5.00	5.19	
44 Propionitrile	54	2.367	2.374	-0.007	74	3560	10.0	9.95	
45 Ethyl acetate	70	2.404	2.404	0.000	91	432	2.00	1.92	
62 Methyl acrylate	55	2.404	2.416	-0.012	1	2171	1.00	0.9088	
46 Chlorobromomethane	128	2.483	2.477	0.006	49	1280	1.00	1.10	
47 Methacrylonitrile	67	2.489	2.483	0.006	93	8317	10.0	9.65	
48 Tetrahydrofuran	72	2.520	2.526	-0.006	53	446	2.00	1.52	M
49 Chloroform	83	2.562	2.569	-0.007	97	4293	1.00	1.00	
$ 50 Dibromofluoromethane (Surr)	113	2.696	2.697	-0.001	96	122170	50.0	52.1	
51 1,1,1-Trichloroethane	97	2.696	2.703	-0.007	35	3204	1.00	0.8508	
52 Cyclohexane	84	2.745	2.745	0.000	92	3051	1.00	0.8098	
54 1,1-Dichloropropene	75	2.837	2.843	-0.006	86	2625	1.00	0.8137	
53 Carbon tetrachloride	117	2.824	2.855	-0.031	83	2831	1.00	0.8985	M
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	145158	50.0	52.3	
56 Benzene	78	3.013	3.026	-0.013	95	8817	1.00	0.8669	
57 1,2-Dichloroethane	62	3.044	3.050	-0.006	85	3373	1.00	1.08	
58 Isobutyl alcohol	42	3.135	3.123	0.012	36	1113	25.0	12.2	a
59 Tert-amyl methyl ether	73	3.190	3.197	-0.006	83	6341	1.00	0.8385	
73 Isopropyl acetate	43	3.209	3.209	0.000	79	6761	1.00	0.7487	M
* 60 Fluorobenzene	96	3.312	3.318	-0.006	97	476085	50.0	50.0	
61 n-Heptane	43	3.361	3.373	-0.012	72	4516	1.00	0.9143	a
63 Trichloroethene	95	3.708	3.709	-0.001	91	1905	1.00	0.8653	
64 n-Butanol	43	3.891	3.879	0.012	45	460	25.0	14.7	Ma
65 Methylcyclohexane	83	3.910	3.922	-0.012	83	3408	1.00	0.7898	
66 Ethyl acrylate	55	3.922	3.922	0.000	84	5079	1.00	0.7928	M
67 1,2-Dichloropropane	63	3.952	3.952	0.000	90	2258	1.00	0.9065	
68 Dibromomethane	93	4.080	4.087	-0.007	54	1195	1.00	0.9547	
* 69 1,4-Dioxane-d8	96	4.117	4.111	0.006	0	21230	1000.0	1000.0	
70 1,4-Dioxane	88	4.172	4.178	-0.006	6	238	20.0	19.7	Ma
71 Methyl methacrylate	100	4.208	4.221	-0.013	89	813	2.00	1.89	M
72 Dichlorobromomethane	83	4.312	4.324	-0.012	97	2820	1.00	0.99	
81 n-Propyl acetate	43	4.342	4.337	0.005	48	2284	1.00	0.8132	Ma
74 2-Nitropropane	41	4.623	4.635	-0.012	62	1851	2.00	3.75	
75 2-Chloroethyl vinyl ether	63	4.836	4.806	0.030	29	427	1.00	1.03	a
76 Epichlorohydrin	57	4.855	4.843	0.012	94	2862	20.0	14.4	a
77 cis-1,3-Dichloropropene	75	4.922	4.934	-0.012	95	2563	1.00	0.7372	
78 4-Methyl-2-pentanone (MIBK)	43	5.233	5.233	0.000	89	11651	5.00	4.98	a
$ 79 Toluene-d8 (Surr)	98	5.281	5.288	-0.007	98	437663	50.0	45.6	
80 Toluene	91	5.379	5.379	0.000	93	8792	1.00	0.8905	
82 trans-1,3-Dichloropropene	75	5.806	5.800	0.006	93	2302	1.00	0.7985	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.043	6.056	-0.013	92	1322	1.00	0.8646	M
84 Ethyl methacrylate	69	6.086	6.080	0.006	47	1680	1.00	0.7878	a
85 Tetrachloroethene	166	6.214	6.208	0.006	91	1755	1.00	0.8222	M
86 1,3-Dichloropropane	76	6.299	6.300	-0.001	92	3190	1.00	1.00	
87 2-Hexanone	43	6.616	6.592	0.024	97	5035	5.00	5.18	M
88 Chlorodibromomethane	129	6.641	6.647	-0.006	44	1562	1.00	0.8417	
89 Ethylene Dibromide	107	6.769	6.763	0.006	67	1460	1.00	0.8826	
90 n-Butyl acetate	43	6.946	6.934	0.012	23	2554	1.00	0.8392	a
* 91 Chlorobenzene-d5	117	7.641	7.647	-0.006	90	331276	50.0	50.0	
92 Chlorobenzene	112	7.689	7.696	-0.007	92	5283	1.00	0.9299	
93 1,1,1,2-Tetrachloroethane	131	7.915	7.915	0.000	89	1645	1.00	0.7951	M
94 Ethylbenzene	106	7.994	7.994	0.000	97	2278	1.00	0.7401	
95 m-Xylene & p-Xylene	106	8.238	8.238	0.000	96	2386	1.00	0.6681	
96 o-Xylene	106	8.982	8.982	0.000	92	2622	1.00	0.7309	
97 Styrene	104	9.025	9.019	0.005	95	3776	1.00	1.03	
98 n-Butyl acrylate	73	9.220	9.226	-0.006	82	555	1.00	0.3971	
99 Bromoform	173	9.268	9.262	0.006	88	881	1.00	0.7859	a
101 Amyl acetate (mixed isomers)	43	9.713	9.707	0.006	46	2098	1.00	0.6868	M
102 Isopropylbenzene	105	9.719	9.726	-0.007	96	6179	1.00	1.03	
$ 103 4-Bromofluorobenzene	174	9.927	9.933	-0.006	88	117937	50.0	53.6	
104 Bromobenzene	156	10.097	10.104	-0.007	94	1812	1.00	0.9307	
105 1,2,3-Trichloropropane	110	10.329	10.329	0.000	80	499	1.00	0.9177	
106 1,1,2,2-Tetrachloroethane	83	10.347	10.354	-0.007	91	2235	1.00	1.08	
107 trans-1,4-Dichloro-2-butene	53	10.445	10.457	-0.012	39	571	1.00	0.9098	
108 N-Propylbenzene	120	10.475	10.482	-0.007	98	1908	1.00	0.8471	
109 2-Chlorotoluene	126	10.506	10.518	-0.012	89	1725	1.00	0.8564	
110 4-Ethyltoluene	105	10.695	10.701	-0.006	95	5727	1.00	0.7042	
111 4-Chlorotoluene	91	10.731	10.726	0.005	97	5992	1.00	0.8396	
112 1,3,5-Trimethylbenzene	105	10.829	10.835	-0.006	92	5260	1.00	0.7401	
100 Butyl Methacrylate	87	11.213	11.219	-0.006	84	1283	1.00	0.6024	
113 tert-Butylbenzene	119	11.359	11.360	-0.001	93	3933	1.00	0.7047	
114 1,2,4-Trimethylbenzene	105	11.445	11.451	-0.006	95	4873	1.00	0.6892	
115 sec-Butylbenzene	105	11.743	11.756	-0.013	97	6492	1.00	0.7075	
116 1,3-Dichlorobenzene	146	11.823	11.817	0.006	92	3577	1.00	0.9110	
* 117 1,4-Dichlorobenzene-d4	152	11.957	11.963	-0.006	97	156309	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.000	12.006	-0.006	75	4080	1.00	1.01	Ma
119 4-Isopropyltoluene	119	12.079	12.085	-0.006	96	5510	1.00	0.7100	
120 1,2,3-Trimethylbenzene	105	12.189	12.189	0.000	97	5426	1.00	0.7171	
121 Benzyl chloride	126	12.341	12.341	0.000	96	424	1.00	0.6405	
122 2,3-Dihydroindene	117	12.499	12.512	-0.013	96	5015	1.00	1.03	M
123 1,2-Dichlorobenzene	146	12.701	12.695	0.006	92	3186	1.00	0.8537	
124 p-Diethylbenzene	119	12.829	12.829	0.000	87	2162	1.00	1.03	
125 n-Butylbenzene	92	12.859	12.853	0.006	94	2585	1.00	1.03	
126 1,2-Dibromo-3-Chloropropane	157	13.609	13.609	0.000	83	363	1.00	1.00	
127 1,2,4,5-Tetramethylbenzene	119	13.639	13.646	-0.007	95	3705	1.00	1.03	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	92	2230	1.00	0.7588	
129 1,2,4-Trichlorobenzene	180	14.231	14.237	-0.006	91	2058	1.00	0.8045	
130 Hexachlorobutadiene	225	14.377	14.383	-0.006	87	1218	1.00	0.8739	
131 Naphthalene	128	14.377	14.389	-0.012	98	4559	1.00	0.7845	
132 1,2,3-Trichlorobenzene	180	14.542	14.548	-0.006	92	2261	1.00	0.9014	
S 133 1,2-Dichloroethene, Total	100				0		2.00	2.09	
S 134 1,3-Dichloropropene, Total	100				0		2.00	1.54	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		2.00	1.40	
S 136 Total BTEX	1				0		5.00	3.90	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00138	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00152	Amount Added:	1.00	Units: uL	
524freon_00050	Amount Added:	1.00	Units: uL	
GASES Li_00469	Amount Added:	1.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 06-Apr-2022 08:40:29 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D

Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2 Operator ID:

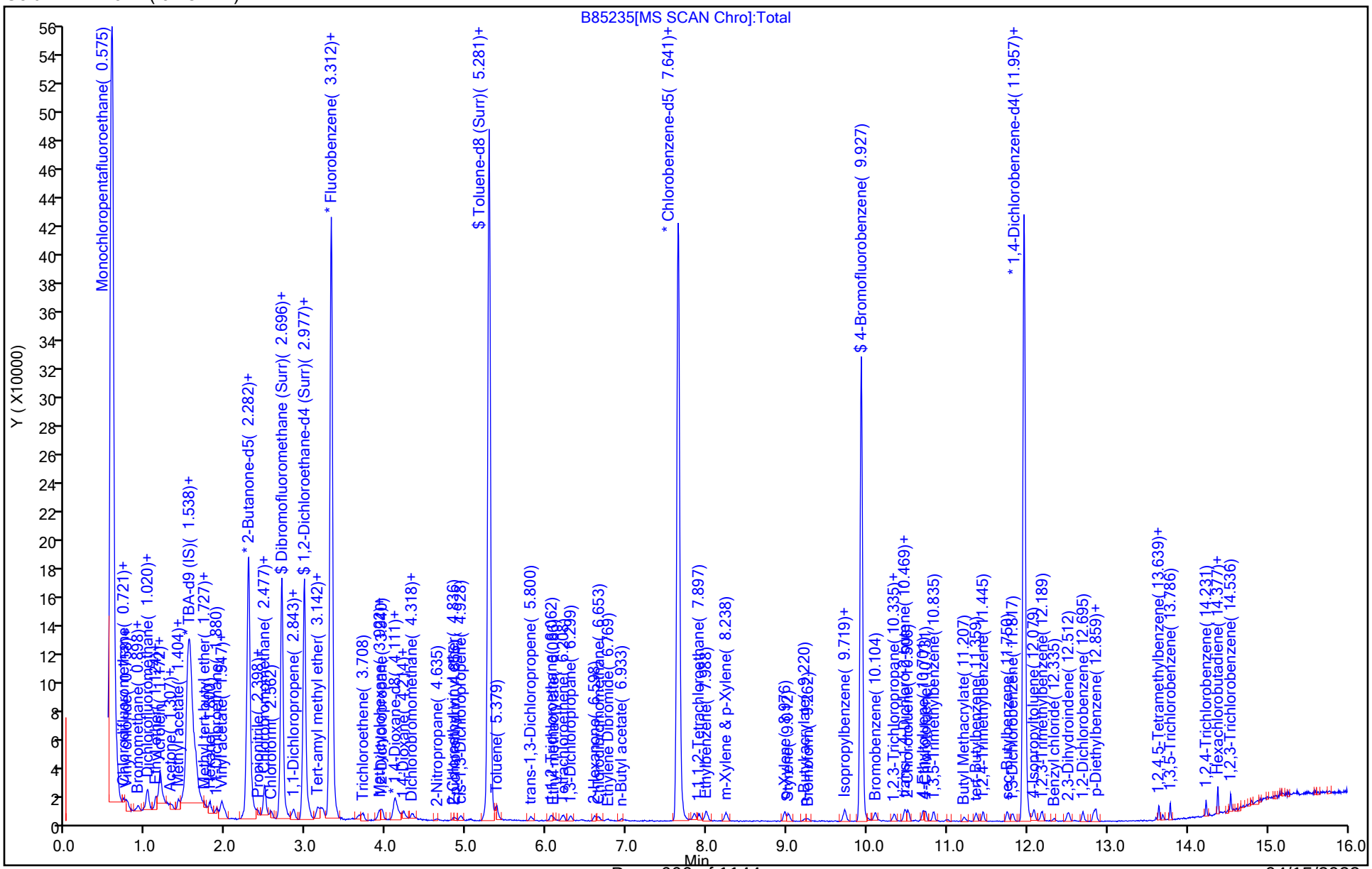
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

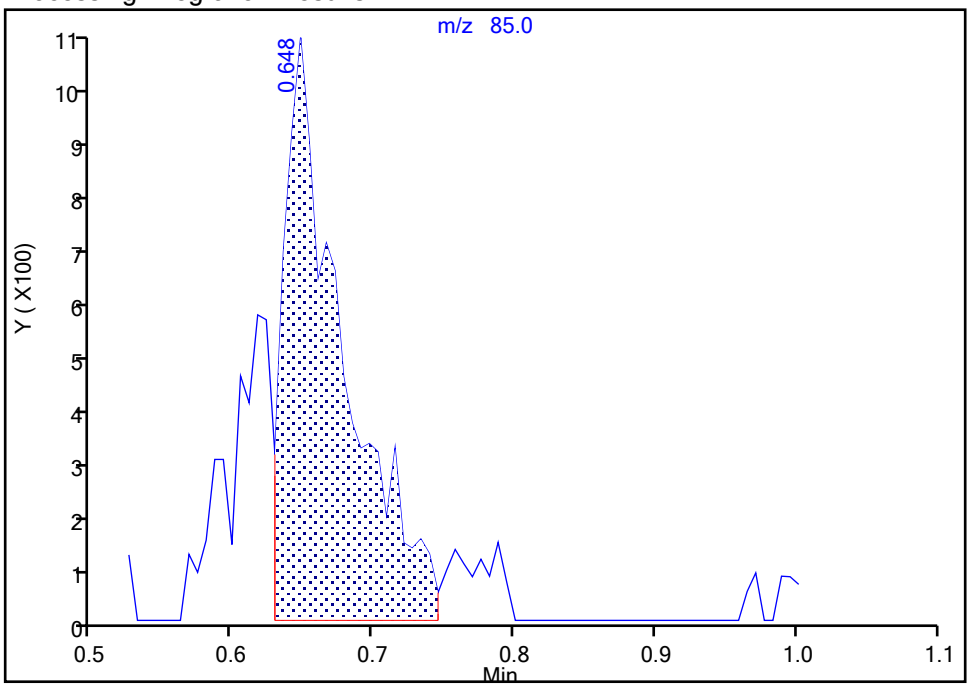
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

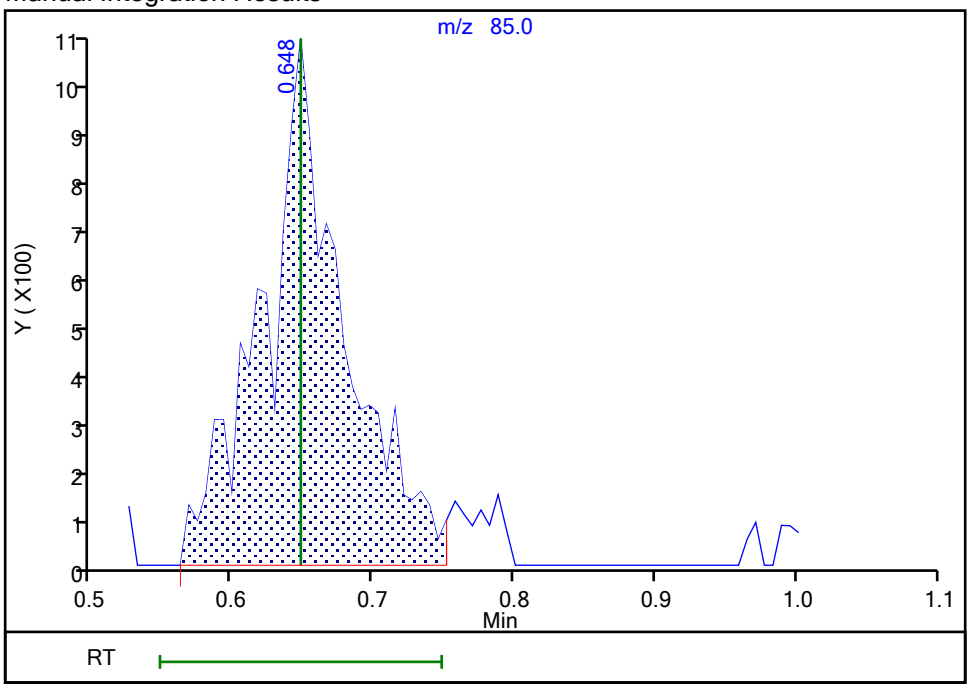
Processing Integration Results

RT: 0.65
Area: 3155
Amount: 0.765847
Amount Units: ug/l



Manual Integration Results

RT: 0.65
Area: 4302
Amount: 0.997288
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:17:20
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

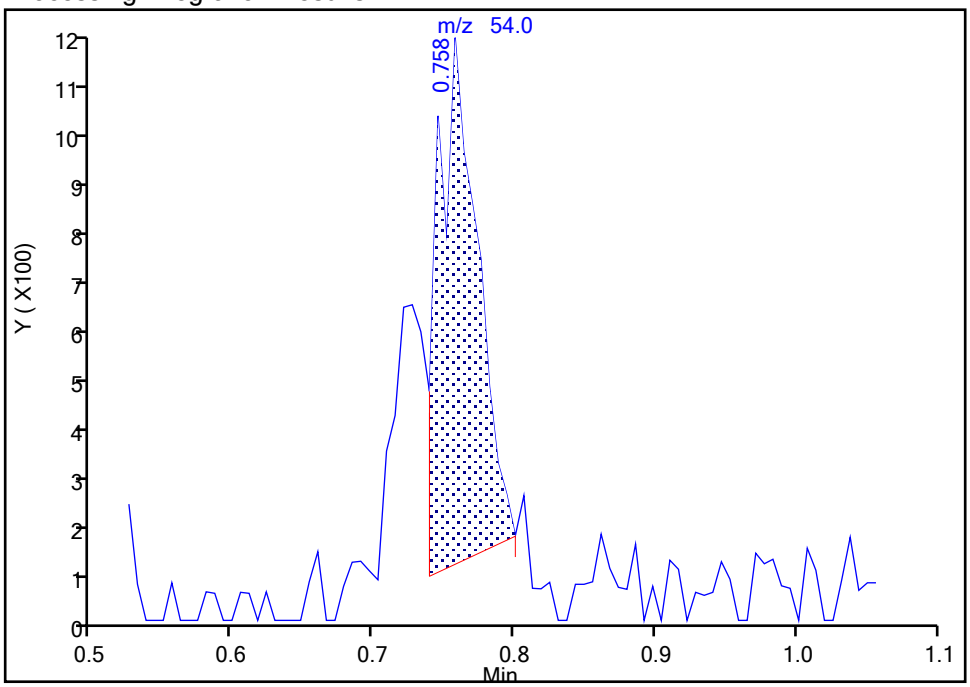
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

6 Butadiene, CAS: 106-99-0

Signal: 1

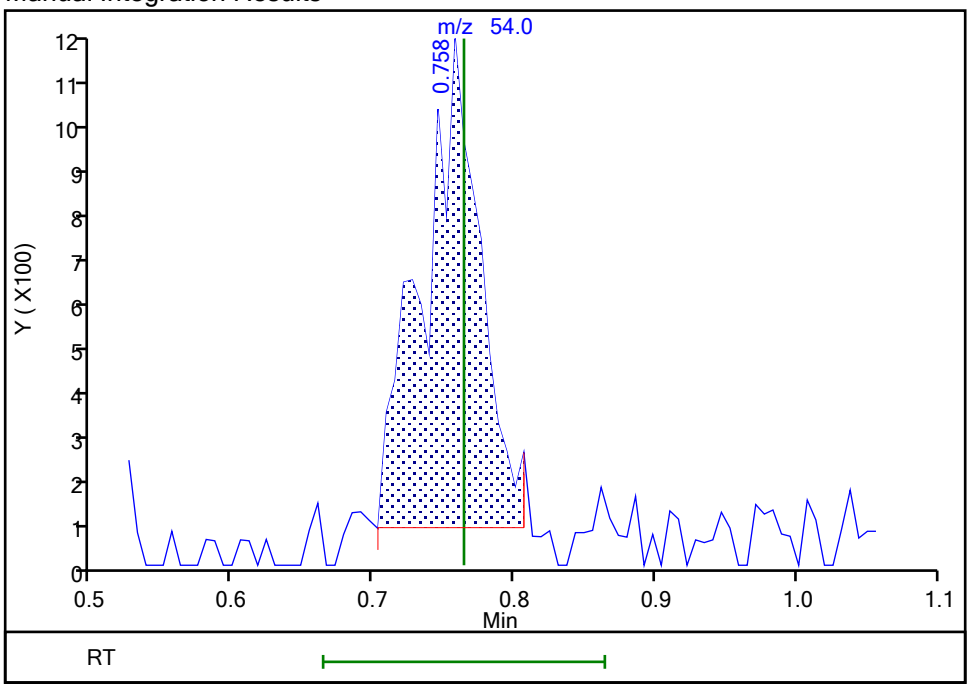
Processing Integration Results

RT: 0.76
Area: 2072
Amount: 0.522682
Amount Units: ug/l



Manual Integration Results

RT: 0.76
Area: 3104
Amount: 0.818710
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:17:31
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

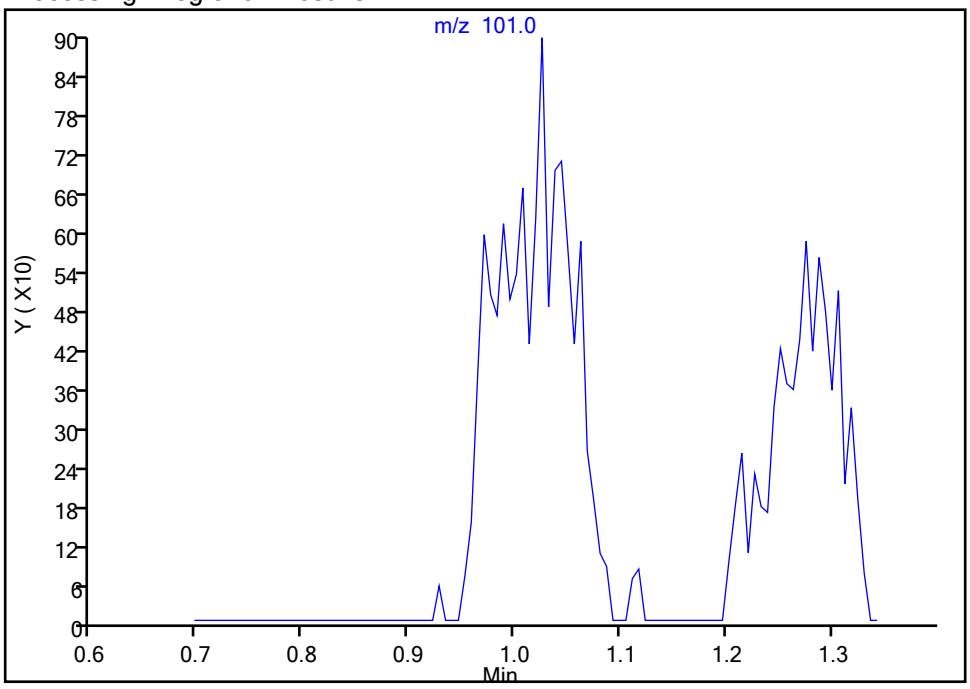
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

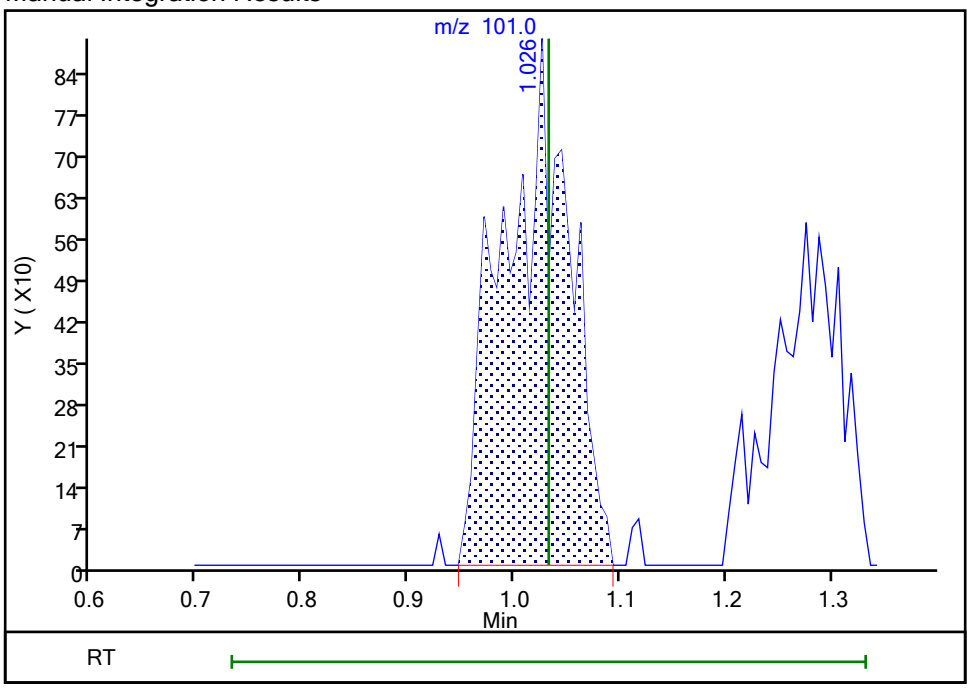
Not Detected
Expected RT: 1.03

Processing Integration Results



Manual Integration Results

RT: 1.03
Area: 3838
Amount: 0.968101
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:17:41
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

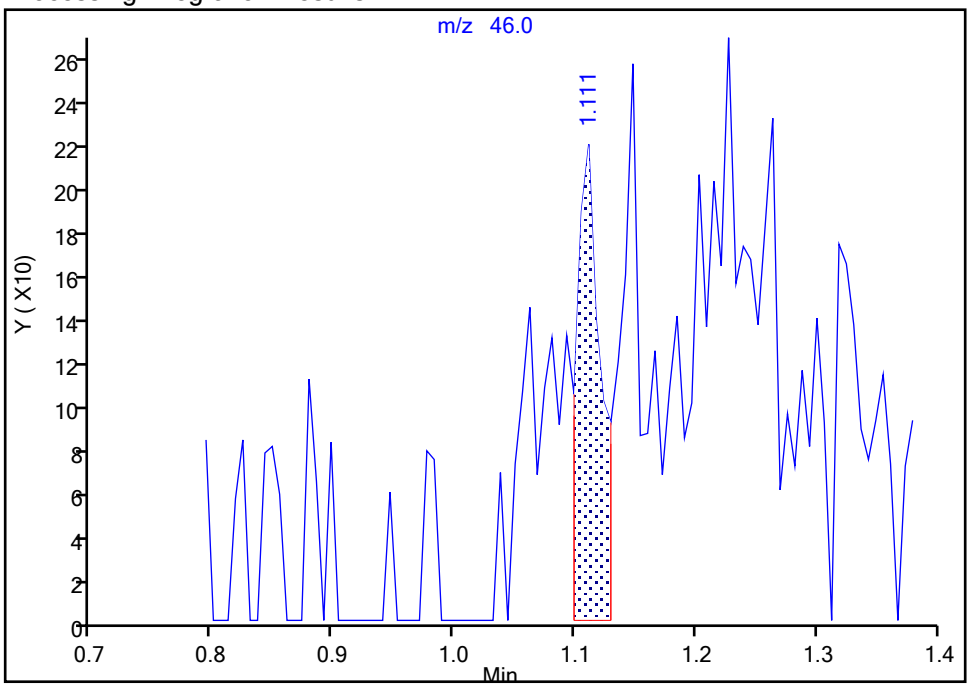
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

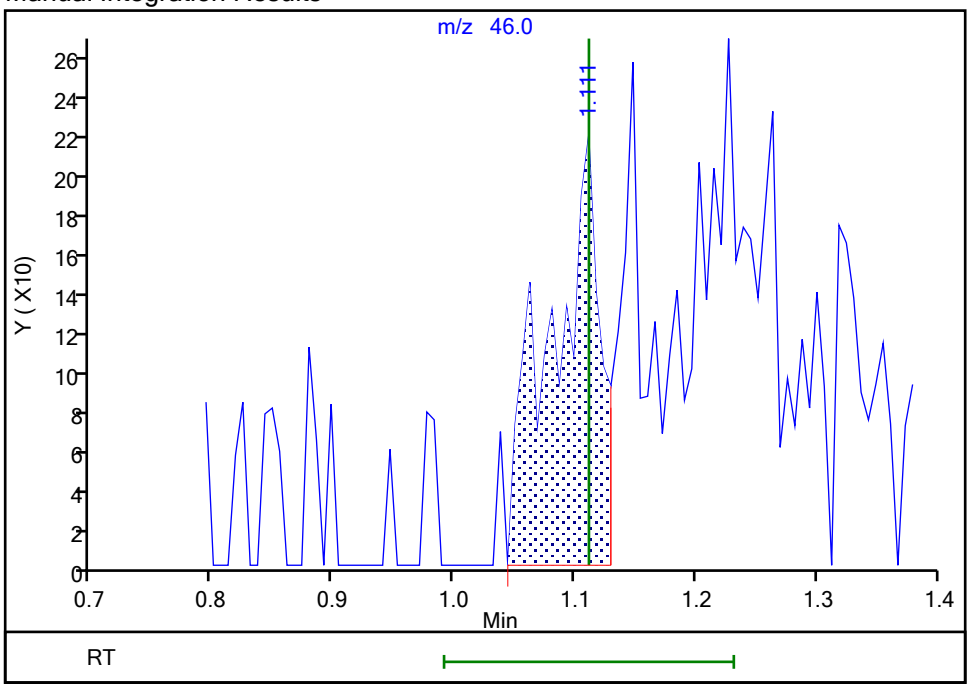
Processing Integration Results

RT: 1.11
Area: 308
Amount: 24.168383
Amount Units: ug/l



Manual Integration Results

RT: 1.11
Area: 617
Amount: 44.986743
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:18:04
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

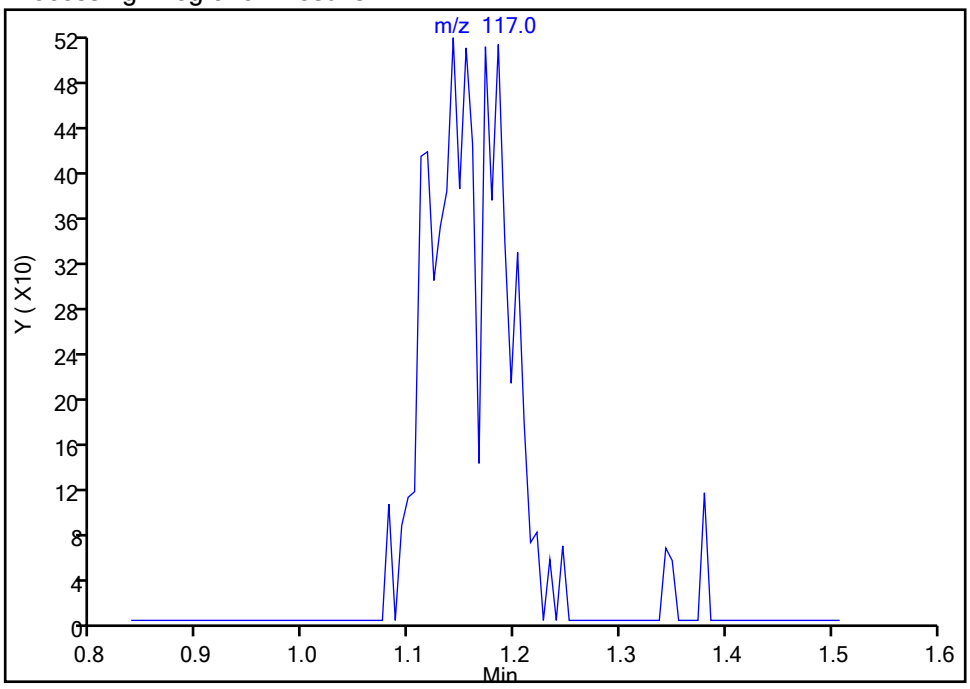
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

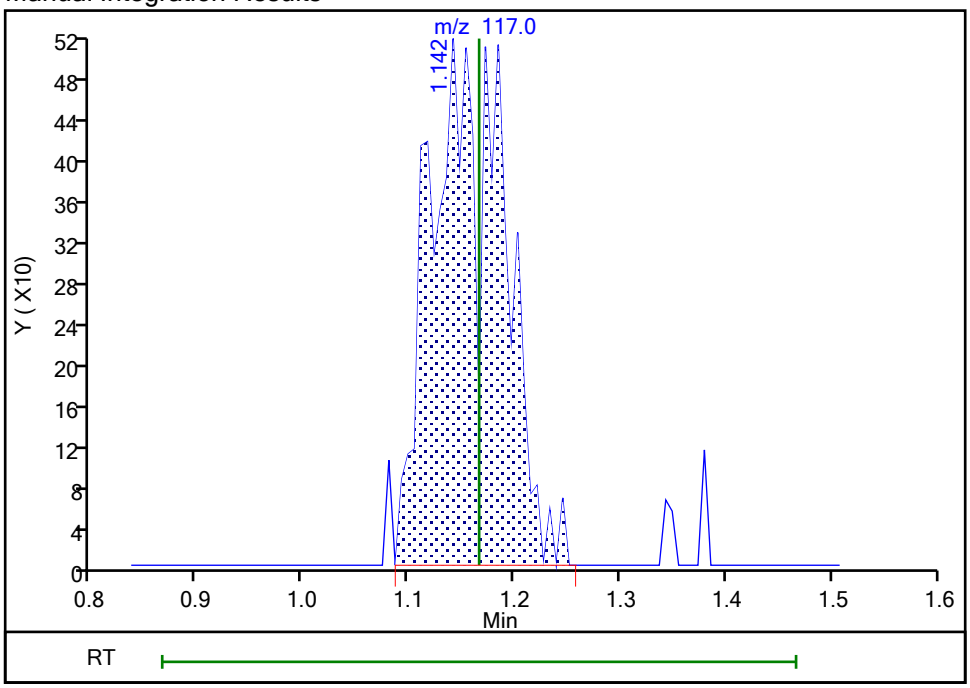
Not Detected
Expected RT: 1.17

Processing Integration Results



Manual Integration Results

RT: 1.14
Area: 2500
Amount: 1.130230
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:18:14
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

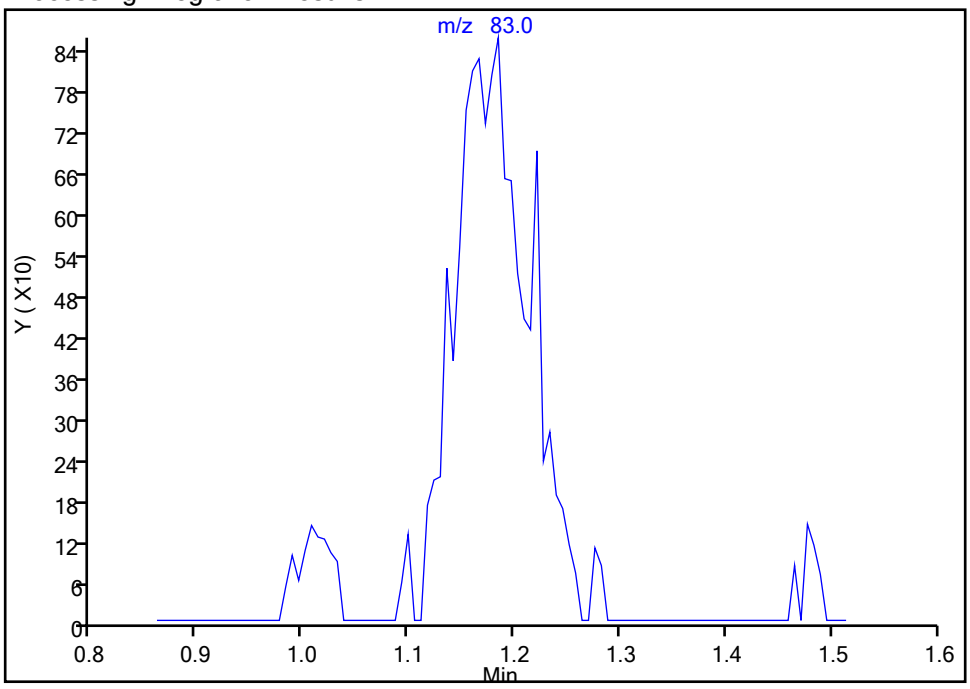
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

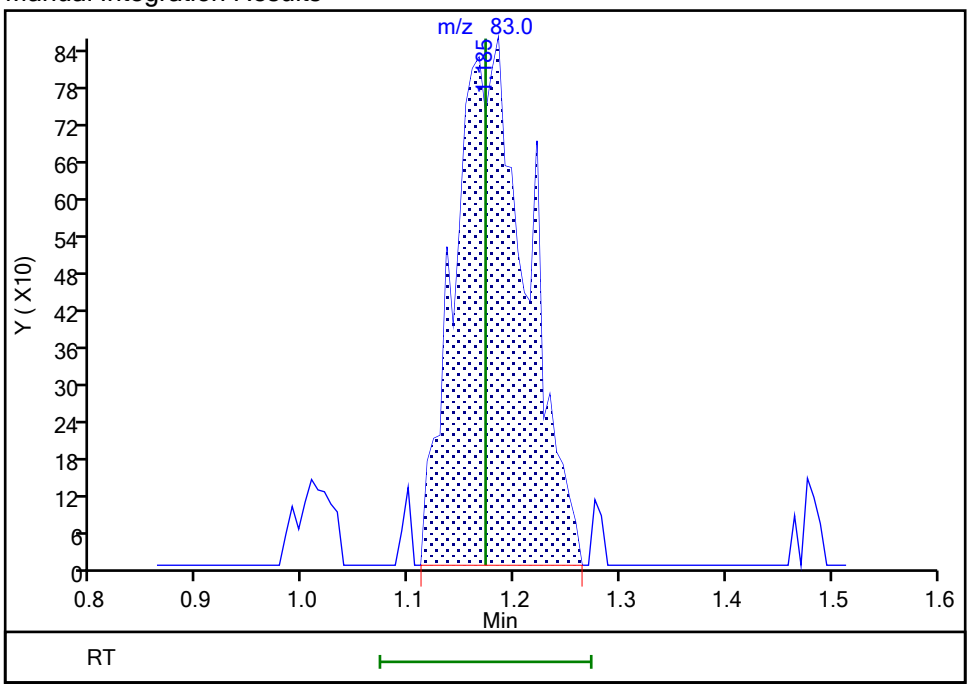
Not Detected
Expected RT: 1.17

Processing Integration Results



Manual Integration Results

RT: 1.18
Area: 4118
Amount: 1.098913
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:18:27
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

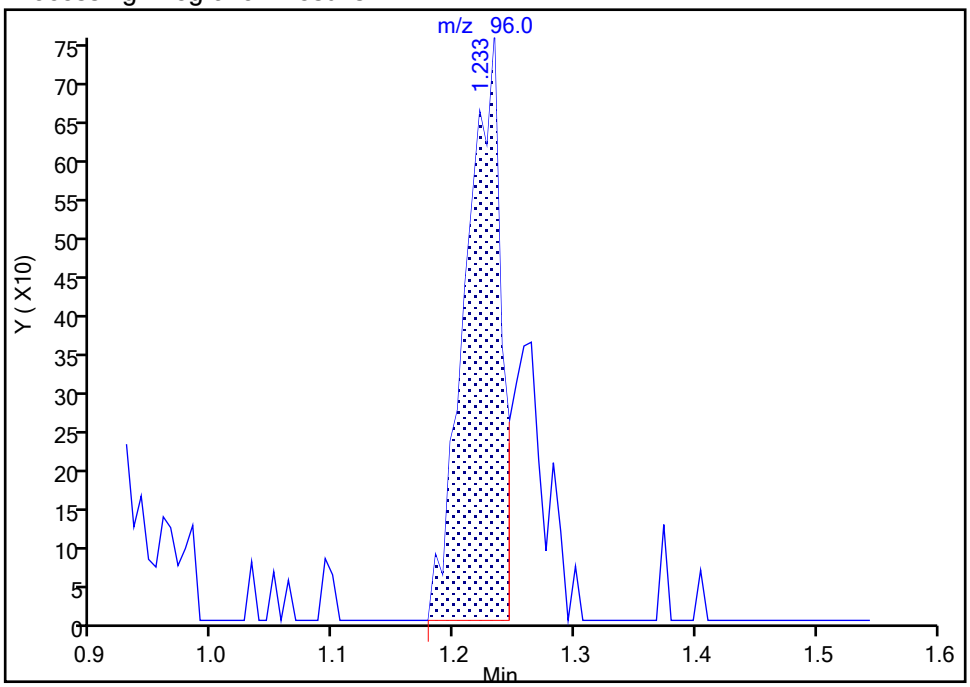
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

19 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

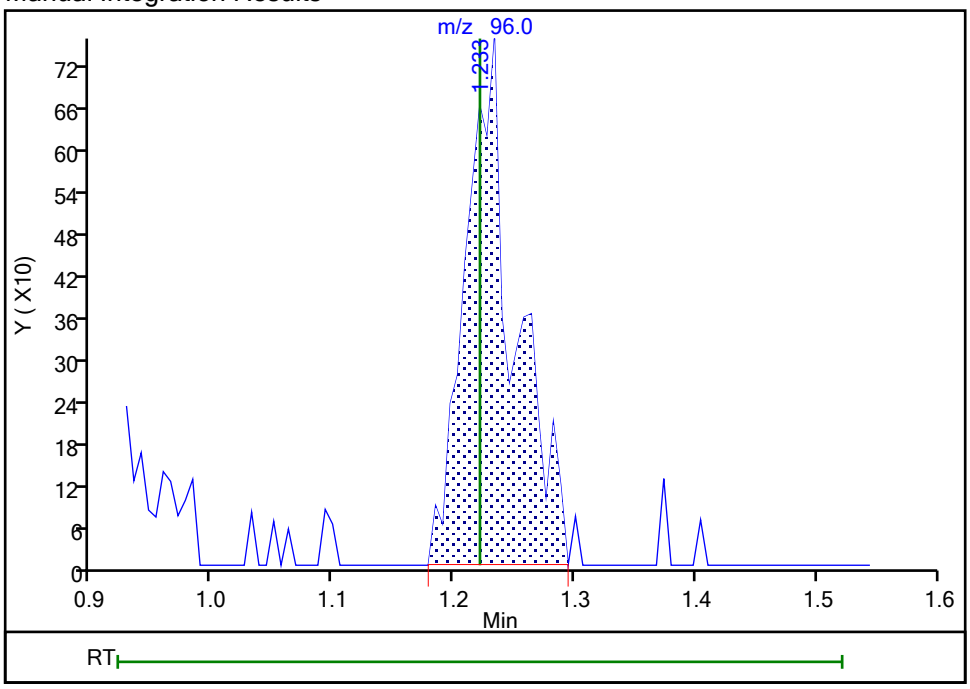
Processing Integration Results

RT: 1.23
Area: 1559
Amount: 0.773374
Amount Units: ug/l



Manual Integration Results

RT: 1.23
Area: 2152
Amount: 1.017618
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:18:42
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

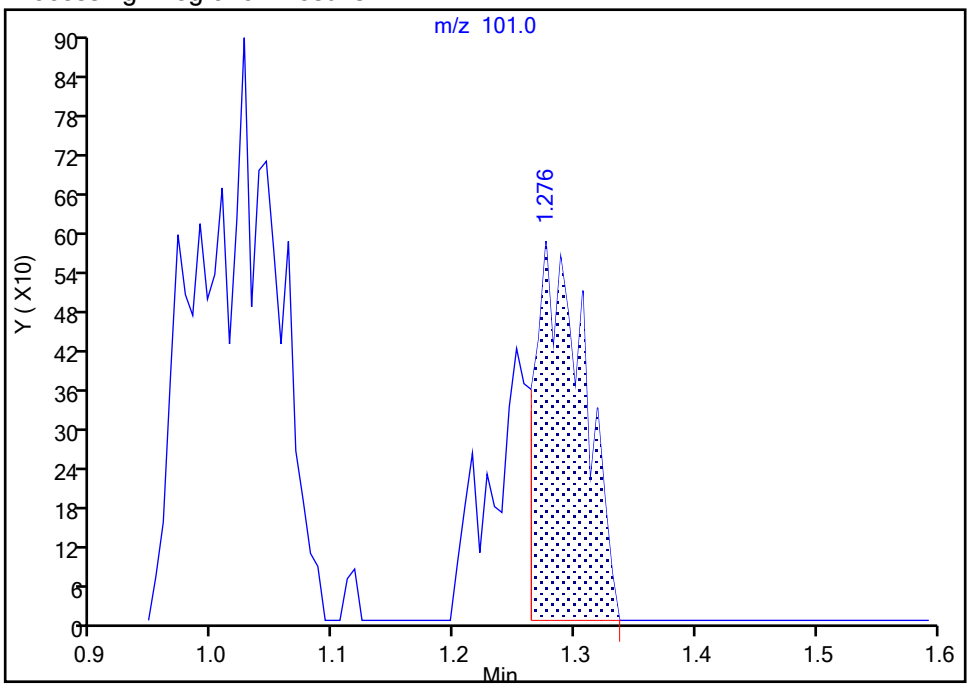
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

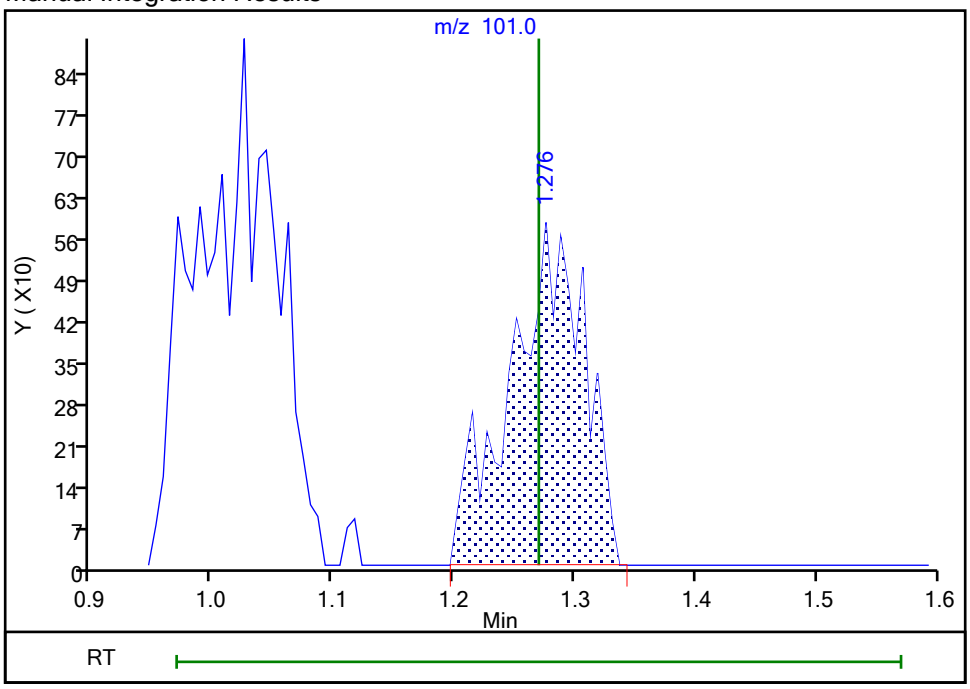
Processing Integration Results

RT: 1.28
Area: 1637
Amount: 0.703349
Amount Units: ug/l



Manual Integration Results

RT: 1.28
Area: 2471
Amount: 0.995925
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:18:52
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

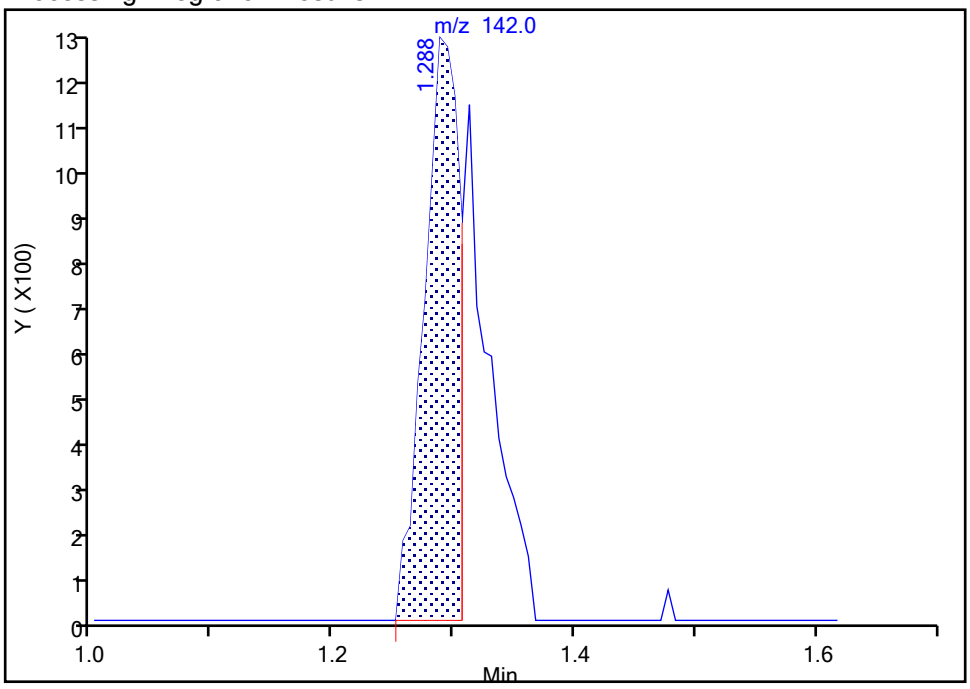
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

22 Iodomethane, CAS: 74-88-4

Signal: 1

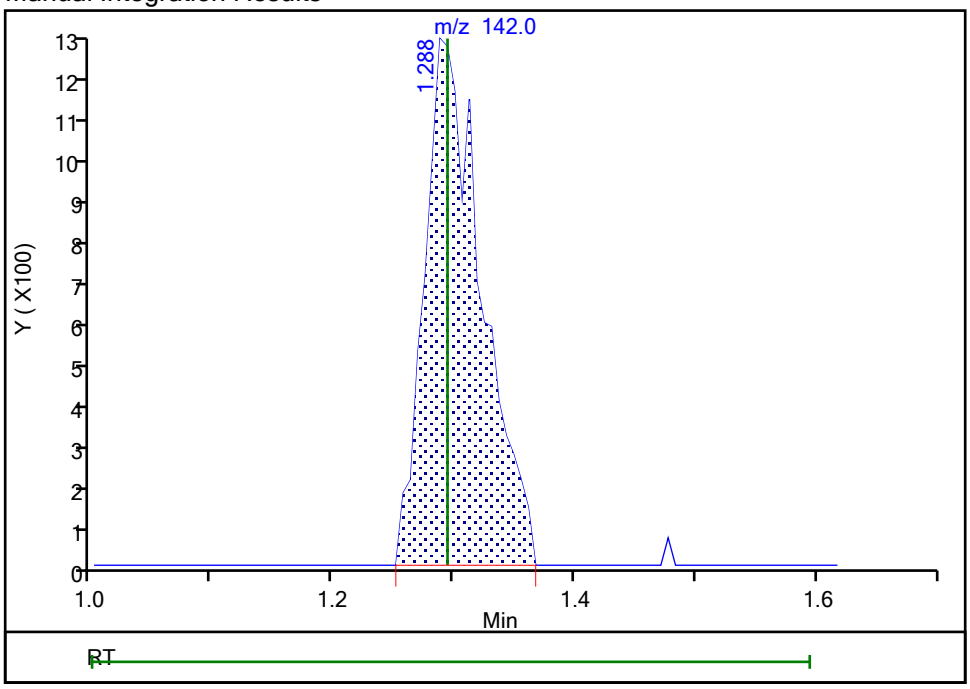
Processing Integration Results

RT: 1.29
Area: 2476
Amount: 0.697149
Amount Units: ug/l



Manual Integration Results

RT: 1.29
Area: 3971
Amount: 1.044709
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:19:00
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

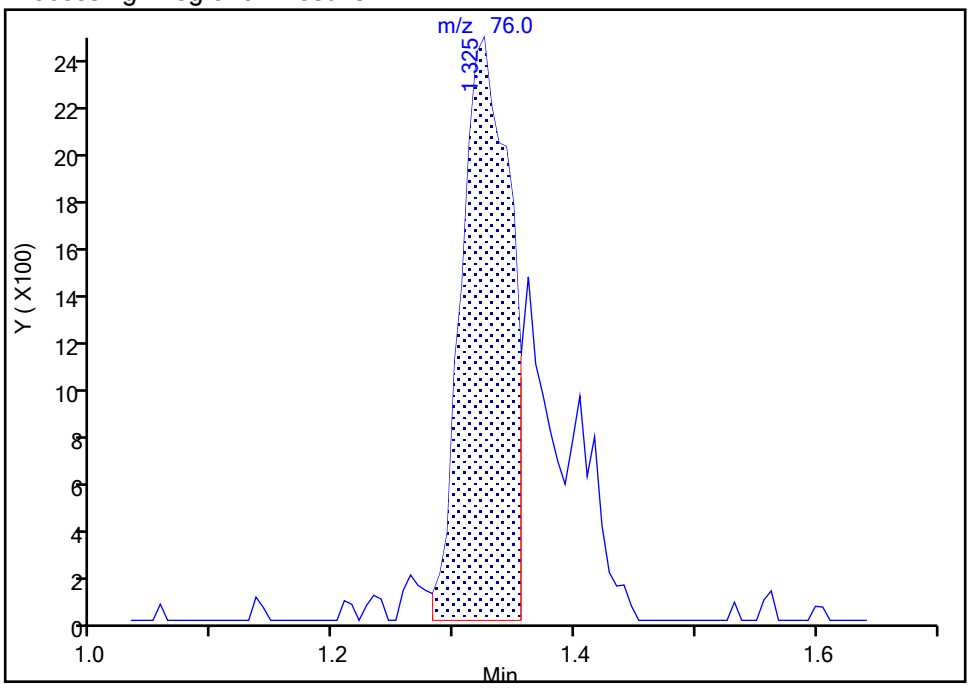
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

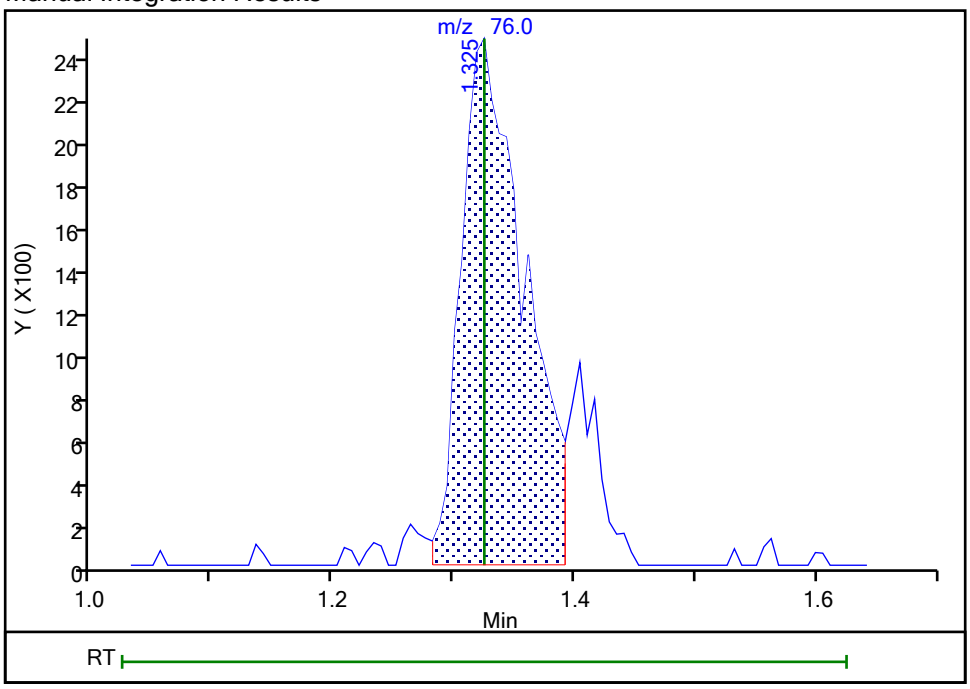
Processing Integration Results

RT: 1.32
Area: 7085
Amount: 0.824306
Amount Units: ug/l



Manual Integration Results

RT: 1.32
Area: 9117
Amount: 1.020482
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:19:09
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

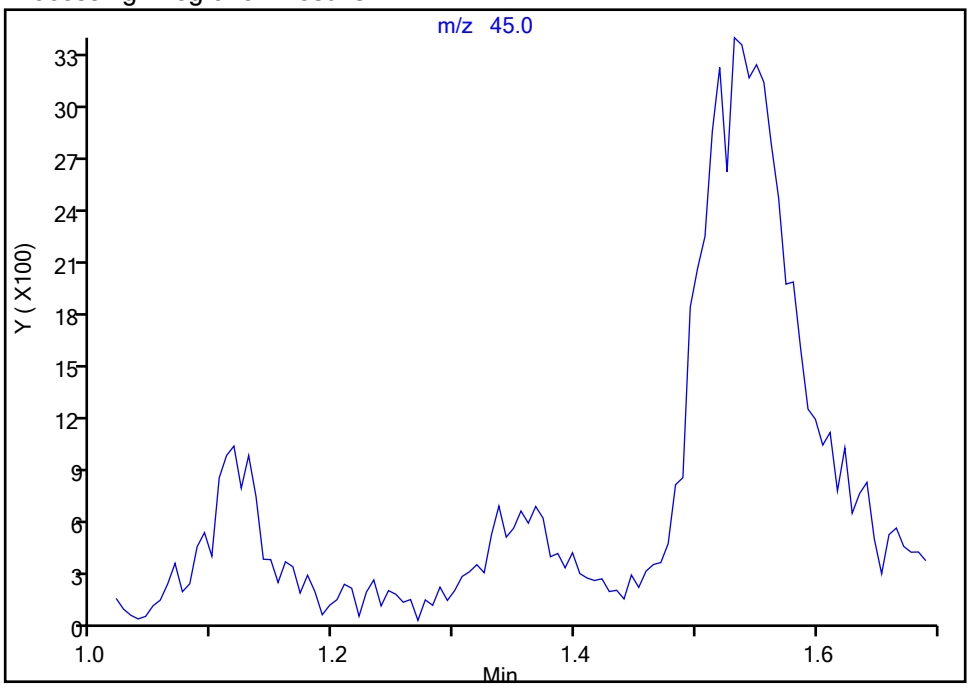
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

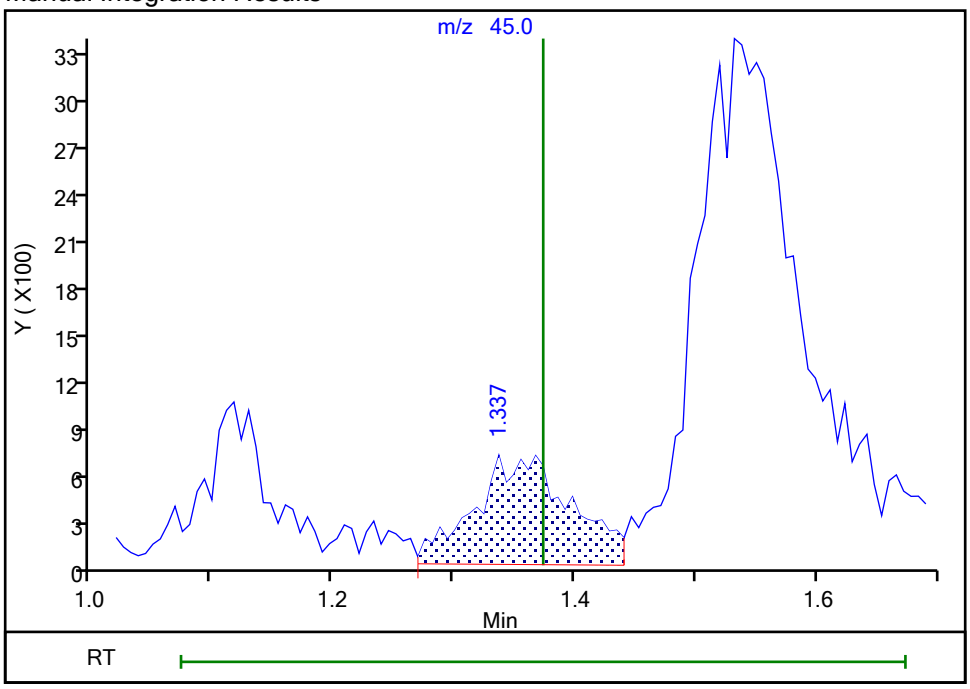
Not Detected
Expected RT: 1.37

Processing Integration Results



Manual Integration Results

RT: 1.34
Area: 3749
Amount: 12.799580
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:19:13
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

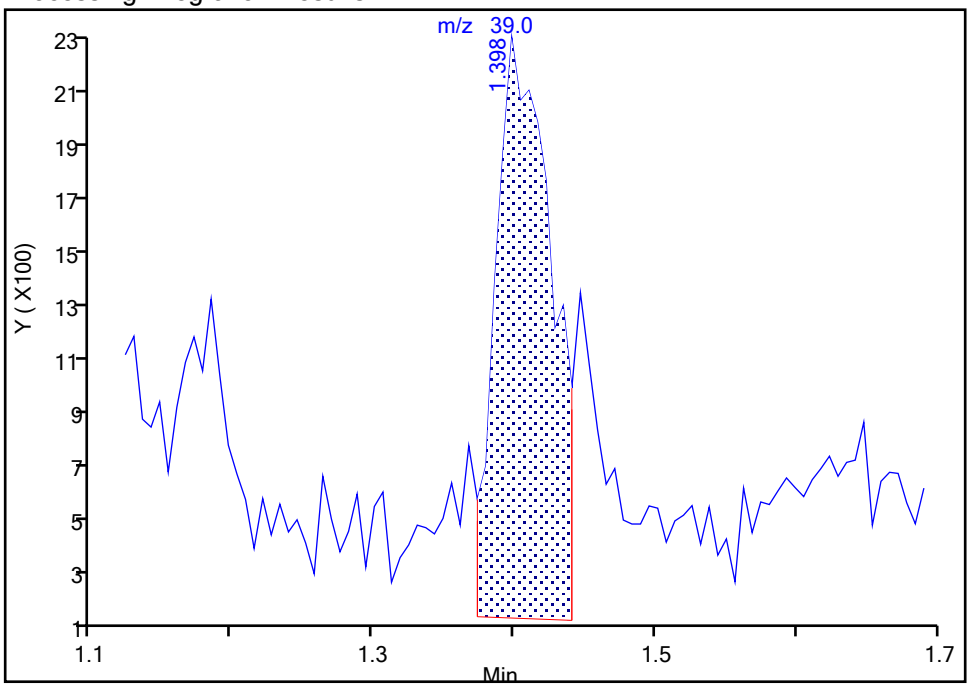
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

25 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

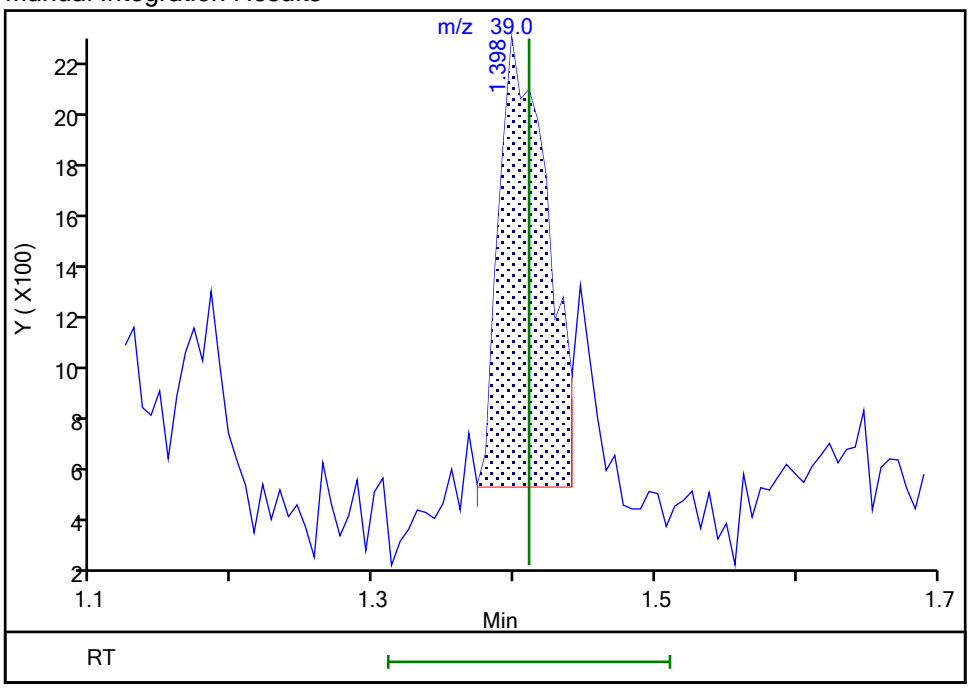
Processing Integration Results

RT: 1.40
Area: 5783
Amount: 1.577999
Amount Units: ug/l



Manual Integration Results

RT: 1.40
Area: 3964
Amount: 1.027614
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:21:28
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

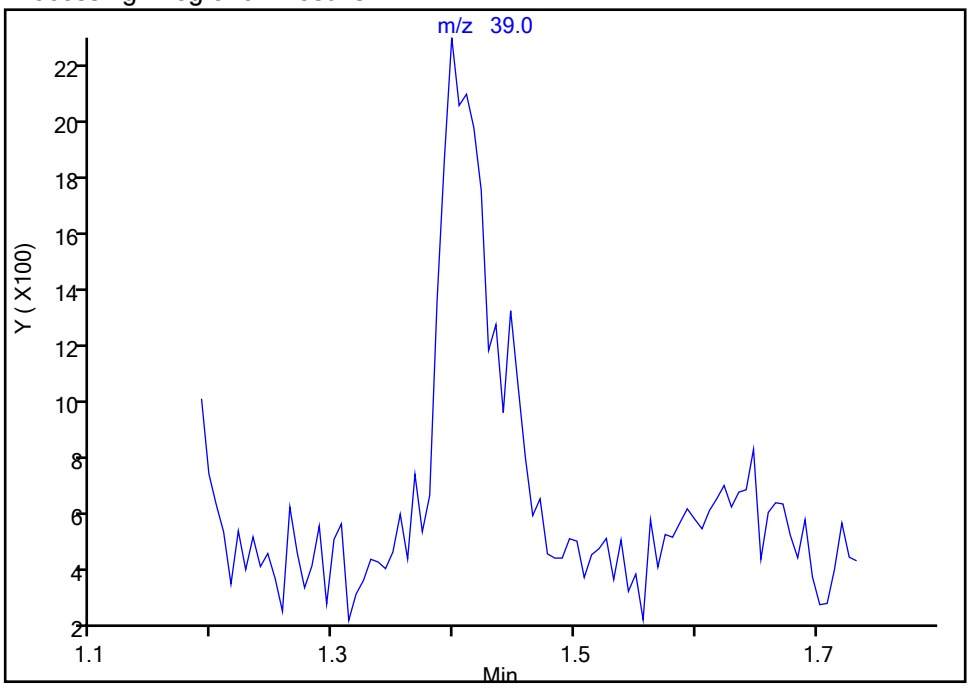
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

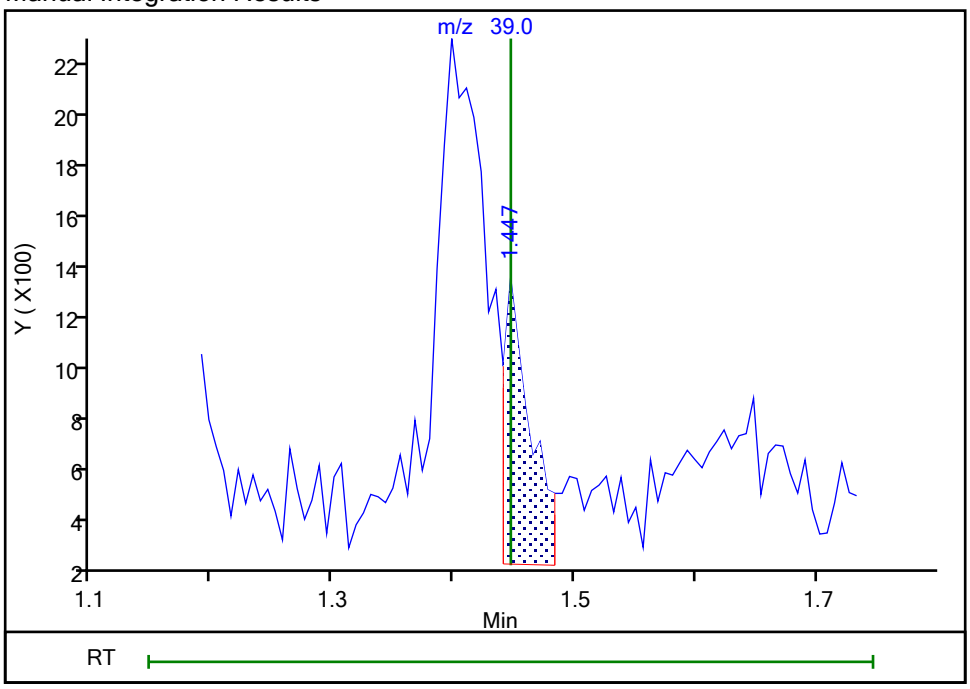
Not Detected
Expected RT: 1.45

Processing Integration Results



Manual Integration Results

RT: 1.45
Area: 1723
Amount: 7.513722
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:19:20
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

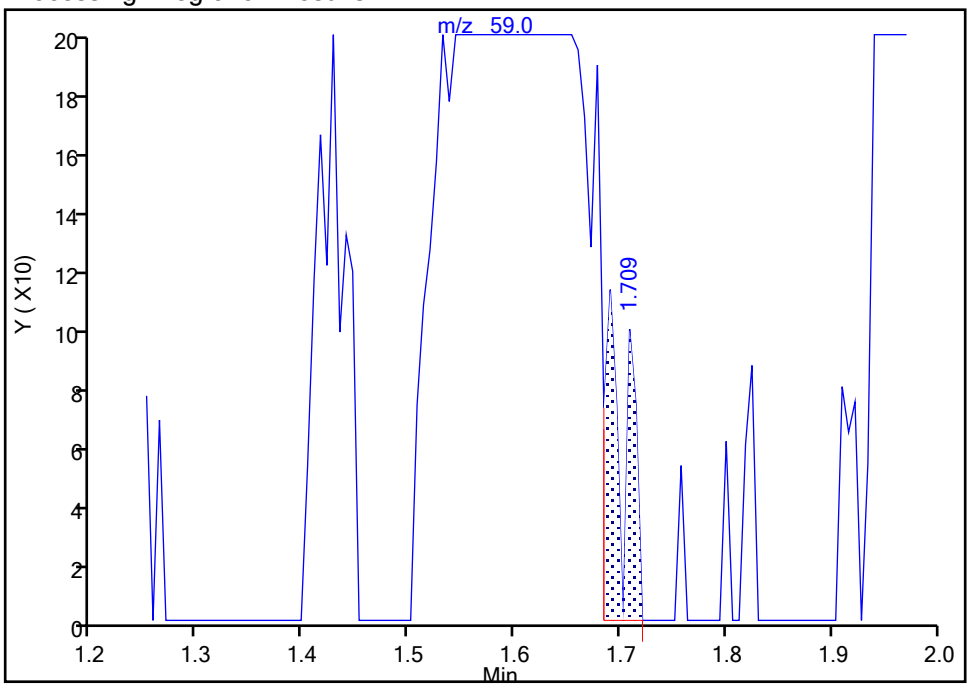
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

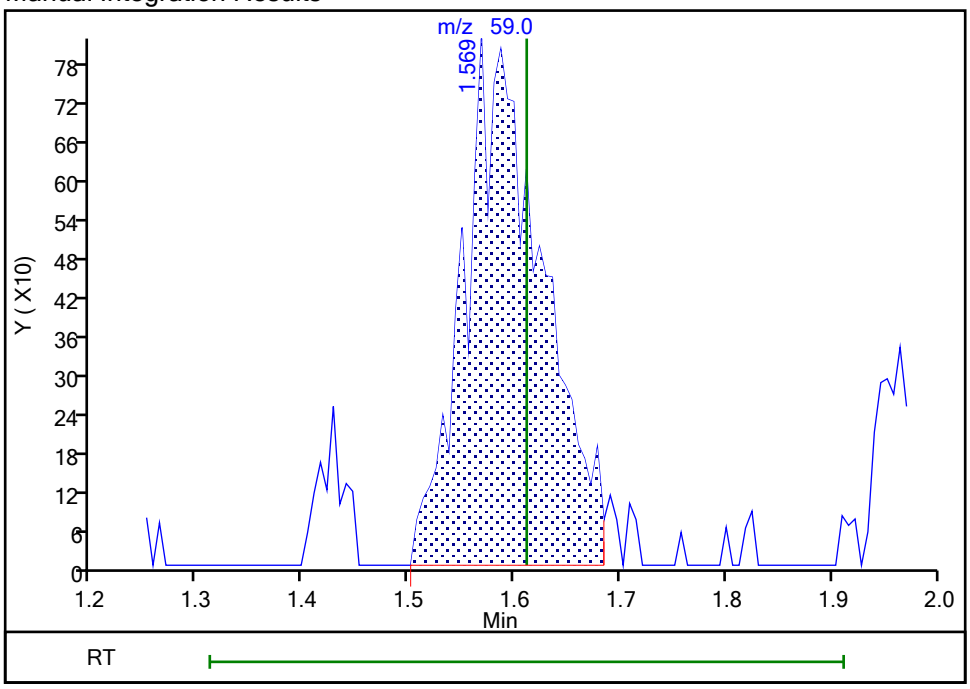
Processing Integration Results

RT: 1.71
Area: 153
Amount: 0.335711
Amount Units: ug/l



Manual Integration Results

RT: 1.57
Area: 4231
Amount: 10.710854
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:19:26
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

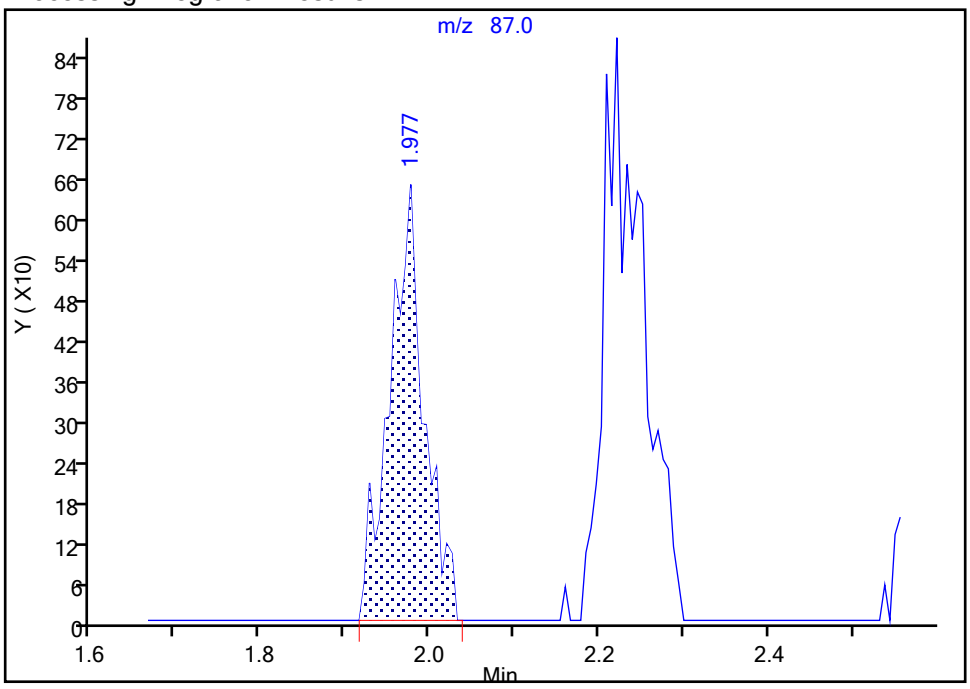
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

39 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

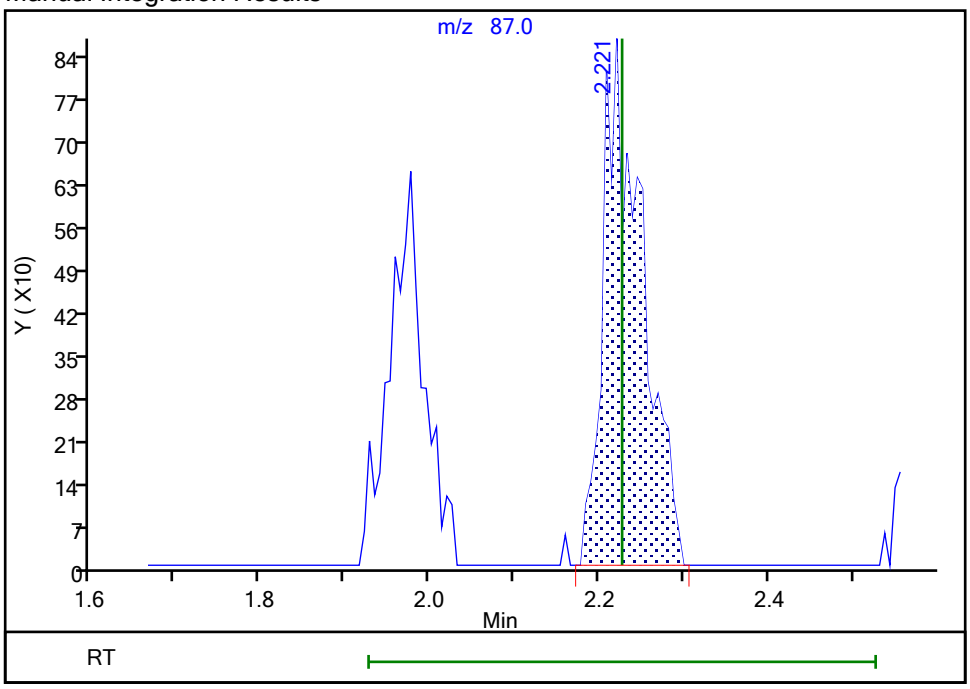
Processing Integration Results

RT: 1.98
Area: 1838
Amount: 0.704996
Amount Units: ug/l



Manual Integration Results

RT: 2.22
Area: 2755
Amount: 0.998282
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:19:41
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

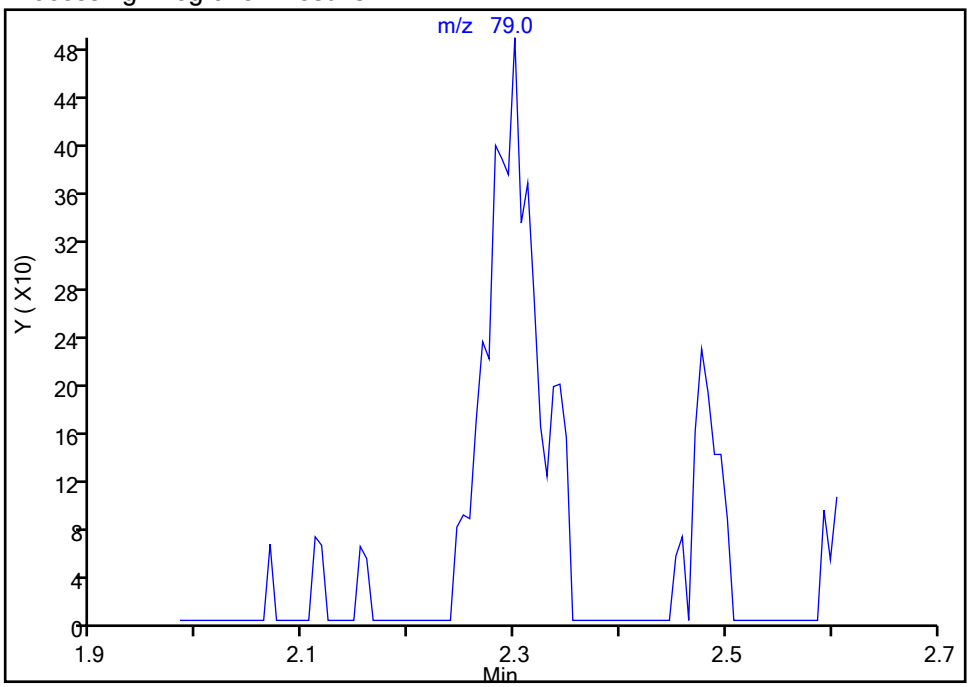
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

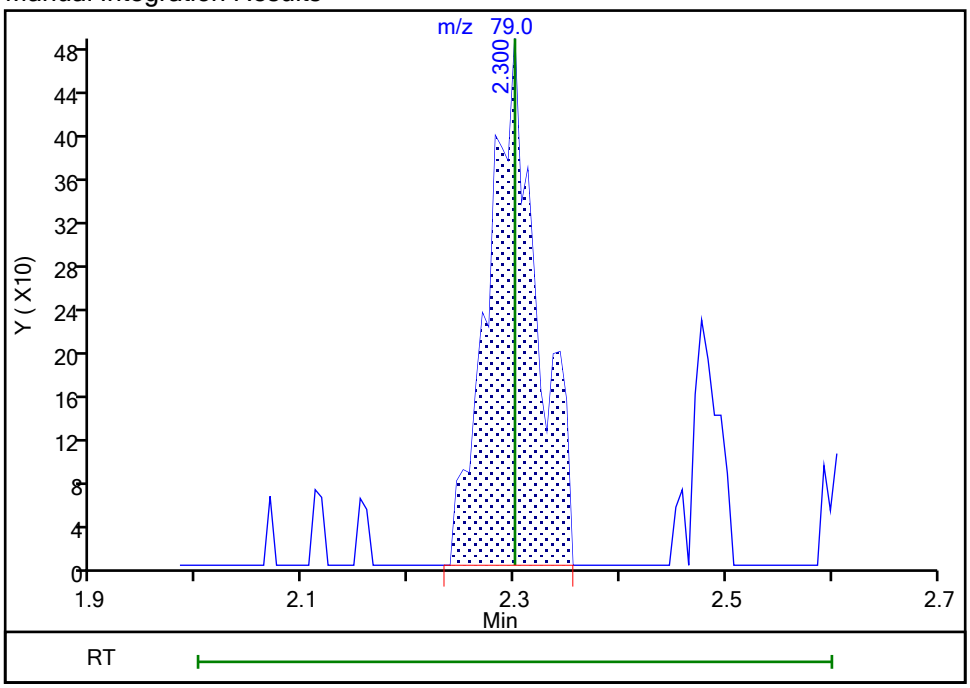
Not Detected
Expected RT: 2.30

Processing Integration Results



Manual Integration Results

RT: 2.30
Area: 1556
Amount: 1.156086
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:19:46
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

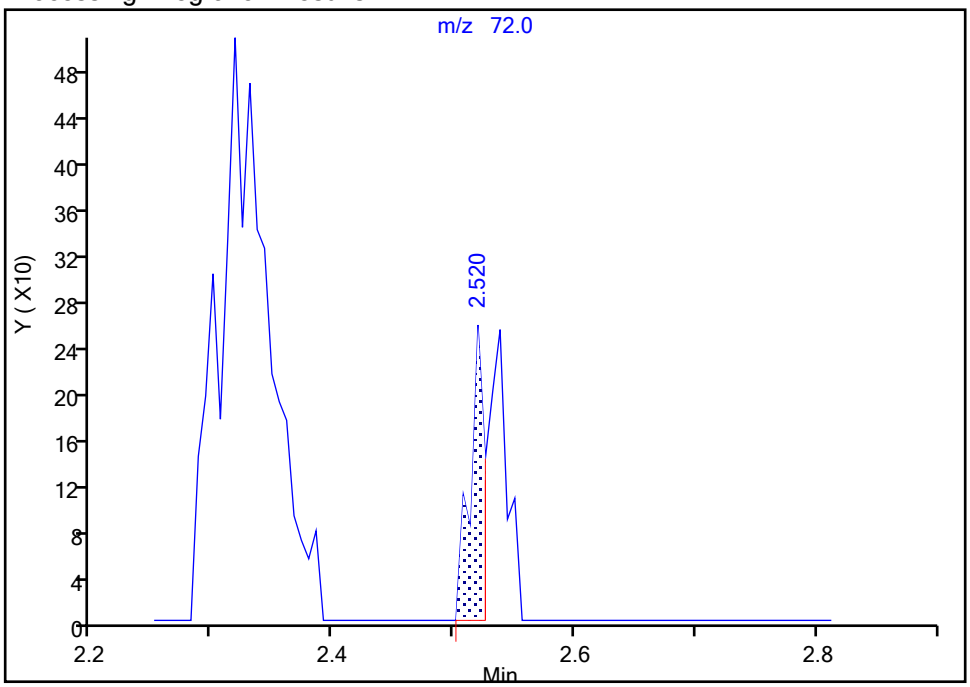
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

48 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

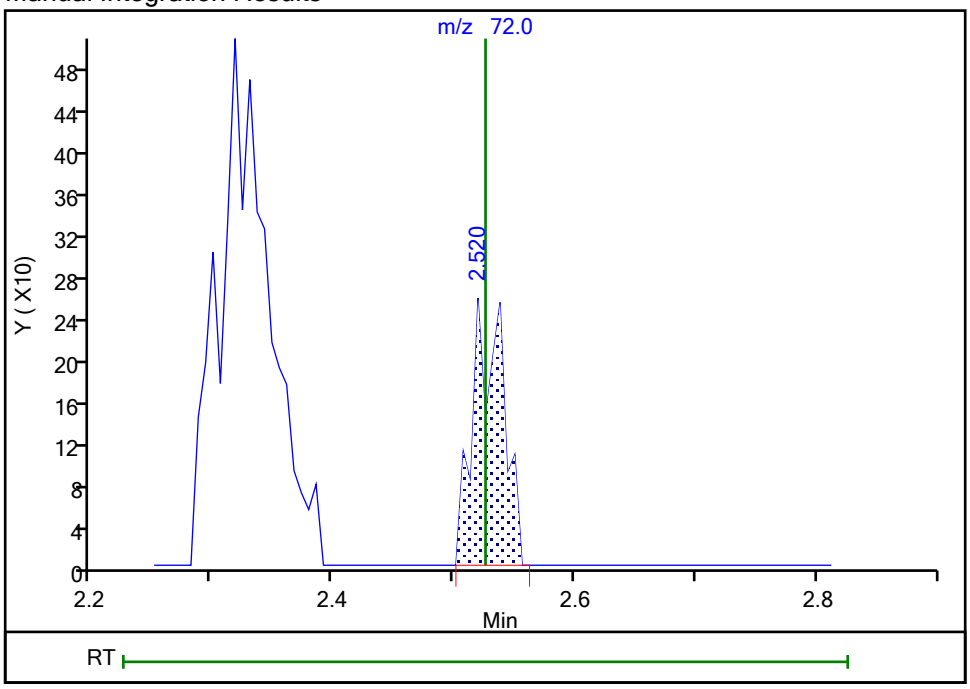
Processing Integration Results

RT: 2.52
Area: 212
Amount: 0.707070
Amount Units: ug/l



Manual Integration Results

RT: 2.52
Area: 446
Amount: 1.524865
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:20:09
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

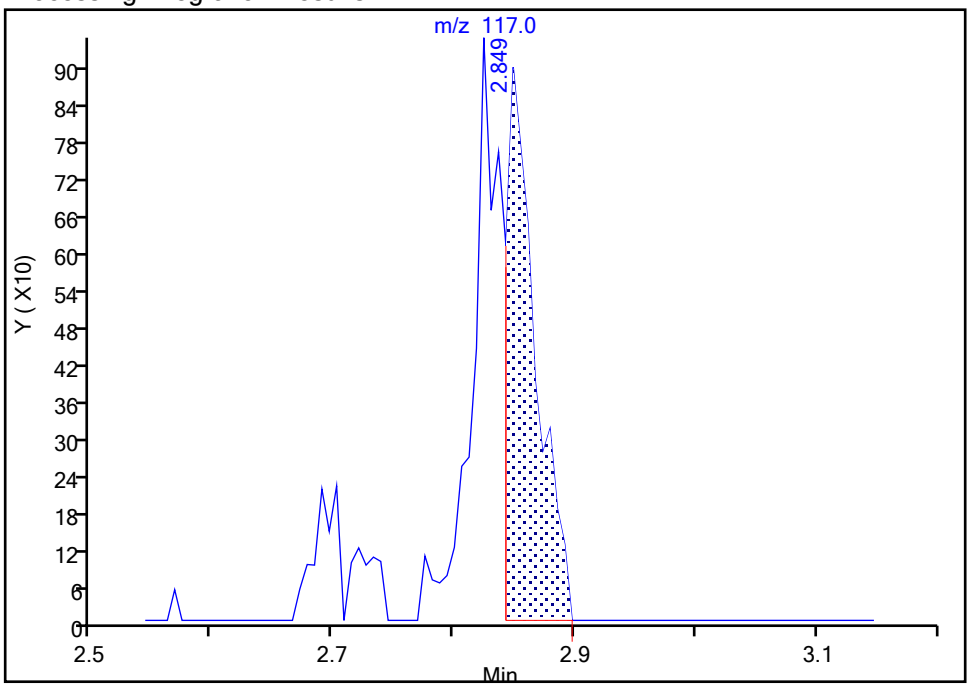
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

53 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

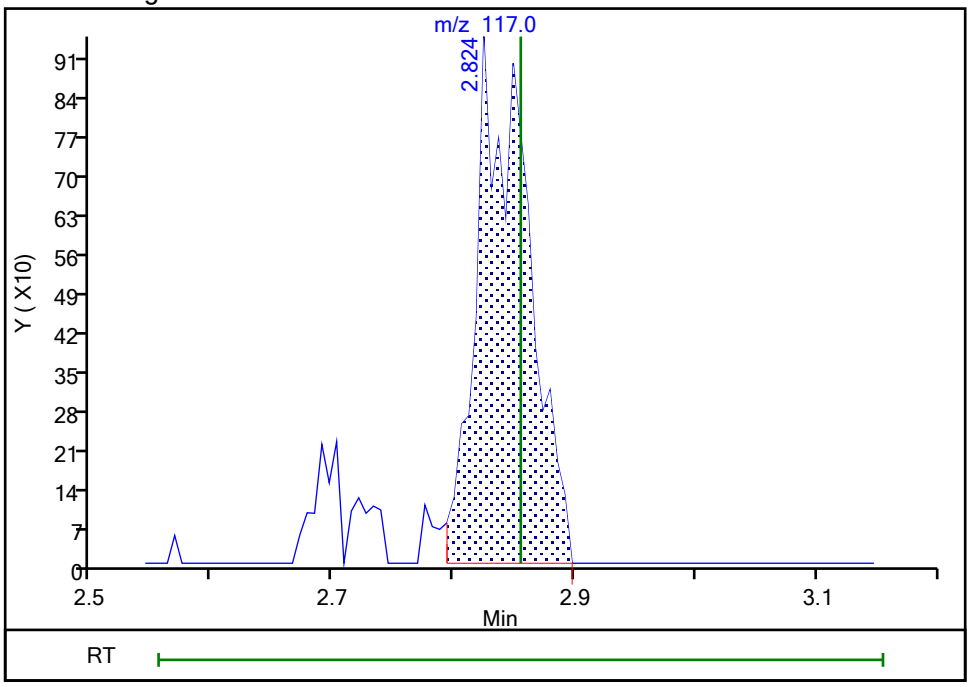
Processing Integration Results

RT: 2.85
Area: 1539
Amount: 0.497958
Amount Units: ug/l



Manual Integration Results

RT: 2.82
Area: 2831
Amount: 0.898491
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:20:22
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

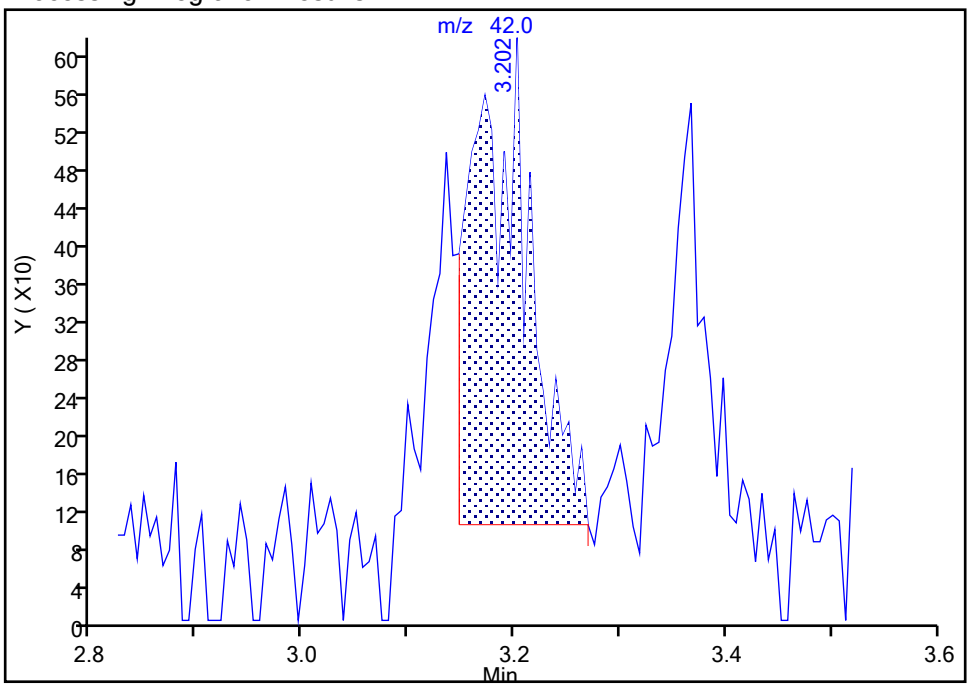
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

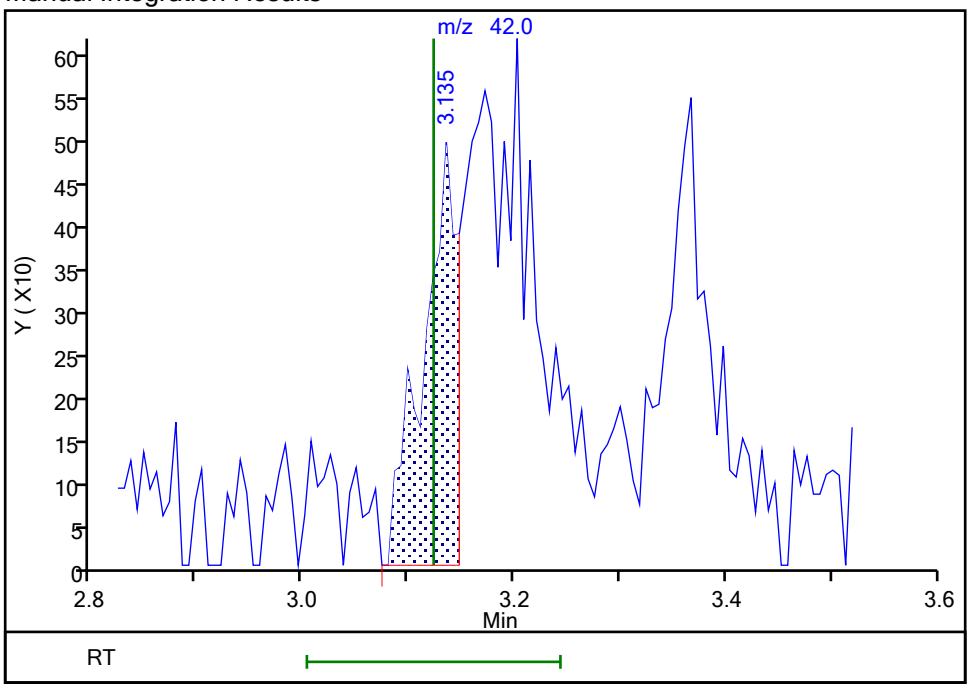
Processing Integration Results

RT: 3.20
Area: 1890
Amount: 14.767550
Amount Units: ug/l



Manual Integration Results

RT: 3.14
Area: 1113
Amount: 12.204838
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:20:32
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

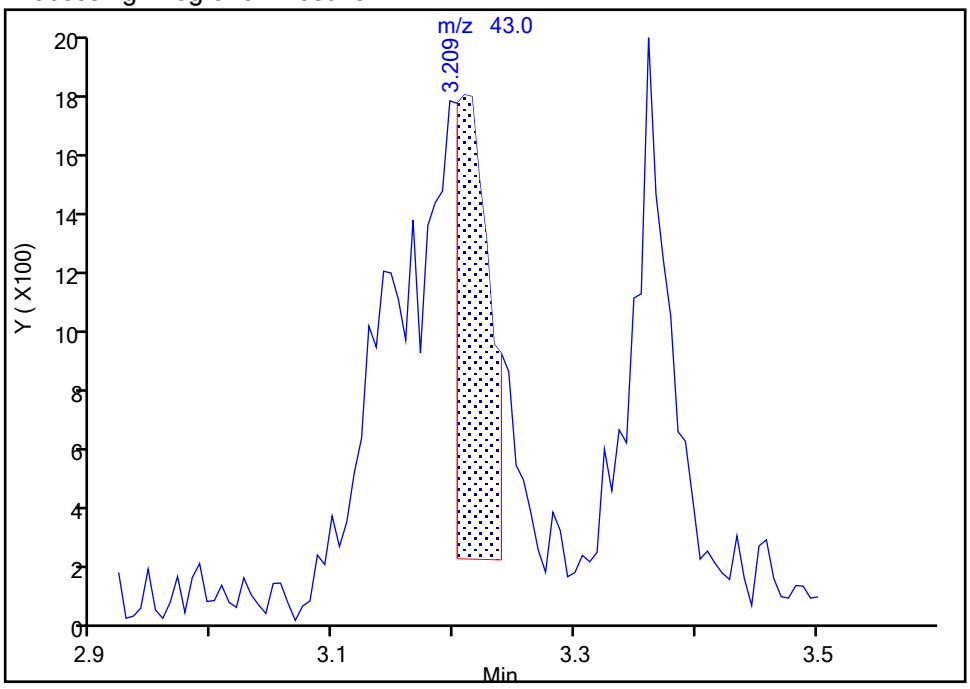
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

73 Isopropyl acetate, CAS: 108-21-4

Signal: 1

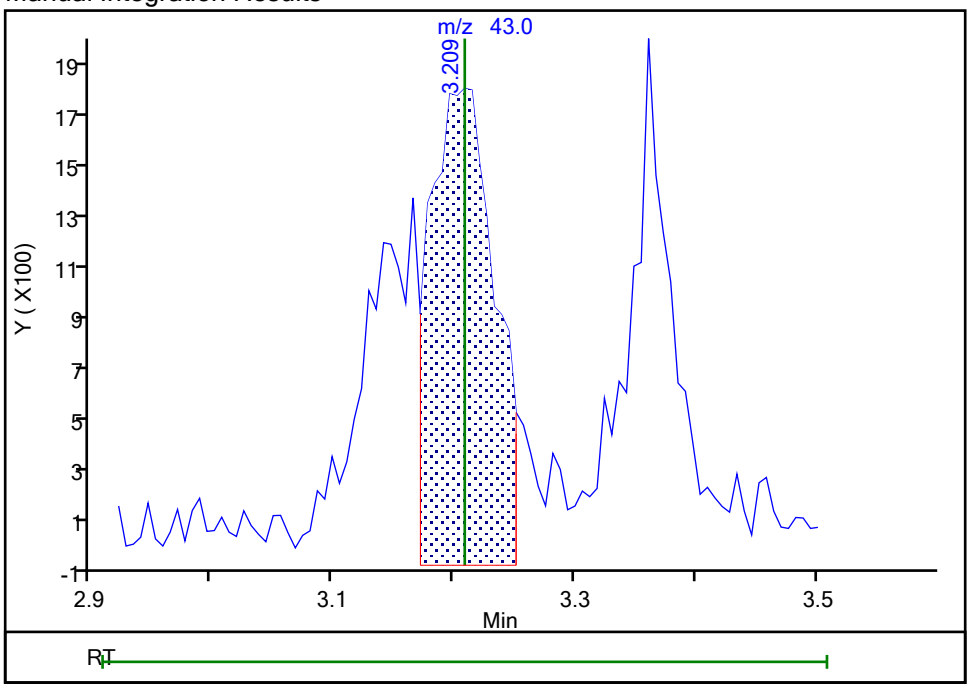
Processing Integration Results

RT: 3.21
Area: 3002
Amount: 0.280624
Amount Units: ug/l



Manual Integration Results

RT: 3.21
Area: 6761
Amount: 0.748744
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:20:47
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

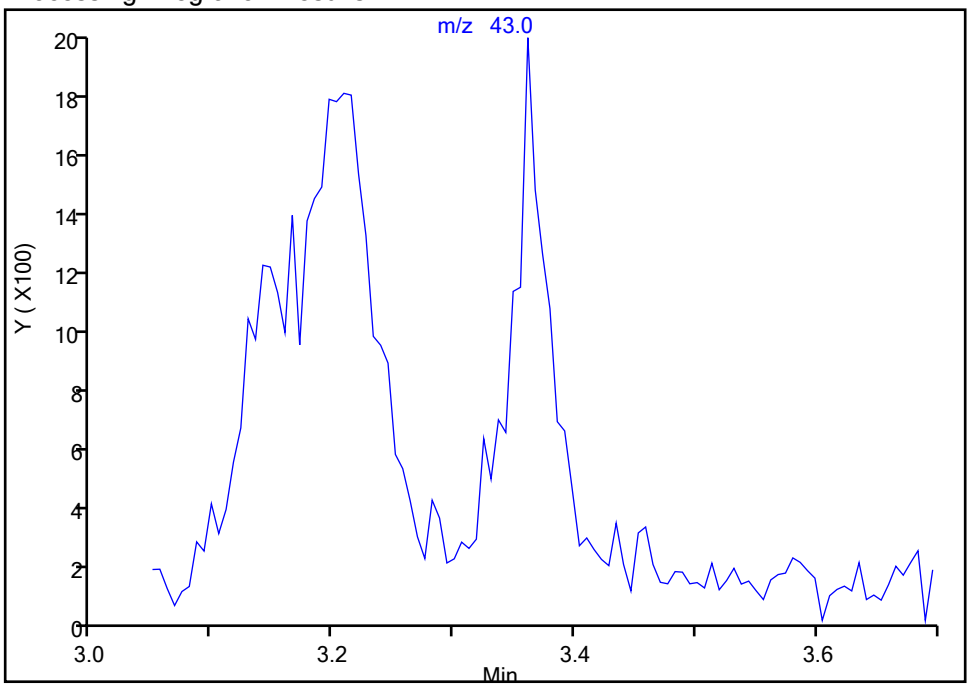
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Signal: 1

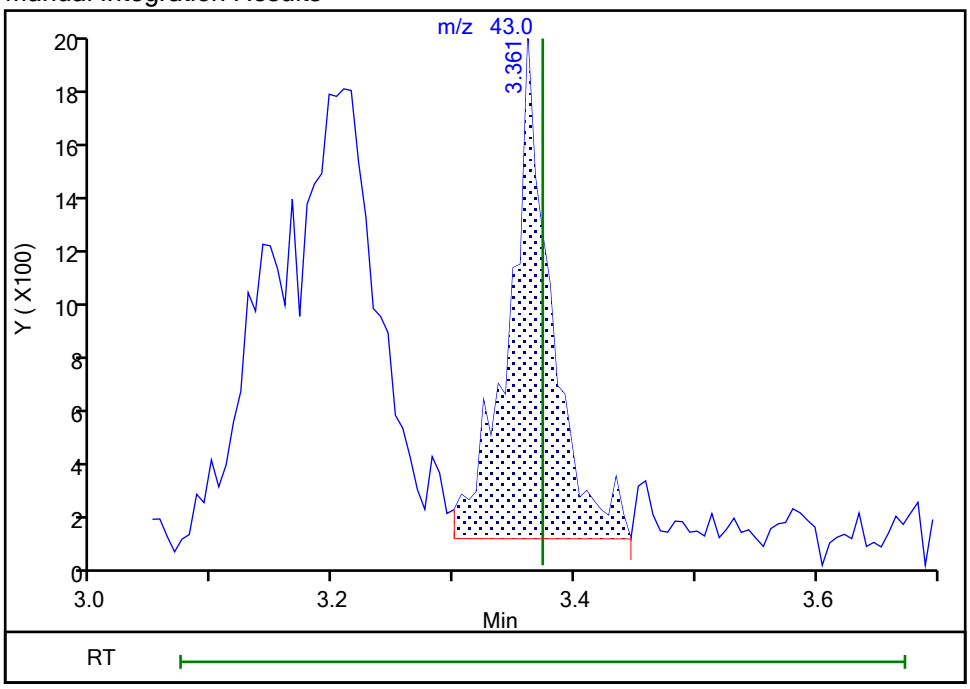
Not Detected
Expected RT: 3.37

Processing Integration Results



Manual Integration Results

RT: 3.36
Area: 4516
Amount: 0.914342
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:20:53
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

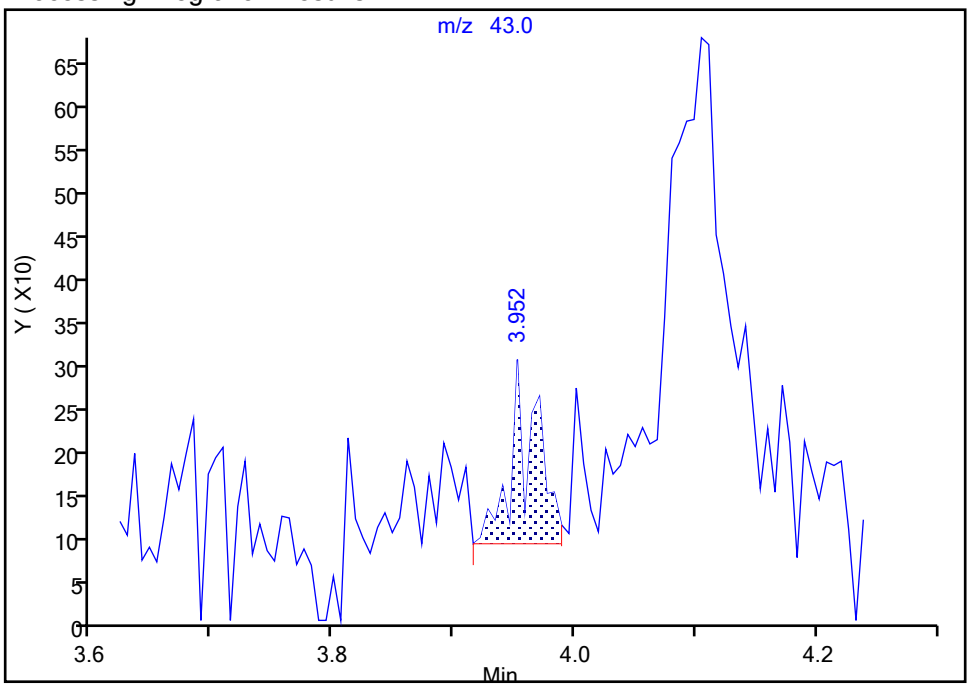
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 n-Butanol, CAS: 71-36-3

Signal: 1

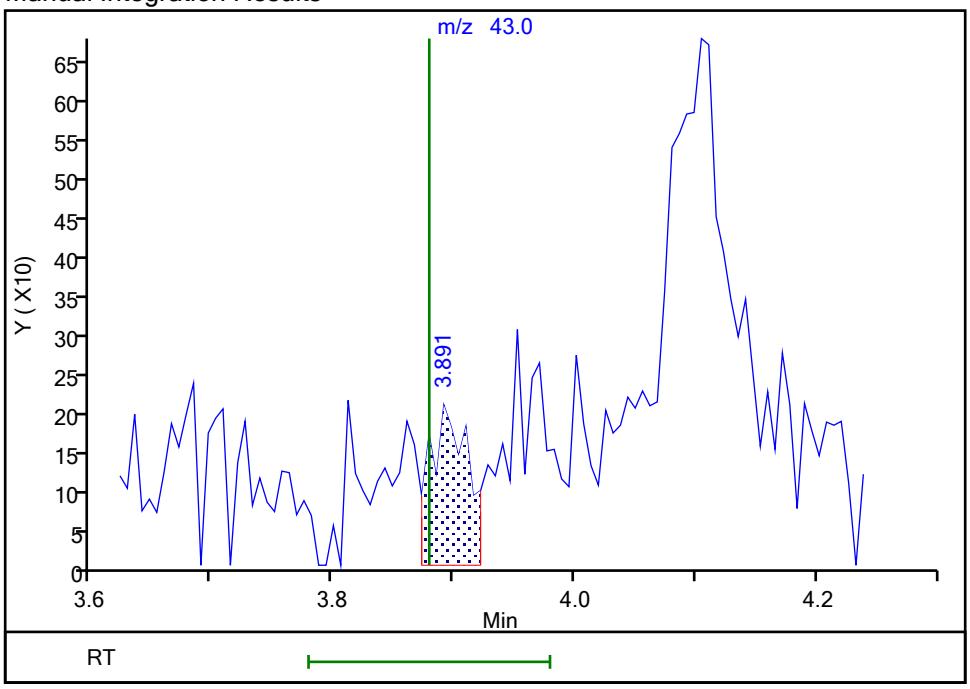
Processing Integration Results

RT: 3.95
Area: 316
Amount: 6.402403
Amount Units: ug/l



Manual Integration Results

RT: 3.89
Area: 460
Amount: 14.694816
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:28:59
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

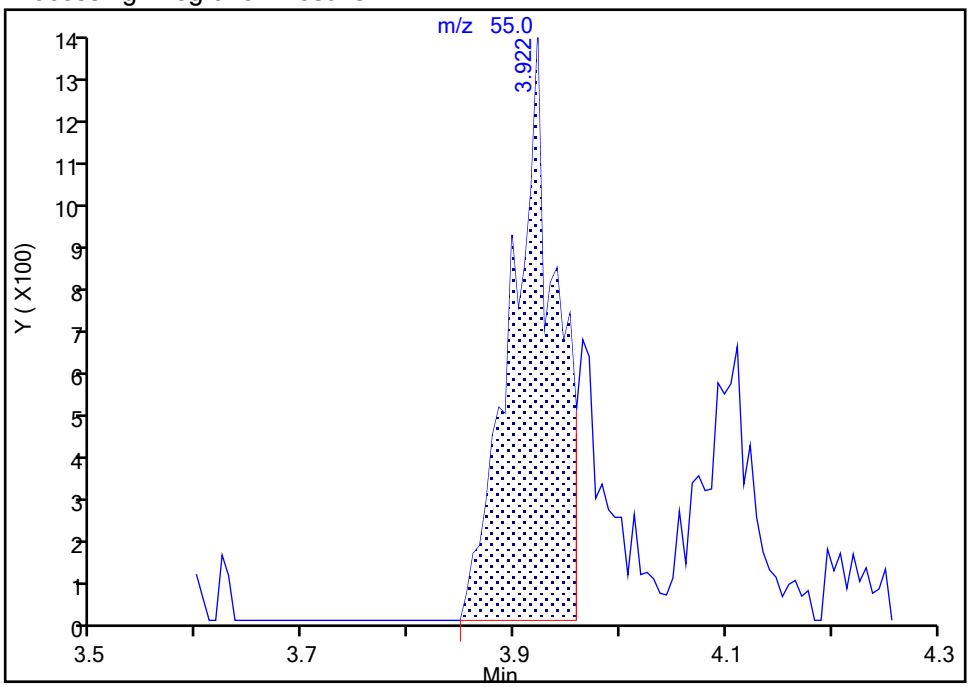
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

66 Ethyl acrylate, CAS: 140-88-5

Signal: 1

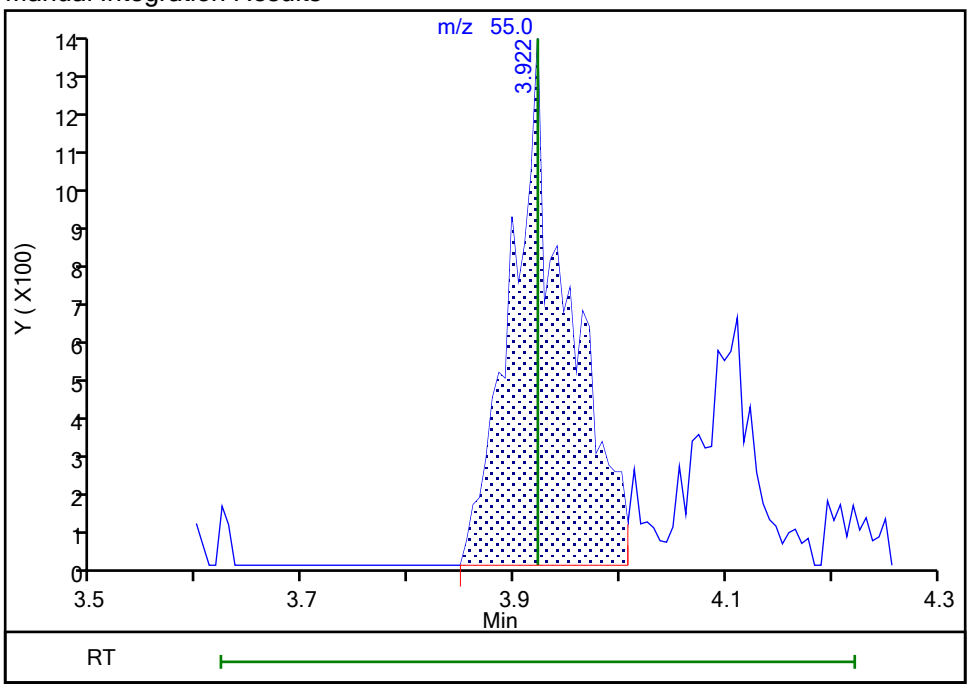
Processing Integration Results

RT: 3.92
Area: 4075
Amount: 0.606529
Amount Units: ug/l



Manual Integration Results

RT: 3.92
Area: 5079
Amount: 0.792812
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:21:27
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

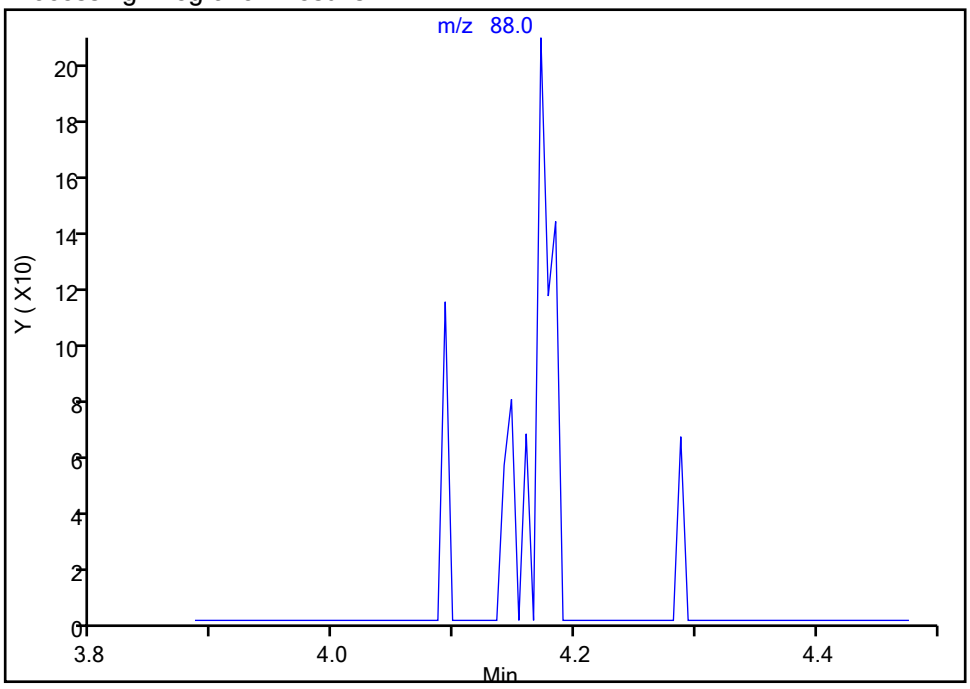
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

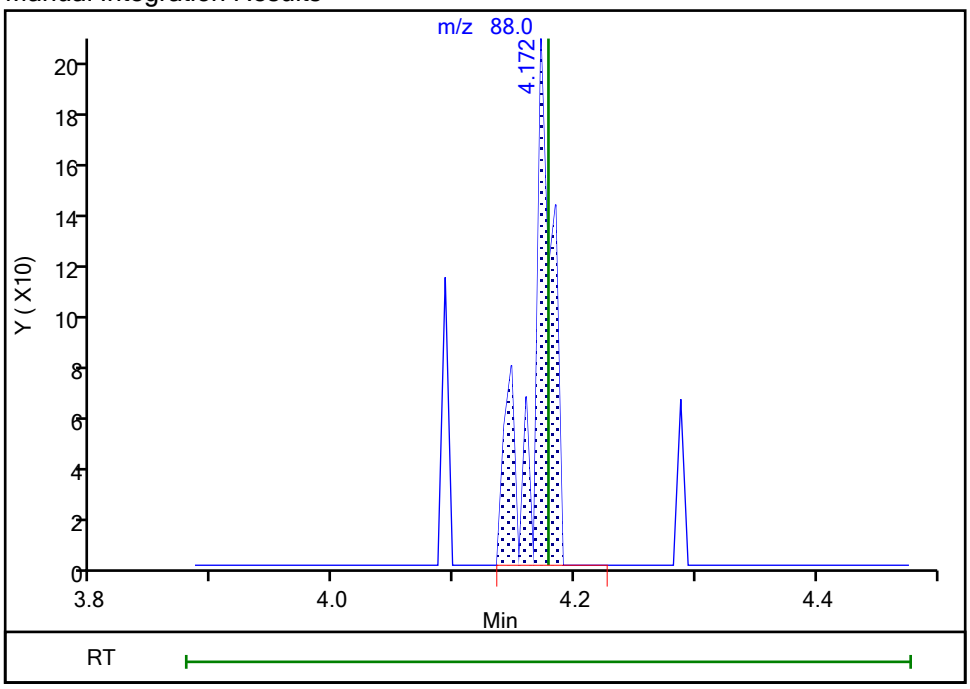
Not Detected
Expected RT: 4.18

Processing Integration Results



Manual Integration Results

RT: 4.17
Area: 238
Amount: 19.680654
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:21:39
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

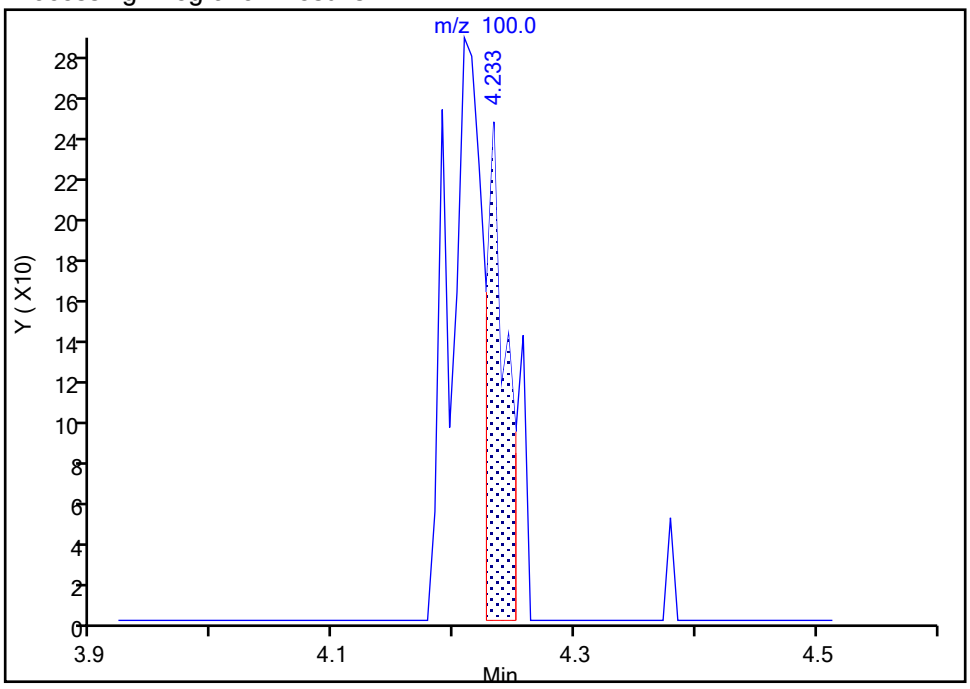
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

71 Methyl methacrylate, CAS: 80-62-6

Signal: 1

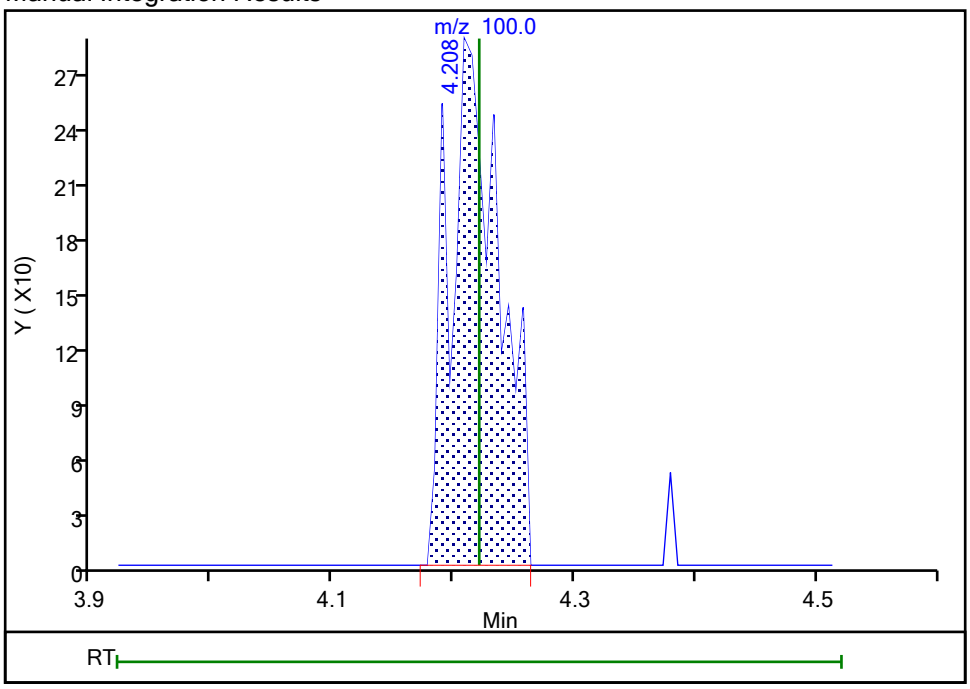
Processing Integration Results

RT: 4.23
Area: 273
Amount: 0.607925
Amount Units: ug/l



Manual Integration Results

RT: 4.21
Area: 813
Amount: 1.891940
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:21:50
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

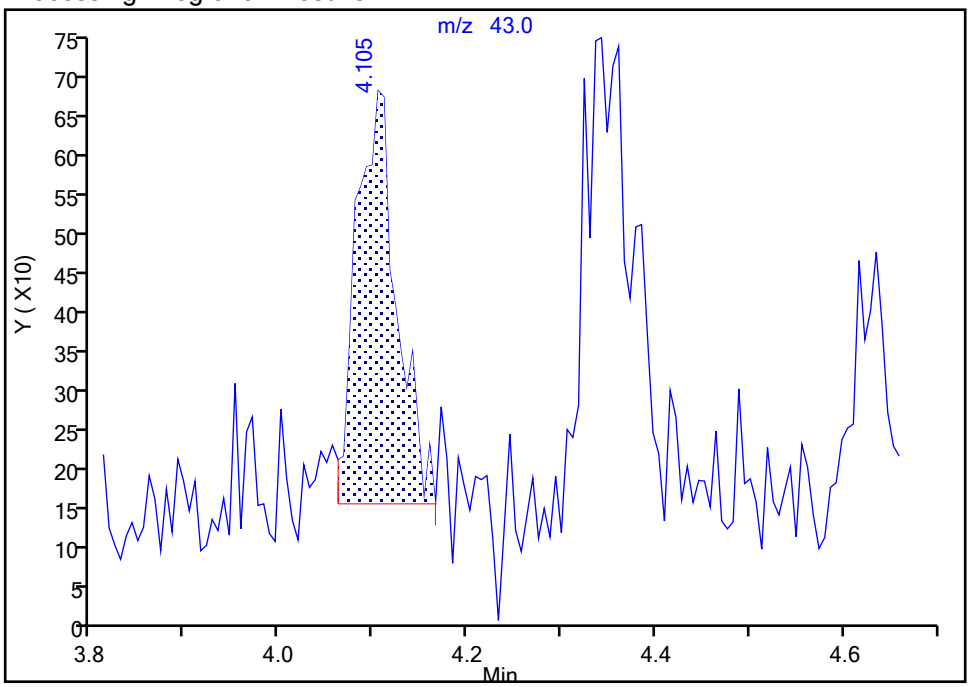
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

81 n-Propyl acetate, CAS: 109-60-4

Signal: 1

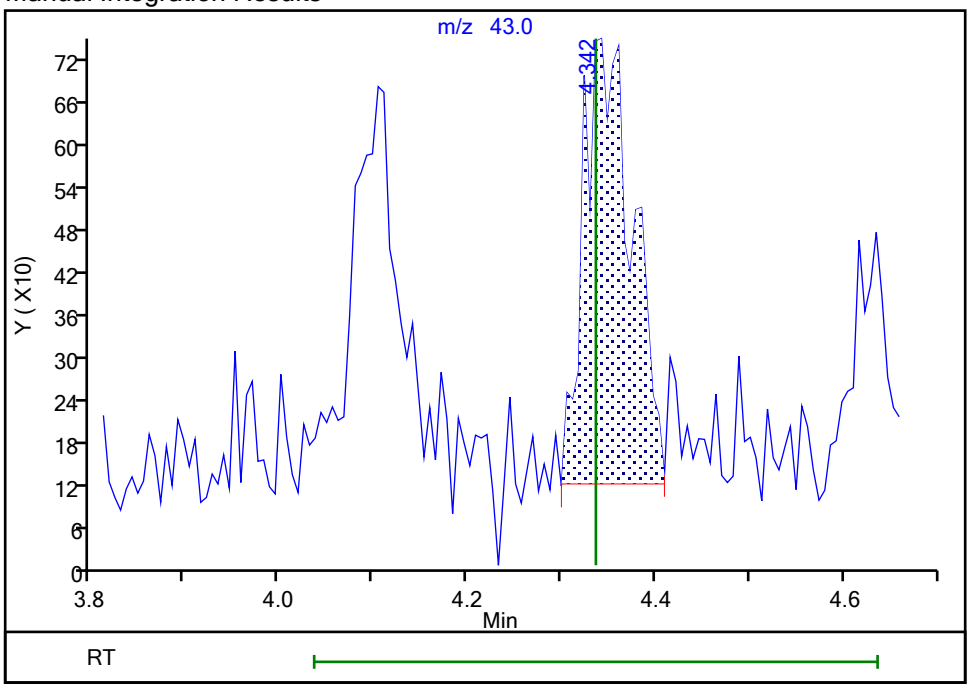
Processing Integration Results

RT: 4.10
Area: 1568
Amount: 0.526733
Amount Units: ug/l



Manual Integration Results

RT: 4.34
Area: 2284
Amount: 0.813183
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:22:08
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

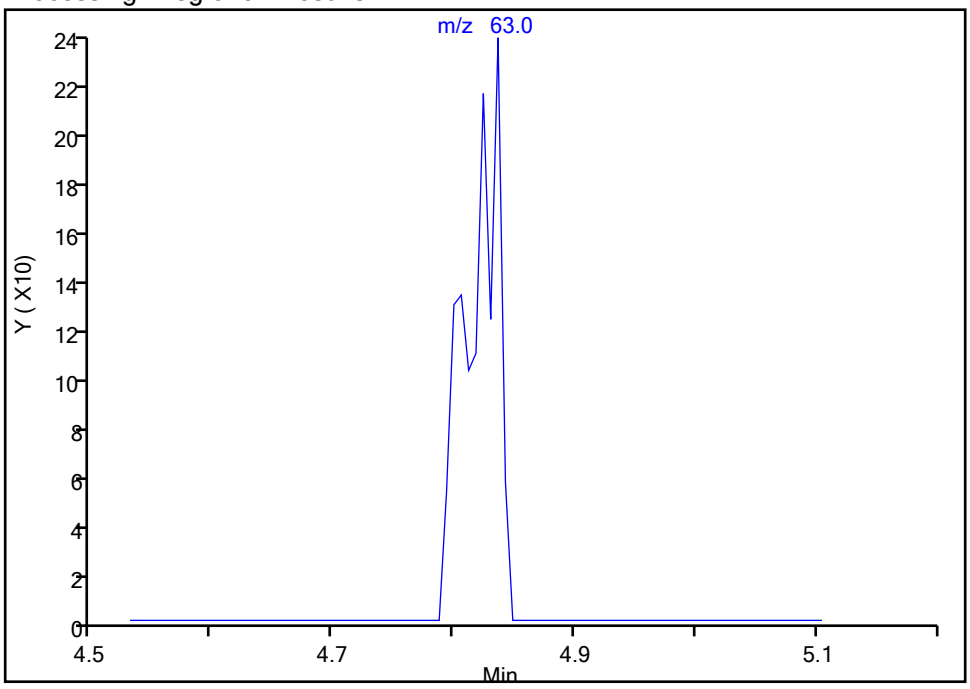
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

75 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

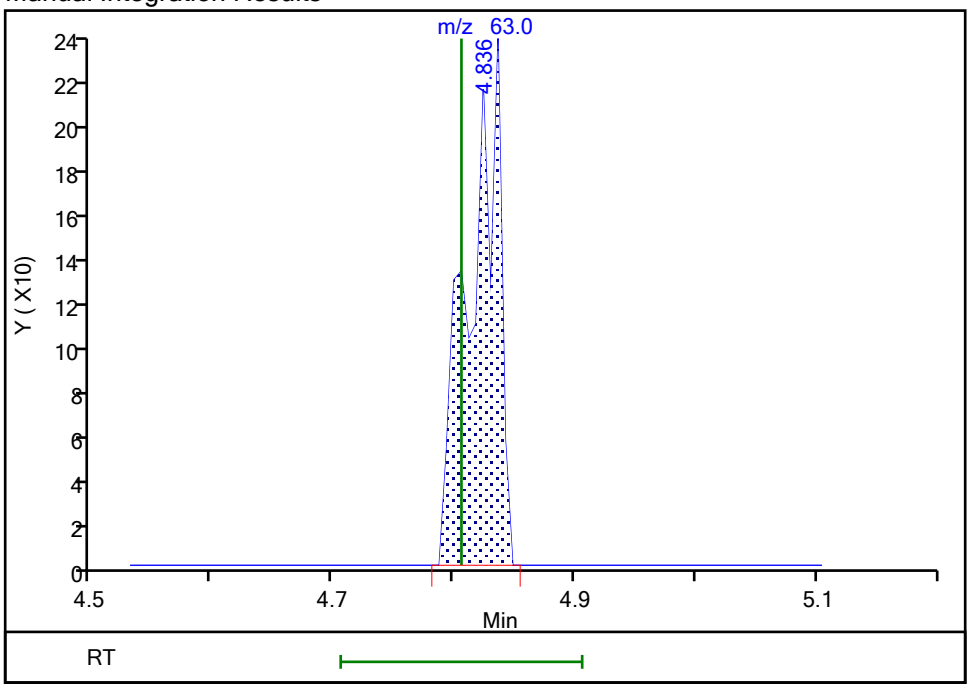
Not Detected
Expected RT: 4.81

Processing Integration Results



Manual Integration Results

RT: 4.84
Area: 427
Amount: 1.030244
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:22:14
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

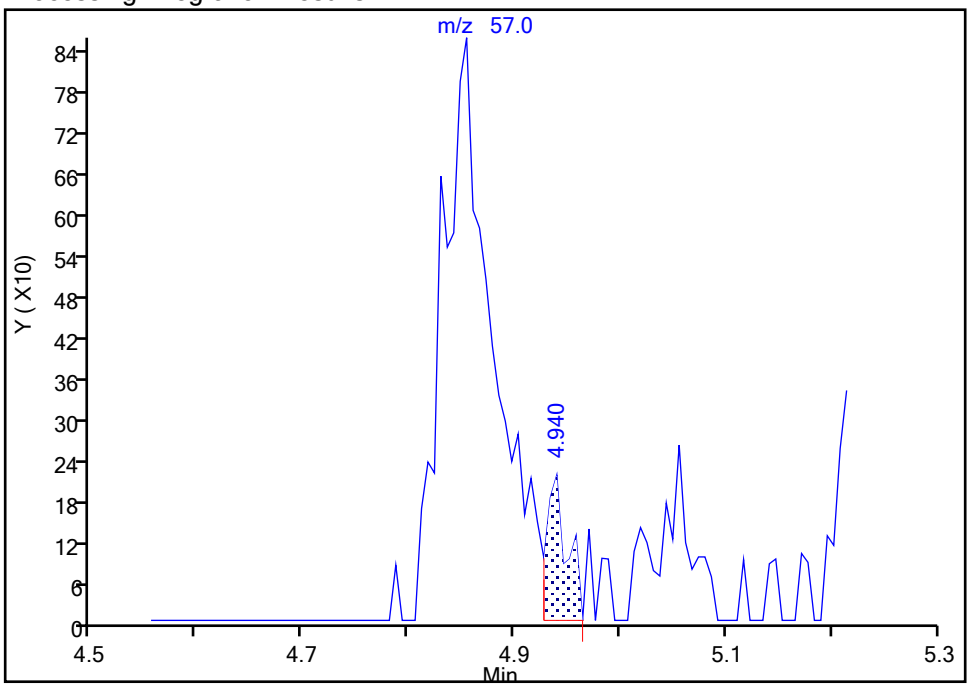
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 Epichlorohydrin, CAS: 106-89-8

Signal: 1

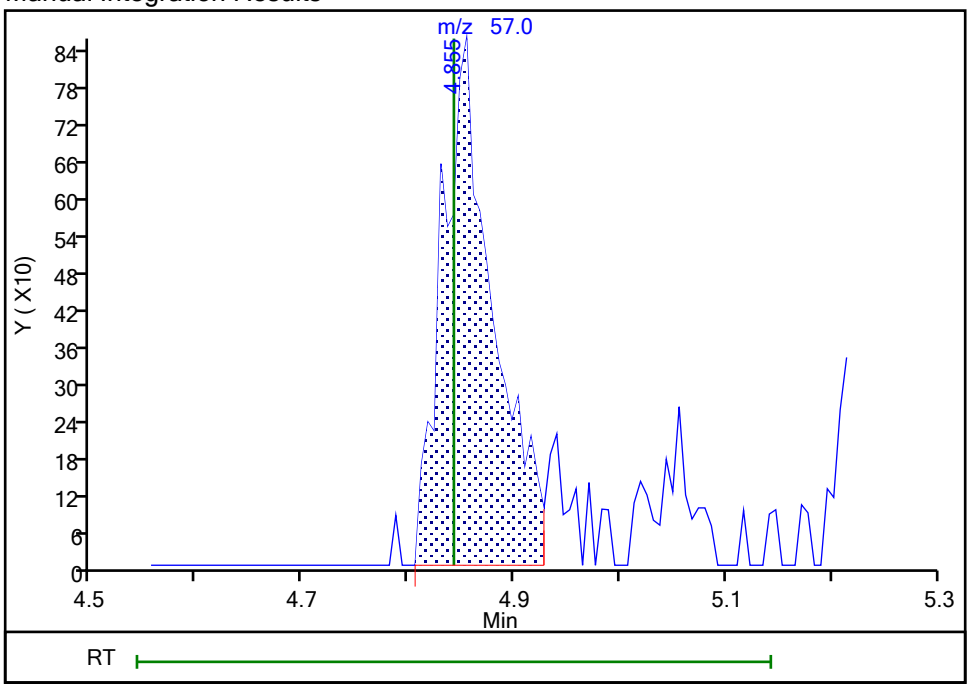
Processing Integration Results

RT: 4.94
Area: 285
Amount: 20.175252
Amount Units: ug/l



Manual Integration Results

RT: 4.85
Area: 2862
Amount: 14.378075
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:22:19
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

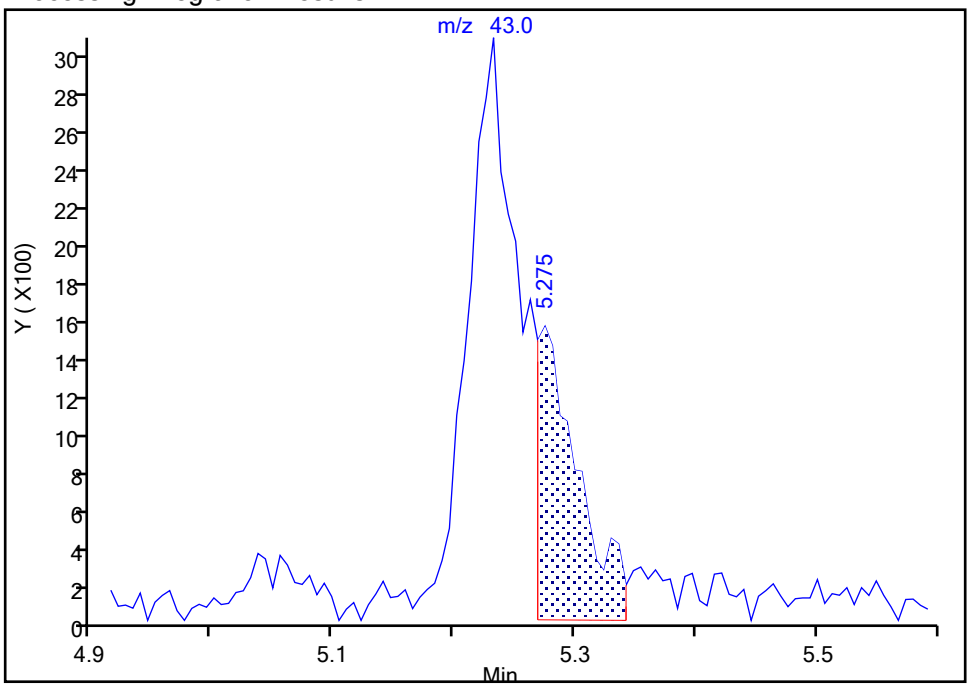
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

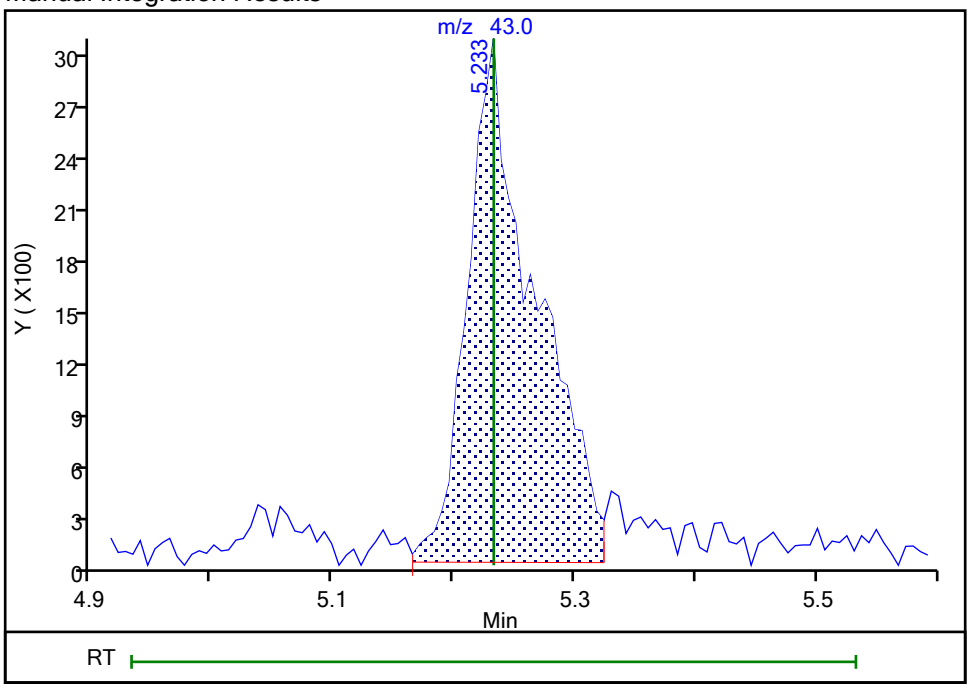
Processing Integration Results

RT: 5.28
Area: 3689
Amount: 5.038238
Amount Units: ug/l



Manual Integration Results

RT: 5.23
Area: 11651
Amount: 4.976191
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:22:25
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

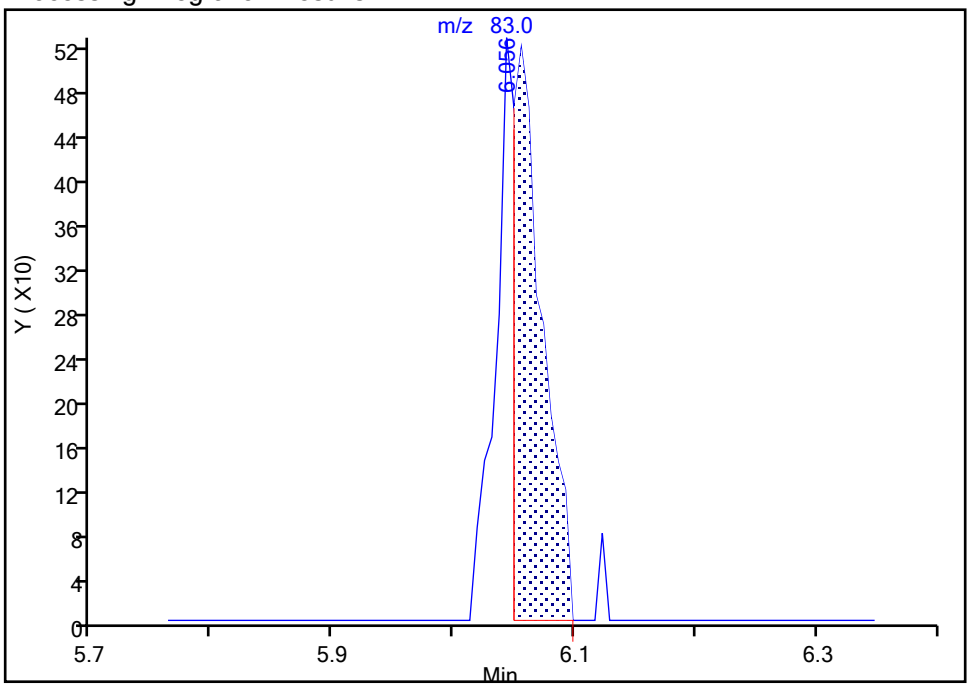
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

83 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

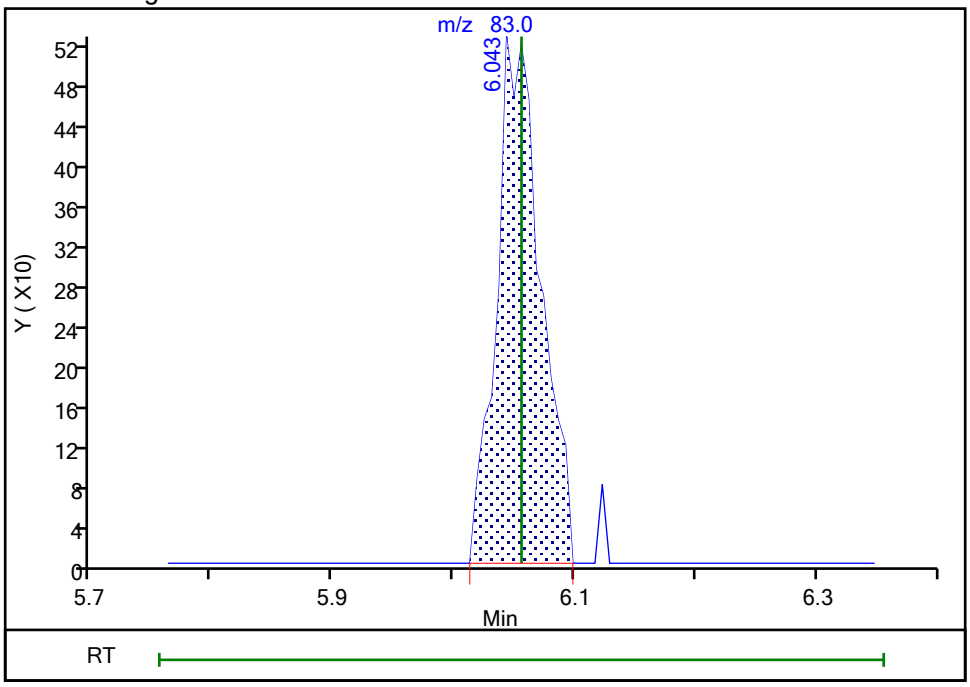
Processing Integration Results

RT: 6.06
Area: 888
Amount: 0.613398
Amount Units: ug/l



Manual Integration Results

RT: 6.04
Area: 1322
Amount: 0.864642
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:22:37
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

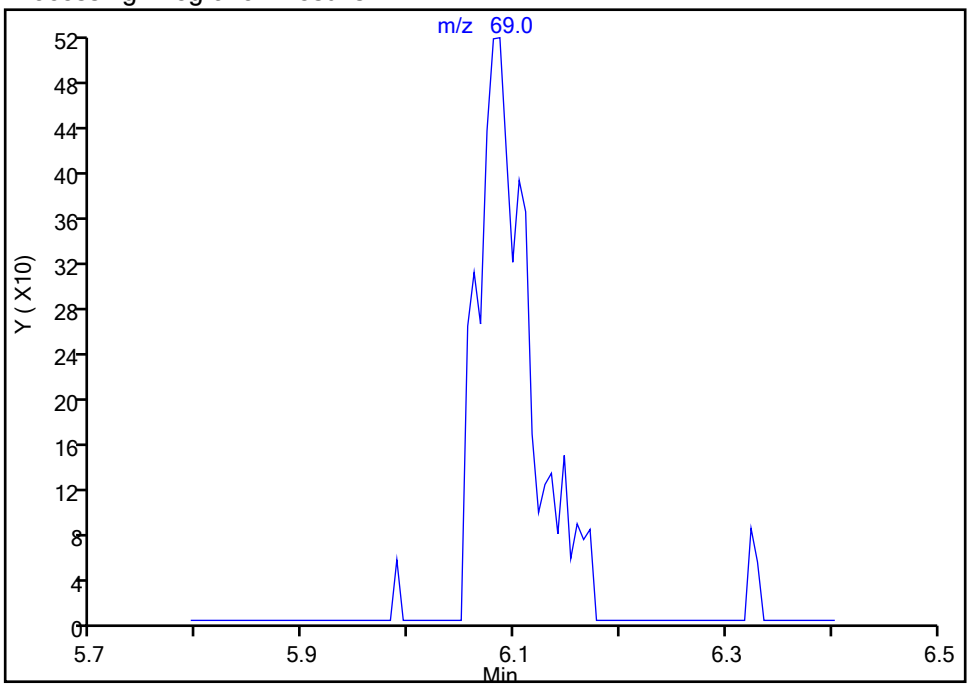
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

84 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

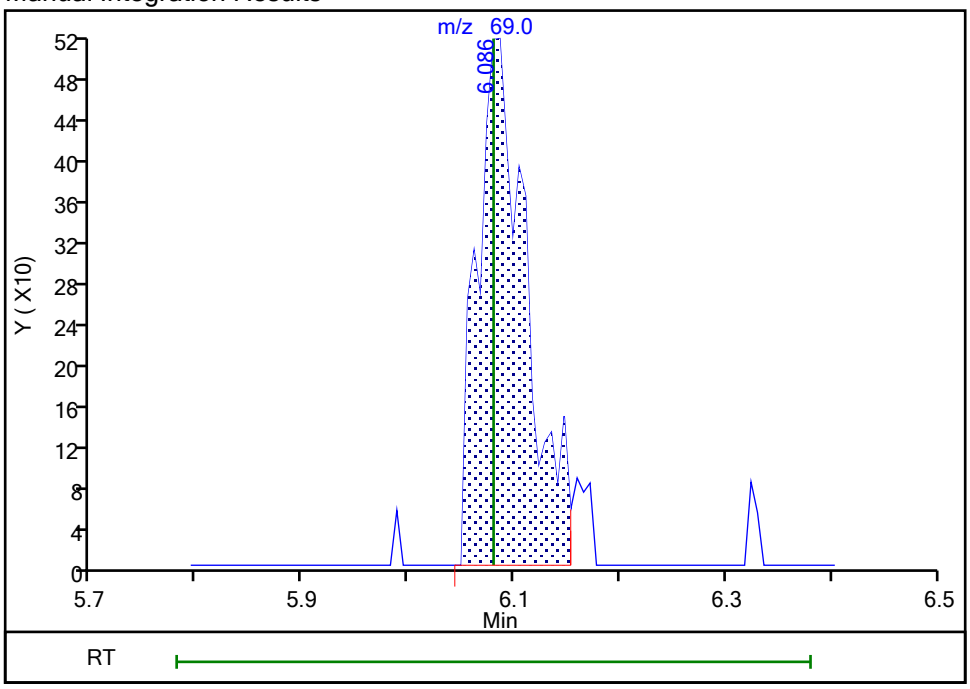
Not Detected
Expected RT: 6.08

Processing Integration Results



Manual Integration Results

RT: 6.09
Area: 1680
Amount: 0.787798
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:22:41
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

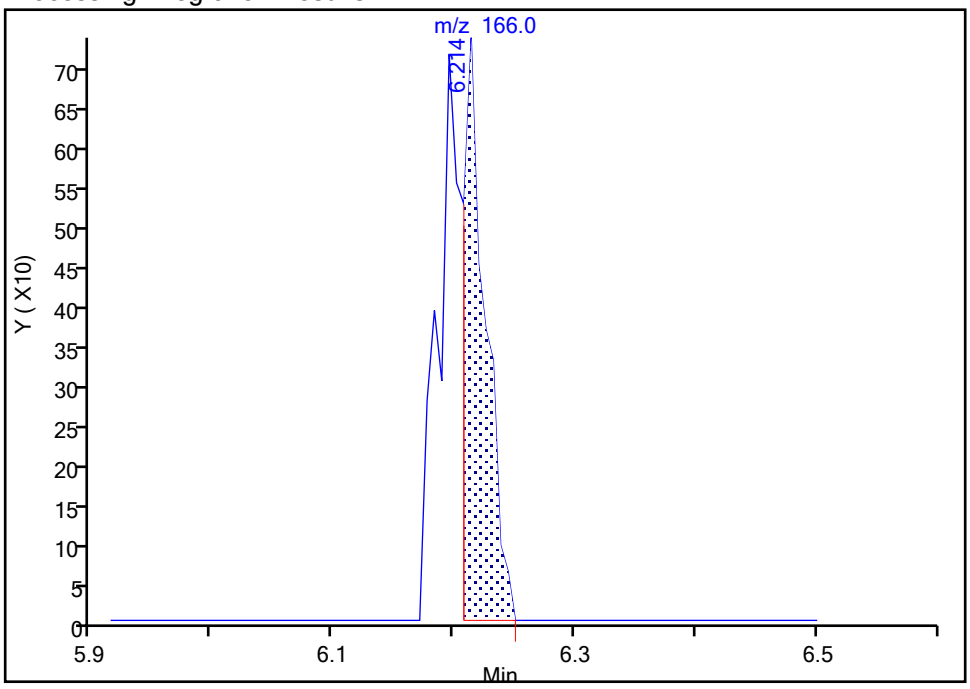
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

85 Tetrachloroethene, CAS: 127-18-4

Signal: 1

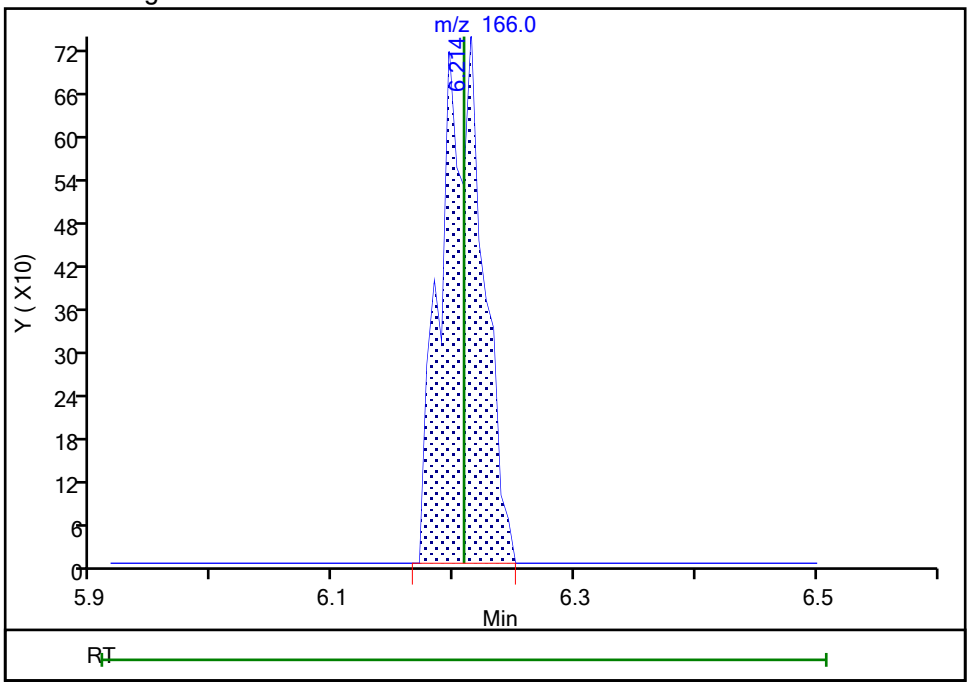
Processing Integration Results

RT: 6.21
Area: 937
Amount: 0.439672
Amount Units: ug/l



Manual Integration Results

RT: 6.21
Area: 1755
Amount: 0.822235
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:22:49
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

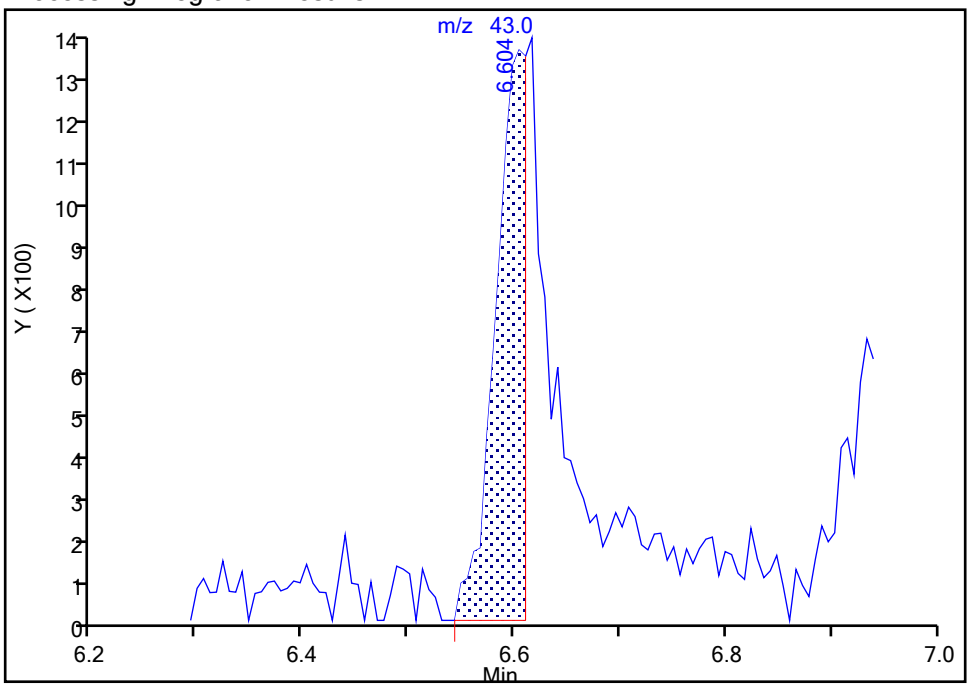
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

87 2-Hexanone, CAS: 591-78-6

Signal: 1

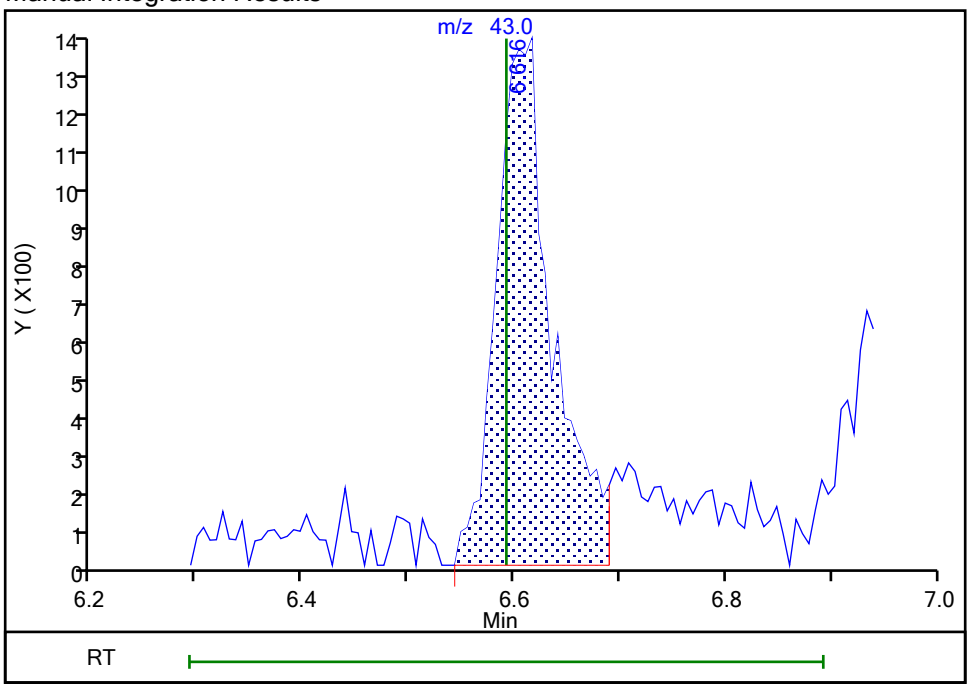
Processing Integration Results

RT: 6.60
Area: 2745
Amount: 5.267187
Amount Units: ug/l



Manual Integration Results

RT: 6.62
Area: 5035
Amount: 5.175002
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:22:21
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

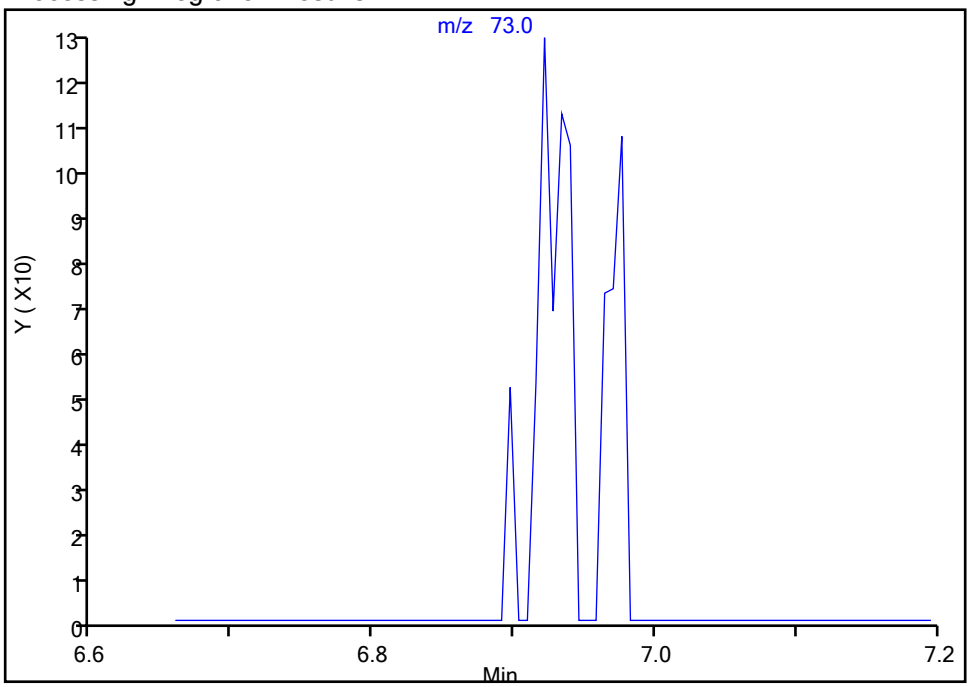
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

90 n-Butyl acetate, CAS: 123-86-4

Signal: 1

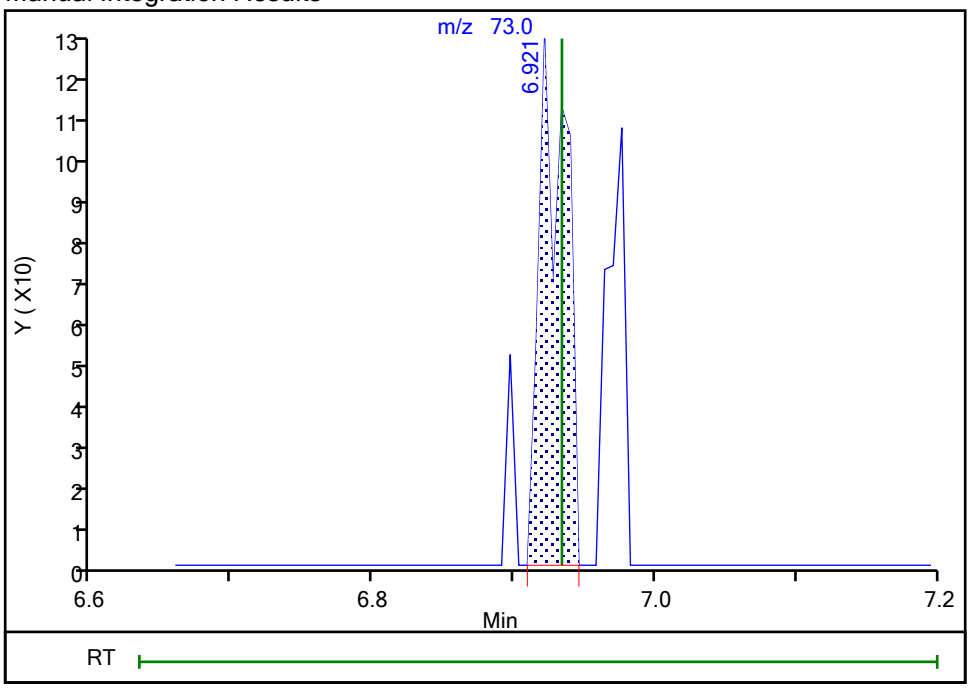
Not Detected
Expected RT: 6.93

Processing Integration Results



Manual Integration Results

RT: 6.92
Area: 172
Amount: 0.839197
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:23:04
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

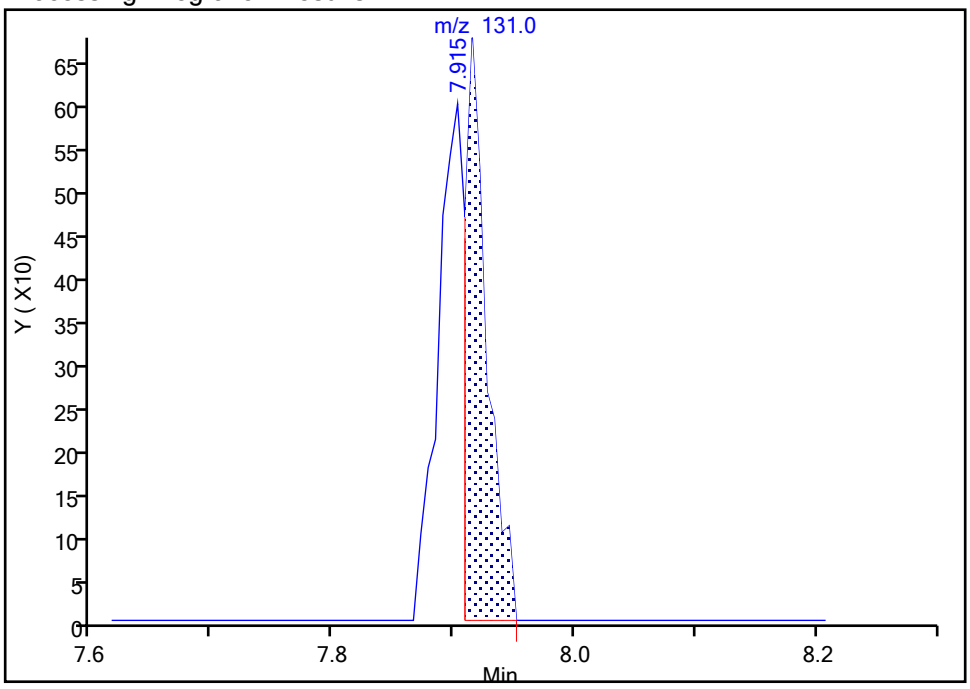
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

93 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Signal: 1

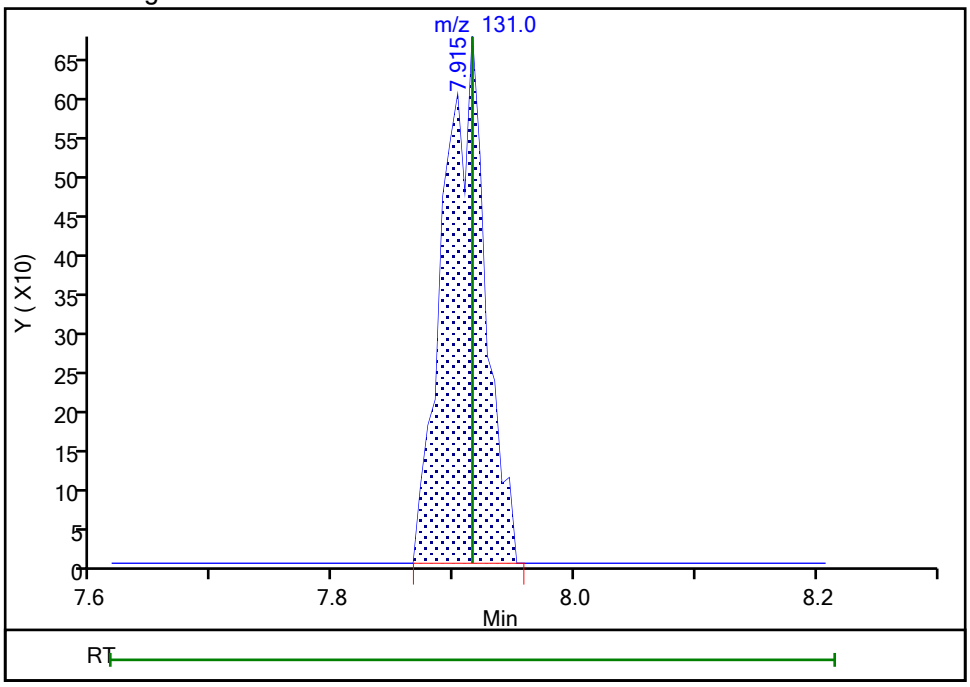
Processing Integration Results

RT: 7.91
Area: 874
Amount: 0.417726
Amount Units: ug/l



Manual Integration Results

RT: 7.91
Area: 1645
Amount: 0.795056
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:23:15
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

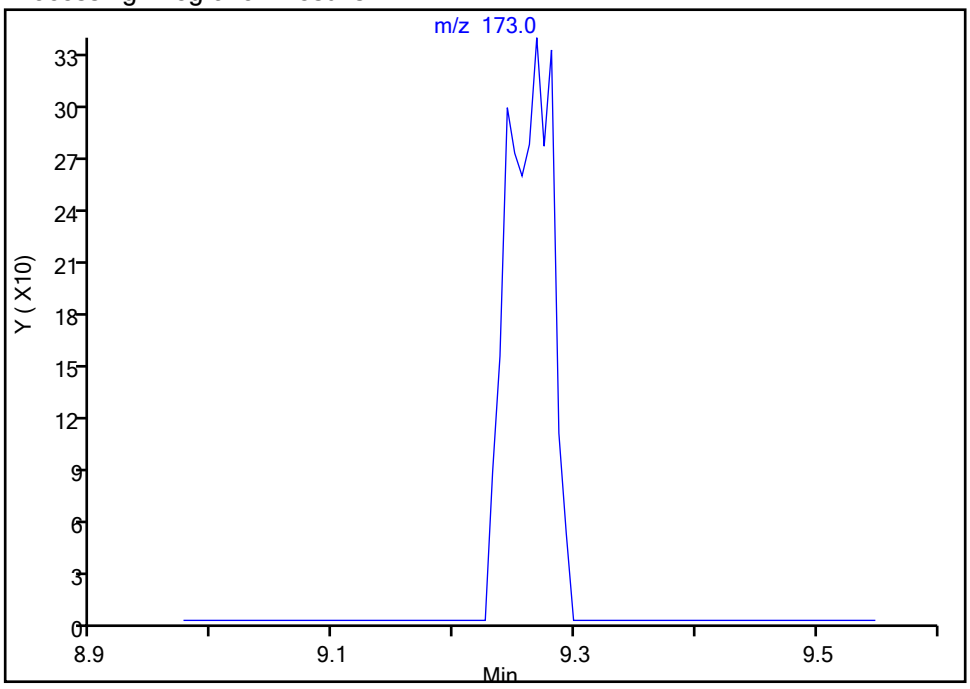
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

99 Bromoform, CAS: 75-25-2

Signal: 1

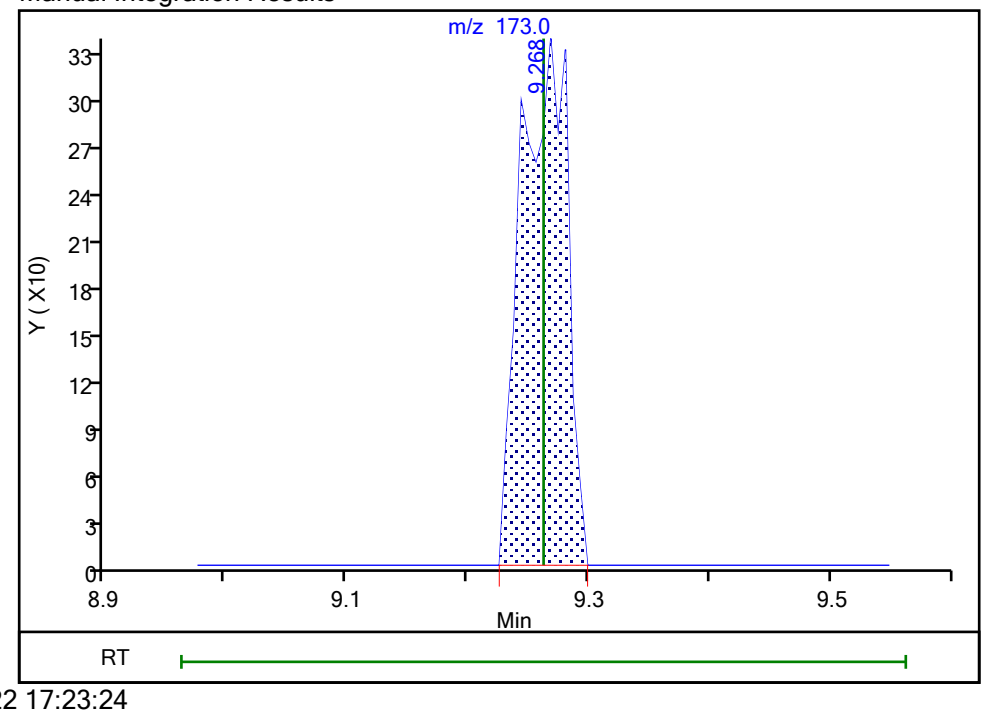
Not Detected
Expected RT: 9.26

Processing Integration Results



Manual Integration Results

RT: 9.27
Area: 881
Amount: 0.785939
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:23:24
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

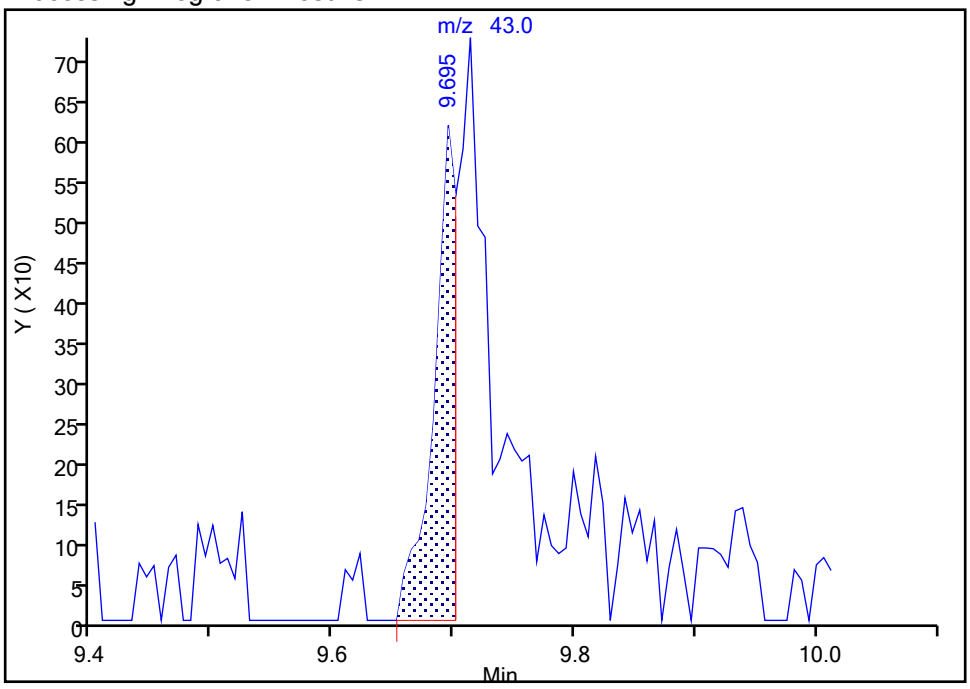
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

101 Amyl acetate (mixed isomers), CAS: 628-63-7

Signal: 1

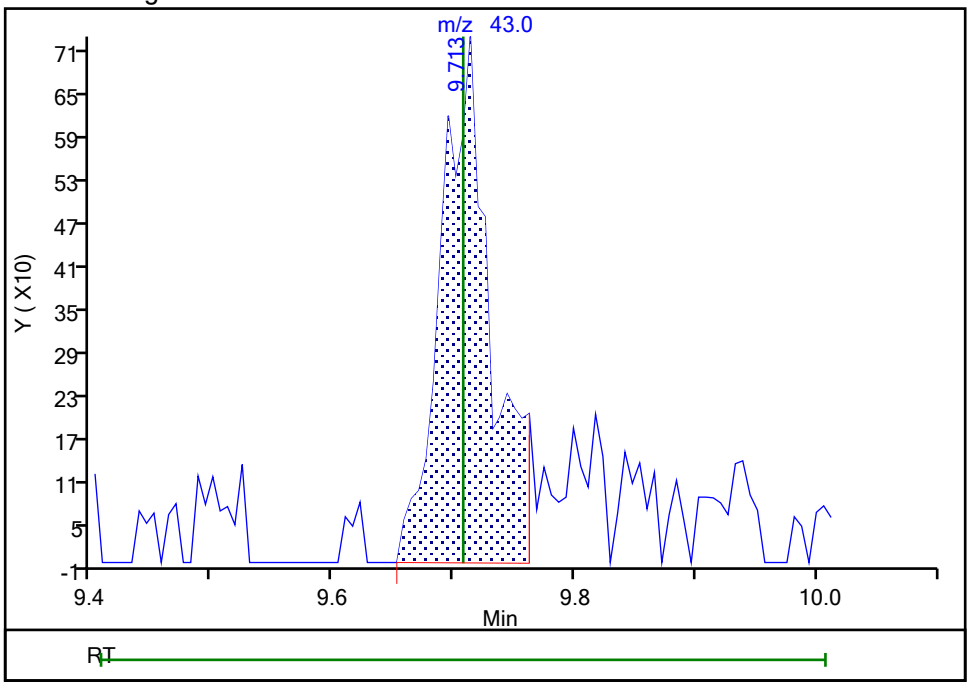
Processing Integration Results

RT: 9.70
Area: 813
Amount: 0.266133
Amount Units: ug/l



Manual Integration Results

RT: 9.71
Area: 2098
Amount: 0.686773
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:23:36
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

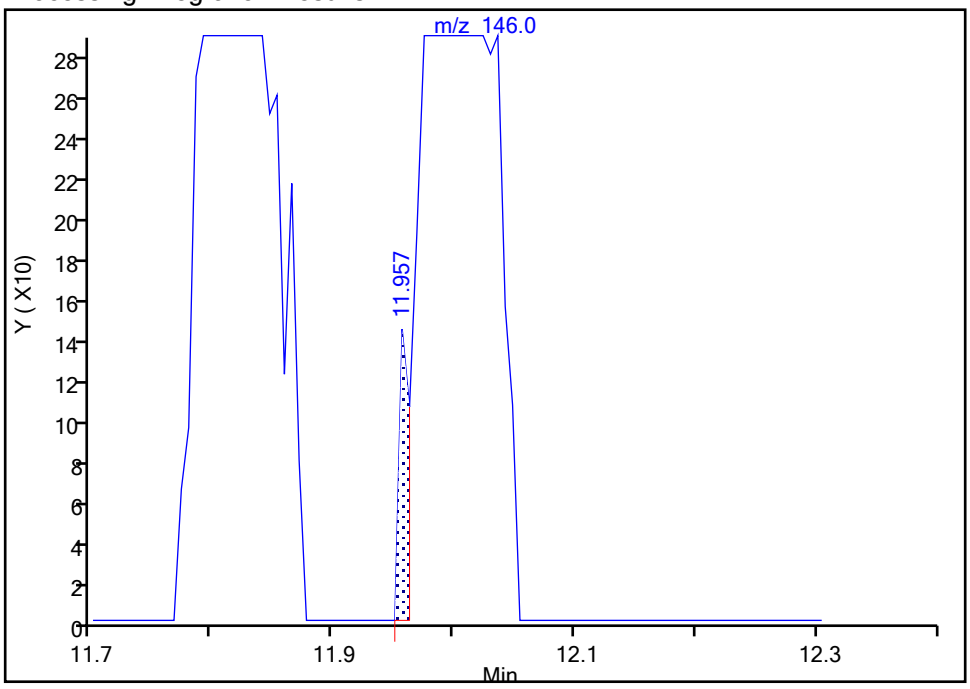
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

118 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

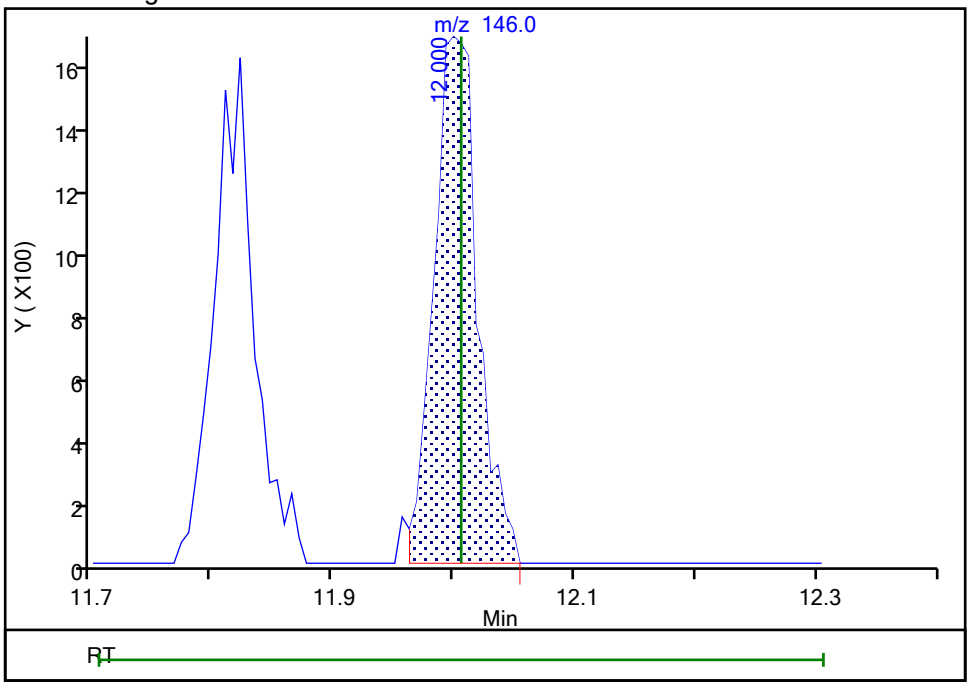
Processing Integration Results

RT: 11.96
Area: 90
Amount: 0.023842
Amount Units: ug/l



Manual Integration Results

RT: 12.00
Area: 4080
Amount: 1.011843
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:23:54
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

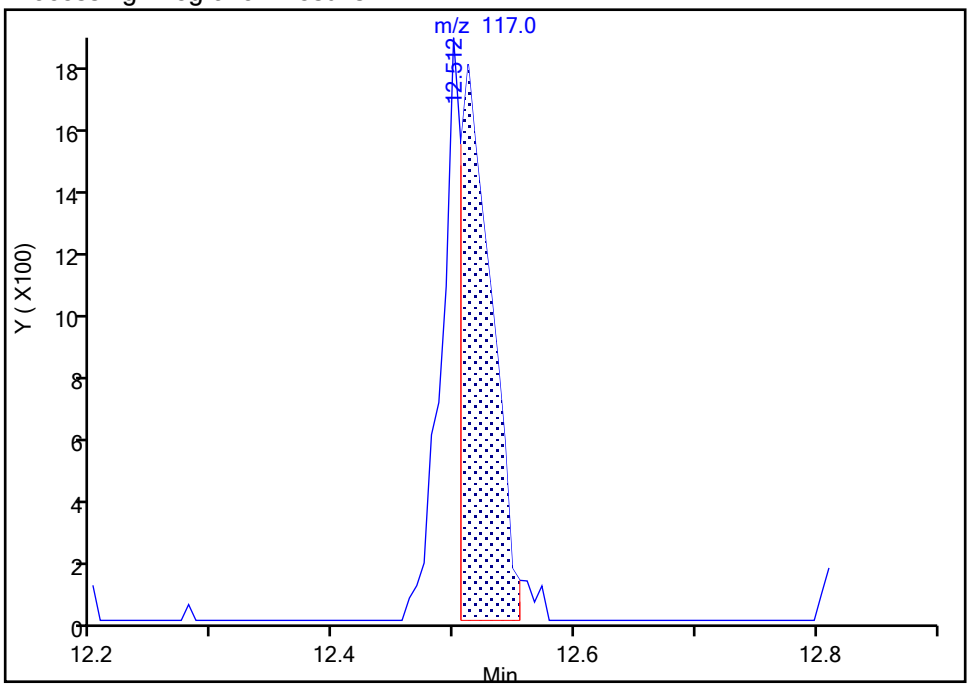
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

122 2,3-Dihydroindene, CAS: 496-11-7

Signal: 1

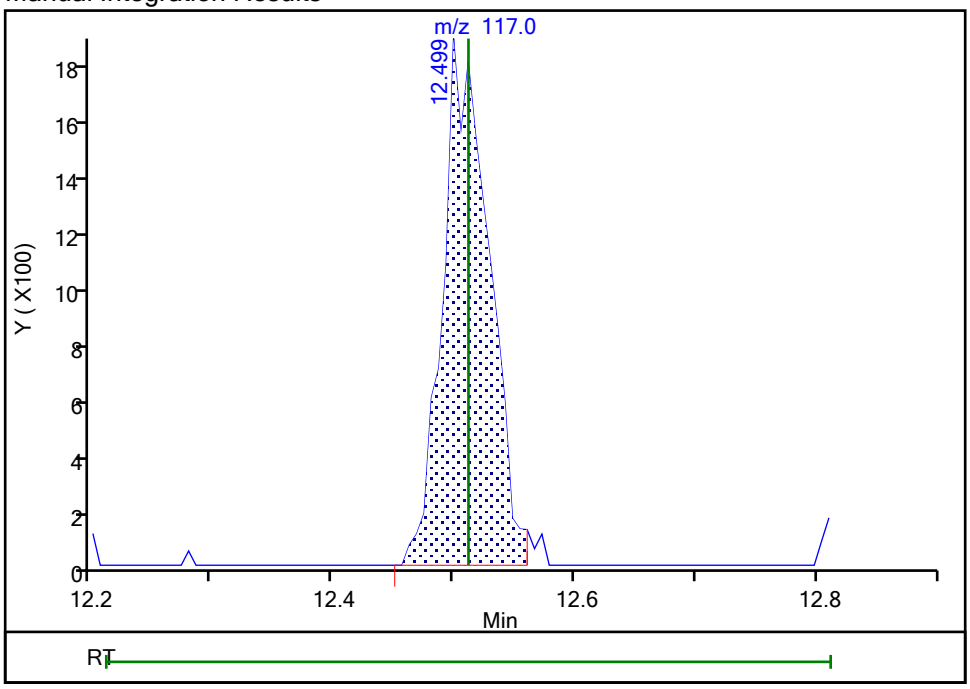
Processing Integration Results

RT: 12.51
Area: 3278
Amount: 0.405085
Amount Units: ug/l



Manual Integration Results

RT: 12.50
Area: 5015
Amount: 1.029551
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:24:08
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85236.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 05-Apr-2022 07:59:30 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0143609-005
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Apr-2022 08:40:36 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: tupayachia Date: 05-Apr-2022 09:45:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.587	0.587	0.000	27	1089	5.00	5.20	a
2 1,1-Difluoroethane	51	0.642	0.636	0.006	88	35619	5.00	5.74	
3 Dichlorodifluoromethane	85	0.642	0.648	-0.006	45	17405	5.00	4.36	
4 Chlorodifluoromethane	67	0.642	0.648	-0.006	95	3050	5.00	4.98	
5 Chloromethane	50	0.721	0.721	0.000	99	30528	5.00	5.42	
6 Butadiene	54	0.758	0.764	-0.006	93	18263	5.00	5.20	
7 Vinyl chloride	62	0.764	0.764	0.000	97	21071	5.00	5.54	
8 Bromomethane	94	0.892	0.898	-0.006	97	12312	5.00	5.88	
9 Chloroethane	64	0.910	0.910	0.000	100	10384	5.00	5.26	
10 Dichlorofluoromethane	67	1.008	1.008	0.000	64	26978	5.00	5.50	
12 Pentane	72	1.020	1.014	0.006	97	4357	10.0	10.7	
11 Trichlorofluoromethane	101	1.038	1.032	0.006	97	19768	5.00	5.39	M
14 Ethanol	46	1.105	1.112	-0.007	47	2313	200.0	195.3	M
13 Ethyl ether	59	1.118	1.118	0.000	67	10309	5.00	5.91	
15 2-Methyl-1,3-butadiene	53	1.130	1.130	0.000	97	9623	5.00	4.35	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.148	1.166	-0.018	78	10915	5.00	5.33	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.166	1.173	-0.007	48	18318	5.00	5.28	Ma
18 Acrolein	56	1.179	1.179	0.000	98	48588	202.8	201.8	
19 1,1-Dichloroethene	96	1.227	1.221	0.006	93	9788	5.00	5.00	
21 Acetone	43	1.258	1.258	0.000	87	22682	25.0	27.5	
20 112TCTFE	101	1.282	1.270	0.012	85	11680	5.00	5.08	Ma
22 Iodomethane	142	1.288	1.294	-0.006	99	19130	5.00	5.44	
23 Carbon disulfide	76	1.325	1.325	0.000	100	41514	5.00	5.02	
24 Isopropyl alcohol	45	1.343	1.374	-0.031	24	11098	50.0	43.9	a
25 3-Chloro-1-propene	39	1.410	1.410	0.000	89	17721	5.00	4.96	
26 Methyl acetate	43	1.422	1.422	0.000	99	17276	10.0	10.0	
27 Acetonitrile	39	1.441	1.447	-0.006	58	10073	50.0	50.9	
28 Methylene Chloride	84	1.477	1.471	0.006	97	13652	5.00	5.38	
* 29 TBA-d9 (IS)	65	1.538	1.550	-0.012	0	344984	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.593	1.611	-0.018	90	16343	50.0	47.9	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.624	1.618	0.006	93	47995	50.0	53.2	
32 trans-1,2-Dichloroethene	96	1.636	1.630	0.006	98	11678	5.00	5.15	
33 Methyl tert-butyl ether	73	1.660	1.648	0.012	96	34485	5.00	5.45	
34 Hexane	57	1.800	1.807	-0.007	94	17623	5.00	4.67	
35 1,1-Dichloroethane	63	1.886	1.886	0.000	99	24756	5.00	5.19	
36 Vinyl acetate	86	1.935	1.941	-0.006	99	3281	10.0	10.2	
37 2-Chloro-1,3-butadiene	88	1.941	1.947	-0.006	65	9954	5.00	4.76	
38 Isopropyl ether	45	1.971	1.971	0.000	91	45871	5.00	5.11	
39 Tert-butyl ethyl ether	87	2.233	2.227	0.006	85	11853	5.00	4.64	
* 40 2-Butanone-d5	46	2.282	2.288	-0.006	0	307394	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.300	2.300	0.000	88	12123	5.00	5.22	
42 2,2-Dichloropropane	79	2.313	2.300	0.013	77	6148	5.00	4.93	a
43 2-Butanone (MEK)	72	2.337	2.331	0.006	97	6212	25.0	24.3	
44 Propionitrile	54	2.361	2.374	-0.013	94	15722	50.0	47.7	
45 Ethyl acetate	70	2.410	2.404	0.006	98	2182	10.0	10.5	
62 Methyl acrylate	55	2.416	2.416	0.000	98	11226	5.00	5.08	M
46 Chlorobromomethane	128	2.477	2.477	0.000	50	5538	5.00	5.14	
47 Methacrylonitrile	67	2.489	2.483	0.006	93	39932	50.0	50.0	
48 Tetrahydrofuran	72	2.538	2.526	0.012	50	2674	10.0	9.93	M
49 Chloroform	83	2.569	2.569	0.000	97	19996	5.00	5.04	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.697	0.000	95	108878	50.0	50.2	
51 1,1,1-Trichloroethane	97	2.709	2.703	0.006	85	16640	5.00	4.77	
52 Cyclohexane	84	2.752	2.745	0.007	97	14956	5.00	4.29	
54 1,1-Dichloropropene	75	2.843	2.843	0.000	90	14190	5.00	4.75	
53 Carbon tetrachloride	117	2.849	2.855	-0.006	77	13751	5.00	4.71	M
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	131698	50.0	51.2	
56 Benzene	78	3.026	3.026	0.000	97	43784	5.00	5.54	
57 1,2-Dichloroethane	62	3.050	3.050	0.000	96	15112	5.00	5.21	
58 Isobutyl alcohol	42	3.136	3.123	0.013	49	6162	125.0	78.2	
59 Tert-amyl methyl ether	73	3.197	3.197	0.001	87	30506	5.00	4.36	
73 Isopropyl acetate	43	3.209	3.209	0.000	88	37636	5.00	4.50	
* 60 Fluorobenzene	96	3.318	3.318	0.000	98	440774	50.0	50.0	
61 n-Heptane	43	3.367	3.373	-0.006	90	20826	5.00	4.55	
63 Trichloroethene	95	3.709	3.709	0.000	96	10062	5.00	4.94	
64 n-Butanol	43	3.904	3.879	0.025	47	659	125.0	24.4	M
65 Methylcyclohexane	83	3.922	3.922	0.000	89	16113	5.00	4.03	
66 Ethyl acrylate	55	3.922	3.922	0.000	91	24752	5.00	4.17	
67 1,2-Dichloropropane	63	3.946	3.952	-0.006	85	11114	5.00	4.82	
68 Dibromomethane	93	4.074	4.087	-0.013	90	6079	5.00	5.25	a
* 69 1,4-Dioxane-d8	96	4.141	4.111	0.030	0	17618	1000.0	1000.0	
70 1,4-Dioxane	88	4.184	4.178	0.006	26	1791	100.0	106.8	Ma
71 Methyl methacrylate	100	4.227	4.221	0.006	90	3224	10.0	8.10	M
72 Dichlorobromomethane	83	4.318	4.324	-0.006	97	12786	5.00	4.85	
81 n-Propyl acetate	43	4.343	4.337	0.006	57	10161	5.00	3.91	a
74 2-Nitropropane	41	4.635	4.635	0.000	96	4002	10.0	8.75	
75 2-Chloroethyl vinyl ether	63	4.800	4.806	-0.006	78	2169	5.01	4.28	
76 Epichlorohydrin	57	4.849	4.843	0.006	98	15780	100.0	86.1	
77 cis-1,3-Dichloropropene	75	4.940	4.934	0.006	95	12978	5.00	4.80	
78 4-Methyl-2-pentanone (MIBK)	43	5.239	5.233	0.006	97	46394	25.0	21.5	a
$ 79 Toluene-d8 (Surr)	98	5.281	5.288	-0.007	98	391204	50.0	52.4	
80 Toluene	91	5.379	5.379	0.000	92	40374	5.00	5.26	
82 trans-1,3-Dichloropropene	75	5.800	5.800	0.000	98	10421	5.00	4.65	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.062	6.056	0.006	94	6398	5.00	5.38	
84 Ethyl methacrylate	69	6.080	6.080	0.000	73	7574	5.00	3.84	a
85 Tetrachloroethene	166	6.214	6.208	0.006	90	8202	5.00	4.94	
86 1,3-Dichloropropane	76	6.300	6.300	0.000	95	12501	5.00	5.04	
87 2-Hexanone	43	6.598	6.592	0.006	98	23700	25.0	20.3	M
88 Chlorodibromomethane	129	6.647	6.647	0.000	95	6819	5.00	4.72	
89 Ethylene Dibromide	107	6.763	6.763	0.000	99	6251	5.00	4.86	
90 n-Butyl acetate	43	6.928	6.934	-0.006	99	9944	5.00	4.20	a
* 91 Chlorobenzene-d5	117	7.641	7.647	-0.006	90	257640	50.0	50.0	
92 Chlorobenzene	112	7.690	7.696	-0.006	94	21939	5.00	4.97	
93 1,1,1,2-Tetrachloroethane	131	7.909	7.915	-0.006	90	8530	5.00	5.30	
94 Ethylbenzene	106	7.994	7.994	0.000	99	10717	5.00	4.48	
95 m-Xylene & p-Xylene	106	8.238	8.238	0.000	97	11804	5.00	4.25	
96 o-Xylene	106	8.976	8.982	-0.006	93	12467	5.00	4.47	
97 Styrene	104	9.025	9.019	0.006	96	17468	5.00	4.22	
98 n-Butyl acrylate	73	9.226	9.226	0.000	97	3408	5.00	3.13	
99 Bromoform	173	9.262	9.262	0.000	92	3886	5.00	4.46	
101 Amyl acetate (mixed isomers)	43	9.707	9.707	0.000	59	8635	5.00	3.30	
102 Isopropylbenzene	105	9.726	9.726	0.000	96	32247	5.00	4.27	
$ 103 4-Bromofluorobenzene	174	9.927	9.933	-0.006	88	93539	50.0	49.7	
104 Bromobenzene	156	10.104	10.104	0.000	96	8325	5.00	5.00	
105 1,2,3-Trichloropropane	110	10.329	10.329	0.000	96	2543	5.00	5.46	
106 1,1,2,2-Tetrachloroethane	83	10.348	10.354	-0.006	98	9098	5.00	5.12	
107 trans-1,4-Dichloro-2-butene	53	10.451	10.457	-0.006	72	2357	5.00	4.39	
108 N-Propylbenzene	120	10.476	10.482	-0.006	98	8009	5.00	4.15	
109 2-Chlorotoluene	126	10.512	10.518	-0.006	97	7738	5.00	4.49	
110 4-Ethyltoluene	105	10.701	10.701	0.000	98	30584	5.00	4.39	
111 4-Chlorotoluene	91	10.726	10.726	0.000	99	28208	5.00	4.62	
112 1,3,5-Trimethylbenzene	105	10.835	10.835	0.000	92	25991	5.00	4.27	
100 Butyl Methacrylate	87	11.207	11.219	-0.012	91	5448	5.00	2.99	
113 tert-Butylbenzene	119	11.366	11.360	0.006	91	19657	5.00	4.11	
114 1,2,4-Trimethylbenzene	105	11.451	11.451	0.000	98	25855	5.00	4.27	
115 sec-Butylbenzene	105	11.756	11.756	0.000	98	31097	5.00	3.96	
116 1,3-Dichlorobenzene	146	11.817	11.817	0.000	93	15874	5.00	4.72	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	97	133799	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.000	12.006	-0.006	90	16712	5.00	4.84	
119 4-Isopropyltoluene	119	12.085	12.085	0.000	97	28324	5.00	4.26	
120 1,2,3-Trimethylbenzene	105	12.176	12.189	-0.013	98	27270	5.00	4.21	
121 Benzyl chloride	126	12.335	12.341	-0.006	97	1914	5.00	3.37	
122 2,3-Dihydroindene	117	12.506	12.512	-0.006	92	25726	5.00	4.22	
123 1,2-Dichlorobenzene	146	12.695	12.695	0.000	94	15557	5.00	4.87	
124 p-Diethylbenzene	119	12.829	12.829	0.000	92	13632	5.00	4.18	a
125 n-Butylbenzene	92	12.853	12.853	0.000	97	15758	5.00	4.32	
126 1,2-Dibromo-3-Chloropropane	157	13.609	13.609	0.000	87	1590	5.00	5.09	
127 1,2,4,5-Tetramethylbenzene	119	13.646	13.646	0.000	98	19444	5.00	4.13	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	97	12020	5.00	4.78	
129 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	94	10768	5.00	4.92	
130 Hexachlorobutadiene	225	14.383	14.383	0.000	92	5110	5.00	4.28	
131 Naphthalene	128	14.383	14.389	-0.006	99	21307	5.00	4.28	
132 1,2,3-Trichlorobenzene	180	14.548	14.548	0.000	94	10393	5.00	4.84	
S 133 1,2-Dichloroethene, Total	100				0		10.0	10.4	
S 134 1,3-Dichloropropene, Total	100				0		10.0	9.45	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		10.0	8.72	
S 136 Total BTEX	1				0		25.0	24.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00138	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00152	Amount Added:	5.00	Units: uL	
524freon_00050	Amount Added:	5.00	Units: uL	
GASES Li_00469	Amount Added:	5.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

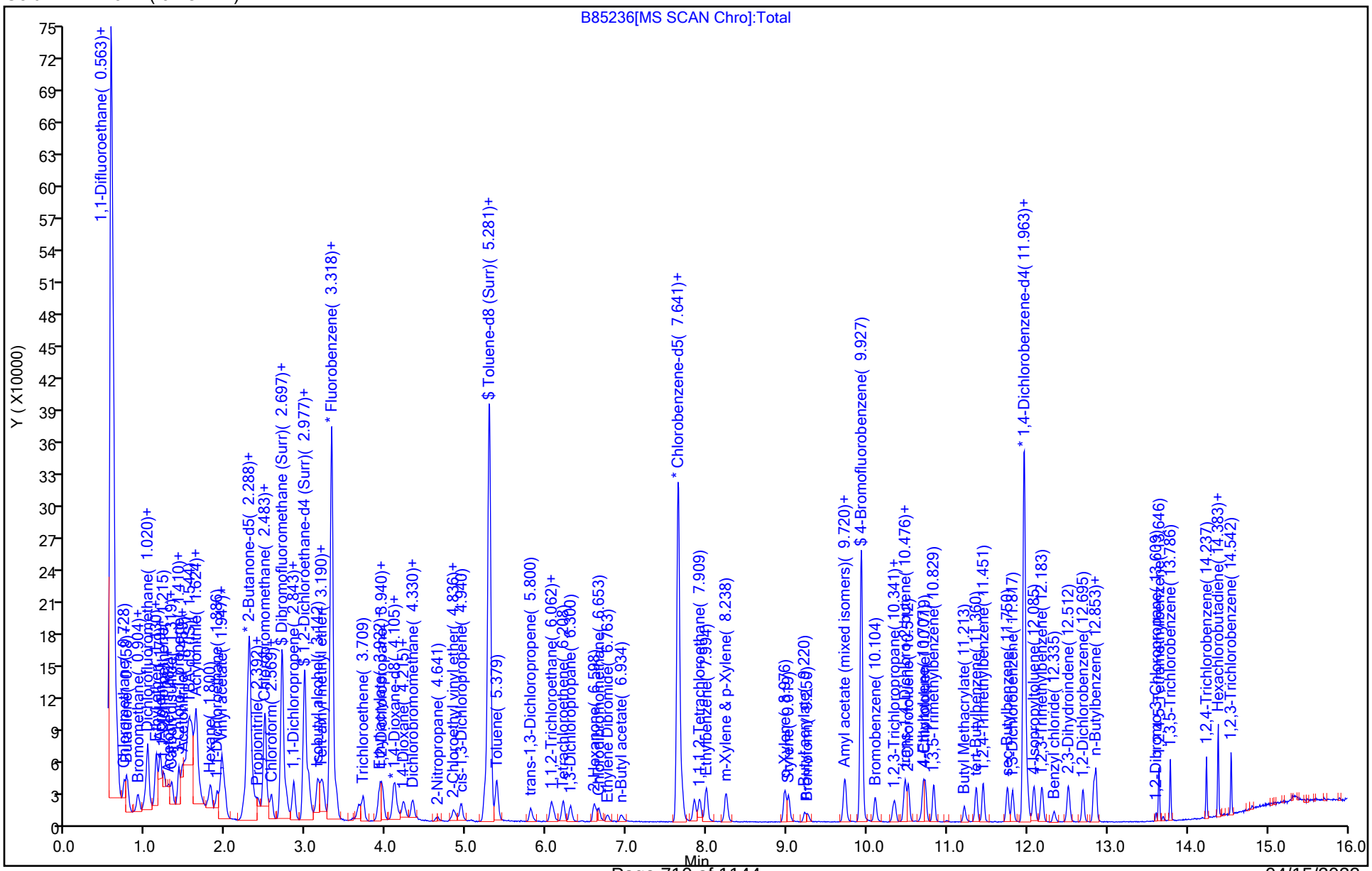
Report Date: 06-Apr-2022 08:40:37 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85236.D

Injection Date:	05-Apr-2022 07:59:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison

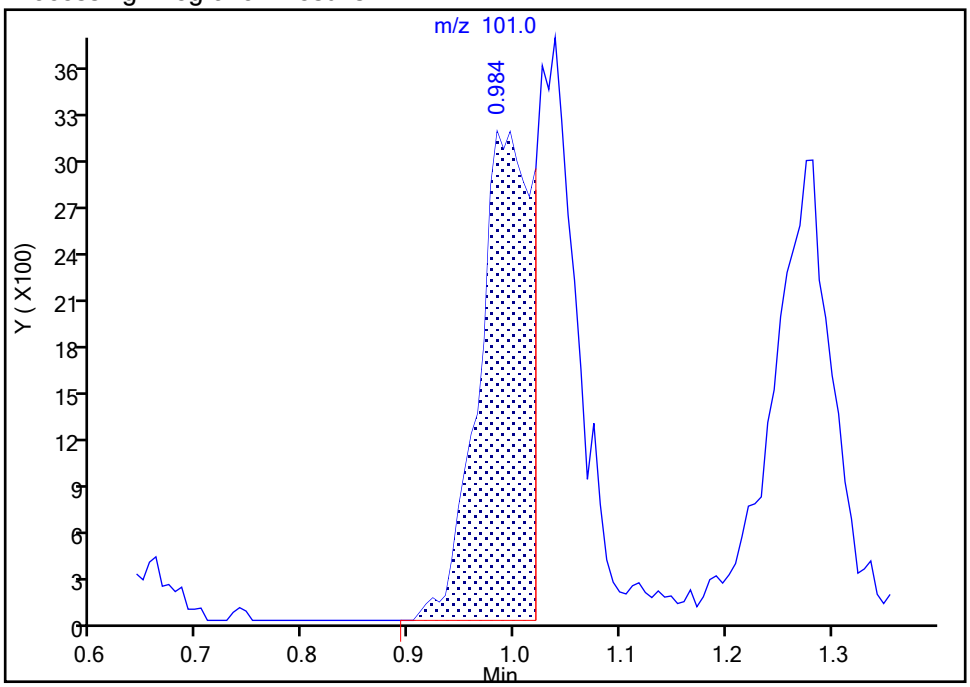
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85236.D
Injection Date: 05-Apr-2022 07:59:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

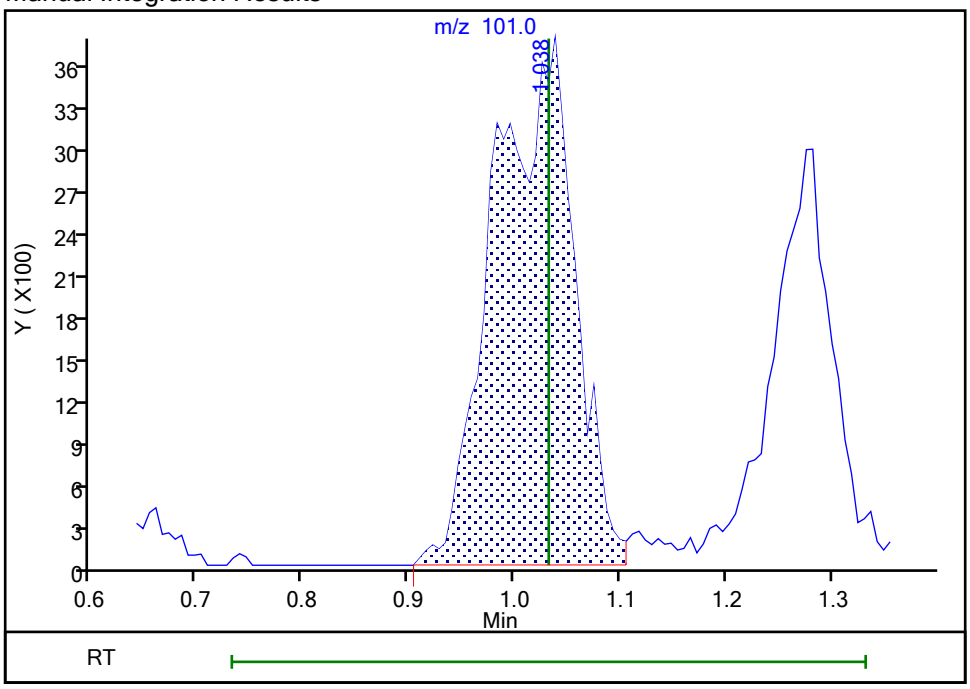
Processing Integration Results

RT: 0.98
Area: 11020
Amount: 2.906662
Amount Units: ug/l



Manual Integration Results

RT: 1.04
Area: 19768
Amount: 5.385762
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:26:03
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

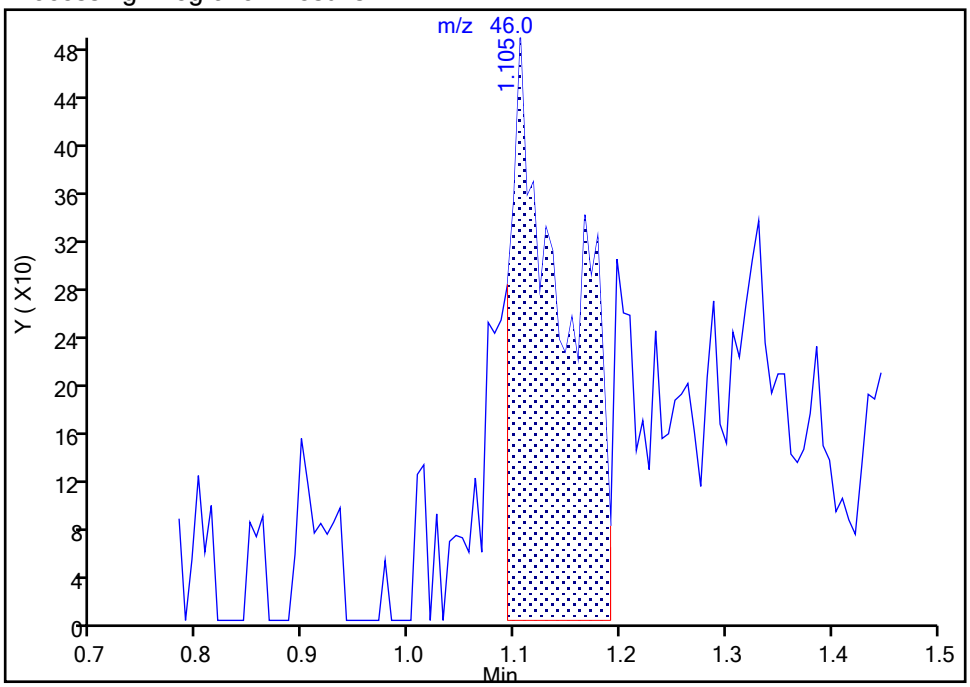
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85236.D
Injection Date: 05-Apr-2022 07:59:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

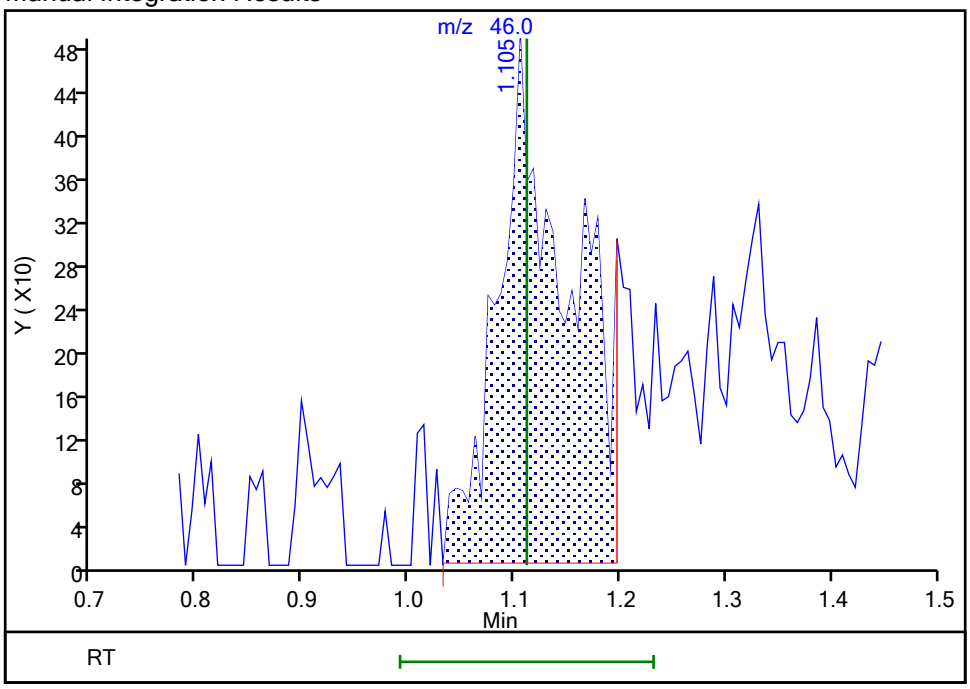
Processing Integration Results

RT: 1.11
Area: 1791
Amount: 163.1693
Amount Units: ug/l



Manual Integration Results

RT: 1.11
Area: 2313
Amount: 195.2699
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:26:14
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

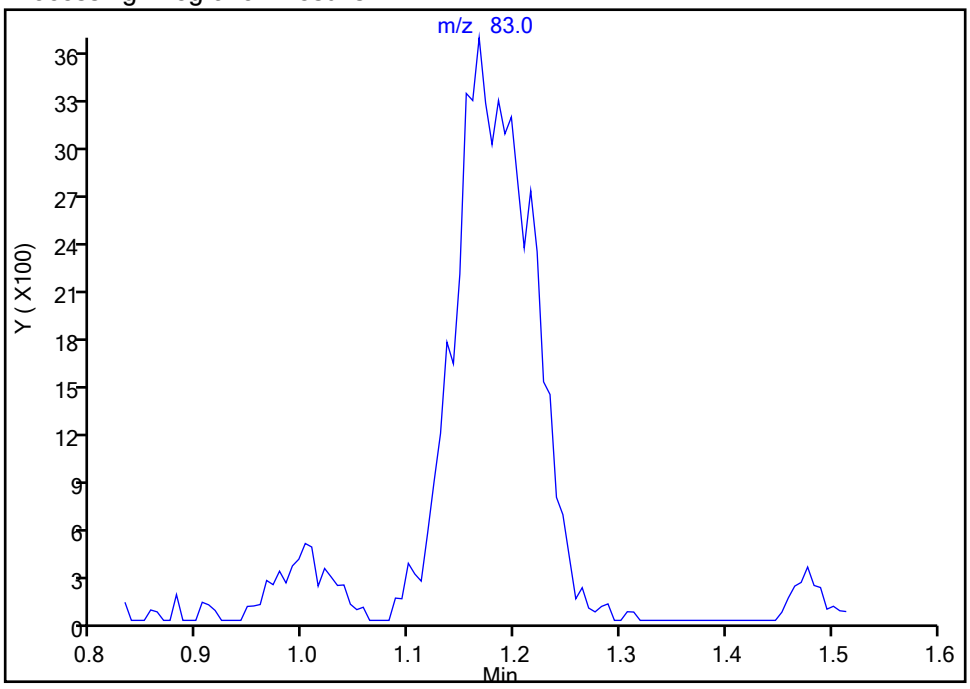
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85236.D
Injection Date: 05-Apr-2022 07:59:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

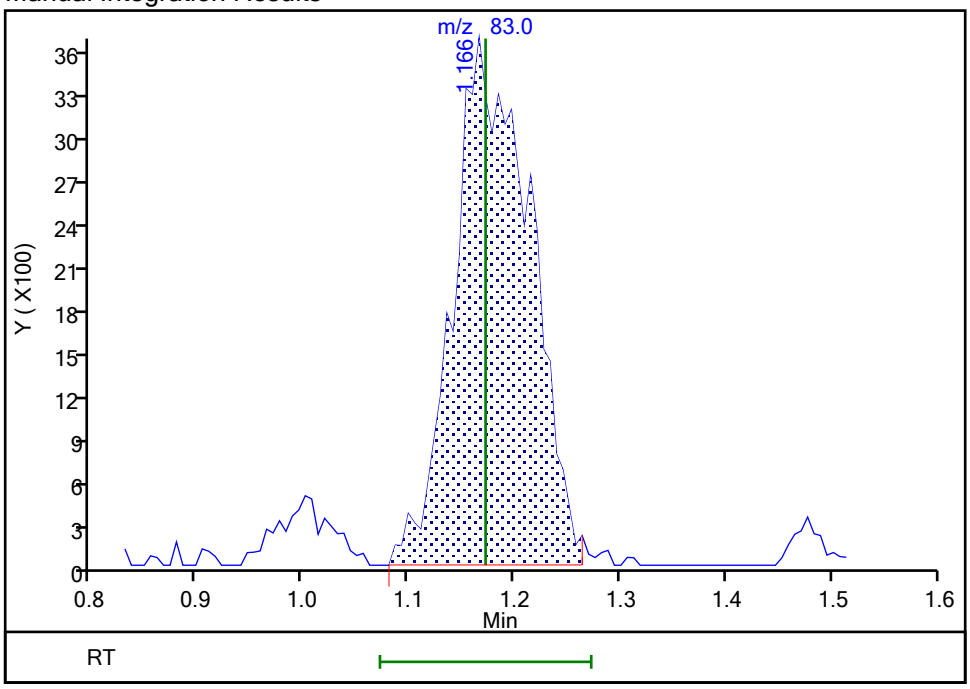
Not Detected
Expected RT: 1.17

Processing Integration Results



Manual Integration Results

RT: 1.17
Area: 18318
Amount: 5.279876
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:26:30
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

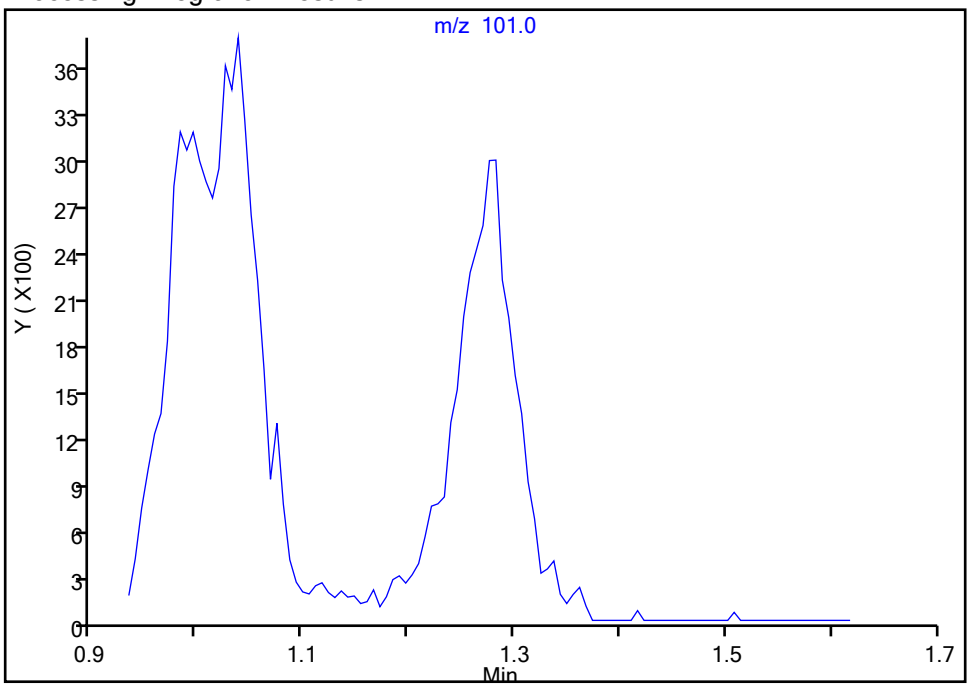
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85236.D
Injection Date: 05-Apr-2022 07:59:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

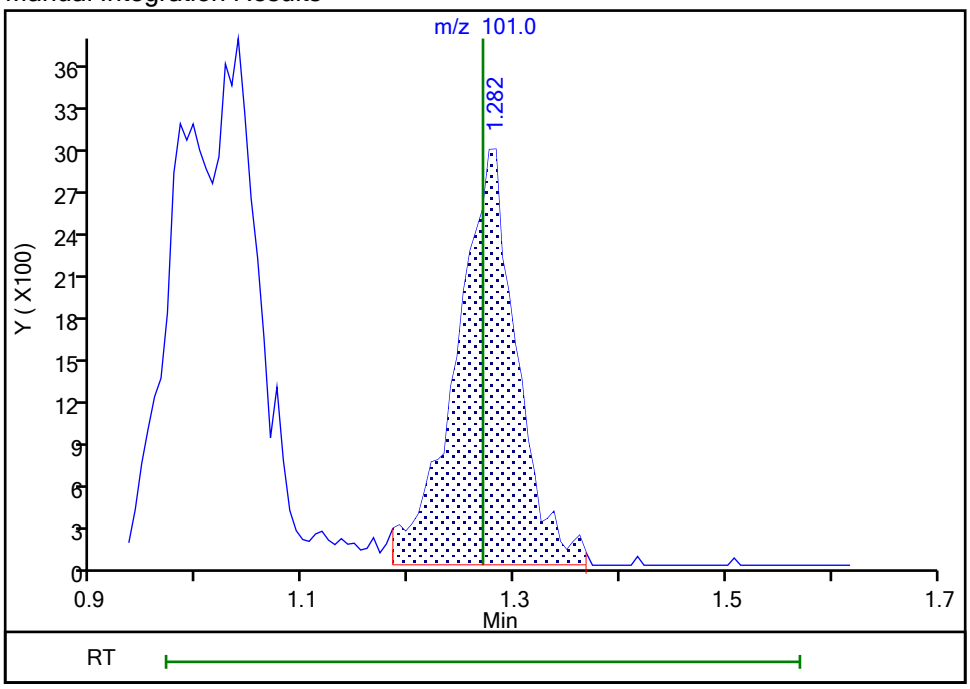
Not Detected
Expected RT: 1.27

Processing Integration Results



Manual Integration Results

RT: 1.28
Area: 11680
Amount: 5.084699
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:26:50
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

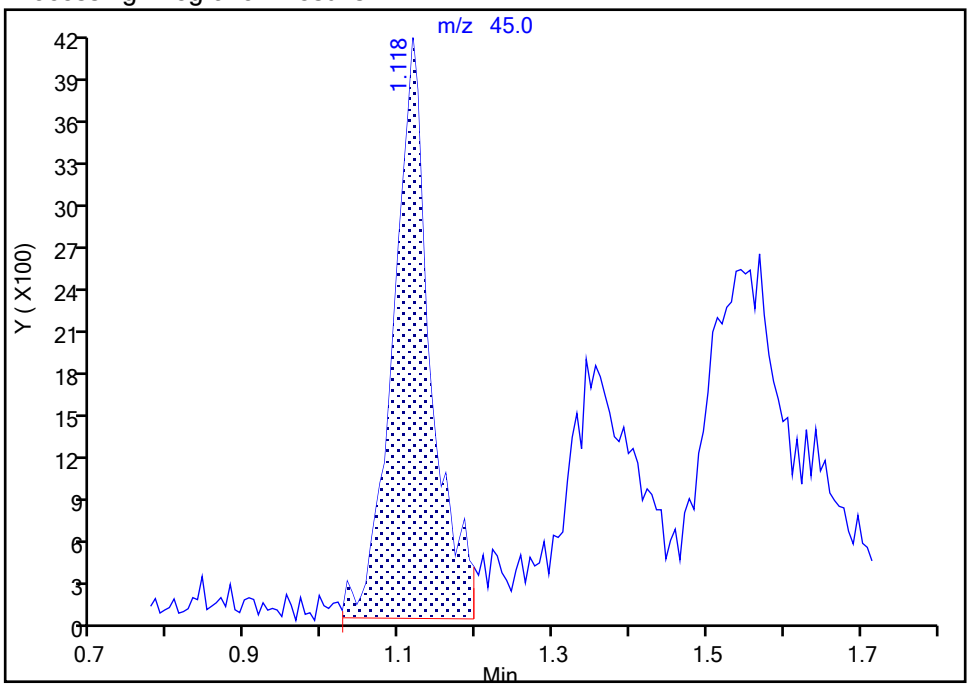
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85236.D
Injection Date: 05-Apr-2022 07:59:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

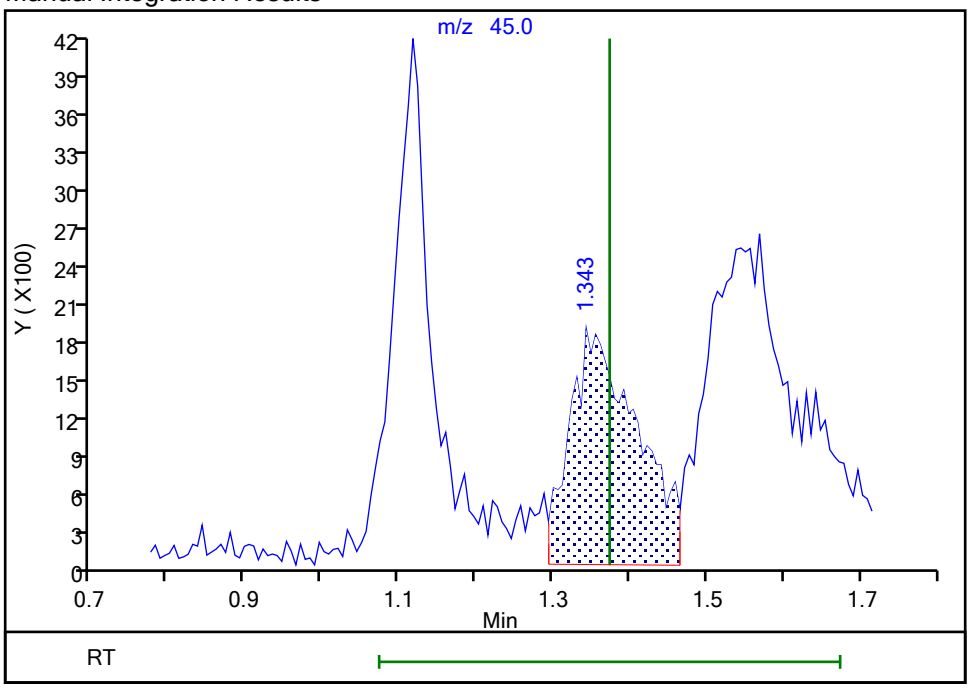
Processing Integration Results

RT: 1.12
Area: 13694
Amount: 51.430594
Amount Units: ug/l



Manual Integration Results

RT: 1.34
Area: 11098
Amount: 43.871774
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:26:57
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

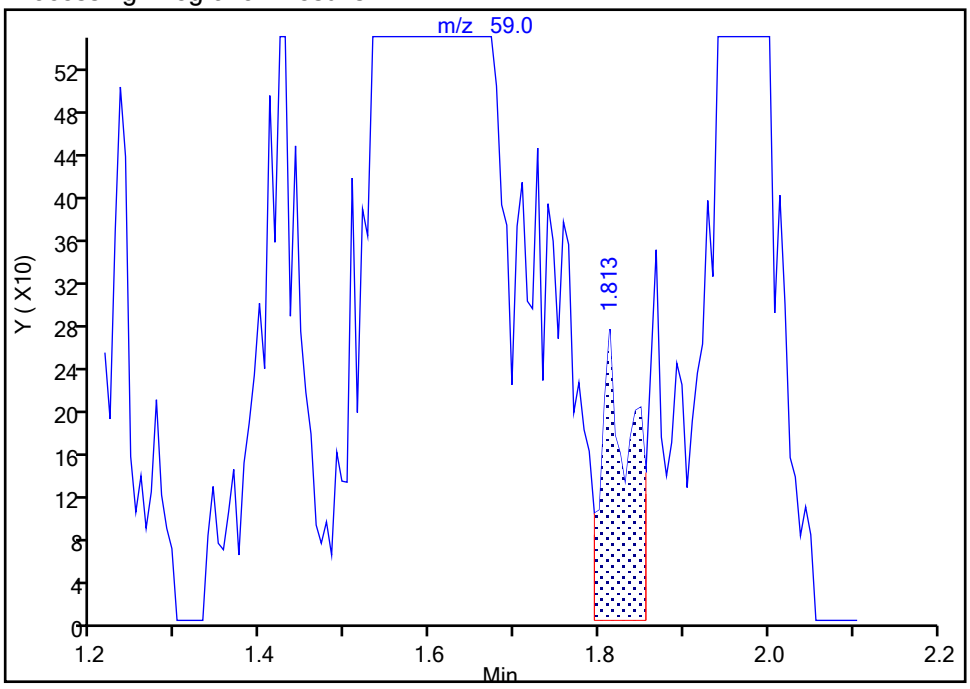
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85236.D
Injection Date: 05-Apr-2022 07:59:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

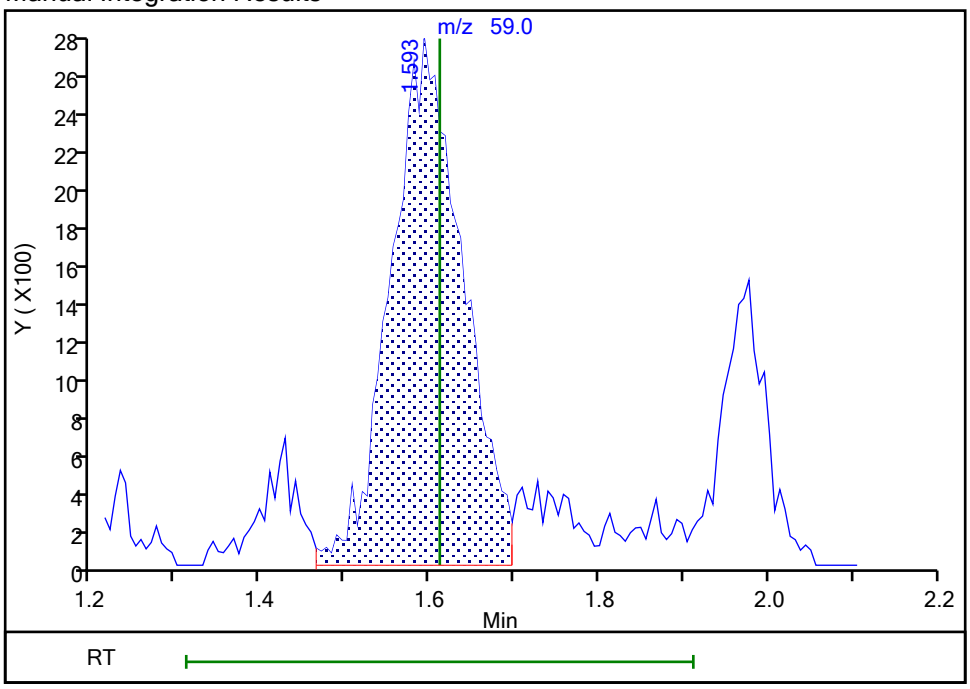
Processing Integration Results

RT: 1.81
Area: 673
Amount: 2.286728
Amount Units: ug/l



Manual Integration Results

RT: 1.59
Area: 16343
Amount: 47.904144
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:27:03
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

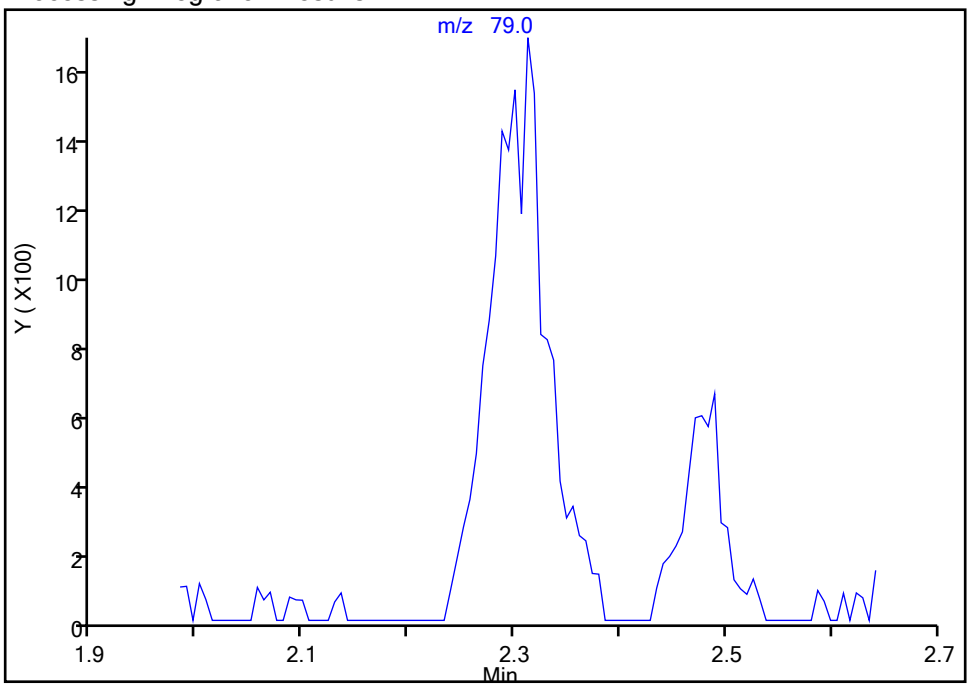
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85236.D
Injection Date: 05-Apr-2022 07:59:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

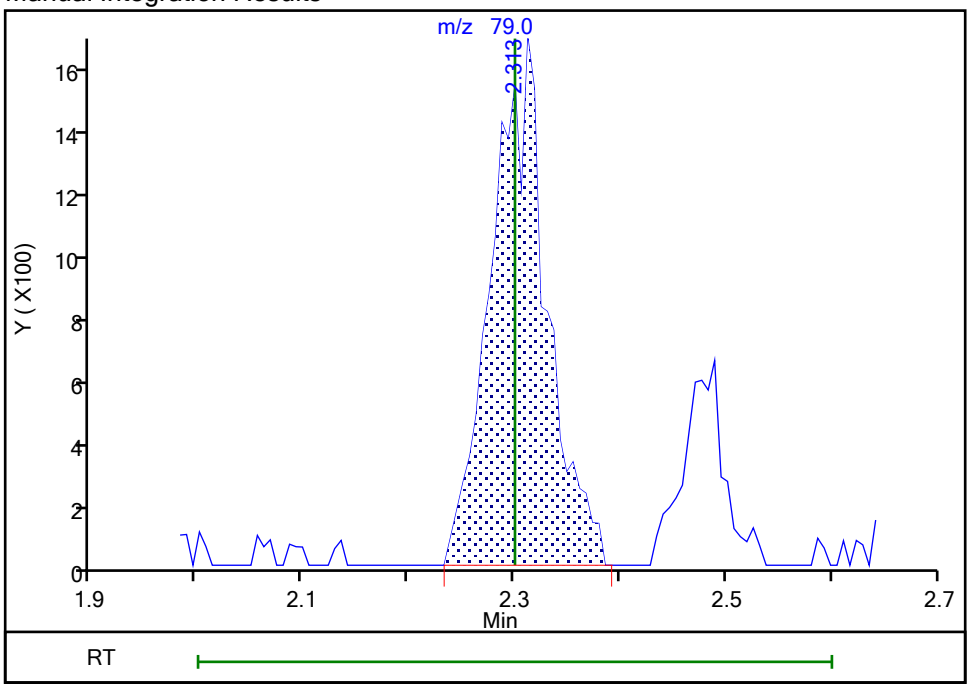
Not Detected
Expected RT: 2.30

Processing Integration Results



Manual Integration Results

RT: 2.31
Area: 6148
Amount: 4.933816
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:27:16
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

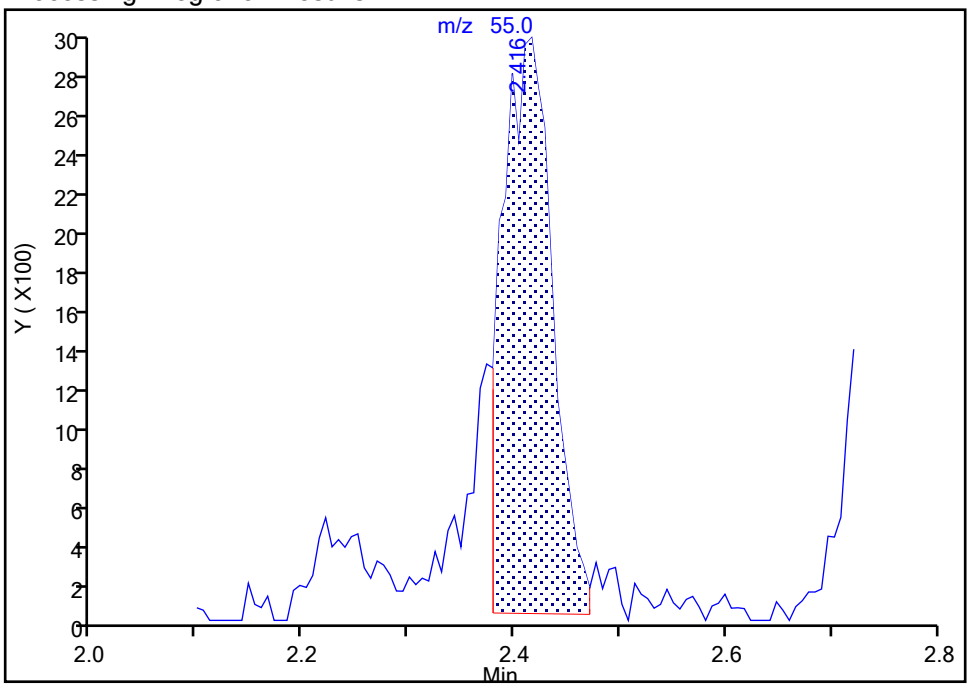
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85236.D
Injection Date: 05-Apr-2022 07:59:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

62 Methyl acrylate, CAS: 96-33-3

Signal: 1

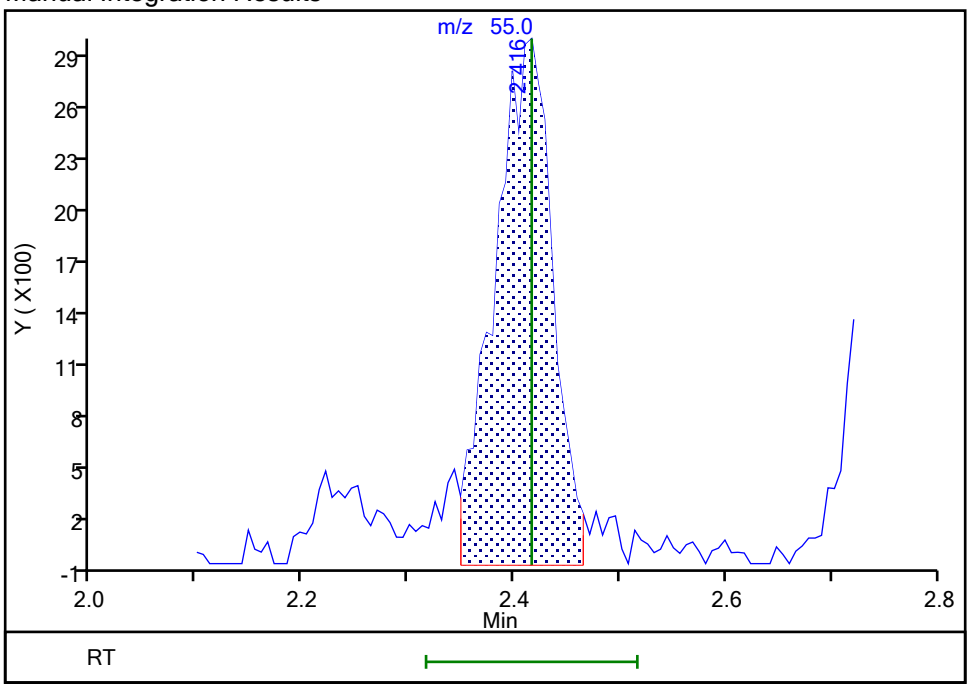
Processing Integration Results

RT: 2.42
Area: 9530
Amount: 4.419880
Amount Units: ug/l



Manual Integration Results

RT: 2.42
Area: 11226
Amount: 5.075758
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:27:29
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

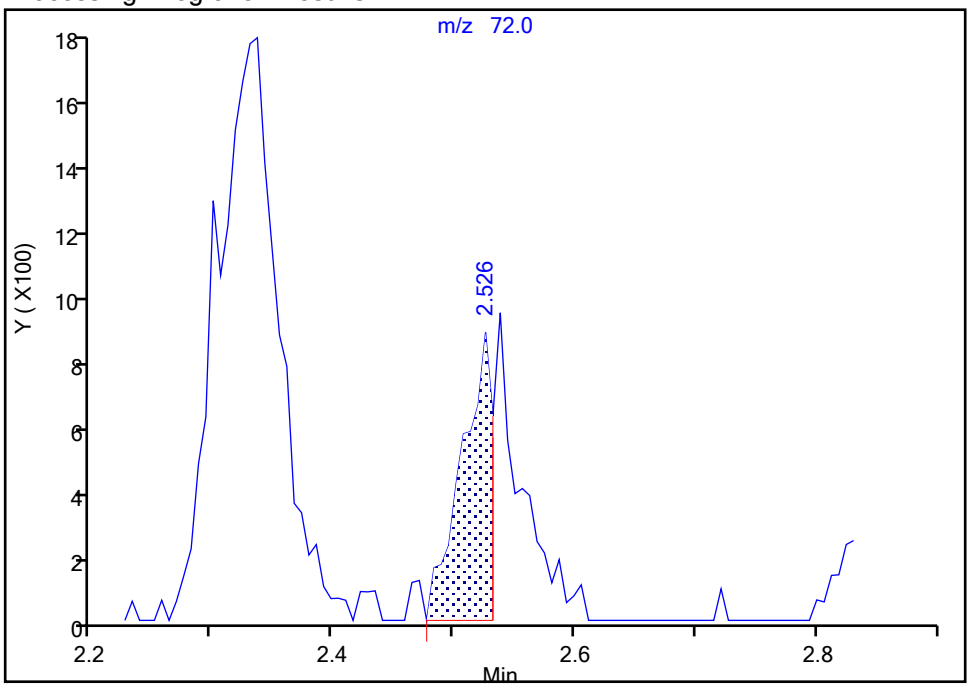
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85236.D
Injection Date: 05-Apr-2022 07:59:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

48 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

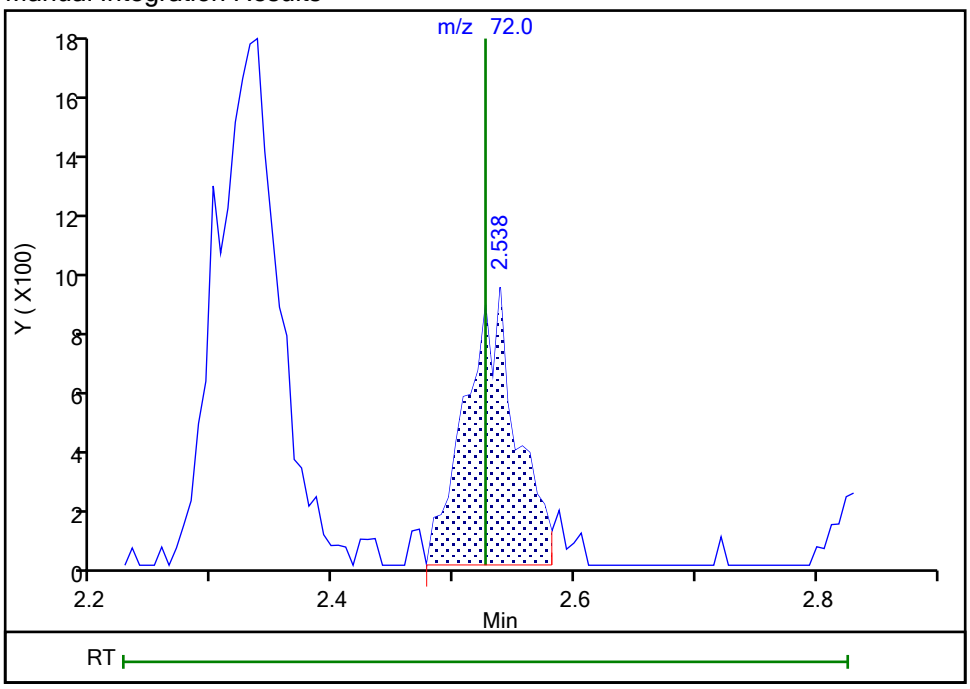
Processing Integration Results

RT: 2.53
Area: 1530
Amount: 5.546429
Amount Units: ug/l



Manual Integration Results

RT: 2.54
Area: 2674
Amount: 9.931273
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:27:39
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

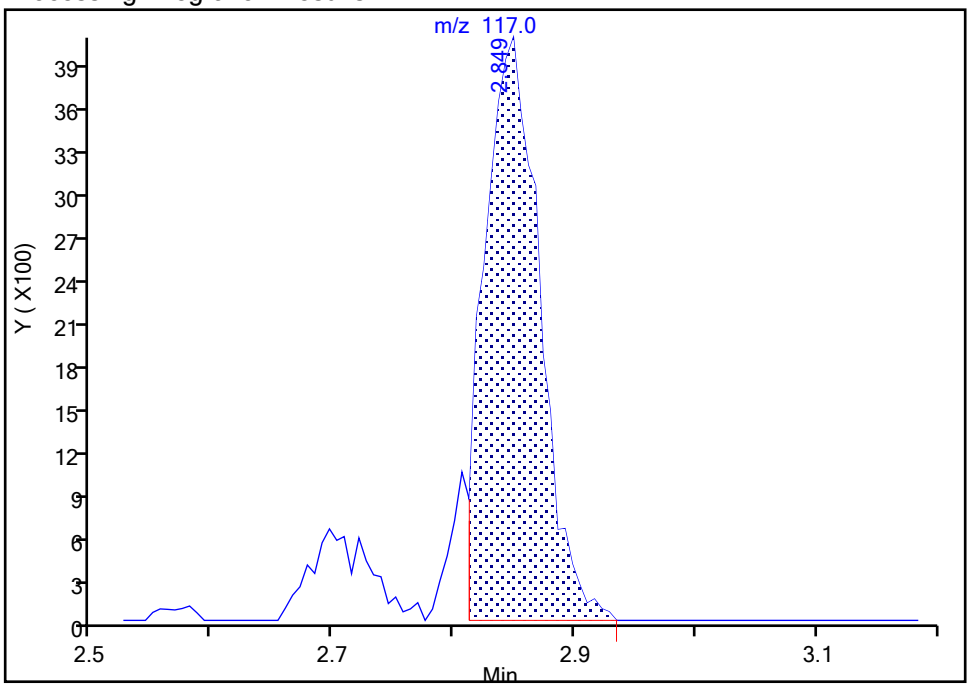
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85236.D
Injection Date: 05-Apr-2022 07:59:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

53 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

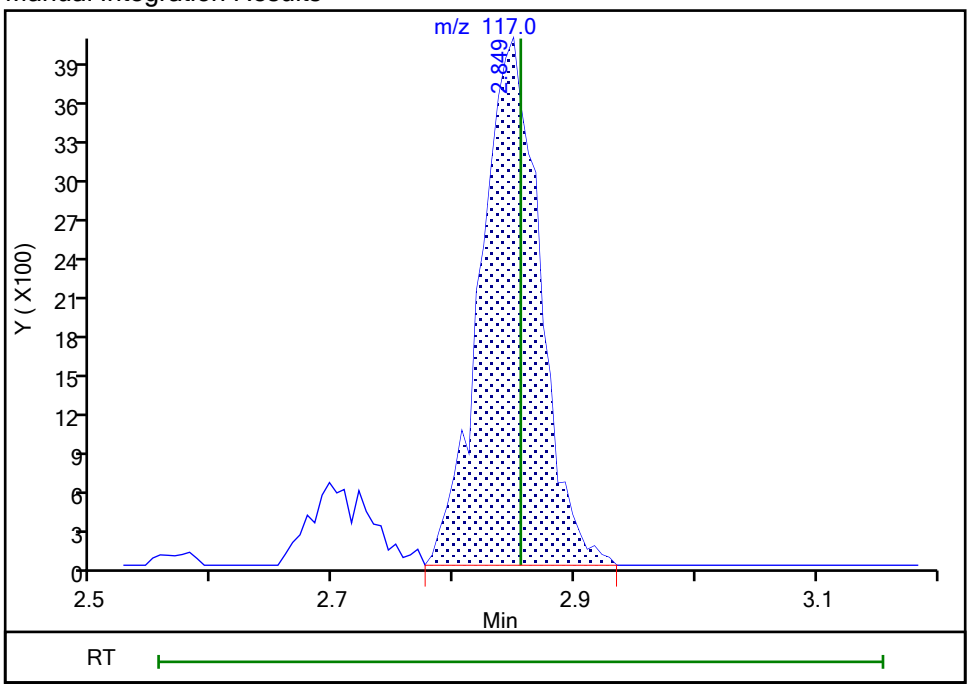
Processing Integration Results

RT: 2.85
Area: 12836
Amount: 4.444619
Amount Units: ug/l



Manual Integration Results

RT: 2.85
Area: 13751
Amount: 4.713858
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:27:50
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

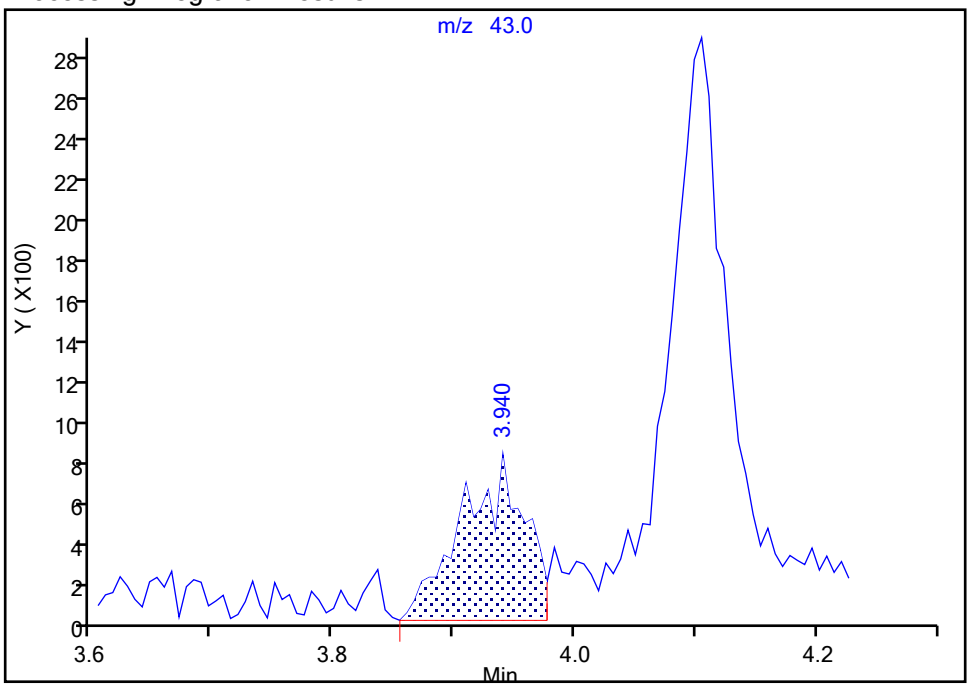
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85236.D
Injection Date: 05-Apr-2022 07:59:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 n-Butanol, CAS: 71-36-3

Signal: 1

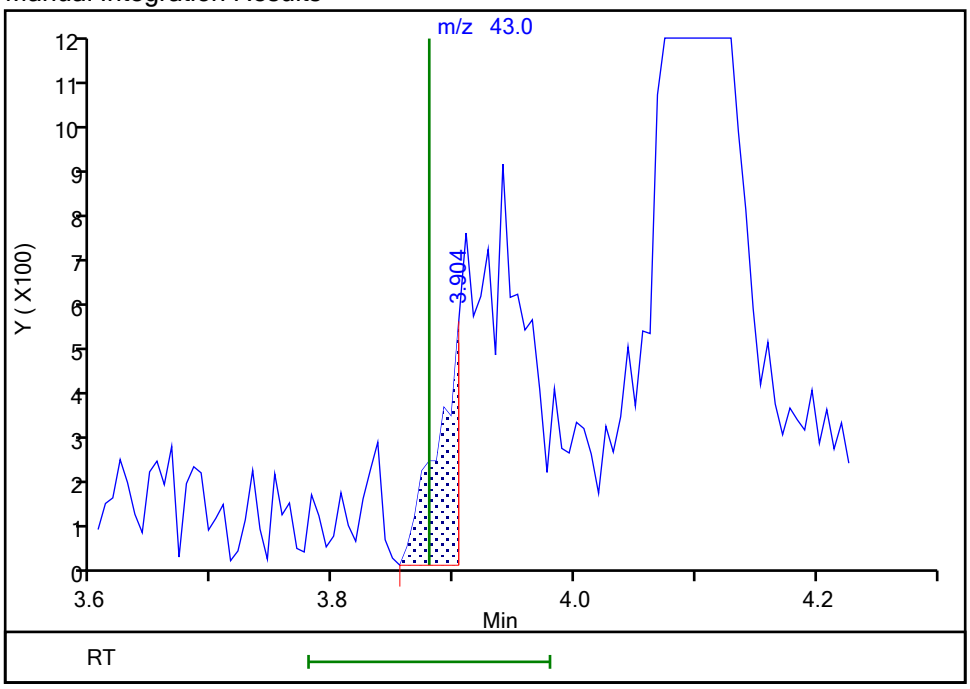
Processing Integration Results

RT: 3.94
Area: 2857
Amount: 67.081944
Amount Units: ug/l



Manual Integration Results

RT: 3.90
Area: 659
Amount: 24.367056
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:28:05
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

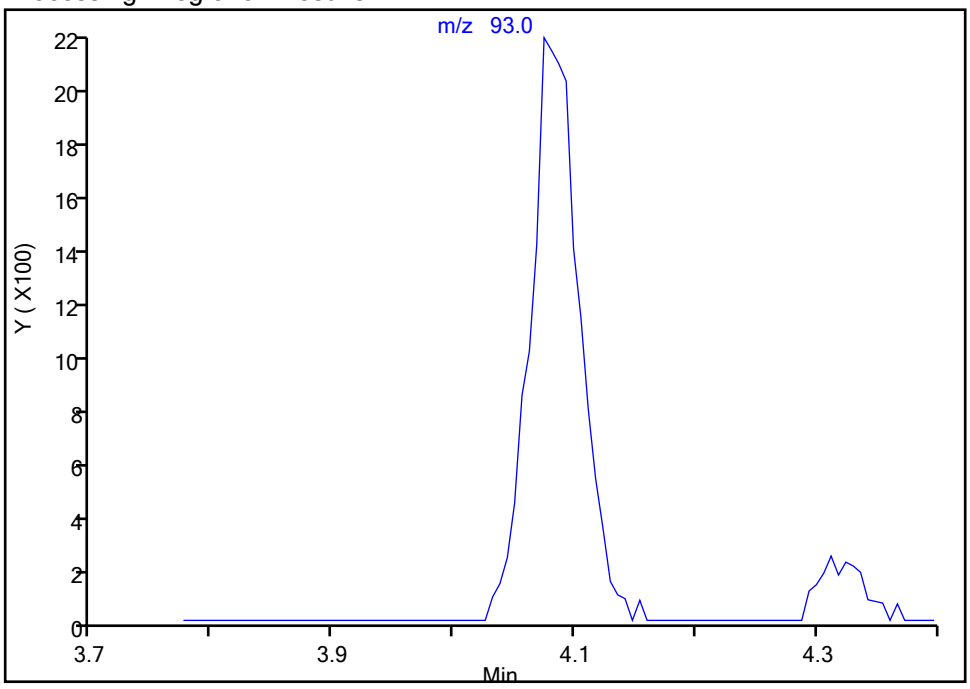
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85236.D
Injection Date: 05-Apr-2022 07:59:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

68 Dibromomethane, CAS: 74-95-3

Signal: 1

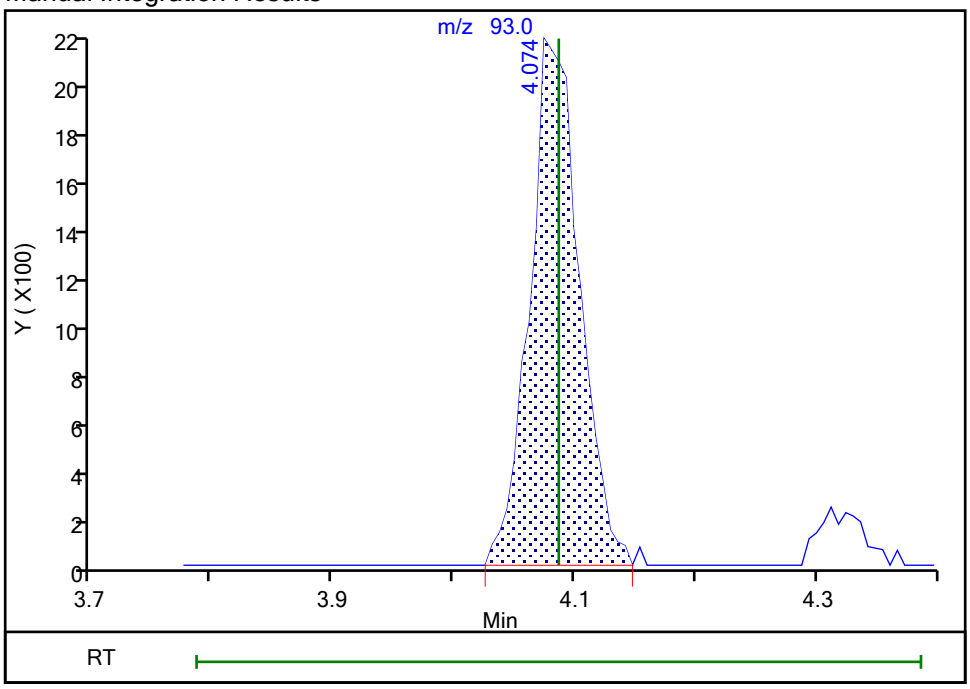
Not Detected
Expected RT: 4.09

Processing Integration Results



Manual Integration Results

RT: 4.07
Area: 6079
Amount: 5.245923
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:28:13
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

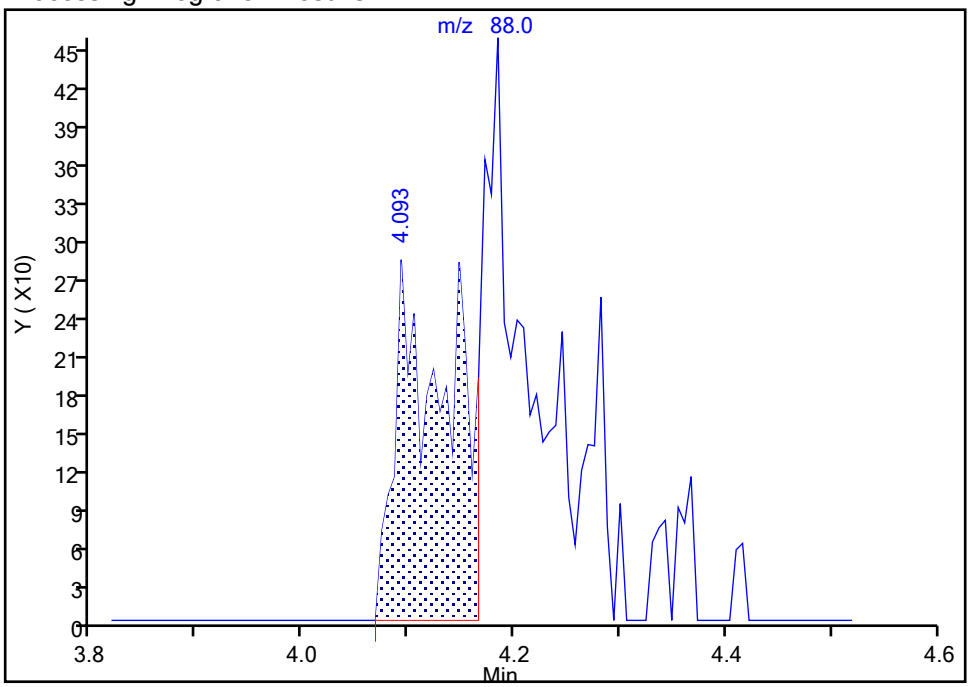
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85236.D
Injection Date: 05-Apr-2022 07:59:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

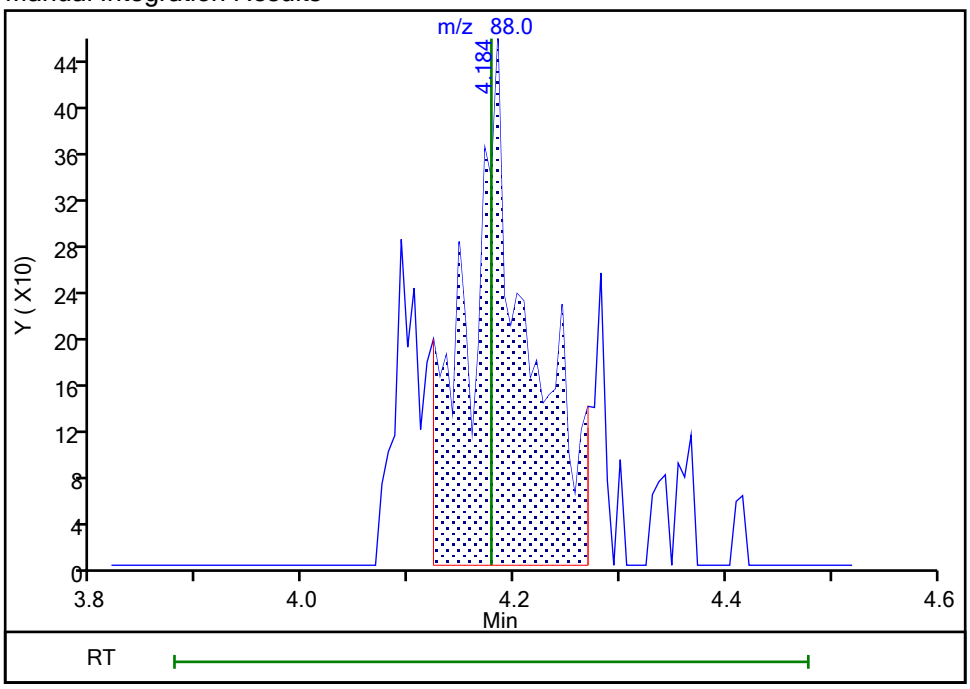
Processing Integration Results

RT: 4.09
Area: 997
Amount: 57.945268
Amount Units: ug/l



Manual Integration Results

RT: 4.18
Area: 1791
Amount: 106.8226
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:28:29
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

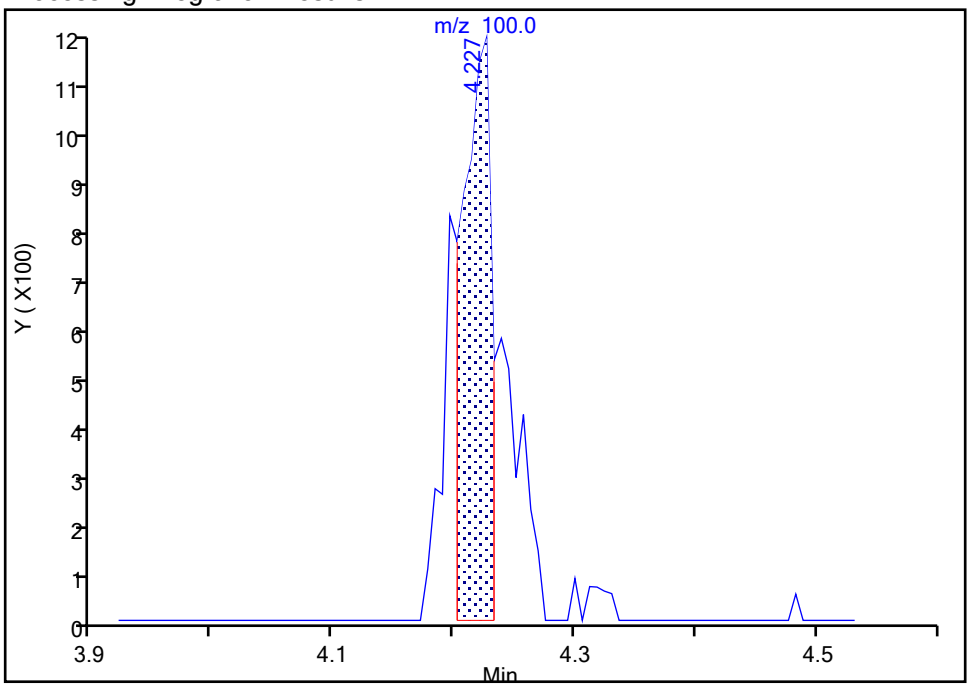
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85236.D
Injection Date: 05-Apr-2022 07:59:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

71 Methyl methacrylate, CAS: 80-62-6

Signal: 1

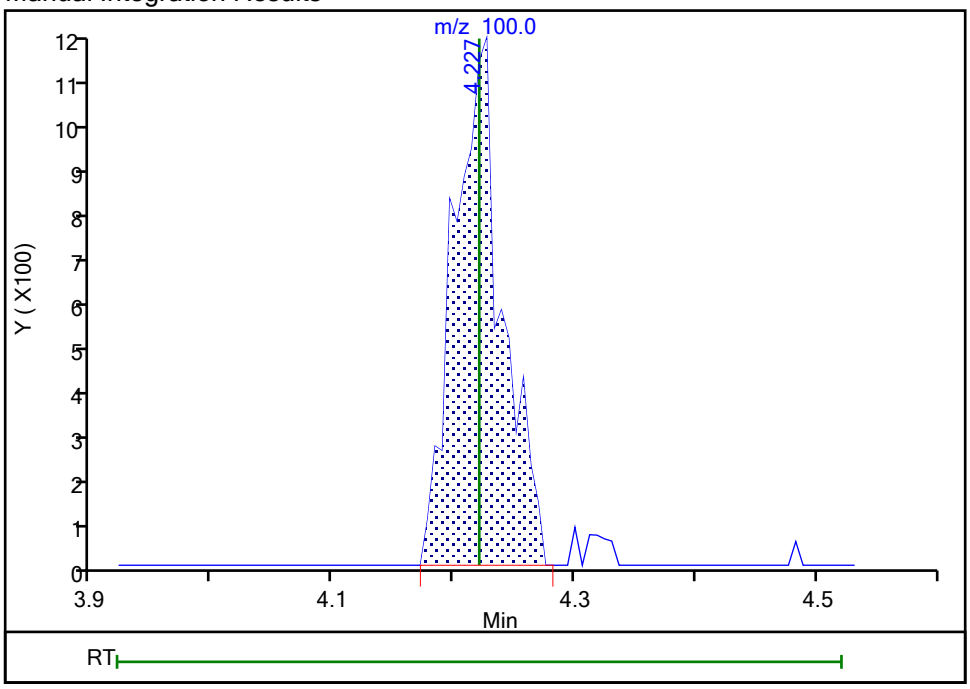
Processing Integration Results

RT: 4.23
Area: 1936
Amount: 4.655994
Amount Units: ug/l



Manual Integration Results

RT: 4.23
Area: 3224
Amount: 8.103645
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:28:40
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

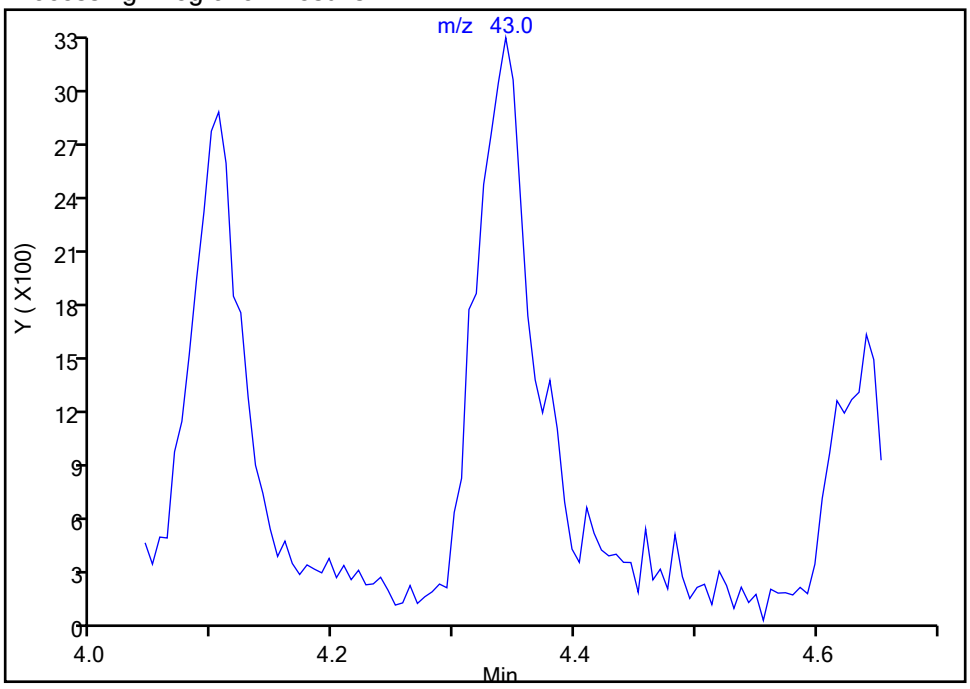
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85236.D
Injection Date: 05-Apr-2022 07:59:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

81 n-Propyl acetate, CAS: 109-60-4

Signal: 1

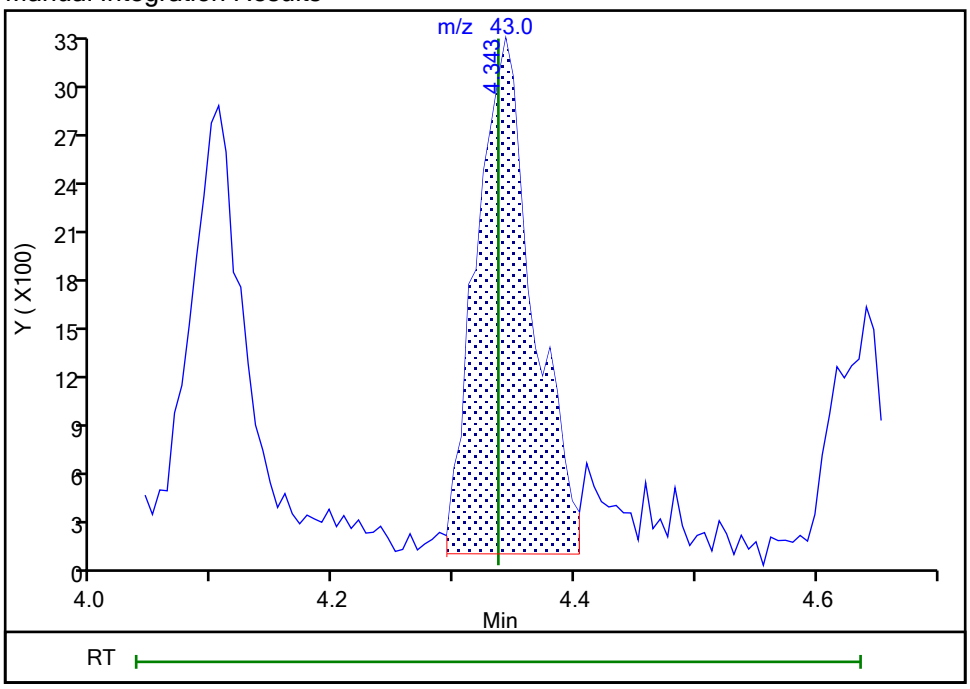
Not Detected
Expected RT: 4.34

Processing Integration Results



Manual Integration Results

RT: 4.34
Area: 10161
Amount: 3.907484
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:28:44
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

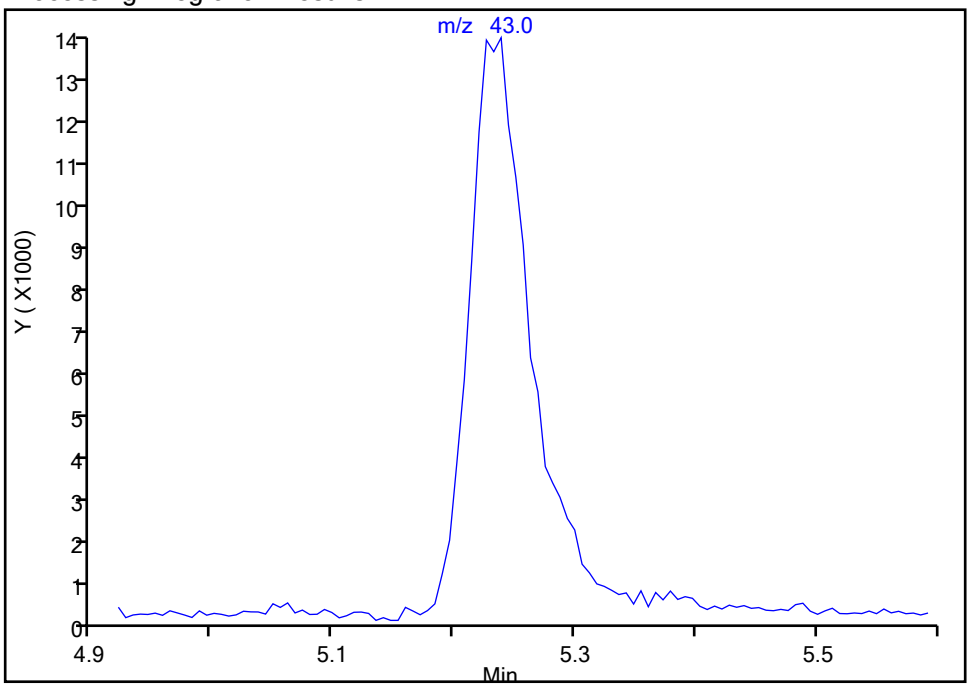
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85236.D
Injection Date: 05-Apr-2022 07:59:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

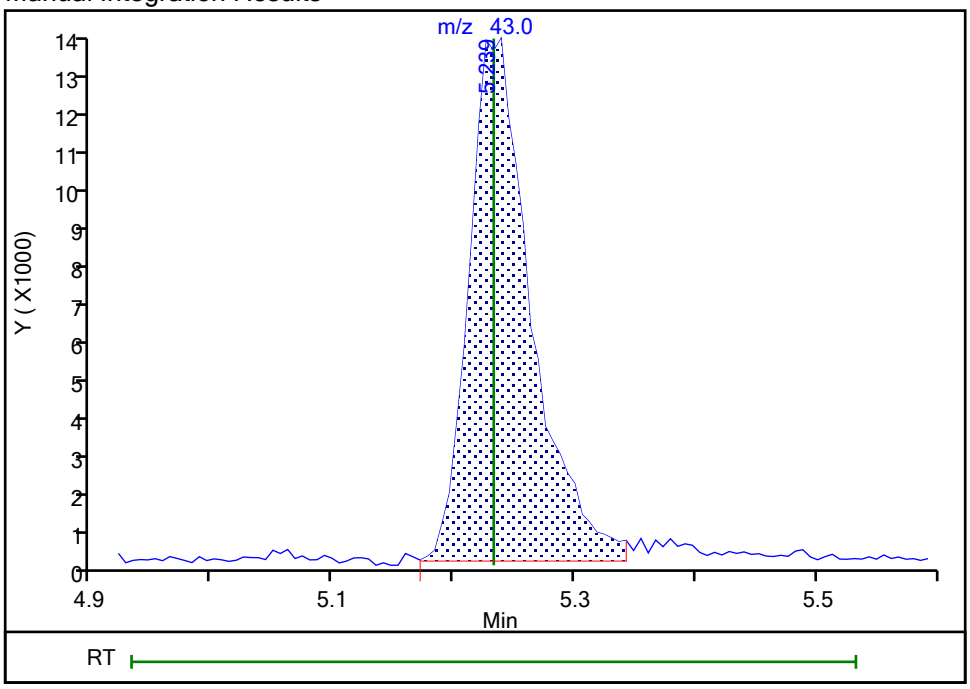
Not Detected
Expected RT: 5.23

Processing Integration Results



Manual Integration Results

RT: 5.24
Area: 46394
Amount: 21.524979
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:28:50
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

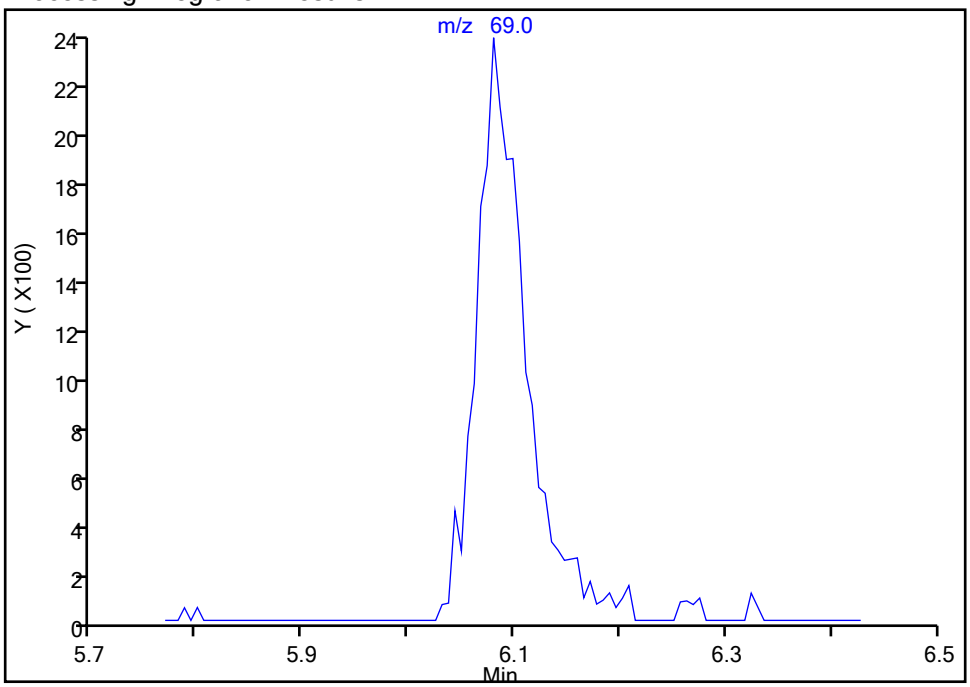
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85236.D
Injection Date: 05-Apr-2022 07:59:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

84 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

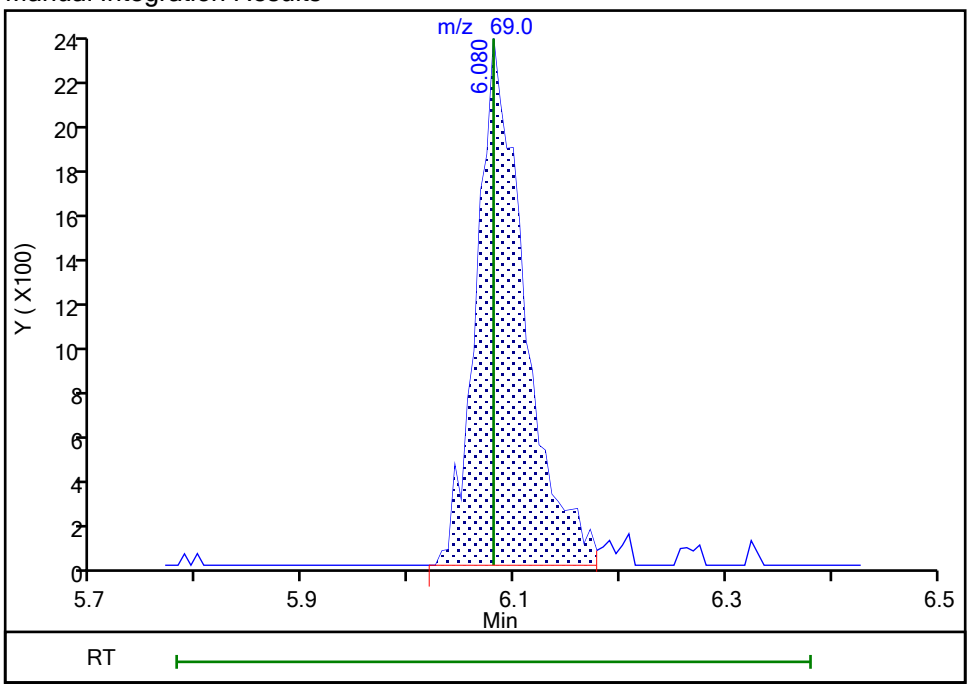
Not Detected
Expected RT: 6.08

Processing Integration Results



Manual Integration Results

RT: 6.08
Area: 7574
Amount: 3.836184
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:28:55
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

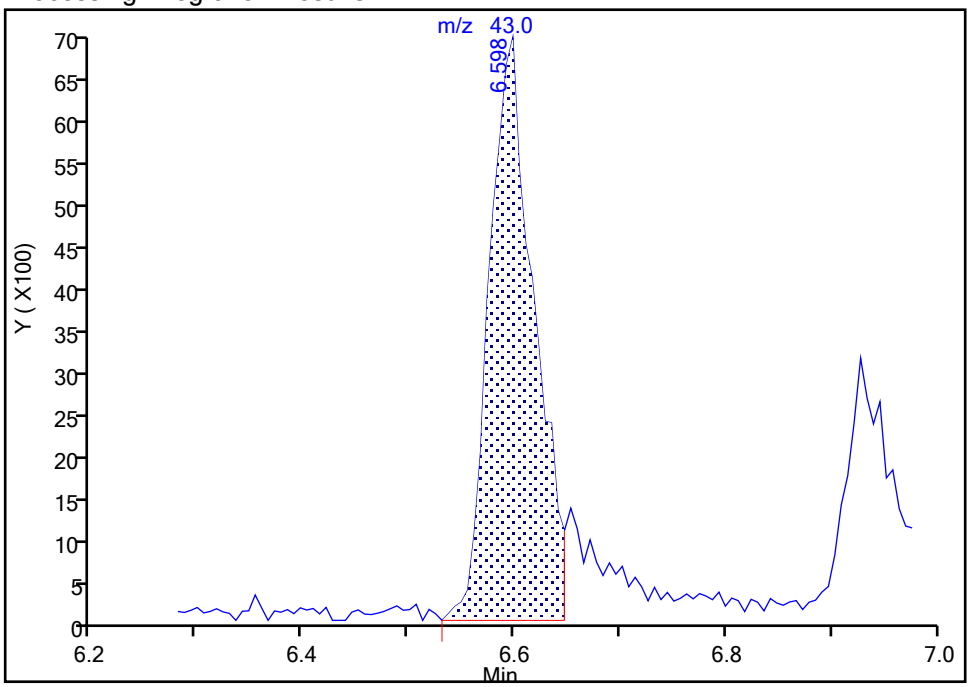
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85236.D
Injection Date: 05-Apr-2022 07:59:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

87 2-Hexanone, CAS: 591-78-6

Signal: 1

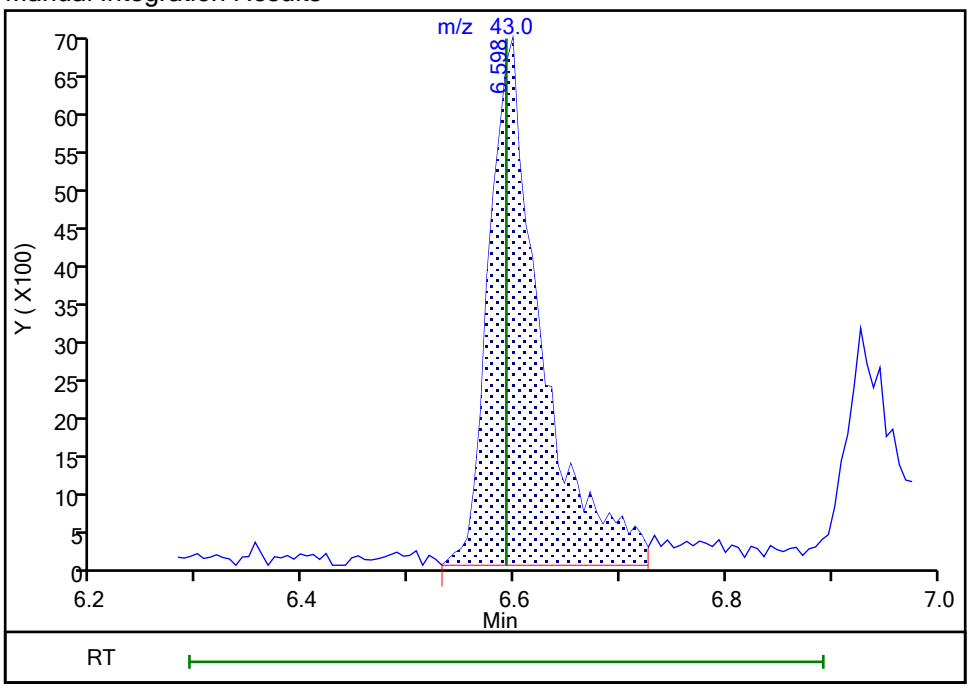
Processing Integration Results

RT: 6.60
Area: 20515
Amount: 14.094488
Amount Units: ug/l



Manual Integration Results

RT: 6.60
Area: 23700
Amount: 20.266690
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:23:23
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

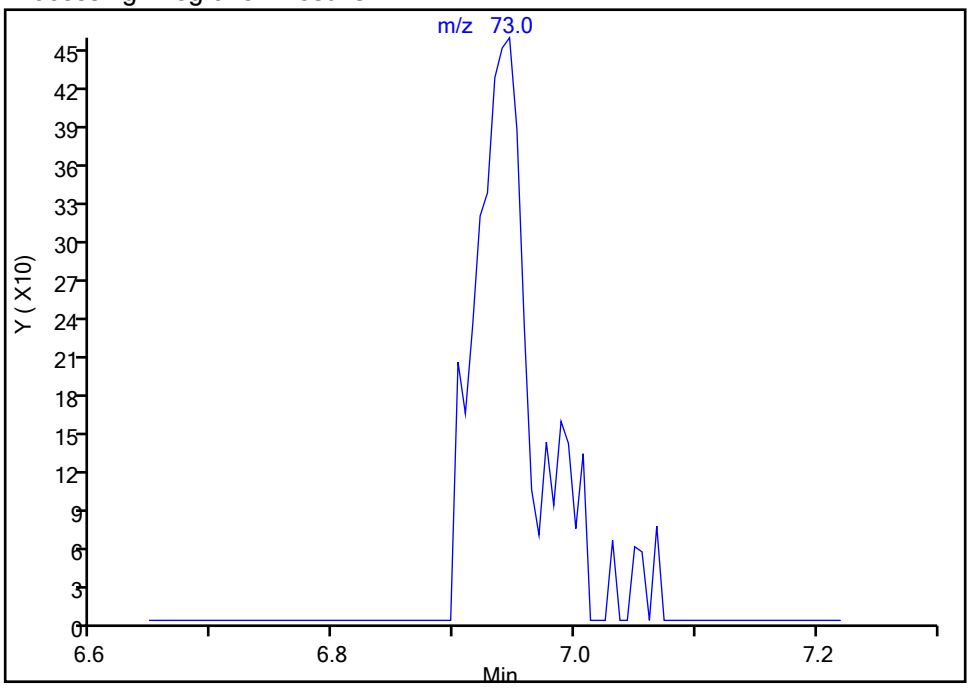
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85236.D
Injection Date: 05-Apr-2022 07:59:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

90 n-Butyl acetate, CAS: 123-86-4

Signal: 1

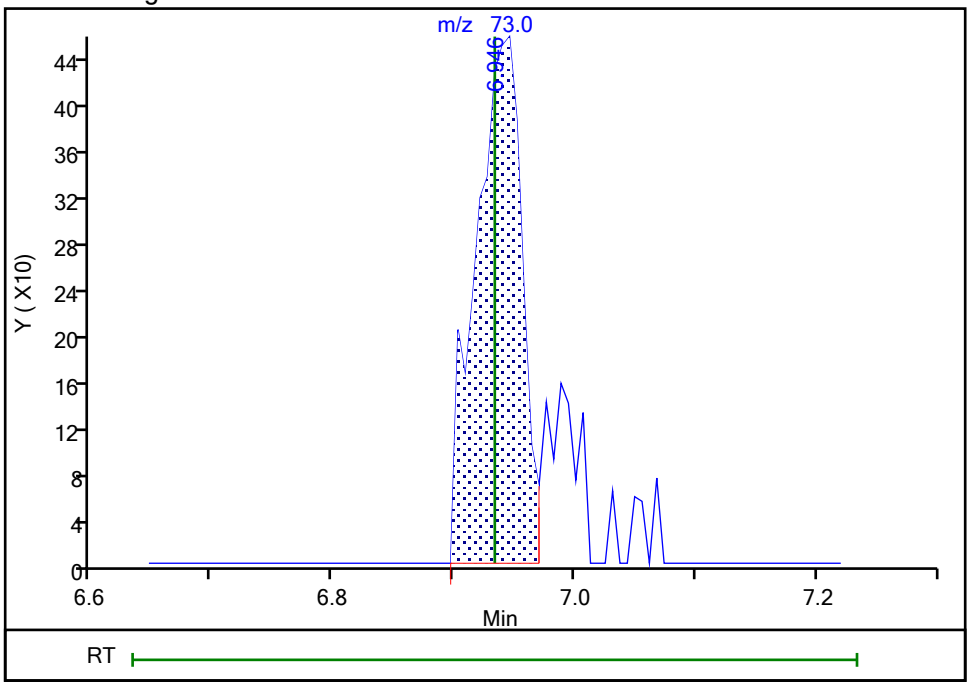
Not Detected
Expected RT: 6.93

Processing Integration Results



Manual Integration Results

RT: 6.95
Area: 1215
Amount: 4.201270
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:29:02
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

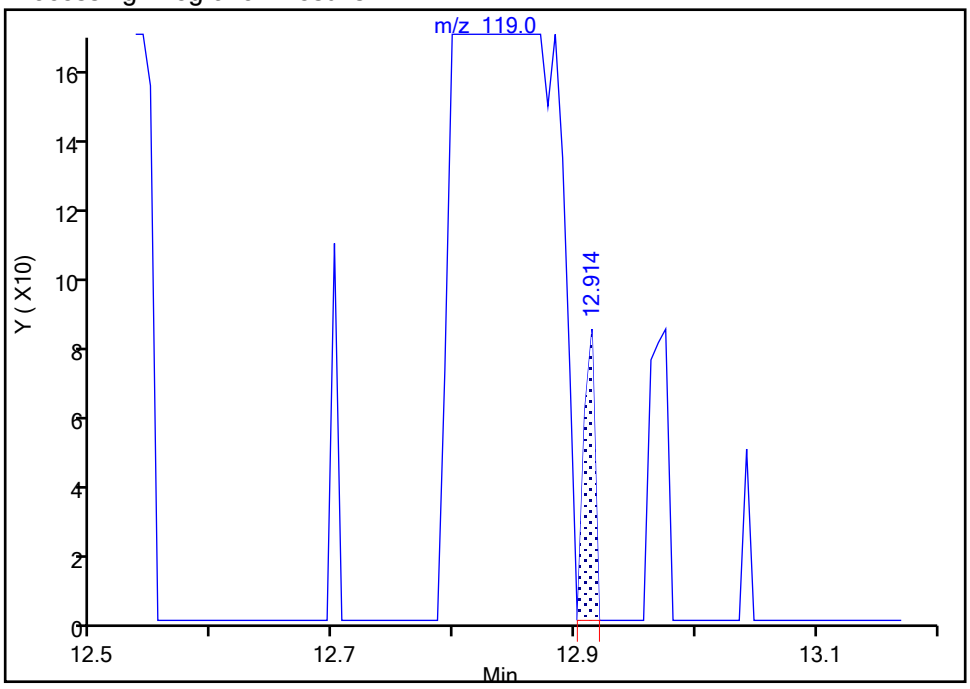
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85236.D
Injection Date: 05-Apr-2022 07:59:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Signal: 1

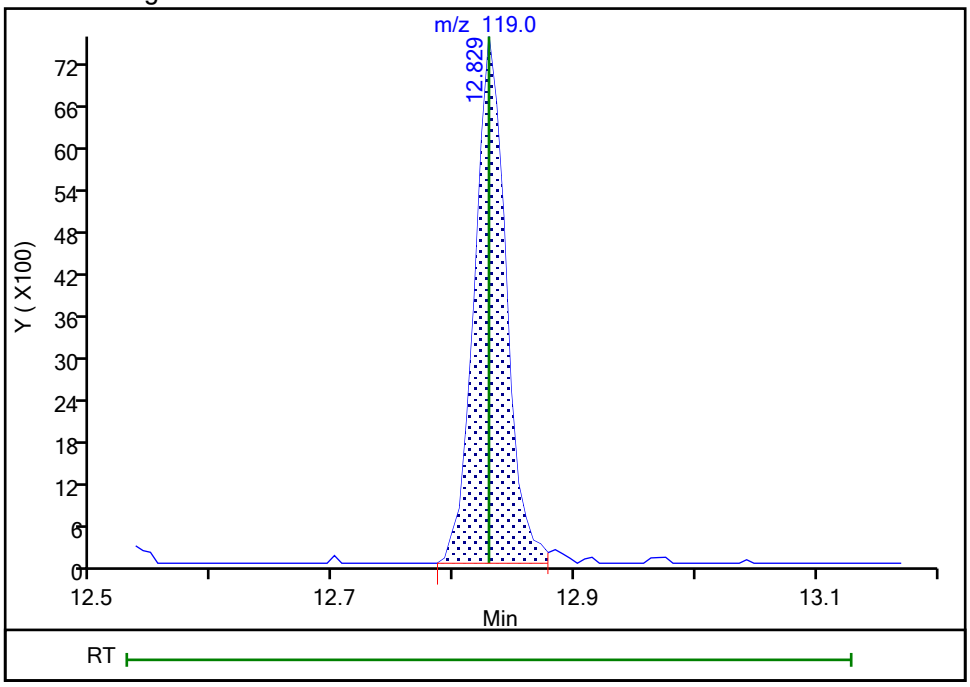
Processing Integration Results

RT: 12.91
Area: 53
Amount: 0.018516
Amount Units: ug/l



Manual Integration Results

RT: 12.83
Area: 13632
Amount: 4.178974
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 17:29:21
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85238.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 05-Apr-2022 08:43:30 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0143609-007
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Apr-2022 08:40:44 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: tupayachia Date: 05-Apr-2022 09:28:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.593	0.587	0.006	43	12728	50.0	45.4	a
2 1,1-Difluoroethane	51	0.642	0.636	0.006	91	361767	50.0	51.7	
3 Dichlorodifluoromethane	85	0.642	0.648	-0.006	56	249354	50.0	55.4	
4 Chlorodifluoromethane	67	0.648	0.648	0.000	95	32342	50.0	52.2	
5 Chloromethane	50	0.721	0.721	0.000	99	334248	50.0	52.7	
6 Butadiene	54	0.758	0.764	-0.006	95	224613	50.0	56.7	
7 Vinyl chloride	62	0.758	0.764	-0.006	98	227280	50.0	53.0	
8 Bromomethane	94	0.892	0.898	-0.006	99	113740	50.0	48.2	
9 Chloroethane	64	0.910	0.910	0.000	99	99520	50.0	44.7	
10 Dichlorofluoromethane	67	1.008	1.008	0.000	98	274375	50.0	49.6	
12 Pentane	72	1.020	1.014	0.006	97	45950	100.0	99.7	
11 Trichlorofluoromethane	101	1.038	1.032	0.006	98	218952	50.0	52.9	M
14 Ethanol	46	1.111	1.112	-0.001	73	34781	2000.0	2226.5	
13 Ethyl ether	59	1.117	1.118	-0.001	94	100070	50.0	50.8	
15 2-Methyl-1,3-butadiene	53	1.130	1.130	0.000	96	139095	50.0	55.7	M
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.142	1.166	-0.024	91	116305	50.0	50.4	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.166	1.173	-0.007	93	204795	50.0	52.3	a
18 Acrolein	56	1.185	1.179	0.006	97	112267	405.6	353.5	
19 1,1-Dichloroethene	96	1.221	1.221	0.000	93	123106	50.0	55.7	
21 Acetone	43	1.258	1.258	0.000	85	246923	250.0	231.6	
20 112TCTFE	101	1.276	1.270	0.006	96	143798	50.0	55.5	a
22 Iodomethane	142	1.294	1.294	0.000	100	209746	50.0	52.8	
23 Carbon disulfide	76	1.325	1.325	0.000	100	512014	50.0	54.9	
24 Isopropyl alcohol	45	1.355	1.374	-0.019	96	181656	500.0	544.5	
25 3-Chloro-1-propene	39	1.410	1.410	0.000	91	234236	50.0	58.1	
26 Methyl acetate	43	1.428	1.422	0.006	99	245992	100.0	126.7	
27 Acetonitrile	39	1.447	1.447	0.000	26	123404	500.0	472.5	a
28 Methylene Chloride	84	1.477	1.471	0.006	98	145077	50.0	50.7	
* 29 TBA-d9 (IS)	65	1.544	1.550	-0.006	0	454963	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.611	1.611	0.000	91	233726	500.0	519.5	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.617	1.618	-0.001	95	555345	500.0	466.4	
32 trans-1,2-Dichloroethene	96	1.630	1.630	0.000	98	135262	50.0	52.8	
33 Methyl tert-butyl ether	73	1.660	1.648	0.012	97	379621	50.0	53.2	
34 Hexane	57	1.806	1.807	-0.001	94	248644	50.0	58.4	
35 1,1-Dichloroethane	63	1.886	1.886	0.000	99	286772	50.0	53.3	
36 Vinyl acetate	86	1.947	1.941	0.006	100	34752	100.0	83.8	
37 2-Chloro-1,3-butadiene	88	1.947	1.947	0.000	70	126597	50.0	53.7	
38 Isopropyl ether	45	1.977	1.971	0.006	93	536383	50.0	53.0	
39 Tert-butyl ethyl ether	87	2.227	2.227	0.000	88	151263	50.0	52.5	
* 40 2-Butanone-d5	46	2.288	2.288	0.000	0	397760	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.300	2.300	0.000	91	140724	50.0	53.7	
42 2,2-Dichloropropane	79	2.306	2.300	0.006	71	72475	50.0	51.6	
43 2-Butanone (MEK)	72	2.331	2.331	0.000	98	81122	250.0	244.8	
44 Propionitrile	54	2.373	2.374	-0.001	96	219472	500.0	514.7	
45 Ethyl acetate	70	2.410	2.404	0.006	99	25466	100.0	94.9	
62 Methyl acrylate	55	2.416	2.416	0.000	99	149160	50.0	59.8	
46 Chlorobromomethane	128	2.483	2.477	0.006	94	63933	50.0	52.6	
47 Methacrylonitrile	67	2.489	2.483	0.006	95	526904	500.0	585.2	
48 Tetrahydrofuran	72	2.532	2.526	0.006	99	37243	100.0	106.9	
49 Chloroform	83	2.568	2.569	-0.001	98	236334	50.0	52.8	
$ 50 Dibromofluoromethane (Surr)	113	2.696	2.697	-0.001	96	122994	50.0	50.2	
51 1,1,1-Trichloroethane	97	2.703	2.703	0.000	98	222574	50.0	56.6	
52 Cyclohexane	84	2.745	2.745	0.000	96	230522	50.0	58.6	
54 1,1-Dichloropropene	75	2.843	2.843	0.000	92	194696	50.0	57.8	
53 Carbon tetrachloride	117	2.849	2.855	-0.006	93	186647	50.0	56.7	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.983	2.977	0.006	0	148960	50.0	51.3	
56 Benzene	78	3.026	3.026	0.000	98	527129	50.0	54.9	
57 1,2-Dichloroethane	62	3.056	3.050	0.006	97	170238	50.0	52.1	
58 Isobutyl alcohol	42	3.111	3.123	-0.012	92	107512	1250.0	1022.9	a
59 Tert-amyl methyl ether	73	3.202	3.197	0.006	88	455005	50.0	57.6	
73 Isopropyl acetate	43	3.209	3.209	0.000	92	535072	50.0	56.7	
* 60 Fluorobenzene	96	3.318	3.318	0.000	98	497156	50.0	50.0	
61 n-Heptane	43	3.373	3.373	0.000	97	302501	50.0	58.7	
63 Trichloroethene	95	3.715	3.709	0.006	96	126988	50.0	55.2	
64 n-Butanol	43	3.861	3.879	-0.018	97	27272	1250.0	745.6	
65 Methylcyclohexane	83	3.922	3.922	0.000	92	264431	50.0	58.7	
66 Ethyl acrylate	55	3.928	3.922	0.006	95	406117	50.0	60.7	
67 1,2-Dichloropropane	63	3.952	3.952	0.000	93	143346	50.0	55.1	
68 Dibromomethane	93	4.080	4.087	-0.007	94	71814	50.0	54.9	
* 69 1,4-Dioxane-d8	96	4.123	4.111	0.012	0	29405	1000.0	1000.0	
70 1,4-Dioxane	88	4.190	4.178	0.012	88	30930	1000.0	1022.3	M
71 Methyl methacrylate	100	4.221	4.221	0.000	92	52863	100.0	117.8	
72 Dichlorobromomethane	83	4.324	4.324	0.000	98	157190	50.0	52.9	
81 n-Propyl acetate	43	4.336	4.337	-0.001	99	183841	50.0	62.7	
74 2-Nitropropane	41	4.635	4.635	0.000	99	60373	100.0	116.4	
75 2-Chloroethyl vinyl ether	63	4.812	4.806	0.006	93	36085	50.1	57.3	
76 Epichlorohydrin	57	4.836	4.843	-0.007	99	258823	1000.0	1091.6	
77 cis-1,3-Dichloropropene	75	4.934	4.934	0.000	96	187101	50.0	57.0	
78 4-Methyl-2-pentanone (MIBK)	43	5.233	5.233	0.000	96	715520	250.0	256.6	a
$ 79 Toluene-d8 (Surr)	98	5.287	5.288	-0.001	98	468018	50.0	51.7	
80 Toluene	91	5.379	5.379	0.000	94	509057	50.0	54.6	
82 trans-1,3-Dichloropropene	75	5.806	5.800	0.006	98	152176	50.0	55.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.062	6.056	0.006	94	79988	50.0	55.4	
84 Ethyl methacrylate	69	6.086	6.080	0.006	86	132498	50.0	59.5	a
85 Tetrachloroethene	166	6.214	6.208	0.006	93	112804	50.0	56.0	
86 1,3-Dichloropropane	76	6.299	6.300	-0.001	96	161562	50.0	53.7	
87 2-Hexanone	43	6.586	6.592	-0.006	98	455753	250.0	272.9	M
88 Chlorodibromomethane	129	6.653	6.647	0.006	98	95379	50.0	54.5	
89 Ethylene Dibromide	107	6.763	6.763	0.000	99	88540	50.0	56.7	
90 n-Butyl acetate	43	6.927	6.934	-0.007	99	175475	50.0	61.1	
* 91 Chlorobenzene-d5	117	7.647	7.647	0.000	89	312580	50.0	50.0	
92 Chlorobenzene	112	7.695	7.696	-0.001	92	284932	50.0	53.2	
93 1,1,1,2-Tetrachloroethane	131	7.915	7.915	0.000	94	104534	50.0	53.5	
94 Ethylbenzene	106	7.994	7.994	0.000	99	166236	50.0	57.2	
95 m-Xylene & p-Xylene	106	8.244	8.238	0.006	98	198951	50.0	59.0	
96 o-Xylene	106	8.976	8.982	-0.006	94	191871	50.0	56.7	
97 Styrene	104	9.024	9.019	0.005	96	309055	50.0	55.3	
98 n-Butyl acrylate	73	9.220	9.226	-0.006	97	67961	50.0	51.0	
99 Bromoform	173	9.268	9.262	0.006	95	59056	50.0	55.8	
101 Amyl acetate (mixed isomers)	43	9.707	9.707	0.000	90	180652	50.0	53.0	
102 Isopropylbenzene	105	9.726	9.726	0.000	97	542993	50.0	53.3	
$ 103 4-Bromofluorobenzene	174	9.933	9.933	0.000	87	120579	50.0	49.5	
104 Bromobenzene	156	10.104	10.104	0.000	97	114756	50.0	53.2	
105 1,2,3-Trichloropropane	110	10.329	10.329	0.000	98	33905	50.0	56.3	
106 1,1,2,2-Tetrachloroethane	83	10.353	10.354	-0.001	98	124050	50.0	54.0	
107 trans-1,4-Dichloro-2-butene	53	10.451	10.457	-0.006	85	40978	50.0	59.0	
108 N-Propylbenzene	120	10.482	10.482	0.000	98	140862	50.0	56.5	
109 2-Chlorotoluene	126	10.518	10.518	0.000	97	123045	50.0	55.2	
110 4-Ethyltoluene	105	10.701	10.701	0.000	98	508831	50.0	56.5	
111 4-Chlorotoluene	91	10.731	10.726	0.005	99	435651	50.0	55.1	
112 1,3,5-Trimethylbenzene	105	10.835	10.835	0.000	93	442975	50.0	56.3	
100 Butyl Methacrylate	87	11.219	11.219	0.000	95	114347	50.0	47.9	
113 tert-Butylbenzene	119	11.365	11.360	0.005	93	355869	50.0	57.6	
114 1,2,4-Trimethylbenzene	105	11.451	11.451	0.000	98	440250	50.0	56.2	
115 sec-Butylbenzene	105	11.756	11.756	0.000	99	588265	50.0	57.9	
116 1,3-Dichlorobenzene	146	11.817	11.817	0.000	95	231406	50.0	53.2	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	97	173070	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.006	12.006	0.000	94	230692	50.0	51.7	
119 4-Isopropyltoluene	119	12.085	12.085	0.000	97	476932	50.0	55.5	
120 1,2,3-Trimethylbenzene	105	12.182	12.189	-0.007	99	457908	50.0	54.7	
121 Benzyl chloride	126	12.341	12.341	0.000	98	38723	50.0	52.1	
122 2,3-Dihydroindene	117	12.518	12.512	0.006	94	418955	50.0	54.8	
123 1,2-Dichlorobenzene	146	12.701	12.695	0.006	94	222519	50.0	53.9	
124 p-Diethylbenzene	119	12.829	12.829	0.000	93	247067	50.0	51.6	
125 n-Butylbenzene	92	12.859	12.853	0.006	99	275695	50.0	52.4	
126 1,2-Dibromo-3-Chloropropane	157	13.609	13.609	0.000	93	22621	50.0	56.0	
127 1,2,4,5-Tetramethylbenzene	119	13.646	13.646	0.000	98	374243	50.0	53.3	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	97	162583	50.0	50.0	
129 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	94	142794	50.0	50.4	
130 Hexachlorobutadiene	225	14.383	14.383	0.000	90	77312	50.0	50.1	
131 Naphthalene	128	14.383	14.389	-0.006	99	349908	50.0	54.4	
132 1,2,3-Trichlorobenzene	180	14.548	14.548	0.000	95	139184	50.0	50.1	
S 133 1,2-Dichloroethene, Total	100				0		100.0	106.6	
S 134 1,3-Dichloropropene, Total	100				0		100.0	113.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		100.0	115.7	
S 136 Total BTEX	1				0		250.0	282.5	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00138	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00152	Amount Added:	5.00	Units: uL	
524freon_00050	Amount Added:	5.00	Units: uL	
GASES Li_00469	Amount Added:	5.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 06-Apr-2022 08:40:45 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85238.D

Injection Date: 05-Apr-2022 08:43:30 Instrument ID: CVOAMS2 Operator ID:

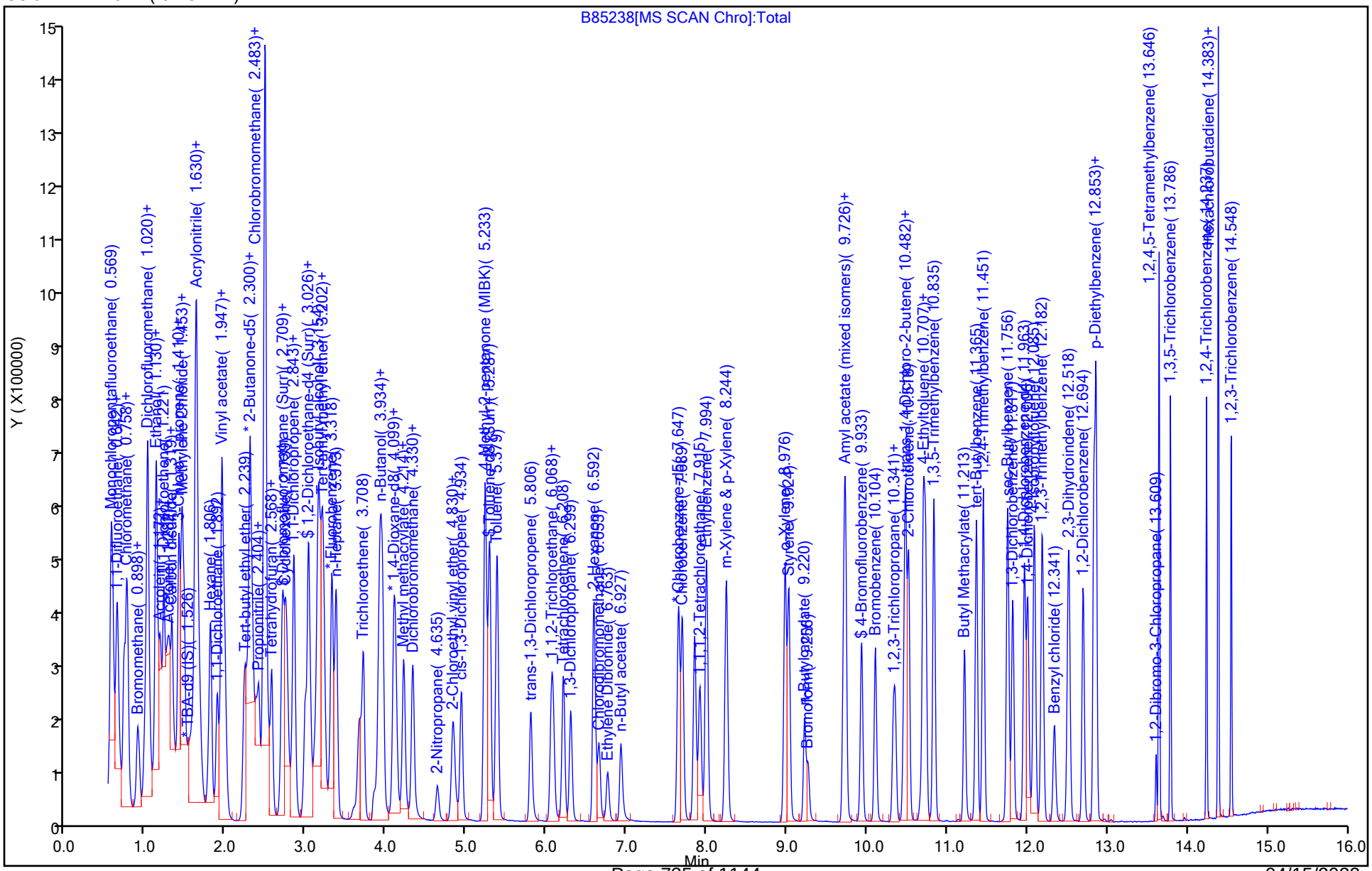
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

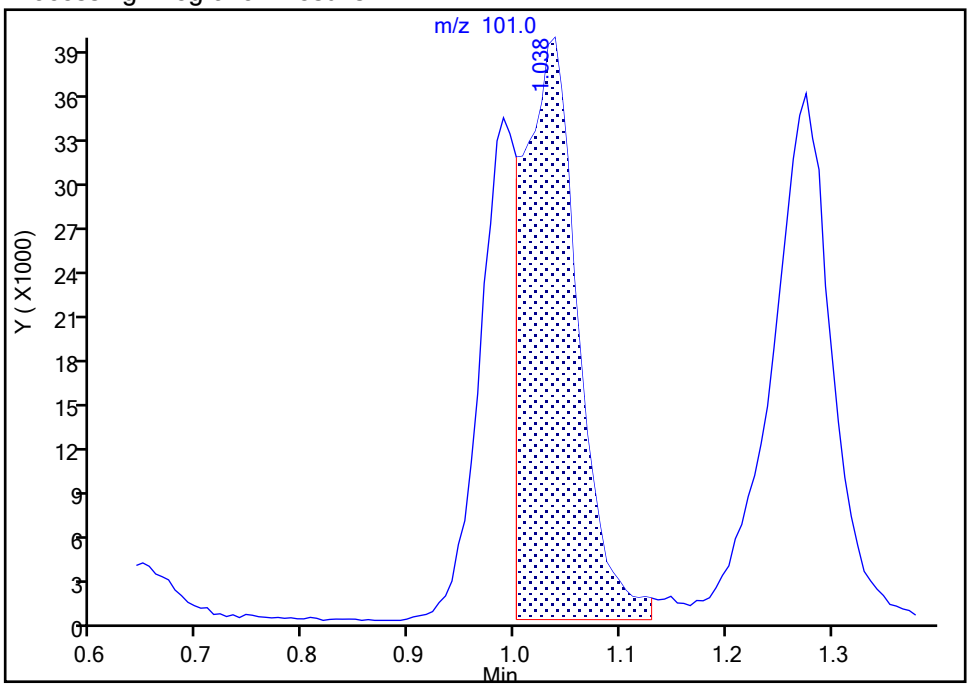
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85238.D
Injection Date: 05-Apr-2022 08:43:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

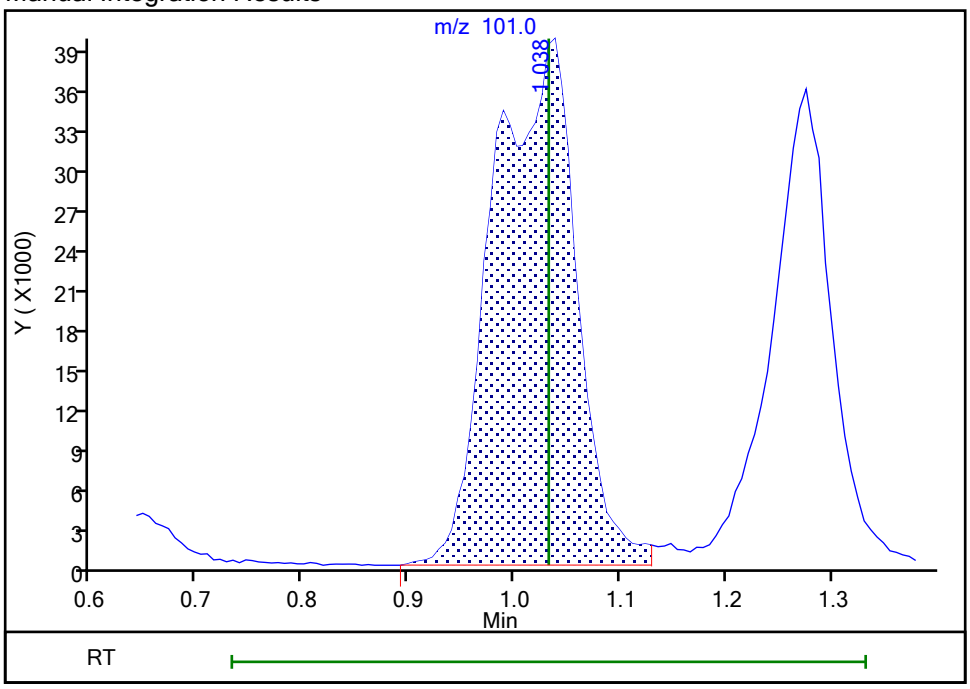
Processing Integration Results

RT: 1.04
Area: 146707
Amount: 37.618235
Amount Units: ug/l



Manual Integration Results

RT: 1.04
Area: 218952
Amount: 52.887937
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:09:28
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

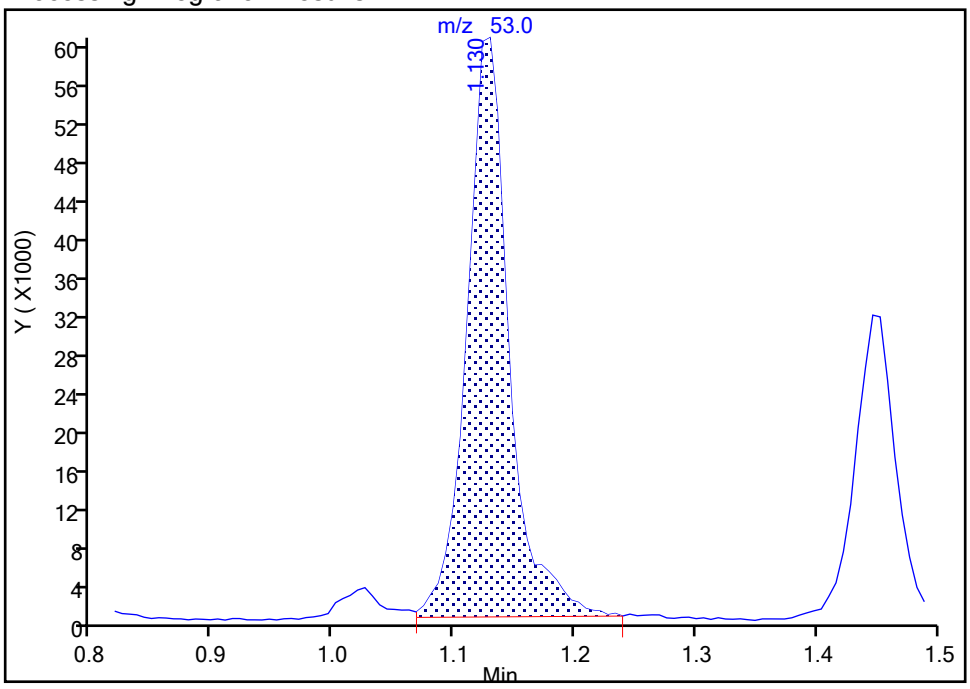
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85238.D
Injection Date: 05-Apr-2022 08:43:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

15 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

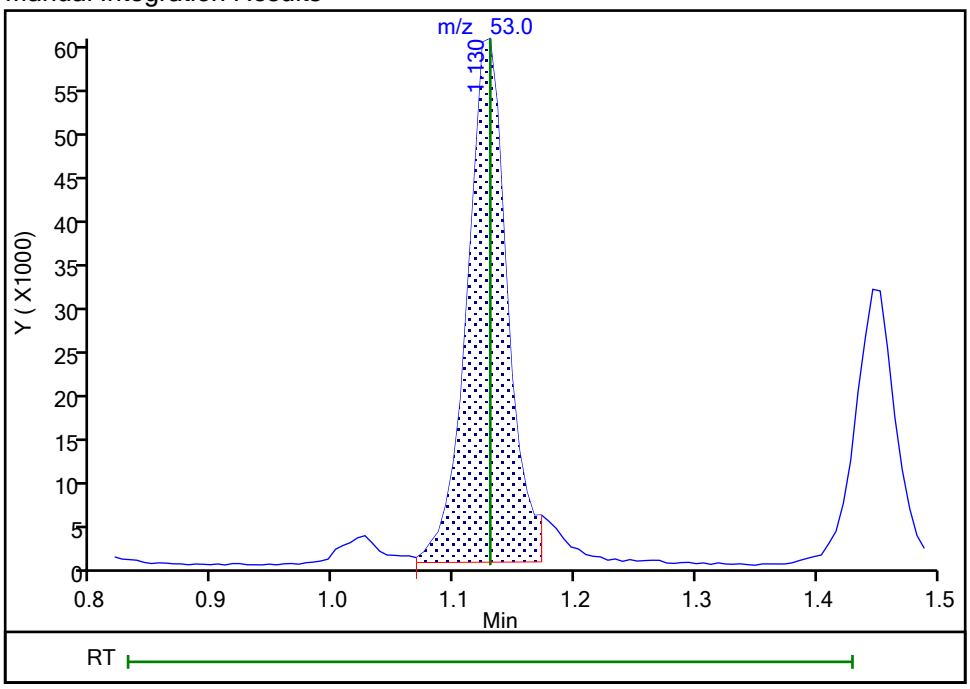
Processing Integration Results

RT: 1.13
Area: 145076
Amount: 57.614138
Amount Units: ug/l



Manual Integration Results

RT: 1.13
Area: 139095
Amount: 55.690860
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:09:52
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

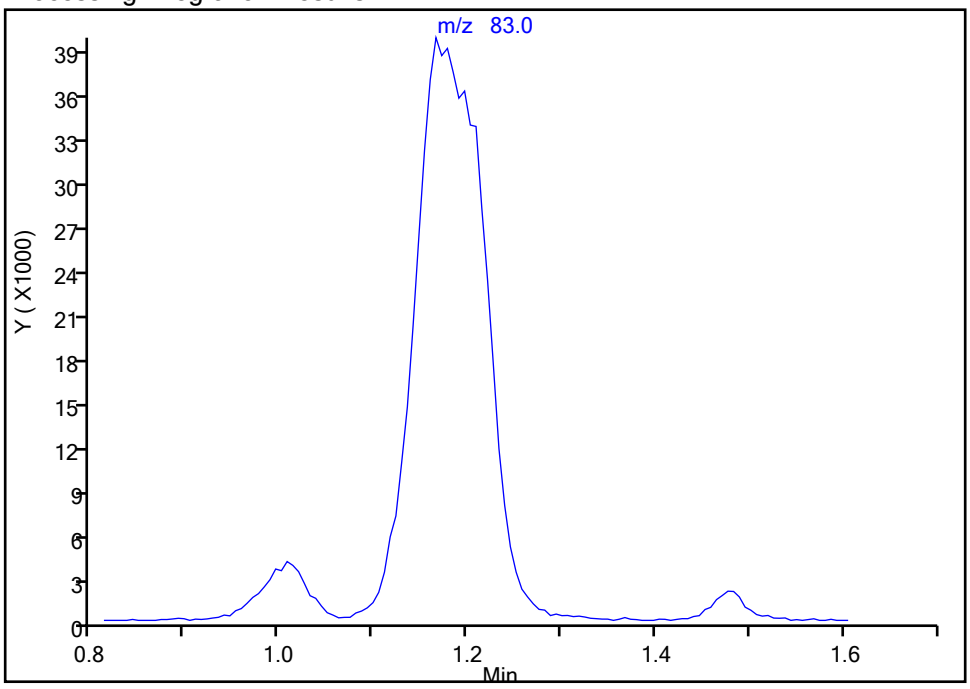
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85238.D
Injection Date: 05-Apr-2022 08:43:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

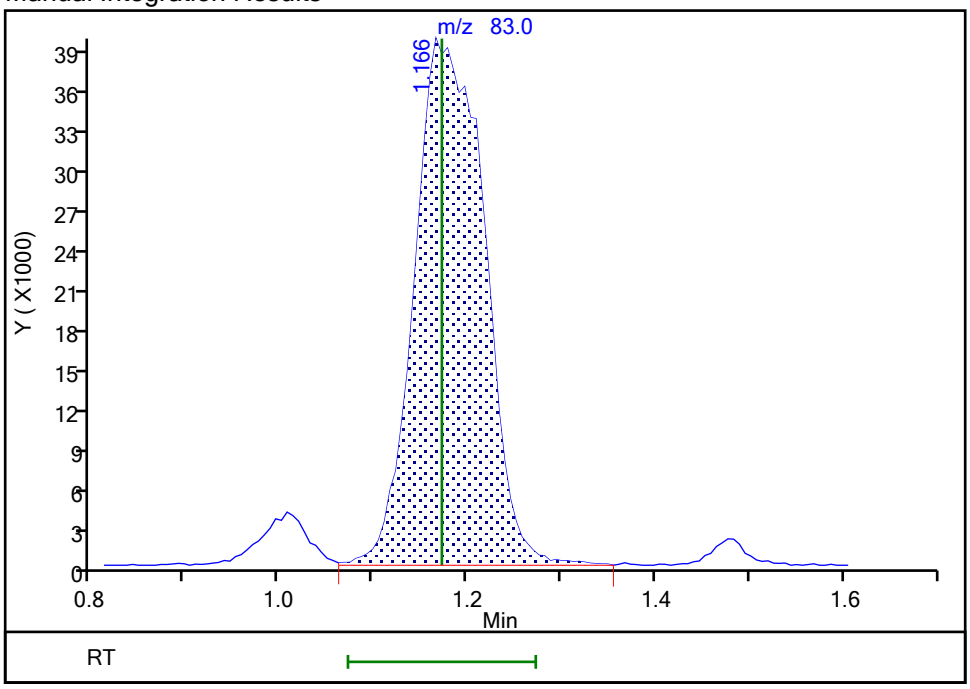
Not Detected
Expected RT: 1.17

Processing Integration Results



Manual Integration Results

RT: 1.17
Area: 204795
Amount: 52.334529
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:09:58
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

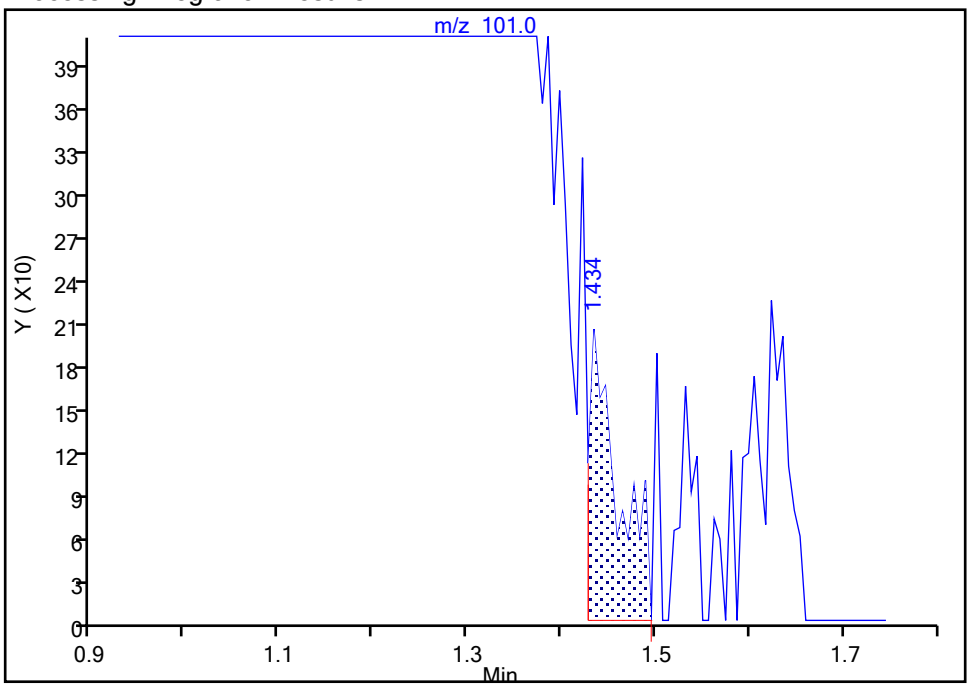
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85238.D
Injection Date: 05-Apr-2022 08:43:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

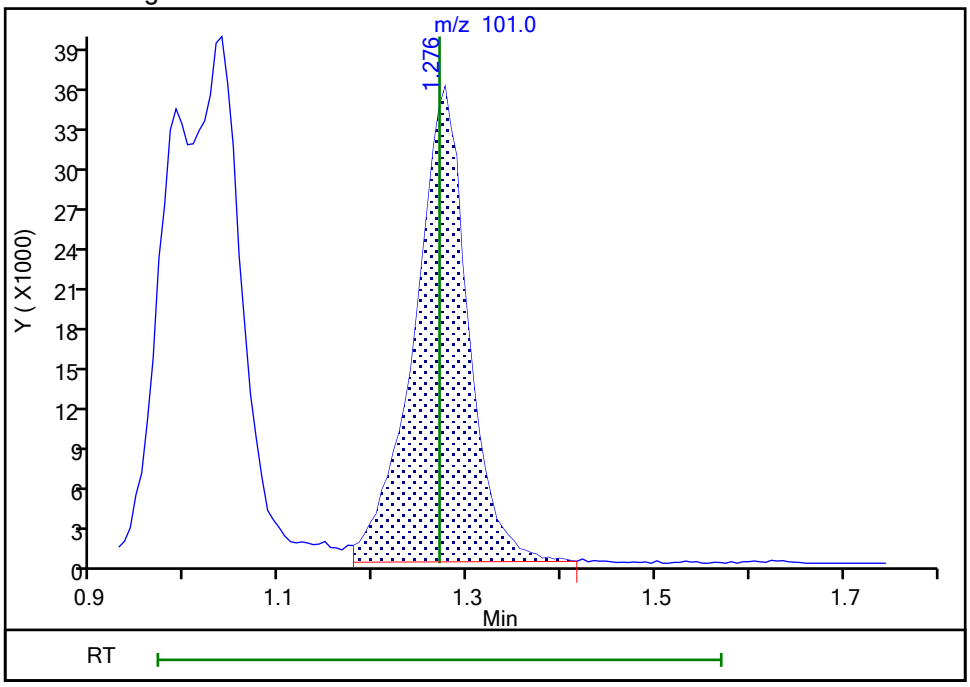
Processing Integration Results

RT: 1.43
Area: 431
Amount: 0.203918
Amount Units: ug/l



Manual Integration Results

RT: 1.28
Area: 143798
Amount: 55.500715
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:10:06
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

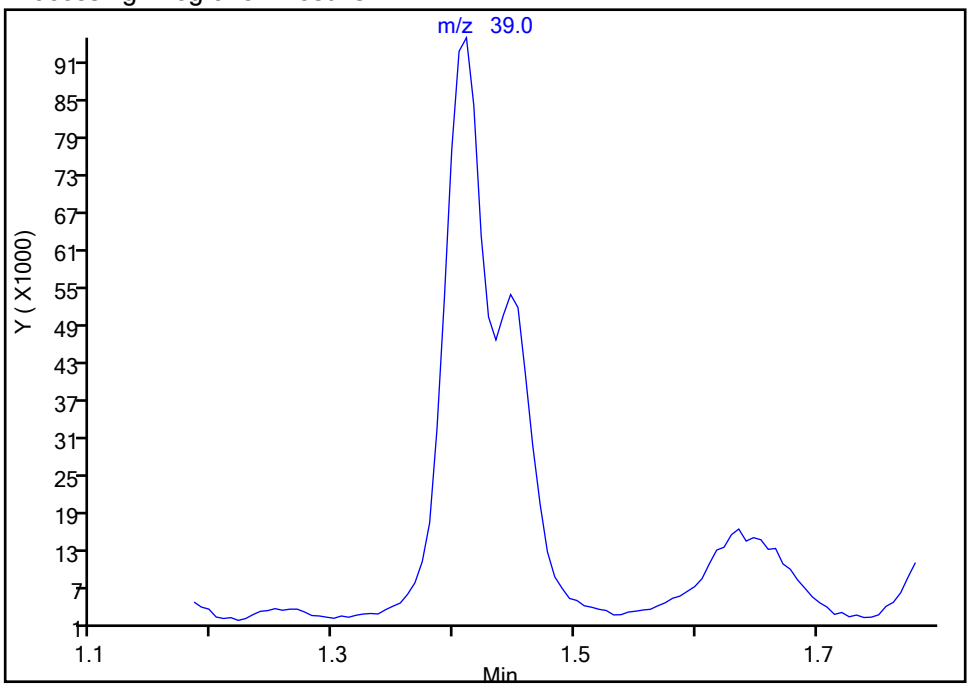
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85238.D
Injection Date: 05-Apr-2022 08:43:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

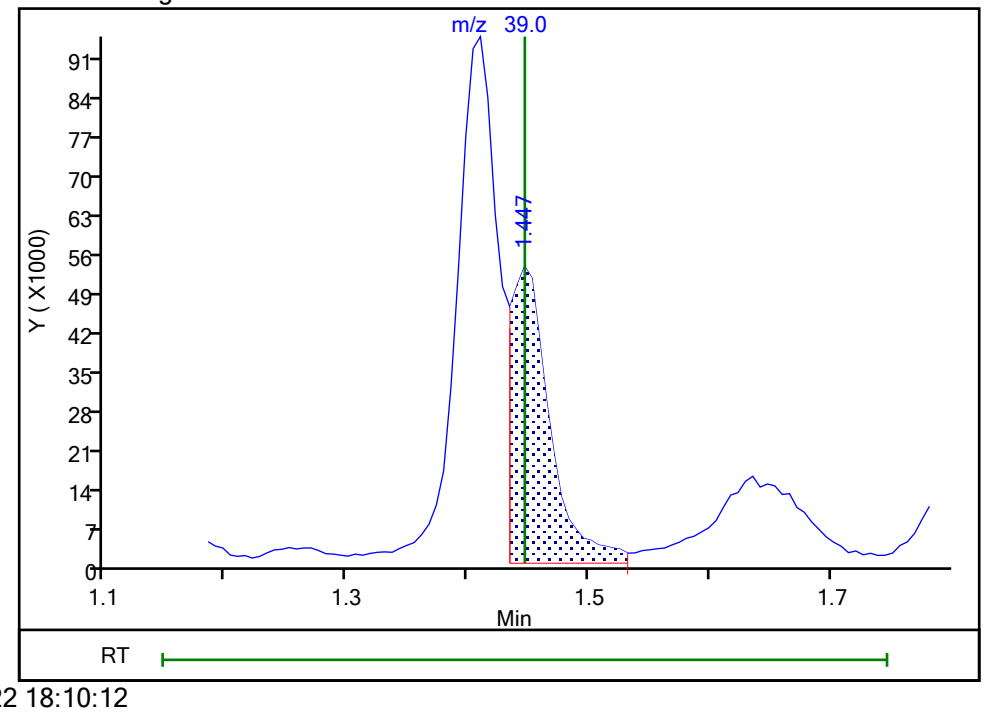
Not Detected
Expected RT: 1.45

Processing Integration Results



Manual Integration Results

RT: 1.45
Area: 123404
Amount: 472.4786
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:10:12
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

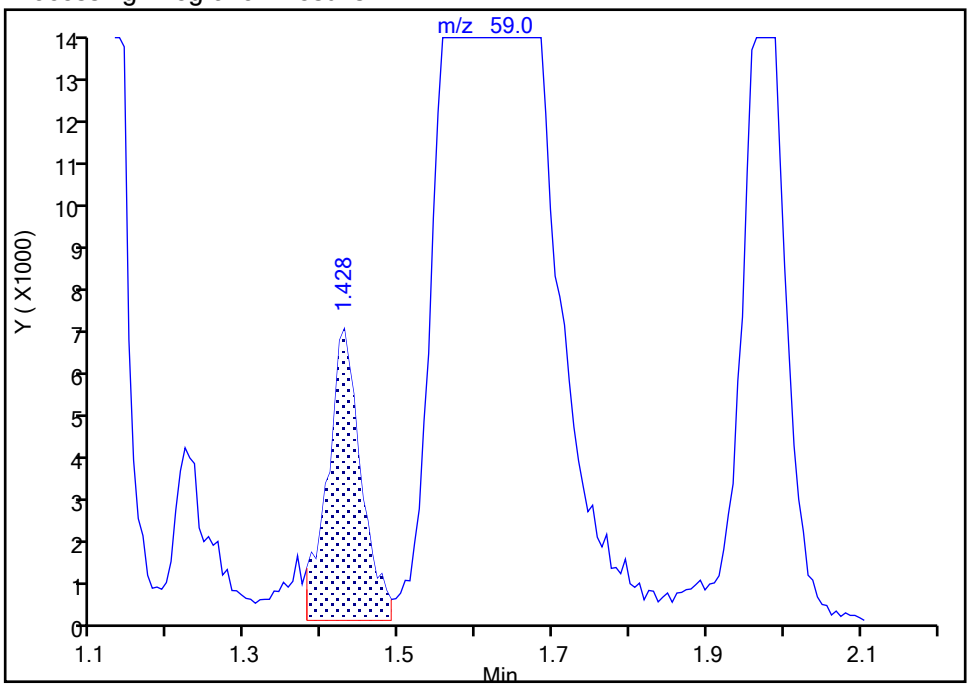
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85238.D
Injection Date: 05-Apr-2022 08:43:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

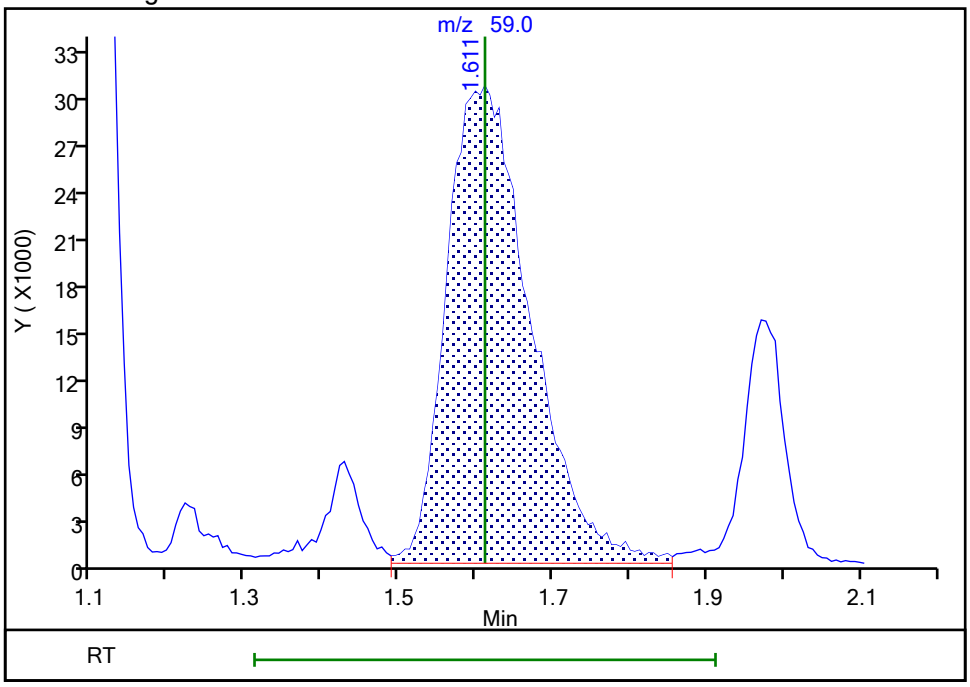
Processing Integration Results

RT: 1.43
Area: 19958
Amount: 51.624799
Amount Units: ug/l



Manual Integration Results

RT: 1.61
Area: 233726
Amount: 519.4828
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:10:16
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

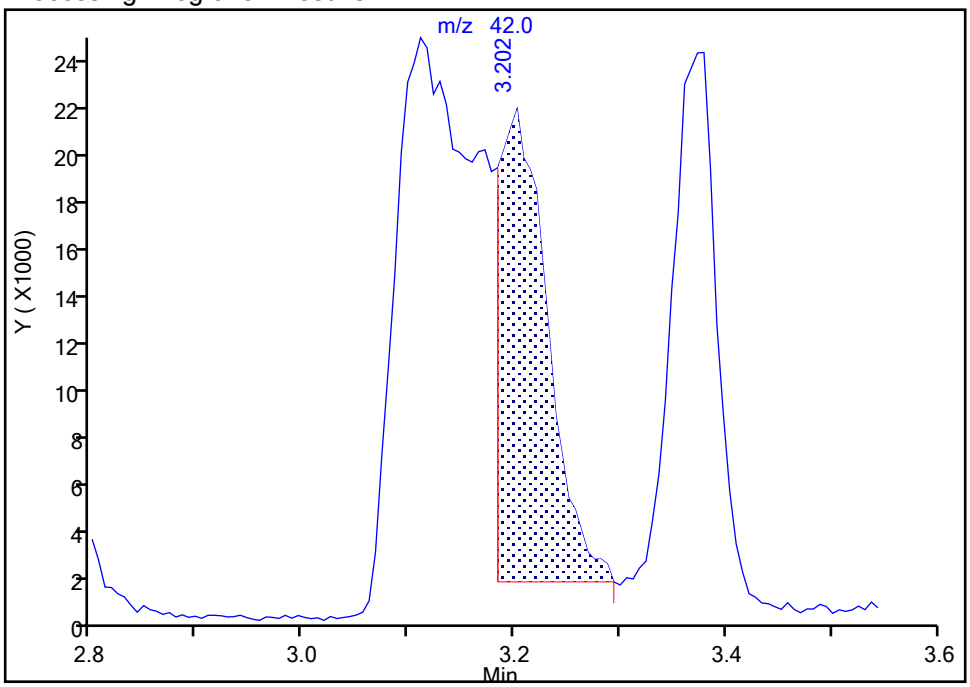
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85238.D
Injection Date: 05-Apr-2022 08:43:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

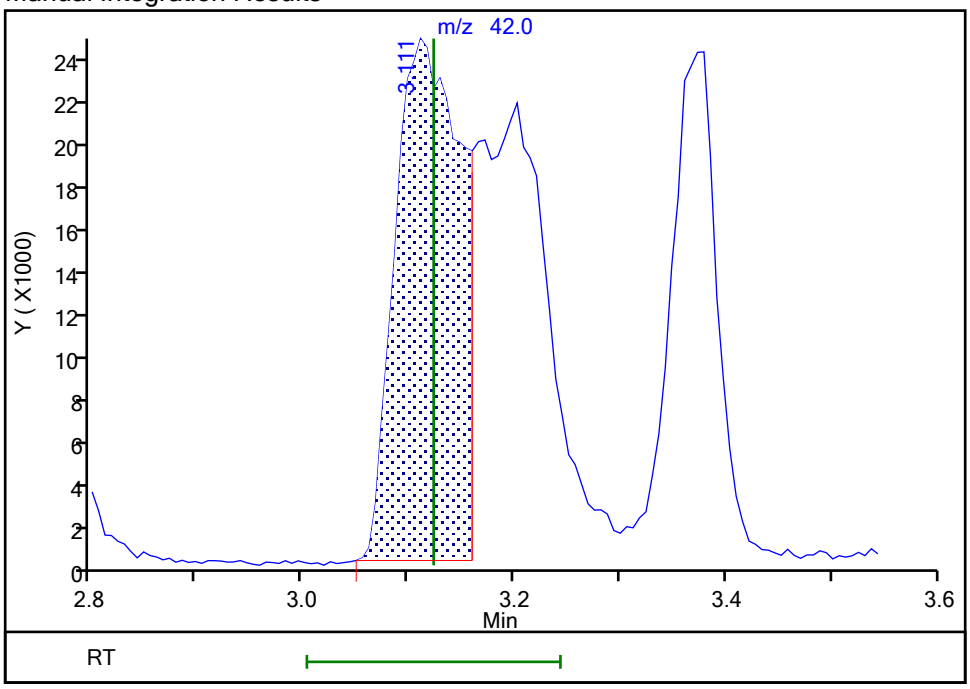
Processing Integration Results

RT: 3.20
Area: 64565
Amount: 459.4442
Amount Units: ug/l



Manual Integration Results

RT: 3.11
Area: 107512
Amount: 1022.8655
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:10:29
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

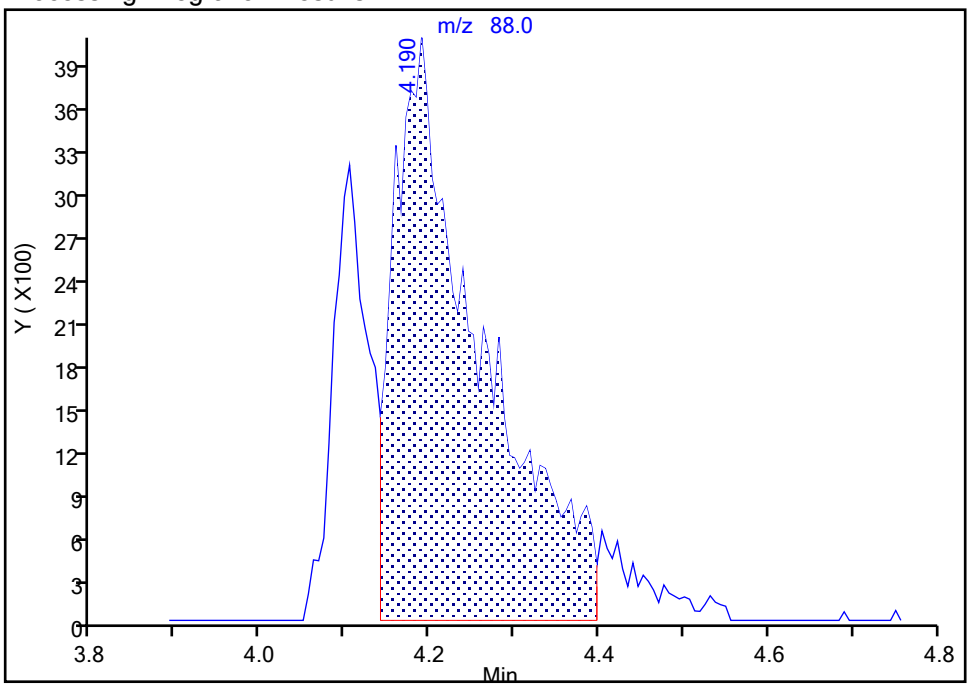
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85238.D
Injection Date: 05-Apr-2022 08:43:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

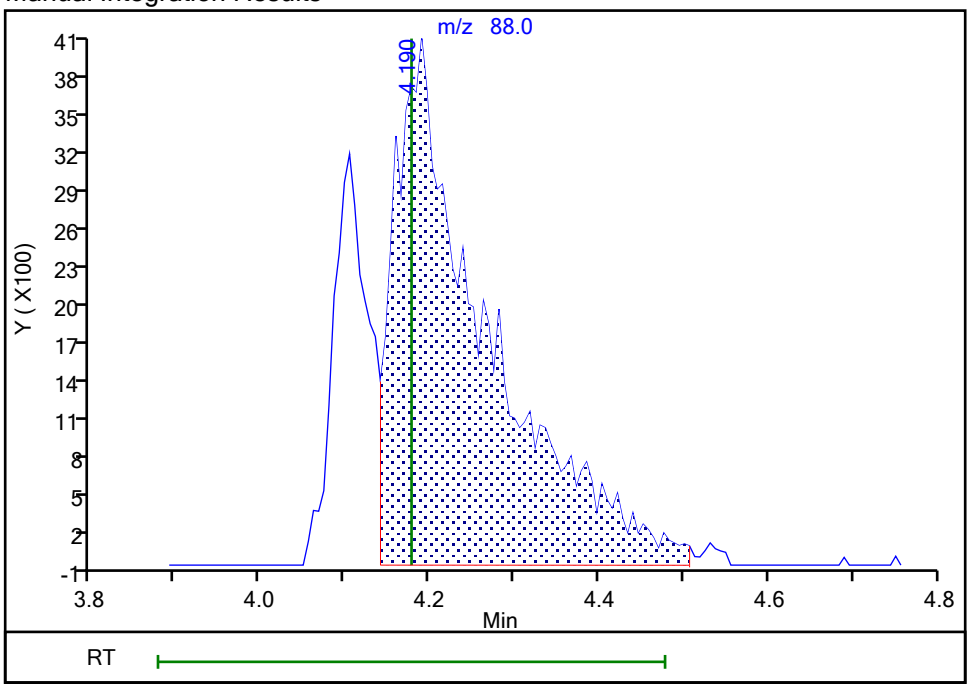
Processing Integration Results

RT: 4.19
Area: 28961
Amount: 1025.0766
Amount Units: ug/l



Manual Integration Results

RT: 4.19
Area: 30930
Amount: 1022.3068
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:11:04
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

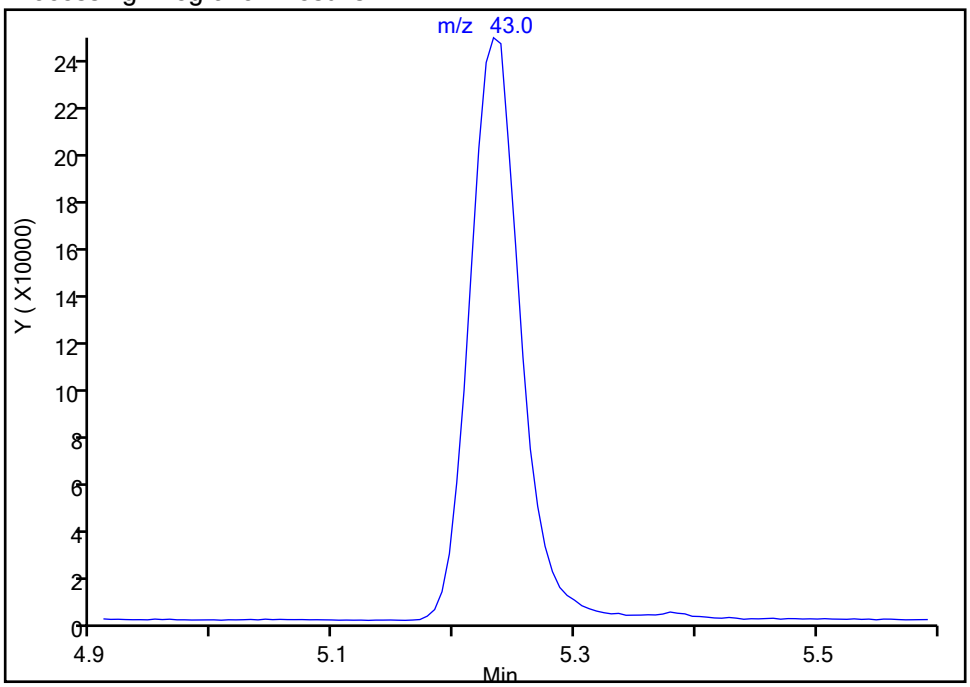
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85238.D
Injection Date: 05-Apr-2022 08:43:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

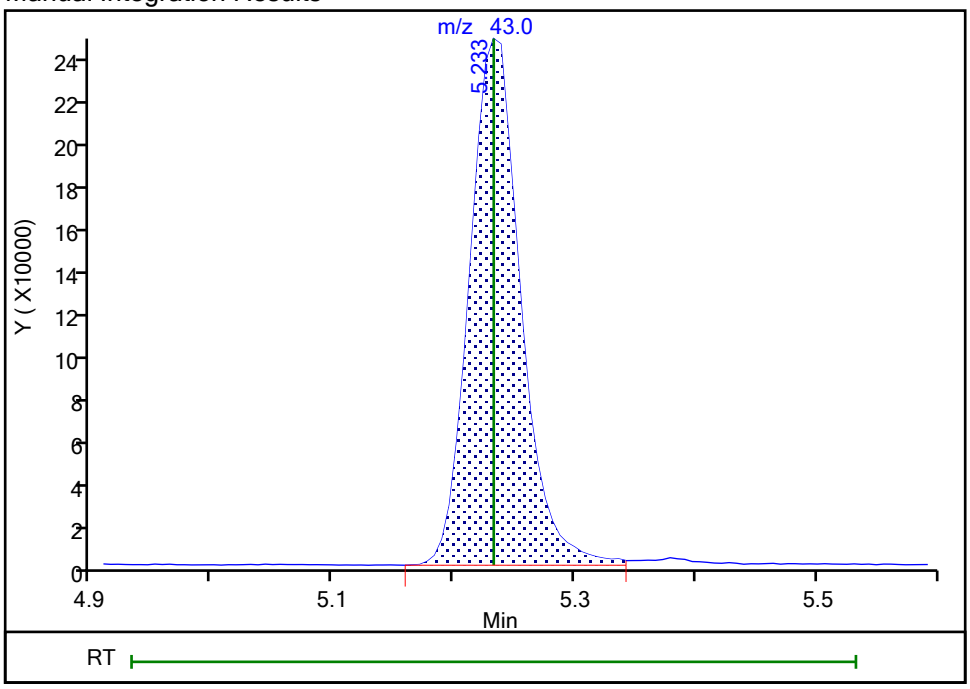
Not Detected
Expected RT: 5.23

Processing Integration Results



Manual Integration Results

RT: 5.23
Area: 715520
Amount: 256.5529
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:11:12
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

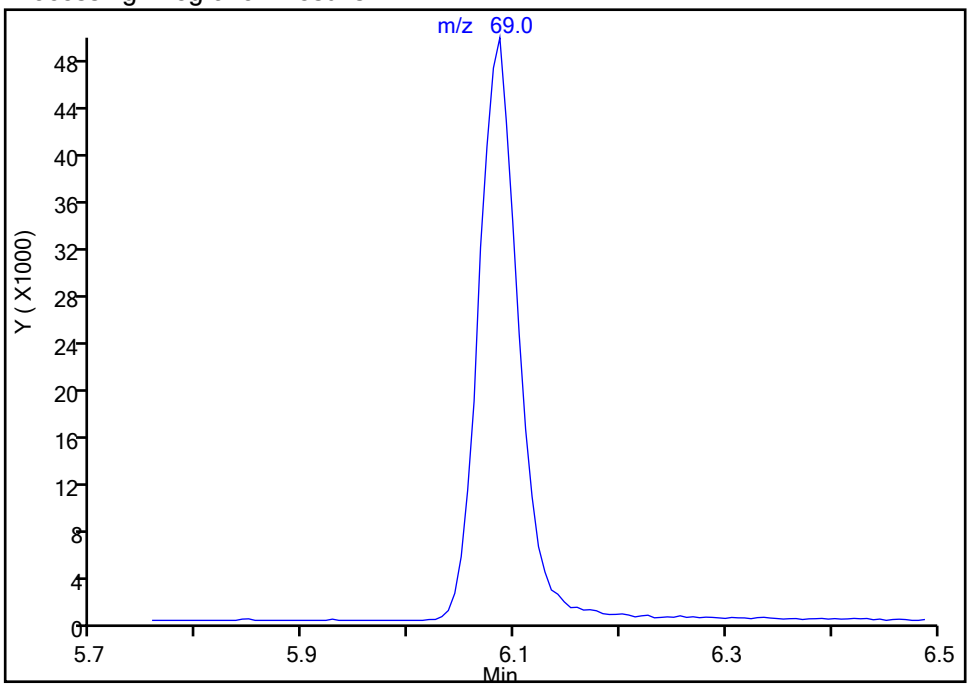
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85238.D
Injection Date: 05-Apr-2022 08:43:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

84 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

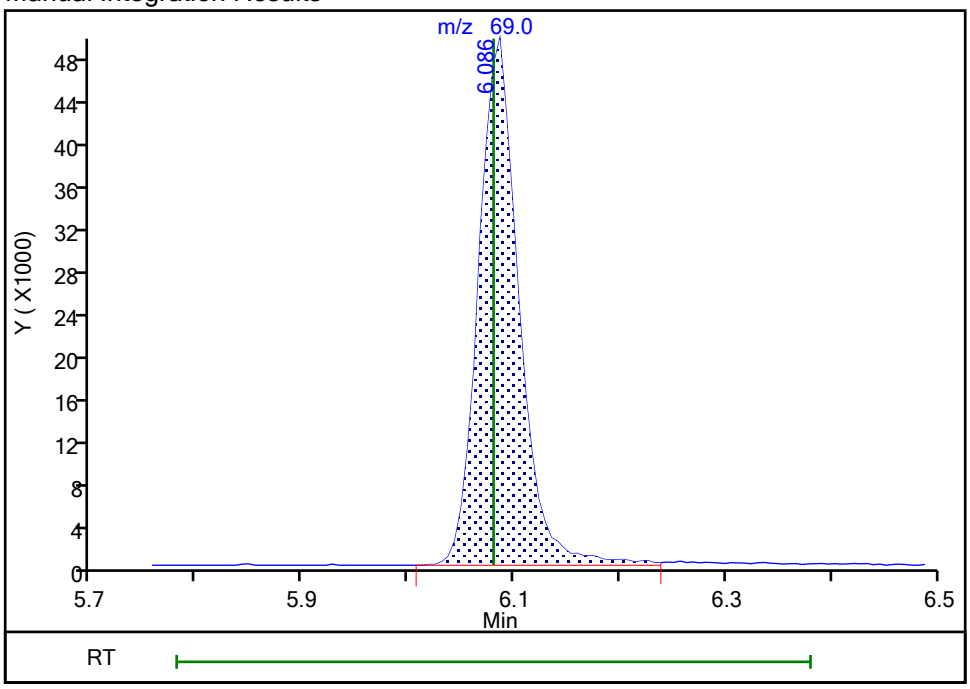
Not Detected
Expected RT: 6.08

Processing Integration Results



Manual Integration Results

RT: 6.09
Area: 132498
Amount: 59.498605
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:11:19
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

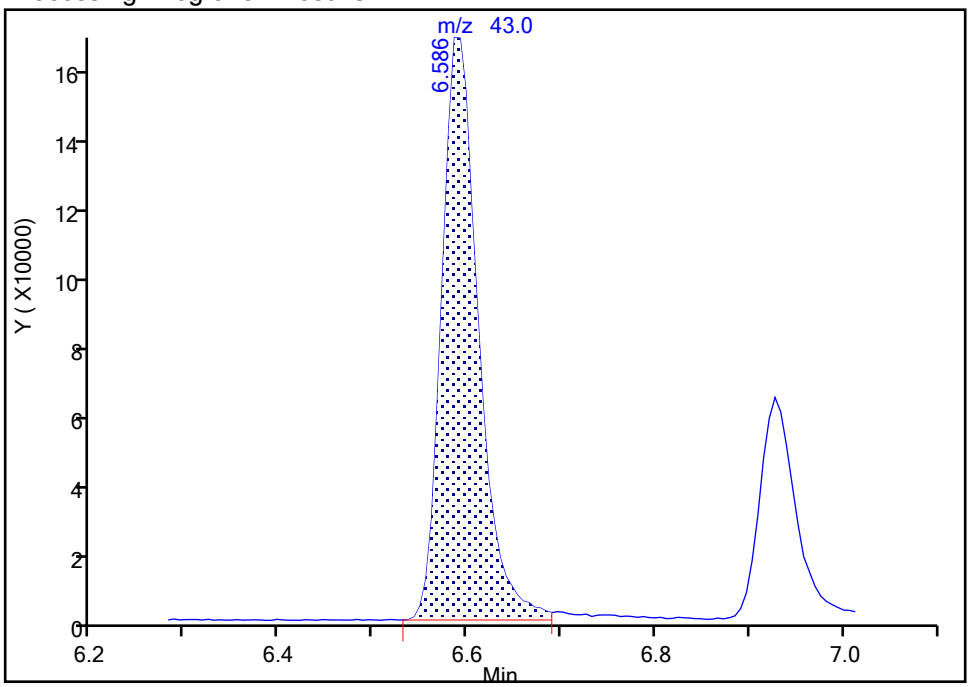
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85238.D
Injection Date: 05-Apr-2022 08:43:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

87 2-Hexanone, CAS: 591-78-6

Signal: 1

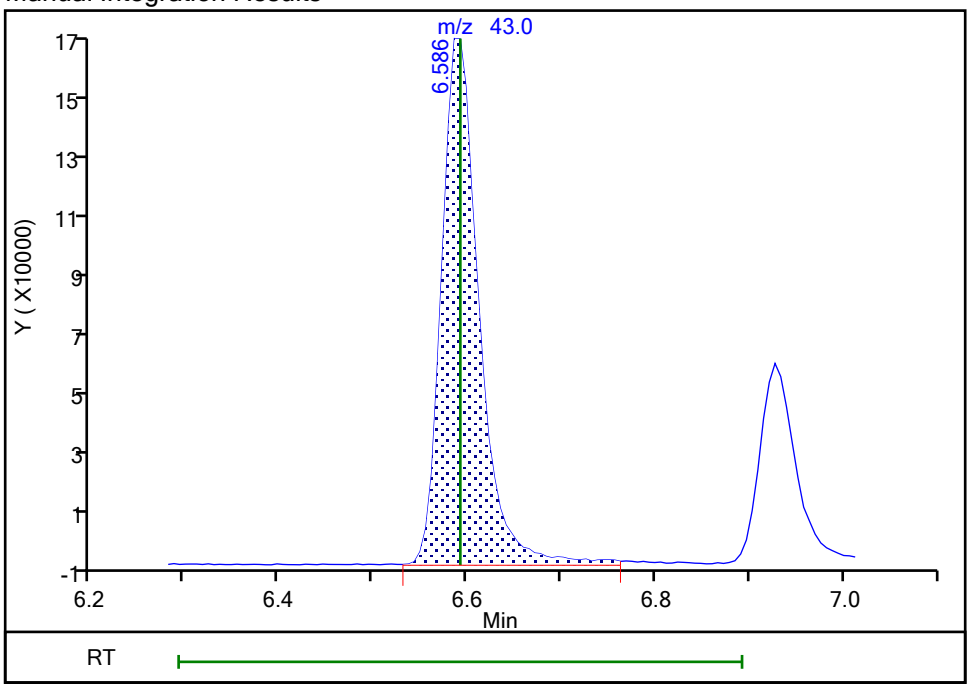
Processing Integration Results

RT: 6.59
Area: 445611
Amount: 235.1179
Amount Units: ug/l



Manual Integration Results

RT: 6.59
Area: 455753
Amount: 272.9399
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:24:35
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85239.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 05-Apr-2022 09:05:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0143609-008
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Apr-2022 08:40:53 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: tupayachia Date: 05-Apr-2022 09:37:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.587	0.587	0.000	83	75372	200.0	213.0	a
2 1,1-Difluoroethane	51	0.636	0.636	0.000	95	1615419	200.0	185.7	
3 Dichlorodifluoromethane	85	0.642	0.648	-0.006	96	1120943	200.0	200.2	
4 Chlorodifluoromethane	67	0.642	0.648	-0.006	95	149932	200.0	196.5	
5 Chloromethane	50	0.721	0.721	0.000	99	1430618	200.0	181.3	
6 Butadiene	54	0.758	0.764	-0.006	93	954944	200.0	194.1	
7 Vinyl chloride	62	0.758	0.764	-0.006	98	968452	200.0	181.6	
8 Bromomethane	94	0.892	0.898	-0.006	98	524221	200.0	178.6	
9 Chloroethane	64	0.910	0.910	0.000	100	464656	200.0	167.8	
10 Dichlorofluoromethane	67	1.008	1.008	0.000	98	1253082	200.0	182.2	
12 Pentane	72	1.014	1.014	0.000	96	200140	400.0	349.4	
11 Trichlorofluoromethane	101	1.032	1.032	0.000	99	962429	200.0	187.1	
14 Ethanol	46	1.112	1.112	0.000	71	105123	8000.0	8358.3	
13 Ethyl ether	59	1.112	1.118	-0.006	93	418406	200.0	171.0	
15 2-Methyl-1,3-butadiene	53	1.124	1.130	-0.006	99	588041	200.0	189.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.154	1.166	-0.012	93	524711	200.0	182.8	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.197	1.173	0.024	93	886280	200.0	182.2	Ma
18 Acrolein	56	1.172	1.179	-0.007	49	135866	507.0	531.3	
19 1,1-Dichloroethene	96	1.221	1.221	0.000	95	494532	200.0	180.2	
21 Acetone	43	1.252	1.258	-0.006	86	1062147	1000.0	1042.8	
20 112TCTFE	101	1.270	1.270	0.000	95	592427	200.0	184.0	a
22 Iodomethane	142	1.288	1.294	-0.006	99	888736	200.0	180.2	
23 Carbon disulfide	76	1.319	1.325	-0.006	100	2146079	200.0	185.1	
24 Isopropyl alcohol	45	1.355	1.374	-0.019	96	546765	2000.0	2035.6	
25 3-Chloro-1-propene	39	1.404	1.410	-0.006	90	880630	200.0	175.9	
26 Methyl acetate	43	1.422	1.422	0.000	99	843751	400.0	349.8	
27 Acetonitrile	39	1.441	1.447	-0.006	71	465135	2000.0	2211.9	a
28 Methylene Chloride	84	1.471	1.471	0.000	98	601942	200.0	169.3	
* 29 TBA-d9 (IS)	65	1.538	1.550	-0.012	0	366302	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.611	1.611	0.000	91	727498	2000.0	2008.3	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.611	1.618	-0.007	94	1920623	2000.0	2003.5	
32 trans-1,2-Dichloroethene	96	1.624	1.630	-0.006	98	549386	200.0	172.7	
33 Methyl tert-butyl ether	73	1.648	1.648	0.000	98	1598168	200.0	180.2	
34 Hexane	57	1.800	1.807	-0.007	94	965206	200.0	182.4	
35 1,1-Dichloroethane	63	1.886	1.886	0.000	99	1222718	200.0	182.8	
36 Vinyl acetate	86	1.935	1.941	-0.006	100	144821	400.0	365.7	
37 2-Chloro-1,3-butadiene	88	1.941	1.947	-0.006	92	572104	200.0	195.1	
38 Isopropyl ether	45	1.971	1.971	0.000	93	2481041	200.0	197.2	
39 Tert-butyl ethyl ether	87	2.233	2.227	0.006	88	726241	200.0	202.8	
* 40 2-Butanone-d5	46	2.282	2.288	-0.006	0	379929	250.0	250.0	a
41 cis-1,2-Dichloroethene	96	2.300	2.300	0.000	92	629819	200.0	193.5	
42 2,2-Dichloropropane	79	2.313	2.300	0.013	86	314565	200.0	180.1	
43 2-Butanone (MEK)	72	2.325	2.331	-0.006	99	320402	1000.0	1012.3	
44 Propionitrile	54	2.367	2.374	-0.007	97	824484	2000.0	2024.4	
45 Ethyl acetate	70	2.398	2.404	-0.006	99	97649	400.0	381.1	
62 Methyl acrylate	55	2.410	2.416	-0.006	99	591251	200.0	190.7	
46 Chlorobromomethane	128	2.477	2.477	0.000	95	276328	200.0	182.9	
47 Methacrylonitrile	67	2.483	2.483	0.000	95	2111151	2000.0	1886.8	
48 Tetrahydrofuran	72	2.526	2.526	0.000	95	137905	400.0	414.4	
49 Chloroform	83	2.569	2.569	0.000	97	1048732	200.0	188.7	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.697	0.000	95	147638	50.0	48.5	
51 1,1,1-Trichloroethane	97	2.703	2.703	0.000	98	950663	200.0	194.5	
52 Cyclohexane	84	2.751	2.745	0.006	95	1011516	200.0	206.9	
54 1,1-Dichloropropene	75	2.843	2.843	0.000	93	822059	200.0	196.4	
53 Carbon tetrachloride	117	2.843	2.855	-0.012	96	798373	200.0	195.2	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	170010	50.0	47.2	
56 Benzene	78	3.020	3.026	-0.006	97	2304183	200.0	186.9	
57 1,2-Dichloroethane	62	3.050	3.050	0.000	97	743629	200.0	183.0	
58 Isobutyl alcohol	42	3.093	3.123	-0.030	61	453042	5000.0	5109.5	a
59 Tert-amyl methyl ether	73	3.203	3.197	0.007	88	2119387	200.0	215.9	
73 Isopropyl acetate	43	3.203	3.209	-0.006	94	2917111	200.0	248.9	
* 60 Fluorobenzene	96	3.318	3.318	0.000	97	617865	50.0	50.0	
61 n-Heptane	43	3.367	3.373	-0.006	97	1236502	200.0	192.9	
63 Trichloroethene	95	3.709	3.709	0.000	96	559899	200.0	196.0	
64 n-Butanol	43	3.824	3.879	-0.055	92	176220	5000.0	5187.5	a
65 Methylcyclohexane	83	3.922	3.922	0.000	90	1180286	200.0	210.8	
66 Ethyl acrylate	55	3.928	3.922	0.006	97	1742079	200.0	209.5	
67 1,2-Dichloropropane	63	3.952	3.952	0.000	91	641795	200.0	198.5	
68 Dibromomethane	93	4.080	4.087	-0.007	95	306318	200.0	188.6	
* 69 1,4-Dioxane-d8	96	4.123	4.111	0.012	0	29856	1000.0	1000.0	
70 1,4-Dioxane	88	4.172	4.178	-0.006	84	108241	4000.0	3501.8	
71 Methyl methacrylate	100	4.215	4.221	-0.006	92	232874	400.0	417.6	
72 Dichlorobromomethane	83	4.324	4.324	0.000	98	728373	200.0	197.3	
81 n-Propyl acetate	43	4.330	4.337	-0.007	99	766054	200.0	210.2	
74 2-Nitropropane	41	4.635	4.635	0.000	98	257720	400.0	394.5	
75 2-Chloroethyl vinyl ether	63	4.806	4.806	0.000	94	172209	200.5	203.5	
76 Epichlorohydrin	57	4.836	4.843	-0.007	99	1022060	4000.0	4512.8	
77 cis-1,3-Dichloropropene	75	4.934	4.934	0.000	96	894943	200.0	212.4	
78 4-Methyl-2-pentanone (MIBK)	43	5.233	5.233	0.000	99	2843411	1000.0	1067.4	
$ 79 Toluene-d8 (Surr)	98	5.288	5.288	0.000	99	587705	50.0	50.5	
80 Toluene	91	5.379	5.379	0.000	93	2314584	200.0	193.4	
82 trans-1,3-Dichloropropene	75	5.800	5.800	0.000	98	742108	200.0	212.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.056	6.056	0.000	94	358347	200.0	193.4	
84 Ethyl methacrylate	69	6.080	6.080	0.000	93	623493	200.0	225.3	a
85 Tetrachloroethene	166	6.208	6.208	0.000	94	509554	200.0	197.0	
86 1,3-Dichloropropane	76	6.300	6.300	0.000	97	738781	200.0	191.2	
87 2-Hexanone	43	6.586	6.592	-0.006	99	1860221	1000.0	1070.9	
88 Chlorodibromomethane	129	6.653	6.647	0.006	98	466929	200.0	207.6	
89 Ethylene Dibromide	107	6.763	6.763	0.000	99	398902	200.0	199.0	
90 n-Butyl acetate	43	6.921	6.934	-0.013	99	787544	200.0	213.5	
* 91 Chlorobenzene-d5	117	7.647	7.647	0.000	88	401517	50.0	50.0	
92 Chlorobenzene	112	7.696	7.696	0.000	92	1338644	200.0	194.4	
93 1,1,1,2-Tetrachloroethane	131	7.915	7.915	0.000	95	518986	200.0	207.0	
94 Ethylbenzene	106	7.994	7.994	0.000	99	786898	200.0	210.9	
95 m-Xylene & p-Xylene	106	8.244	8.238	0.006	98	950165	200.0	219.5	
96 o-Xylene	106	8.976	8.982	-0.006	93	950012	200.0	218.5	
97 Styrene	104	9.025	9.019	0.006	95	1572999	200.0	206.6	
98 n-Butyl acrylate	73	9.220	9.226	-0.006	97	352981	200.0	200.5	
99 Bromoform	173	9.262	9.262	0.000	95	292514	200.0	215.3	
101 Amyl acetate (mixed isomers)	43	9.701	9.707	-0.006	89	930968	200.0	199.5	
102 Isopropylbenzene	105	9.732	9.726	0.006	97	2694066	200.0	204.5	
$ 103 4-Bromofluorobenzene	174	9.933	9.933	0.000	86	157088	50.0	48.0	
104 Bromobenzene	156	10.104	10.104	0.000	96	551935	200.0	190.6	
105 1,2,3-Trichloropropane	110	10.329	10.329	0.000	97	147596	200.0	182.5	
106 1,1,2,2-Tetrachloroethane	83	10.354	10.354	0.000	99	551127	200.0	178.4	
107 trans-1,4-Dichloro-2-butene	53	10.457	10.457	0.000	91	185534	200.0	198.7	
108 N-Propylbenzene	120	10.482	10.482	0.000	98	691152	200.0	206.3	
109 2-Chlorotoluene	126	10.518	10.518	0.000	96	600465	200.0	200.4	
110 4-Ethyltoluene	105	10.707	10.701	0.006	98	2608820	200.0	215.6	
111 4-Chlorotoluene	91	10.732	10.726	0.006	99	2161609	200.0	203.6	
112 1,3,5-Trimethylbenzene	105	10.835	10.835	0.000	92	2280726	200.0	215.7	
100 Butyl Methacrylate	87	11.219	11.219	0.000	97	673631	200.0	201.5	
113 tert-Butylbenzene	119	11.366	11.360	0.006	93	1816098	200.0	218.7	
114 1,2,4-Trimethylbenzene	105	11.457	11.451	0.006	98	2299953	200.0	218.6	
115 sec-Butylbenzene	105	11.756	11.756	0.000	99	3013444	200.0	220.7	
116 1,3-Dichlorobenzene	146	11.823	11.817	0.006	95	1153806	200.0	197.5	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	97	232531	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.006	12.006	0.000	93	1135011	200.0	189.2	
119 4-Isopropyltoluene	119	12.091	12.085	0.006	97	2518542	200.0	218.2	
120 1,2,3-Trimethylbenzene	105	12.189	12.189	0.000	99	2532820	200.0	225.0	
121 Benzyl chloride	126	12.341	12.341	0.000	98	207862	200.0	199.5	
122 2,3-Dihydroindene	117	12.518	12.512	0.006	94	2233396	200.0	212.2	
123 1,2-Dichlorobenzene	146	12.701	12.695	0.006	95	1119336	200.0	201.6	
124 p-Diethylbenzene	119	12.835	12.829	0.006	91	1322874	200.0	203.9	
125 n-Butylbenzene	92	12.859	12.853	0.006	98	1423113	200.0	199.8	
126 1,2-Dibromo-3-Chloropropane	157	13.609	13.609	0.000	95	100476	200.0	185.2	
127 1,2,4,5-Tetramethylbenzene	119	13.646	13.646	0.000	97	2220647	200.0	206.2	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	97	907428	200.0	207.6	
129 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	94	739678	200.0	194.4	
130 Hexachlorobutadiene	225	14.383	14.383	0.000	91	418587	200.0	201.9	
131 Naphthalene	128	14.383	14.389	-0.006	99	1819280	200.0	210.4	
132 1,2,3-Trichlorobenzene	180	14.548	14.548	0.000	95	715702	200.0	191.8	
S 133 1,2-Dichloroethene, Total	100				0		400.0	366.1	
S 134 1,3-Dichloropropene, Total	100				0		400.0	424.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		400.0	438.0	
S 136 Total BTEX	1				0		1000.0	1029.3	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GAS Hi_00411	Amount Added:	2.00	Units: uL	
Ethanol mix_00063	Amount Added:	2.00	Units: uL	
ACROLEIN W_00138	Amount Added:	5.00	Units: uL	
8FreonHi_00043	Amount Added:	2.00	Units: uL	
MIX I Hi_00149	Amount Added:	2.00	Units: uL	
MIX 2 Hi_00122	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 06-Apr-2022 08:40:54 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85239.D

Injection Date: 05-Apr-2022 09:05:30 Instrument ID: CVOAMS2 Operator ID:

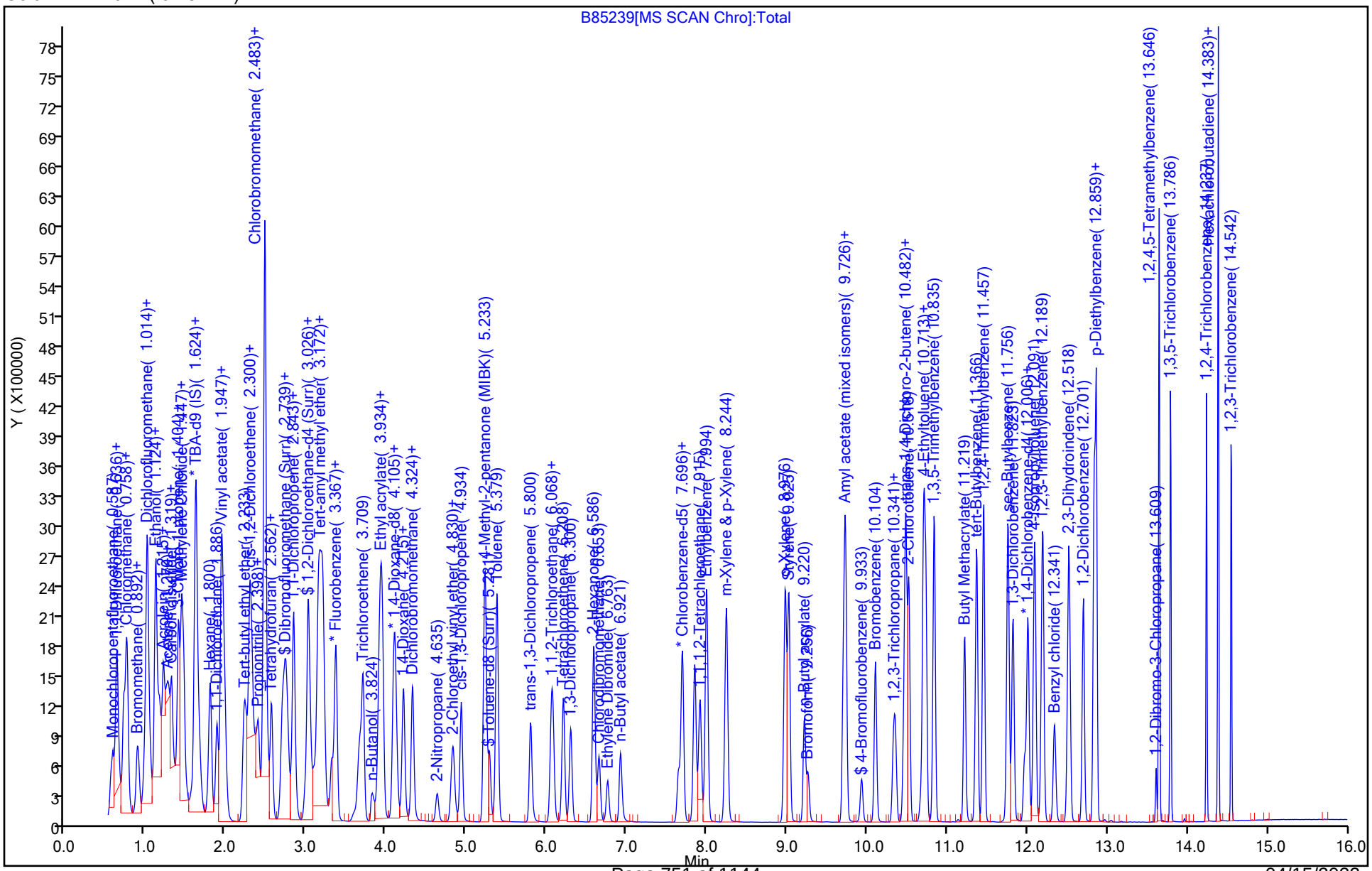
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

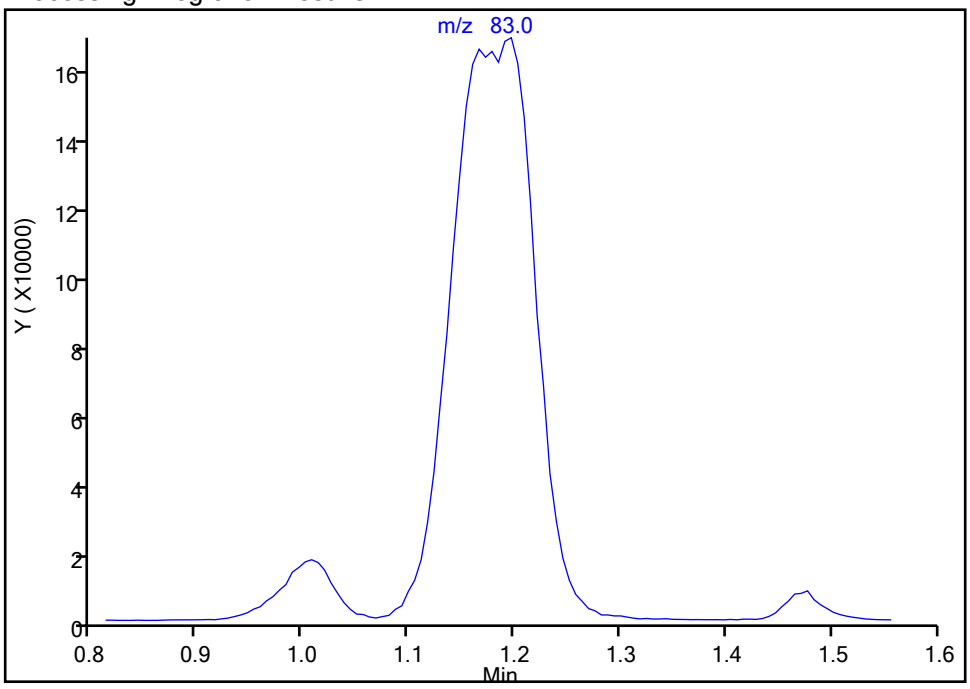
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85239.D
Injection Date: 05-Apr-2022 09:05:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

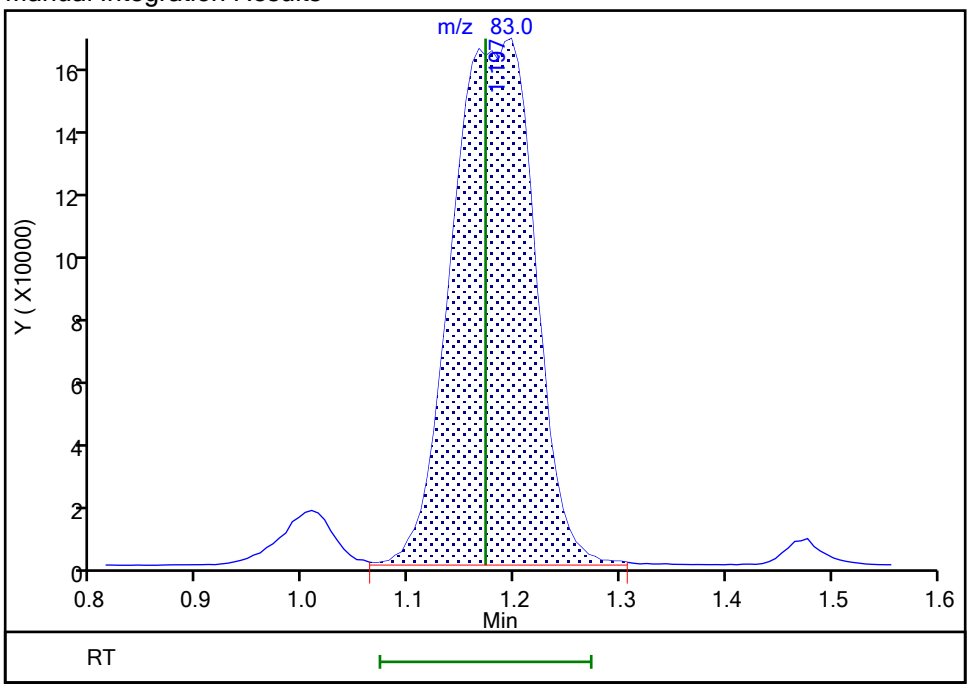
Not Detected
Expected RT: 1.17

Processing Integration Results



Manual Integration Results

RT: 1.20
Area: 886280
Amount: 182.2380
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:25:41
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

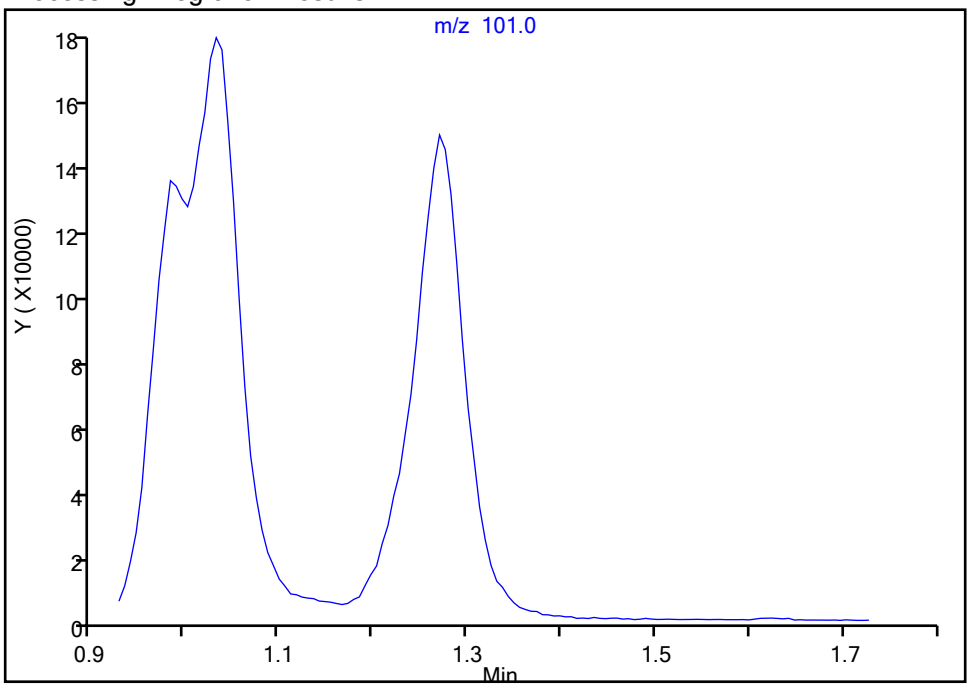
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85239.D
Injection Date: 05-Apr-2022 09:05:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

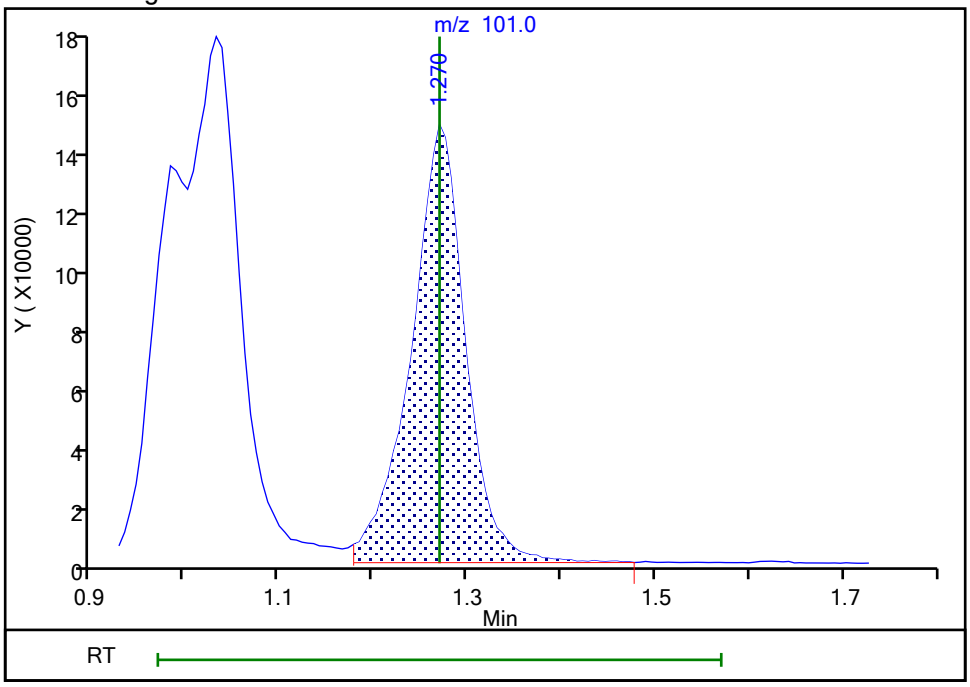
Not Detected
Expected RT: 1.27

Processing Integration Results



Manual Integration Results

RT: 1.27
Area: 592427
Amount: 183.9838
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:12:29
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

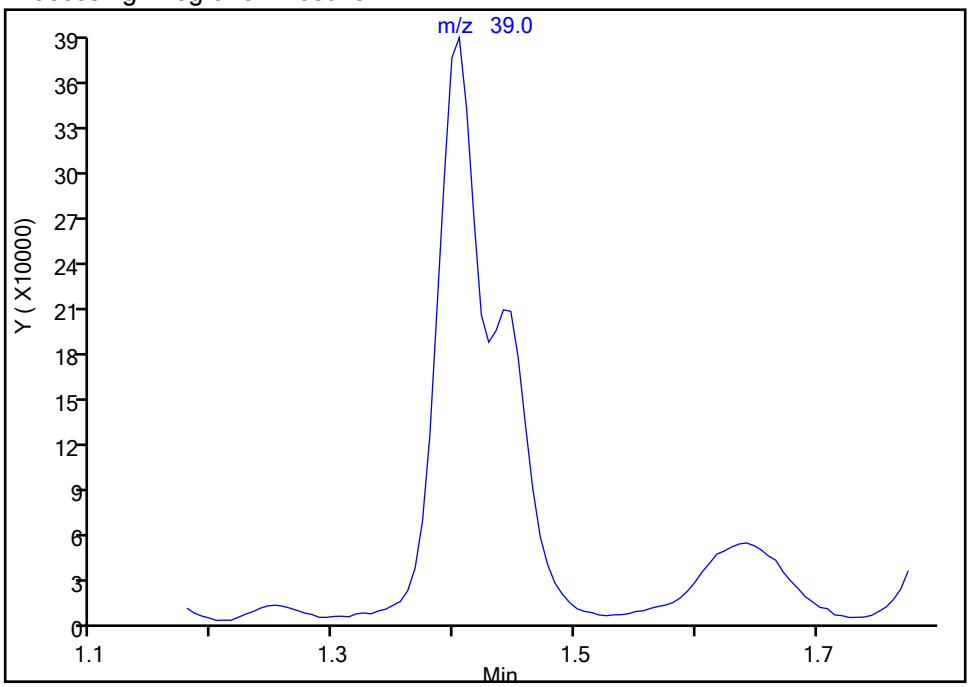
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85239.D
Injection Date: 05-Apr-2022 09:05:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

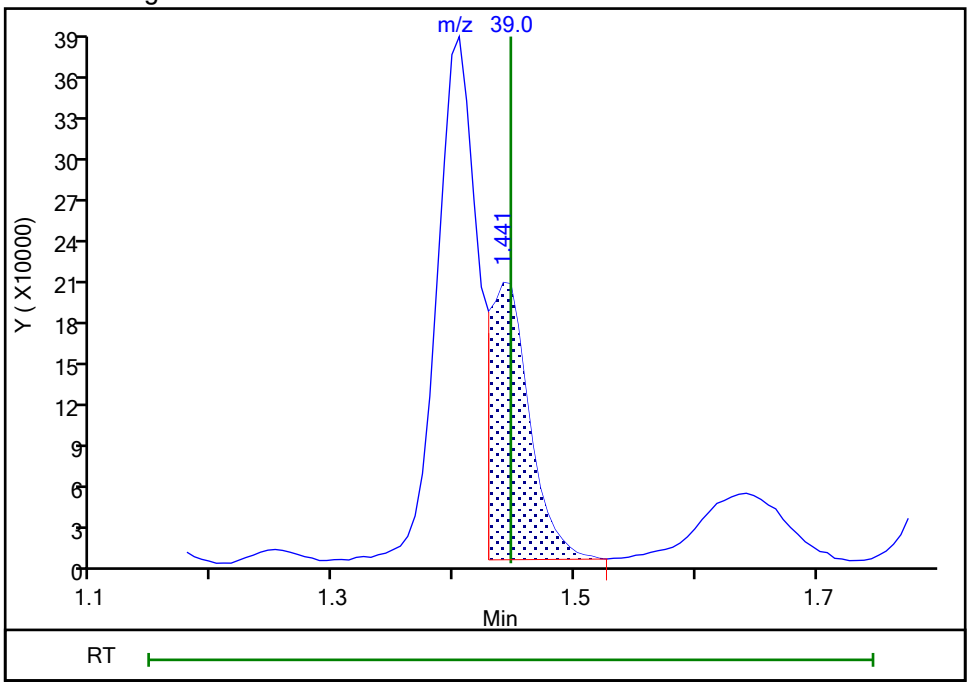
Not Detected
Expected RT: 1.45

Processing Integration Results



Manual Integration Results

RT: 1.44
Area: 465135
Amount: 2211.9164
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:12:38
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

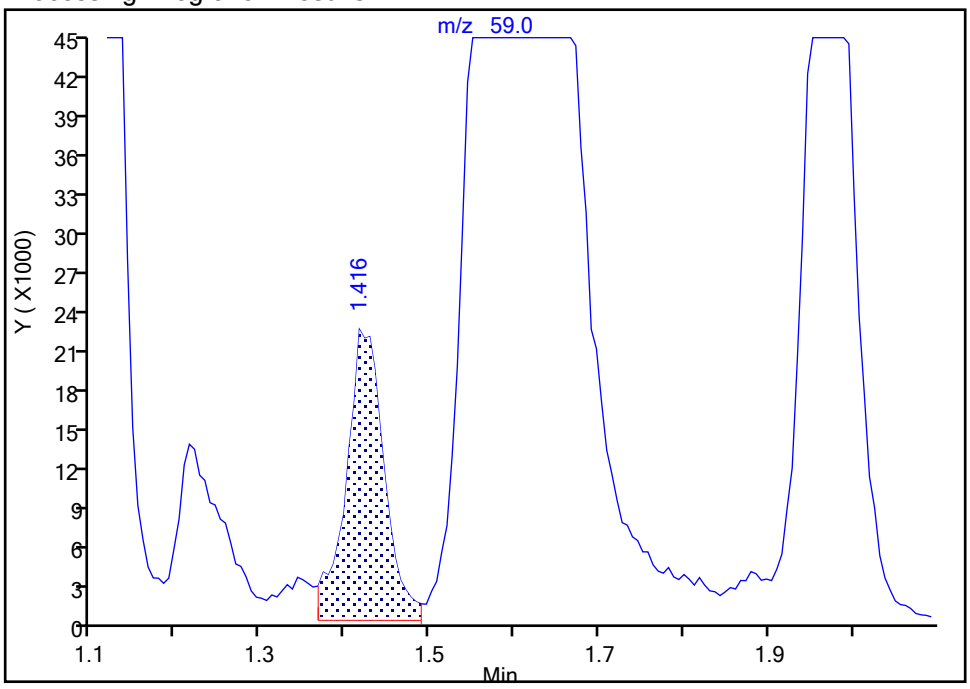
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85239.D
Injection Date: 05-Apr-2022 09:05:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

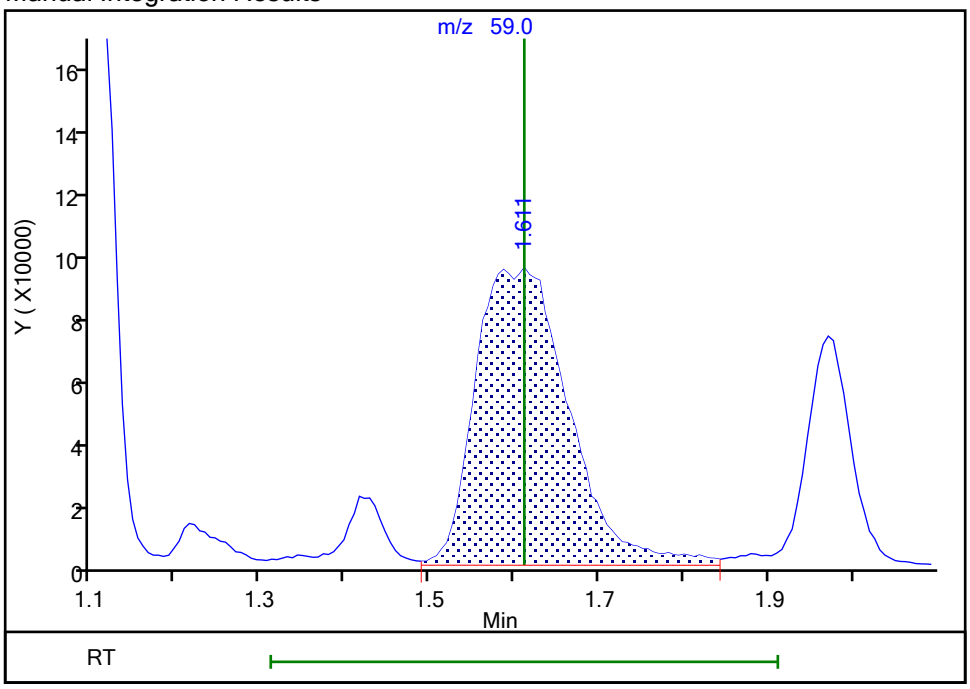
Processing Integration Results

RT: 1.42
Area: 68857
Amount: 223.5273
Amount Units: ug/l



Manual Integration Results

RT: 1.61
Area: 727498
Amount: 2008.3193
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:12:42
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

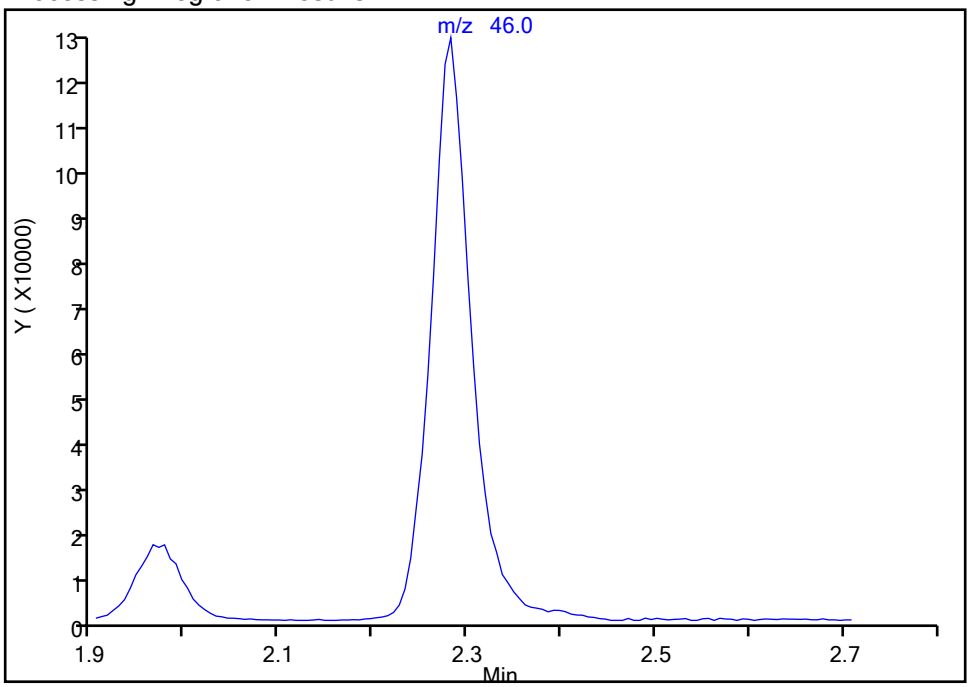
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85239.D
Injection Date: 05-Apr-2022 09:05:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

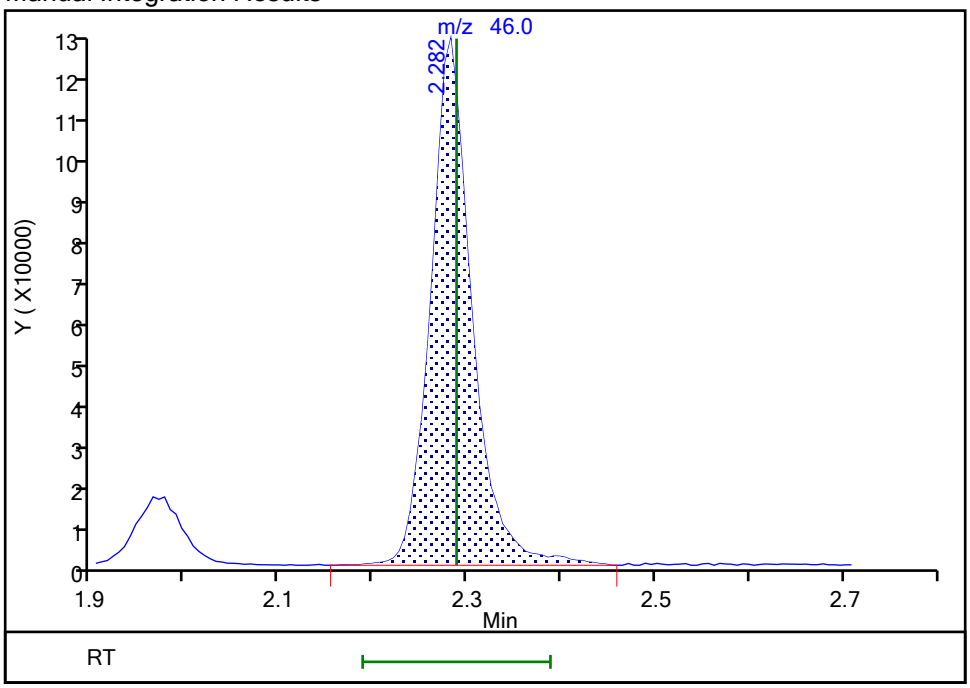
Not Detected
Expected RT: 2.29

Processing Integration Results



Manual Integration Results

RT: 2.28
Area: 379929
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:11:58
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

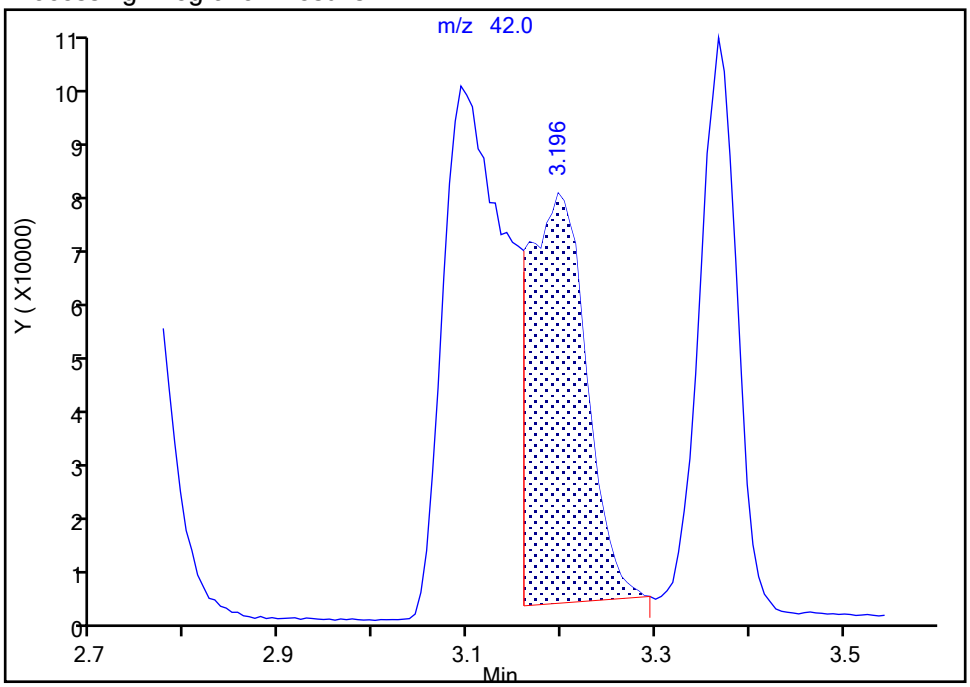
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85239.D
Injection Date: 05-Apr-2022 09:05:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

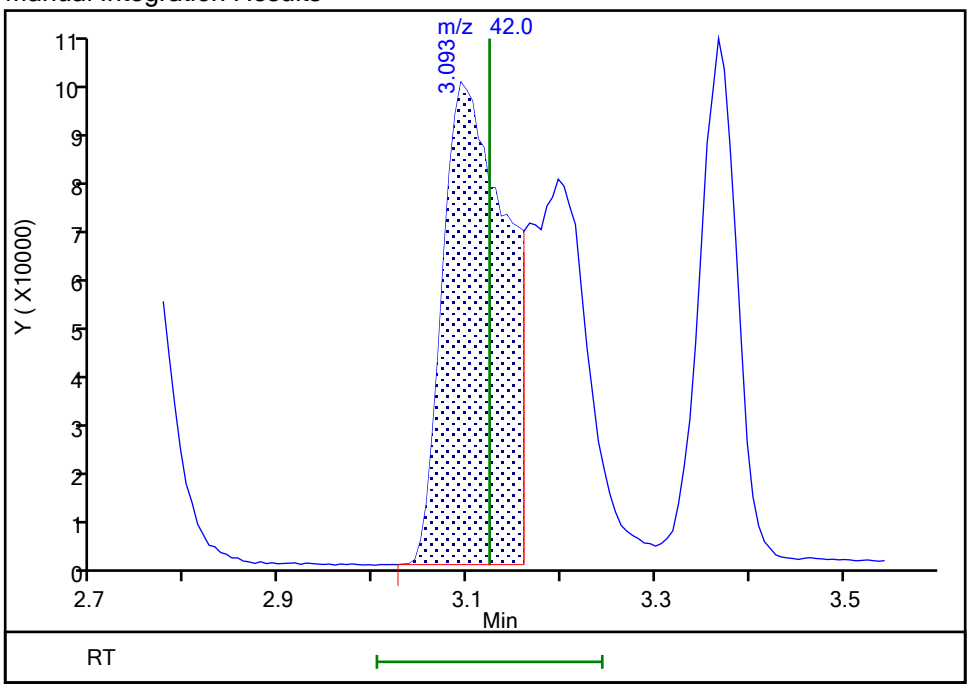
Processing Integration Results

RT: 3.20
Area: 310896
Amount: 4878.1745
Amount Units: ug/l



Manual Integration Results

RT: 3.09
Area: 453042
Amount: 5109.5410
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:12:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

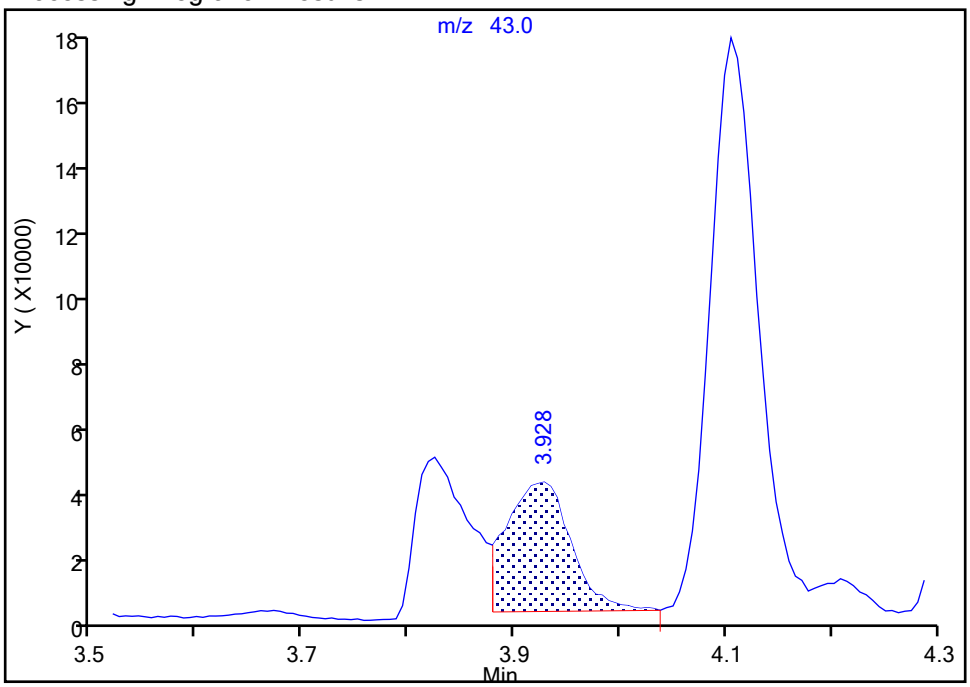
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85239.D
Injection Date: 05-Apr-2022 09:05:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 n-Butanol, CAS: 71-36-3

Signal: 1

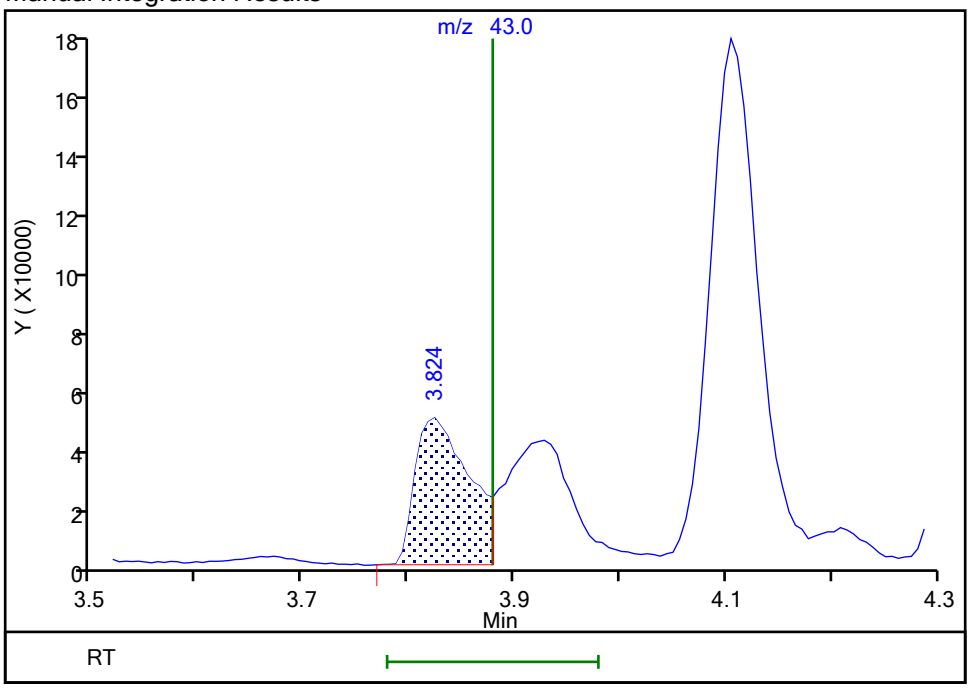
Processing Integration Results

RT: 3.93
Area: 166142
Amount: 5233.7659
Amount Units: ug/l



Manual Integration Results

RT: 3.82
Area: 176220
Amount: 5187.5422
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:13:04
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

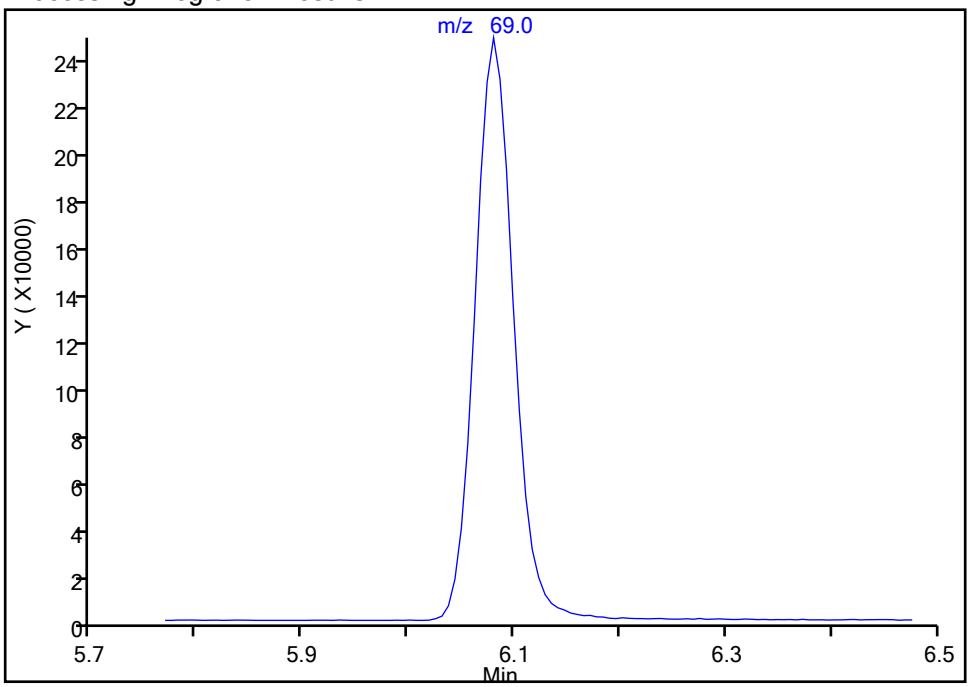
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85239.D
Injection Date: 05-Apr-2022 09:05:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

84 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

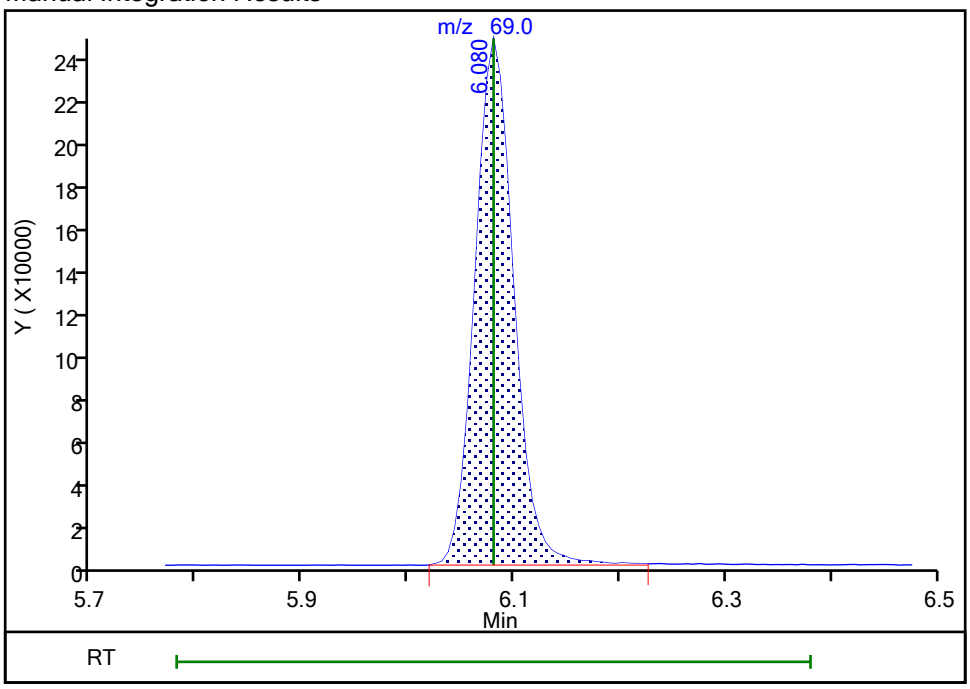
Not Detected
Expected RT: 6.08

Processing Integration Results



Manual Integration Results

RT: 6.08
Area: 623493
Amount: 225.2828
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:13:15
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85240.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 05-Apr-2022 09:28:30 ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0143609-009
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Apr-2022 08:41:01 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: tupayachia Date: 05-Apr-2022 09:56:45

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	0.587	0.587	0.000	81	185594	500.0	478.9	a
2	1,1-Difluoroethane	51	0.636	0.636	0.000	92	4011083	500.0	422.0	
3	Dichlorodifluoromethane	85	0.642	0.648	-0.006	96	2823529	500.0	461.6	
4	Chlorodifluoromethane	67	0.642	0.648	-0.006	96	380385	500.0	457.1	
5	Chloromethane	50	0.721	0.721	0.000	99	3553822	500.0	412.3	
6	Butadiene	54	0.764	0.764	0.000	95	2367317	500.0	440.3	
7	Vinyl chloride	62	0.758	0.764	-0.006	98	2390929	500.0	410.3	
8	Bromomethane	94	0.892	0.898	-0.006	99	1144907	500.0	357.1	
9	Chloroethane	64	0.910	0.910	0.000	99	974333	500.0	322.0	
10	Dichlorofluoromethane	67	1.014	1.008	0.006	98	2756880	500.0	367.0	
12	Pentane	72	1.014	1.014	0.000	96	453161	1000.0	724.1	
11	Trichlorofluoromethane	101	1.032	1.032	0.000	97	2236722	500.0	397.9	
14	Ethanol	46	1.105	1.112	-0.007	93	239848	20000	17684	M
13	Ethyl ether	59	1.111	1.118	-0.007	93	983270	500.0	367.8	
15	2-Methyl-1,3-butadiene	53	1.124	1.130	-0.006	98	1390868	500.0	410.1	
16	1,2-Dichloro-1,1,2-trifluoroetha	117	1.166	1.166	0.000	93	1284822	500.0	409.6	
17	1,1,1-Trifluoro-2,2-dichloroetha	83	1.197	1.173	0.024	93	2178303	500.0	409.9	a
18	Acrolein	56	1.172	1.179	-0.007	37	153197	608.4	555.6	
19	1,1-Dichloroethene	96	1.221	1.221	0.000	94	1242677	500.0	414.4	
21	Acetone	43	1.252	1.258	-0.006	85	2525005	2500.0	2292.3	
20	112TCTFE	101	1.270	1.270	0.000	95	1481357	500.0	421.0	a
22	Iodomethane	142	1.288	1.294	-0.006	99	2239937	500.0	415.6	
23	Carbon disulfide	76	1.319	1.325	-0.006	100	5434423	500.0	428.9	
24	Isopropyl alcohol	45	1.355	1.374	-0.019	96	1377697	5000.0	4756.4	
25	3-Chloro-1-propene	39	1.404	1.410	-0.006	91	2279914	500.0	416.8	
26	Methyl acetate	43	1.428	1.422	0.006	99	2125419	1000.0	806.3	
27	Acetonitrile	39	1.441	1.447	-0.006	71	1233154	5000.0	5437.9	a
28	Methylene Chloride	84	1.471	1.471	0.000	98	1542950	500.0	397.1	
* 29	TBA-d9 (IS)	65	1.544	1.550	-0.006	0	395014	1000.0	1000.0	Ma
30	2-Methyl-2-propanol	59	1.611	1.611	0.000	46	1894034	5000.0	4848.6	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.617	1.618	-0.001	94	4784754	5000.0	4628.5	
32 trans-1,2-Dichloroethene	96	1.623	1.630	-0.007	99	1382774	500.0	397.7	
33 Methyl tert-butyl ether	73	1.654	1.648	0.006	97	4099761	500.0	423.1	
34 Hexane	57	1.800	1.807	-0.007	94	2580255	500.0	446.4	
35 1,1-Dichloroethane	63	1.886	1.886	0.000	99	3342575	500.0	457.4	
36 Vinyl acetate	86	1.940	1.941	-0.001	100	449982	1000.0	1050.7	
37 2-Chloro-1,3-butadiene	88	1.947	1.947	0.000	93	1577530	500.0	492.4	
38 Isopropyl ether	45	1.977	1.971	0.006	96	6707957	500.0	487.9	
39 Tert-butyl ethyl ether	87	2.239	2.227	0.012	88	2022455	500.0	516.8	
* 40 2-Butanone-d5	46	2.288	2.288	0.000	0	410890	250.0	250.0	a
41 cis-1,2-Dichloroethene	96	2.300	2.300	0.000	91	1730169	500.0	486.4	
42 2,2-Dichloropropane	79	2.318	2.300	0.018	91	861405	500.0	451.3	
43 2-Butanone (MEK)	72	2.331	2.331	0.000	100	865423	2500.0	2528.1	
44 Propionitrile	54	2.373	2.374	-0.001	97	2274891	5000.0	5164.7	
45 Ethyl acetate	70	2.404	2.404	0.000	99	282386	1000.0	1019.1	
62 Methyl acrylate	55	2.416	2.416	0.000	99	1639411	500.0	483.9	
46 Chlorobromomethane	128	2.483	2.477	0.006	96	741881	500.0	449.5	
47 Methacrylonitrile	67	2.495	2.483	0.012	95	5706385	5000.0	4667.3	
48 Tetrahydrofuran	72	2.532	2.526	0.006	94	381613	1000.0	1060.3	
49 Chloroform	83	2.568	2.569	-0.001	98	2904548	500.0	478.3	
$ 50 Dibromofluoromethane (Surr)	113	2.703	2.697	0.005	95	164018	50.0	49.3	
51 1,1,1-Trichloroethane	97	2.709	2.703	0.006	98	2651616	500.0	496.5	
52 Cyclohexane	84	2.751	2.745	0.006	95	2782520	500.0	520.8	
54 1,1-Dichloropropene	75	2.843	2.843	0.000	93	2336777	500.0	510.8	
53 Carbon tetrachloride	117	2.849	2.855	-0.006	96	2235921	500.0	500.4	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.983	2.977	0.006	0	189738	50.0	48.2	
56 Benzene	78	3.026	3.026	0.000	97	6458883	500.0	473.1	
57 1,2-Dichloroethane	62	3.056	3.050	0.006	97	2072709	500.0	466.8	
58 Isobutyl alcohol	42	3.105	3.123	-0.018	59	1292161	12500	12487	a
59 Tert-amyl methyl ether	73	3.209	3.197	0.012	86	5988782	500.0	558.4	
73 Isopropyl acetate	43	3.209	3.209	-0.001	92	8329152	500.0	650.5	
* 60 Fluorobenzene	96	3.318	3.318	0.000	95	675132	50.0	50.0	a
61 n-Heptane	43	3.367	3.373	-0.006	97	3320208	500.0	474.0	
63 Trichloroethene	95	3.708	3.709	-0.001	96	1565481	500.0	501.4	
64 n-Butanol	43	3.818	3.879	-0.061	90	557128	12500	12481	a
65 Methylcyclohexane	83	3.928	3.922	0.006	85	3317912	500.0	542.2	
66 Ethyl acrylate	55	3.934	3.922	0.012	97	4888562	500.0	538.1	
67 1,2-Dichloropropane	63	3.958	3.952	0.006	94	1739982	500.0	492.6	
68 Dibromomethane	93	4.086	4.087	-0.001	94	847532	500.0	477.5	
* 69 1,4-Dioxane-d8	96	4.123	4.111	0.012	0	38783	1000.0	1000.0	
70 1,4-Dioxane	88	4.178	4.178	0.000	85	313414	10000	7794.8	
71 Methyl methacrylate	100	4.221	4.221	-0.001	92	646649	1000.0	1061.2	
72 Dichlorobromomethane	83	4.330	4.324	0.006	99	2033961	500.0	504.1	
81 n-Propyl acetate	43	4.330	4.337	-0.007	99	2137934	500.0	536.8	
74 2-Nitropropane	41	4.635	4.635	0.000	97	735123	1000.0	1000.7	
75 2-Chloroethyl vinyl ether	63	4.812	4.806	0.006	94	523633	501.2	494.8	
76 Epichlorohydrin	57	4.842	4.843	-0.001	99	2869093	10000	11714	
77 cis-1,3-Dichloropropene	75	4.940	4.934	0.006	96	2495658	500.0	534.8	
78 4-Methyl-2-pentanone (MIBK)	43	5.239	5.233	0.006	98	7791548	2500.0	2704.4	
$ 79 Toluene-d8 (Surr)	98	5.293	5.288	0.005	98	640432	50.0	49.7	
80 Toluene	91	5.385	5.379	0.006	93	6370383	500.0	480.7	
82 trans-1,3-Dichloropropene	75	5.799	5.800	-0.001	98	2137757	500.0	552.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.062	6.056	0.006	95	988534	500.0	481.7	
84 Ethyl methacrylate	69	6.080	6.080	0.000	96	1791403	500.0	592.4	
85 Tetrachloroethene	166	6.214	6.208	0.006	95	1424279	500.0	497.1	
86 1,3-Dichloropropane	76	6.305	6.300	0.005	96	2087963	500.0	487.9	
87 2-Hexanone	43	6.592	6.592	0.000	99	5175661	2500.0	2429.8	
88 Chlorodibromomethane	129	6.659	6.647	0.012	98	1335075	500.0	536.0	
89 Ethylene Dibromide	107	6.769	6.763	0.006	99	1134070	500.0	510.7	
90 n-Butyl acetate	43	6.921	6.934	-0.013	99	2288360	500.0	560.2	
* 91 Chlorobenzene-d5	117	7.647	7.647	0.000	88	444683	50.0	50.0	
92 Chlorobenzene	112	7.702	7.696	0.006	92	3830529	500.0	502.3	
93 1,1,1,2-Tetrachloroethane	131	7.921	7.915	0.006	95	1496642	500.0	538.9	
94 Ethylbenzene	106	8.000	7.994	0.006	99	2242021	500.0	542.6	
95 m-Xylene & p-Xylene	106	8.250	8.238	0.012	98	2727559	500.0	569.0	
96 o-Xylene	106	8.982	8.982	0.000	93	2715529	500.0	563.9	
97 Styrene	104	9.031	9.019	0.012	95	4552680	500.0	490.9	
98 n-Butyl acrylate	73	9.220	9.226	-0.006	96	1030503	500.0	499.9	
99 Bromoform	173	9.268	9.262	0.006	95	867918	500.0	576.8	
101 Amyl acetate (mixed isomers)	43	9.707	9.707	0.000	89	2749370	500.0	500.0	
102 Isopropylbenzene	105	9.732	9.726	0.006	97	7742244	500.0	530.0	
$ 103 4-Bromofluorobenzene	174	9.939	9.933	0.006	88	176977	50.0	47.7	
104 Bromobenzene	156	10.110	10.104	0.006	96	1606495	500.0	489.2	
105 1,2,3-Trichloropropane	110	10.335	10.329	0.006	98	425125	500.0	463.6	
106 1,1,2,2-Tetrachloroethane	83	10.360	10.354	0.006	98	1611179	500.0	460.0	
107 trans-1,4-Dichloro-2-butene	53	10.463	10.457	0.006	90	548405	500.0	518.1	
108 N-Propylbenzene	120	10.494	10.482	0.012	98	2011672	500.0	529.5	
109 2-Chlorotoluene	126	10.530	10.518	0.012	98	1738471	500.0	511.7	
110 4-Ethyltoluene	105	10.713	10.701	0.012	99	7661702	500.0	558.6	
111 4-Chlorotoluene	91	10.738	10.726	0.012	99	6389922	500.0	530.8	
112 1,3,5-Trimethylbenzene	105	10.847	10.835	0.012	92	6730456	500.0	561.5	
100 Butyl Methacrylate	87	11.225	11.219	0.006	98	2042222	500.0	499.8	
113 tert-Butylbenzene	119	11.372	11.360	0.012	93	5477611	500.0	581.9	
114 1,2,4-Trimethylbenzene	105	11.463	11.451	0.012	98	6865731	500.0	575.7	
115 sec-Butylbenzene	105	11.768	11.756	0.012	99	8930007	500.0	577.0	
116 1,3-Dichlorobenzene	146	11.829	11.817	0.012	95	3395781	500.0	512.8	
* 117 1,4-Dichlorobenzene-d4	152	11.969	11.963	0.006	95	263641	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.012	12.006	0.006	93	3359017	500.0	493.9	
119 4-Isopropyltoluene	119	12.103	12.085	0.018	97	7518719	500.0	574.4	
120 1,2,3-Trimethylbenzene	105	12.201	12.189	0.012	99	7555482	500.0	592.0	
121 Benzyl chloride	126	12.347	12.341	0.006	98	639264	500.0	500.0	
122 2,3-Dihydroindene	117	12.530	12.512	0.018	94	6532207	500.0	488.2	
123 1,2-Dichlorobenzene	146	12.707	12.695	0.012	94	3291473	500.0	522.9	
124 p-Diethylbenzene	119	12.841	12.829	0.012	89	3992393	500.0	541.7	
125 n-Butylbenzene	92	12.865	12.853	0.012	98	4260738	500.0	526.8	
126 1,2-Dibromo-3-Chloropropane	157	13.609	13.609	0.000	95	317151	500.0	515.6	
127 1,2,4,5-Tetramethylbenzene	119	13.652	13.646	0.006	96	7375575	500.0	493.6	
128 1,3,5-Trichlorobenzene	180	13.792	13.786	0.006	97	2998331	500.0	604.9	
129 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	94	2558091	500.0	592.9	
130 Hexachlorobutadiene	225	14.383	14.383	0.000	89	1442196	500.0	613.5	
131 Naphthalene	128	14.383	14.389	-0.006	99	6306964	500.0	643.5	
132 1,2,3-Trichlorobenzene	180	14.548	14.548	0.000	96	2463482	500.0	582.3	
S 133 1,2-Dichloroethene, Total	100				0		1000.0	884.1	
S 134 1,3-Dichloropropene, Total	100				0		1000.0	1087.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		1000.0	1132.9	
S 136 Total BTEX	1				0		2500.0	2629.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS Hi_00411	Amount Added:	5.00	Units: uL		
Ethanol mix_00063	Amount Added:	5.00	Units: uL		
ACROLEIN W_00138	Amount Added:	6.00	Units: uL		
8FreonHi_00043	Amount Added:	5.00	Units: uL		
MIX I Hi_00149	Amount Added:	5.00	Units: uL		
MIX 2 Hi_00122	Amount Added:	5.00	Units: uL		
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 06-Apr-2022 08:41:02 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85240.D

Injection Date: 05-Apr-2022 09:28:30 Instrument ID: CVOAMS2 Operator ID:

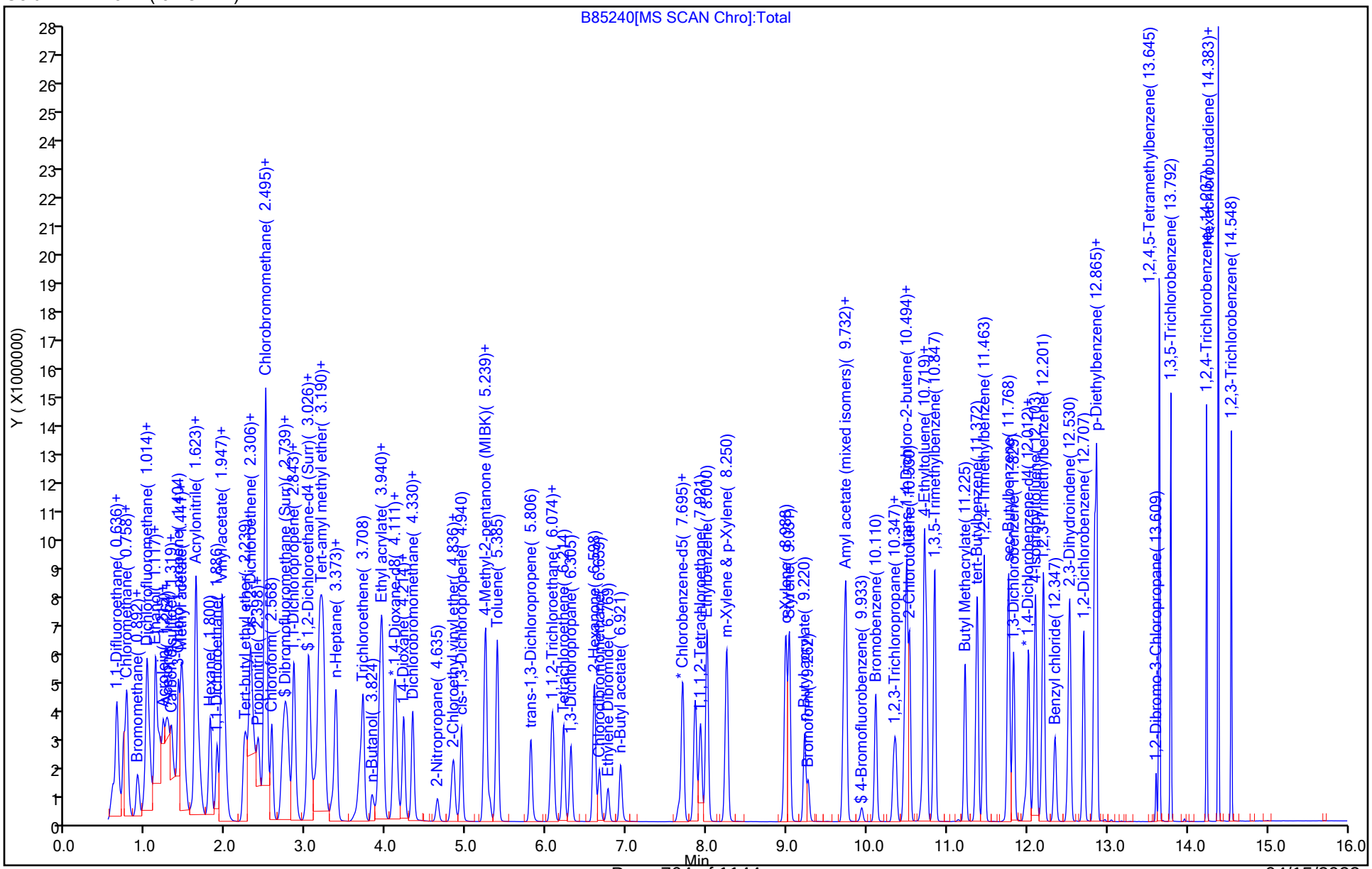
Lims ID: STD500 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

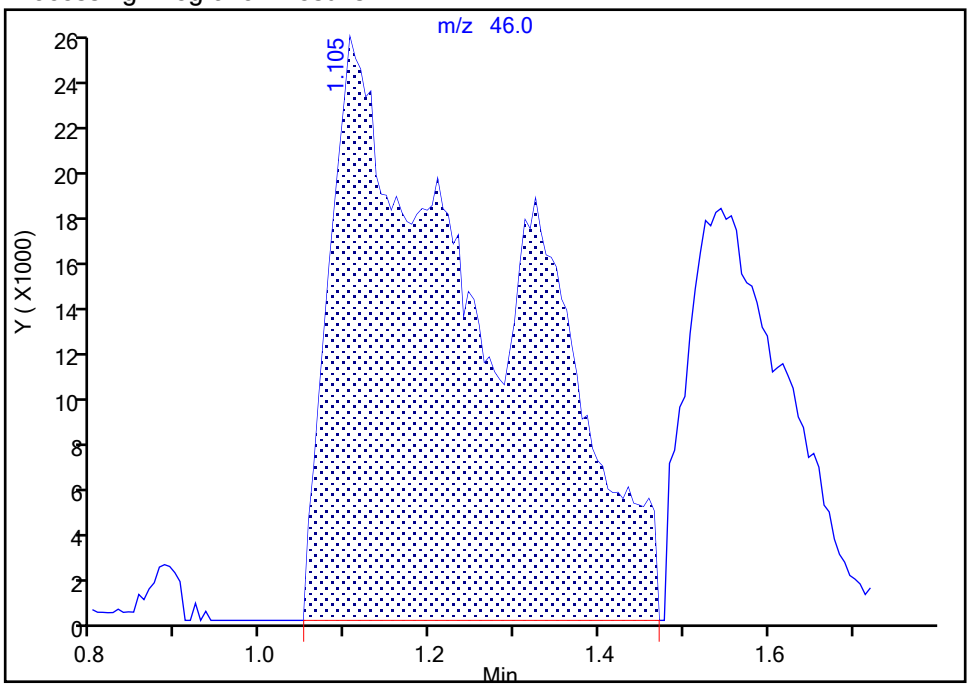
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85240.D
Injection Date: 05-Apr-2022 09:28:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

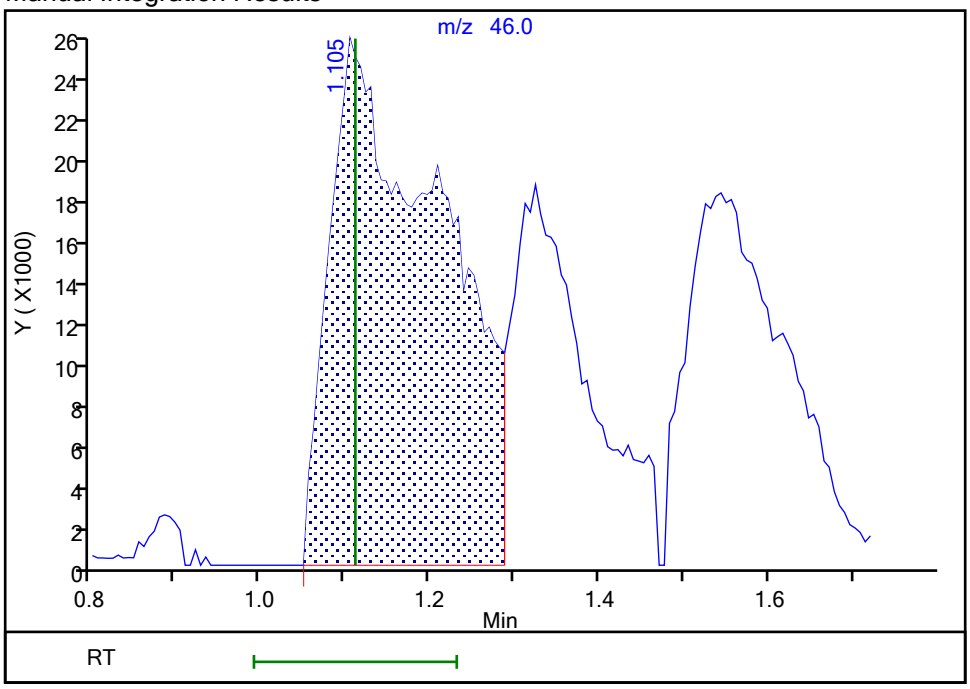
Processing Integration Results

RT: 1.11
Area: 351329
Amount: 24243
Amount Units: ug/l



Manual Integration Results

RT: 1.11
Area: 239848
Amount: 17684
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:14:27
Audit Action: Split an Integrated Peak Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

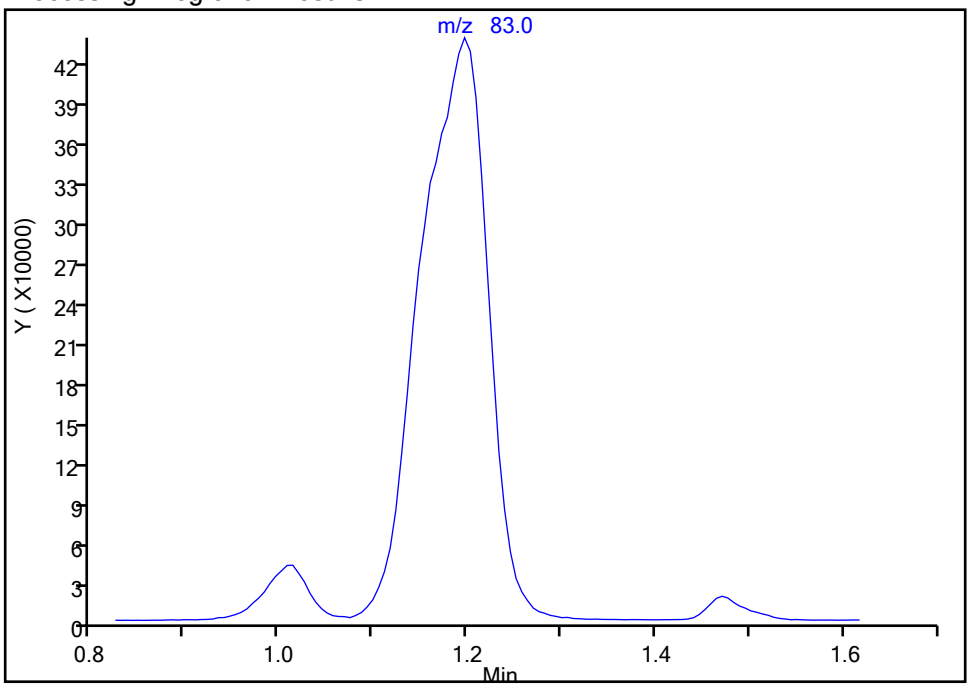
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85240.D
Injection Date: 05-Apr-2022 09:28:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

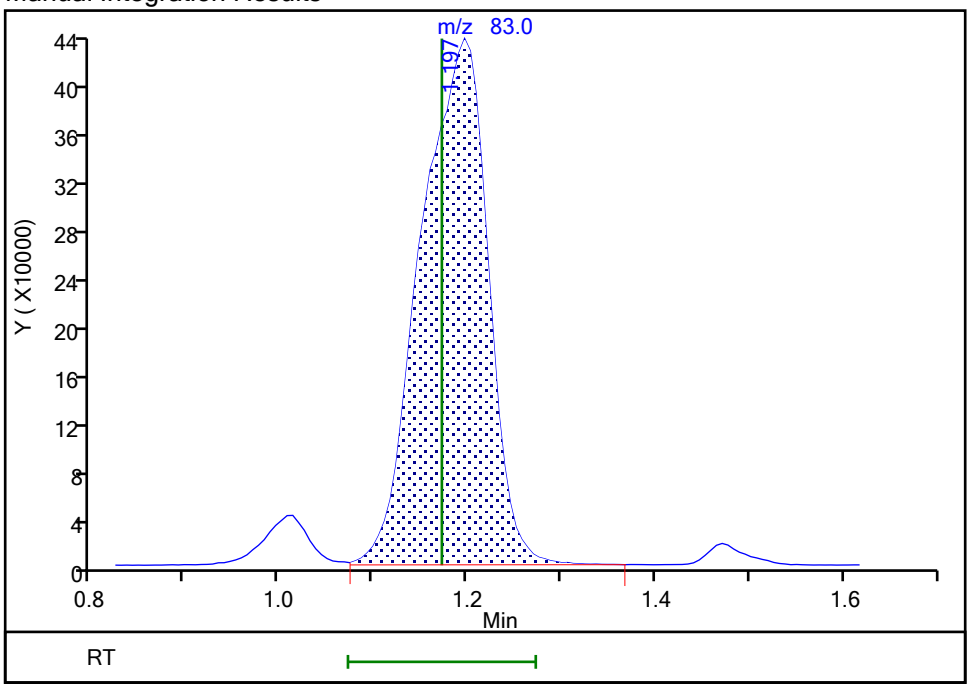
Not Detected
Expected RT: 1.17

Processing Integration Results



Manual Integration Results

RT: 1.20
Area: 2178303
Amount: 409.9126
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:14:34
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

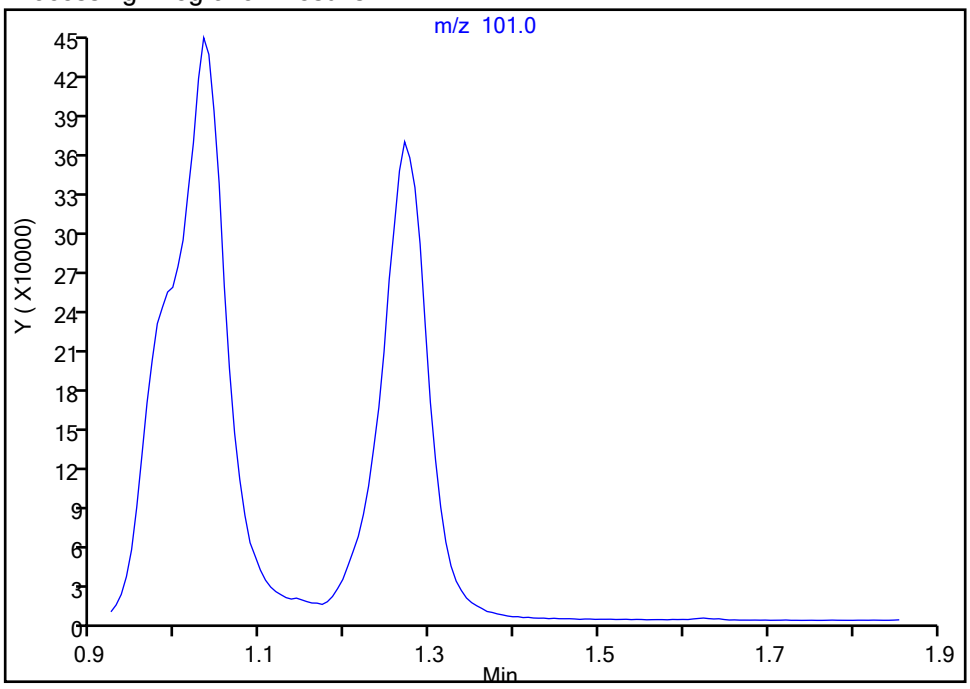
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85240.D
Injection Date: 05-Apr-2022 09:28:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

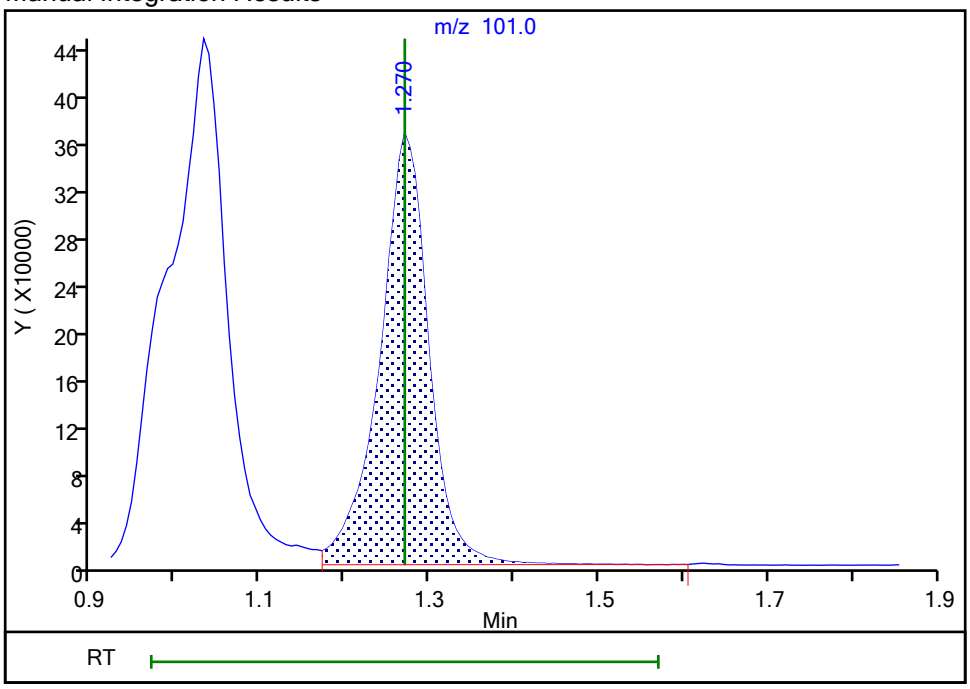
Not Detected
Expected RT: 1.27

Processing Integration Results



Manual Integration Results

RT: 1.27
Area: 1481357
Amount: 421.0265
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:14:41
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

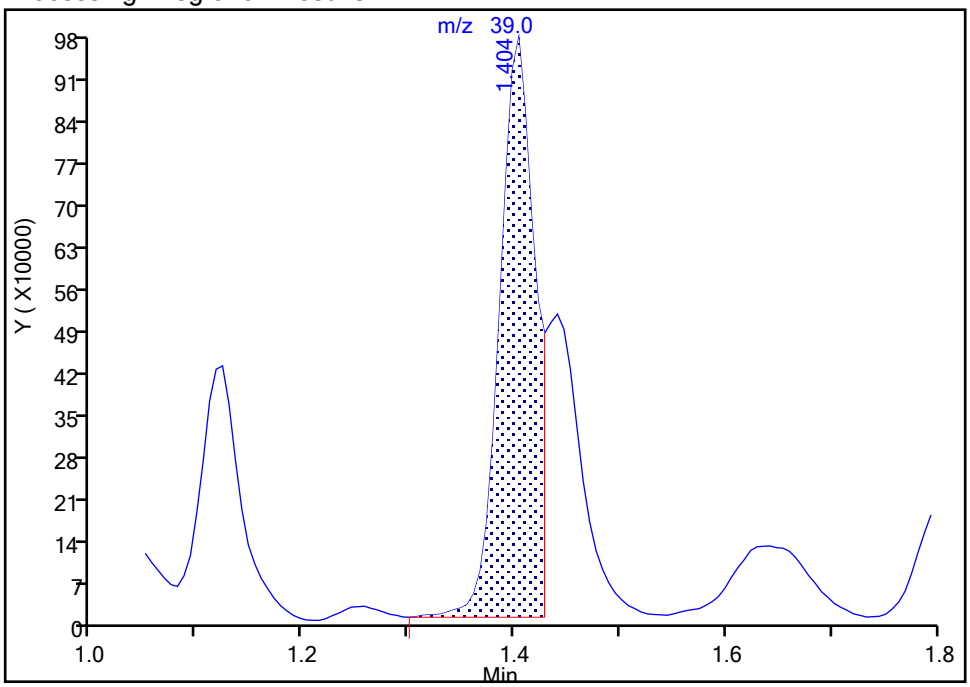
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85240.D
Injection Date: 05-Apr-2022 09:28:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

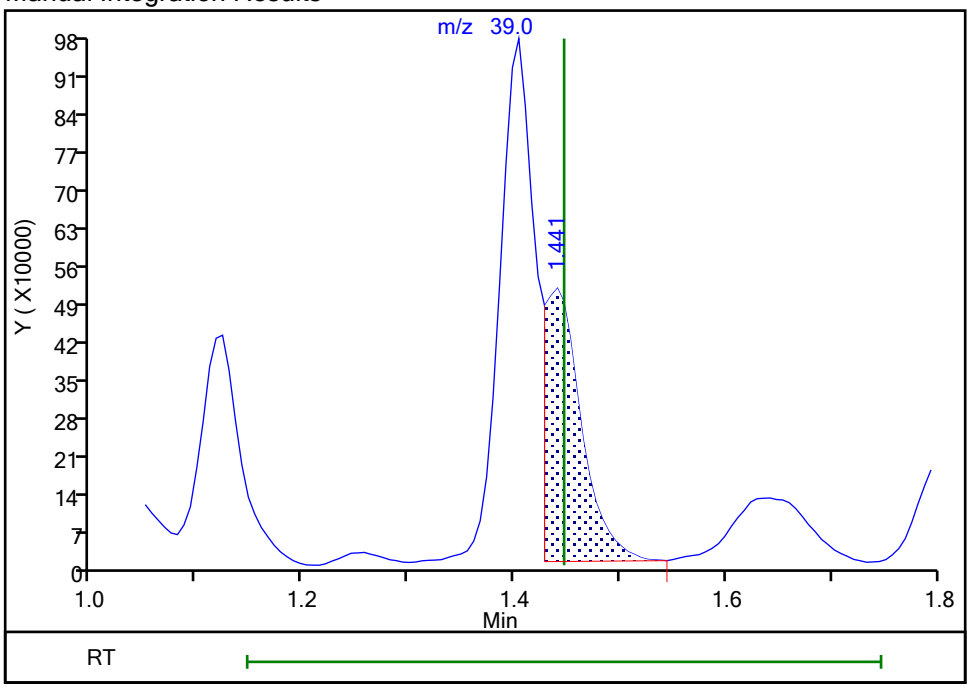
Processing Integration Results

RT: 1.40
Area: 2279914
Amount: 8713.2390
Amount Units: ug/l



Manual Integration Results

RT: 1.44
Area: 1233154
Amount: 5437.9325
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:14:47
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

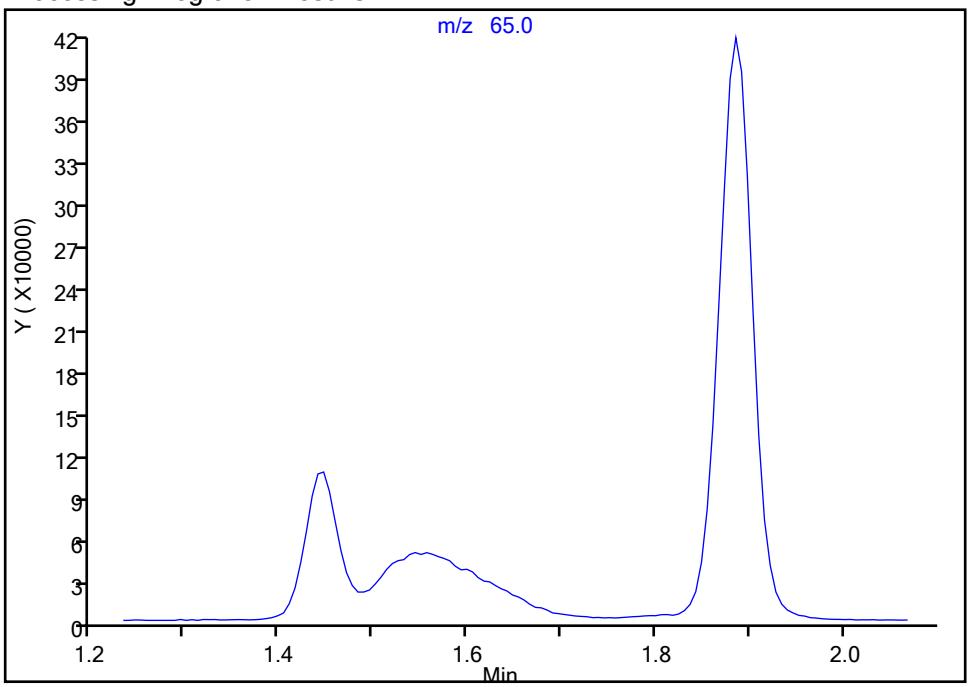
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85240.D
Injection Date: 05-Apr-2022 09:28:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

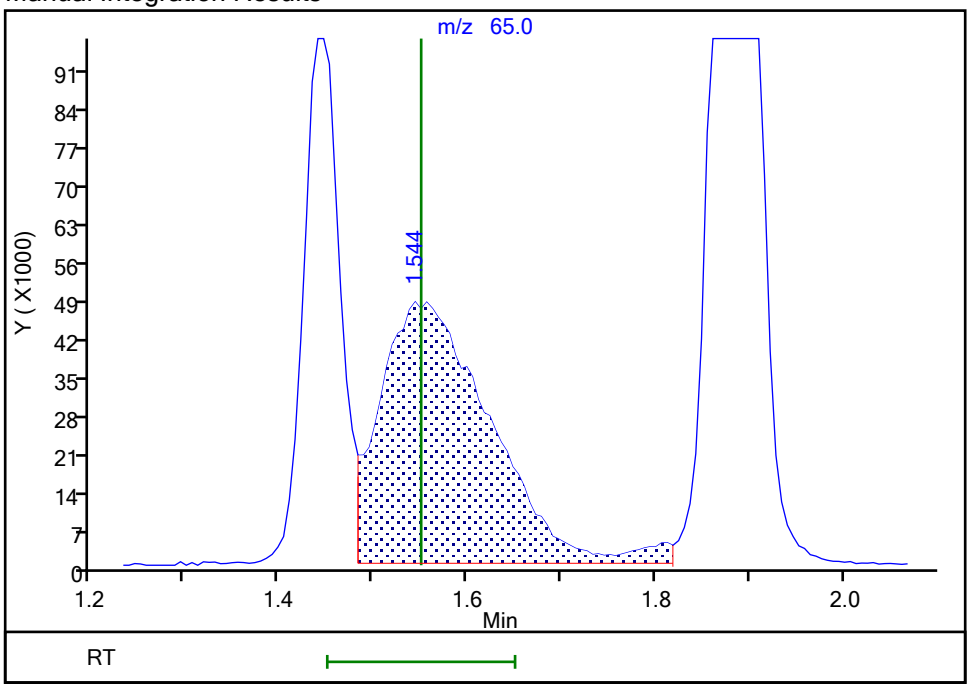
Not Detected
Expected RT: 1.55

Processing Integration Results



Manual Integration Results

RT: 1.54
Area: 395014
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:14:02
Audit Action: Split an Integrated Peak Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

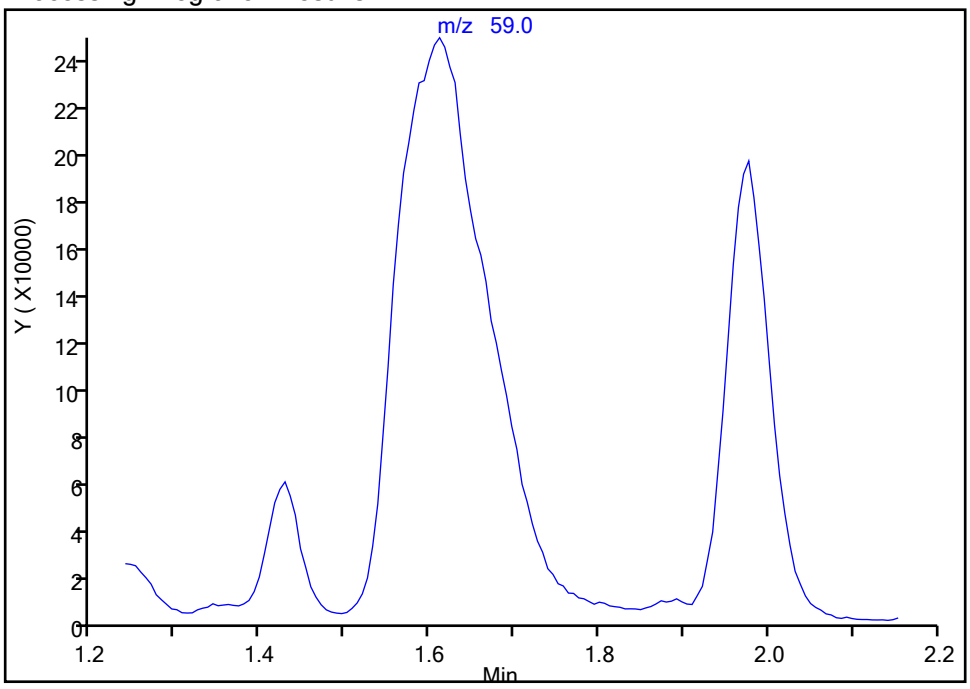
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85240.D
Injection Date: 05-Apr-2022 09:28:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

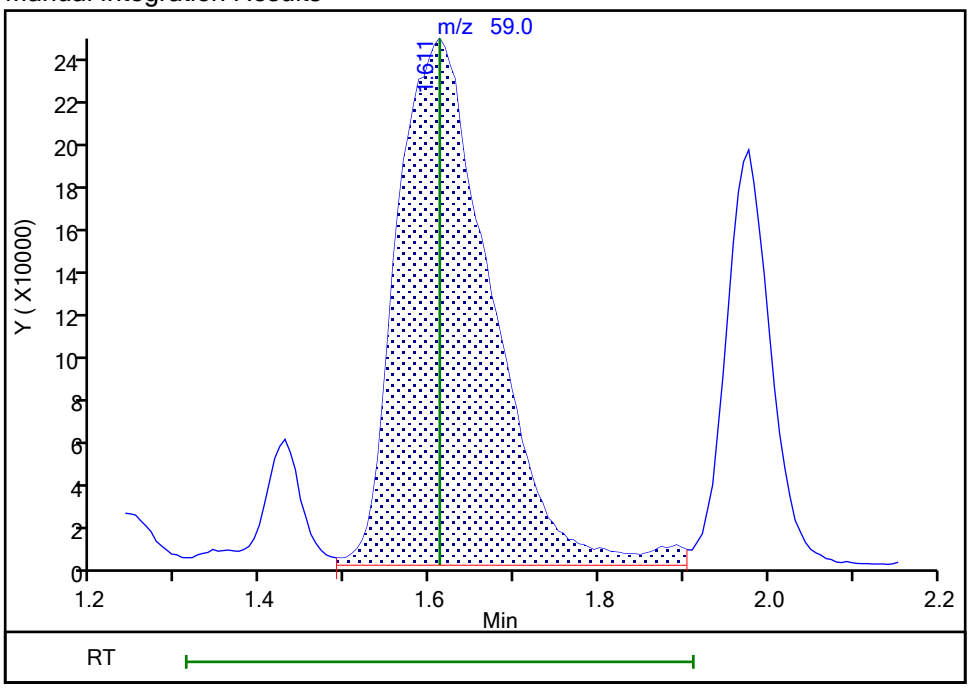
Not Detected
Expected RT: 1.61

Processing Integration Results



Manual Integration Results

RT: 1.61
Area: 1894034
Amount: 4848.5908
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:14:51
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

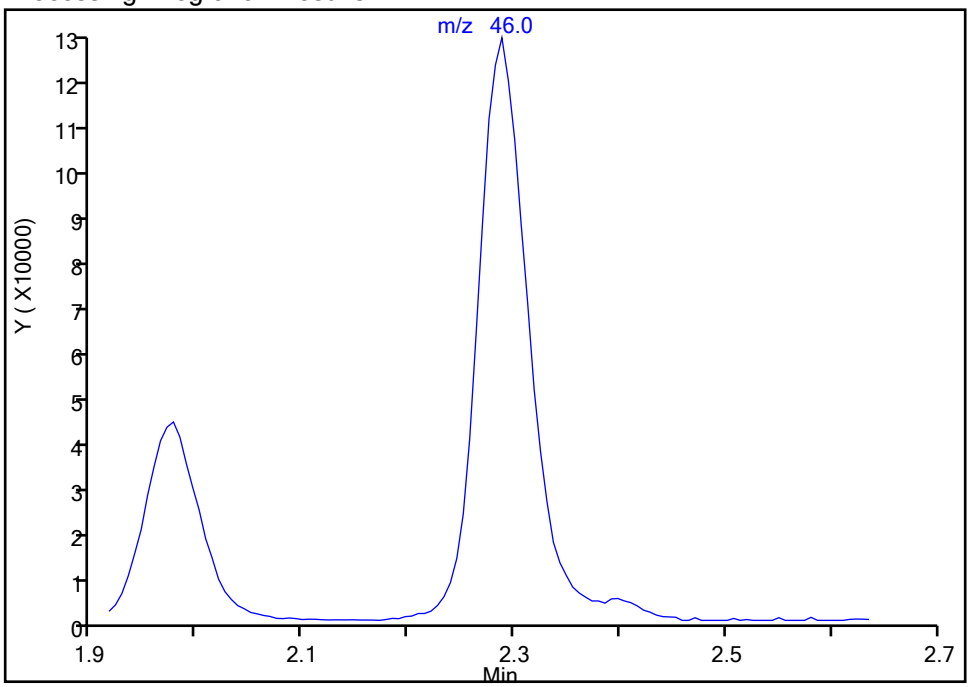
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85240.D
Injection Date: 05-Apr-2022 09:28:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

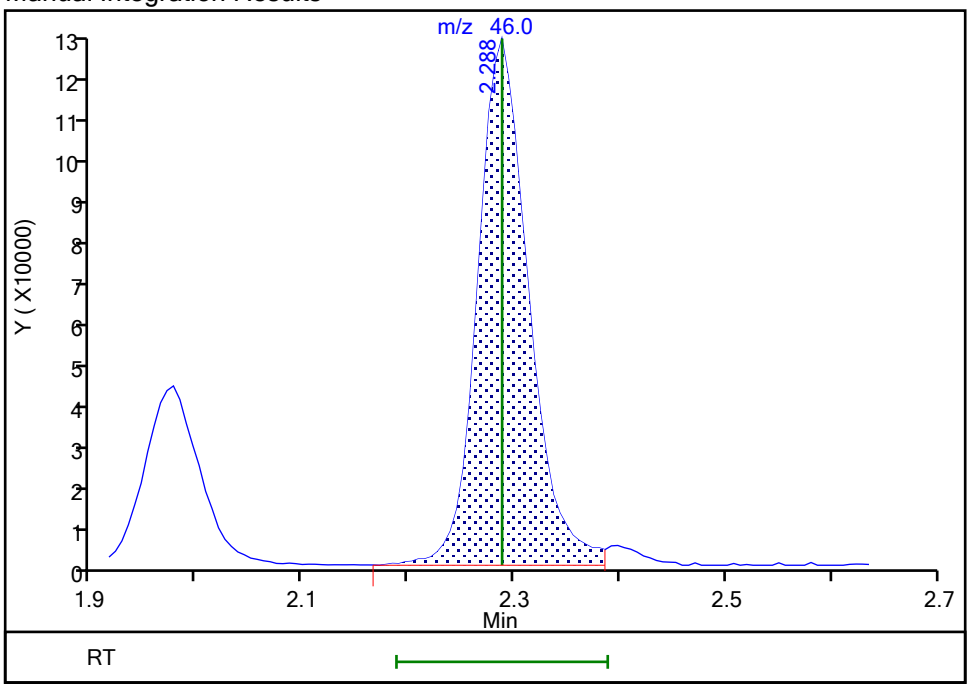
Not Detected
Expected RT: 2.29

Processing Integration Results



Manual Integration Results

RT: 2.29
Area: 410890
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:14:05
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Eurofins Edison

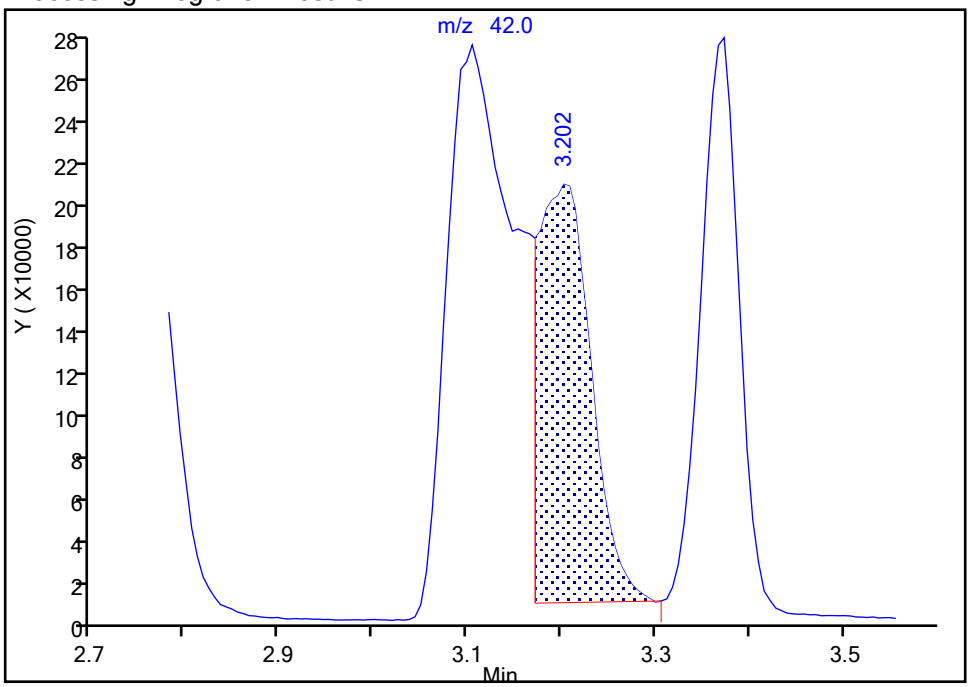
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85240.D
Injection Date: 05-Apr-2022 09:28:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

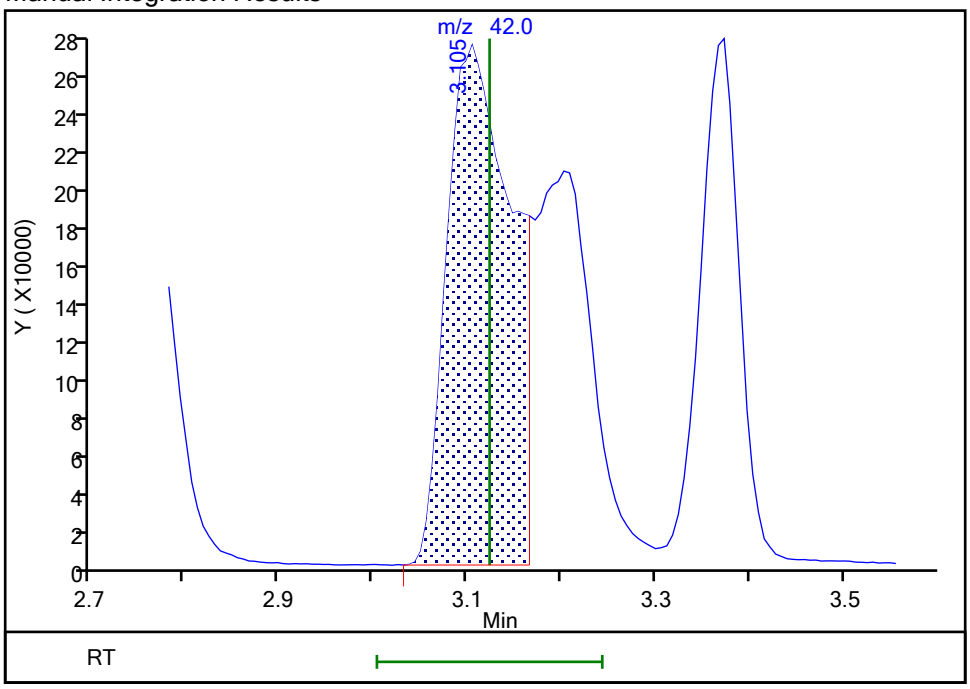
Processing Integration Results

RT: 3.20
Area: 763020
Amount: 12176
Amount Units: ug/l



Manual Integration Results

RT: 3.10
Area: 1292161
Amount: 12487
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:15:03
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

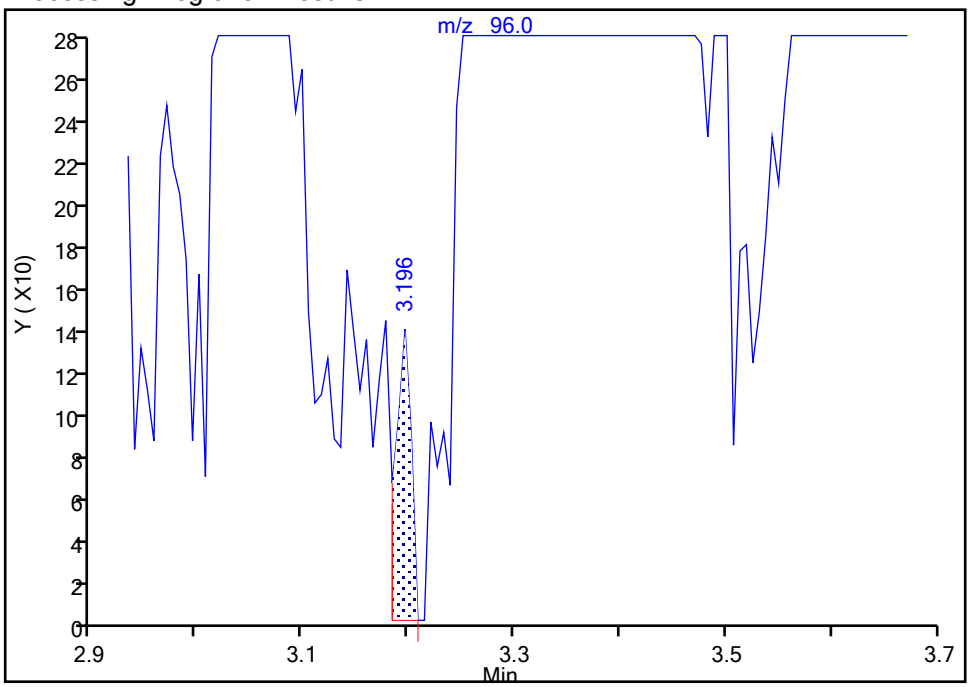
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85240.D
Injection Date: 05-Apr-2022 09:28:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 60 Fluorobenzene, CAS: 462-06-6

Signal: 1

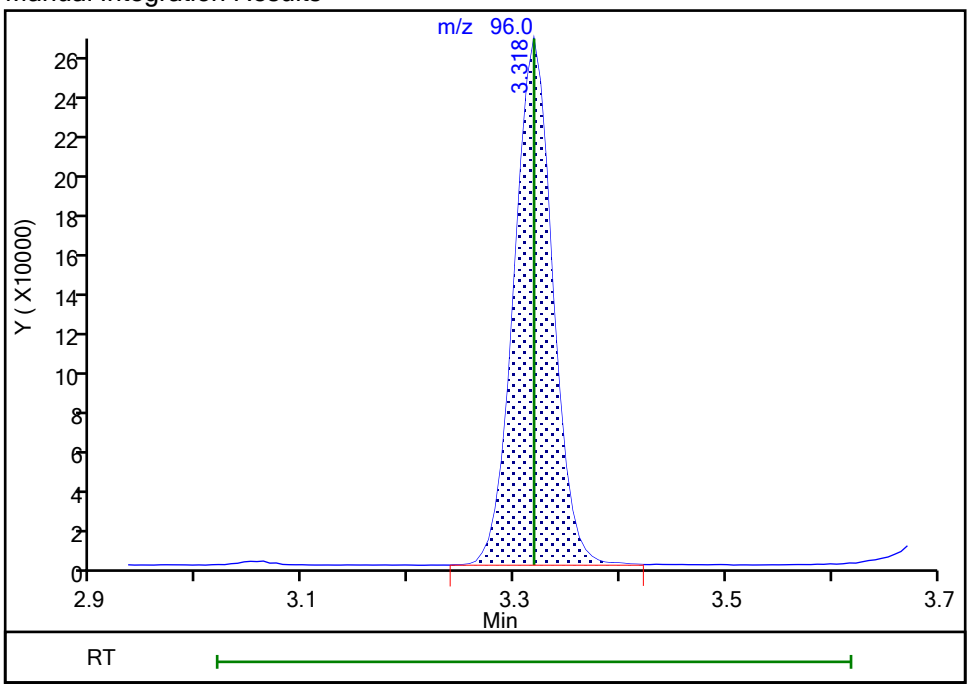
Processing Integration Results

RT: 3.20
Area: 141
Amount: 50.000000
Amount Units: ug/l



Manual Integration Results

RT: 3.32
Area: 675132
Amount: 50.000000
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:14:10
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

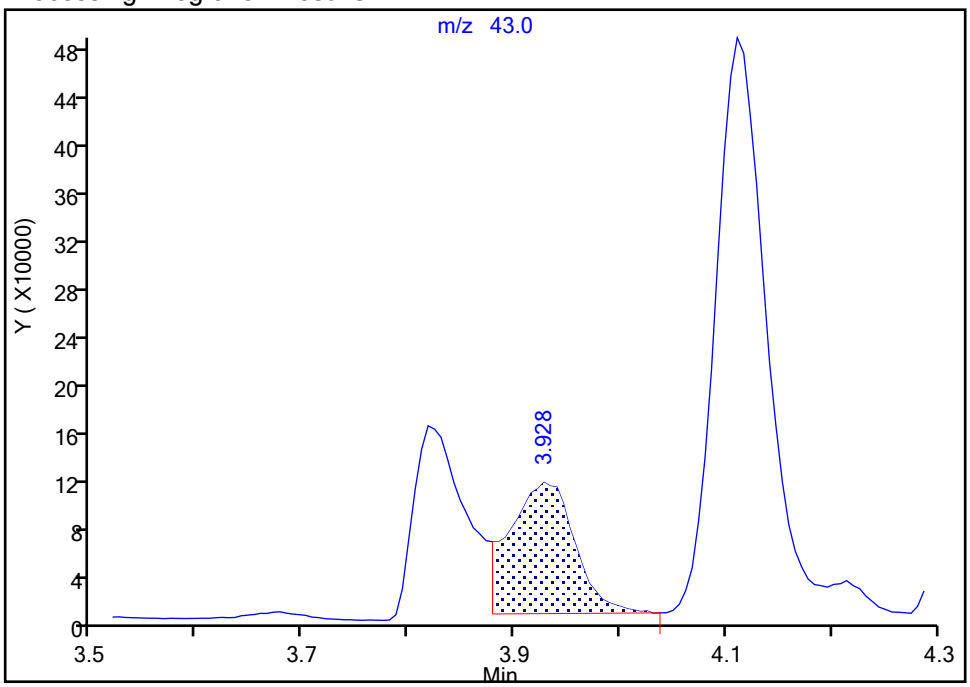
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85240.D
Injection Date: 05-Apr-2022 09:28:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 n-Butanol, CAS: 71-36-3

Signal: 1

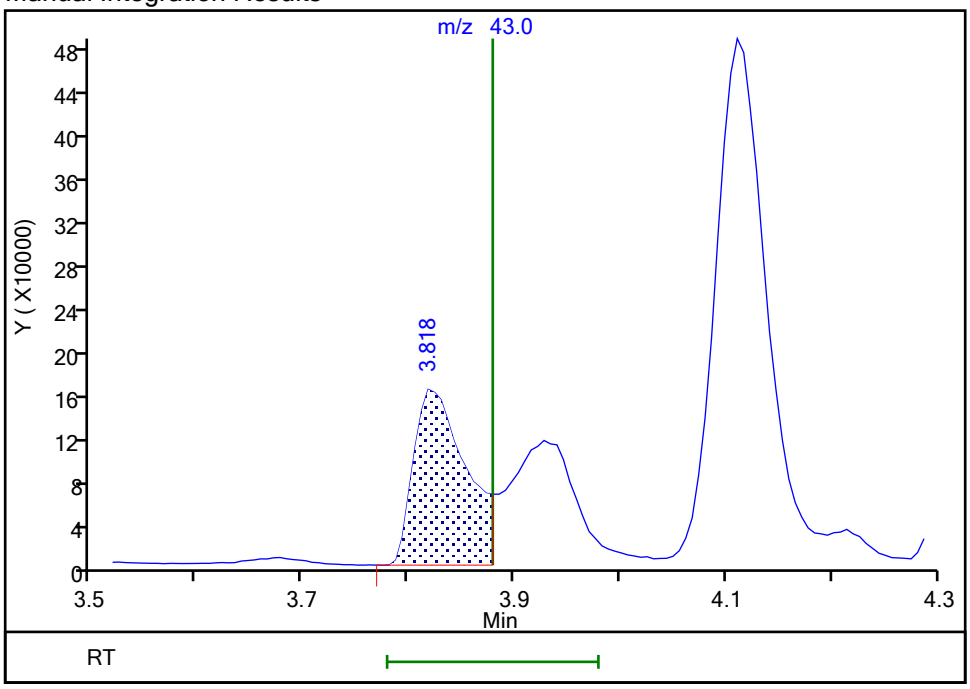
Processing Integration Results

RT: 3.93
Area: 467453
Amount: 12467
Amount Units: ug/l



Manual Integration Results

RT: 3.82
Area: 557128
Amount: 12481
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:15:11
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 05-Apr-2022 12:25:30 ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0143609-017
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Apr-2022 08:41:09 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: delpolitov Date: 05-Apr-2022 13:22:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.587	0.587	0.000	57	5886	20.0	20.7	a
2 1,1-Difluoroethane	51	0.636	0.636	0.000	92	151294	20.0	20.8	
3 Dichlorodifluoromethane	85	0.648	0.648	0.000	60	102954	20.0	22.0	
4 Chlorodifluoromethane	67	0.648	0.648	0.000	96	13951	20.0	21.3	
5 Chloromethane	50	0.721	0.721	0.000	99	138323	20.0	21.0	
6 Butadiene	54	0.764	0.764	0.000	93	95038	20.0	23.1	
7 Vinyl chloride	62	0.764	0.764	0.000	97	97397	20.0	21.8	
8 Bromomethane	94	0.898	0.898	0.000	99	55053	20.0	22.4	
9 Chloroethane	64	0.910	0.910	0.000	100	50330	20.0	21.7	
10 Dichlorofluoromethane	67	1.008	1.008	0.000	97	131686	20.0	22.9	
12 Pentane	72	1.014	1.014	0.000	97	22710	40.0	47.4	
11 Trichlorofluoromethane	101	1.032	1.032	0.000	97	100321	20.0	23.3	
14 Ethanol	46	1.112	1.112	0.000	74	8545	800.0	685.4	
13 Ethyl ether	59	1.118	1.118	0.000	91	42716	20.0	20.9	
15 2-Methyl-1,3-butadiene	53	1.130	1.130	0.000	98	57636	20.0	22.2	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.166	1.166	0.000	89	51059	20.0	21.3	a
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.173	1.173	0.000	82	86809	20.0	21.3	a
18 Acrolein	56	1.179	1.179	0.000	98	83080	304.2	327.8	
19 1,1-Dichloroethene	96	1.221	1.221	0.000	93	52225	20.0	22.8	
21 Acetone	43	1.258	1.258	0.000	85	82364	100.0	92.0	
20 112TCTFE	101	1.270	1.270	0.000	93	60047	20.0	22.3	a
22 Iodomethane	142	1.294	1.294	0.000	100	89038	20.0	21.6	
23 Carbon disulfide	76	1.325	1.325	0.000	100	212259	20.0	21.9	
24 Isopropyl alcohol	45	1.374	1.374	0.000	97	41773	200.0	156.9	a
25 3-Chloro-1-propene	39	1.410	1.410	0.000	90	92417	20.0	22.1	
26 Methyl acetate	43	1.422	1.422	0.000	99	86377	40.0	42.8	
27 Acetonitrile	39	1.447	1.447	0.000	23	45563	200.0	218.6	a
28 Methylene Chloride	84	1.471	1.471	0.000	98	59980	20.0	20.2	
* 29 TBA-d9 (IS)	65	1.550	1.550	0.000	0	363105	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.611	1.611	0.000	93	68799	200.0	191.6	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.618	1.618	0.000	95	200020	200.0	210.5	
32 trans-1,2-Dichloroethene	96	1.630	1.630	0.000	98	57328	20.0	21.5	
33 Methyl tert-butyl ether	73	1.648	1.648	0.000	98	152413	20.0	20.6	
34 Hexane	57	1.807	1.807	0.000	94	99066	20.0	22.4	
35 1,1-Dichloroethane	63	1.886	1.886	0.000	99	115094	20.0	20.6	
36 Vinyl acetate	86	1.941	1.941	0.000	100	17008	40.0	48.9	
37 2-Chloro-1,3-butadiene	88	1.947	1.947	0.000	68	50392	20.0	20.6	
38 Isopropyl ether	45	1.971	1.971	0.000	95	208496	20.0	19.8	
39 Tert-butyl ethyl ether	87	2.227	2.227	0.000	88	58501	20.0	19.5	
* 40 2-Butanone-d5	46	2.288	2.288	0.000	0	333904	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.300	2.300	0.000	91	56025	20.0	20.6	
42 2,2-Dichloropropane	79	2.300	2.300	0.000	63	29875	20.0	20.5	
43 2-Butanone (MEK)	72	2.331	2.331	0.000	99	27489	100.0	98.8	
44 Propionitrile	54	2.374	2.374	0.000	95	69916	200.0	195.3	
45 Ethyl acetate	70	2.404	2.404	0.000	99	9609	40.0	42.7	
62 Methyl acrylate	55	2.416	2.416	0.000	98	49707	20.0	19.2	
46 Chlorobromomethane	128	2.477	2.477	0.000	96	25432	20.0	20.1	
47 Methacrylonitrile	67	2.483	2.483	0.000	95	184763	200.0	197.5	
48 Tetrahydrofuran	72	2.526	2.526	0.000	94	12625	40.0	43.2	
49 Chloroform	83	2.569	2.569	0.000	97	95923	20.0	20.6	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.697	0.000	96	126339	50.0	49.7	
51 1,1,1-Trichloroethane	97	2.703	2.703	0.000	73	89685	20.0	21.9	
52 Cyclohexane	84	2.745	2.745	0.000	96	88720	20.0	21.7	
54 1,1-Dichloropropene	75	2.843	2.843	0.000	92	75379	20.0	21.5	
53 Carbon tetrachloride	117	2.855	2.855	0.000	86	71608	20.0	20.9	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	150334	50.0	49.9	
56 Benzene	78	3.026	3.026	0.000	97	209669	20.0	20.9	
57 1,2-Dichloroethane	62	3.050	3.050	0.000	97	67336	20.0	19.8	
58 Isobutyl alcohol	42	3.123	3.123	0.000	28	24526	500.0	294.9	a
59 Tert-amyl methyl ether	73	3.197	3.197	0.000	90	154466	20.0	18.8	
73 Isopropyl acetate	43	3.209	3.209	0.000	92	190358	20.0	19.4	
* 60 Fluorobenzene	96	3.318	3.318	0.000	98	516615	50.0	50.0	
61 n-Heptane	43	3.373	3.373	0.000	96	116749	20.0	21.8	
63 Trichloroethene	95	3.709	3.709	0.000	95	50638	20.0	21.2	
64 n-Butanol	43	3.879	3.879	0.000	71	5851	500.0	204.2	a
65 Methylcyclohexane	83	3.922	3.922	0.000	93	102258	20.0	21.8	
66 Ethyl acrylate	55	3.922	3.922	0.000	92	143836	20.0	20.7	
67 1,2-Dichloropropane	63	3.952	3.952	0.000	94	56726	20.0	21.0	
68 Dibromomethane	93	4.087	4.087	0.000	94	27145	20.0	20.0	
* 69 1,4-Dioxane-d8	96	4.111	4.111	0.000	0	19939	1000.0	1000.0	
70 1,4-Dioxane	88	4.178	4.178	0.000	32	8508	400.0	420.0	Ma
71 Methyl methacrylate	100	4.221	4.221	0.000	92	17916	40.0	38.4	
72 Dichlorobromomethane	83	4.324	4.324	0.000	98	60850	20.0	19.7	
81 n-Propyl acetate	43	4.337	4.337	0.000	97	62628	20.0	20.5	
74 2-Nitropropane	41	4.635	4.635	0.000	98	19759	40.0	36.8	
75 2-Chloroethyl vinyl ether	63	4.806	4.806	0.000	92	12327	20.0	19.4	
76 Epichlorohydrin	57	4.843	4.843	0.000	99	81910	400.0	411.5	
77 cis-1,3-Dichloropropene	75	4.934	4.934	0.000	96	70571	20.0	20.6	
78 4-Methyl-2-pentanone (MIBK)	43	5.233	5.233	0.000	97	226729	100.0	96.8	a
$ 79 Toluene-d8 (Surr)	98	5.288	5.288	0.000	98	475005	50.0	50.2	
80 Toluene	91	5.379	5.379	0.000	93	201636	20.0	20.7	
82 trans-1,3-Dichloropropene	75	5.800	5.800	0.000	99	56028	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.056	6.056	0.000	93	30724	20.0	20.4	
84 Ethyl methacrylate	69	6.080	6.080	0.000	75	43682	20.0	18.9	a
85 Tetrachloroethene	166	6.208	6.208	0.000	95	45838	20.0	21.8	
86 1,3-Dichloropropane	76	6.300	6.300	0.000	96	61882	20.0	19.7	
87 2-Hexanone	43	6.592	6.592	0.000	99	138274	100.0	101.4	M
88 Chlorodibromomethane	129	6.647	6.647	0.000	97	37065	20.0	20.3	
89 Ethylene Dibromide	107	6.763	6.763	0.000	99	32423	20.0	19.9	
90 n-Butyl acetate	43	6.934	6.934	0.000	99	54587	20.0	18.2	
* 91 Chlorobenzene-d5	117	7.647	7.647	0.000	90	326260	50.0	50.0	
92 Chlorobenzene	112	7.696	7.696	0.000	93	116061	20.0	20.7	
93 1,1,1,2-Tetrachloroethane	131	7.915	7.915	0.000	95	39178	20.0	19.2	
94 Ethylbenzene	106	7.994	7.994	0.000	99	65474	20.0	21.6	
95 m-Xylene & p-Xylene	106	8.238	8.238	0.000	98	74961	20.0	21.3	
96 o-Xylene	106	8.982	8.982	0.000	93	72154	20.0	20.4	
97 Styrene	104	9.019	9.019	0.000	95	114078	20.0	20.1	
98 n-Butyl acrylate	73	9.226	9.226	0.000	99	20723	20.0	15.0	
99 Bromoform	173	9.262	9.262	0.000	94	21544	20.0	19.5	
101 Amyl acetate (mixed isomers)	43	9.707	9.707	0.000	91	53623	20.0	16.4	
102 Isopropylbenzene	105	9.726	9.726	0.000	97	202811	20.0	19.4	
$ 103 4-Bromofluorobenzene	174	9.933	9.933	0.000	89	121028	50.0	51.5	
104 Bromobenzene	156	10.104	10.104	0.000	97	44706	20.0	21.5	
105 1,2,3-Trichloropropane	110	10.329	10.329	0.000	96	11898	20.0	20.5	
106 1,1,2,2-Tetrachloroethane	83	10.354	10.354	0.000	98	44772	20.0	20.2	
107 trans-1,4-Dichloro-2-butene	53	10.457	10.457	0.000	80	13461	20.0	20.1	
108 N-Propylbenzene	120	10.482	10.482	0.000	98	53061	20.0	22.0	
109 2-Chlorotoluene	126	10.518	10.518	0.000	97	48106	20.0	22.3	
110 4-Ethyltoluene	105	10.701	10.701	0.000	98	189766	20.0	21.8	
111 4-Chlorotoluene	91	10.726	10.726	0.000	99	160931	20.0	21.1	
112 1,3,5-Trimethylbenzene	105	10.835	10.835	0.000	92	163757	20.0	21.6	
100 Butyl Methacrylate	87	11.219	11.219	0.000	96	35622	20.0	15.6	
113 tert-Butylbenzene	119	11.360	11.360	0.000	93	126794	20.0	21.3	
114 1,2,4-Trimethylbenzene	105	11.451	11.451	0.000	98	164342	20.0	21.7	
115 sec-Butylbenzene	105	11.756	11.756	0.000	99	212833	20.0	21.7	
116 1,3-Dichlorobenzene	146	11.817	11.817	0.000	96	89508	20.0	21.3	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	96	167062	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.006	12.006	0.000	97	90717	20.0	21.0	
119 4-Isopropyltoluene	119	12.085	12.085	0.000	98	180382	20.0	21.7	
120 1,2,3-Trimethylbenzene	105	12.189	12.189	0.000	99	167968	20.0	20.8	
121 Benzyl chloride	126	12.341	12.341	0.000	98	13274	20.0	18.7	
122 2,3-Dihydroindene	117	12.512	12.512	0.000	94	151426	20.0	19.7	
123 1,2-Dichlorobenzene	146	12.695	12.695	0.000	95	83082	20.0	20.8	
124 p-Diethylbenzene	119	12.829	12.829	0.000	93	90810	20.0	20.0	
125 n-Butylbenzene	92	12.853	12.853	0.000	98	101111	20.0	20.2	
126 1,2-Dibromo-3-Chloropropane	157	13.609	13.609	0.000	93	7080	20.0	18.2	
127 1,2,4,5-Tetramethylbenzene	119	13.646	13.646	0.000	98	137007	20.0	21.0	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	96	65243	20.0	20.8	
129 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	94	57186	20.0	20.9	
130 Hexachlorobutadiene	225	14.383	14.383	0.000	92	30727	20.0	20.6	
131 Naphthalene	128	14.389	14.389	0.000	99	115764	20.0	18.6	
132 1,2,3-Trichlorobenzene	180	14.548	14.548	0.000	96	53864	20.0	20.1	
S 133 1,2-Dichloroethene, Total	100				0		40.0	42.1	
S 134 1,3-Dichloropropene, Total	100				0		40.0	40.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	41.7	
S 136 Total BTEX	1				0		100.0	105.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00138	Amount Added:	3.00	Units: uL	
8260MIX1COMB_00152	Amount Added:	2.00	Units: uL	
524freon_00050	Amount Added:	2.00	Units: uL	
GASES Li_00469	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

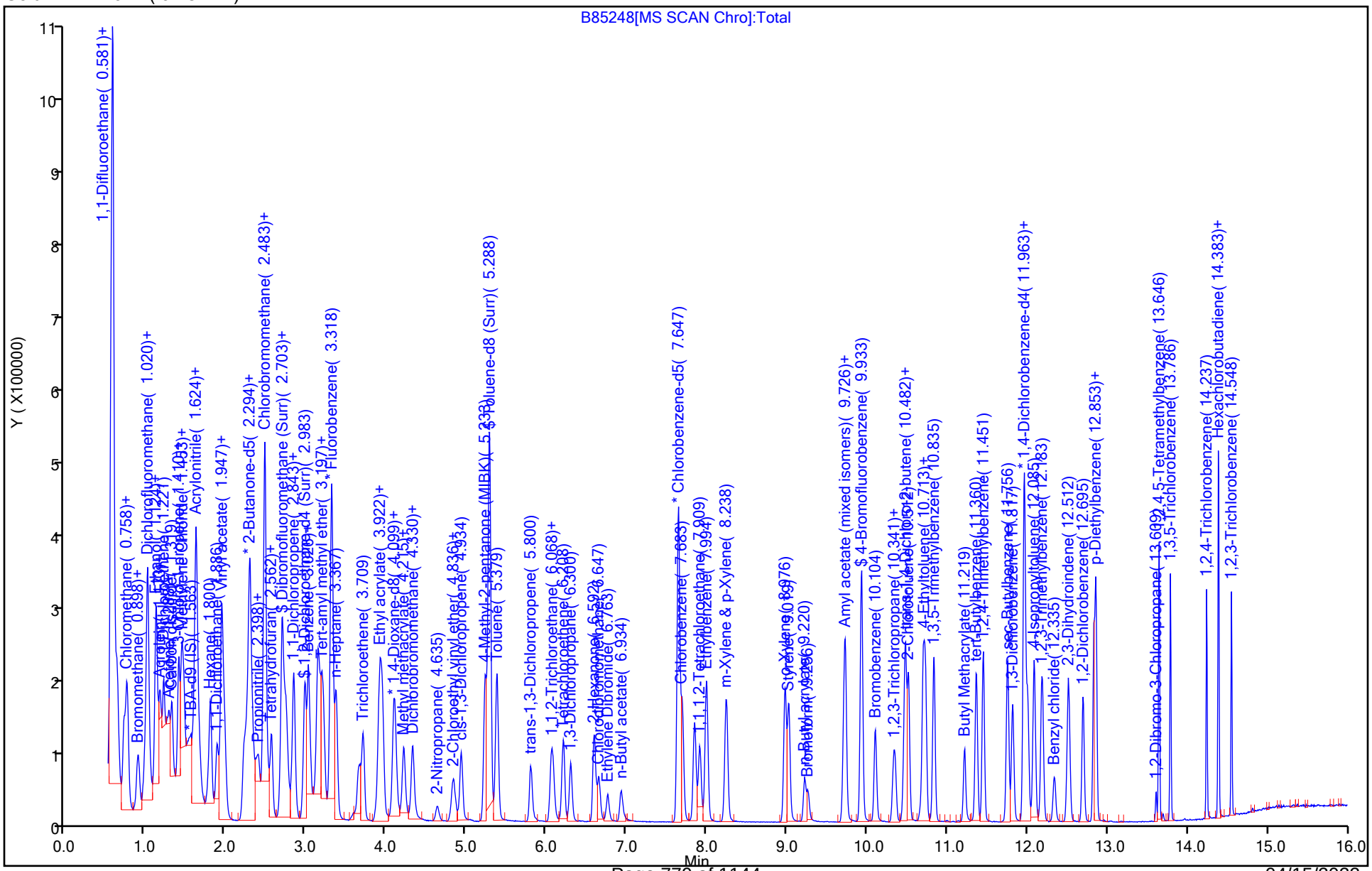
Report Date: 06-Apr-2022 08:41:11 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Injection Date:	05-Apr-2022 12:25:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD20			Worklist Smp#:	17
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

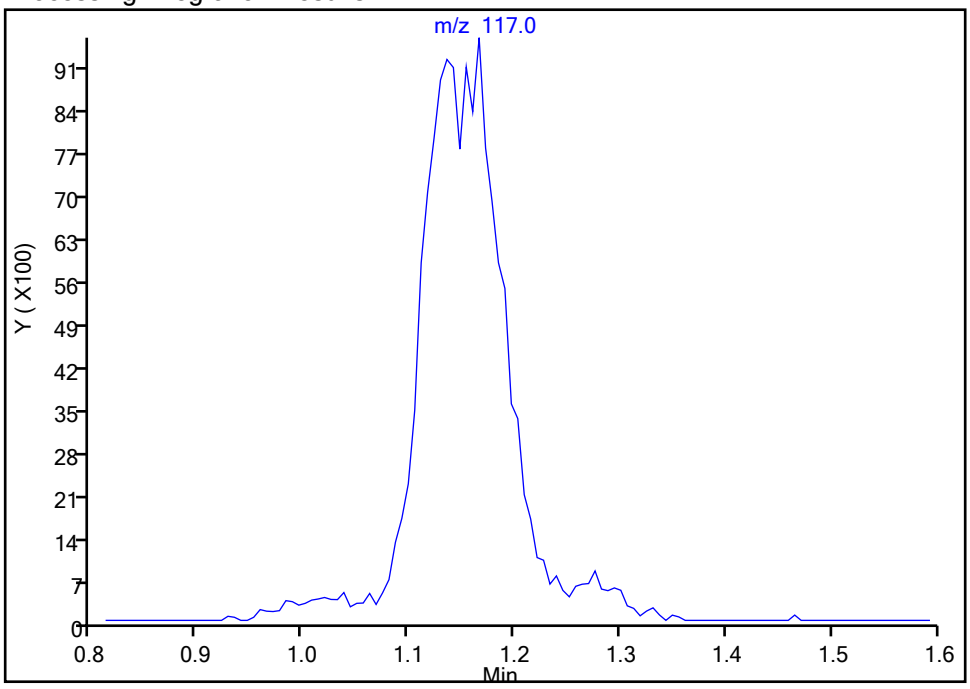
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D
Injection Date: 05-Apr-2022 12:25:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

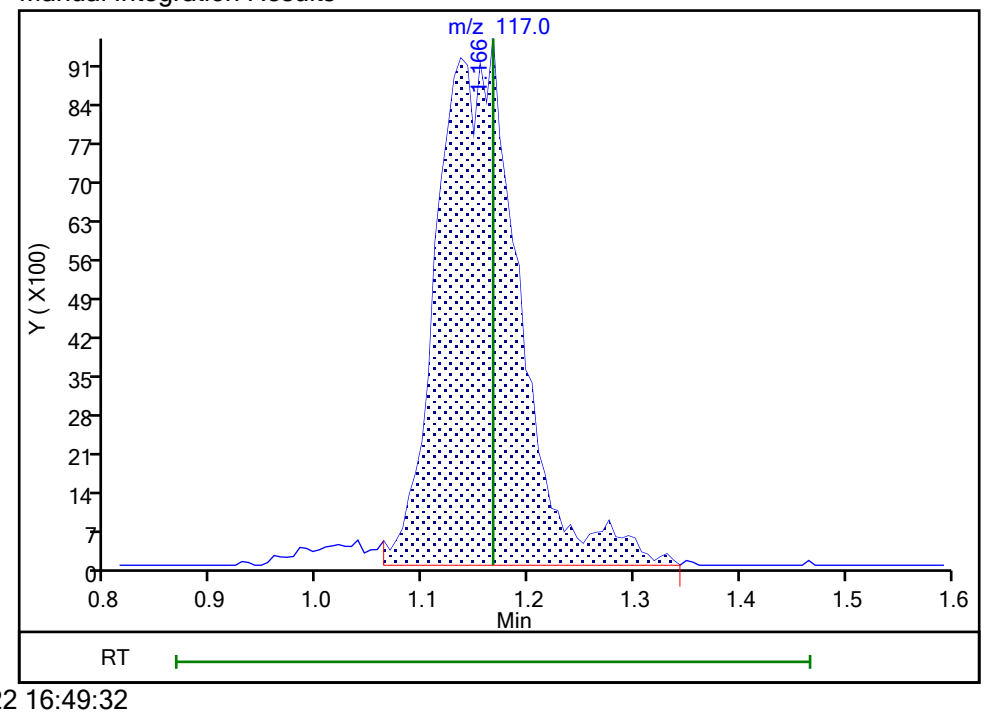
Not Detected
Expected RT: 1.17

Processing Integration Results



Manual Integration Results

RT: 1.17
Area: 51059
Amount: 21.272402
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 16:49:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

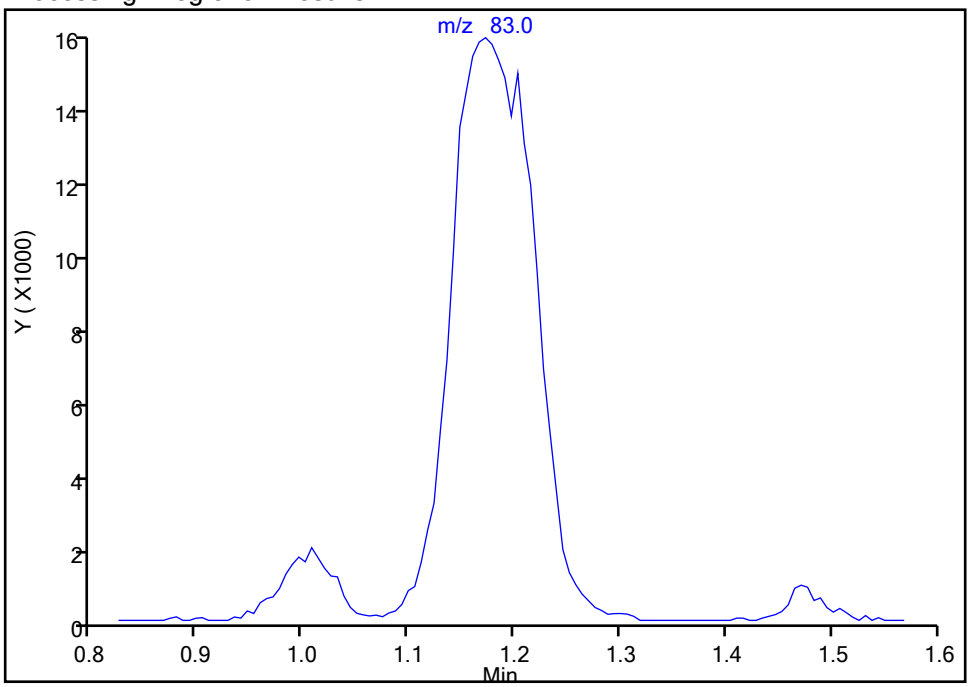
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D
Injection Date: 05-Apr-2022 12:25:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

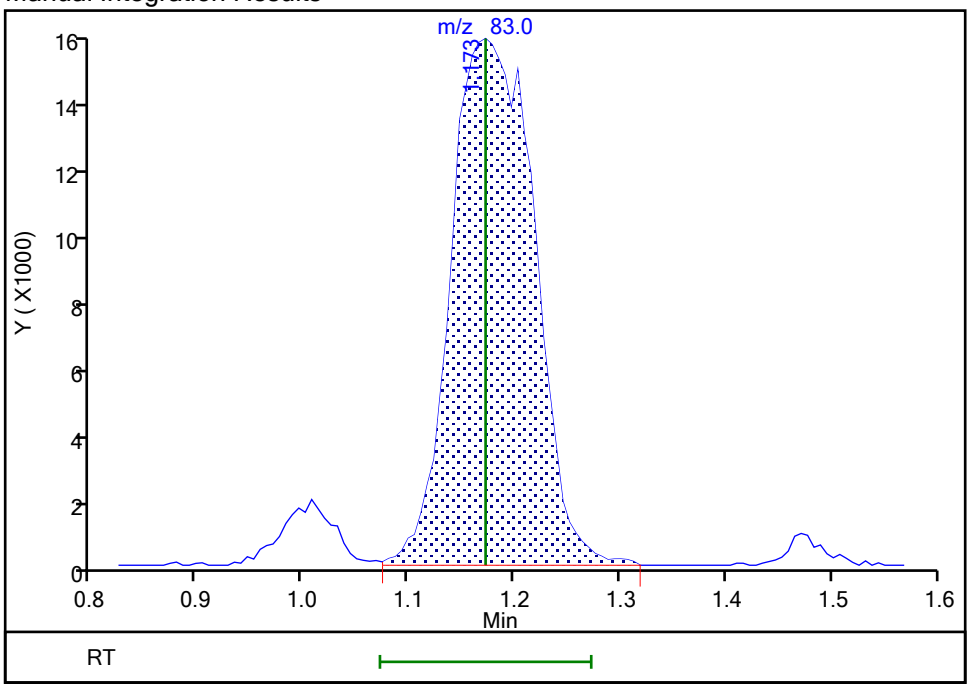
Not Detected
Expected RT: 1.17

Processing Integration Results



Manual Integration Results

RT: 1.17
Area: 86809
Amount: 21.348108
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 16:49:38
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

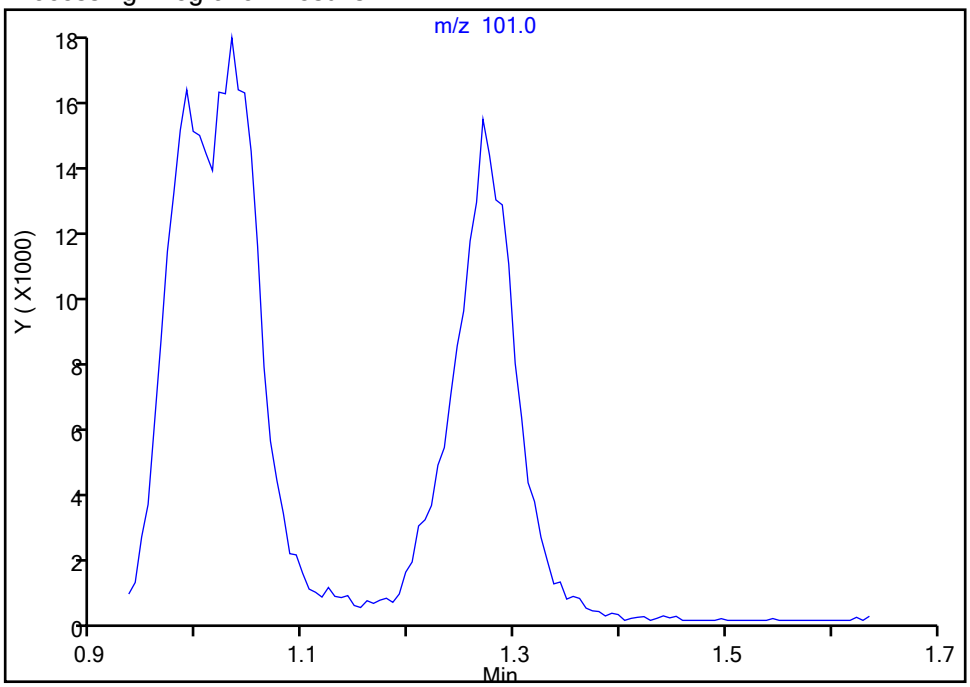
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D
Injection Date: 05-Apr-2022 12:25:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

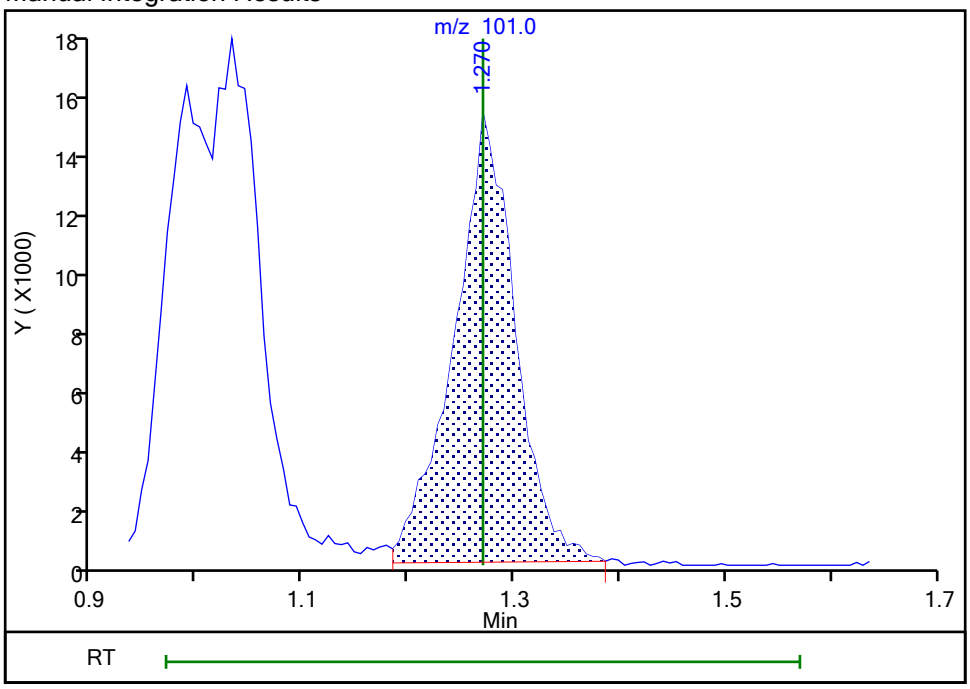
Not Detected
Expected RT: 1.27

Processing Integration Results



Manual Integration Results

RT: 1.27
Area: 60047
Amount: 22.302971
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 16:49:52
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

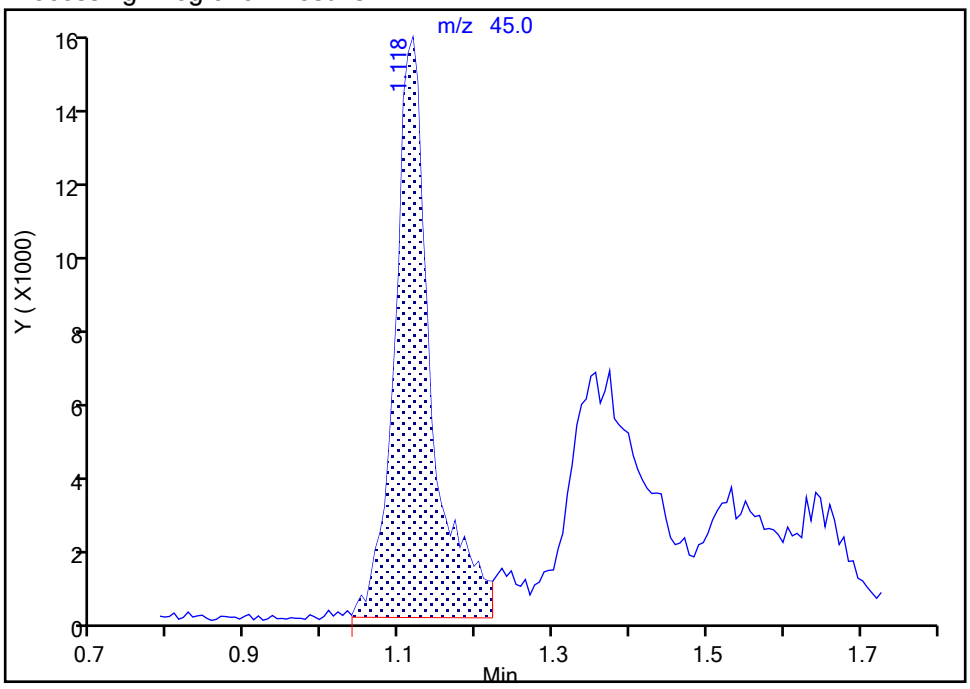
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D
Injection Date: 05-Apr-2022 12:25:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

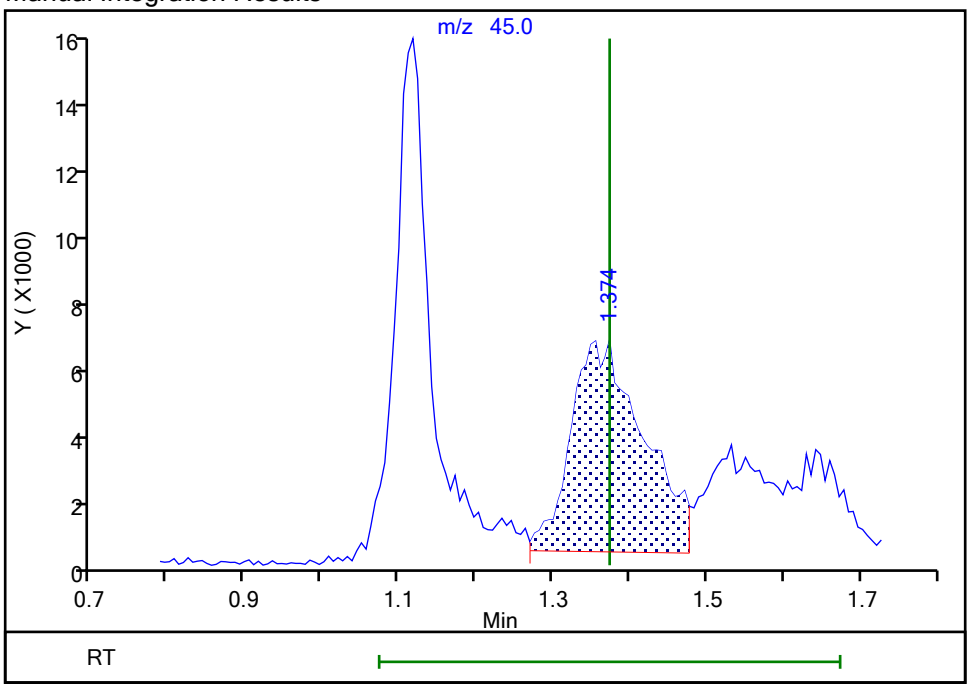
Processing Integration Results

RT: 1.12
Area: 51363
Amount: 159.9573
Amount Units: ug/l



Manual Integration Results

RT: 1.37
Area: 41773
Amount: 156.8927
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 16:49:45
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

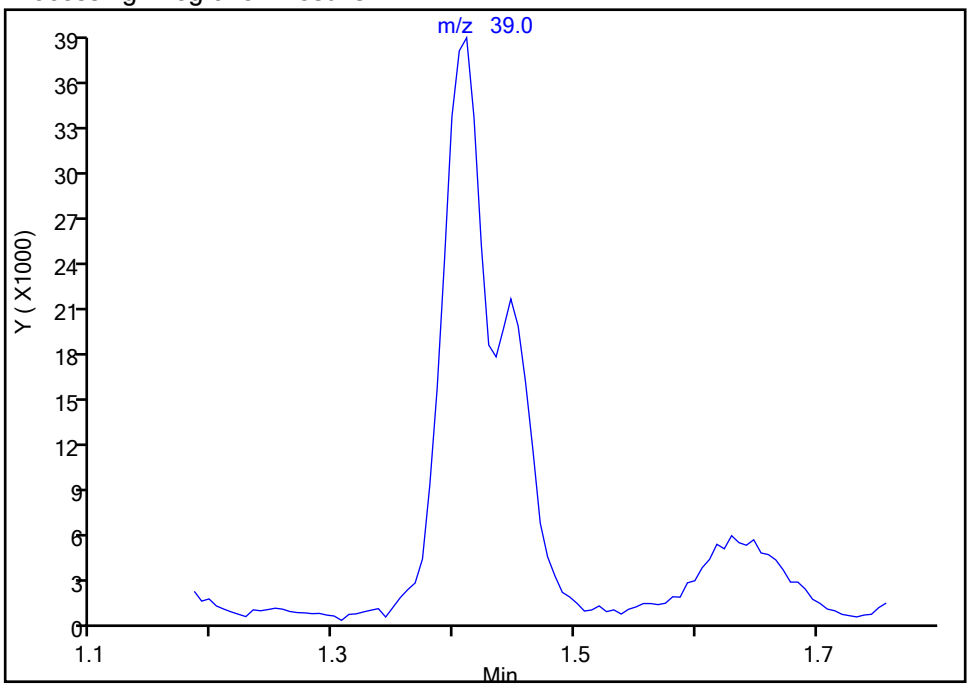
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D
Injection Date: 05-Apr-2022 12:25:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

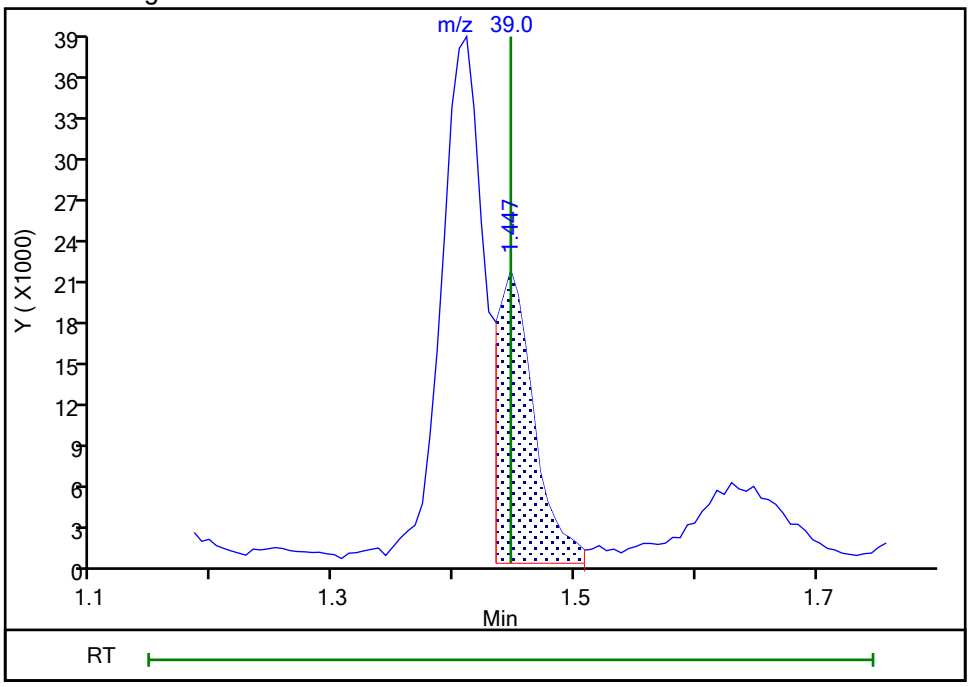
Not Detected
Expected RT: 1.45

Processing Integration Results



Manual Integration Results

RT: 1.45
Area: 45563
Amount: 218.5793
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 16:49:59
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

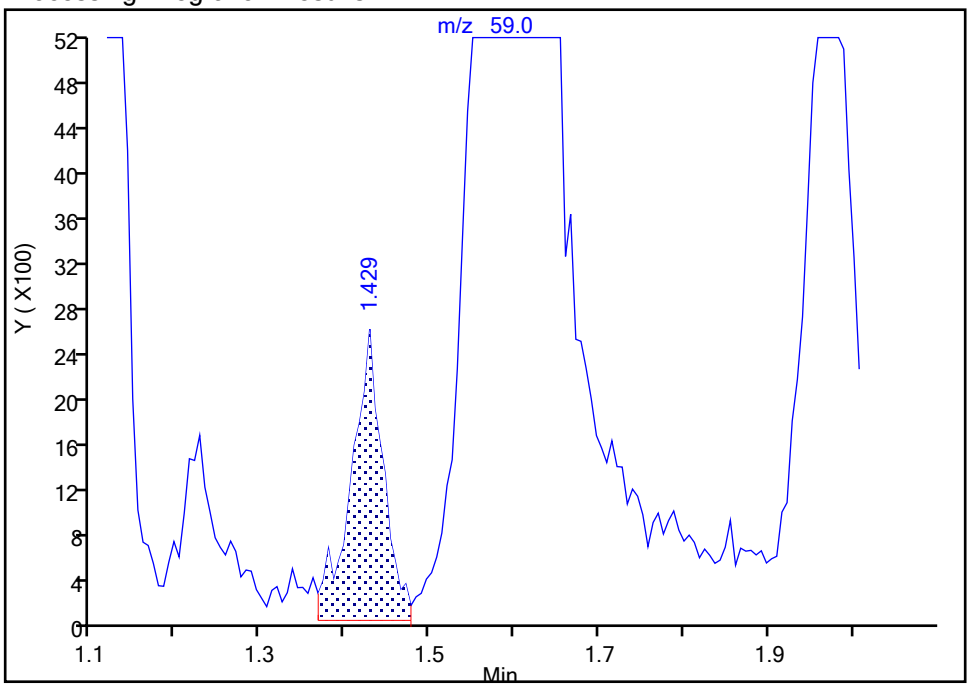
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D
Injection Date: 05-Apr-2022 12:25:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

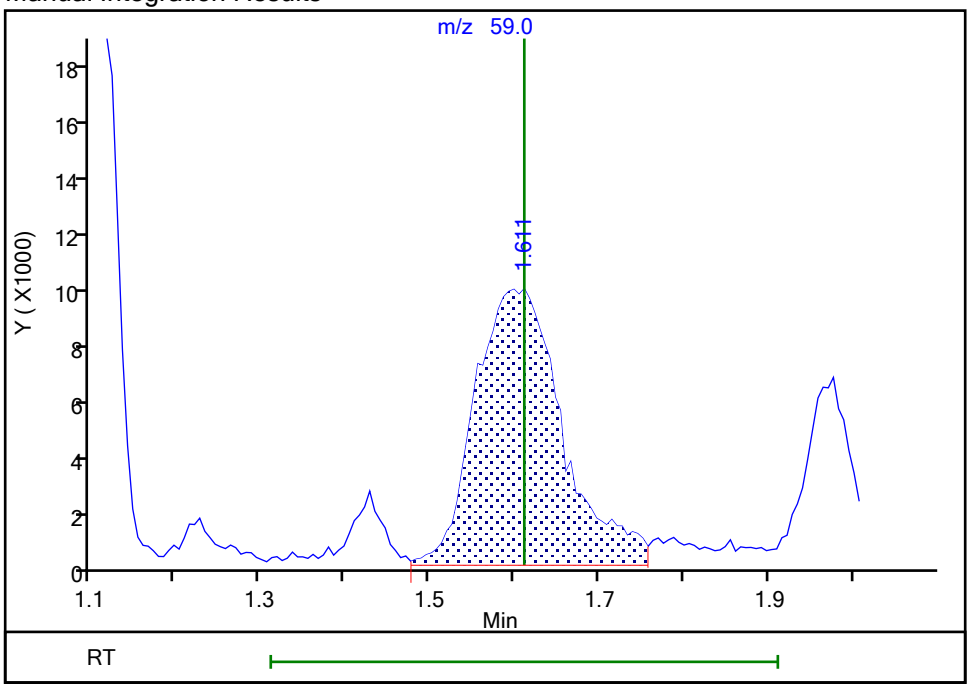
Processing Integration Results

RT: 1.43
Area: 6717
Amount: 26.930846
Amount Units: ug/l



Manual Integration Results

RT: 1.61
Area: 68799
Amount: 191.5976
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 16:50:06
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

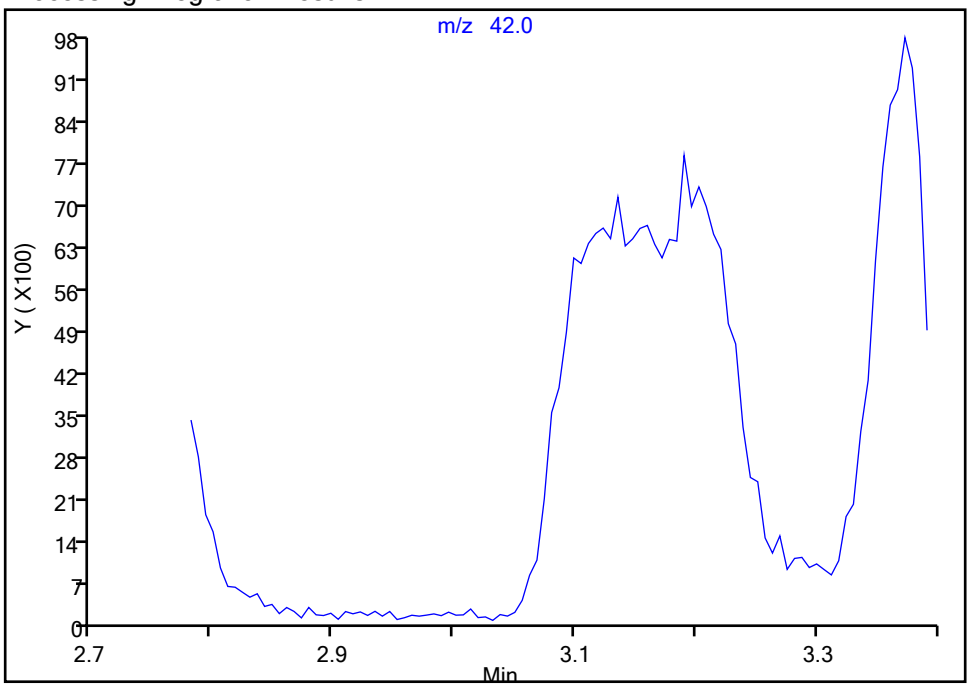
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D
Injection Date: 05-Apr-2022 12:25:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

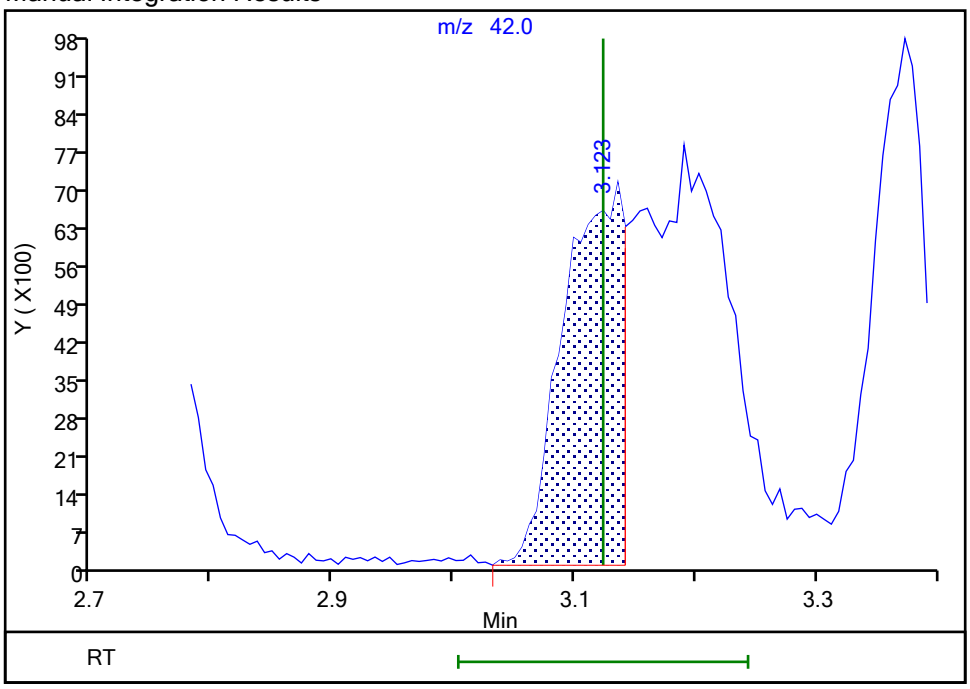
Not Detected
Expected RT: 3.12

Processing Integration Results



Manual Integration Results

RT: 3.12
Area: 24526
Amount: 294.8775
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 16:50:26
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

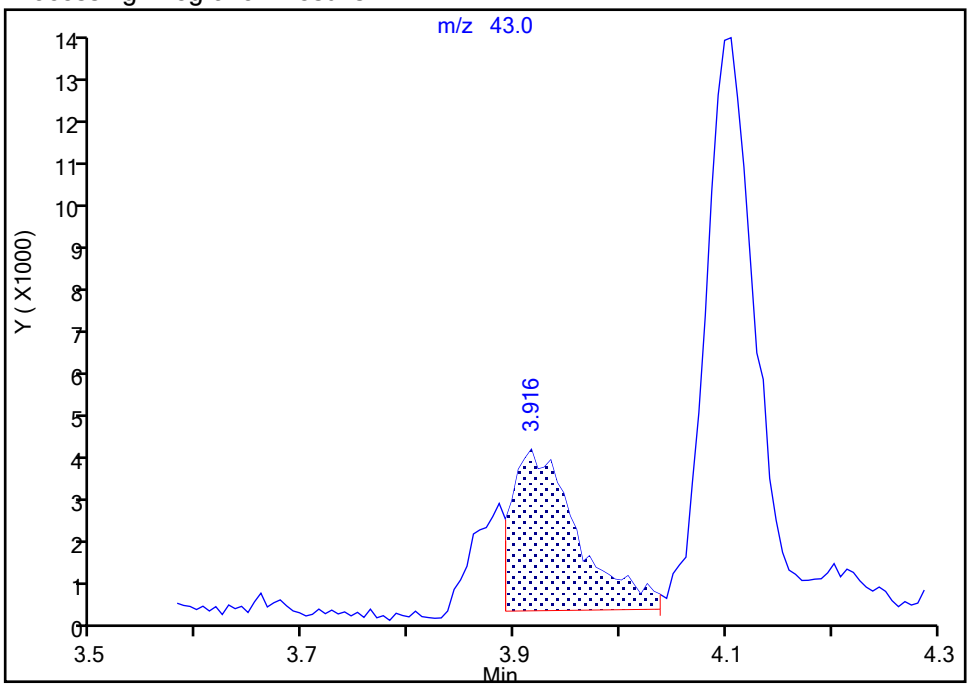
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D
Injection Date: 05-Apr-2022 12:25:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 n-Butanol, CAS: 71-36-3

Signal: 1

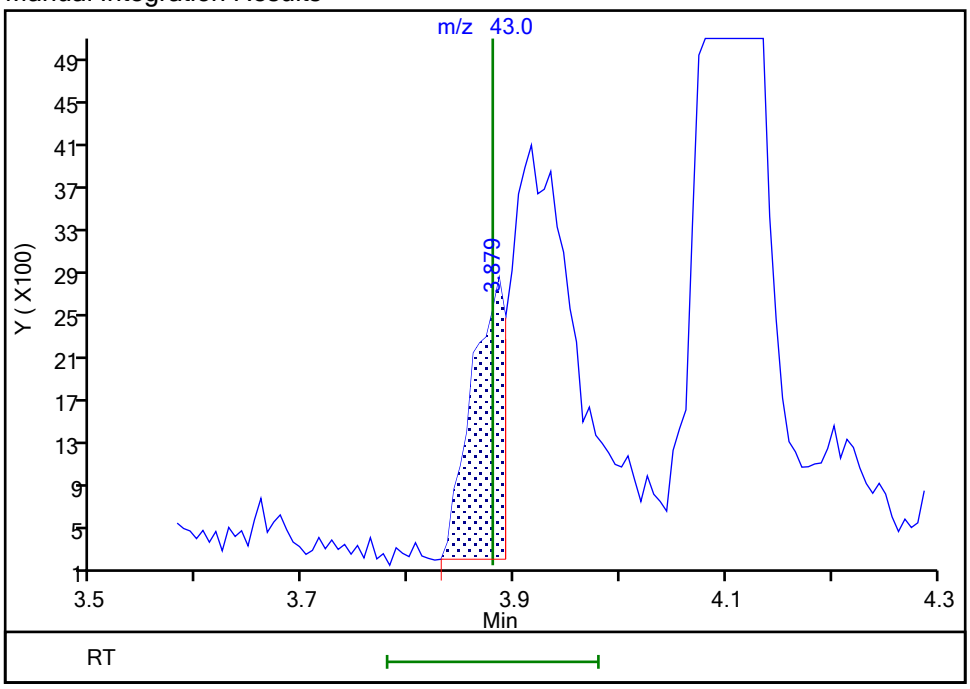
Processing Integration Results

RT: 3.92
Area: 16042
Amount: 356.4303
Amount Units: ug/l



Manual Integration Results

RT: 3.88
Area: 5851
Amount: 204.2467
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 16:50:53
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

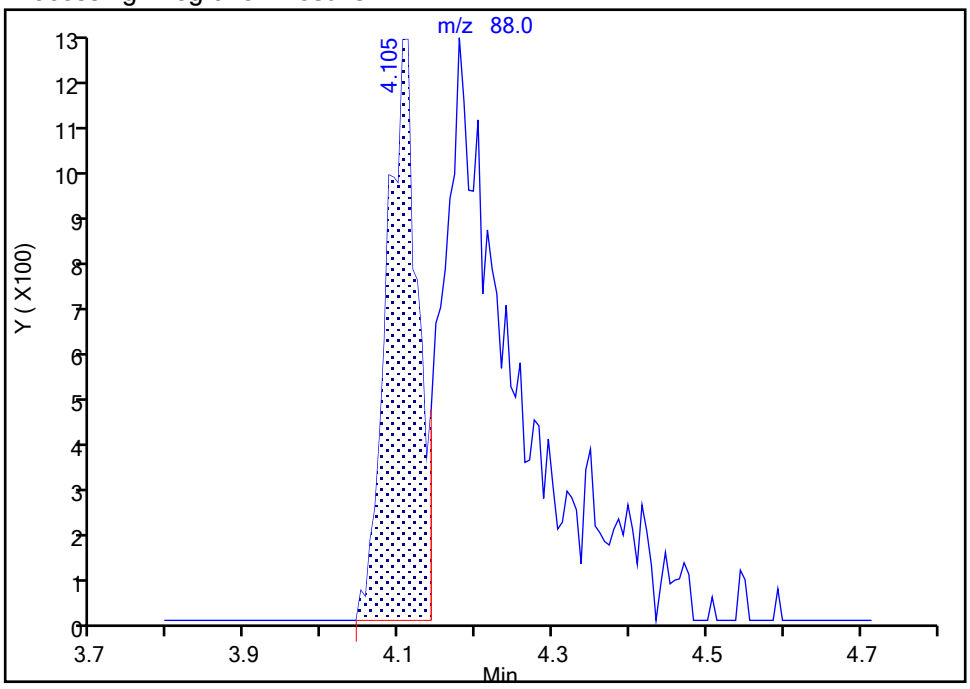
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D
Injection Date: 05-Apr-2022 12:25:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

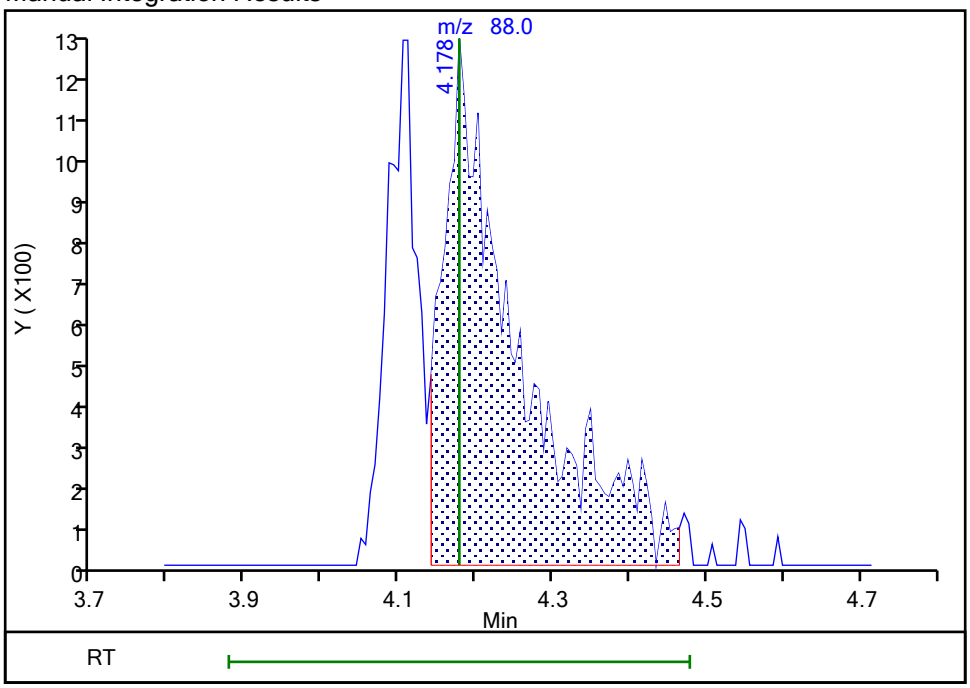
Processing Integration Results

RT: 4.10
Area: 3630
Amount: 189.5281
Amount Units: ug/l



Manual Integration Results

RT: 4.18
Area: 8508
Amount: 419.9896
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 16:51:19
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

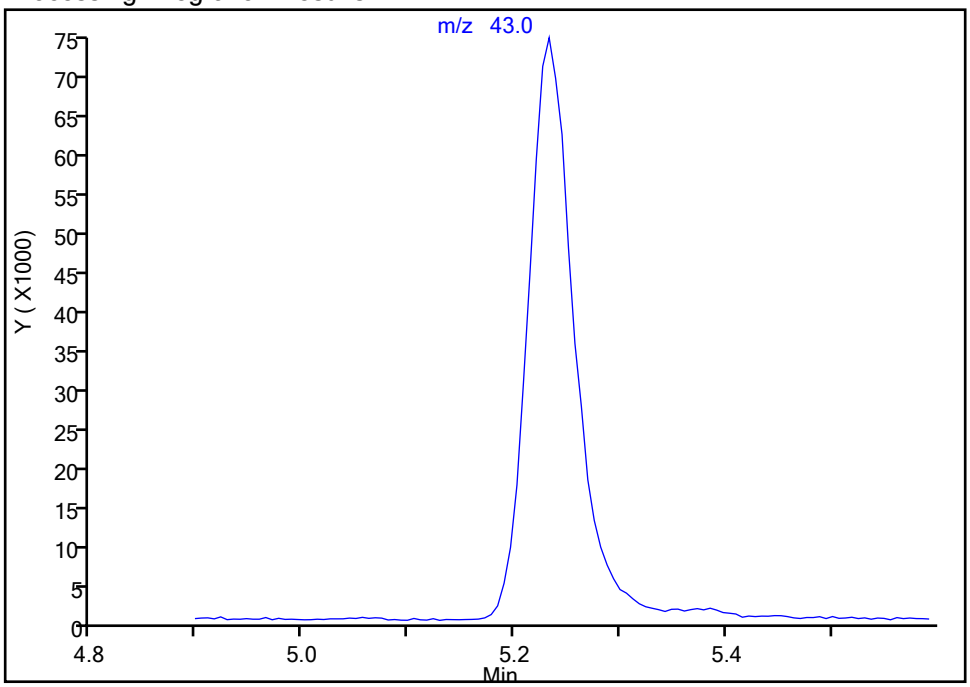
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D
Injection Date: 05-Apr-2022 12:25:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

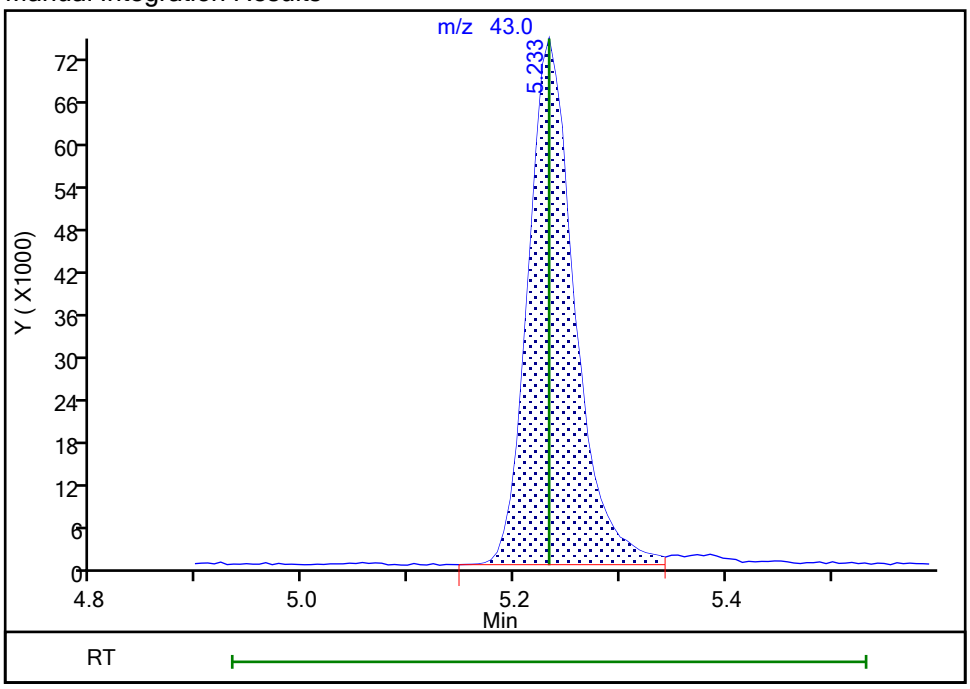
Not Detected
Expected RT: 5.23

Processing Integration Results



Manual Integration Results

RT: 5.23
Area: 226729
Amount: 96.841557
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 16:51:29
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

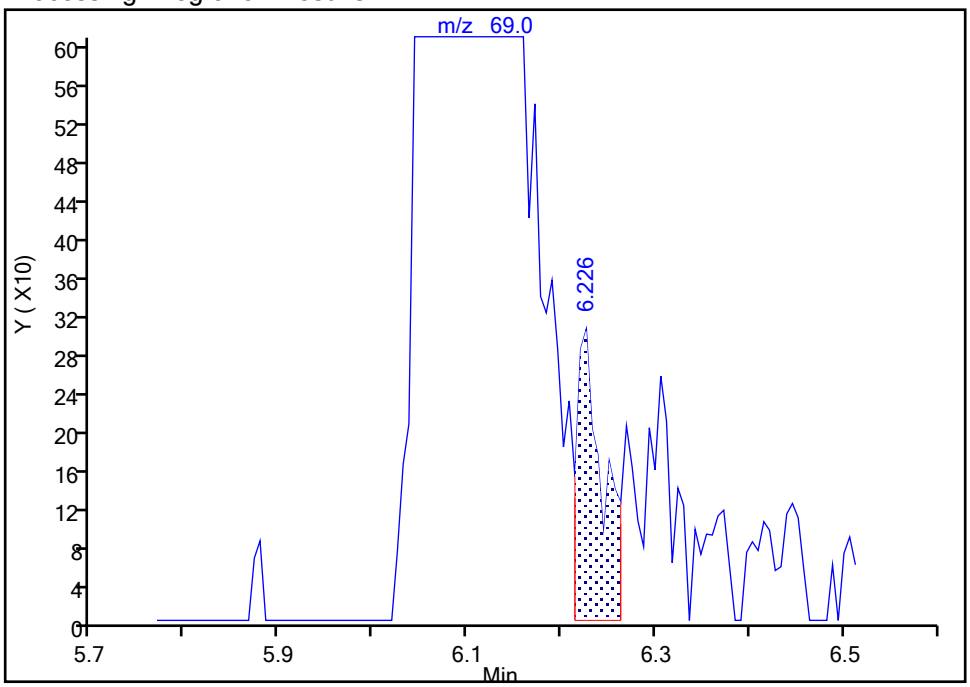
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D
Injection Date: 05-Apr-2022 12:25:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

84 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

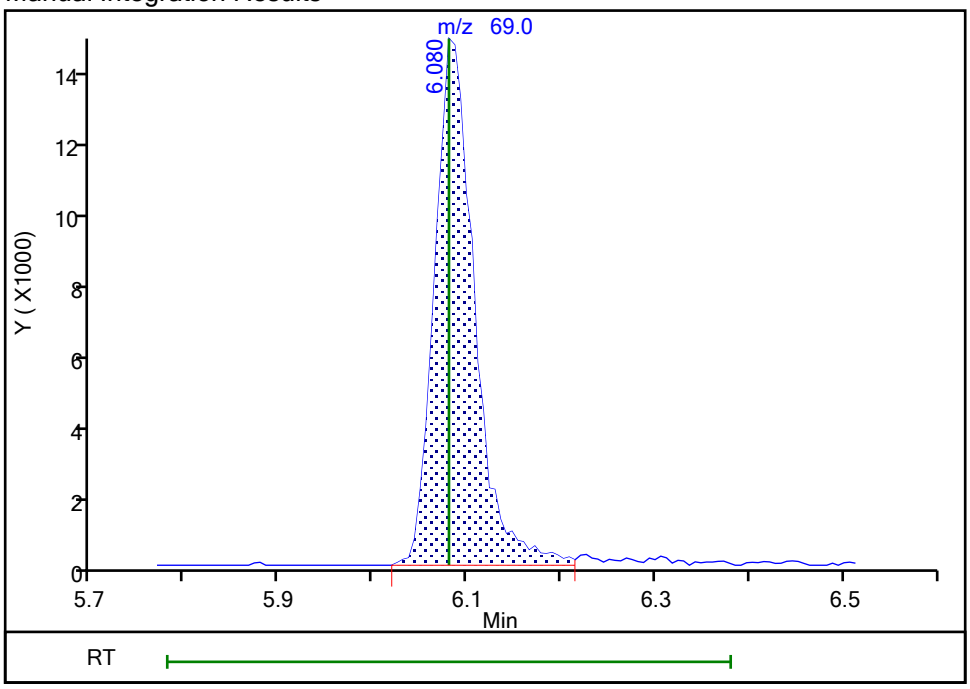
Processing Integration Results

RT: 6.23
Area: 594
Amount: 0.282127
Amount Units: ug/l



Manual Integration Results

RT: 6.08
Area: 43682
Amount: 18.876681
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 16:51:37
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

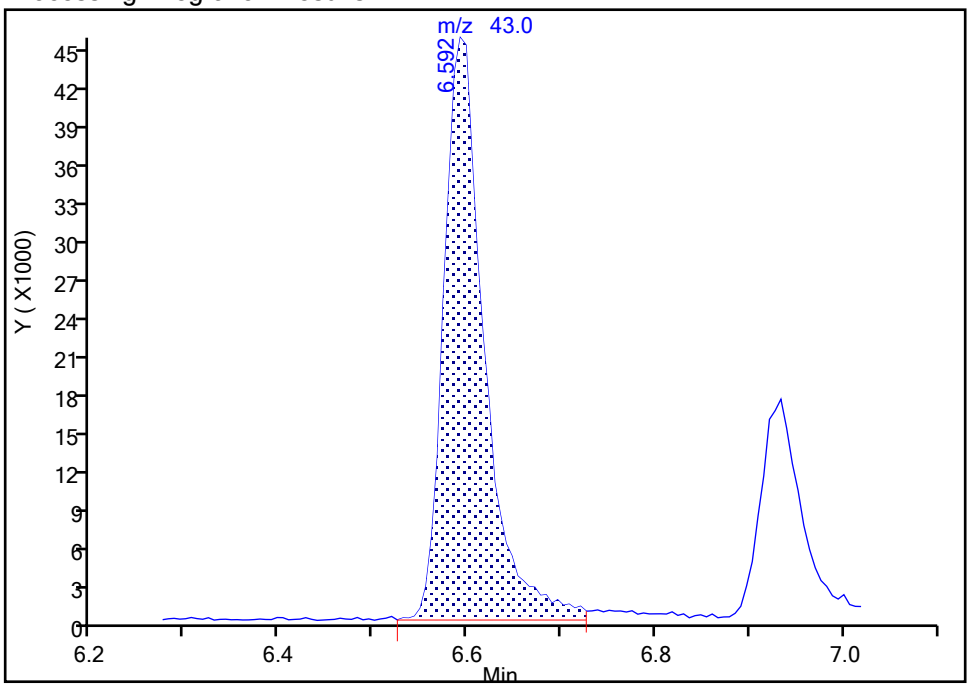
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D
Injection Date: 05-Apr-2022 12:25:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

87 2-Hexanone, CAS: 591-78-6

Signal: 1

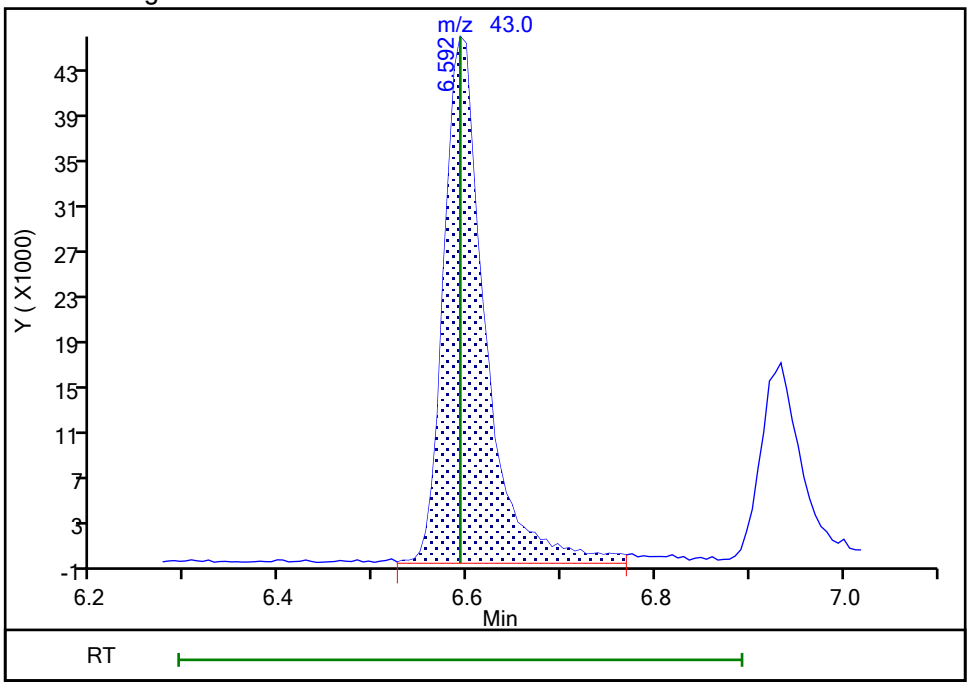
Processing Integration Results

RT: 6.59
Area: 135044
Amount: 85.245242
Amount Units: ug/l



Manual Integration Results

RT: 6.59
Area: 138274
Amount: 101.4211
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 18:23:53
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Calibration / Chlorodifluoromethane

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

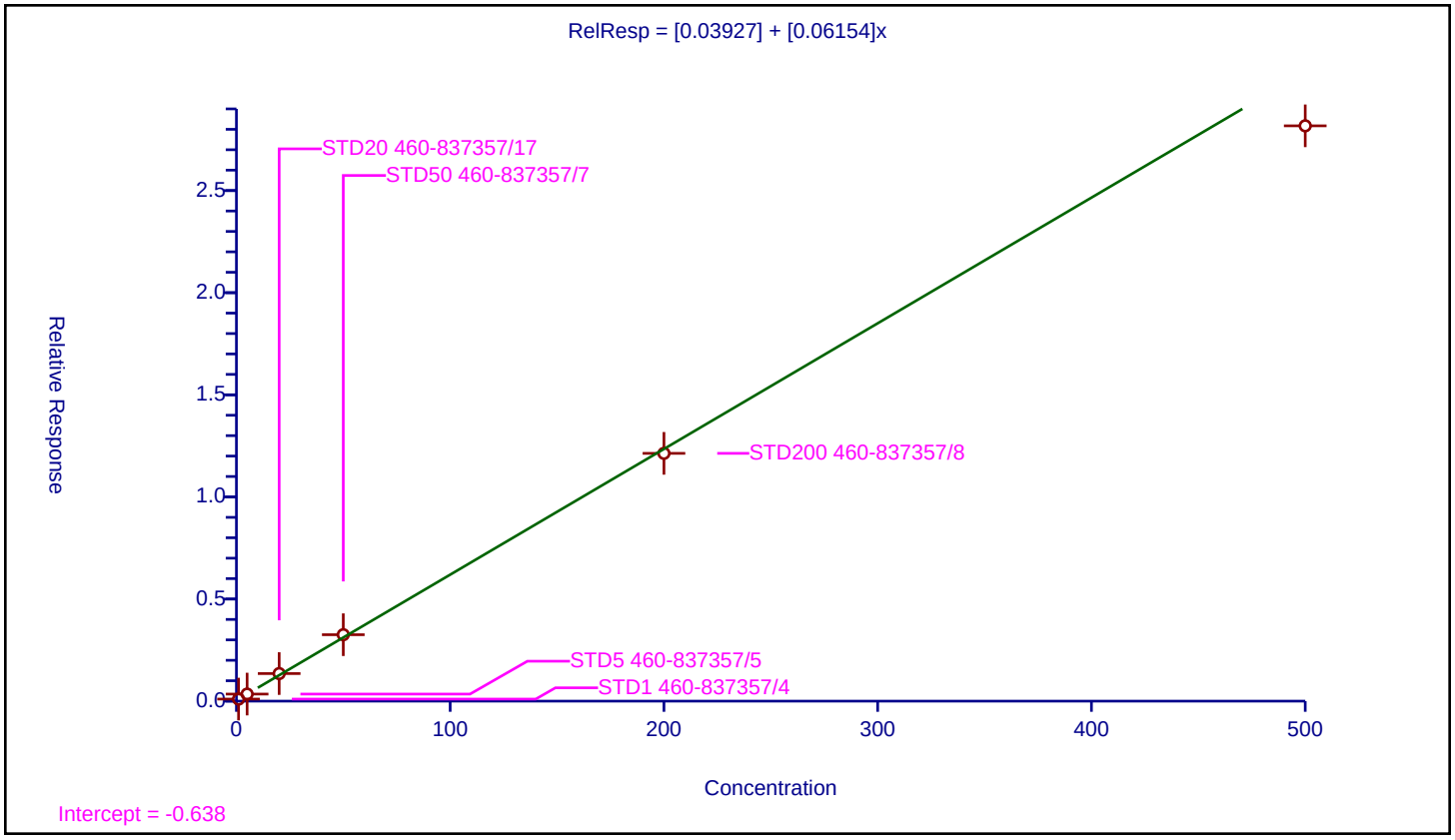
Curve Coefficients

Intercept:	0.03927
Slope:	0.06154

Error Coefficients

Standard Error:	205000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.100612	50.0	476085.0	0.100612	Y
2	STD5 460-837357/5	5.0	0.345982	50.0	440774.0	0.069196	Y
3	STD20 460-837357/17	20.0	1.350232	50.0	516615.0	0.067512	Y
4	STD50 460-837357/7	50.0	3.252701	50.0	497156.0	0.065054	Y
5	STD200 460-837357/8	200.0	12.133071	50.0	617865.0	0.060665	Y
6	STD500 460-837357/9	500.0	28.171158	50.0	675132.0	0.056342	Y



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

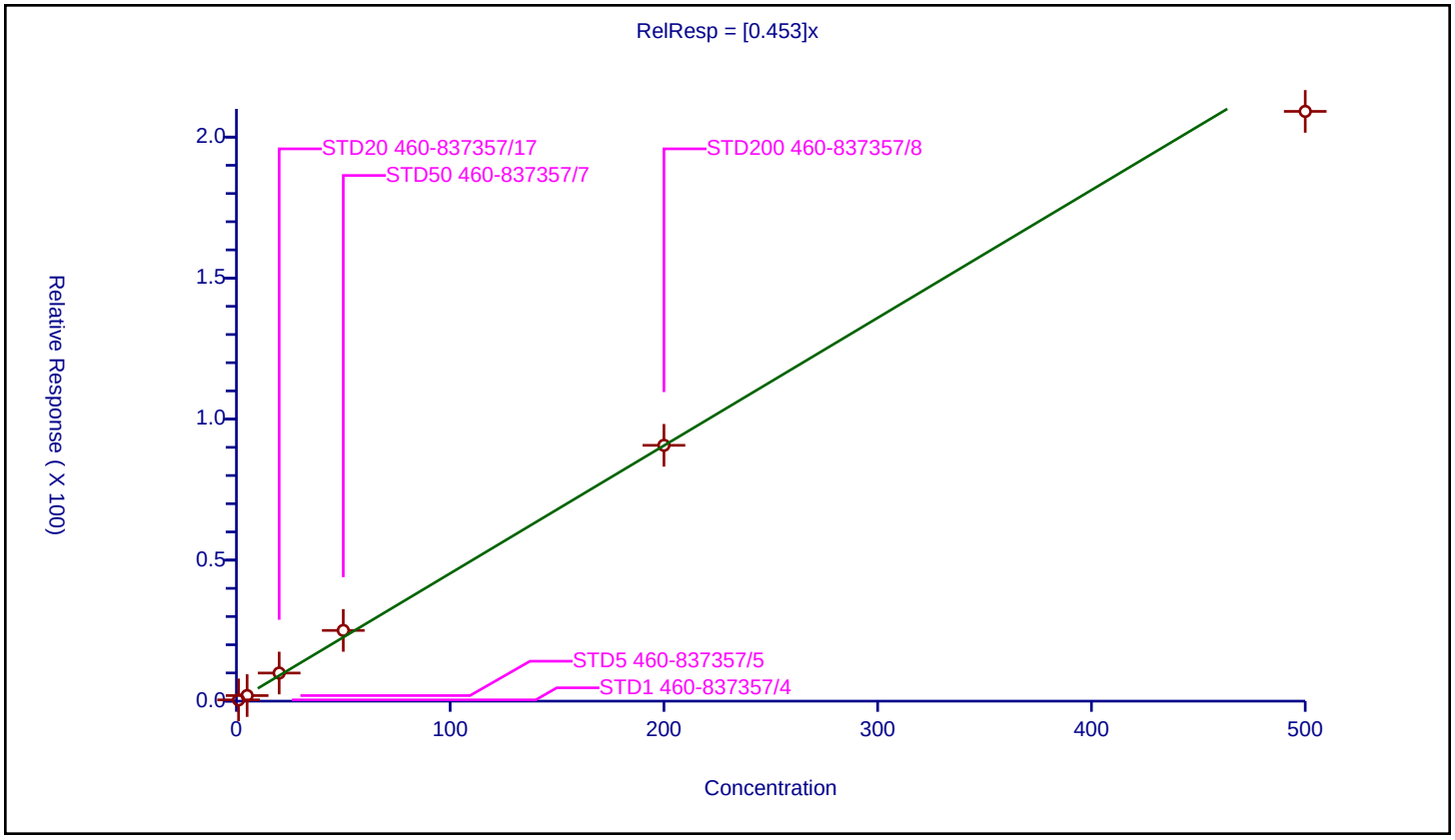
Curve Coefficients

Intercept:	0
Slope:	0.453

Error Coefficients

Standard Error:	1360000
Relative Standard Error:	9.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.45181	50.0	476085.0	0.45181	Y
2	STD5 460-837357/5	5.0	1.974368	50.0	440774.0	0.394874	Y
3	STD20 460-837357/17	20.0	9.964287	50.0	516615.0	0.498214	Y
4	STD50 460-837357/7	50.0	25.078044	50.0	497156.0	0.501561	Y
5	STD200 460-837357/8	200.0	90.710997	50.0	617865.0	0.453555	Y
6	STD500 460-837357/9	500.0	209.109404	50.0	675132.0	0.418219	Y



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

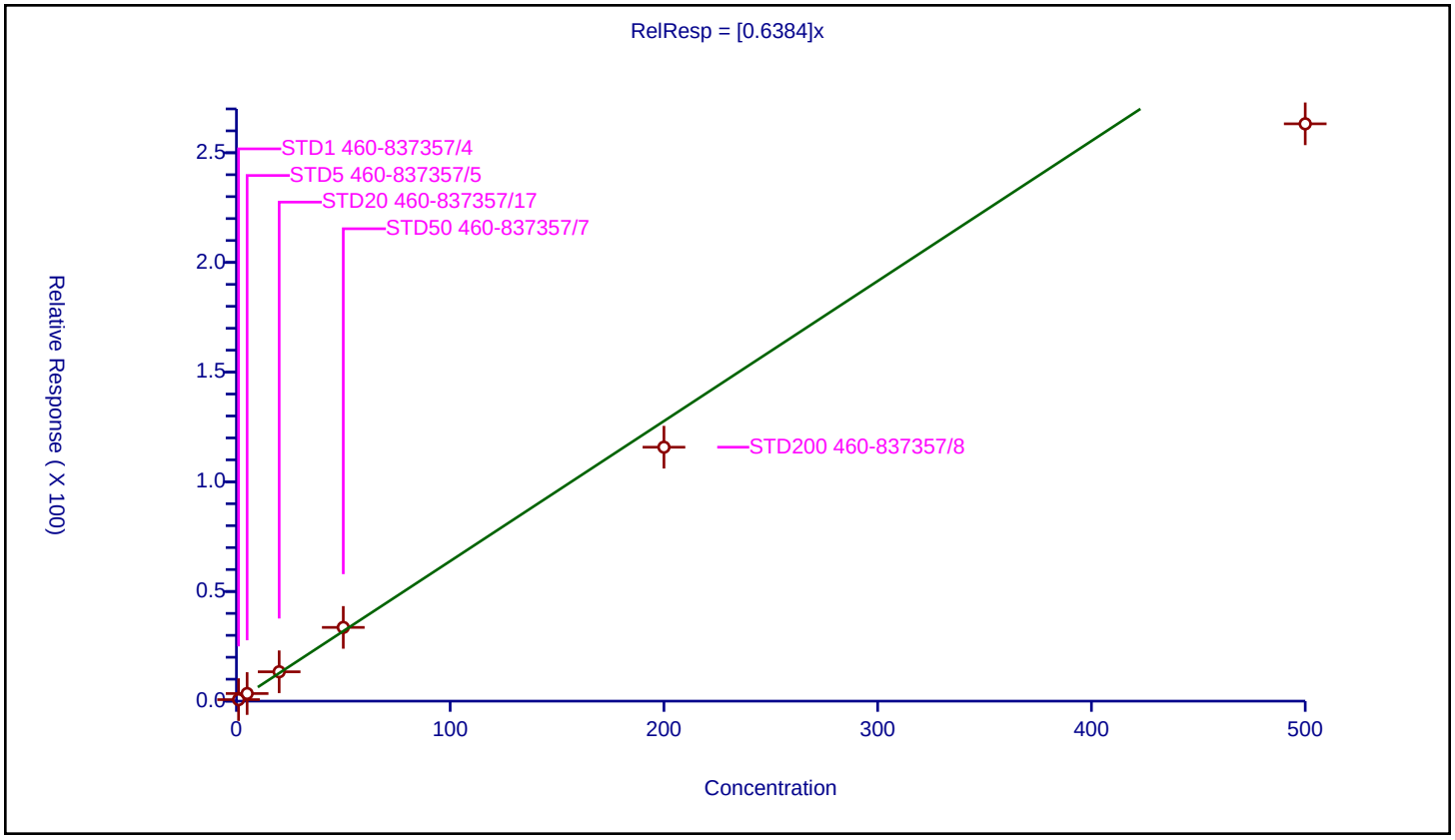
Curve Coefficients

Intercept:	0
Slope:	0.6384

Error Coefficients

Standard Error:	1720000
Relative Standard Error:	10.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.691053	50.0	476085.0	0.691053	Y
2	STD5 460-837357/5	5.0	3.462999	50.0	440774.0	0.6926	Y
3	STD20 460-837357/17	20.0	13.387436	50.0	516615.0	0.669372	Y
4	STD50 460-837357/7	50.0	33.616008	50.0	497156.0	0.67232	Y
5	STD200 460-837357/8	200.0	115.771083	50.0	617865.0	0.578855	Y
6	STD500 460-837357/9	500.0	263.194605	50.0	675132.0	0.526389	Y



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

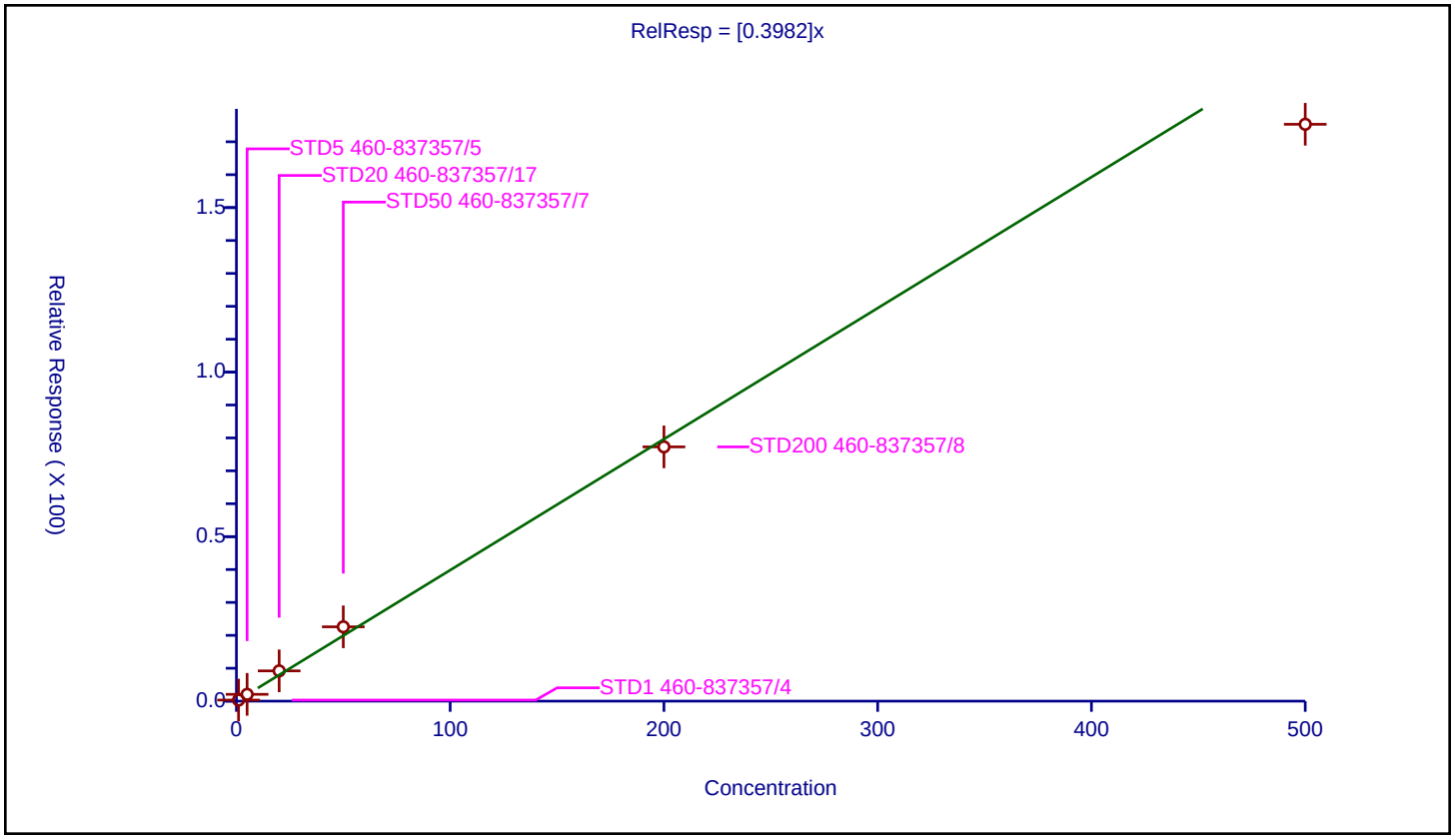
Curve Coefficients

Intercept:	0
Slope:	0.3982

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	13.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.325992	50.0	476085.0	0.325992	Y
2	STD5 460-837357/5	5.0	2.071697	50.0	440774.0	0.414339	Y
3	STD20 460-837357/17	20.0	9.198146	50.0	516615.0	0.459907	Y
4	STD50 460-837357/7	50.0	22.589791	50.0	497156.0	0.451796	Y
5	STD200 460-837357/8	200.0	77.277722	50.0	617865.0	0.386389	Y
6	STD500 460-837357/9	500.0	175.32253	50.0	675132.0	0.350645	Y



Calibration / Vinyl chloride

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

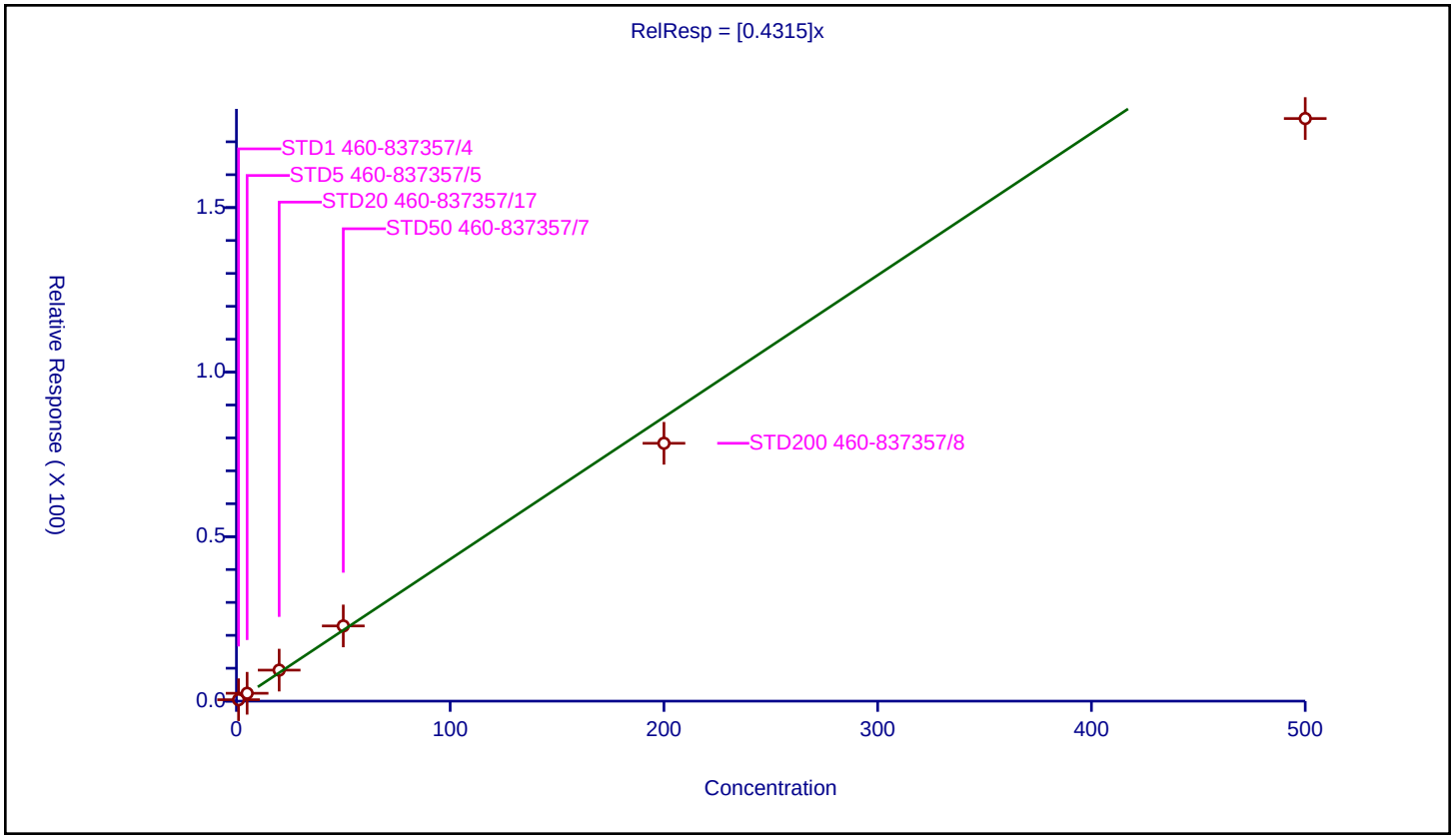
Curve Coefficients

Intercept:	0
Slope:	0.4315

Error Coefficients

Standard Error:	1160000
Relative Standard Error:	11.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.436582	50.0	476085.0	0.436582	Y
2	STD5 460-837357/5	5.0	2.390227	50.0	440774.0	0.478045	Y
3	STD20 460-837357/17	20.0	9.426459	50.0	516615.0	0.471323	Y
4	STD50 460-837357/7	50.0	22.858016	50.0	497156.0	0.45716	Y
5	STD200 460-837357/8	200.0	78.370842	50.0	617865.0	0.391854	Y
6	STD500 460-837357/9	500.0	177.071225	50.0	675132.0	0.354142	Y



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

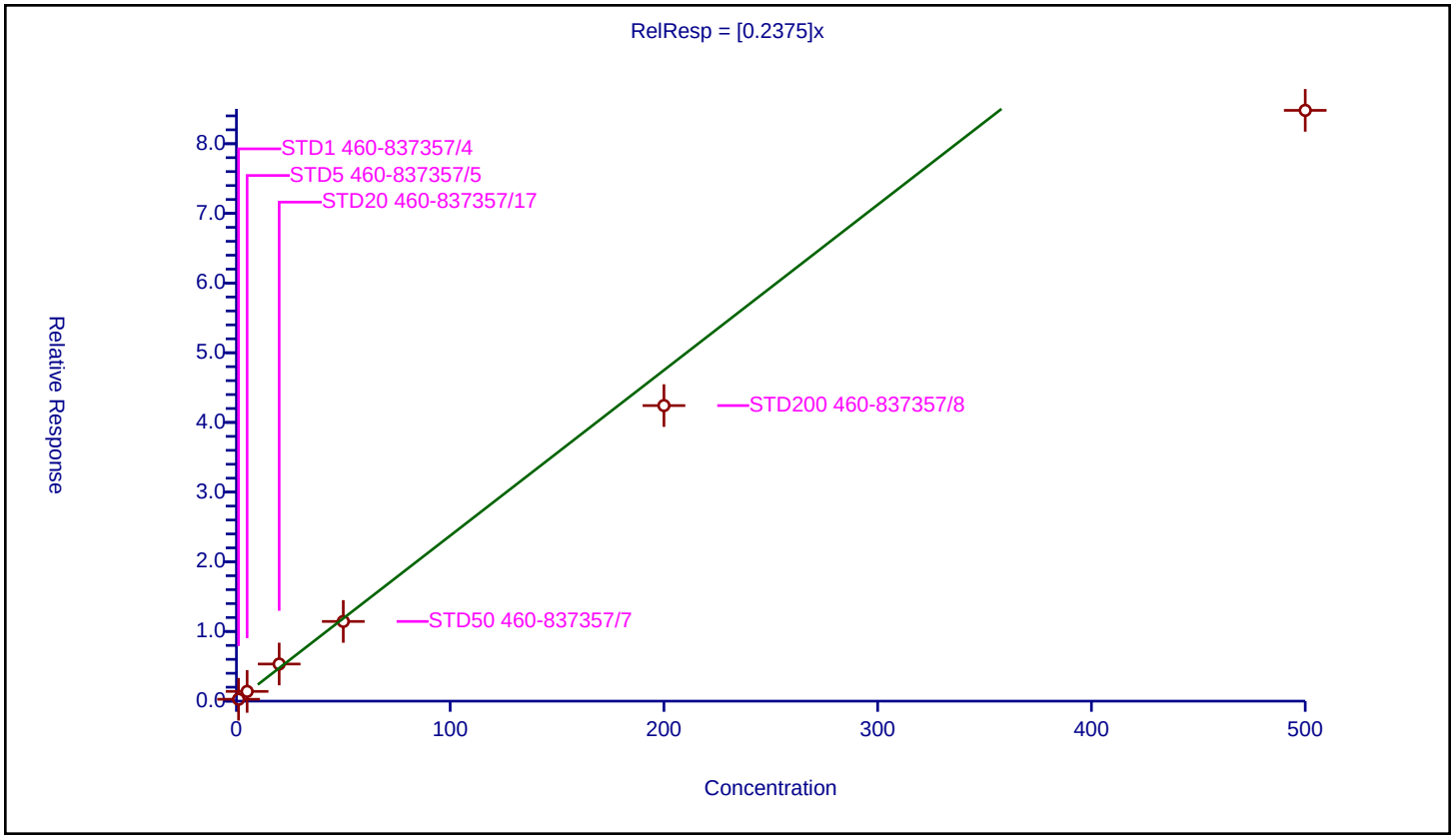
Curve Coefficients

Intercept:	0
Slope:	0.2375

Error Coefficients

Standard Error:	566000
Relative Standard Error:	17.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.26865	50.0	476085.0	0.26865	Y
2	STD5 460-837357/5	5.0	1.396634	50.0	440774.0	0.279327	Y
3	STD20 460-837357/17	20.0	5.328243	50.0	516615.0	0.266412	Y
4	STD50 460-837357/7	50.0	11.439065	50.0	497156.0	0.228781	Y
5	STD200 460-837357/8	200.0	42.421969	50.0	617865.0	0.21211	Y
6	STD500 460-837357/9	500.0	84.791345	50.0	675132.0	0.169583	Y



Calibration / Chloroethane

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

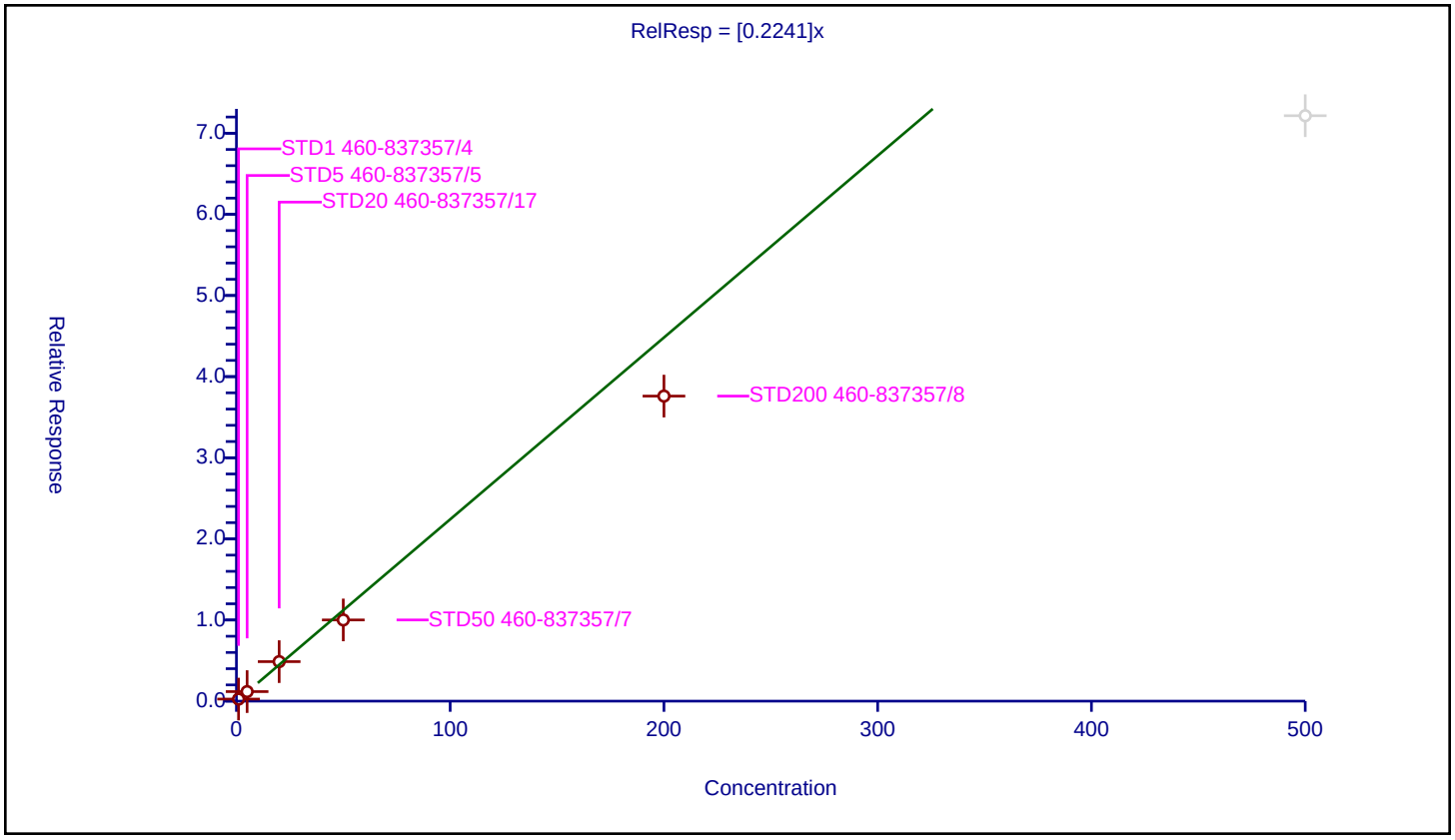
Curve Coefficients

Intercept:	0
Slope:	0.2241

Error Coefficients

Standard Error:	239000
Relative Standard Error:	12.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.253106	50.0	476085.0	0.253106	Y
2	STD5 460-837357/5	5.0	1.177928	50.0	440774.0	0.235586	Y
3	STD20 460-837357/17	20.0	4.871132	50.0	516615.0	0.243557	Y
4	STD50 460-837357/7	50.0	10.008931	50.0	497156.0	0.200179	Y
5	STD200 460-837357/8	200.0	37.601741	50.0	617865.0	0.188009	Y
6	STD500 460-837357/9	500.0	72.158704	50.0	675132.0	0.144317	N



Calibration / Dichlorofluoromethane

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

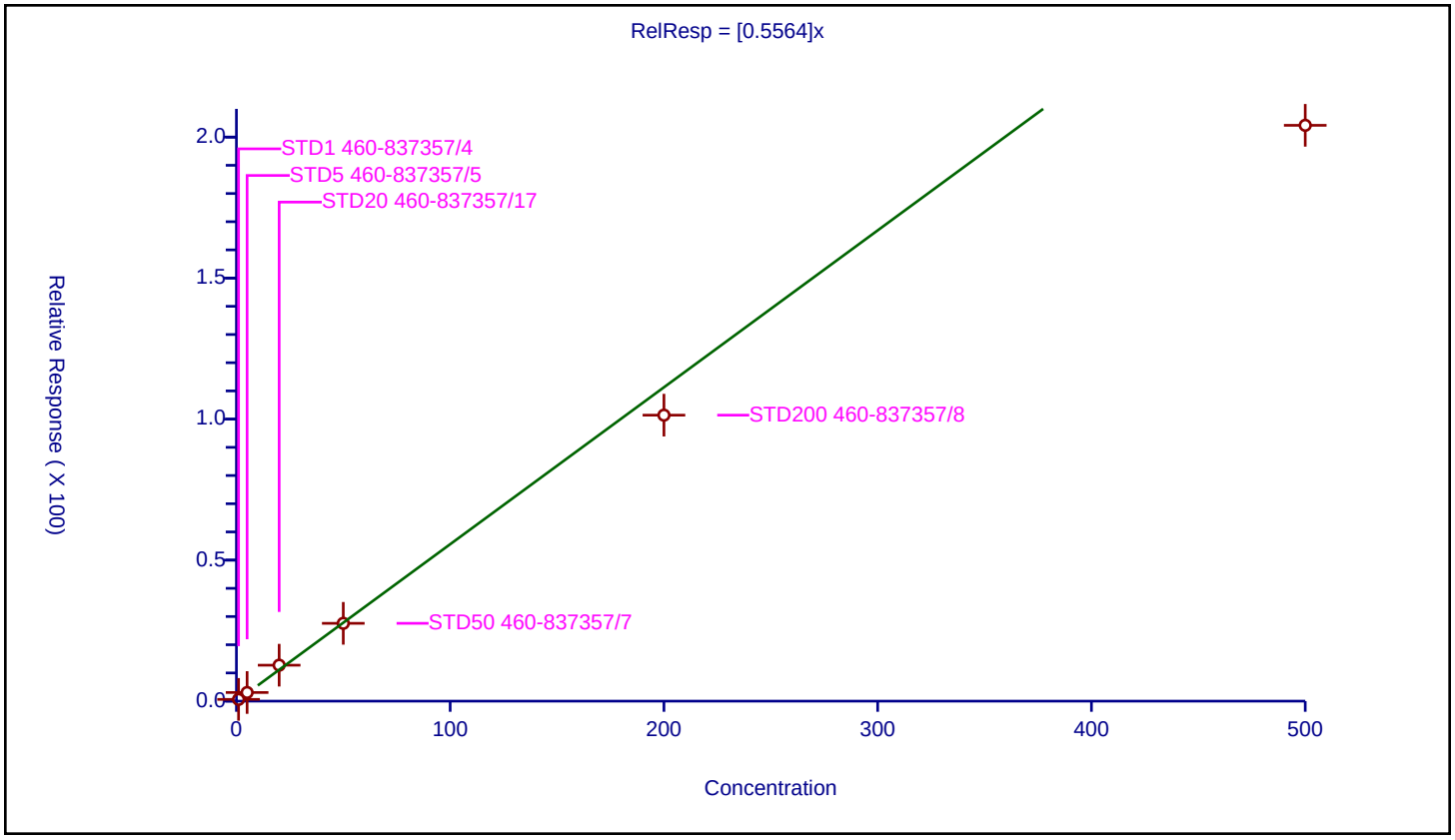
Curve Coefficients

Intercept:	0
Slope:	0.5564

Error Coefficients

Standard Error:	1360000
Relative Standard Error:	15.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.621843	50.0	476085.0	0.621843	Y
2	STD5 460-837357/5	5.0	3.060298	50.0	440774.0	0.61206	Y
3	STD20 460-837357/17	20.0	12.745081	50.0	516615.0	0.637254	Y
4	STD50 460-837357/7	50.0	27.594457	50.0	497156.0	0.551889	Y
5	STD200 460-837357/8	200.0	101.40419	50.0	617865.0	0.507021	Y
6	STD500 460-837357/9	500.0	204.173406	50.0	675132.0	0.408347	Y



Calibration / Pentane

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

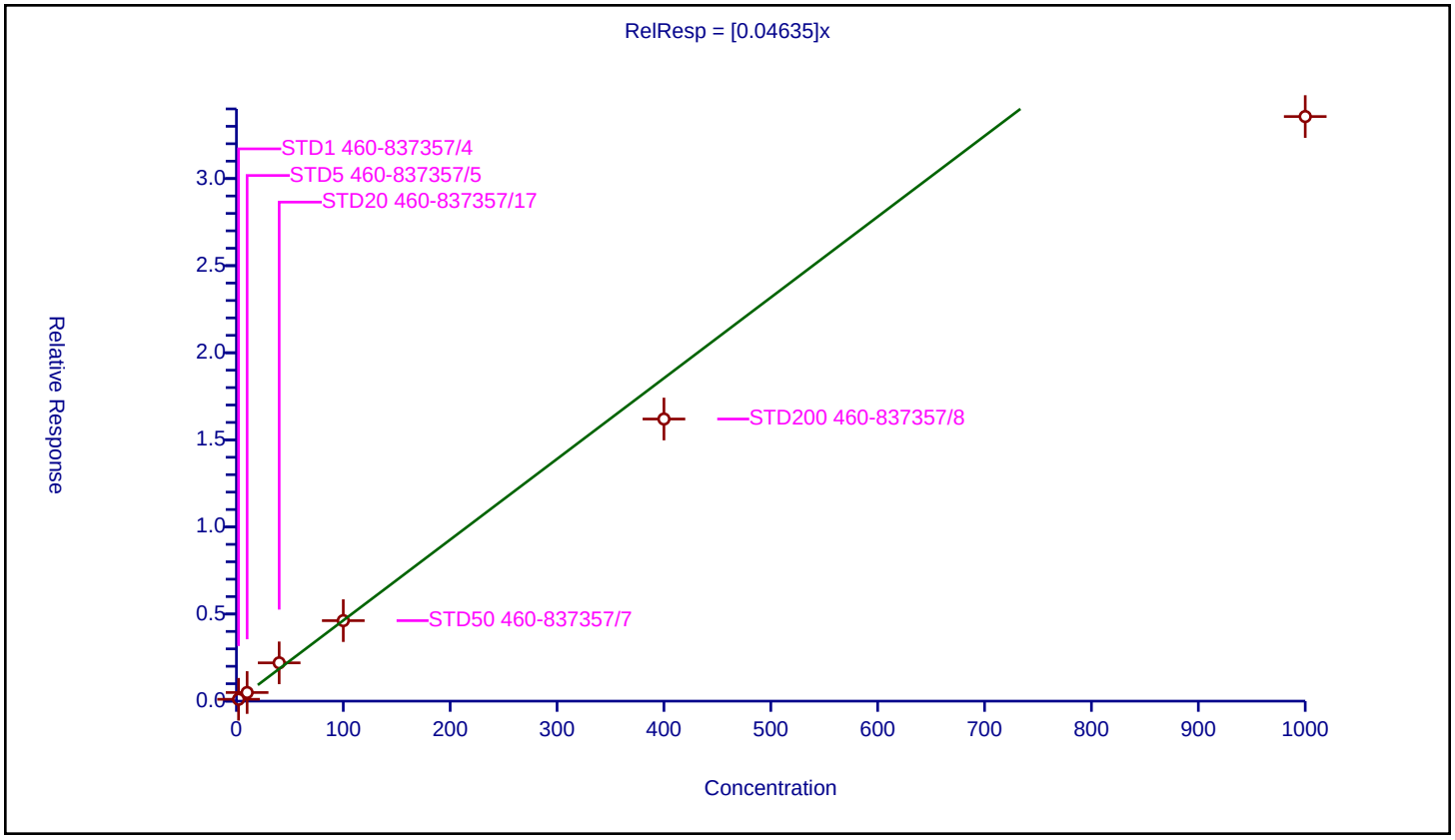
Curve Coefficients

Intercept:	0
Slope:	0.04635

Error Coefficients

Standard Error:	223000
Relative Standard Error:	17.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	2.0	0.106914	50.0	476085.0	0.053457	Y
2	STD5 460-837357/5	10.0	0.494244	50.0	440774.0	0.049424	Y
3	STD20 460-837357/17	40.0	2.197962	50.0	516615.0	0.054949	Y
4	STD50 460-837357/7	100.0	4.621286	50.0	497156.0	0.046213	Y
5	STD200 460-837357/8	400.0	16.196095	50.0	617865.0	0.04049	Y
6	STD500 460-837357/9	1000.0	33.560918	50.0	675132.0	0.033561	Y



Calibration / Trichlorofluoromethane

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

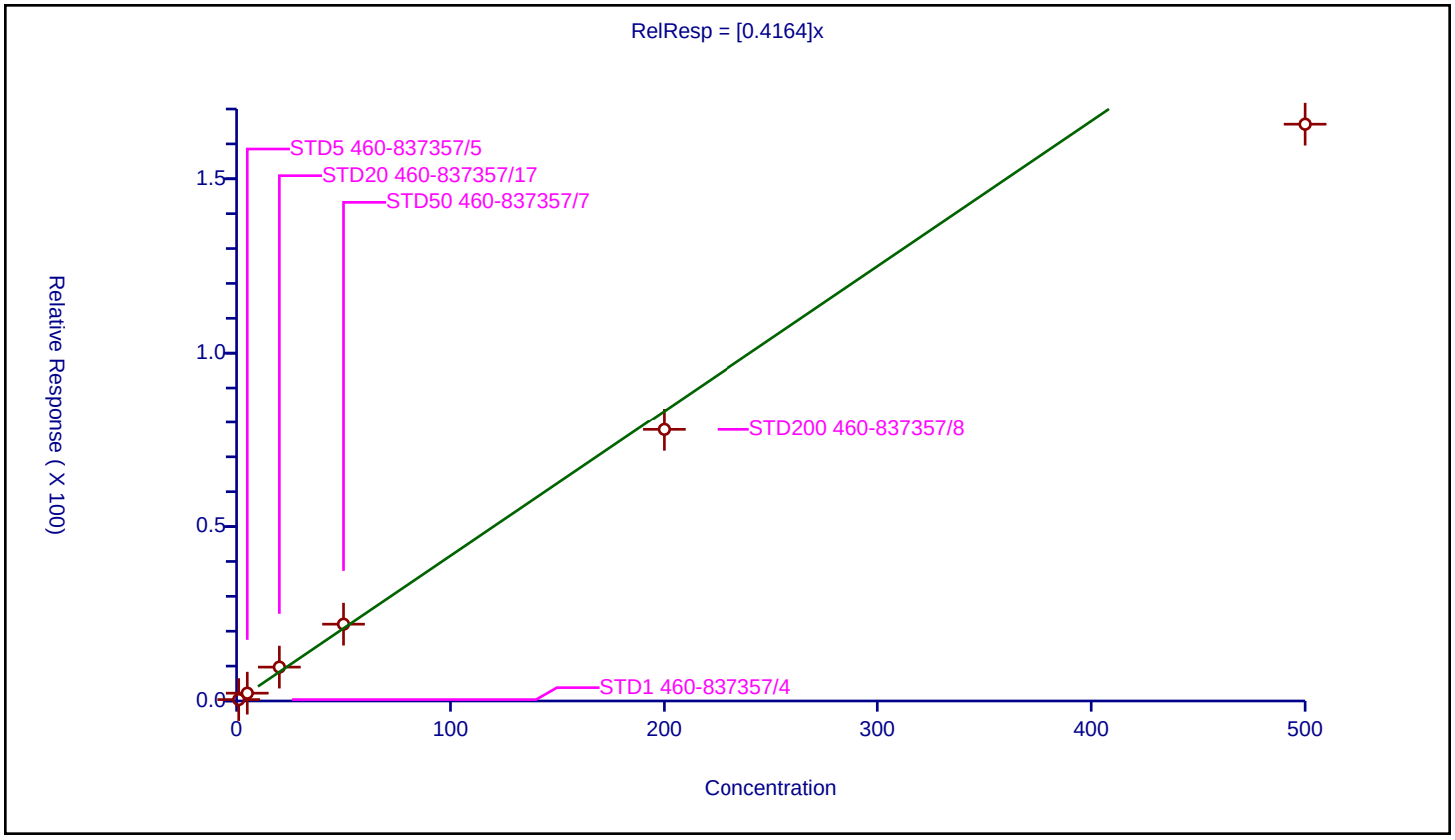
Curve Coefficients

Intercept:	0
Slope:	0.4164

Error Coefficients

Standard Error:	1090000
Relative Standard Error:	12.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.403079	50.0	476085.0	0.403079	Y
2	STD5 460-837357/5	5.0	2.242419	50.0	440774.0	0.448484	Y
3	STD20 460-837357/17	20.0	9.709455	50.0	516615.0	0.485473	Y
4	STD50 460-837357/7	50.0	22.020452	50.0	497156.0	0.440409	Y
5	STD200 460-837357/8	200.0	77.883437	50.0	617865.0	0.389417	Y
6	STD500 460-837357/9	500.0	165.650717	50.0	675132.0	0.331301	Y



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

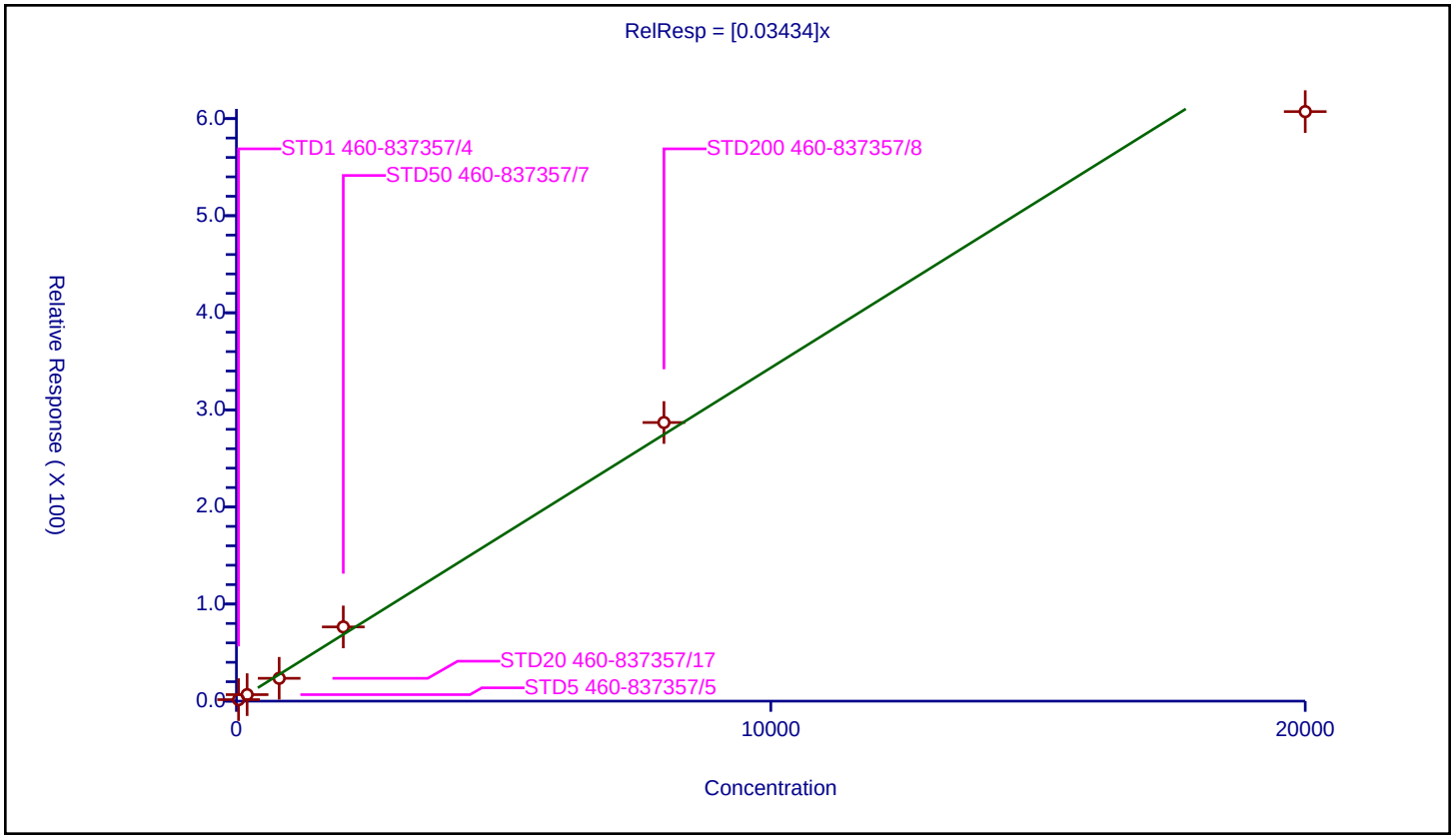
Curve Coefficients

Intercept:	0
Slope:	0.03434

Error Coefficients

Standard Error:	118000
Relative Standard Error:	11.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	40.0	1.544635	1000.0	399447.0	0.038616	Y
2	STD5 460-837357/5	200.0	6.704659	1000.0	344984.0	0.033523	Y
3	STD20 460-837357/17	800.0	23.533138	1000.0	363105.0	0.029416	Y
4	STD50 460-837357/7	2000.0	76.447975	1000.0	454963.0	0.038224	Y
5	STD200 460-837357/8	8000.0	286.98451	1000.0	366302.0	0.035873	Y
6	STD500 460-837357/9	20000.0	607.188606	1000.0	395014.0	0.030359	Y



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

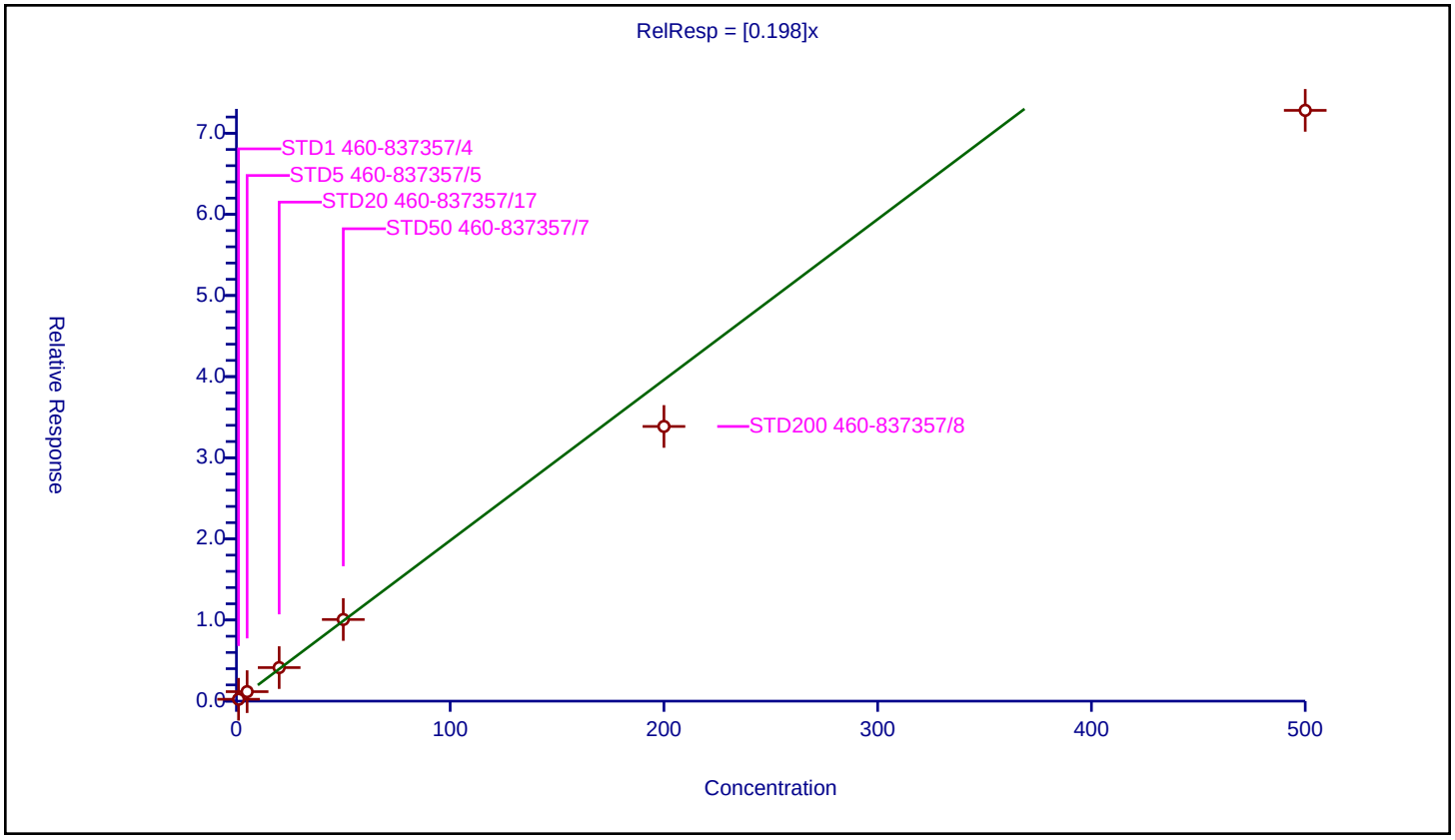
Curve Coefficients

Intercept:	0
Slope:	0.198

Error Coefficients

Standard Error:	480000
Relative Standard Error:	17.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.231156	50.0	476085.0	0.231156	Y
2	STD5 460-837357/5	5.0	1.16942	50.0	440774.0	0.233884	Y
3	STD20 460-837357/17	20.0	4.13422	50.0	516615.0	0.206711	Y
4	STD50 460-837357/7	50.0	10.064245	50.0	497156.0	0.201285	Y
5	STD200 460-837357/8	200.0	33.859015	50.0	617865.0	0.169295	Y
6	STD500 460-837357/9	500.0	72.820574	50.0	675132.0	0.145641	Y



Calibration / 2-Methyl-1,3-butadiene

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

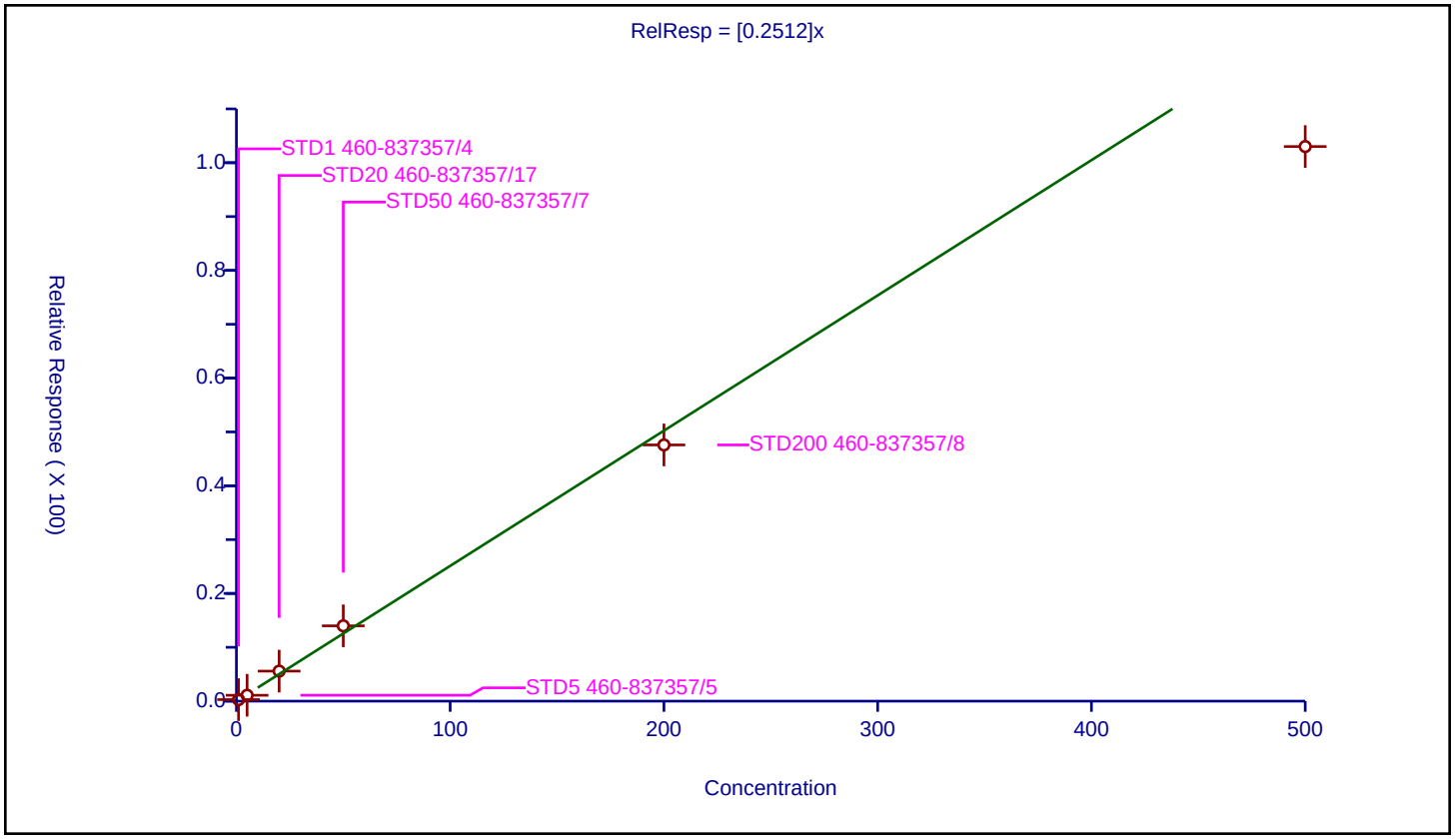
Curve Coefficients

Intercept:	0
Slope:	0.2512

Error Coefficients

Standard Error:	679000
Relative Standard Error:	13.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.286188	50.0	476085.0	0.286188	Y
2	STD5 460-837357/5	5.0	1.091602	50.0	440774.0	0.21832	Y
3	STD20 460-837357/17	20.0	5.578235	50.0	516615.0	0.278912	Y
4	STD50 460-837357/7	50.0	13.98907	50.0	497156.0	0.279781	Y
5	STD200 460-837357/8	200.0	47.586528	50.0	617865.0	0.237933	Y
6	STD500 460-837357/9	500.0	103.007116	50.0	675132.0	0.206014	Y



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

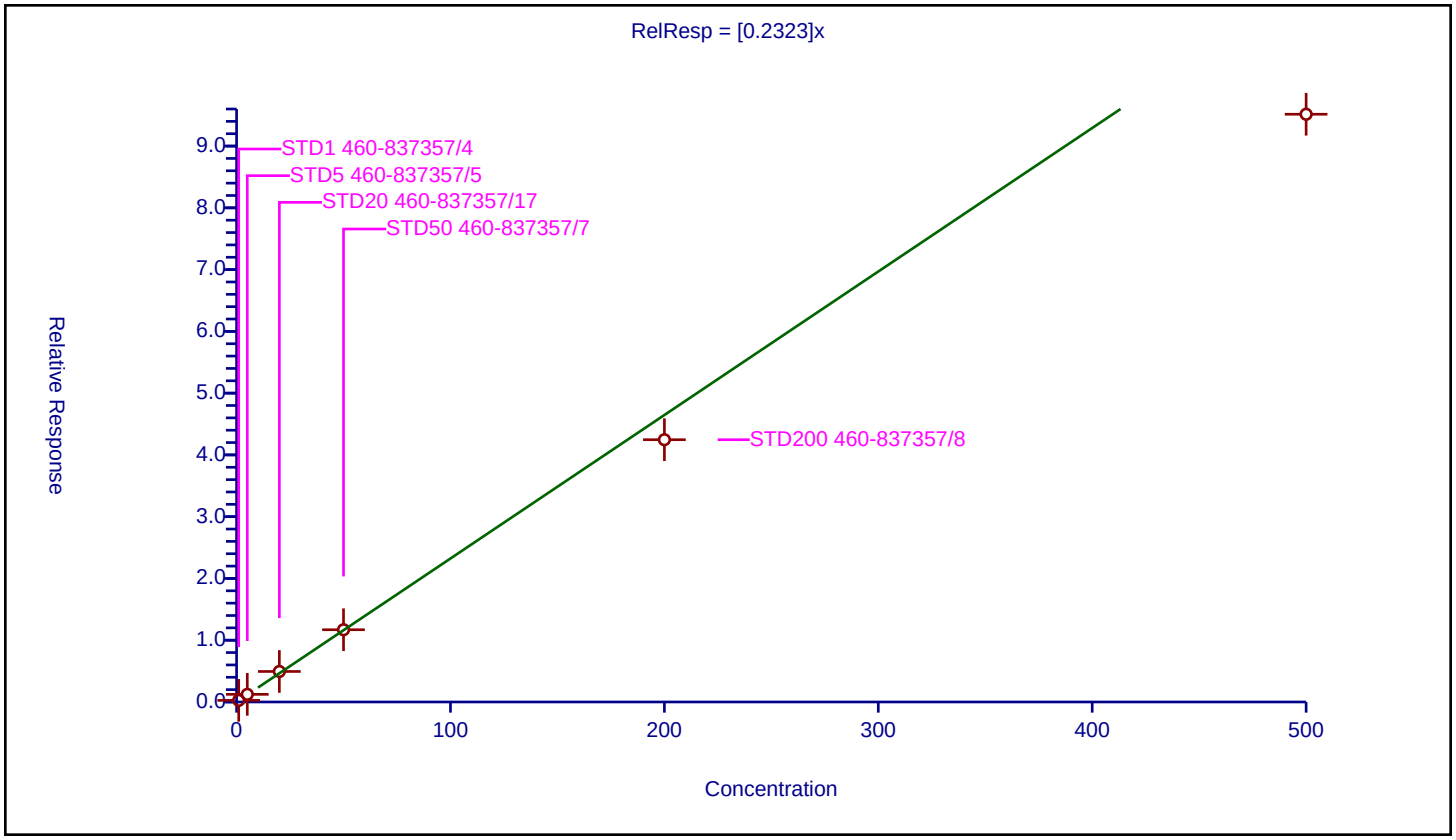
Curve Coefficients

Intercept:	0
Slope:	0.2323

Error Coefficients

Standard Error:	623000
Relative Standard Error:	11.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.262558	50.0	476085.0	0.262558	Y
2	STD5 460-837357/5	5.0	1.238163	50.0	440774.0	0.247633	Y
3	STD20 460-837357/17	20.0	4.941688	50.0	516615.0	0.247084	Y
4	STD50 460-837357/7	50.0	11.697033	50.0	497156.0	0.233941	Y
5	STD200 460-837357/8	200.0	42.461622	50.0	617865.0	0.212308	Y
6	STD500 460-837357/9	500.0	95.153392	50.0	675132.0	0.190307	Y



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

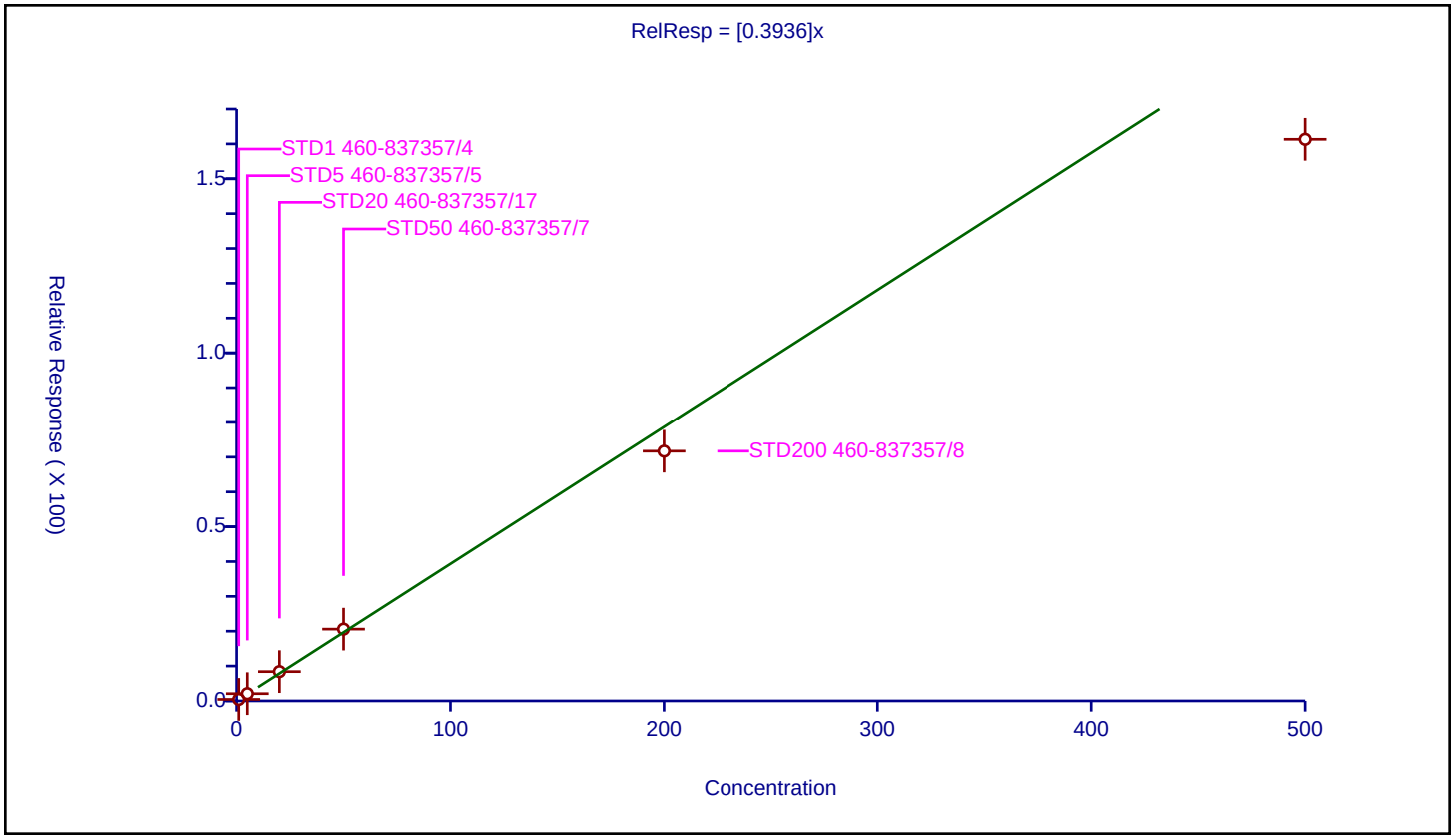
Curve Coefficients

Intercept:	0
Slope:	0.3936

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	11.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.432486	50.0	476085.0	0.432486	Y
2	STD5 460-837357/5	5.0	2.077936	50.0	440774.0	0.415587	Y
3	STD20 460-837357/17	20.0	8.401711	50.0	516615.0	0.420086	Y
4	STD50 460-837357/7	50.0	20.596654	50.0	497156.0	0.411933	Y
5	STD200 460-837357/8	200.0	71.721169	50.0	617865.0	0.358606	Y
6	STD500 460-837357/9	500.0	161.32423	50.0	675132.0	0.322648	Y



Calibration / Acrolein

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

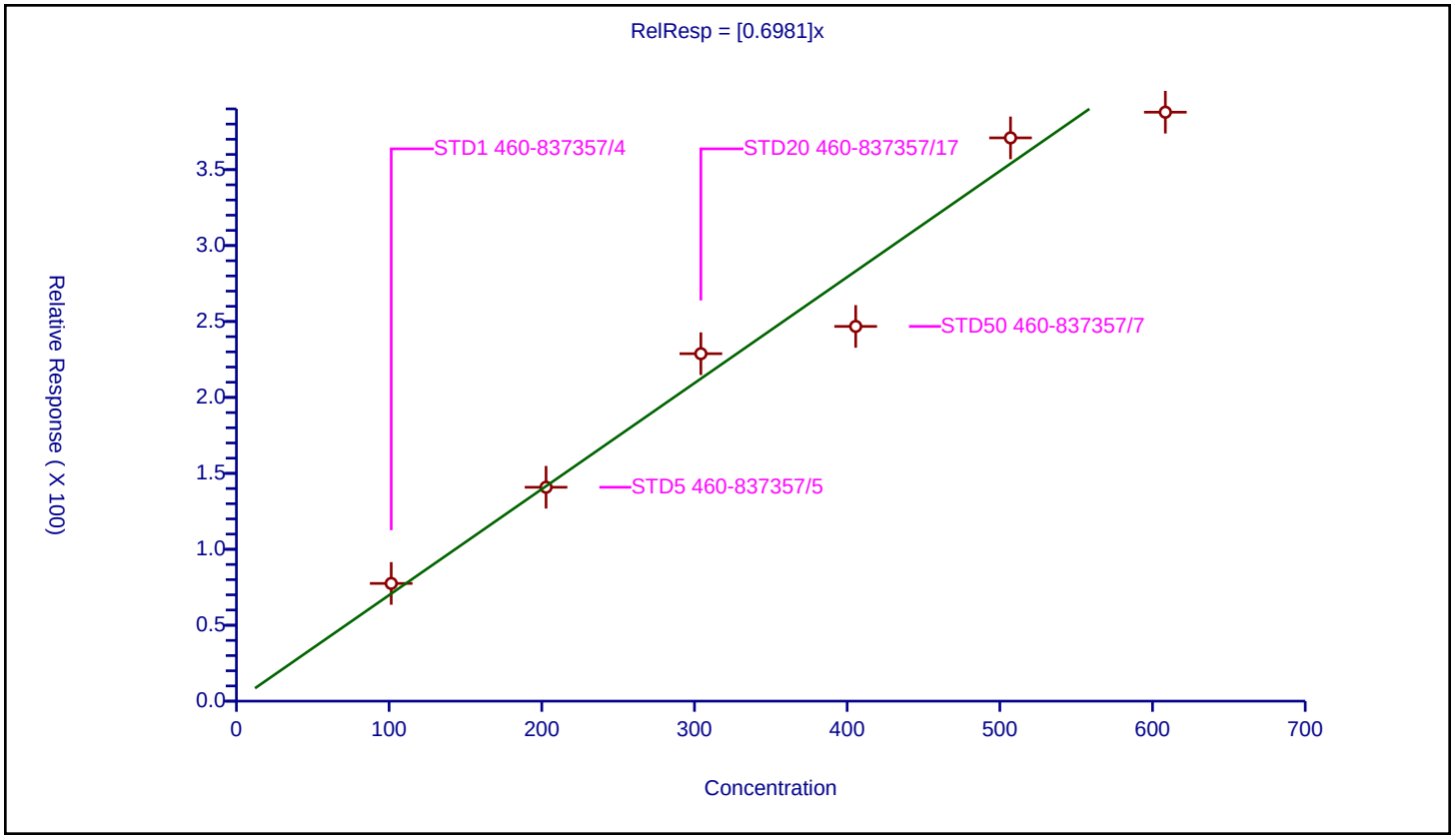
Curve Coefficients

Intercept:	0
Slope:	0.6981

Error Coefficients

Standard Error:	114000
Relative Standard Error:	9.1
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	101.4	77.507154	1000.0	399447.0	0.76437	Y
2	STD5 460-837357/5	202.8	140.841314	1000.0	344984.0	0.694484	Y
3	STD20 460-837357/17	304.2	228.80434	1000.0	363105.0	0.752151	Y
4	STD50 460-837357/7	405.6	246.760726	1000.0	454963.0	0.608384	Y
5	STD200 460-837357/8	507.0	370.912526	1000.0	366302.0	0.731583	Y
6	STD500 460-837357/9	608.4	387.826761	1000.0	395014.0	0.637454	Y



Calibration / 1,1-Dichloroethene

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

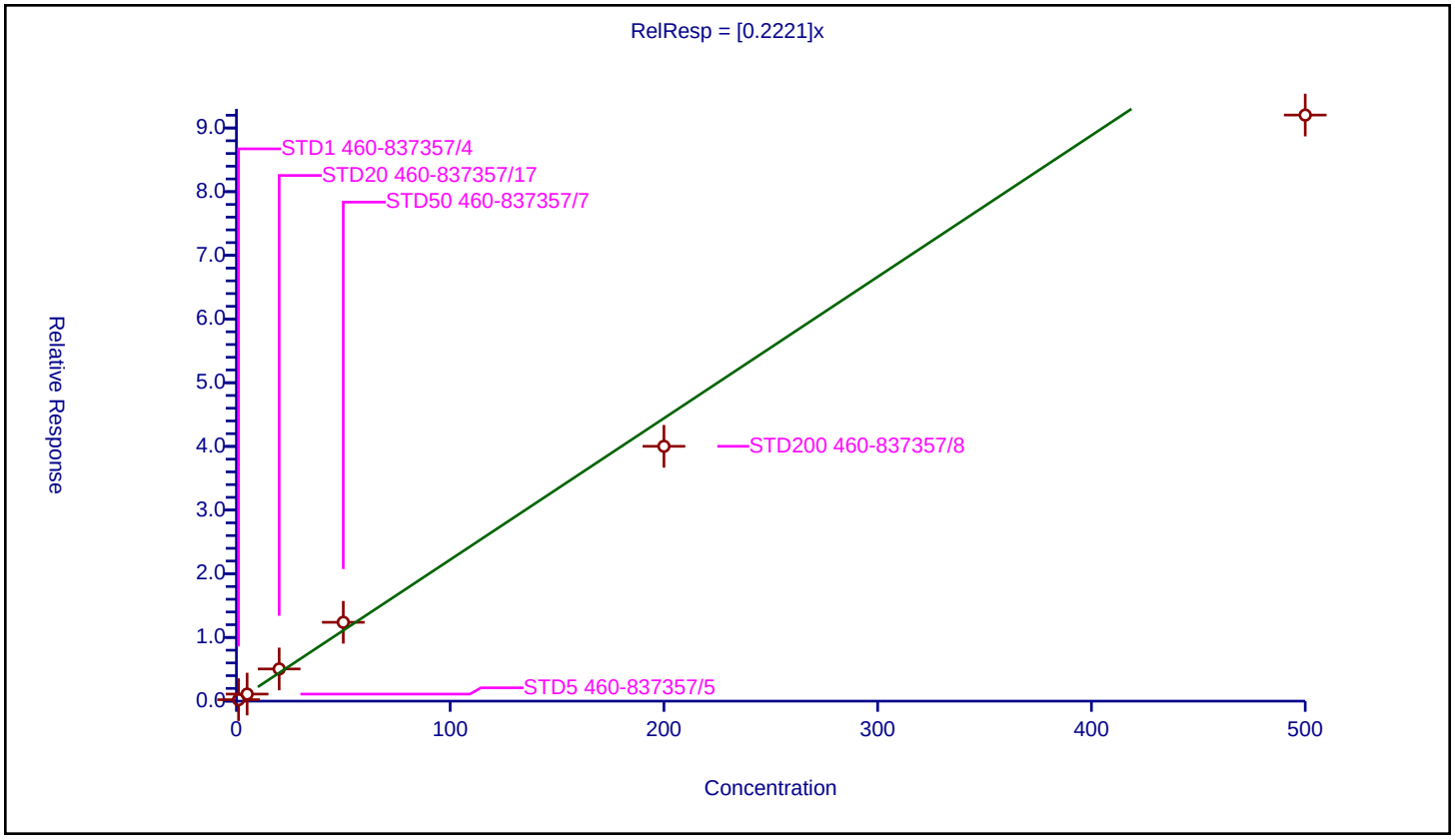
Curve Coefficients

Intercept:	0
Slope:	0.2221

Error Coefficients

Standard Error:	601000
Relative Standard Error:	12.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.22601	50.0	476085.0	0.22601	Y
2	STD5 460-837357/5	5.0	1.11032	50.0	440774.0	0.222064	Y
3	STD20 460-837357/17	20.0	5.054538	50.0	516615.0	0.252727	Y
4	STD50 460-837357/7	50.0	12.381023	50.0	497156.0	0.24762	Y
5	STD200 460-837357/8	200.0	40.019422	50.0	617865.0	0.200097	Y
6	STD500 460-837357/9	500.0	92.032151	50.0	675132.0	0.184064	Y



Calibration / Acetone

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

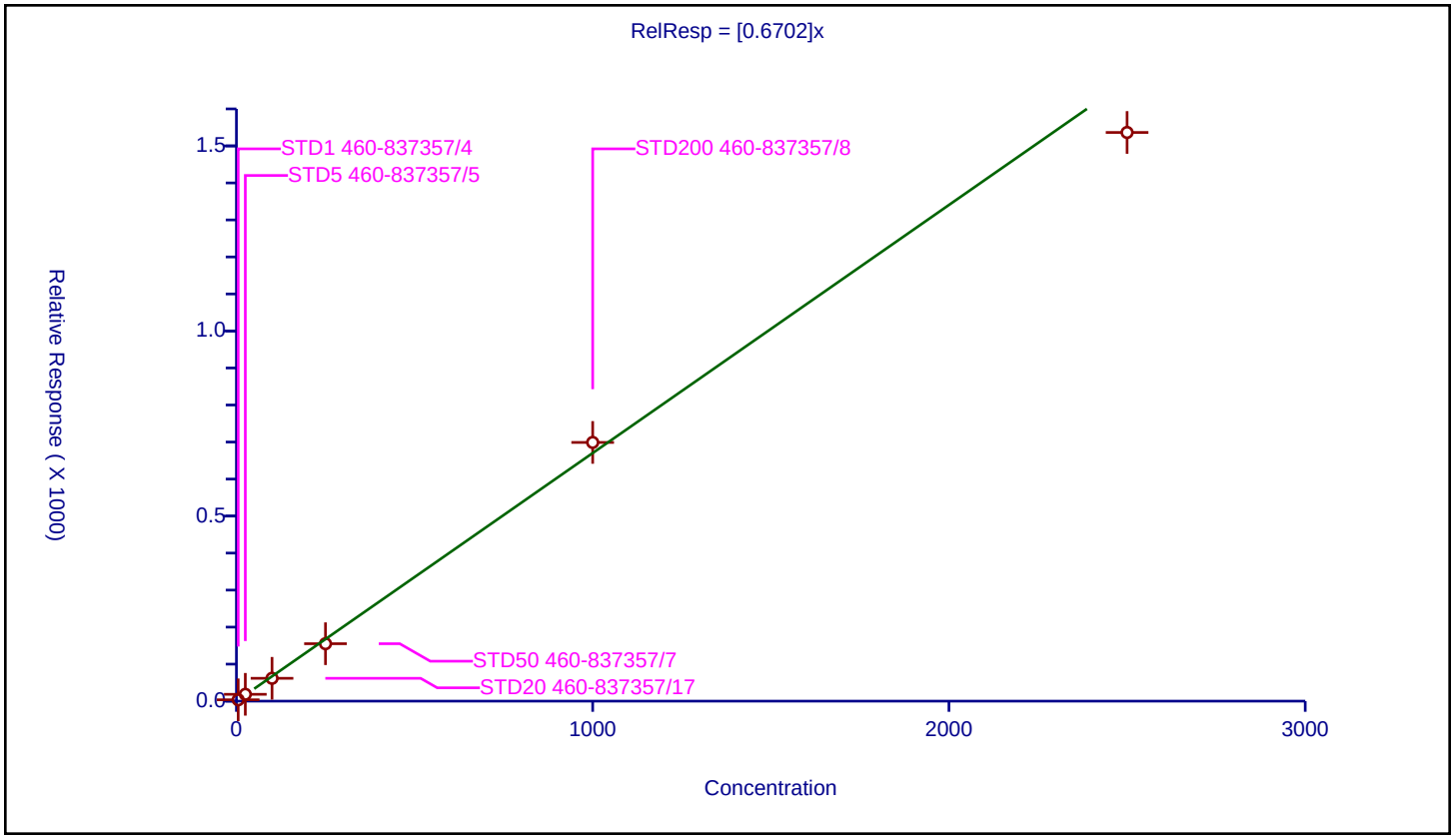
Curve Coefficients

Intercept:	0
Slope:	0.6702

Error Coefficients

Standard Error:	1230000
Relative Standard Error:	8.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	5.0	3.662554	250.0	333920.0	0.732511	Y
2	STD5 460-837357/5	25.0	18.447009	250.0	307394.0	0.73788	Y
3	STD20 460-837357/17	100.0	61.667425	250.0	333904.0	0.616674	Y
4	STD50 460-837357/7	250.0	155.195972	250.0	397760.0	0.620784	Y
5	STD200 460-837357/8	1000.0	698.911507	250.0	379929.0	0.698912	Y
6	STD500 460-837357/9	2500.0	1536.302295	250.0	410890.0	0.614521	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

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

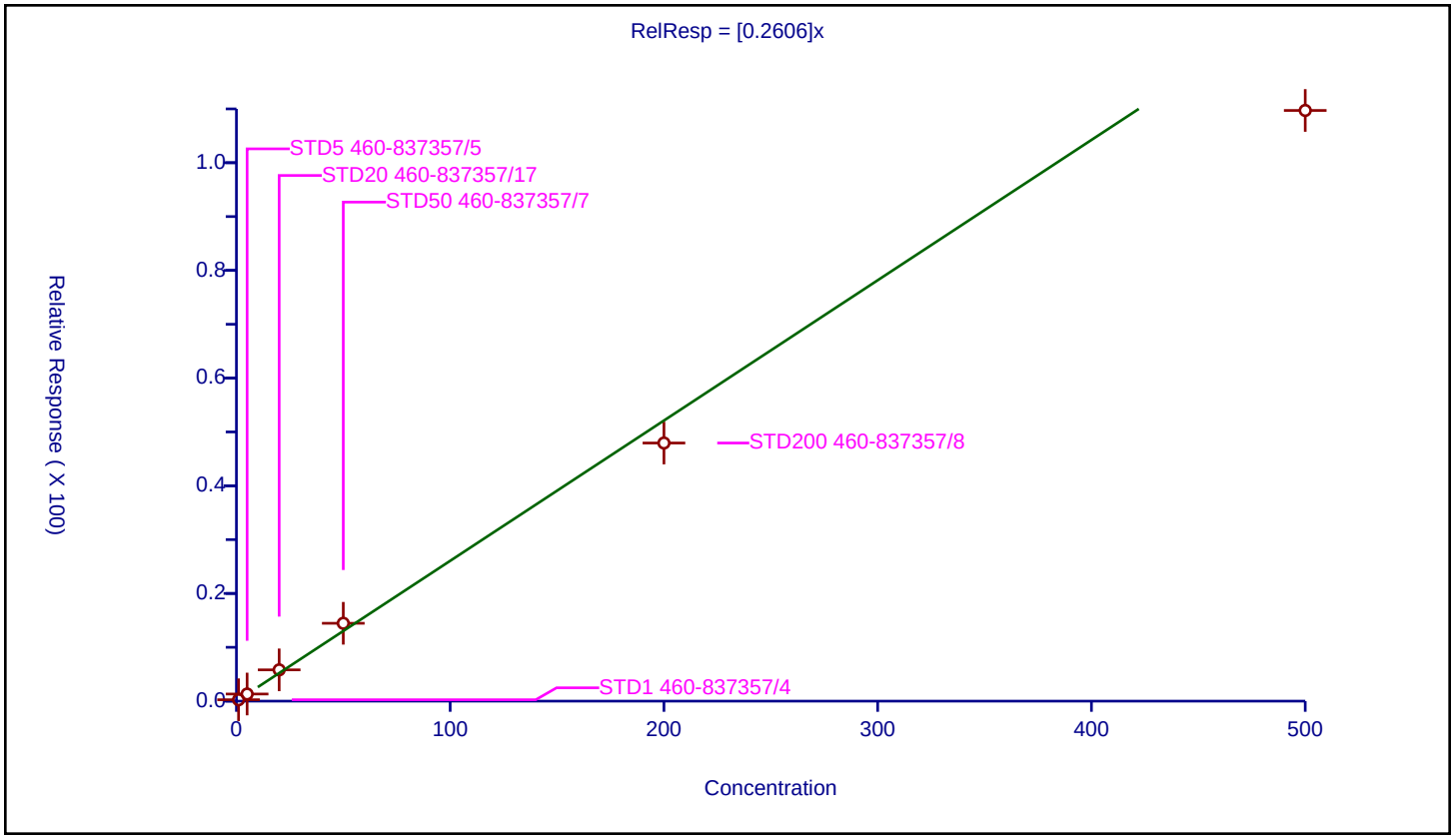
Curve Coefficients

Intercept:	0
Slope:	0.2606

Error Coefficients

Standard Error:	717000
Relative Standard Error:	10.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.259512	50.0	476085.0	0.259512	Y
2	STD5 460-837357/5	5.0	1.324942	50.0	440774.0	0.264988	Y
3	STD20 460-837357/17	20.0	5.811581	50.0	516615.0	0.290579	Y
4	STD50 460-837357/7	50.0	14.46206	50.0	497156.0	0.289241	Y
5	STD200 460-837357/8	200.0	47.94146	50.0	617865.0	0.239707	Y
6	STD500 460-837357/9	500.0	109.708694	50.0	675132.0	0.219417	Y



Calibration / Iodomethane

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

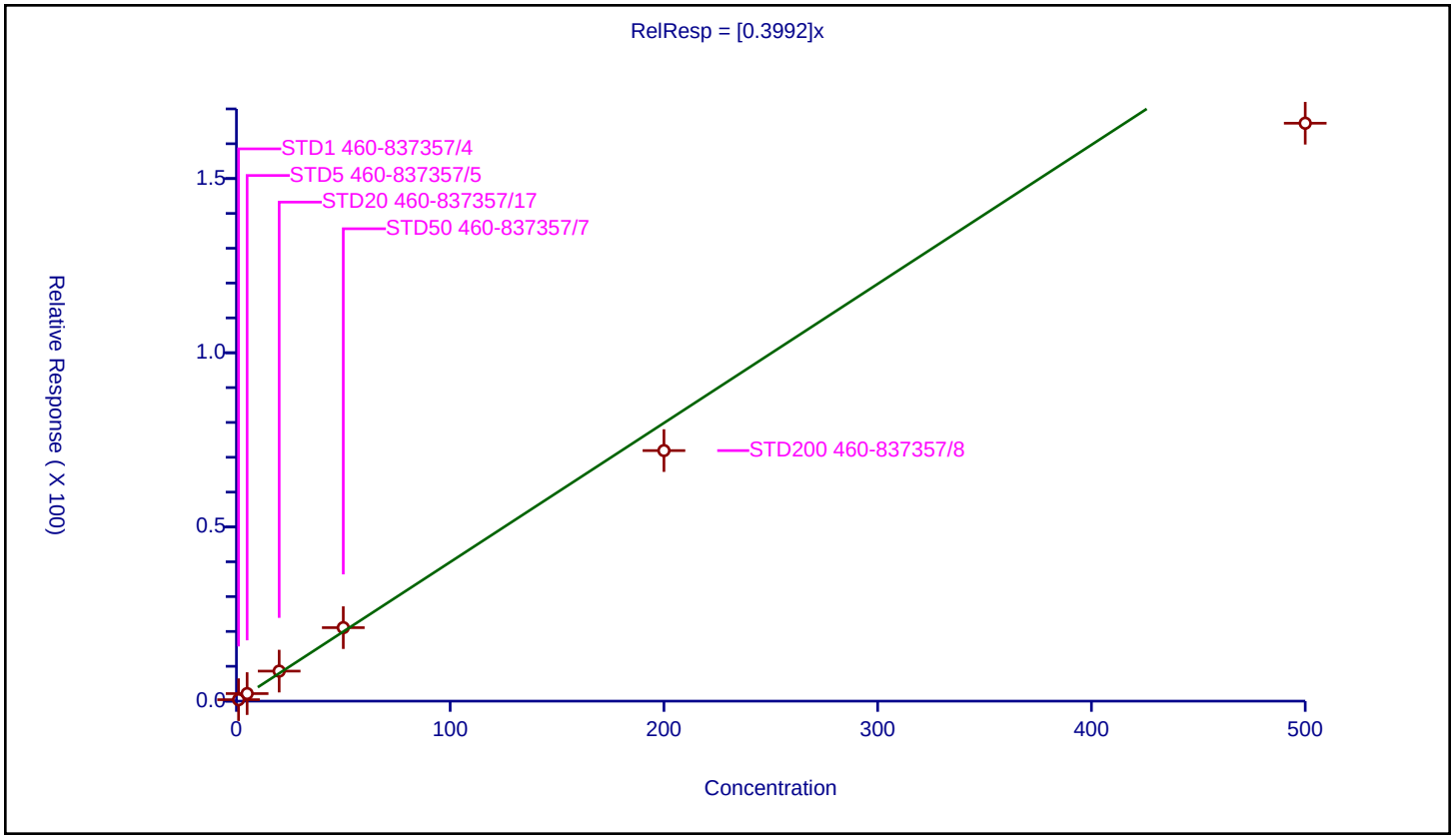
Curve Coefficients

Intercept:	0
Slope:	0.3992

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	10.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.417047	50.0	476085.0	0.417047	Y
2	STD5 460-837357/5	5.0	2.170046	50.0	440774.0	0.434009	Y
3	STD20 460-837357/17	20.0	8.617442	50.0	516615.0	0.430872	Y
4	STD50 460-837357/7	50.0	21.094586	50.0	497156.0	0.421892	Y
5	STD200 460-837357/8	200.0	71.919918	50.0	617865.0	0.3596	Y
6	STD500 460-837357/9	500.0	165.888819	50.0	675132.0	0.331778	Y



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

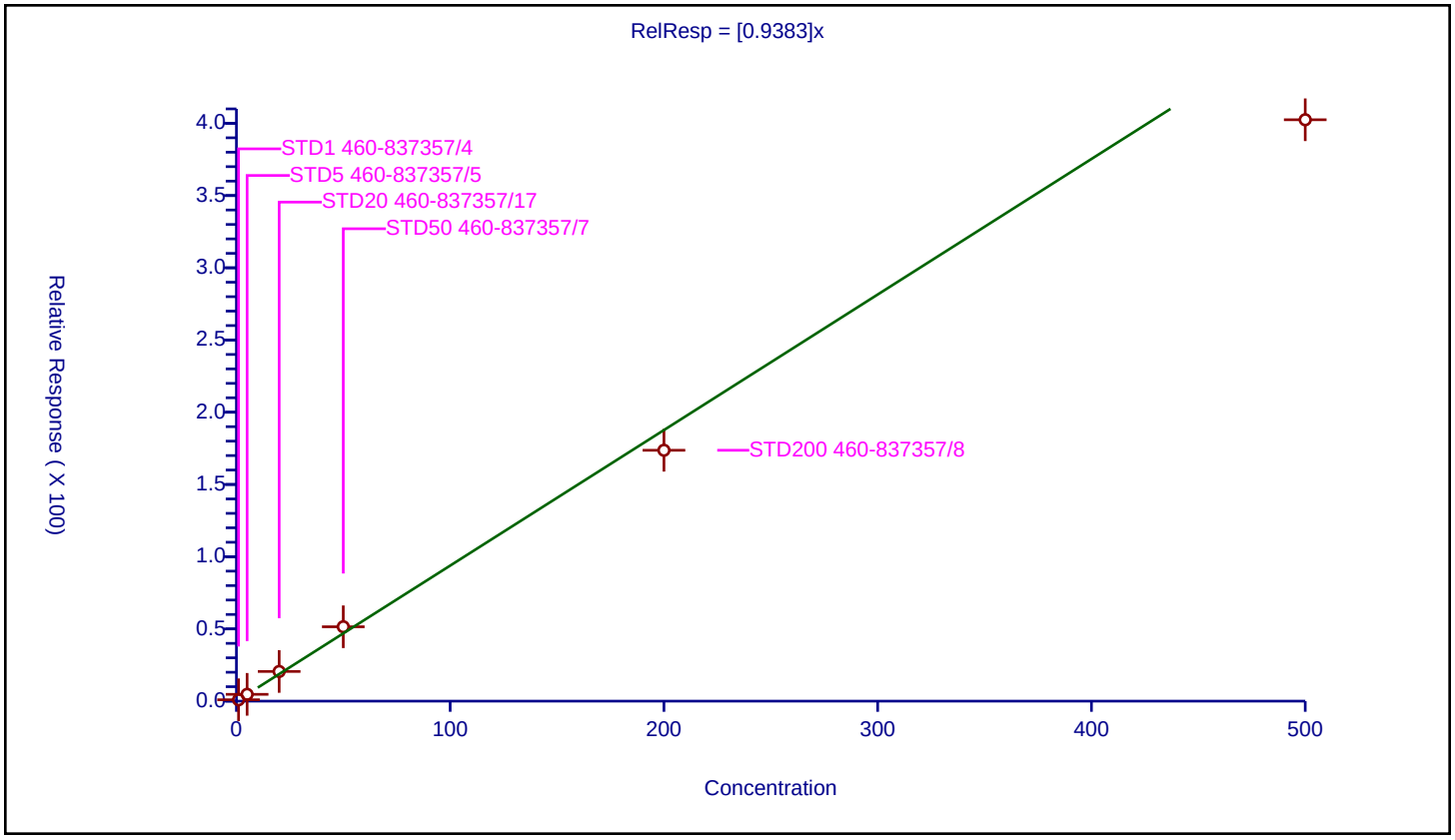
Curve Coefficients

Intercept:	0
Slope:	0.9383

Error Coefficients

Standard Error:	2620000
Relative Standard Error:	9.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.957497	50.0	476085.0	0.957497	Y
2	STD5 460-837357/5	5.0	4.709216	50.0	440774.0	0.941843	Y
3	STD20 460-837357/17	20.0	20.543248	50.0	516615.0	1.027162	Y
4	STD50 460-837357/7	50.0	51.4943	50.0	497156.0	1.029886	Y
5	STD200 460-837357/8	200.0	173.668924	50.0	617865.0	0.868345	Y
6	STD500 460-837357/9	500.0	402.471146	50.0	675132.0	0.804942	Y



Calibration / Isopropyl alcohol

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

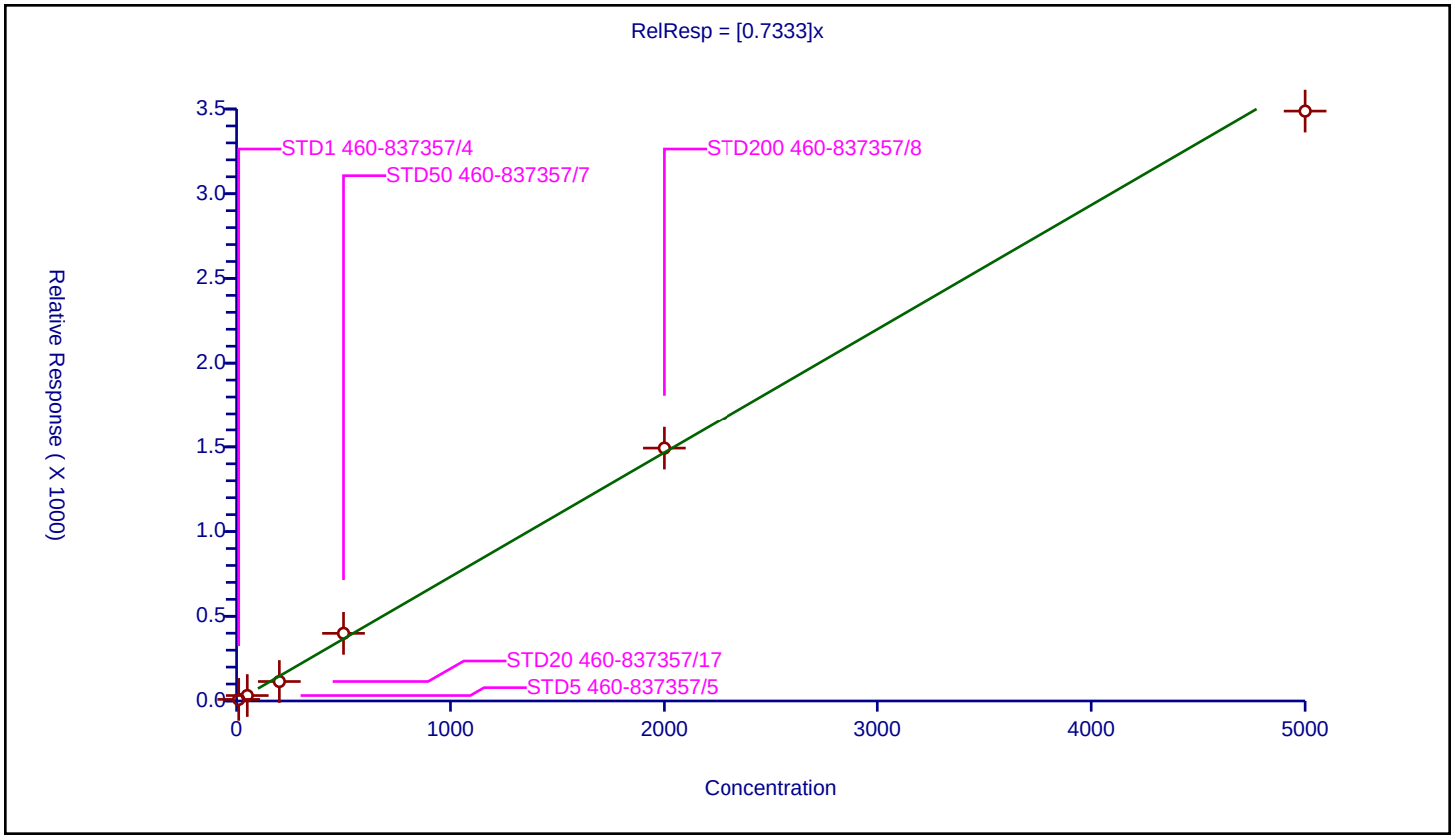
Curve Coefficients

Intercept:	0
Slope:	0.7333

Error Coefficients

Standard Error:	666000
Relative Standard Error:	17.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	10.0	9.385475	1000.0	399447.0	0.938548	Y
2	STD5 460-837357/5	50.0	32.169608	1000.0	344984.0	0.643392	Y
3	STD20 460-837357/17	200.0	115.043858	1000.0	363105.0	0.575219	Y
4	STD50 460-837357/7	500.0	399.276425	1000.0	454963.0	0.798553	Y
5	STD200 460-837357/8	2000.0	1492.661793	1000.0	366302.0	0.746331	Y
6	STD500 460-837357/9	5000.0	3487.716891	1000.0	395014.0	0.697543	Y



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

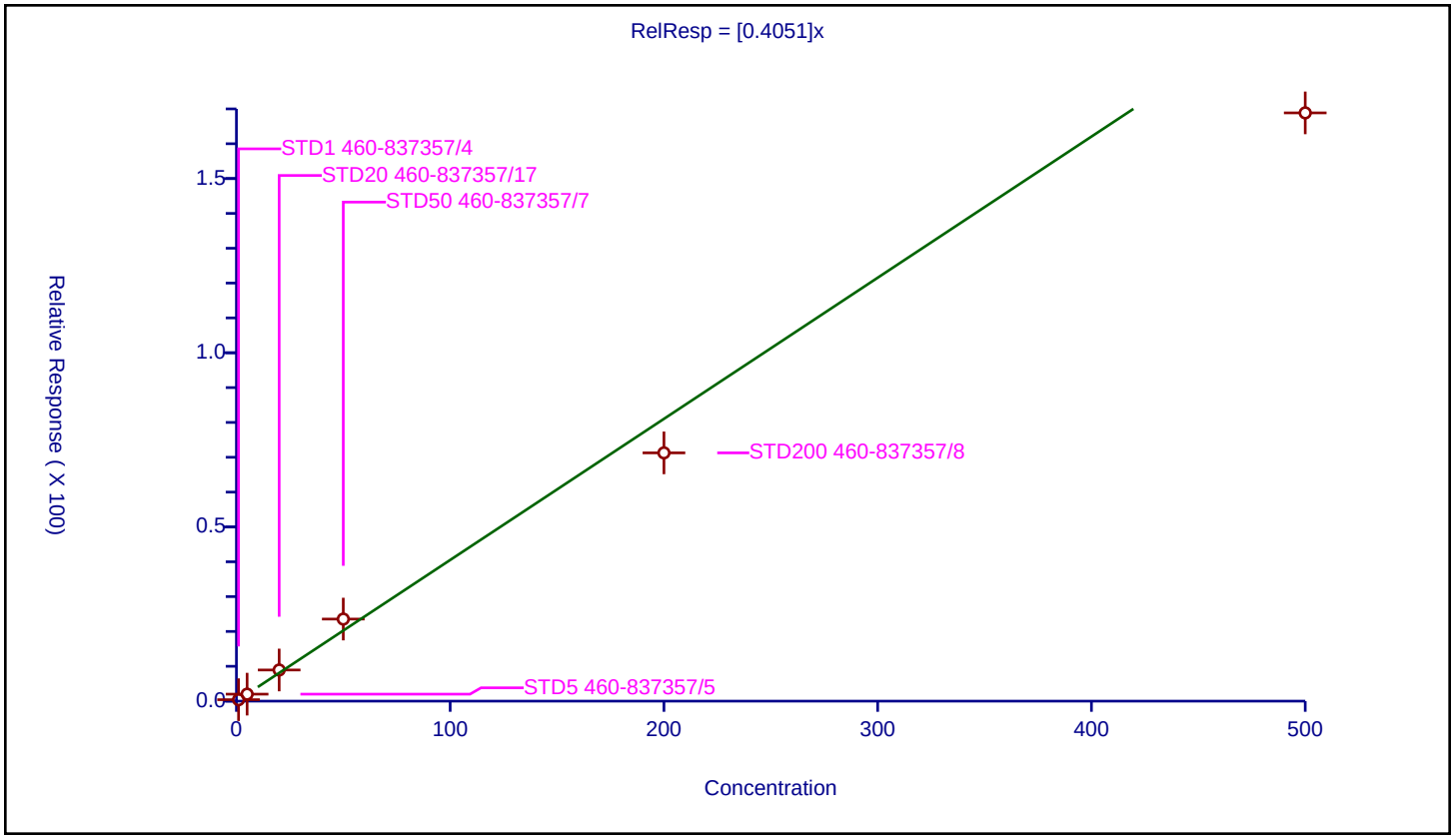
Curve Coefficients

Intercept:	0
Slope:	0.4051

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	12.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.416312	50.0	476085.0	0.416312	Y
2	STD5 460-837357/5	5.0	2.010214	50.0	440774.0	0.402043	Y
3	STD20 460-837357/17	20.0	8.944475	50.0	516615.0	0.447224	Y
4	STD50 460-837357/7	50.0	23.557596	50.0	497156.0	0.471152	Y
5	STD200 460-837357/8	200.0	71.263949	50.0	617865.0	0.35632	Y
6	STD500 460-837357/9	500.0	168.849499	50.0	675132.0	0.337699	Y



Calibration / Methyl acetate

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

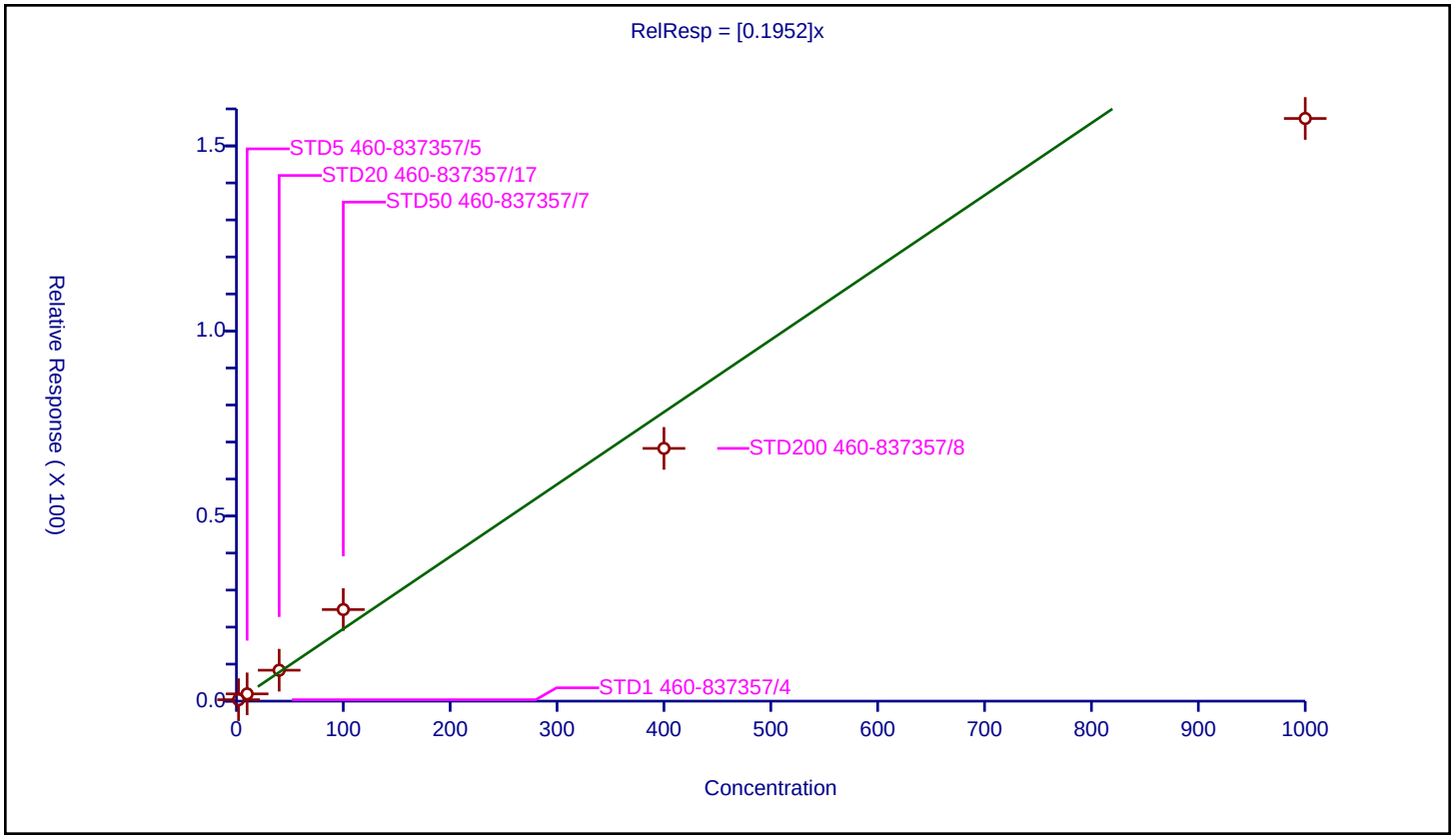
Curve Coefficients

Intercept:	0
Slope:	0.1952

Error Coefficients

Standard Error:	1030000
Relative Standard Error:	16.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	2.0	0.381655	50.0	476085.0	0.190827	Y
2	STD5 460-837357/5	10.0	1.959734	50.0	440774.0	0.195973	Y
3	STD20 460-837357/17	40.0	8.359901	50.0	516615.0	0.208998	Y
4	STD50 460-837357/7	100.0	24.739921	50.0	497156.0	0.247399	Y
5	STD200 460-837357/8	400.0	68.279559	50.0	617865.0	0.170699	Y
6	STD500 460-837357/9	1000.0	157.407663	50.0	675132.0	0.157408	Y



Calibration / Acetonitrile

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

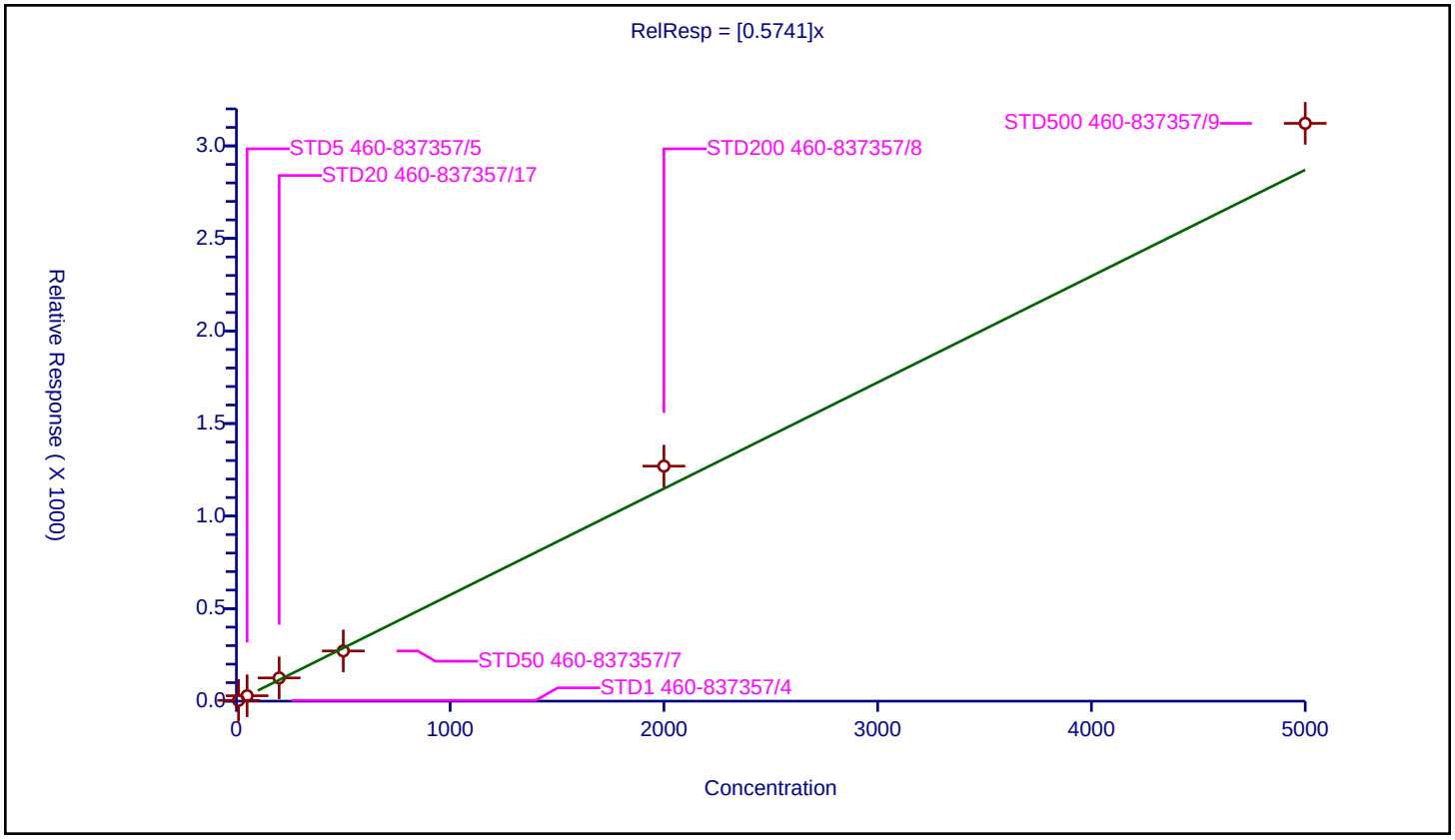
Curve Coefficients

Intercept:	0
Slope:	0.5741

Error Coefficients

Standard Error:	591000
Relative Standard Error:	13.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	10.0	4.313463	1000.0	399447.0	0.431346	Y
2	STD5 460-837357/5	50.0	29.198456	1000.0	344984.0	0.583969	Y
3	STD20 460-837357/17	200.0	125.48161	1000.0	363105.0	0.627408	Y
4	STD50 460-837357/7	500.0	271.239639	1000.0	454963.0	0.542479	Y
5	STD200 460-837357/8	2000.0	1269.812887	1000.0	366302.0	0.634906	Y
6	STD500 460-837357/9	5000.0	3121.798215	1000.0	395014.0	0.62436	Y



Calibration / Methylene Chloride

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

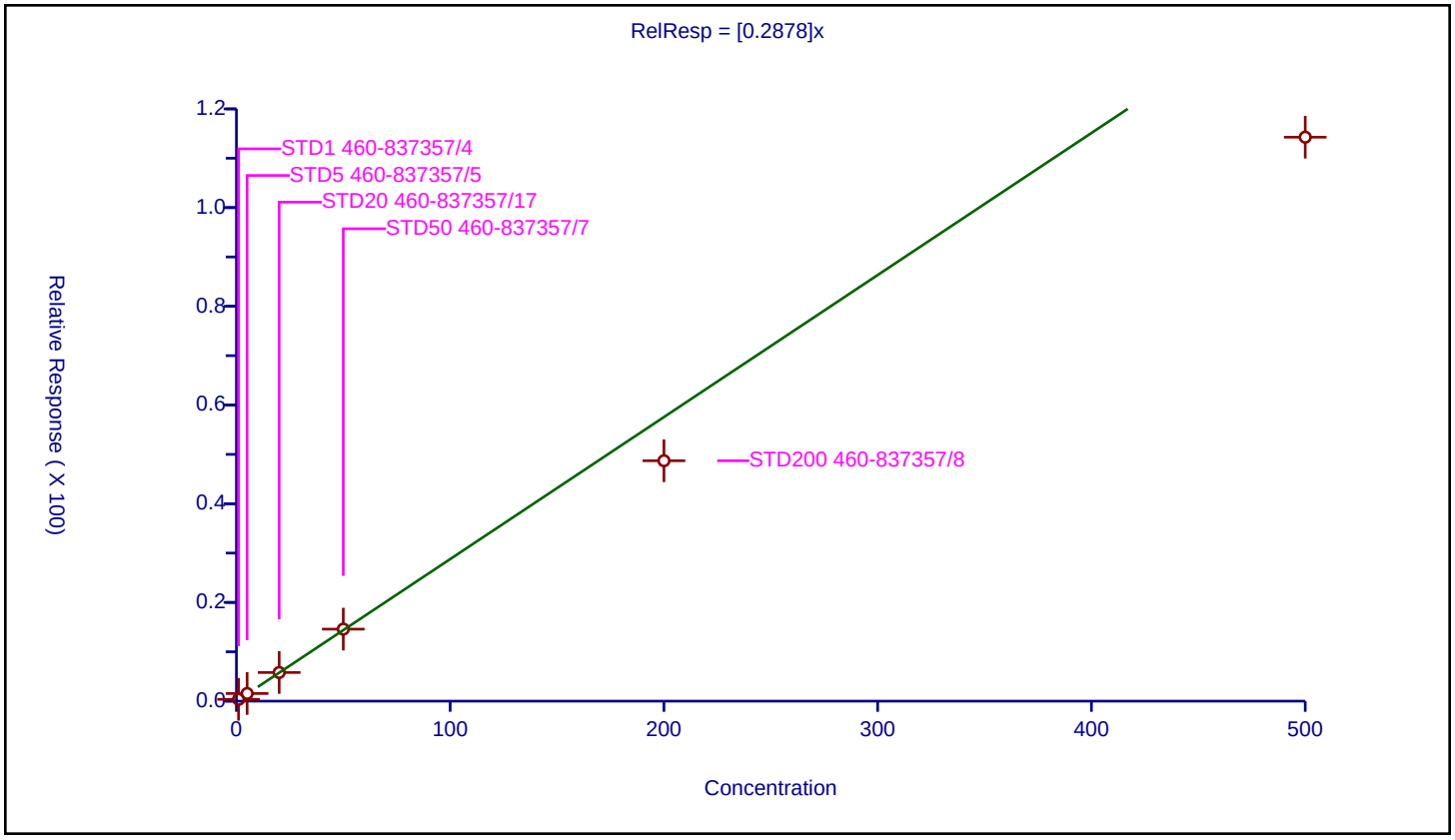
Curve Coefficients

Intercept:	0
Slope:	0.2878

Error Coefficients

Standard Error:	744000
Relative Standard Error:	16.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.362855	50.0	476085.0	0.362855	Y
2	STD5 460-837357/5	5.0	1.548639	50.0	440774.0	0.309728	Y
3	STD20 460-837357/17	20.0	5.805097	50.0	516615.0	0.290255	Y
4	STD50 460-837357/7	50.0	14.590692	50.0	497156.0	0.291814	Y
5	STD200 460-837357/8	200.0	48.71145	50.0	617865.0	0.243557	Y
6	STD500 460-837357/9	500.0	114.270246	50.0	675132.0	0.22854	Y



Calibration / 2-Methyl-2-propanol

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

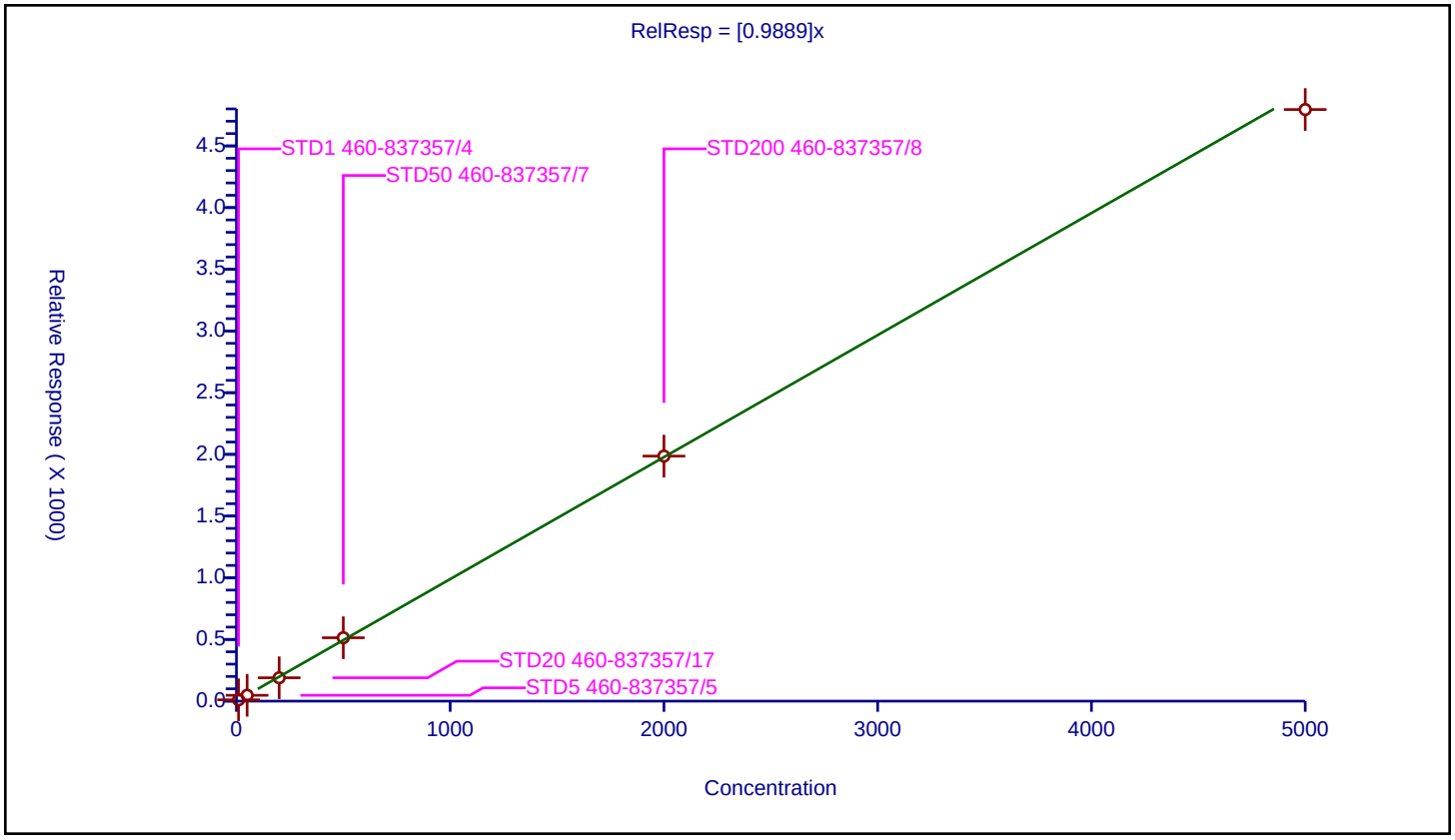
Curve Coefficients

Intercept:	0
Slope:	0.9889

Error Coefficients

Standard Error:	912000
Relative Standard Error:	4.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	10.0	10.592144	1000.0	399447.0	1.059214	Y
2	STD5 460-837357/5	50.0	47.373212	1000.0	344984.0	0.947464	Y
3	STD20 460-837357/17	200.0	189.474119	1000.0	363105.0	0.947371	Y
4	STD50 460-837357/7	500.0	513.725292	1000.0	454963.0	1.027451	Y
5	STD200 460-837357/8	2000.0	1986.060682	1000.0	366302.0	0.99303	Y
6	STD500 460-837357/9	5000.0	4794.852841	1000.0	395014.0	0.958971	Y



Calibration / Acrylonitrile

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

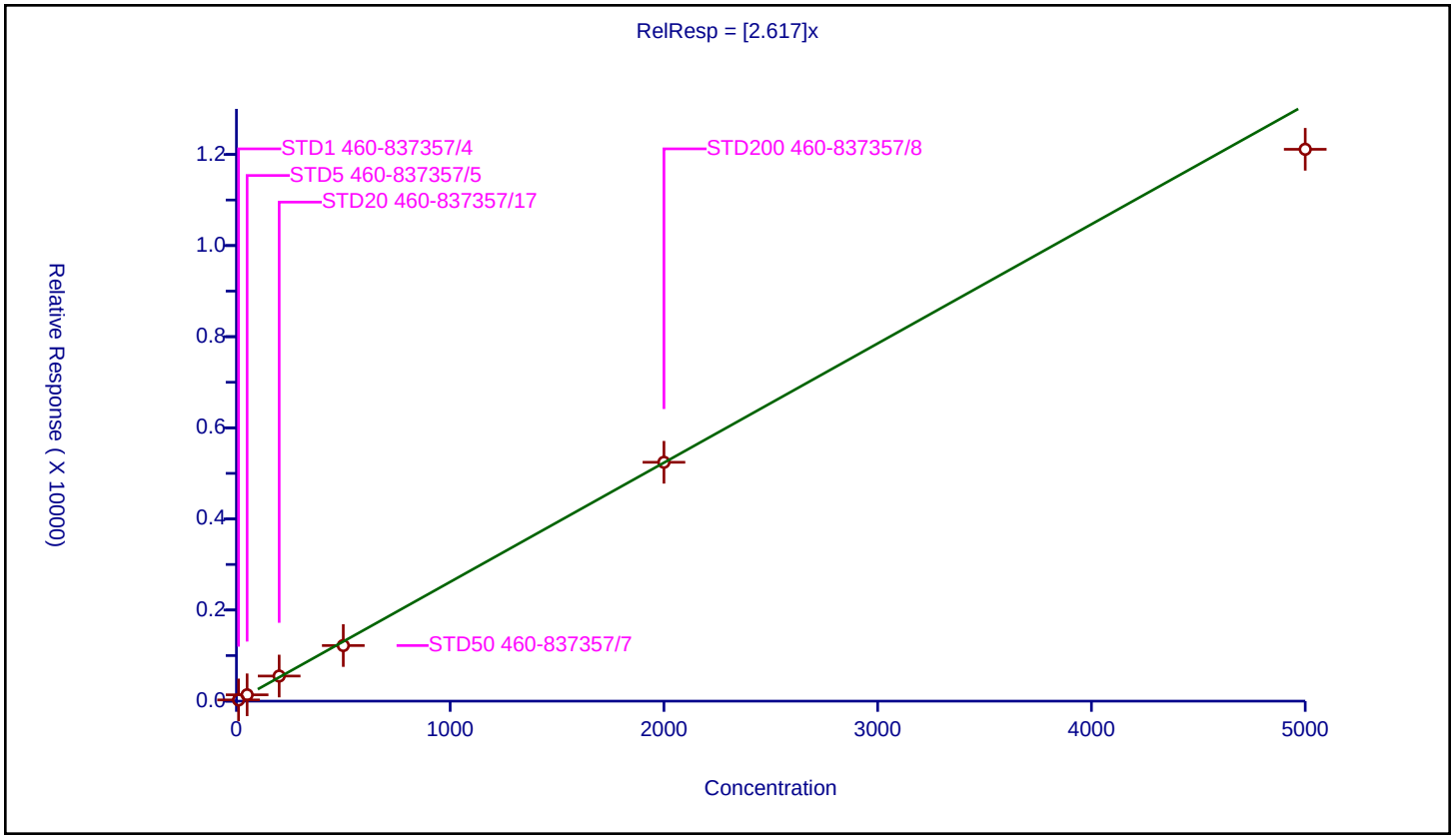
Curve Coefficients

Intercept:	0
Slope:	2.617

Error Coefficients

Standard Error:	2310000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	10.0	26.79955	1000.0	399447.0	2.679955	Y
2	STD5 460-837357/5	50.0	139.122394	1000.0	344984.0	2.782448	Y
3	STD20 460-837357/17	200.0	550.859944	1000.0	363105.0	2.7543	Y
4	STD50 460-837357/7	500.0	1220.637722	1000.0	454963.0	2.441275	Y
5	STD200 460-837357/8	2000.0	5243.277405	1000.0	366302.0	2.621639	Y
6	STD500 460-837357/9	5000.0	12112.871949	1000.0	395014.0	2.422574	Y



Calibration / trans-1,2-Dichloroethene

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

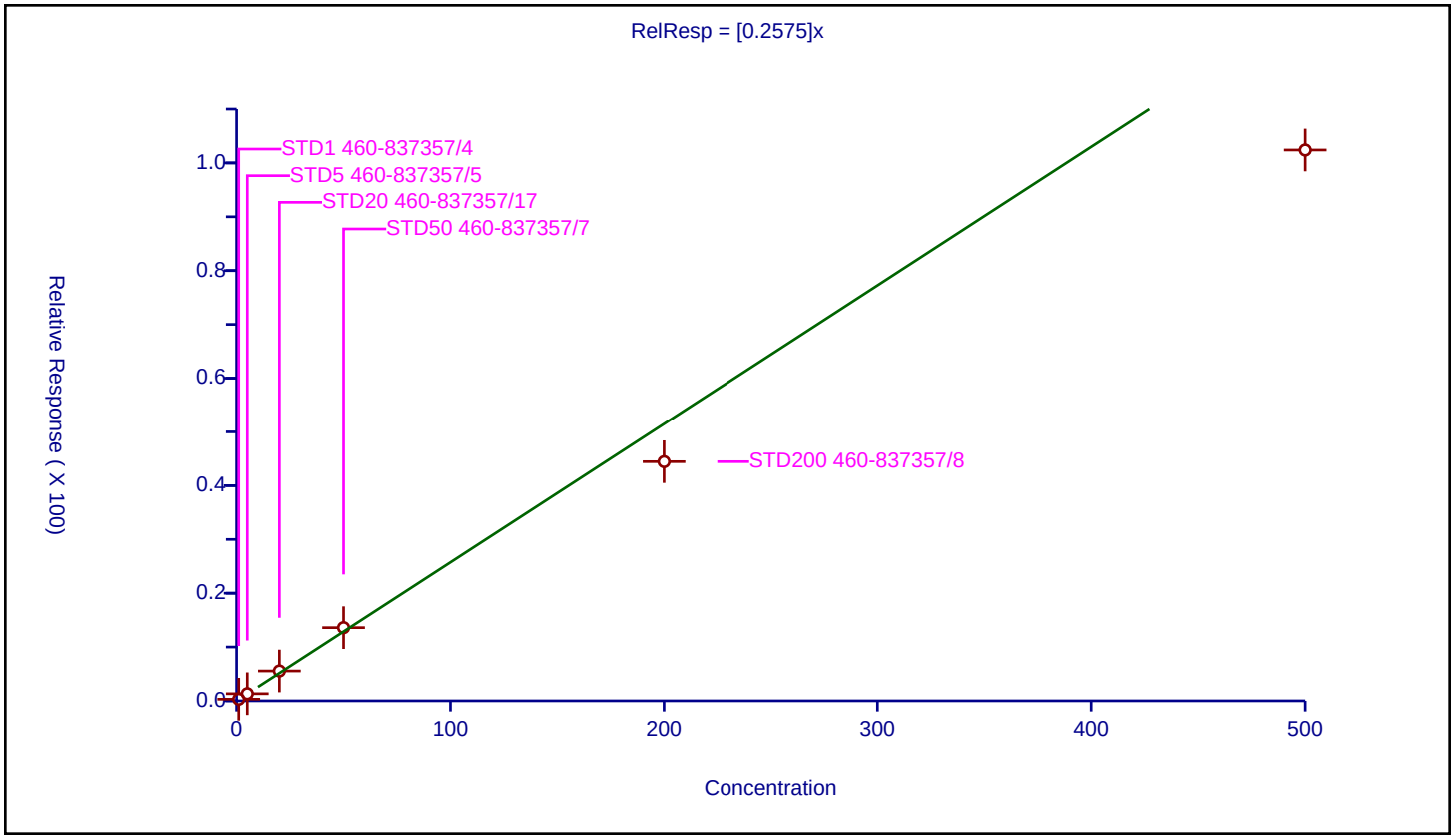
Curve Coefficients

Intercept:	0
Slope:	0.2575

Error Coefficients

Standard Error:	669000
Relative Standard Error:	14.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.303307	50.0	476085.0	0.303307	Y
2	STD5 460-837357/5	5.0	1.324715	50.0	440774.0	0.264943	Y
3	STD20 460-837357/17	20.0	5.548426	50.0	516615.0	0.277421	Y
4	STD50 460-837357/7	50.0	13.603577	50.0	497156.0	0.272072	Y
5	STD200 460-837357/8	200.0	44.458417	50.0	617865.0	0.222292	Y
6	STD500 460-837357/9	500.0	102.407677	50.0	675132.0	0.204815	Y



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

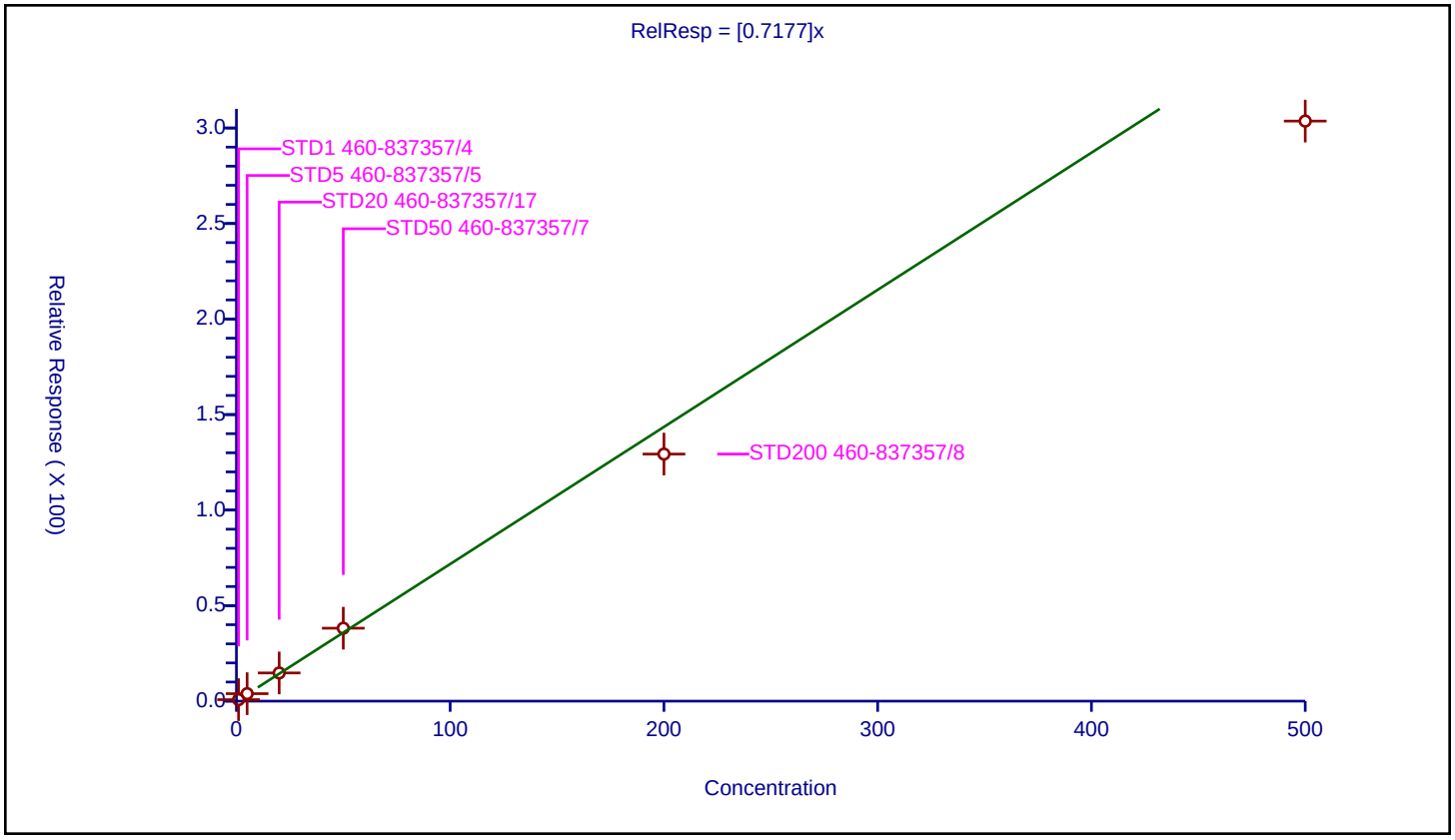
Curve Coefficients

Intercept:	0
Slope:	0.7177

Error Coefficients

Standard Error:	1980000
Relative Standard Error:	10.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.76856	50.0	476085.0	0.76856	Y
2	STD5 460-837357/5	5.0	3.911869	50.0	440774.0	0.782374	Y
3	STD20 460-837357/17	20.0	14.75112	50.0	516615.0	0.737556	Y
4	STD50 460-837357/7	50.0	38.179264	50.0	497156.0	0.763585	Y
5	STD200 460-837357/8	200.0	129.32987	50.0	617865.0	0.646649	Y
6	STD500 460-837357/9	500.0	303.626624	50.0	675132.0	0.607253	Y



Calibration / Hexane

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

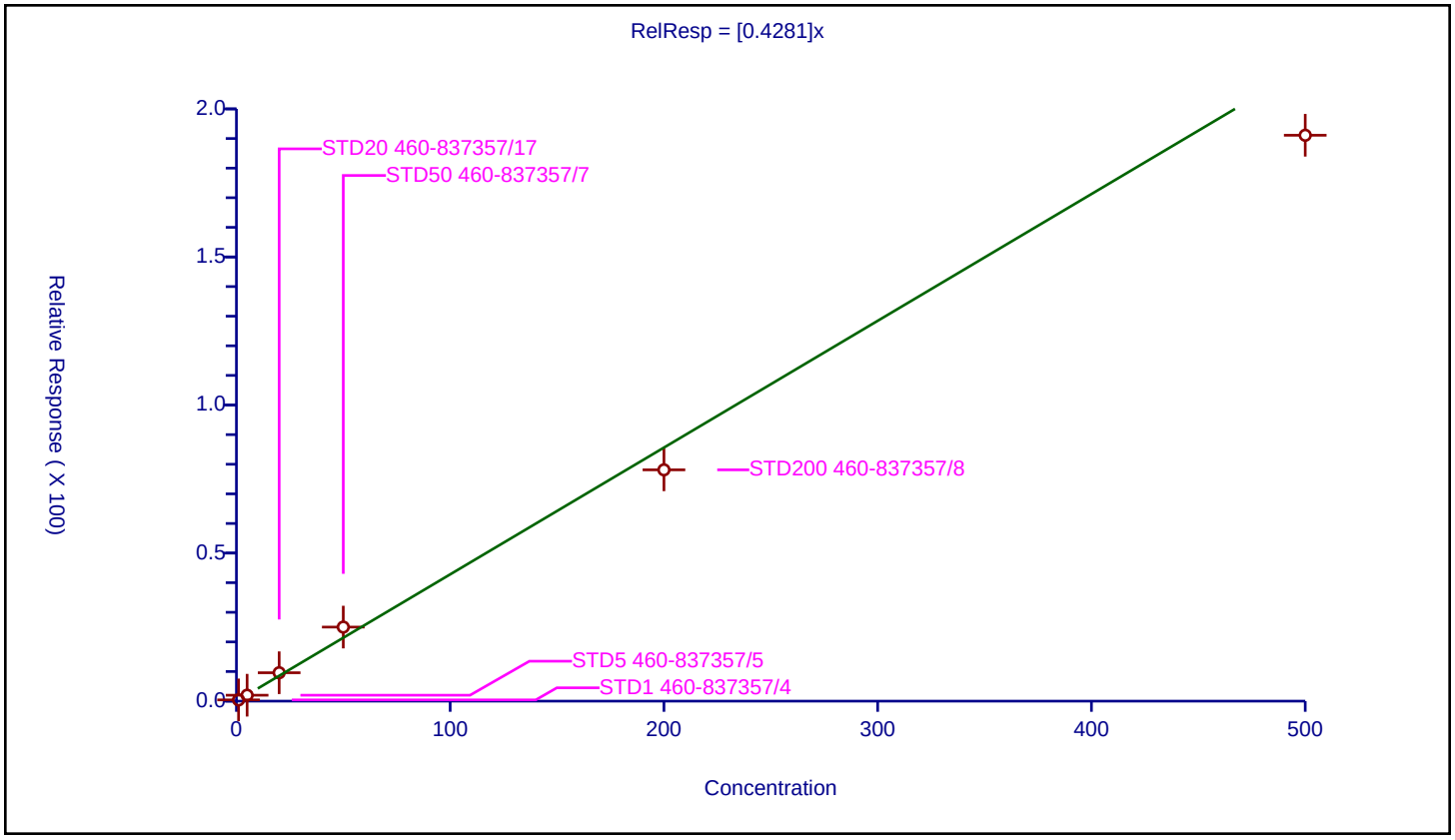
Curve Coefficients

Intercept:	0
Slope:	0.4281

Error Coefficients

Standard Error:	1240000
Relative Standard Error:	11.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.416627	50.0	476085.0	0.416627	Y
2	STD5 460-837357/5	5.0	1.999097	50.0	440774.0	0.399819	Y
3	STD20 460-837357/17	20.0	9.587991	50.0	516615.0	0.4794	Y
4	STD50 460-837357/7	50.0	25.006638	50.0	497156.0	0.500133	Y
5	STD200 460-837357/8	200.0	78.108163	50.0	617865.0	0.390541	Y
6	STD500 460-837357/9	500.0	191.092631	50.0	675132.0	0.382185	Y



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

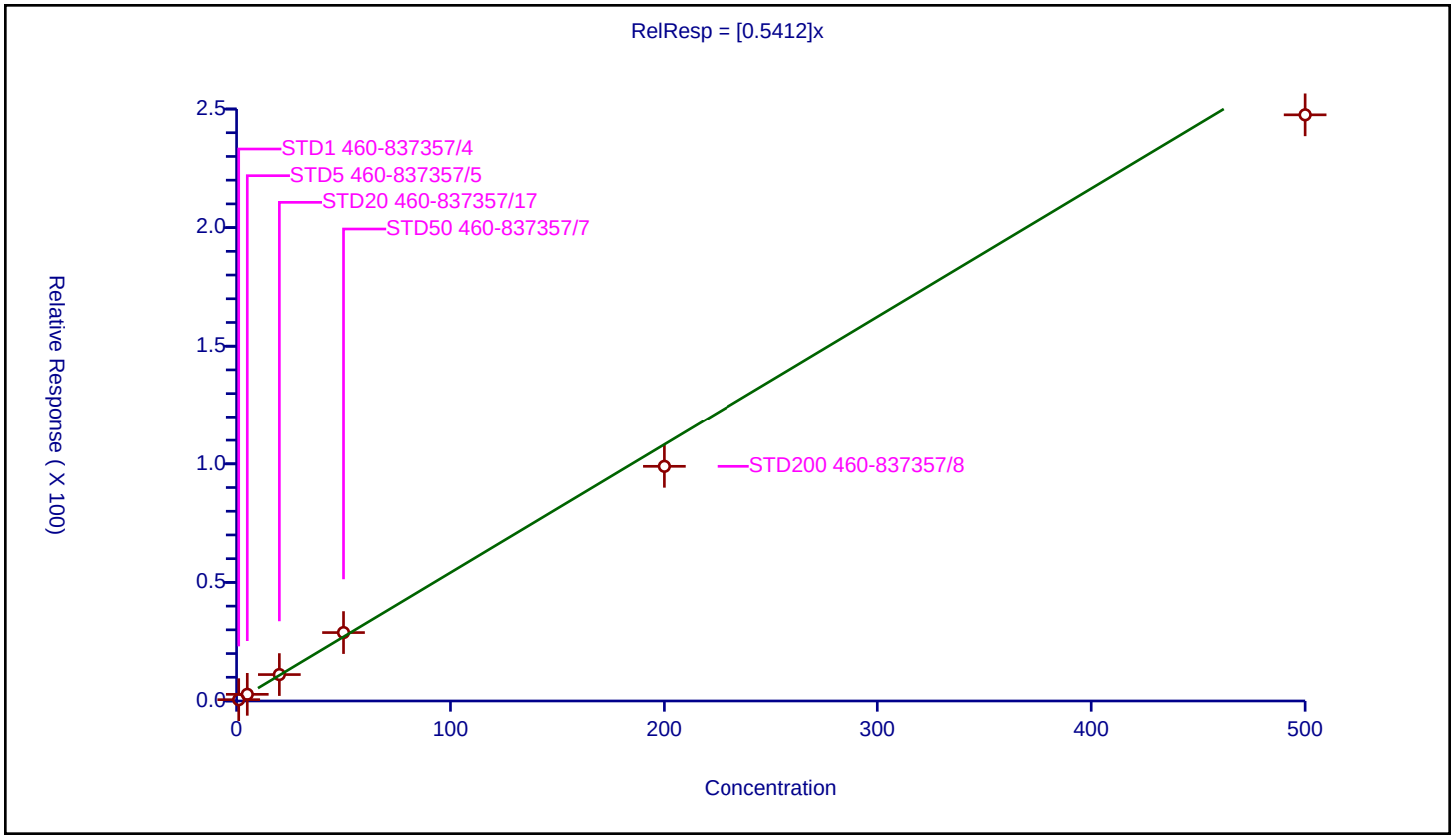
Curve Coefficients

Intercept:	0
Slope:	0.5412

Error Coefficients

Standard Error:	1600000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.561664	50.0	476085.0	0.561664	Y
2	STD5 460-837357/5	5.0	2.808242	50.0	440774.0	0.561648	Y
3	STD20 460-837357/17	20.0	11.139243	50.0	516615.0	0.556962	Y
4	STD50 460-837357/7	50.0	28.841249	50.0	497156.0	0.576825	Y
5	STD200 460-837357/8	200.0	98.947019	50.0	617865.0	0.494735	Y
6	STD500 460-837357/9	500.0	247.549738	50.0	675132.0	0.495099	Y



Calibration / Vinyl acetate

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

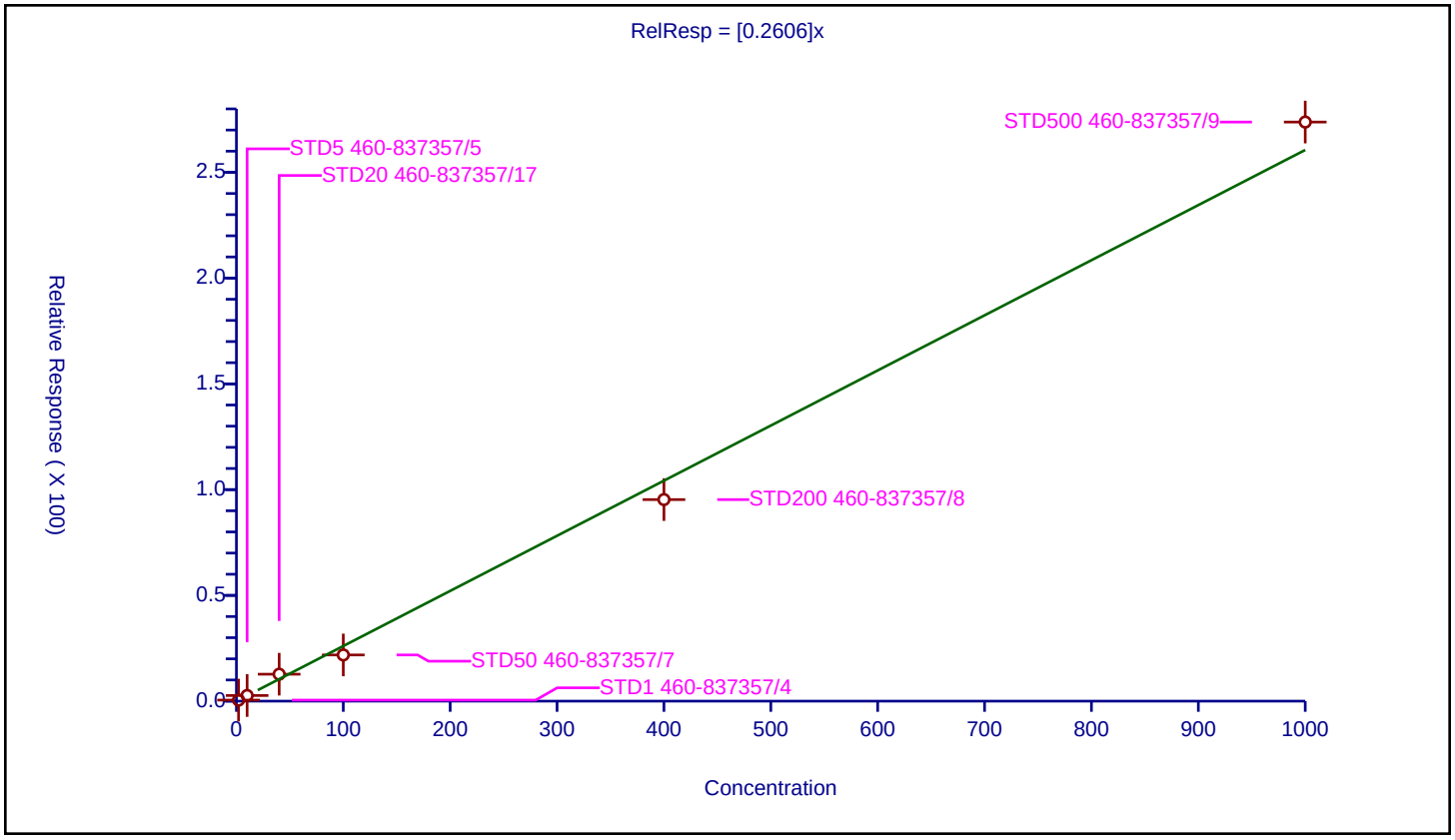
Curve Coefficients

Intercept:	0
Slope:	0.2606

Error Coefficients

Standard Error:	212000
Relative Standard Error:	13.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	2.0	0.495628	250.0	333920.0	0.247814	Y
2	STD5 460-837357/5	10.0	2.6684	250.0	307394.0	0.26684	Y
3	STD20 460-837357/17	40.0	12.734199	250.0	333904.0	0.318355	Y
4	STD50 460-837357/7	100.0	21.842317	250.0	397760.0	0.218423	Y
5	STD200 460-837357/8	400.0	95.294779	250.0	379929.0	0.238237	Y
6	STD500 460-837357/9	1000.0	273.784955	250.0	410890.0	0.273785	Y



Calibration / 2-Chloro-1,3-butadiene

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

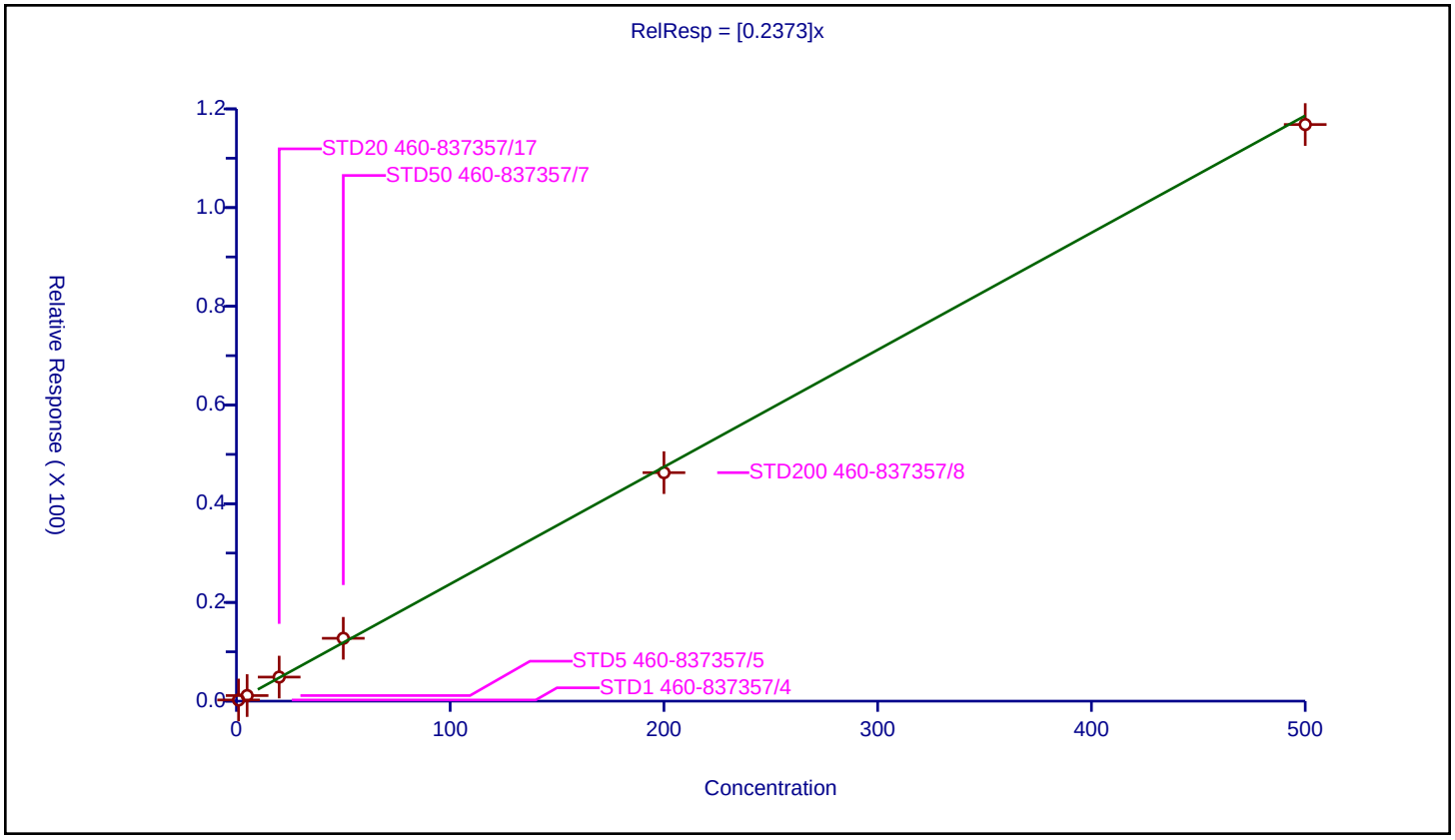
Curve Coefficients

Intercept:	0
Slope:	0.2373

Error Coefficients

Standard Error:	753000
Relative Standard Error:	4.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.234097	50.0	476085.0	0.234097	Y
2	STD5 460-837357/5	5.0	1.12915	50.0	440774.0	0.22583	Y
3	STD20 460-837357/17	20.0	4.877133	50.0	516615.0	0.243857	Y
4	STD50 460-837357/7	50.0	12.73212	50.0	497156.0	0.254642	Y
5	STD200 460-837357/8	200.0	46.296845	50.0	617865.0	0.231484	Y
6	STD500 460-837357/9	500.0	116.831227	50.0	675132.0	0.233662	Y



Calibration / Isopropyl ether

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

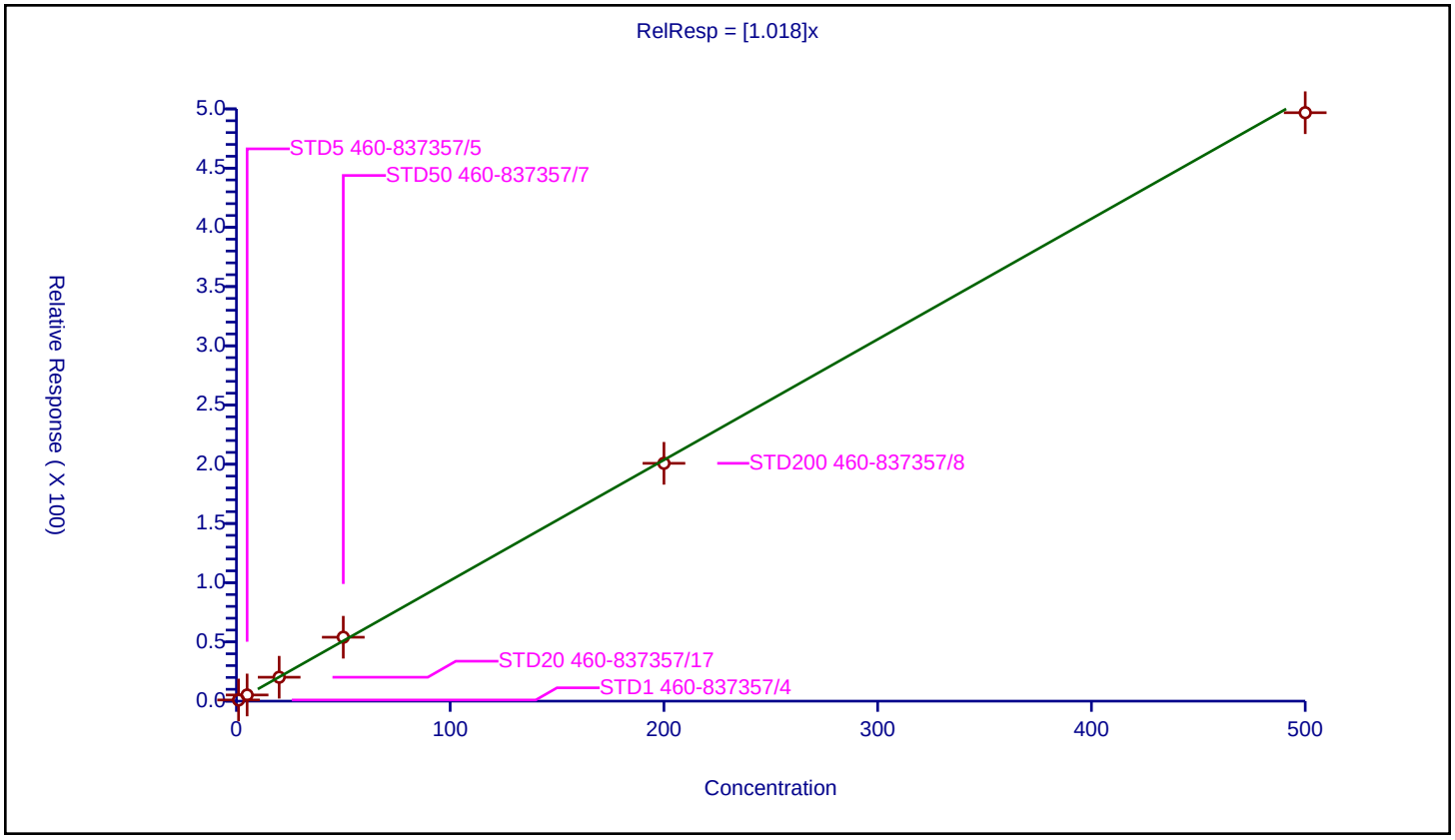
Curve Coefficients

Intercept:	0
Slope:	1.018

Error Coefficients

Standard Error:	3210000
Relative Standard Error:	3.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.982808	50.0	476085.0	0.982808	Y
2	STD5 460-837357/5	5.0	5.20346	50.0	440774.0	1.040692	Y
3	STD20 460-837357/17	20.0	20.17905	50.0	516615.0	1.008953	Y
4	STD50 460-837357/7	50.0	53.94514	50.0	497156.0	1.078903	Y
5	STD200 460-837357/8	200.0	200.775331	50.0	617865.0	1.003877	Y
6	STD500 460-837357/9	500.0	496.788554	50.0	675132.0	0.993577	Y



Calibration / Tert-butyl ethyl ether

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

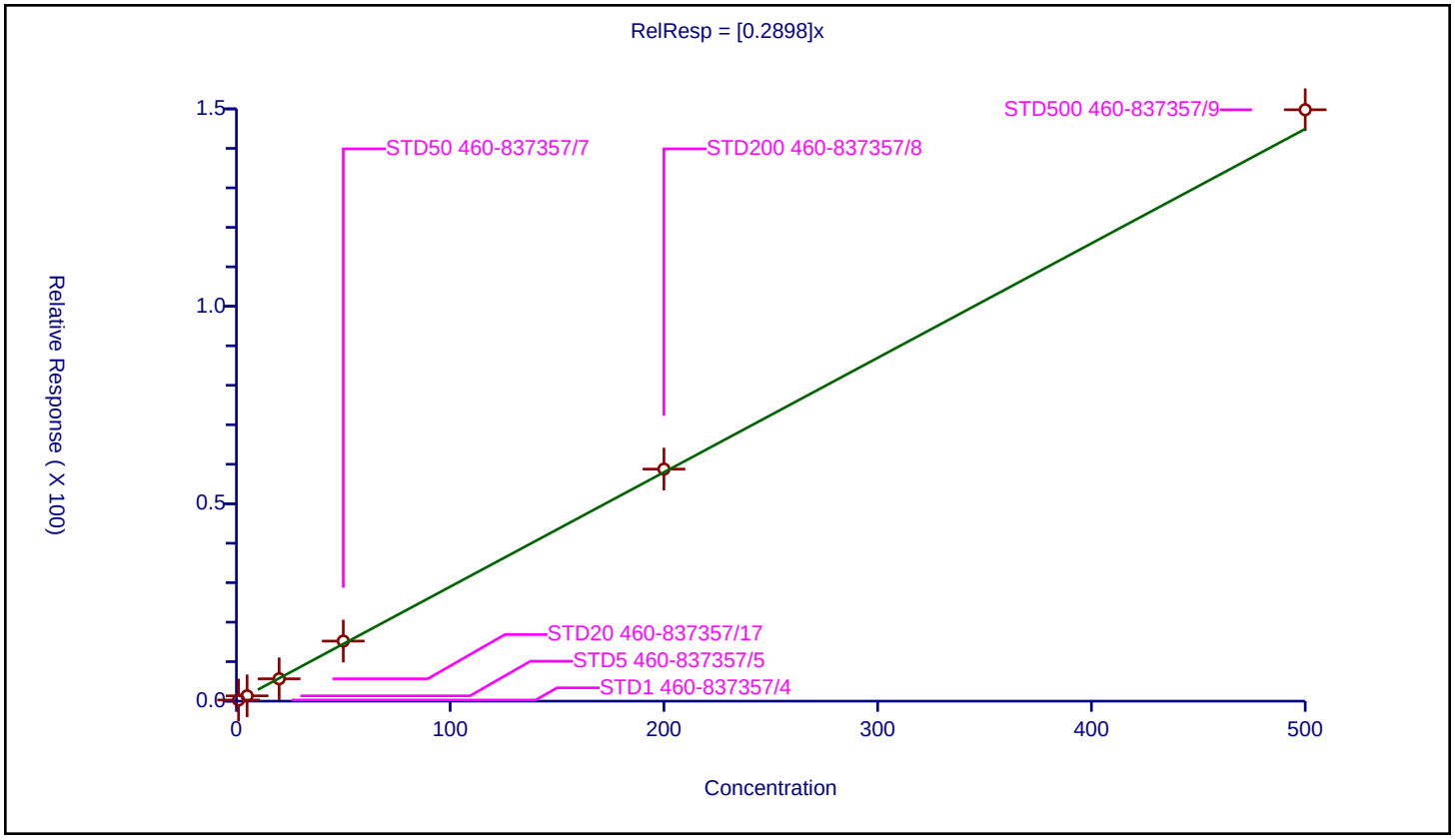
Curve Coefficients

Intercept:	0
Slope:	0.2898

Error Coefficients

Standard Error:	964000
Relative Standard Error:	4.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.289339	50.0	476085.0	0.289339	Y
2	STD5 460-837357/5	5.0	1.344567	50.0	440774.0	0.268913	Y
3	STD20 460-837357/17	20.0	5.661953	50.0	516615.0	0.283098	Y
4	STD50 460-837357/7	50.0	15.212831	50.0	497156.0	0.304257	Y
5	STD200 460-837357/8	200.0	58.770201	50.0	617865.0	0.293851	Y
6	STD500 460-837357/9	500.0	149.782191	50.0	675132.0	0.299564	Y



Calibration / cis-1,2-Dichloroethene

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

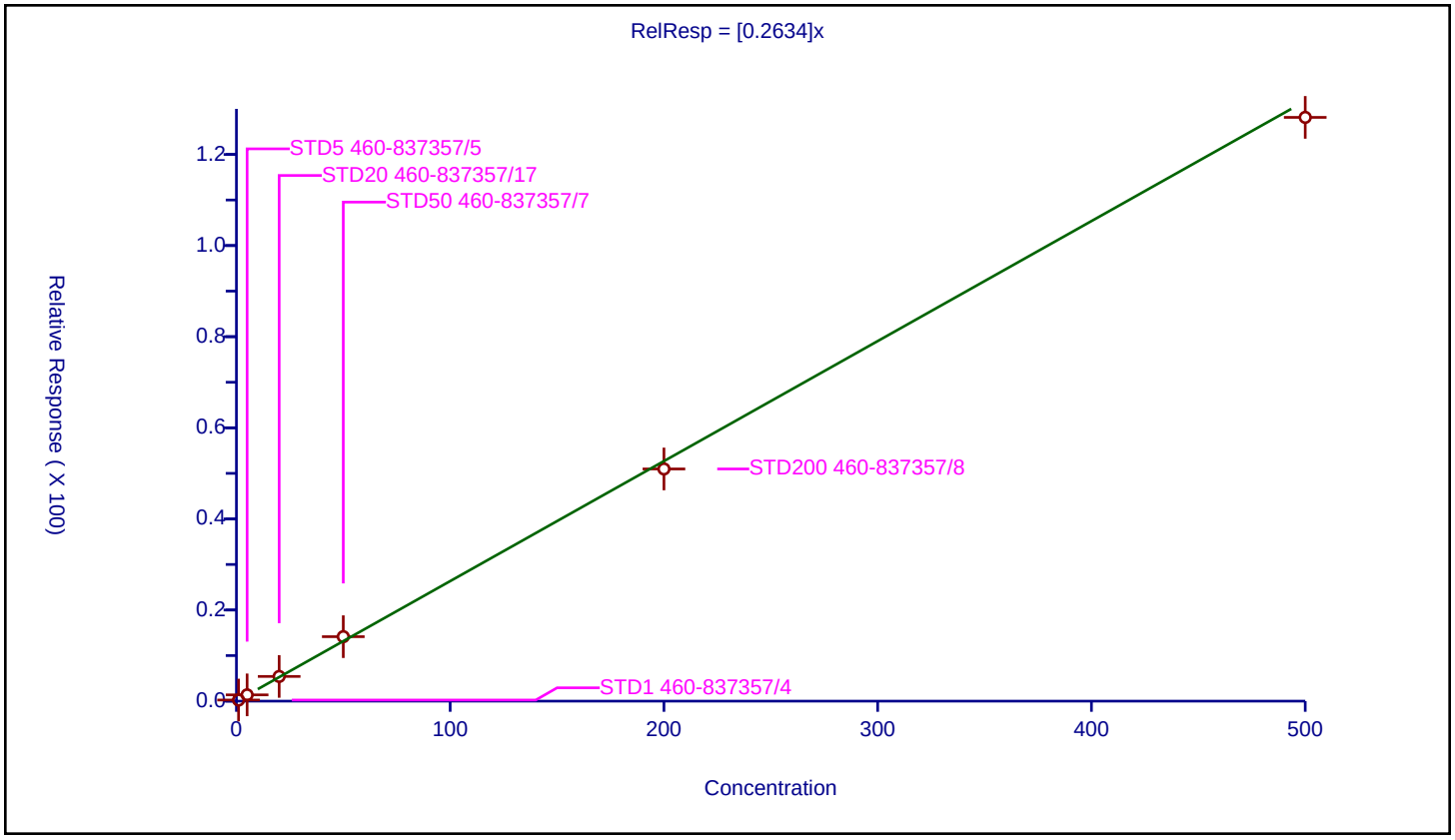
Curve Coefficients

Intercept:	0
Slope:	0.2634

Error Coefficients

Standard Error:	826000
Relative Standard Error:	6.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.240293	50.0	476085.0	0.240293	Y
2	STD5 460-837357/5	5.0	1.375195	50.0	440774.0	0.275039	Y
3	STD20 460-837357/17	20.0	5.422316	50.0	516615.0	0.271116	Y
4	STD50 460-837357/7	50.0	14.152902	50.0	497156.0	0.283058	Y
5	STD200 460-837357/8	200.0	50.967363	50.0	617865.0	0.254837	Y
6	STD500 460-837357/9	500.0	128.135609	50.0	675132.0	0.256271	Y



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

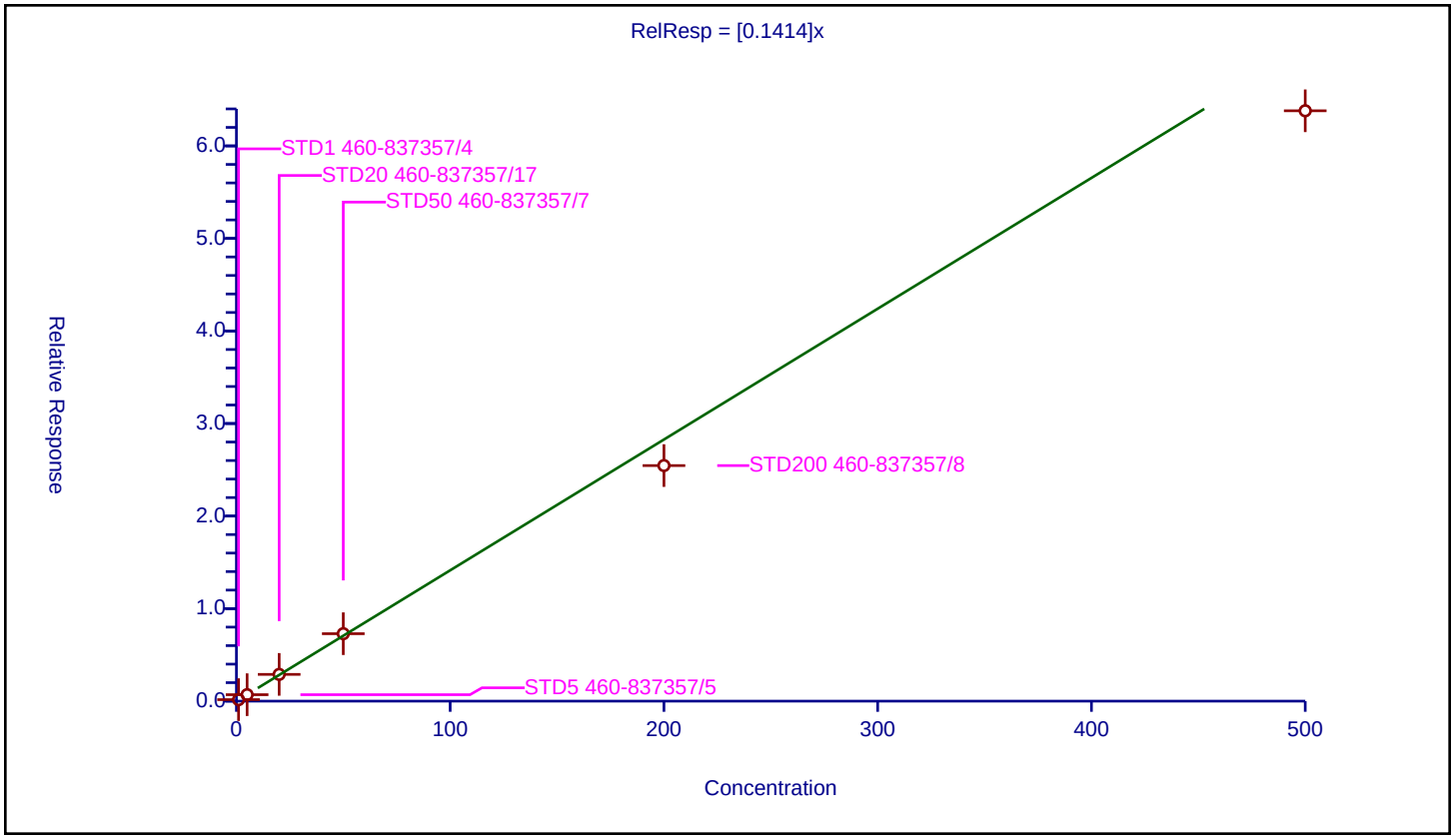
Curve Coefficients

Intercept:	0
Slope:	0.1414

Error Coefficients

Standard Error:	412000
Relative Standard Error:	9.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.163416	50.0	476085.0	0.163416	Y
2	STD5 460-837357/5	5.0	0.69741	50.0	440774.0	0.139482	Y
3	STD20 460-837357/17	20.0	2.891418	50.0	516615.0	0.144571	Y
4	STD50 460-837357/7	50.0	7.28896	50.0	497156.0	0.145779	Y
5	STD200 460-837357/8	200.0	25.455803	50.0	617865.0	0.127279	Y
6	STD500 460-837357/9	500.0	63.795302	50.0	675132.0	0.127591	Y



Calibration / 2-Butanone (MEK)

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

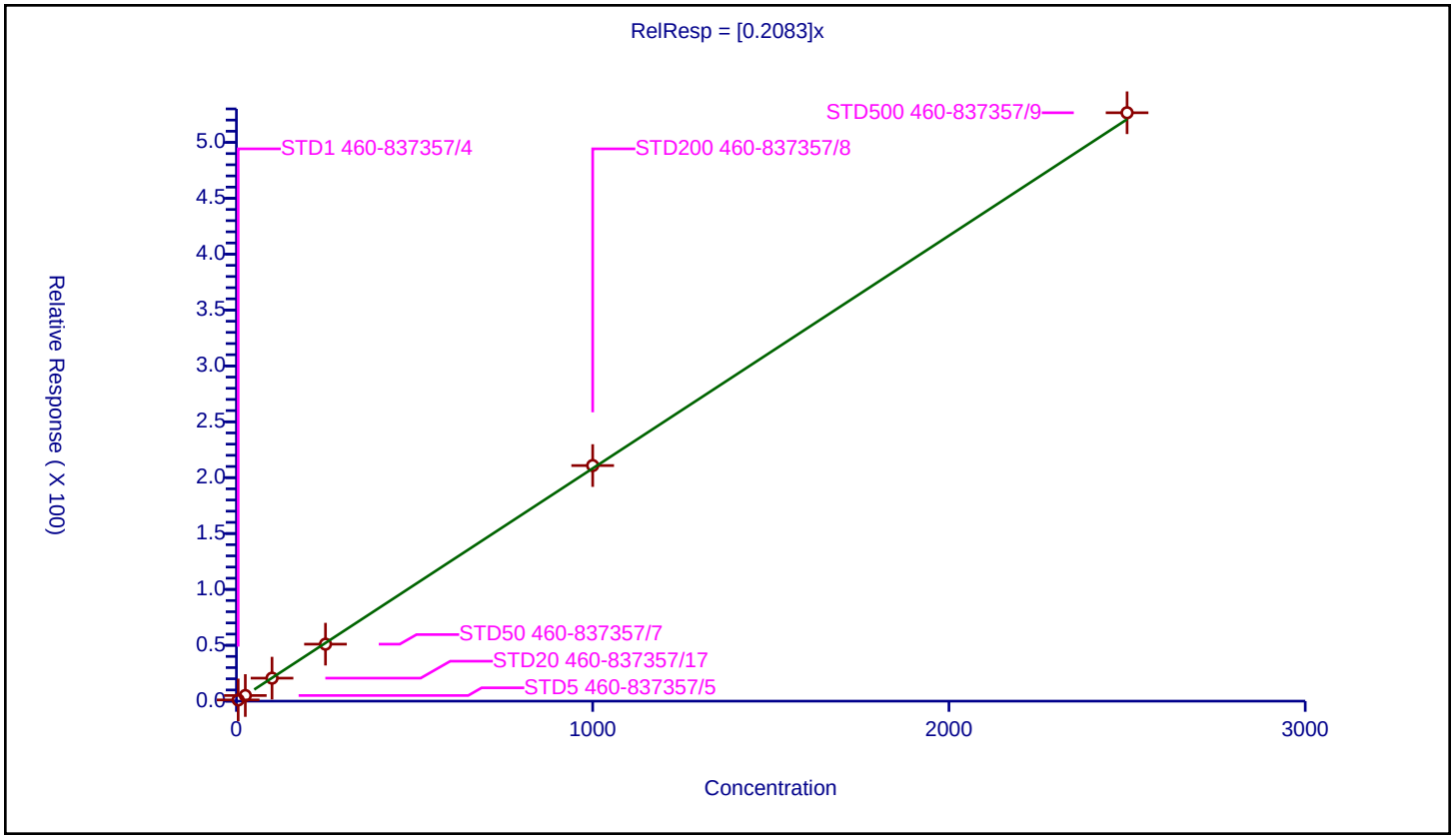
Curve Coefficients

Intercept:	0
Slope:	0.2083

Error Coefficients

Standard Error:	414000
Relative Standard Error:	2.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	5.0	1.081846	250.0	333920.0	0.216369	Y
2	STD5 460-837357/5	25.0	5.052148	250.0	307394.0	0.202086	Y
3	STD20 460-837357/17	100.0	20.581514	250.0	333904.0	0.205815	Y
4	STD50 460-837357/7	250.0	50.986776	250.0	397760.0	0.203947	Y
5	STD200 460-837357/8	1000.0	210.830181	250.0	379929.0	0.21083	Y
6	STD500 460-837357/9	2500.0	526.553944	250.0	410890.0	0.210622	Y



Calibration / Propionitrile

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

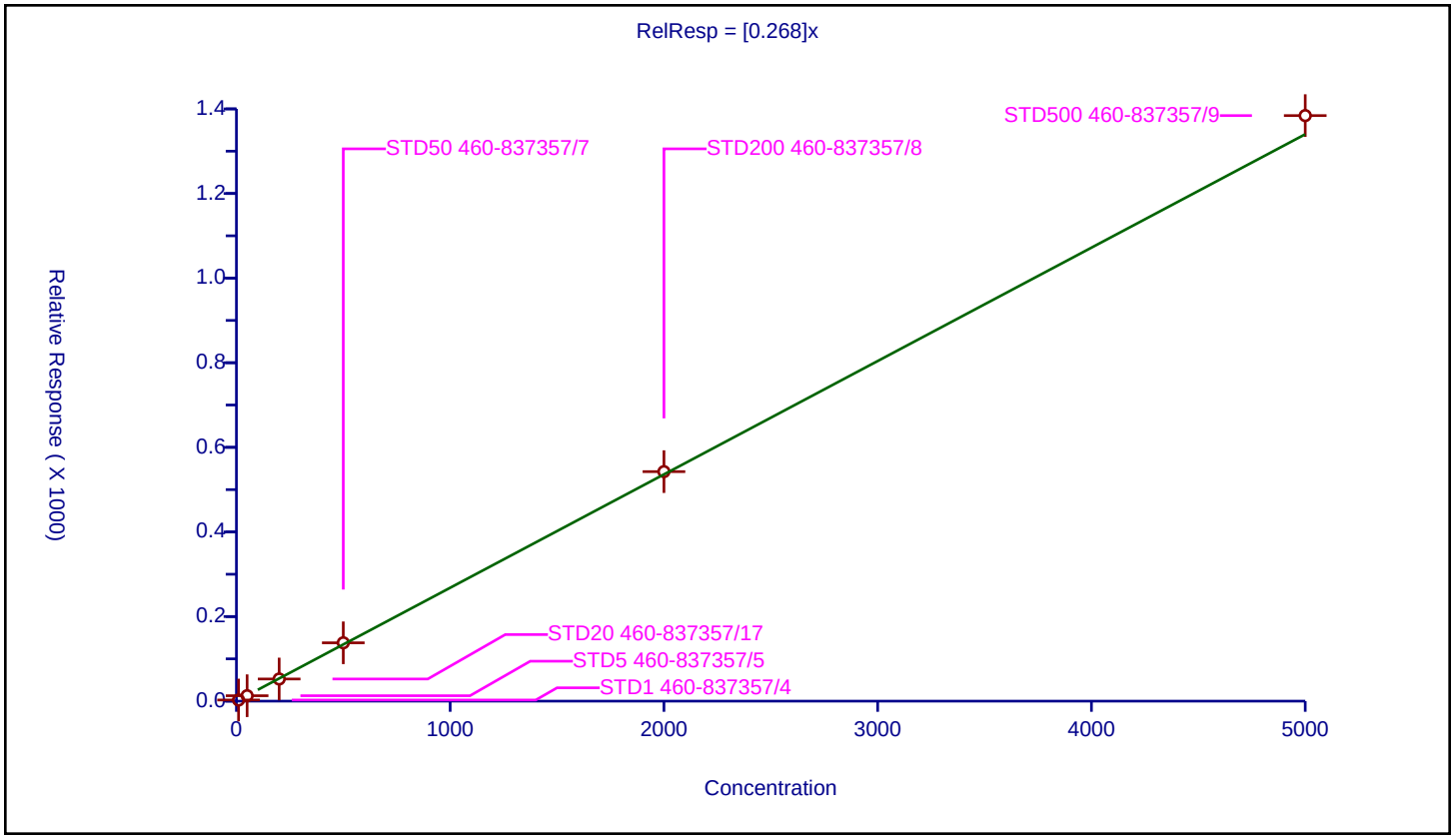
Curve Coefficients

Intercept:	0
Slope:	0.268

Error Coefficients

Standard Error:	1090000
Relative Standard Error:	3.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	10.0	2.665309	250.0	333920.0	0.266531	Y
2	STD5 460-837357/5	50.0	12.786522	250.0	307394.0	0.25573	Y
3	STD20 460-837357/17	200.0	52.347381	250.0	333904.0	0.261737	Y
4	STD50 460-837357/7	500.0	137.942478	250.0	397760.0	0.275885	Y
5	STD200 460-837357/8	2000.0	542.525051	250.0	379929.0	0.271263	Y
6	STD500 460-837357/9	5000.0	1384.124096	250.0	410890.0	0.276825	Y



Calibration / Ethyl acetate

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

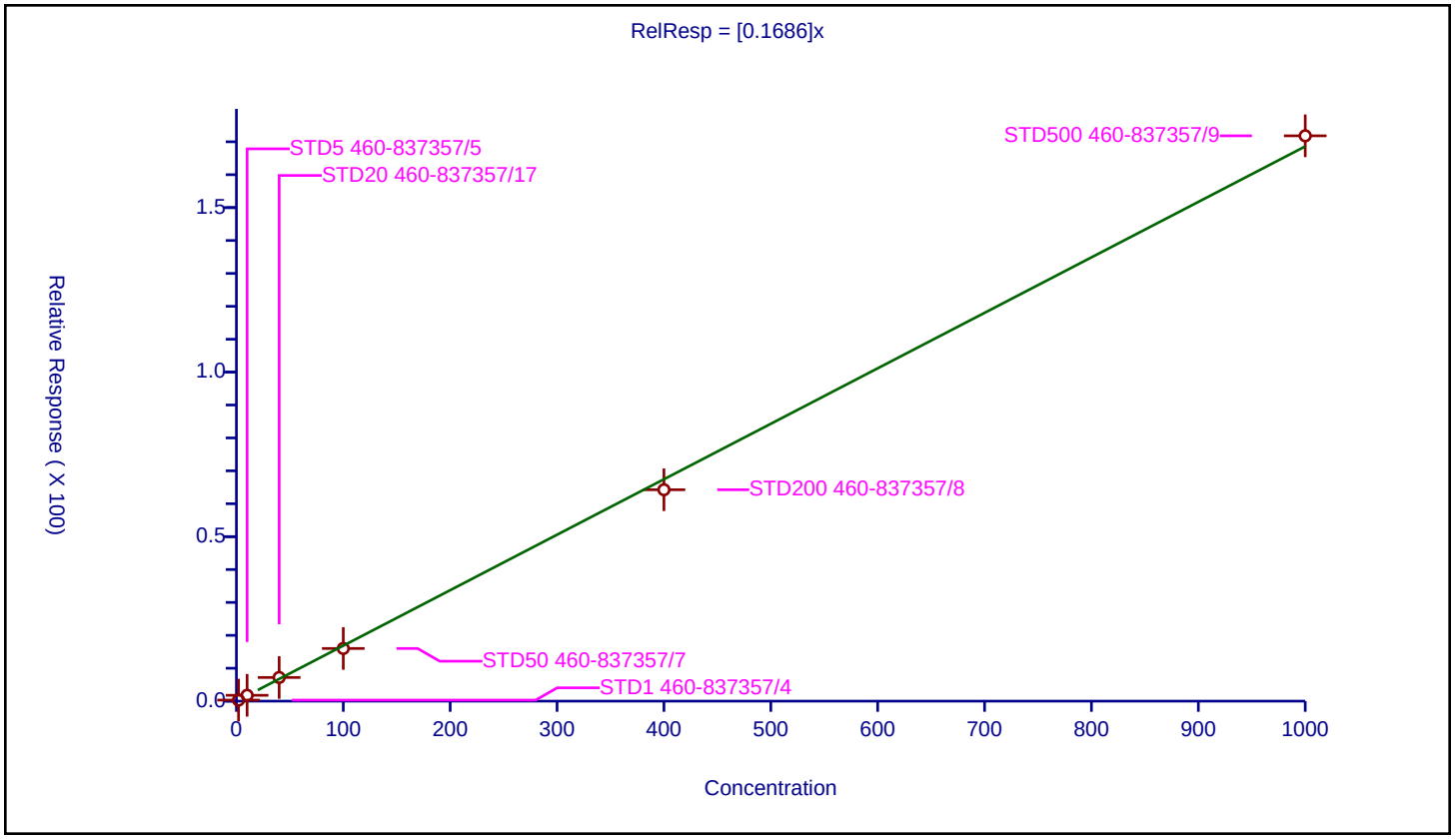
Curve Coefficients

Intercept:	0
Slope:	0.1686

Error Coefficients

Standard Error:	134000
Relative Standard Error:	5.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	2.0	0.323431	250.0	333920.0	0.161715	Y
2	STD5 460-837357/5	10.0	1.774595	250.0	307394.0	0.17746	Y
3	STD20 460-837357/17	40.0	7.194433	250.0	333904.0	0.179861	Y
4	STD50 460-837357/7	100.0	16.005883	250.0	397760.0	0.160059	Y
5	STD200 460-837357/8	400.0	64.254769	250.0	379929.0	0.160637	Y
6	STD500 460-837357/9	1000.0	171.813624	250.0	410890.0	0.171814	Y



Calibration / Methyl acrylate

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

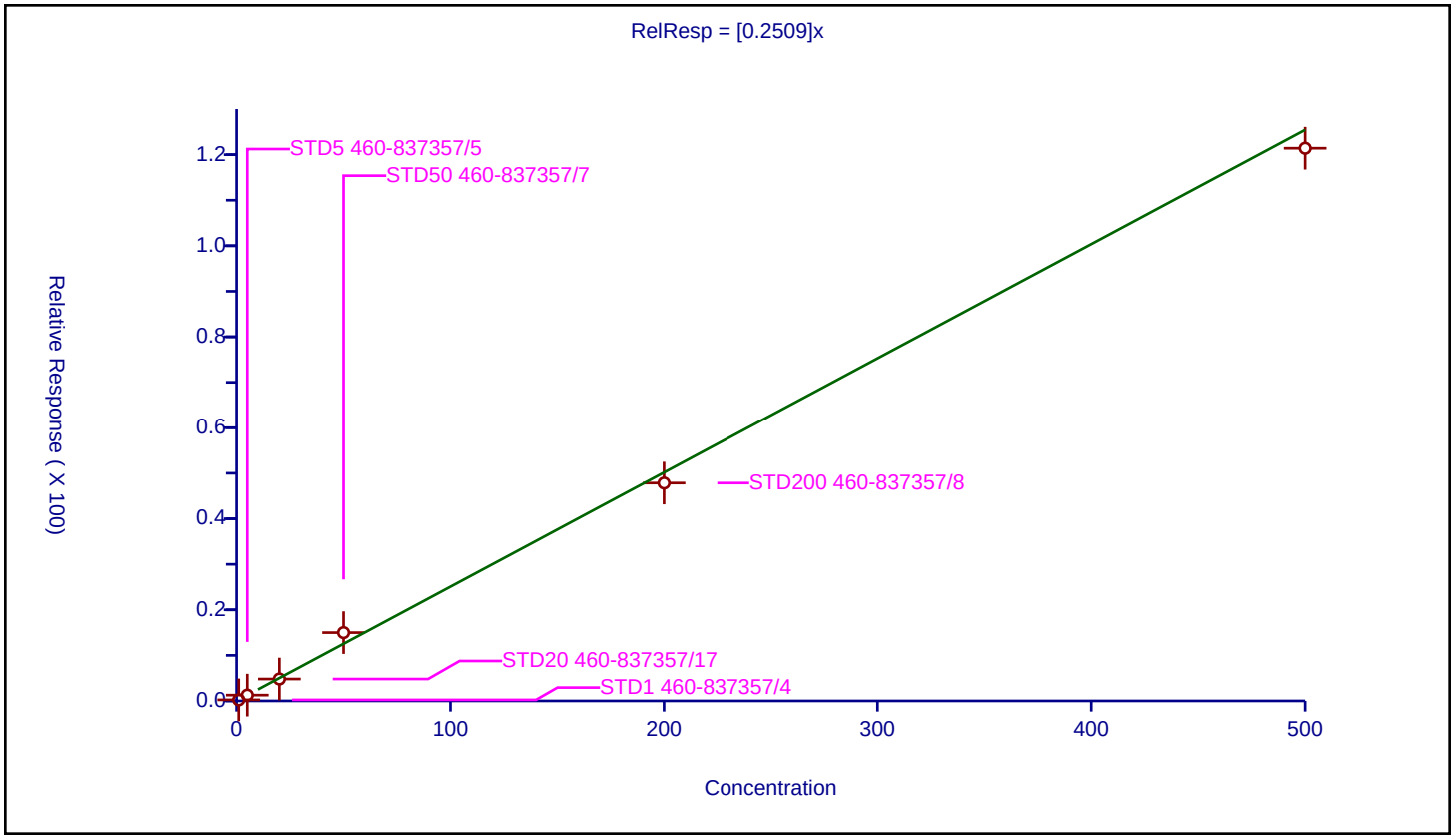
Curve Coefficients

Intercept:	0
Slope:	0.2509

Error Coefficients

Standard Error:	783000
Relative Standard Error:	10.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.228006	50.0	476085.0	0.228006	Y
2	STD5 460-837357/5	5.0	1.273442	50.0	440774.0	0.254688	Y
3	STD20 460-837357/17	20.0	4.810836	50.0	516615.0	0.240542	Y
4	STD50 460-837357/7	50.0	15.001328	50.0	497156.0	0.300027	Y
5	STD200 460-837357/8	200.0	47.846293	50.0	617865.0	0.239231	Y
6	STD500 460-837357/9	500.0	121.414109	50.0	675132.0	0.242828	Y



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

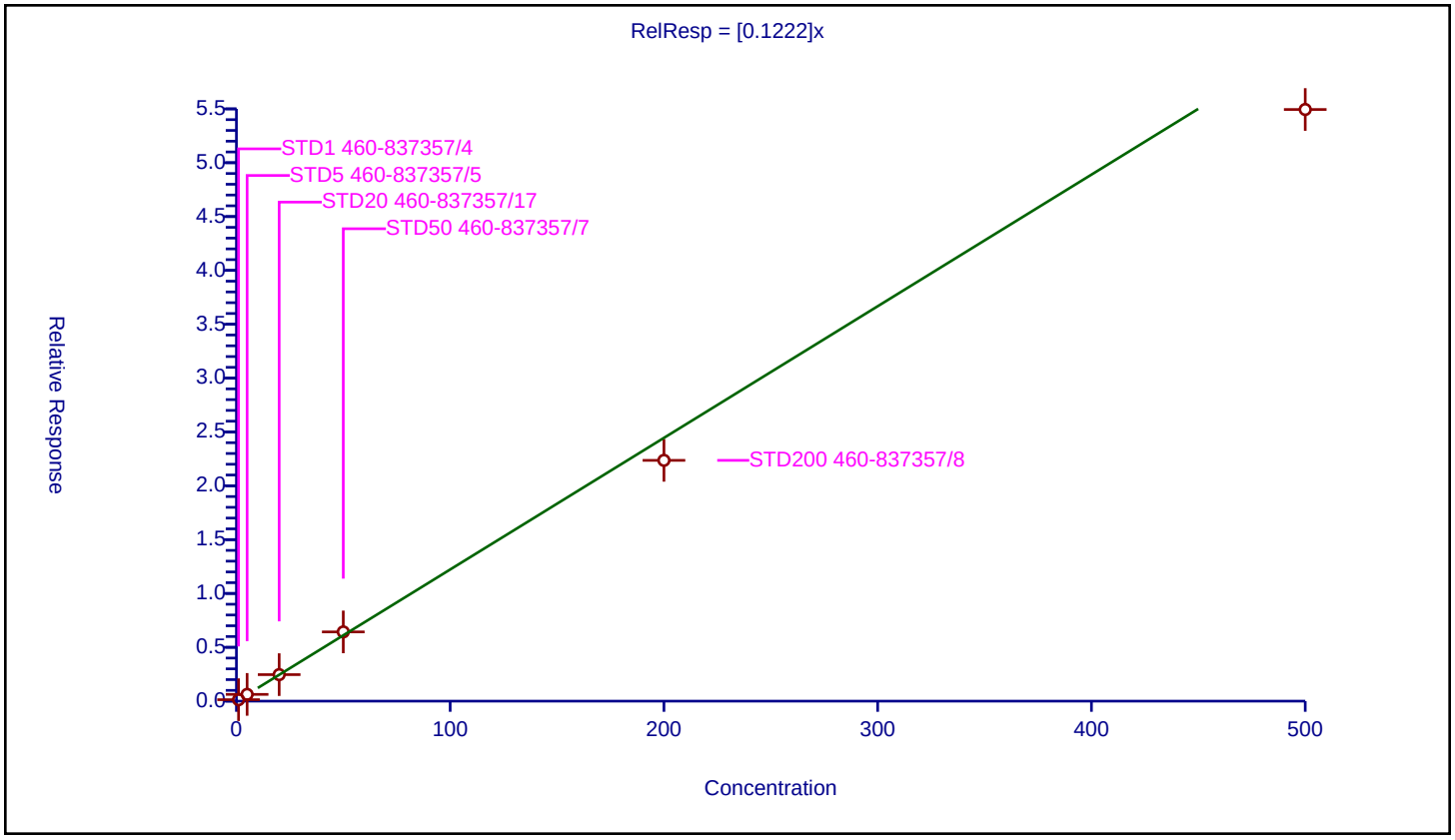
Curve Coefficients

Intercept:	0
Slope:	0.1222

Error Coefficients

Standard Error:	355000
Relative Standard Error:	7.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.13443	50.0	476085.0	0.13443	Y
2	STD5 460-837357/5	5.0	0.628213	50.0	440774.0	0.125643	Y
3	STD20 460-837357/17	20.0	2.461407	50.0	516615.0	0.12307	Y
4	STD50 460-837357/7	50.0	6.429873	50.0	497156.0	0.128597	Y
5	STD200 460-837357/8	200.0	22.361519	50.0	617865.0	0.111808	Y
6	STD500 460-837357/9	500.0	54.943404	50.0	675132.0	0.109887	Y



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

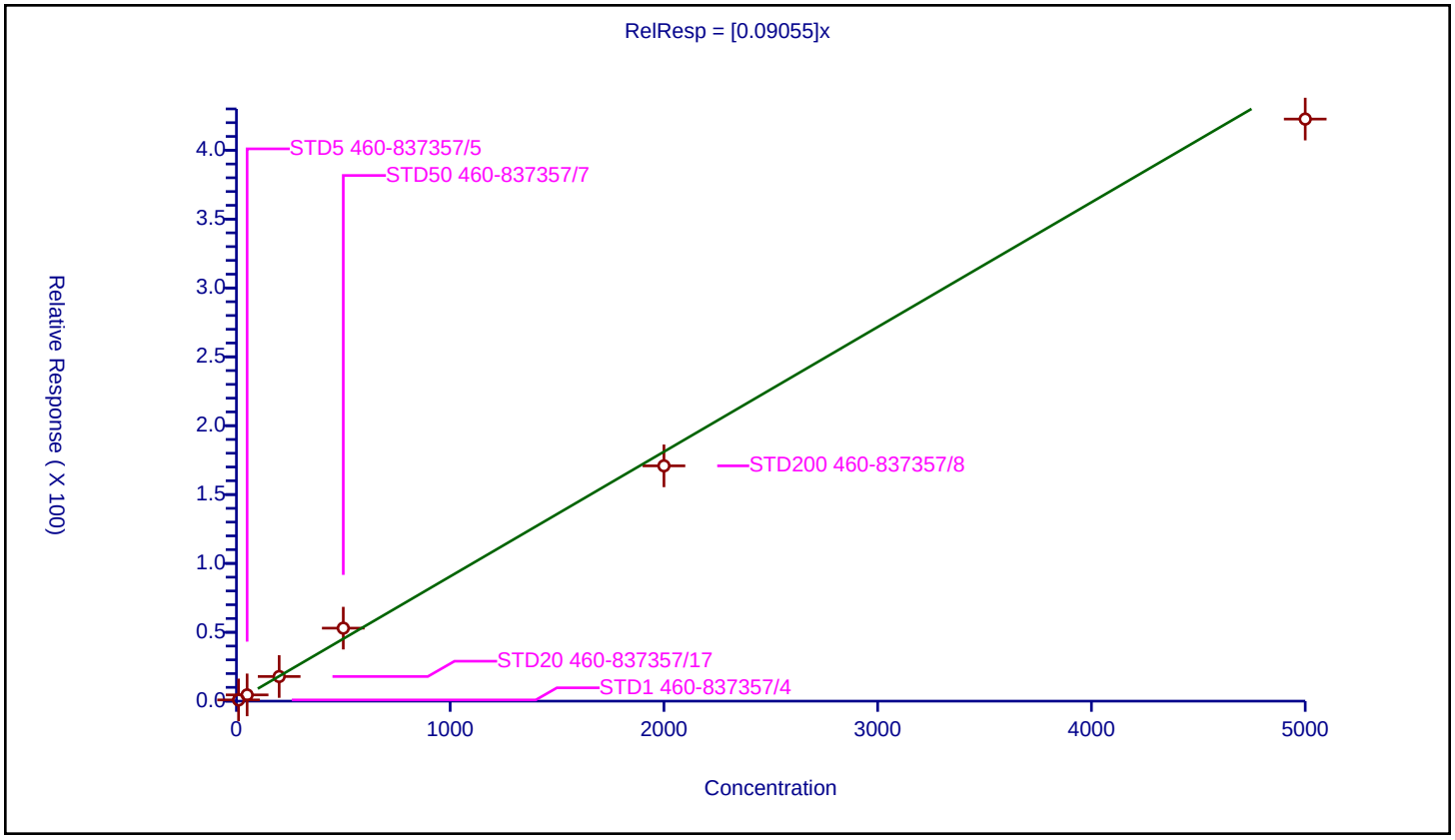
Curve Coefficients

Intercept:	0
Slope:	0.09055

Error Coefficients

Standard Error:	2730000
Relative Standard Error:	8.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	10.0	0.873478	50.0	476085.0	0.087348	Y
2	STD5 460-837357/5	50.0	4.529759	50.0	440774.0	0.090595	Y
3	STD20 460-837357/17	200.0	17.882079	50.0	516615.0	0.08941	Y
4	STD50 460-837357/7	500.0	52.991817	50.0	497156.0	0.105984	Y
5	STD200 460-837357/8	2000.0	170.842417	50.0	617865.0	0.085421	Y
6	STD500 460-837357/9	5000.0	422.612541	50.0	675132.0	0.084523	Y



Calibration / Tetrahydrofuran

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

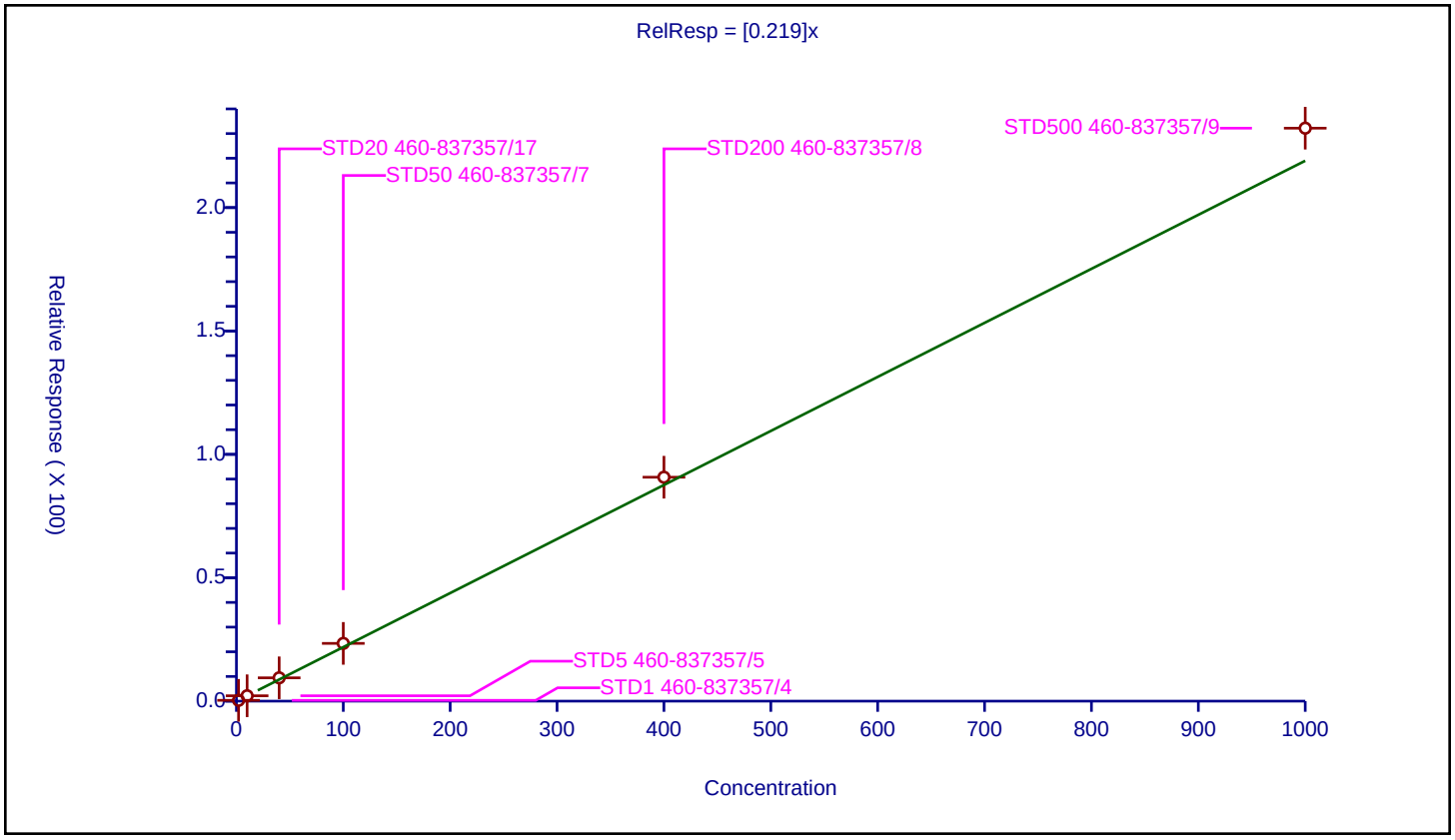
Curve Coefficients

Intercept:	0
Slope:	0.219

Error Coefficients

Standard Error:	182000
Relative Standard Error:	12.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	2.0	0.333912	250.0	333920.0	0.166956	Y
2	STD5 460-837357/5	10.0	2.174733	250.0	307394.0	0.217473	Y
3	STD20 460-837357/17	40.0	9.452567	250.0	333904.0	0.236314	Y
4	STD50 460-837357/7	100.0	23.40796	250.0	397760.0	0.23408	Y
5	STD200 460-837357/8	400.0	90.743928	250.0	379929.0	0.22686	Y
6	STD500 460-837357/9	1000.0	232.186838	250.0	410890.0	0.232187	Y



Calibration / Chloroform

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

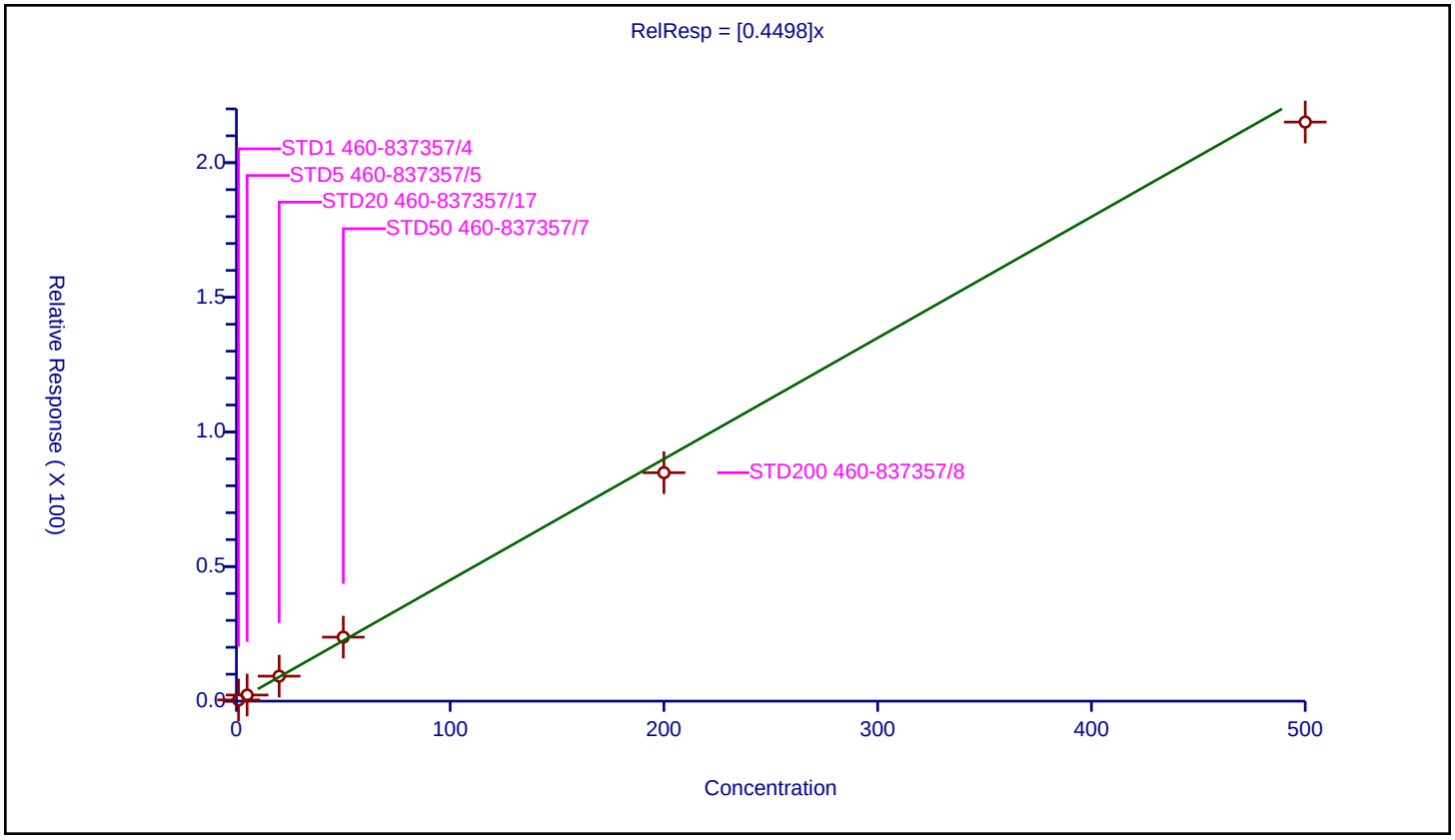
Curve Coefficients

Intercept:	0
Slope:	0.4498

Error Coefficients

Standard Error:	1390000
Relative Standard Error:	4.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.450865	50.0	476085.0	0.450865	Y
2	STD5 460-837357/5	5.0	2.268283	50.0	440774.0	0.453657	Y
3	STD20 460-837357/17	20.0	9.283799	50.0	516615.0	0.46419	Y
4	STD50 460-837357/7	50.0	23.768596	50.0	497156.0	0.475372	Y
5	STD200 460-837357/8	200.0	84.867406	50.0	617865.0	0.424337	Y
6	STD500 460-837357/9	500.0	215.109638	50.0	675132.0	0.430219	Y



Calibration / 1,1,1-Trichloroethane

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

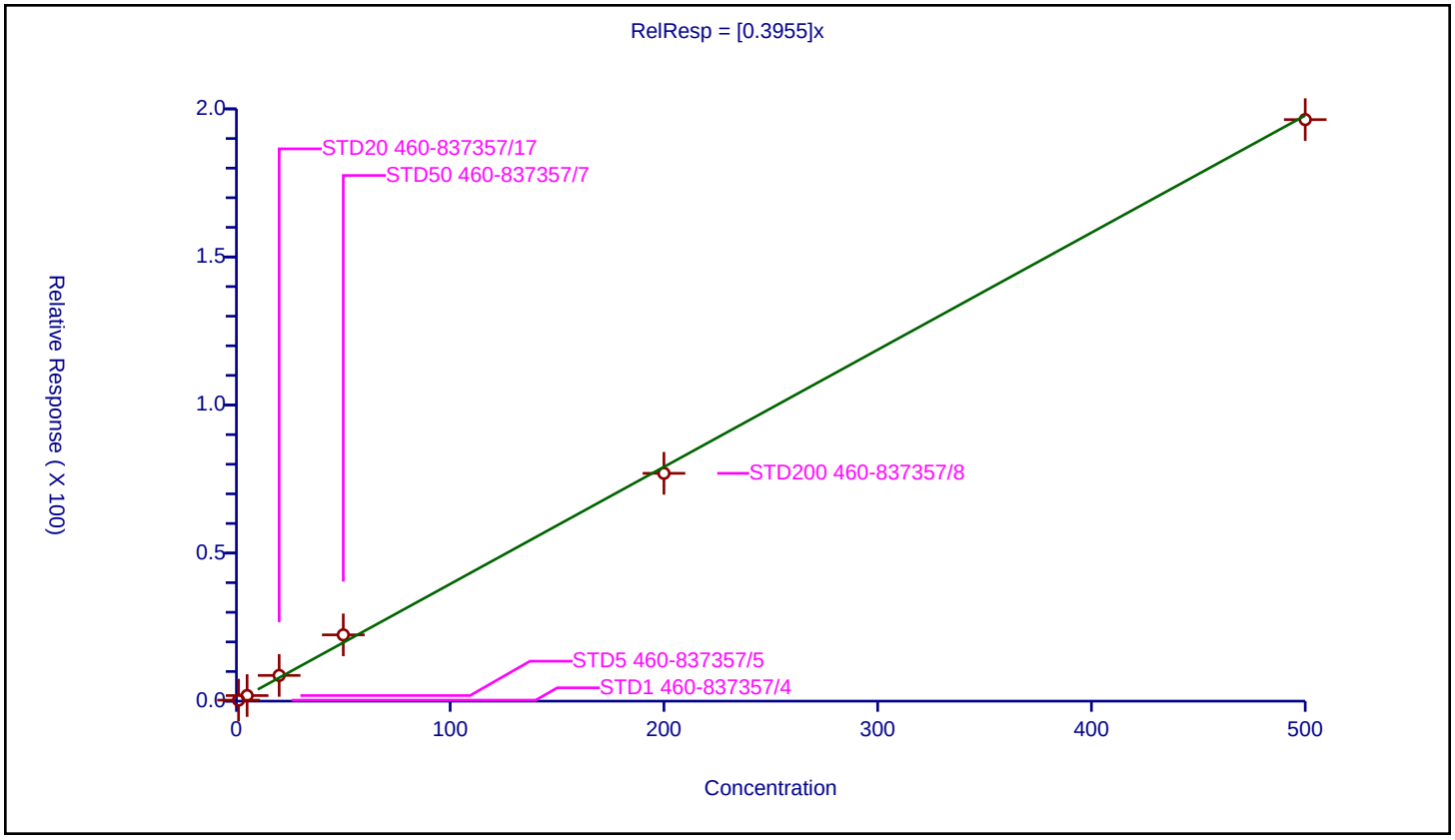
Curve Coefficients

Intercept:	0
Slope:	0.3955

Error Coefficients

Standard Error:	1260000
Relative Standard Error:	10.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.336495	50.0	476085.0	0.336495	Y
2	STD5 460-837357/5	5.0	1.887589	50.0	440774.0	0.377518	Y
3	STD20 460-837357/17	20.0	8.680062	50.0	516615.0	0.434003	Y
4	STD50 460-837357/7	50.0	22.384724	50.0	497156.0	0.447694	Y
5	STD200 460-837357/8	200.0	76.931288	50.0	617865.0	0.384656	Y
6	STD500 460-837357/9	500.0	196.377597	50.0	675132.0	0.392755	Y



Calibration / Dibromofluoromethane (Surr)

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

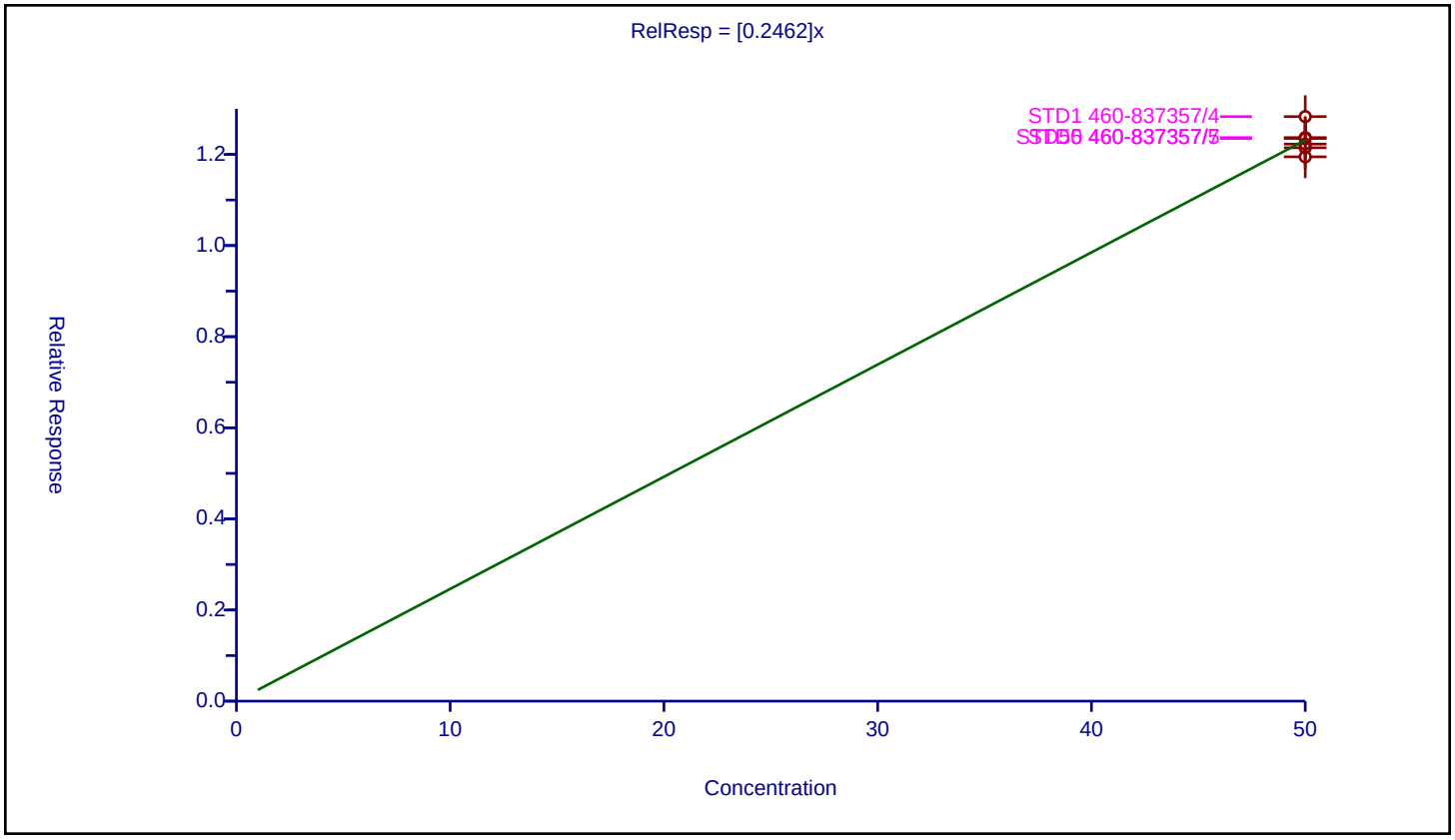
Curve Coefficients

Intercept:	0
Slope:	0.2462

Error Coefficients

Standard Error:	146000
Relative Standard Error:	2.4
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	50.0	12.830692	50.0	476085.0	0.256614	Y
2	STD5 460-837357/5	50.0	12.350774	50.0	440774.0	0.247015	Y
3	STD50 460-837357/7	50.0	12.369759	50.0	497156.0	0.247395	Y
4	STD200 460-837357/8	50.0	11.947432	50.0	617865.0	0.238949	Y
5	STD500 460-837357/9	50.0	12.147106	50.0	675132.0	0.242942	Y
6	STD20 460-837357/17	50.0	12.227578	50.0	516615.0	0.244552	Y



Calibration / Cyclohexane

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

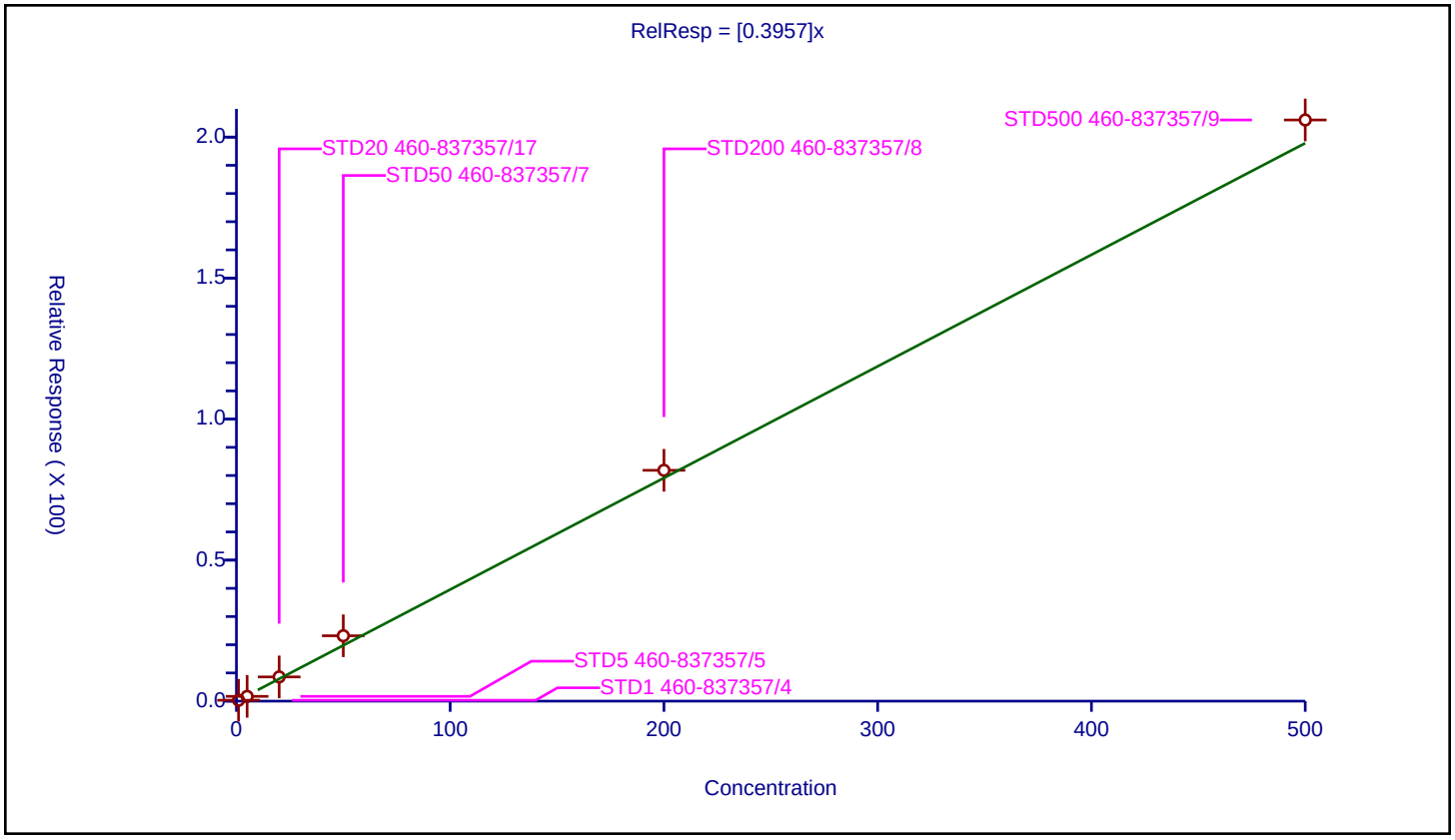
Curve Coefficients

Intercept:	0
Slope:	0.3957

Error Coefficients

Standard Error:	1330000
Relative Standard Error:	13.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.320426	50.0	476085.0	0.320426	Y
2	STD5 460-837357/5	5.0	1.696561	50.0	440774.0	0.339312	Y
3	STD20 460-837357/17	20.0	8.586665	50.0	516615.0	0.429333	Y
4	STD50 460-837357/7	50.0	23.184071	50.0	497156.0	0.463681	Y
5	STD200 460-837357/8	200.0	81.855745	50.0	617865.0	0.409279	Y
6	STD500 460-837357/9	500.0	206.072294	50.0	675132.0	0.412145	Y



Calibration / Carbon tetrachloride

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

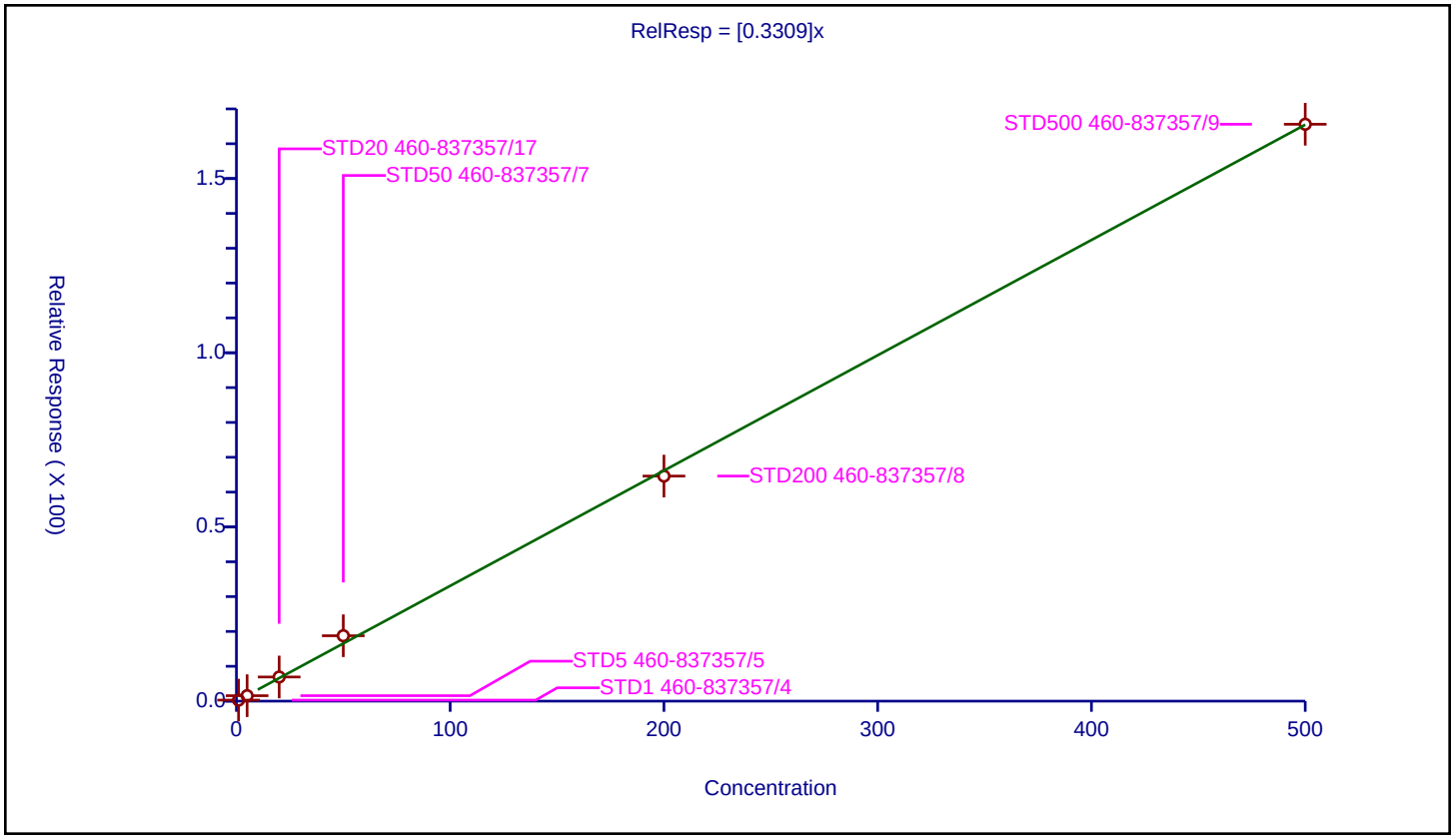
Curve Coefficients

Intercept:	0
Slope:	0.3309

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	8.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.297321	50.0	476085.0	0.297321	Y
2	STD5 460-837357/5	5.0	1.55987	50.0	440774.0	0.311974	Y
3	STD20 460-837357/17	20.0	6.9305	50.0	516615.0	0.346525	Y
4	STD50 460-837357/7	50.0	18.771472	50.0	497156.0	0.375429	Y
5	STD200 460-837357/8	200.0	64.607398	50.0	617865.0	0.323037	Y
6	STD500 460-837357/9	500.0	165.591395	50.0	675132.0	0.331183	Y



Calibration / 1,1-Dichloropropene

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

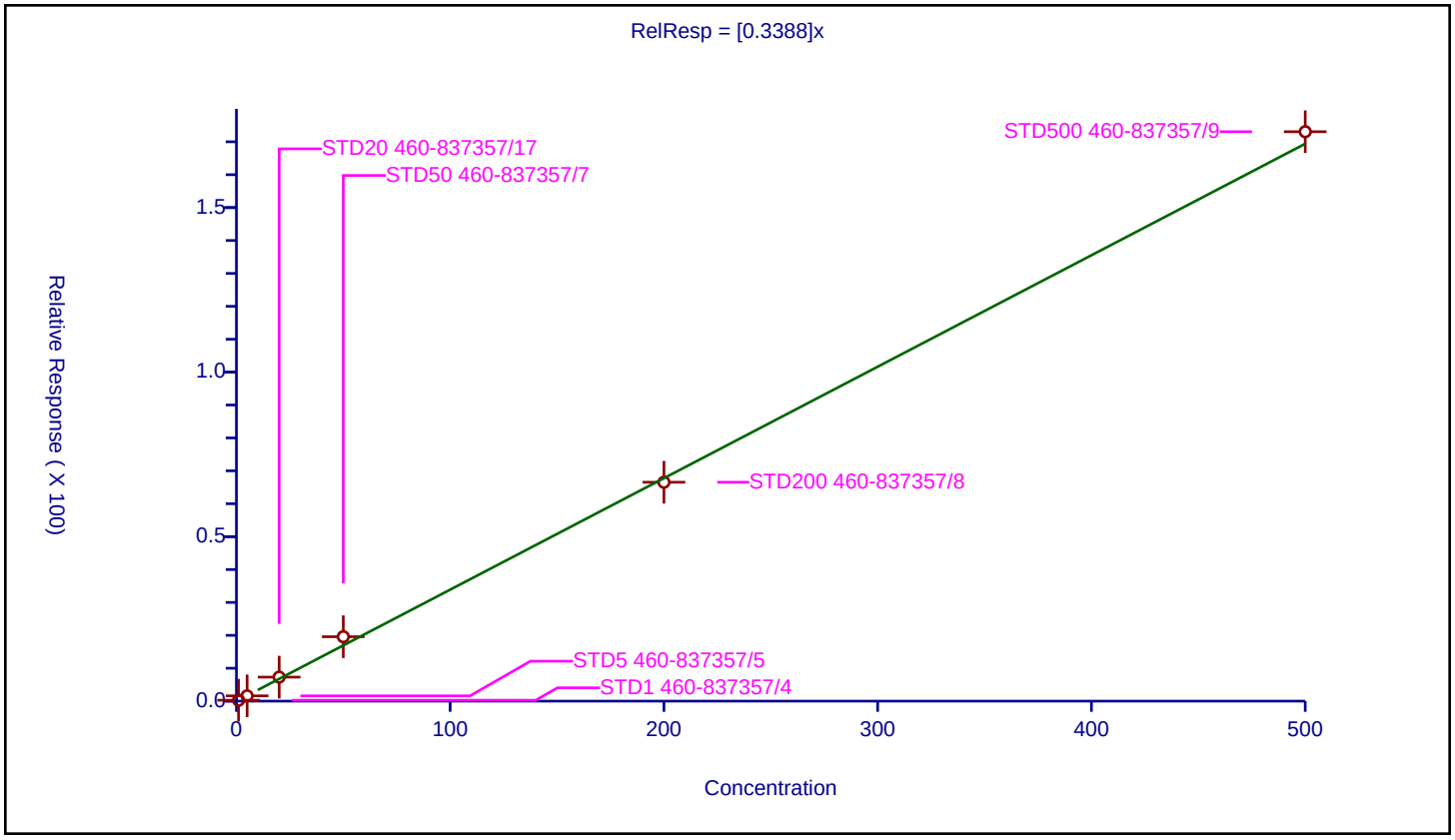
Curve Coefficients

Intercept:	0
Slope:	0.3388

Error Coefficients

Standard Error:	1110000
Relative Standard Error:	11.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.275686	50.0	476085.0	0.275686	Y
2	STD5 460-837357/5	5.0	1.609668	50.0	440774.0	0.321934	Y
3	STD20 460-837357/17	20.0	7.295471	50.0	516615.0	0.364774	Y
4	STD50 460-837357/7	50.0	19.580977	50.0	497156.0	0.39162	Y
5	STD200 460-837357/8	200.0	66.52416	50.0	617865.0	0.332621	Y
6	STD500 460-837357/9	500.0	173.06075	50.0	675132.0	0.346121	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

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

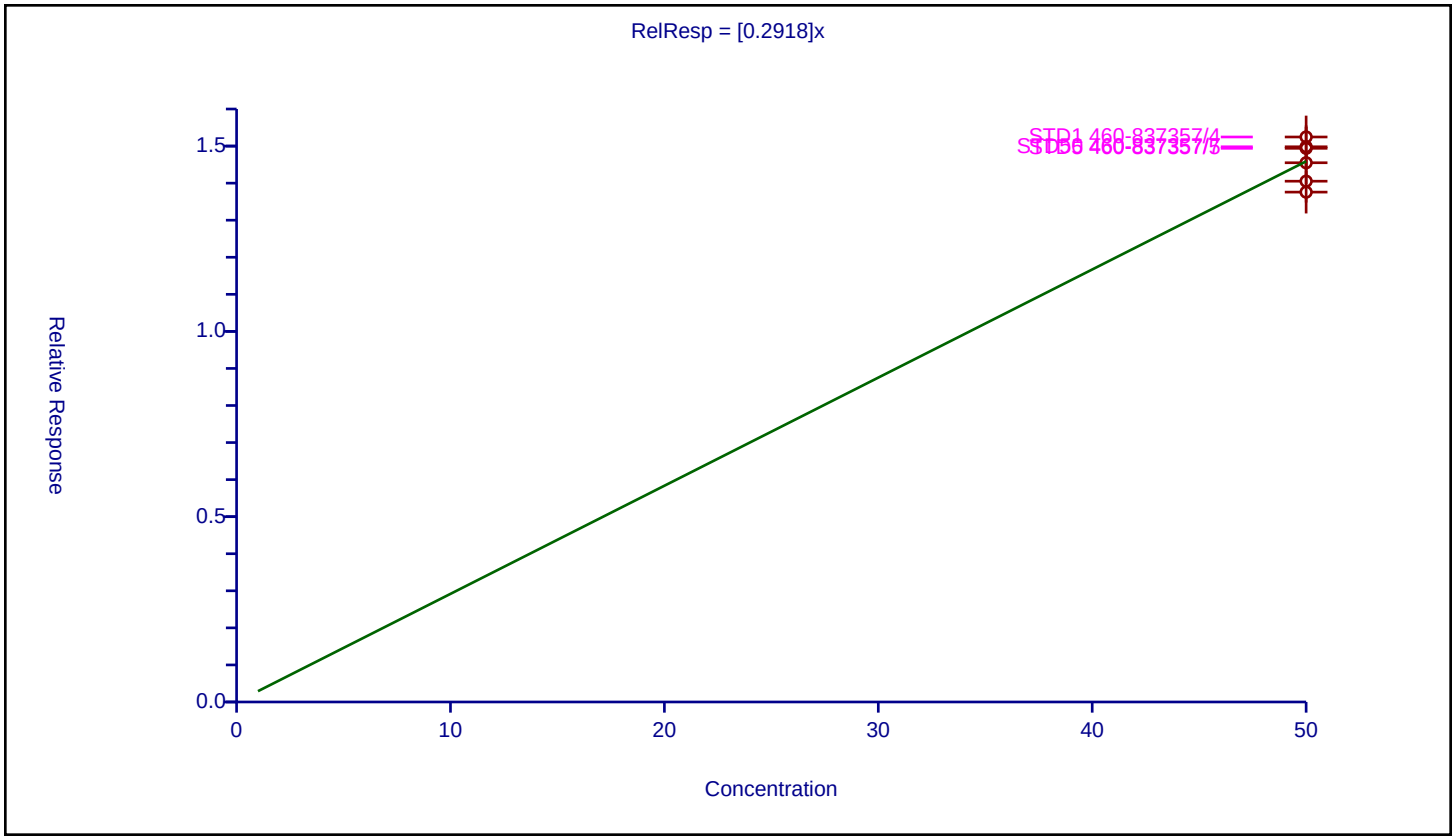
Curve Coefficients

Intercept:	0
Slope:	0.2918

Error Coefficients

Standard Error:	172000
Relative Standard Error:	4.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	50.0	15.244967	50.0	476085.0	0.304899	Y
2	STD5 460-837357/5	50.0	14.939402	50.0	440774.0	0.298788	Y
3	STD50 460-837357/7	50.0	14.981213	50.0	497156.0	0.299624	Y
4	STD200 460-837357/8	50.0	13.75786	50.0	617865.0	0.275157	Y
5	STD500 460-837357/9	50.0	14.051919	50.0	675132.0	0.281038	Y
6	STD20 460-837357/17	50.0	14.549907	50.0	516615.0	0.290998	Y



Calibration / Benzene

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

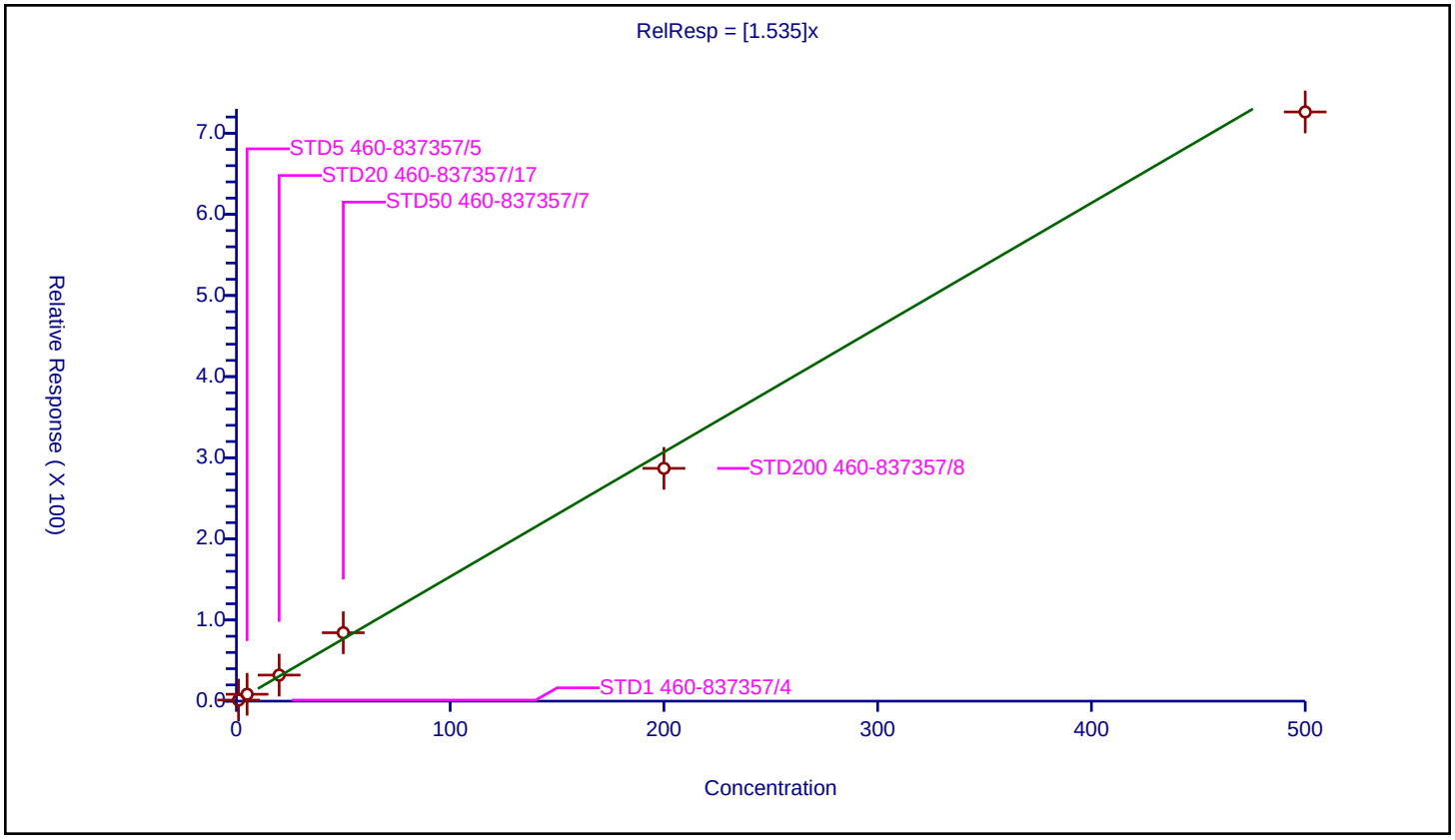
Curve Coefficients

Intercept:	0
Slope:	1.535

Error Coefficients

Standard Error:	3080000
Relative Standard Error:	9.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	1.330763	50.0	331276.0	1.330763	Y
2	STD5 460-837357/5	5.0	8.497128	50.0	257640.0	1.699426	Y
3	STD20 460-837357/17	20.0	32.132195	50.0	326260.0	1.60661	Y
4	STD50 460-837357/7	50.0	84.319054	50.0	312580.0	1.686381	Y
5	STD200 460-837357/8	200.0	286.934675	50.0	401517.0	1.434673	Y
6	STD500 460-837357/9	500.0	726.234531	50.0	444683.0	1.452469	Y



Calibration / 1,2-Dichloroethane

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

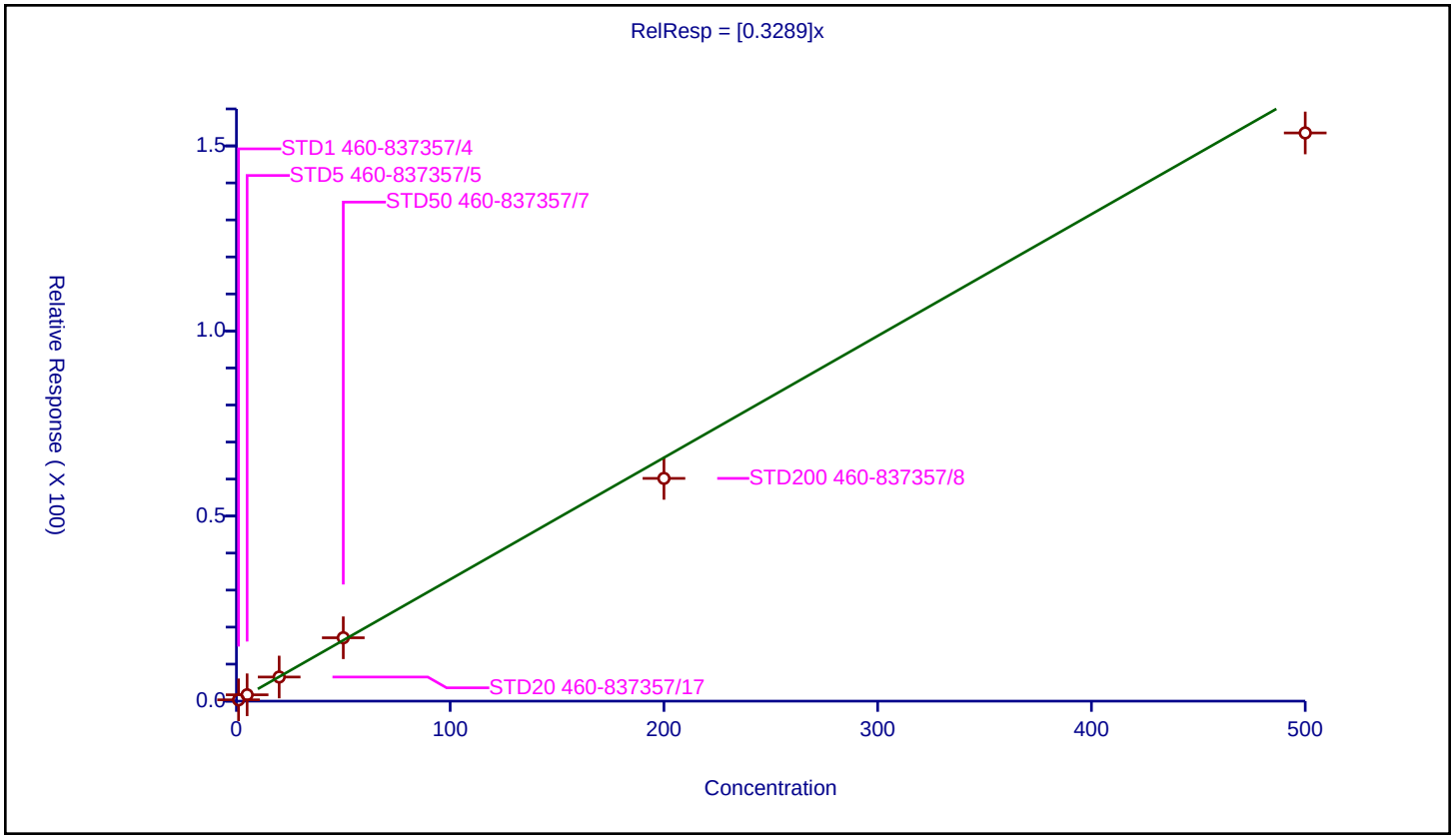
Curve Coefficients

Intercept:	0
Slope:	0.3289

Error Coefficients

Standard Error:	988000
Relative Standard Error:	6.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.354243	50.0	476085.0	0.354243	Y
2	STD5 460-837357/5	5.0	1.714257	50.0	440774.0	0.342851	Y
3	STD20 460-837357/17	20.0	6.517039	50.0	516615.0	0.325852	Y
4	STD50 460-837357/7	50.0	17.121185	50.0	497156.0	0.342424	Y
5	STD200 460-837357/8	200.0	60.177304	50.0	617865.0	0.300887	Y
6	STD500 460-837357/9	500.0	153.503981	50.0	675132.0	0.307008	Y



Calibration / Isobutyl alcohol

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

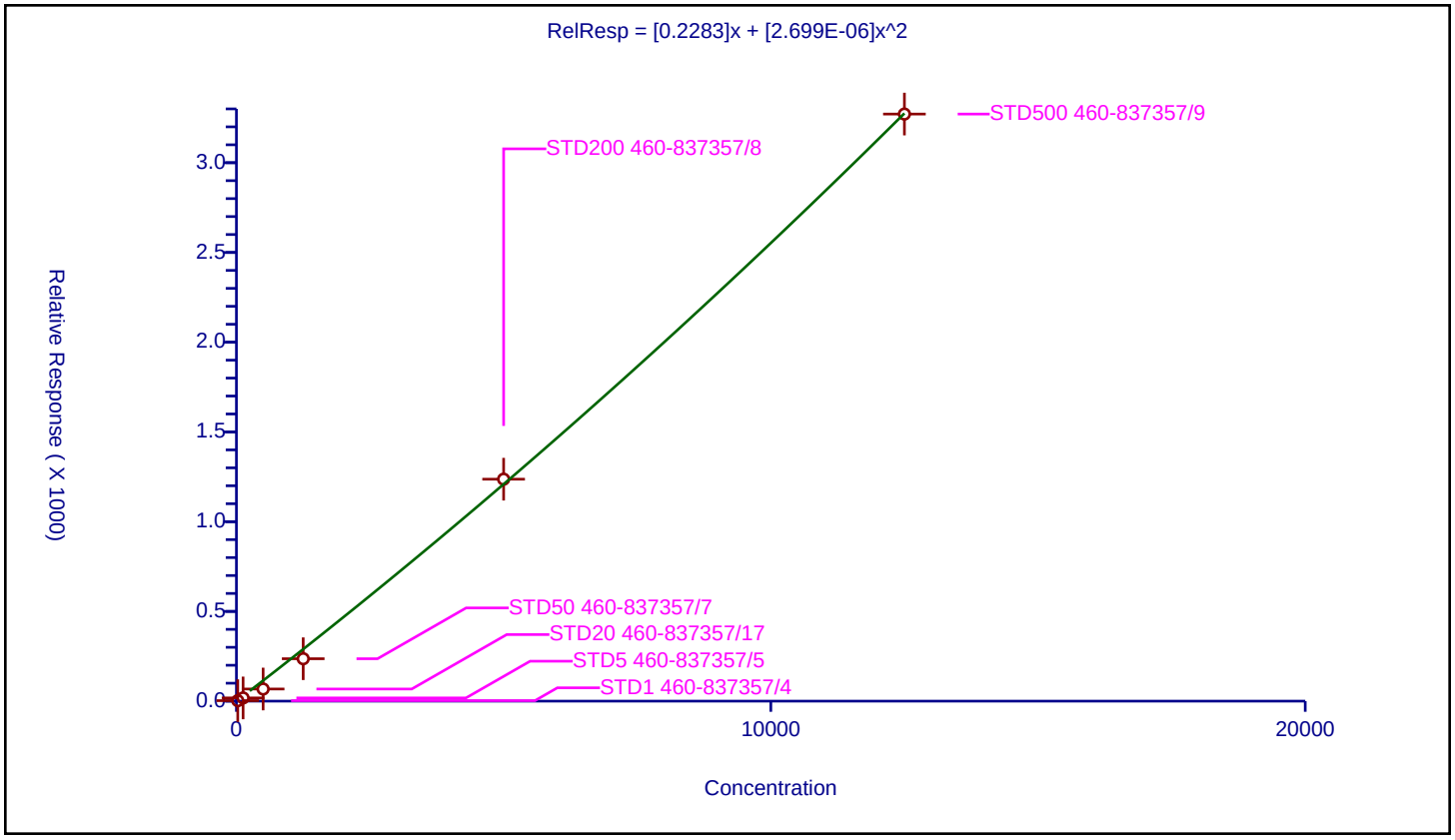
Curve Coefficients

Intercept:	0
Slope:	0.2283
Second Order:	2.699E-06

Error Coefficients

Standard Error:	685000
Relative Standard Error:	38.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	25.0	2.786352	1000.0	399447.0	0.111454	Y
2	STD5 460-837357/5	125.0	17.861698	1000.0	344984.0	0.142894	Y
3	STD20 460-837357/17	500.0	67.5452	1000.0	363105.0	0.13509	Y
4	STD50 460-837357/7	1250.0	236.309326	1000.0	454963.0	0.189047	Y
5	STD200 460-837357/8	5000.0	1236.799144	1000.0	366302.0	0.24736	Y
6	STD500 460-837357/9	12500.0	3271.17773	1000.0	395014.0	0.261694	Y



Calibration / Tert-amyl methyl ether

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

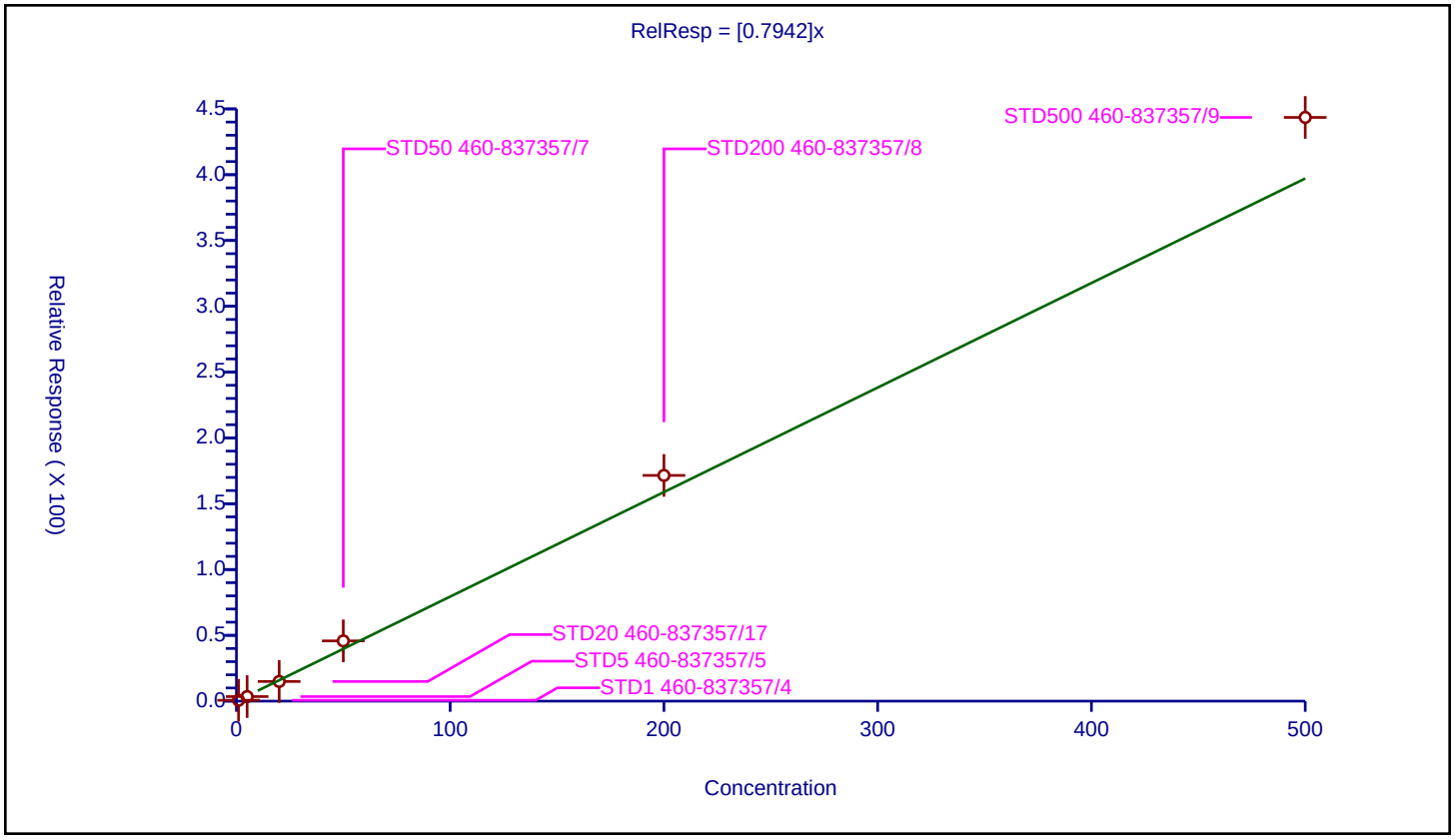
Curve Coefficients

Intercept:	0
Slope:	0.7942

Error Coefficients

Standard Error:	2850000
Relative Standard Error:	13.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.665953	50.0	476085.0	0.665953	Y
2	STD5 460-837357/5	5.0	3.460504	50.0	440774.0	0.692101	Y
3	STD20 460-837357/17	20.0	14.949818	50.0	516615.0	0.747491	Y
4	STD50 460-837357/7	50.0	45.760787	50.0	497156.0	0.915216	Y
5	STD200 460-837357/8	200.0	171.508906	50.0	617865.0	0.857545	Y
6	STD500 460-837357/9	500.0	443.526747	50.0	675132.0	0.887053	Y



Calibration / Isopropyl acetate

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

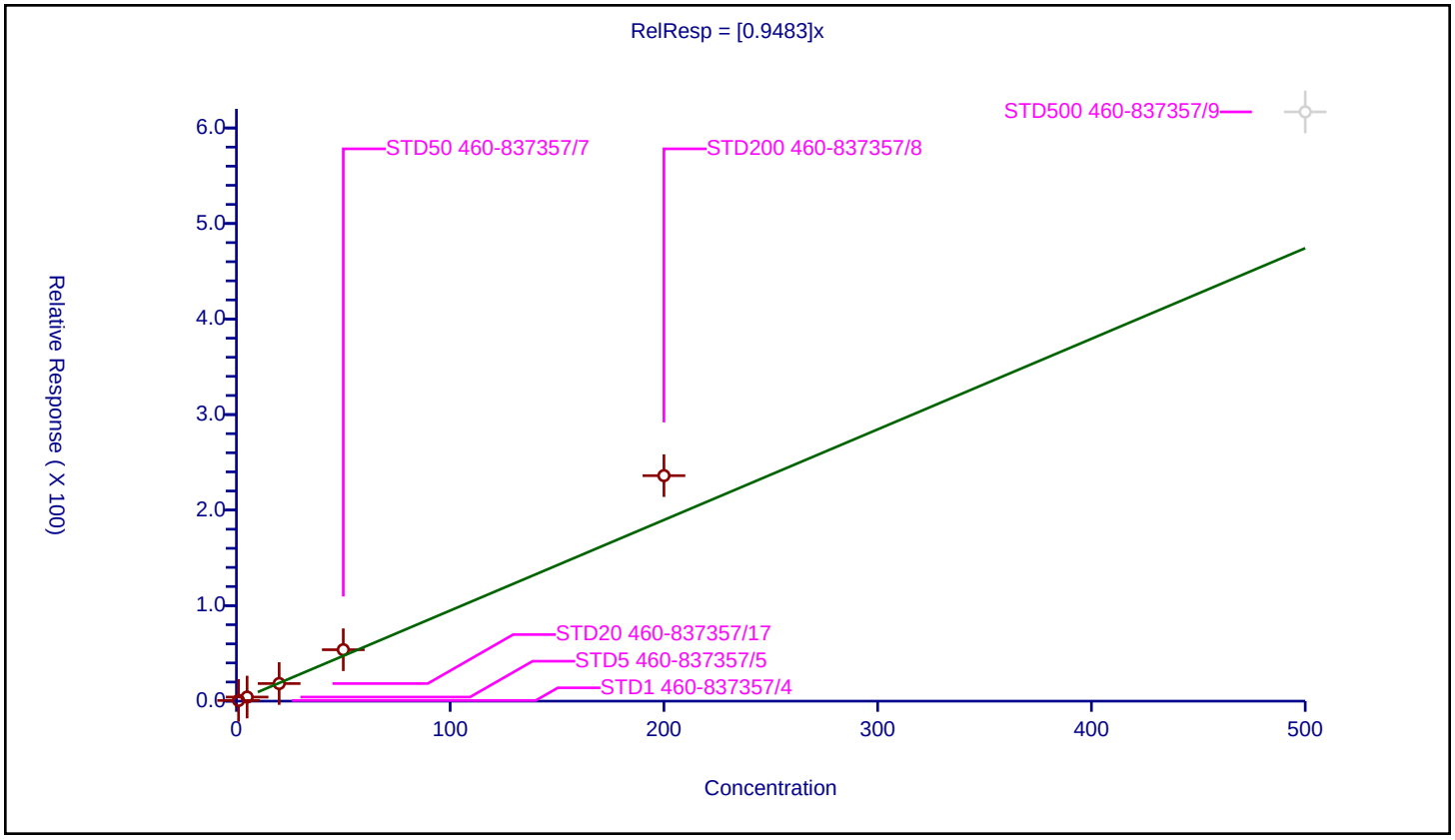
Curve Coefficients

Intercept:	0
Slope:	0.9483

Error Coefficients

Standard Error:	1490000
Relative Standard Error:	19.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.710062	50.0	476085.0	0.710062	Y
2	STD5 460-837357/5	5.0	4.269308	50.0	440774.0	0.853862	Y
3	STD20 460-837357/17	20.0	18.423584	50.0	516615.0	0.921179	Y
4	STD50 460-837357/7	50.0	53.81329	50.0	497156.0	1.076266	Y
5	STD200 460-837357/8	200.0	236.063784	50.0	617865.0	1.180319	Y
6	STD500 460-837357/9	500.0	616.853593	50.0	675132.0	1.233707	N



Calibration / n-Heptane

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

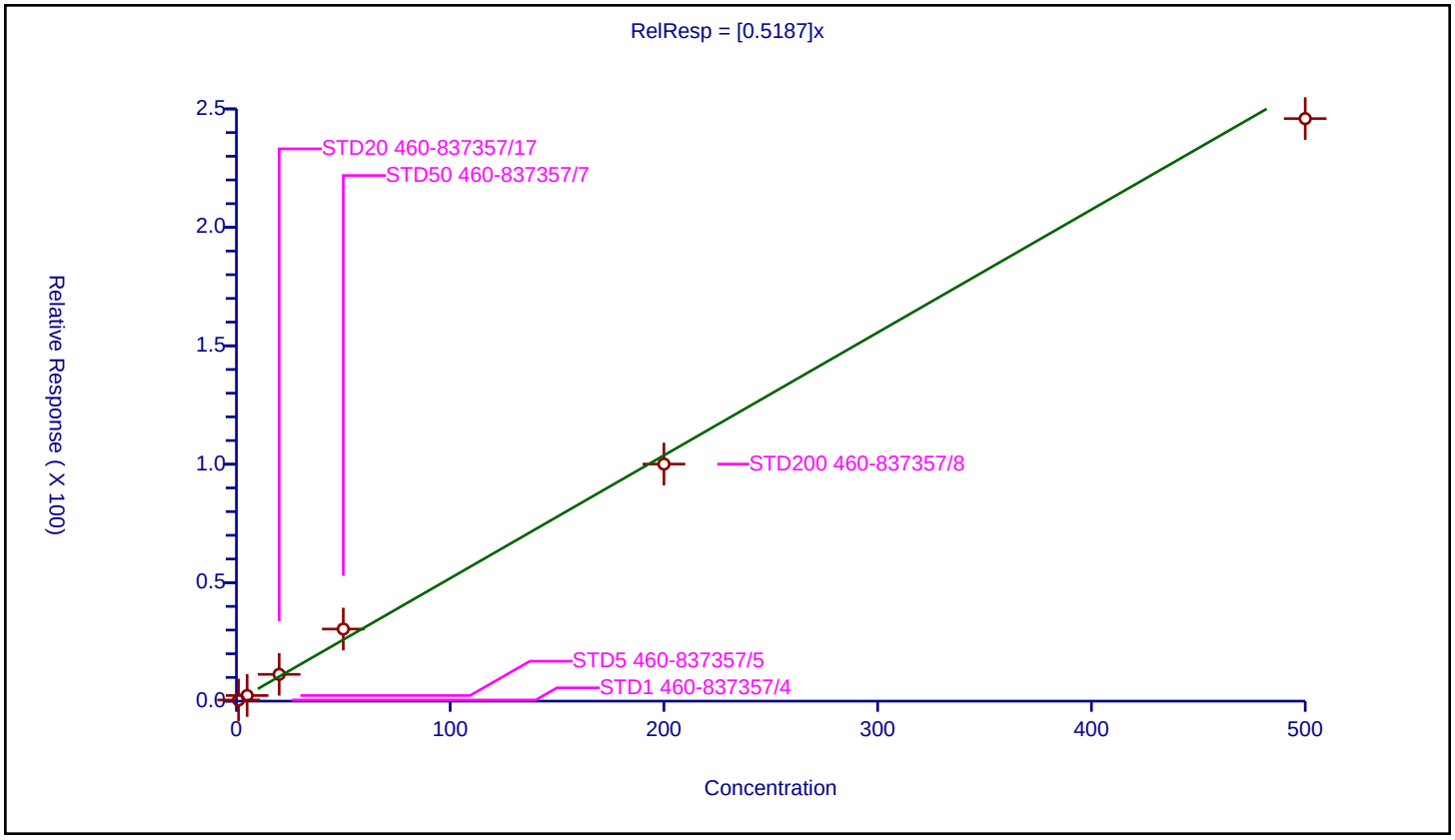
Curve Coefficients

Intercept:	0
Slope:	0.5187

Error Coefficients

Standard Error:	1590000
Relative Standard Error:	10.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.474285	50.0	476085.0	0.474285	Y
2	STD5 460-837357/5	5.0	2.362435	50.0	440774.0	0.472487	Y
3	STD20 460-837357/17	20.0	11.29942	50.0	516615.0	0.564971	Y
4	STD50 460-837357/7	50.0	30.423147	50.0	497156.0	0.608463	Y
5	STD200 460-837357/8	200.0	100.062473	50.0	617865.0	0.500312	Y
6	STD500 460-837357/9	500.0	245.893248	50.0	675132.0	0.491786	Y



Calibration / Trichloroethene

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

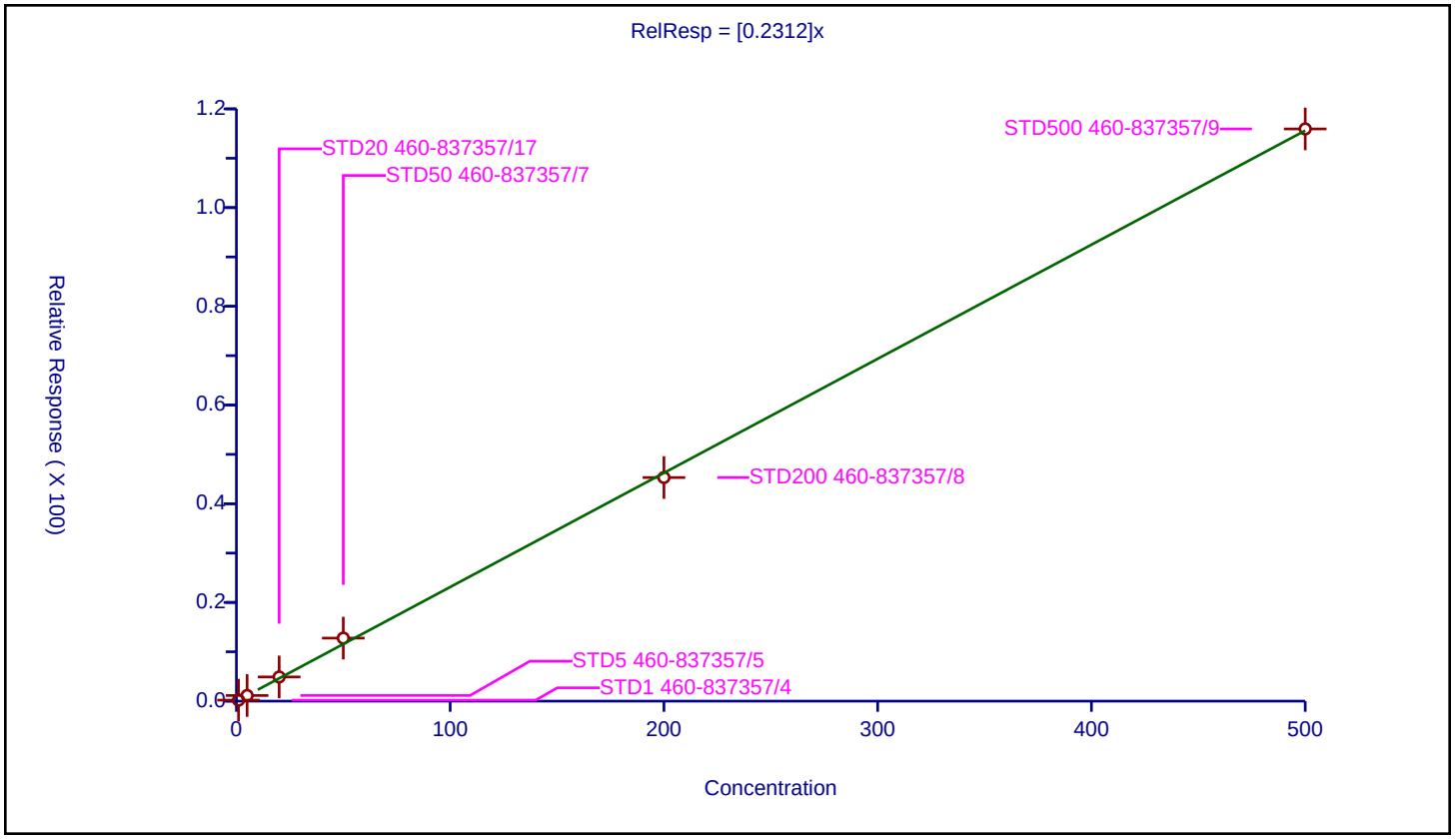
Curve Coefficients

Intercept:	0
Slope:	0.2312

Error Coefficients

Standard Error:	746000
Relative Standard Error:	8.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.200069	50.0	476085.0	0.200069	Y
2	STD5 460-837357/5	5.0	1.141401	50.0	440774.0	0.22828	Y
3	STD20 460-837357/17	20.0	4.900942	50.0	516615.0	0.245047	Y
4	STD50 460-837357/7	50.0	12.771444	50.0	497156.0	0.255429	Y
5	STD200 460-837357/8	200.0	45.309169	50.0	617865.0	0.226546	Y
6	STD500 460-837357/9	500.0	115.938883	50.0	675132.0	0.231878	Y



Calibration / n-Butanol

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

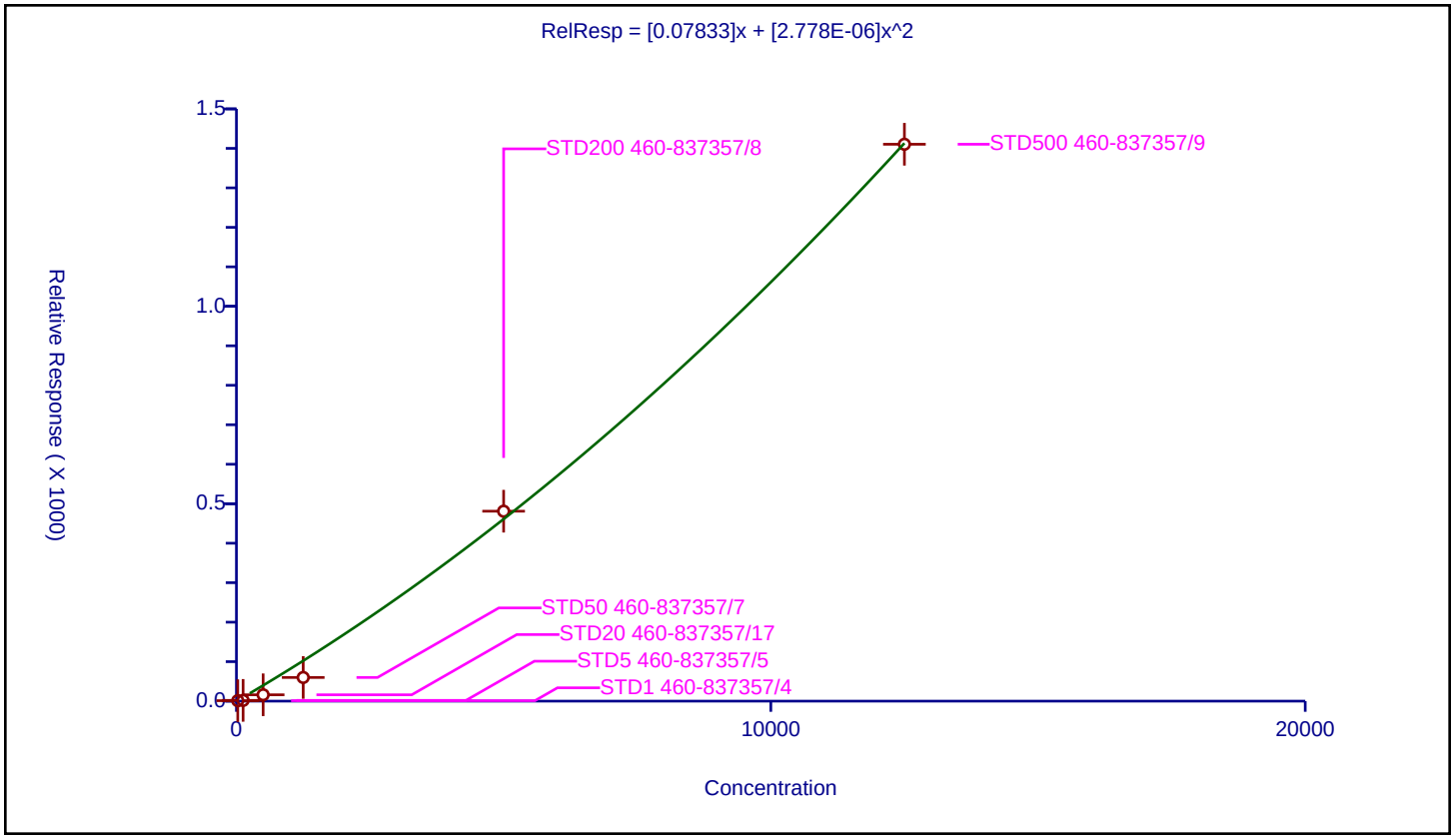
Curve Coefficients

Intercept:	0
Slope:	0.07833
Second Order:	2.778E-06

Error Coefficients

Standard Error:	292000
Relative Standard Error:	57.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	25.0	1.151592	1000.0	399447.0	0.046064	Y
2	STD5 460-837357/5	125.0	1.910234	1000.0	344984.0	0.015282	Y
3	STD20 460-837357/17	500.0	16.113796	1000.0	363105.0	0.032228	Y
4	STD50 460-837357/7	1250.0	59.943336	1000.0	454963.0	0.047955	Y
5	STD200 460-837357/8	5000.0	481.078454	1000.0	366302.0	0.096216	Y
6	STD500 460-837357/9	12500.0	1410.400644	1000.0	395014.0	0.112832	Y



Calibration / Methylcyclohexane

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

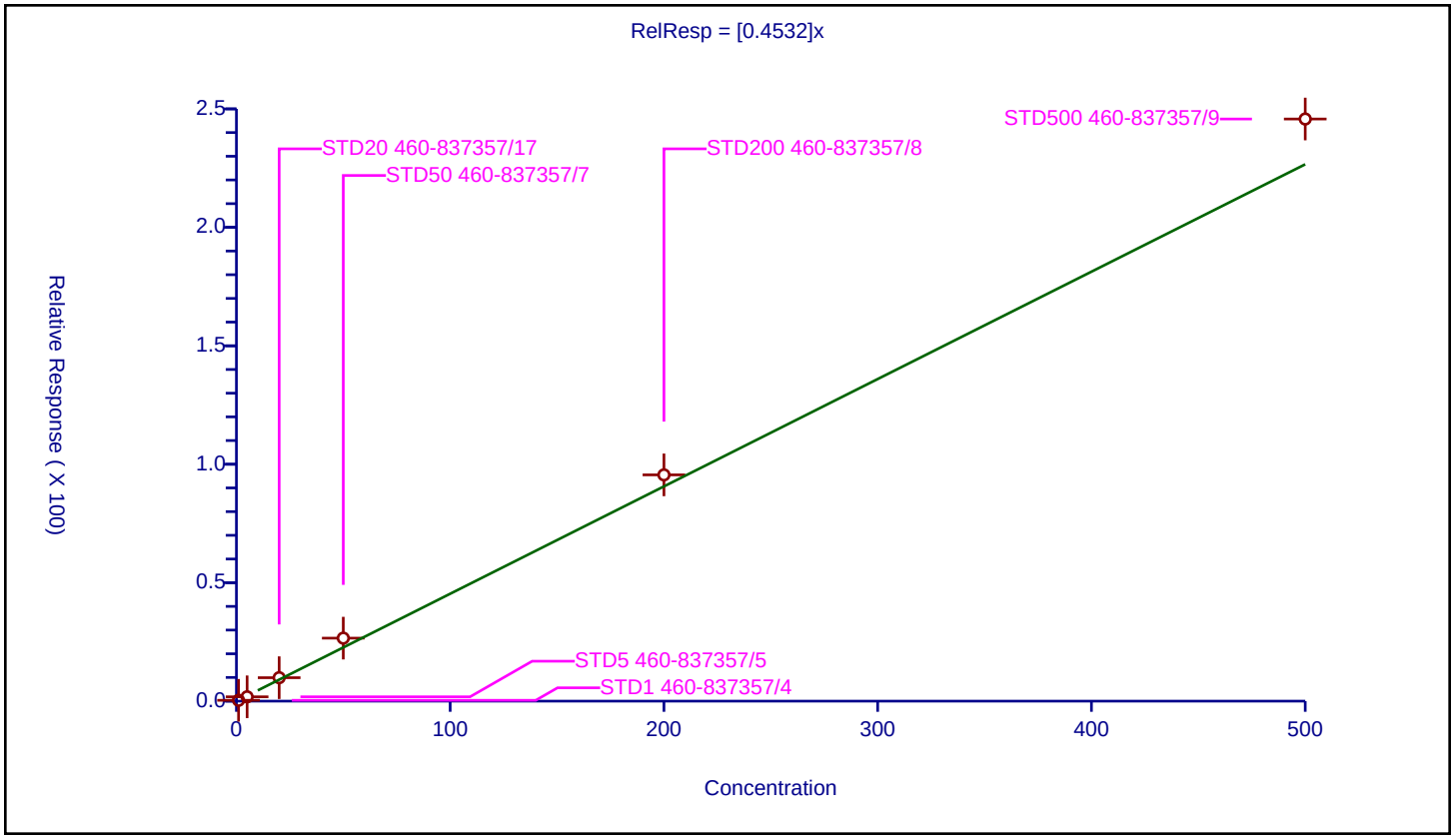
Curve Coefficients

Intercept:	0
Slope:	0.4532

Error Coefficients

Standard Error:	1580000
Relative Standard Error:	16.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.357919	50.0	476085.0	0.357919	Y
2	STD5 460-837357/5	5.0	1.827807	50.0	440774.0	0.365561	Y
3	STD20 460-837357/17	20.0	9.896925	50.0	516615.0	0.494846	Y
4	STD50 460-837357/7	50.0	26.594369	50.0	497156.0	0.531887	Y
5	STD200 460-837357/8	200.0	95.513259	50.0	617865.0	0.477566	Y
6	STD500 460-837357/9	500.0	245.723207	50.0	675132.0	0.491446	Y



Calibration / Ethyl acrylate

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

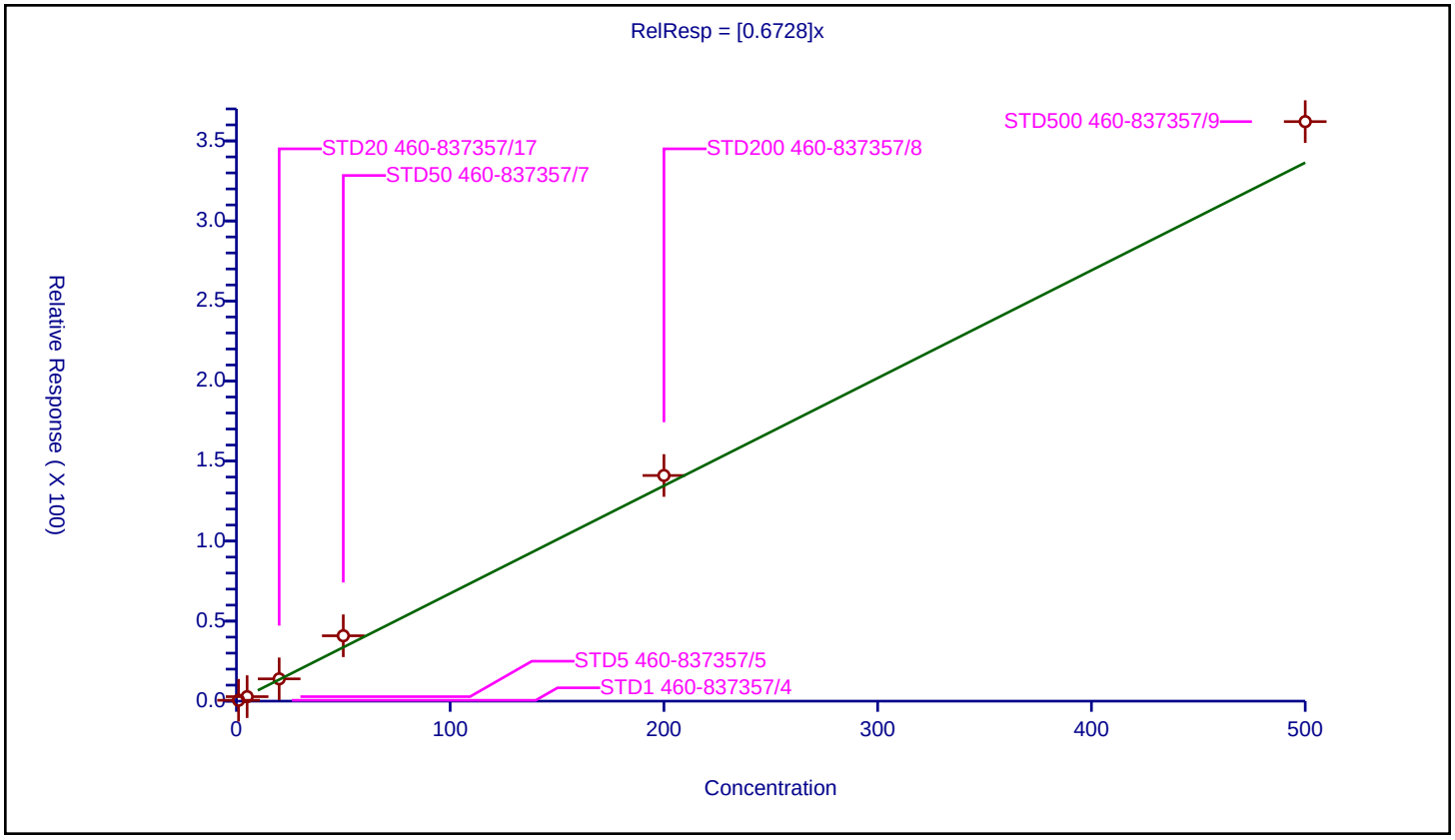
Curve Coefficients

Intercept:	0
Slope:	0.6728

Error Coefficients

Standard Error:	2330000
Relative Standard Error:	15.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.533413	50.0	476085.0	0.533413	Y
2	STD5 460-837357/5	5.0	2.807788	50.0	440774.0	0.561558	Y
3	STD20 460-837357/17	20.0	13.921005	50.0	516615.0	0.69605	Y
4	STD50 460-837357/7	50.0	40.844021	50.0	497156.0	0.81688	Y
5	STD200 460-837357/8	200.0	140.975699	50.0	617865.0	0.704878	Y
6	STD500 460-837357/9	500.0	362.044904	50.0	675132.0	0.72409	Y



Calibration / 1,2-Dichloropropane

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

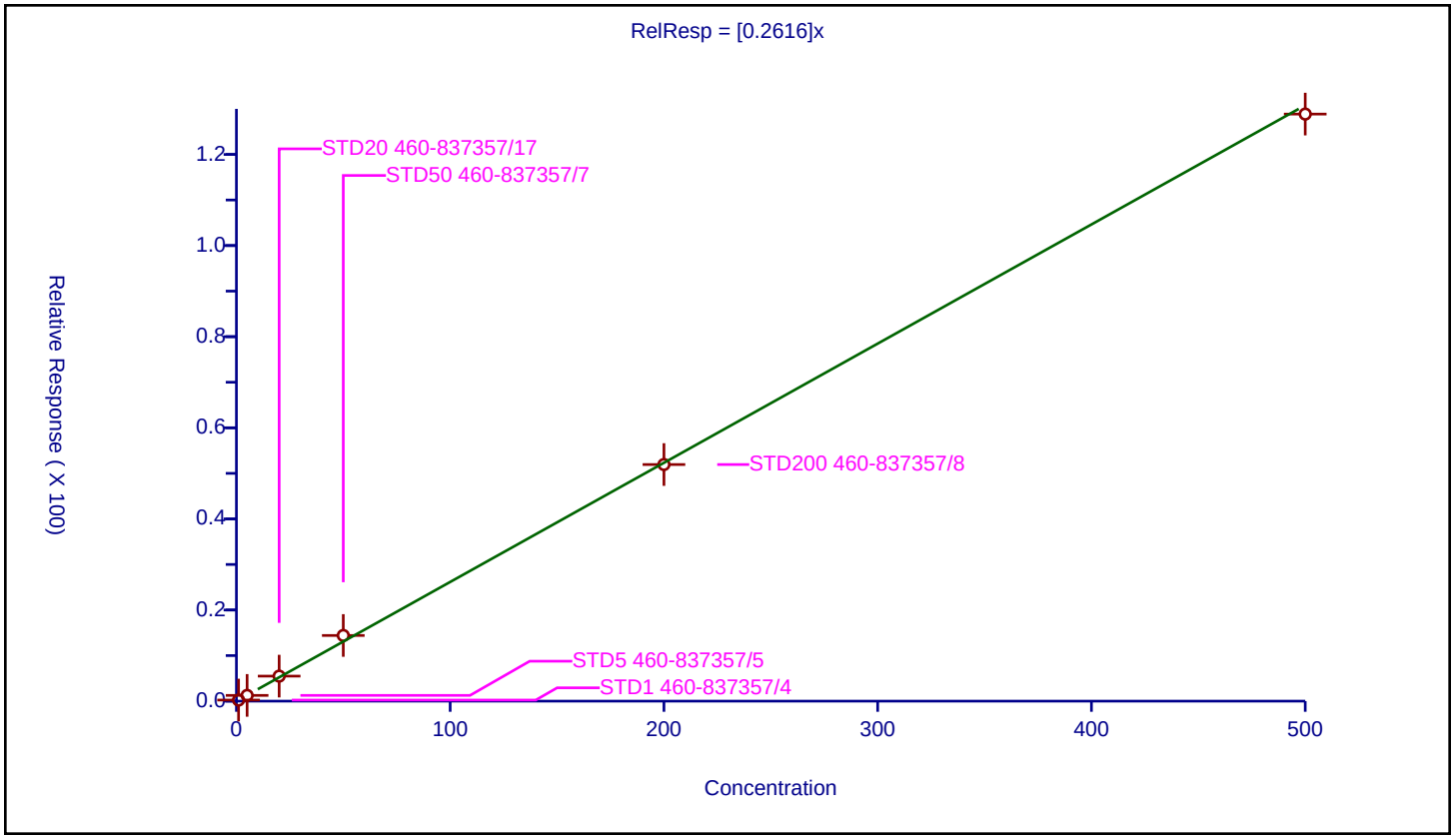
Curve Coefficients

Intercept:	0
Slope:	0.2616

Error Coefficients

Standard Error:	832000
Relative Standard Error:	6.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.237143	50.0	476085.0	0.237143	Y
2	STD5 460-837357/5	5.0	1.260737	50.0	440774.0	0.252147	Y
3	STD20 460-837357/17	20.0	5.490162	50.0	516615.0	0.274508	Y
4	STD50 460-837357/7	50.0	14.416602	50.0	497156.0	0.288332	Y
5	STD200 460-837357/8	200.0	51.936507	50.0	617865.0	0.259683	Y
6	STD500 460-837357/9	500.0	128.862356	50.0	675132.0	0.257725	Y



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

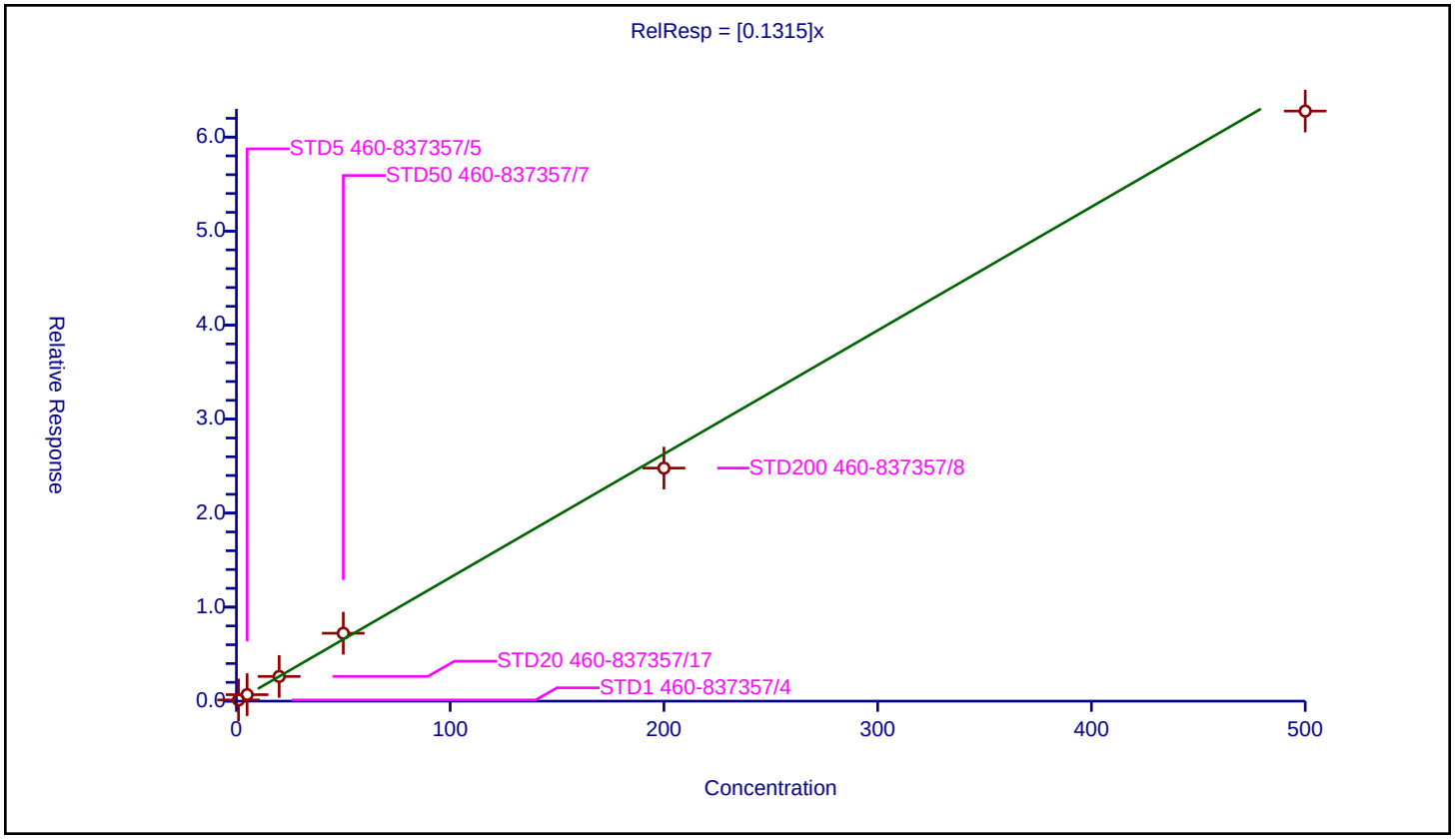
Curve Coefficients

Intercept:	0
Slope:	0.1315

Error Coefficients

Standard Error:	404000
Relative Standard Error:	6.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.125503	50.0	476085.0	0.125503	Y
2	STD5 460-837357/5	5.0	0.689582	50.0	440774.0	0.137916	Y
3	STD20 460-837357/17	20.0	2.627198	50.0	516615.0	0.13136	Y
4	STD50 460-837357/7	50.0	7.222481	50.0	497156.0	0.14445	Y
5	STD200 460-837357/8	200.0	24.788425	50.0	617865.0	0.123942	Y
6	STD500 460-837357/9	500.0	62.767874	50.0	675132.0	0.125536	Y



Calibration / 1,4-Dioxane

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

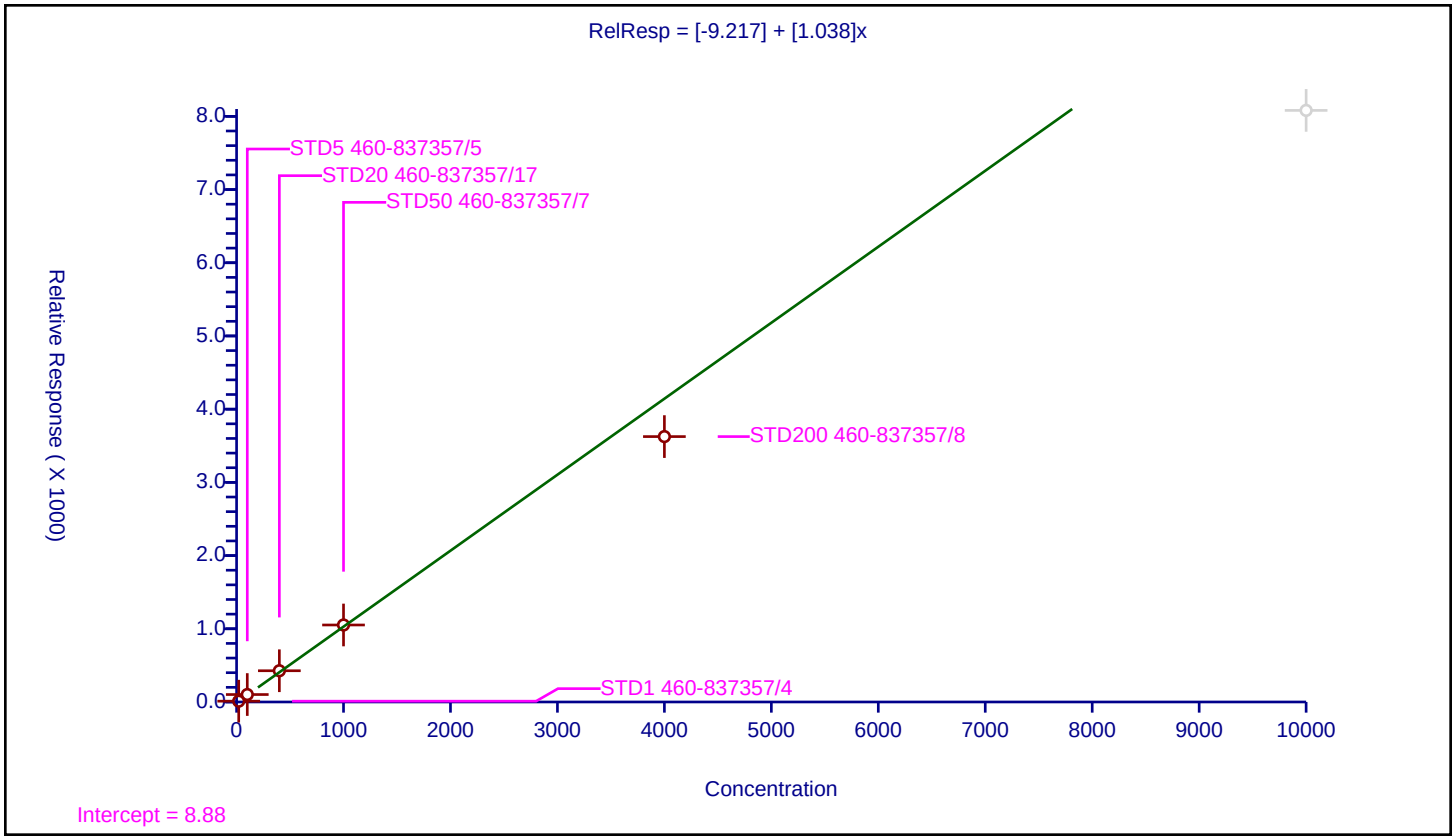
Curve Coefficients

Intercept:	-9.217
Slope:	1.038

Error Coefficients

Standard Error:	62700
Relative Standard Error:	8.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	20.0	11.210551	1000.0	21230.0	0.560528	Y
2	STD5 460-837357/5	100.0	101.657396	1000.0	17618.0	1.016574	Y
3	STD20 460-837357/17	400.0	426.701439	1000.0	19939.0	1.066754	Y
4	STD50 460-837357/7	1000.0	1051.861928	1000.0	29405.0	1.051862	Y
5	STD200 460-837357/8	4000.0	3625.435423	1000.0	29856.0	0.906359	Y
6	STD500 460-837357/9	10000.0	8081.221154	1000.0	38783.0	0.808122	N



Calibration / Methyl methacrylate

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

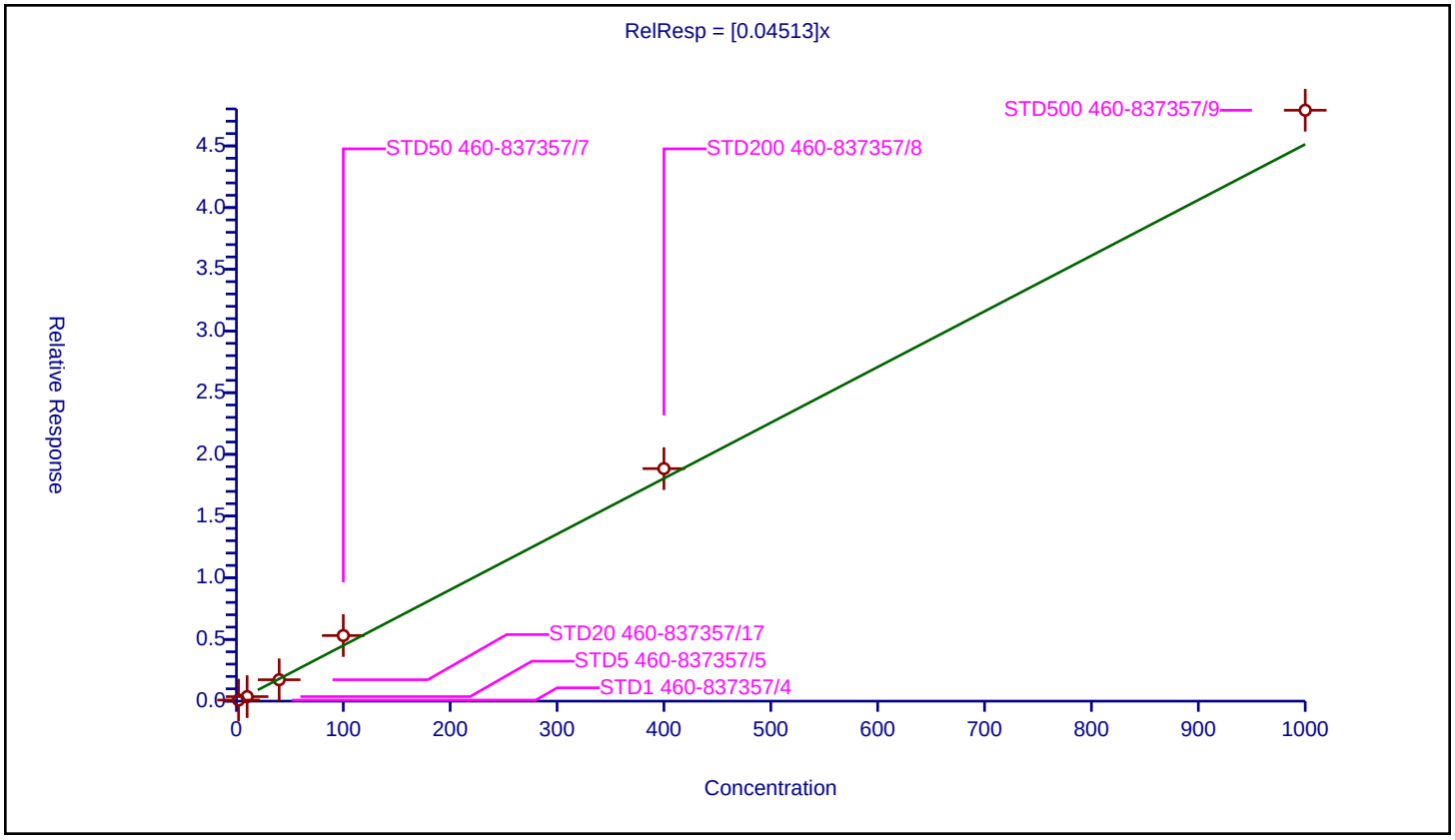
Curve Coefficients

Intercept:	0
Slope:	0.04513

Error Coefficients

Standard Error:	308000
Relative Standard Error:	12.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	2.0	0.085384	50.0	476085.0	0.042692	Y
2	STD5 460-837357/5	10.0	0.36572	50.0	440774.0	0.036572	Y
3	STD20 460-837357/17	40.0	1.73398	50.0	516615.0	0.043349	Y
4	STD50 460-837357/7	100.0	5.31654	50.0	497156.0	0.053165	Y
5	STD200 460-837357/8	400.0	18.845055	50.0	617865.0	0.047113	Y
6	STD500 460-837357/9	1000.0	47.890561	50.0	675132.0	0.047891	Y



Calibration / Dichlorobromomethane

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

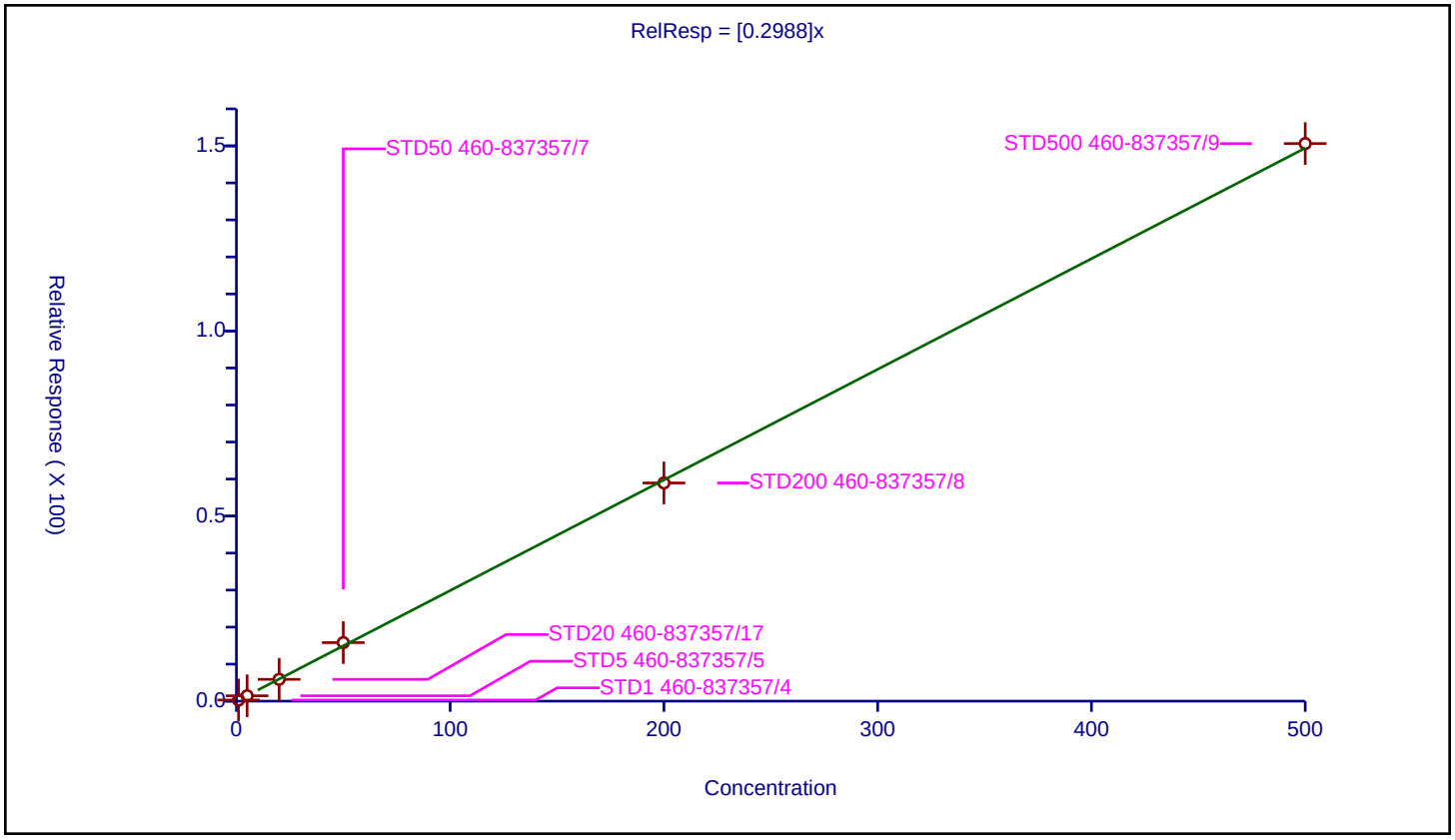
Curve Coefficients

Intercept:	0
Slope:	0.2988

Error Coefficients

Standard Error:	969000
Relative Standard Error:	3.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.296166	50.0	476085.0	0.296166	Y
2	STD5 460-837357/5	5.0	1.450403	50.0	440774.0	0.290081	Y
3	STD20 460-837357/17	20.0	5.889299	50.0	516615.0	0.294465	Y
4	STD50 460-837357/7	50.0	15.808921	50.0	497156.0	0.316178	Y
5	STD200 460-837357/8	200.0	58.94273	50.0	617865.0	0.294714	Y
6	STD500 460-837357/9	500.0	150.63432	50.0	675132.0	0.301269	Y



Calibration / n-Propyl acetate

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

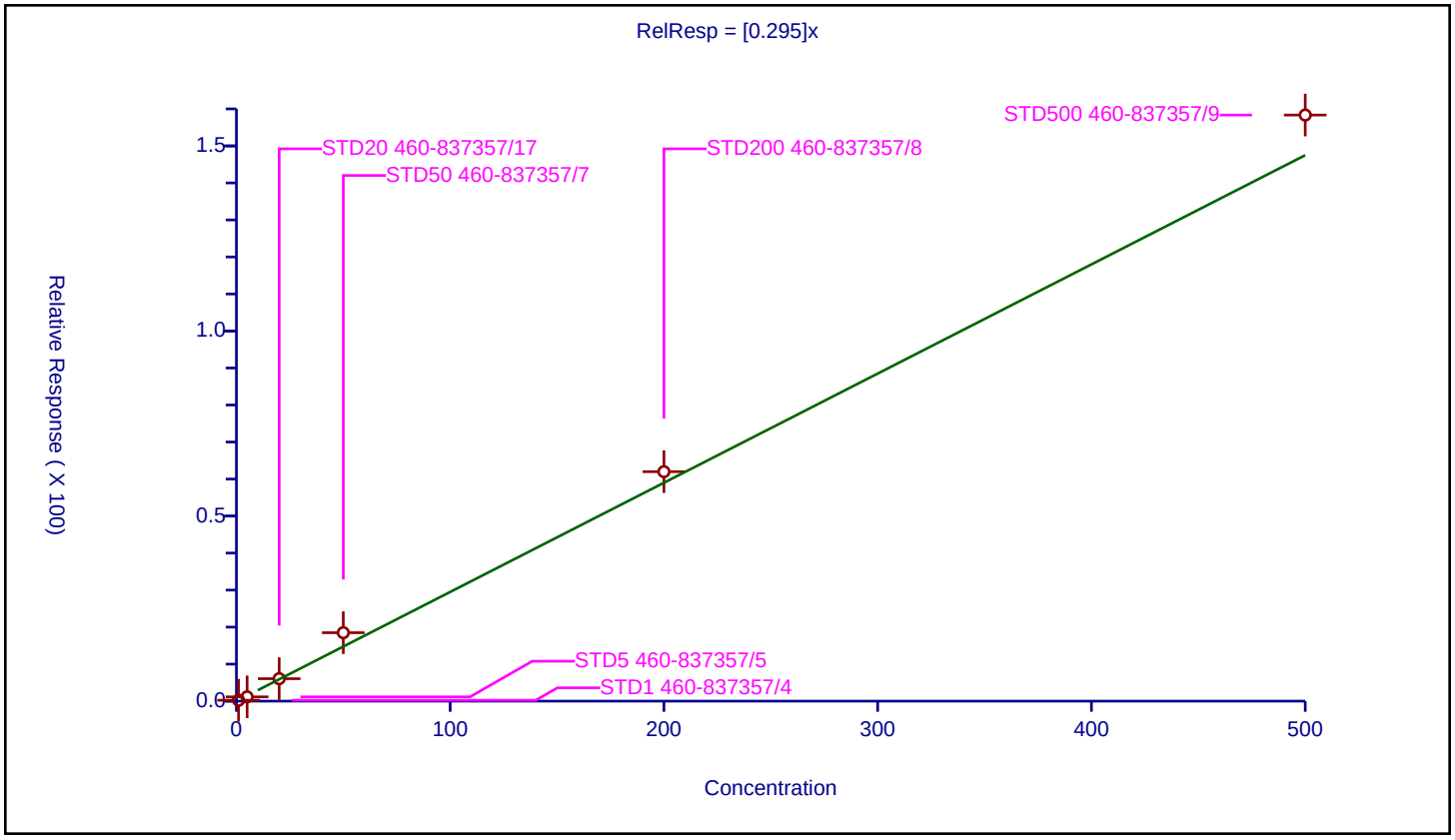
Curve Coefficients

Intercept:	0
Slope:	0.295

Error Coefficients

Standard Error:	1020000
Relative Standard Error:	17.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.239873	50.0	476085.0	0.239873	Y
2	STD5 460-837357/5	5.0	1.152632	50.0	440774.0	0.230526	Y
3	STD20 460-837357/17	20.0	6.06138	50.0	516615.0	0.303069	Y
4	STD50 460-837357/7	50.0	18.489267	50.0	497156.0	0.369785	Y
5	STD200 460-837357/8	200.0	61.992021	50.0	617865.0	0.30996	Y
6	STD500 460-837357/9	500.0	158.334518	50.0	675132.0	0.316669	Y



Calibration / 2-Nitropropane

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

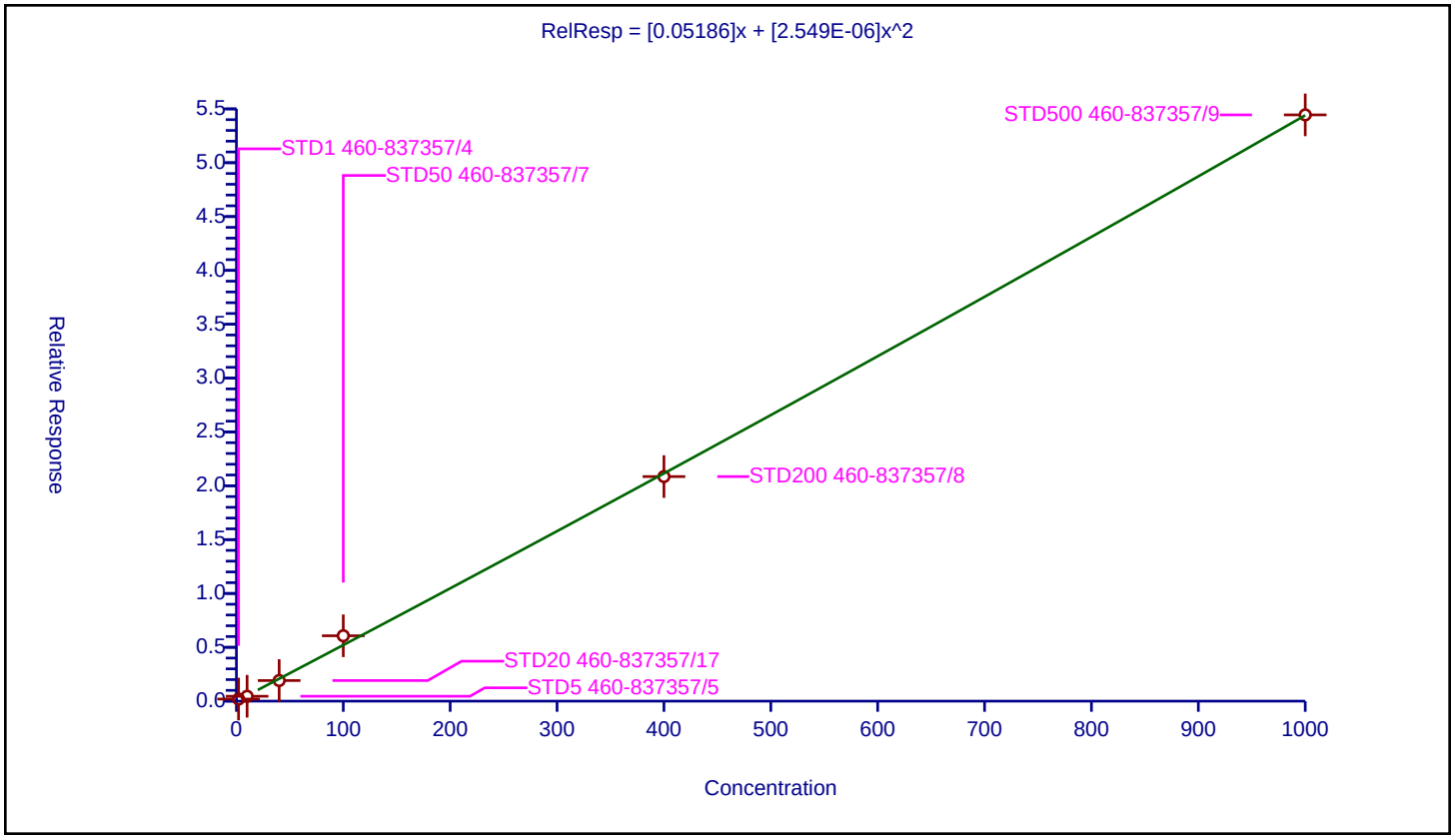
Curve Coefficients

Intercept:	0
Slope:	0.05186
Second Order:	2.549E-06

Error Coefficients

Standard Error:	391000
Relative Standard Error:	45.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	2.0	0.194398	50.0	476085.0	0.097199	Y
2	STD5 460-837357/5	10.0	0.453974	50.0	440774.0	0.045397	Y
3	STD20 460-837357/17	40.0	1.912353	50.0	516615.0	0.047809	Y
4	STD50 460-837357/7	100.0	6.071837	50.0	497156.0	0.060718	Y
5	STD200 460-837357/8	400.0	20.855689	50.0	617865.0	0.052139	Y
6	STD500 460-837357/9	1000.0	54.442909	50.0	675132.0	0.054443	Y



Calibration / 2-Chloroethyl vinyl ether

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

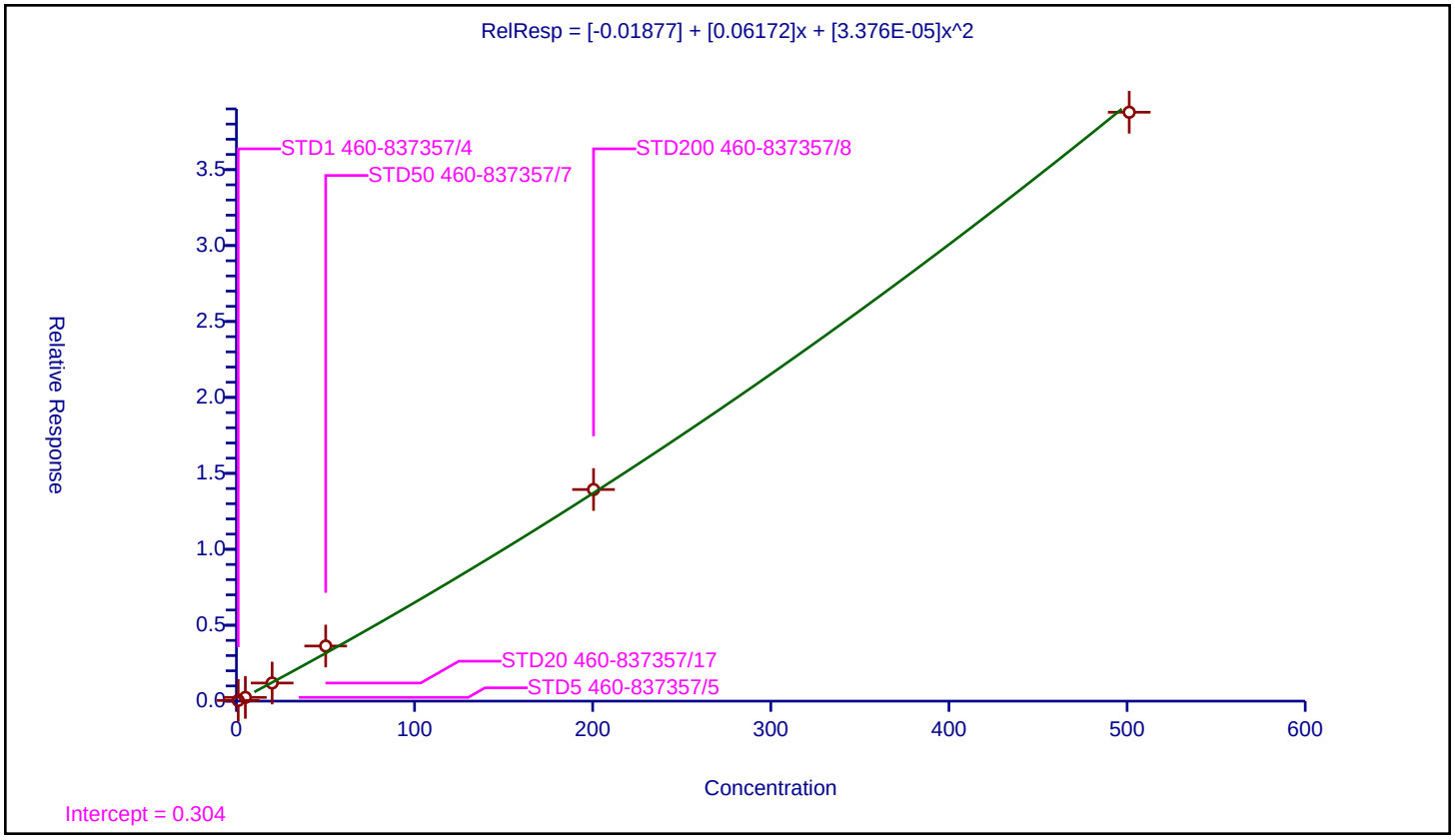
Curve Coefficients

Intercept:	-0.01877
Slope:	0.06172
Second Order:	3.376E-05

Error Coefficients

Standard Error:	319000
Relative Standard Error:	12.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0024	0.044845	50.0	476085.0	0.044738	Y
2	STD5 460-837357/5	5.012	0.246044	50.0	440774.0	0.049091	Y
3	STD20 460-837357/17	20.048	1.193055	50.0	516615.0	0.05951	Y
4	STD50 460-837357/7	50.12	3.629143	50.0	497156.0	0.072409	Y
5	STD200 460-837357/8	200.48	13.935811	50.0	617865.0	0.069512	Y
6	STD500 460-837357/9	501.2	38.780046	50.0	675132.0	0.077374	Y



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

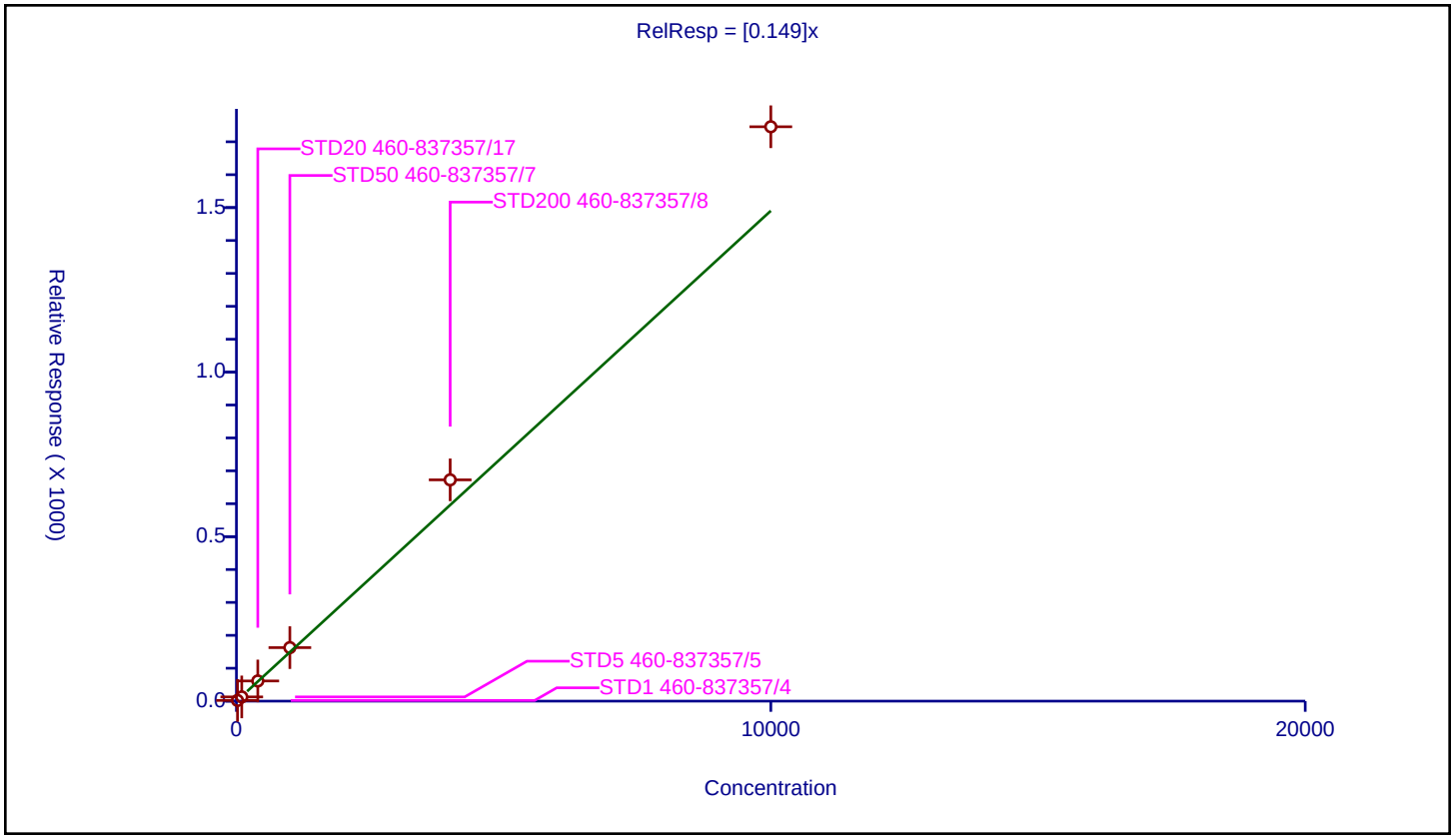
Curve Coefficients

Intercept:	0
Slope:	0.149

Error Coefficients

Standard Error:	1370000
Relative Standard Error:	17.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	20.000035	2.142729	250.0	333920.0	0.107136	Y
2	STD5 460-837357/5	100.000173	12.833692	250.0	307394.0	0.128337	Y
3	STD20 460-837357/17	400.000692	61.327507	250.0	333904.0	0.153319	Y
4	STD50 460-837357/7	1000.00173	162.675357	250.0	397760.0	0.162675	Y
5	STD200 460-837357/8	4000.00692	672.533552	250.0	379929.0	0.168133	Y
6	STD500 460-837357/9	10000.0173	1745.657597	250.0	410890.0	0.174565	Y



Calibration / cis-1,3-Dichloropropene

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

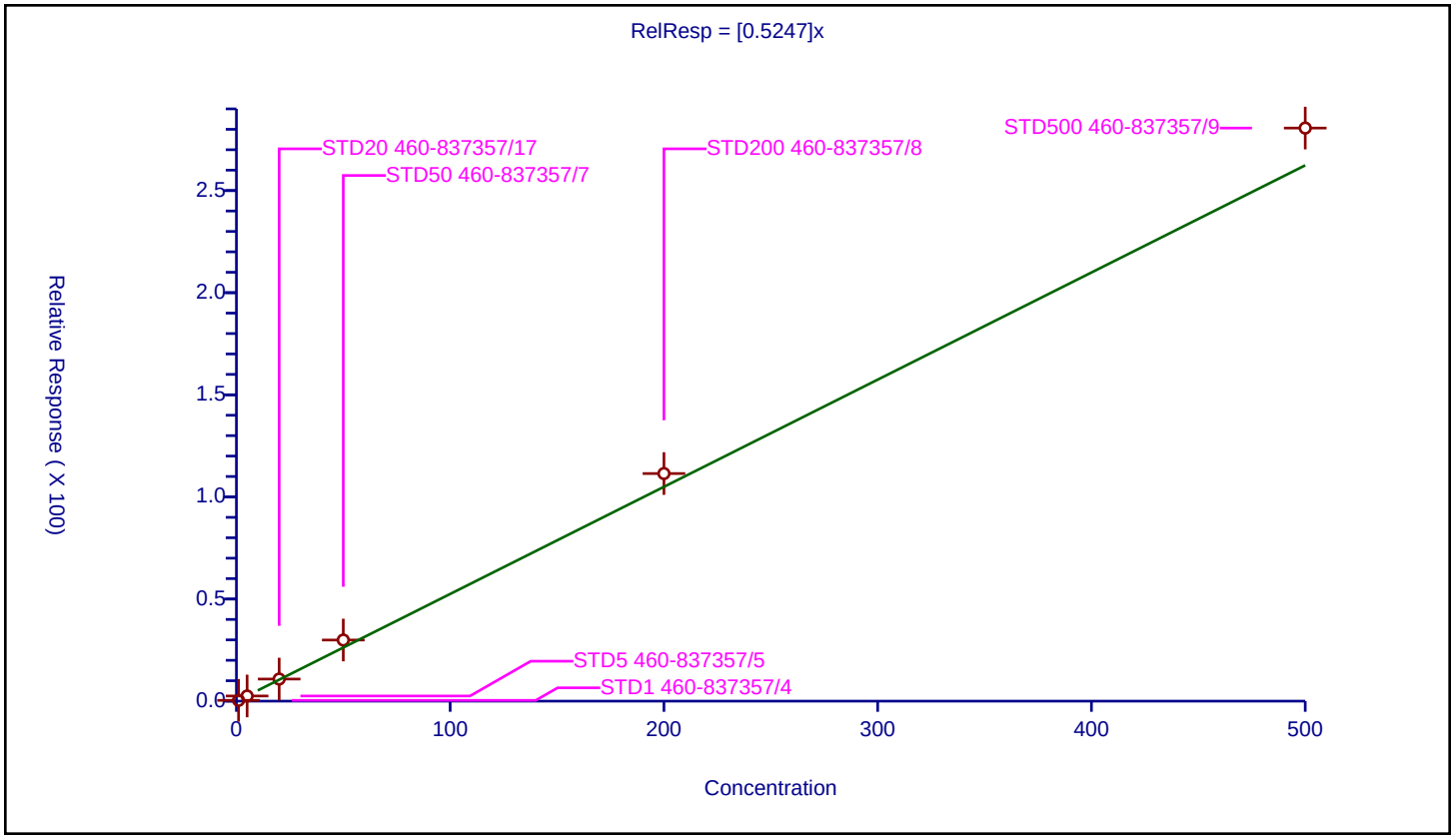
Curve Coefficients

Intercept:	0
Slope:	0.5247

Error Coefficients

Standard Error:	1190000
Relative Standard Error:	14.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.386838	50.0	331276.0	0.386838	Y
2	STD5 460-837357/5	5.0	2.518631	50.0	257640.0	0.503726	Y
3	STD20 460-837357/17	20.0	10.815147	50.0	326260.0	0.540757	Y
4	STD50 460-837357/7	50.0	29.928498	50.0	312580.0	0.59857	Y
5	STD200 460-837357/8	200.0	111.445219	50.0	401517.0	0.557226	Y
6	STD500 460-837357/9	500.0	280.610907	50.0	444683.0	0.561222	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

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

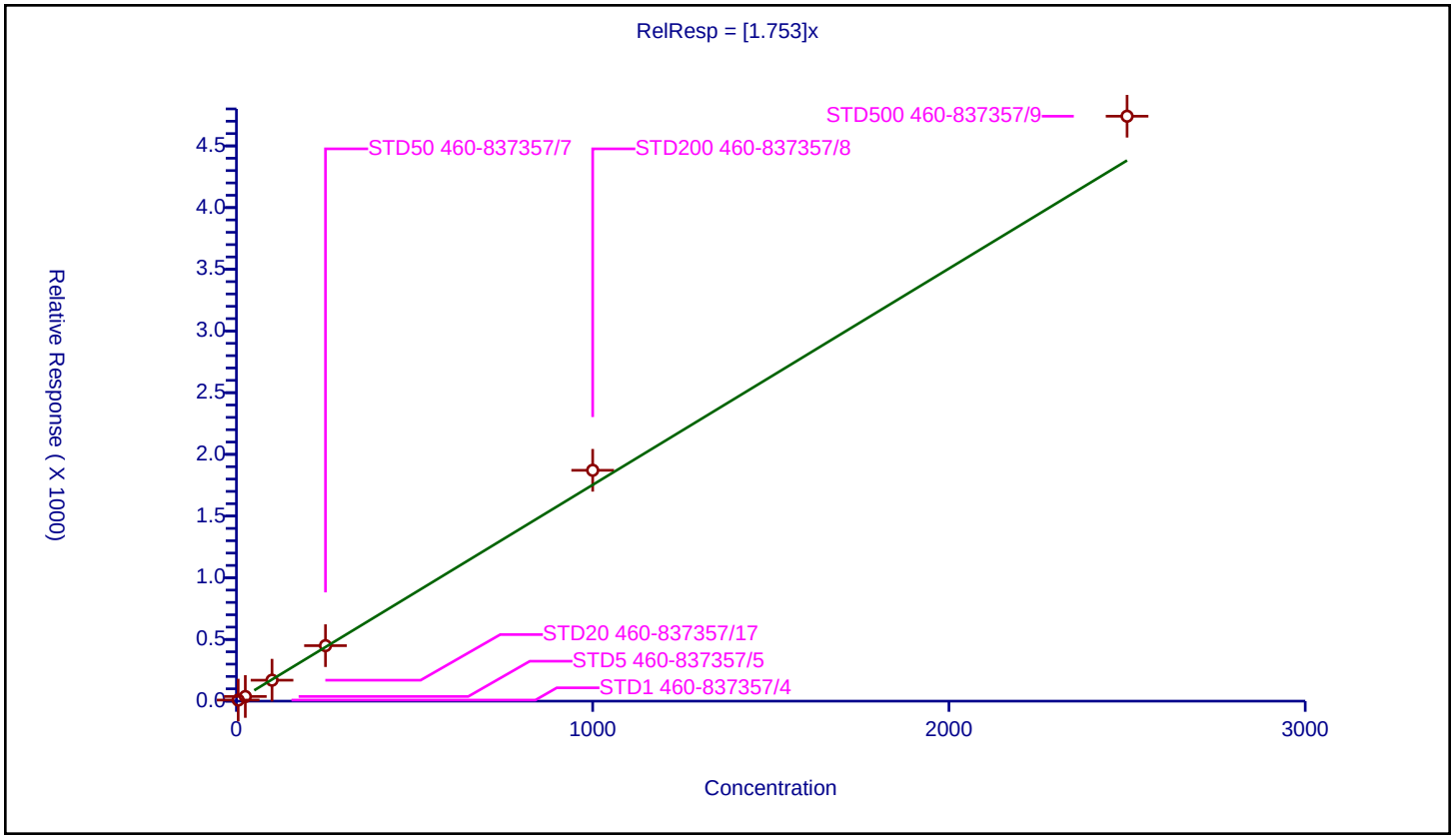
Curve Coefficients

Intercept:	0
Slope:	1.753

Error Coefficients

Standard Error:	3720000
Relative Standard Error:	8.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	5.0	8.722898	250.0	333920.0	1.74458	Y
2	STD5 460-837357/5	25.0	37.731706	250.0	307394.0	1.509268	Y
3	STD20 460-837357/17	100.0	169.756128	250.0	333904.0	1.697561	Y
4	STD50 460-837357/7	250.0	449.718423	250.0	397760.0	1.798874	Y
5	STD200 460-837357/8	1000.0	1871.014716	250.0	379929.0	1.871015	Y
6	STD500 460-837357/9	2500.0	4740.653216	250.0	410890.0	1.896261	Y



Calibration / Toluene-d8 (Surr)

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

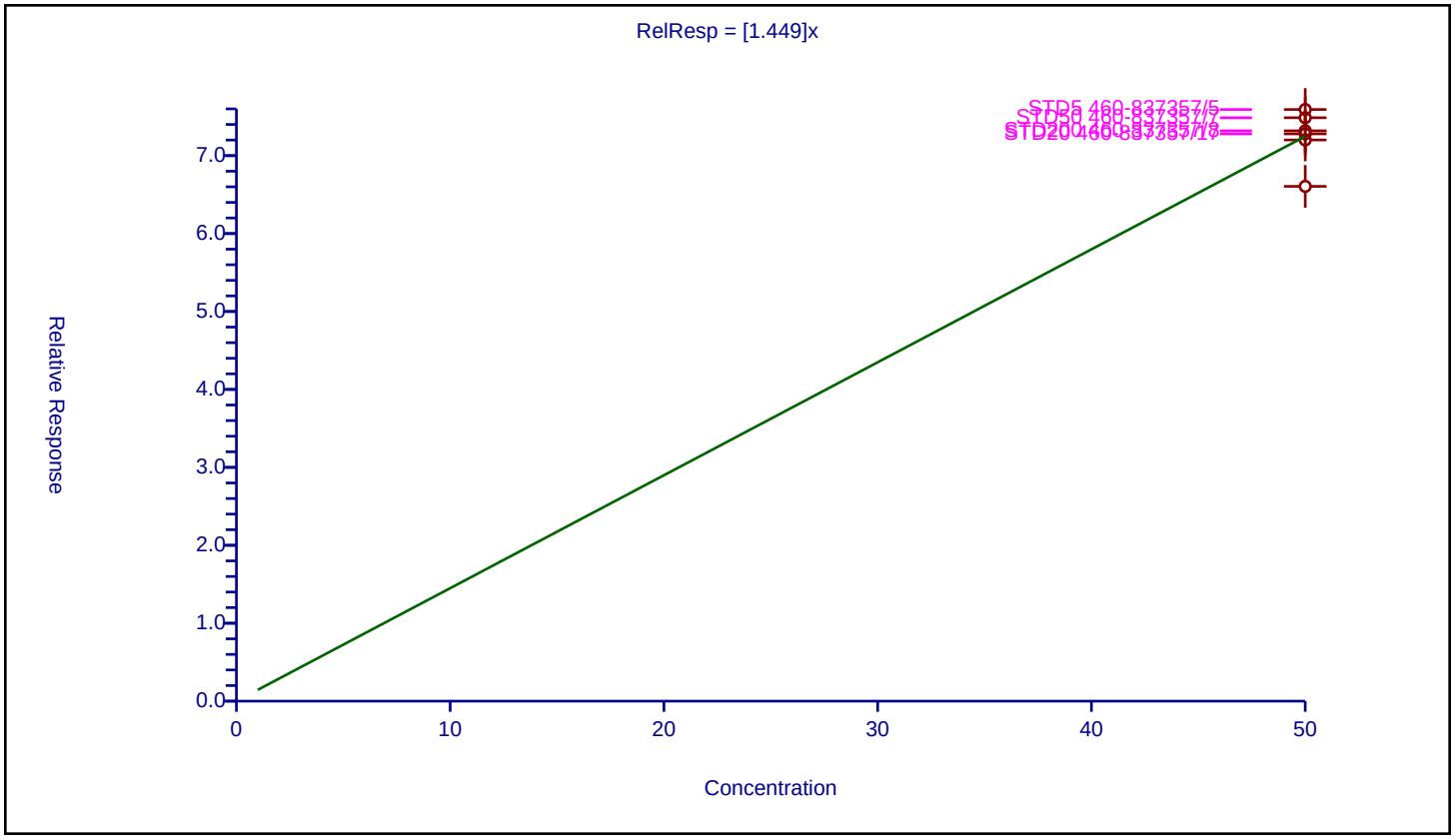
Curve Coefficients

Intercept:	0
Slope:	1.449

Error Coefficients

Standard Error:	556000
Relative Standard Error:	4.8
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	50.0	66.057155	50.0	331276.0	1.321143	Y
2	STD5 460-837357/5	50.0	75.920664	50.0	257640.0	1.518413	Y
3	STD50 460-837357/7	50.0	74.863715	50.0	312580.0	1.497274	Y
4	STD200 460-837357/8	50.0	73.185569	50.0	401517.0	1.463711	Y
5	STD500 460-837357/9	50.0	72.009949	50.0	444683.0	1.440199	Y
6	STD20 460-837357/17	50.0	72.79547	50.0	326260.0	1.455909	Y



Calibration / Toluene

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

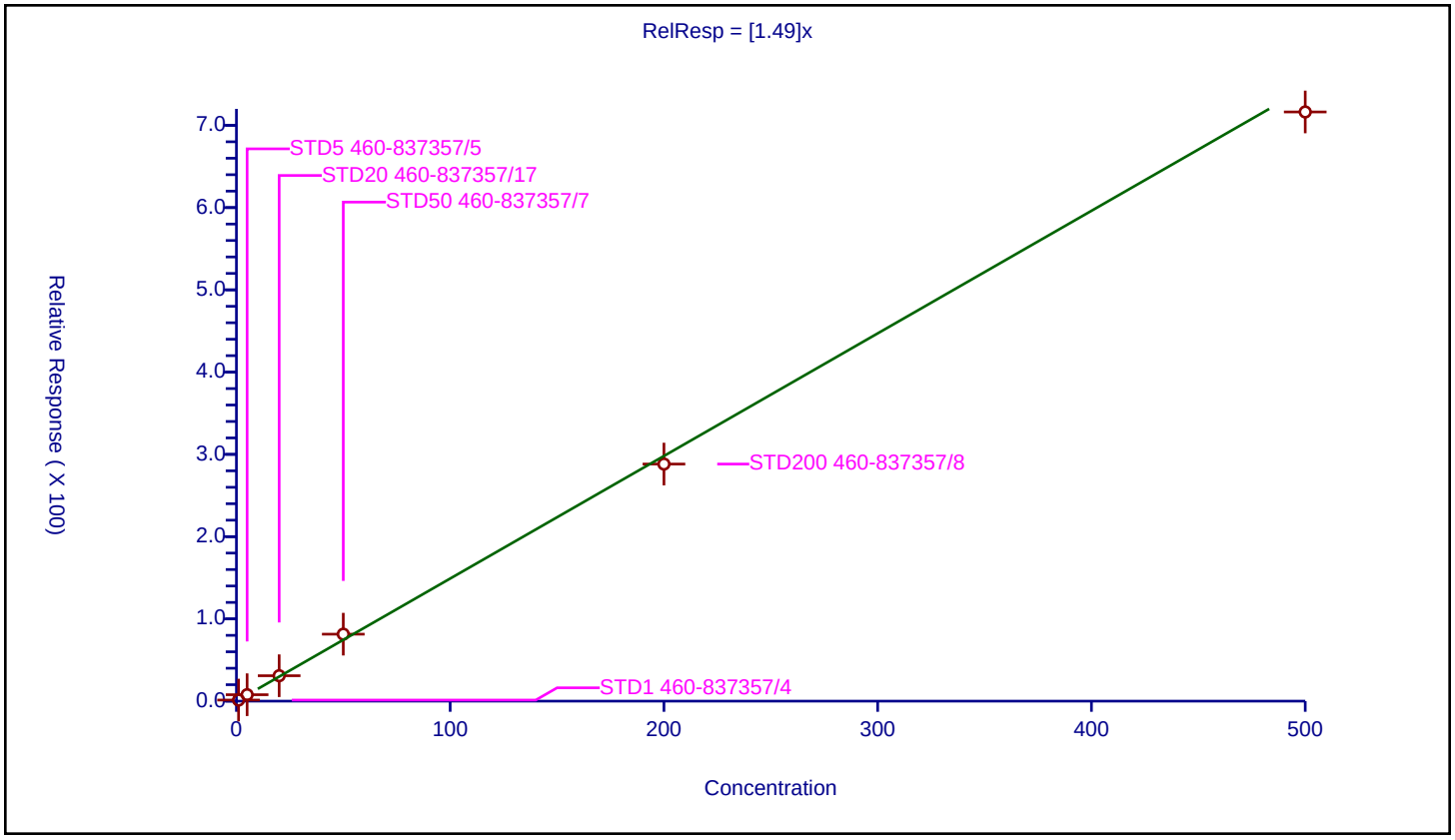
Curve Coefficients

Intercept:	0
Slope:	1.49

Error Coefficients

Standard Error:	3040000
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	1.32699	50.0	331276.0	1.32699	Y
2	STD5 460-837357/5	5.0	7.835352	50.0	257640.0	1.56707	Y
3	STD20 460-837357/17	20.0	30.901122	50.0	326260.0	1.545056	Y
4	STD50 460-837357/7	50.0	81.428274	50.0	312580.0	1.628565	Y
5	STD200 460-837357/8	200.0	288.229888	50.0	401517.0	1.441149	Y
6	STD500 460-837357/9	500.0	716.283622	50.0	444683.0	1.432567	Y



Calibration / trans-1,3-Dichloropropene

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

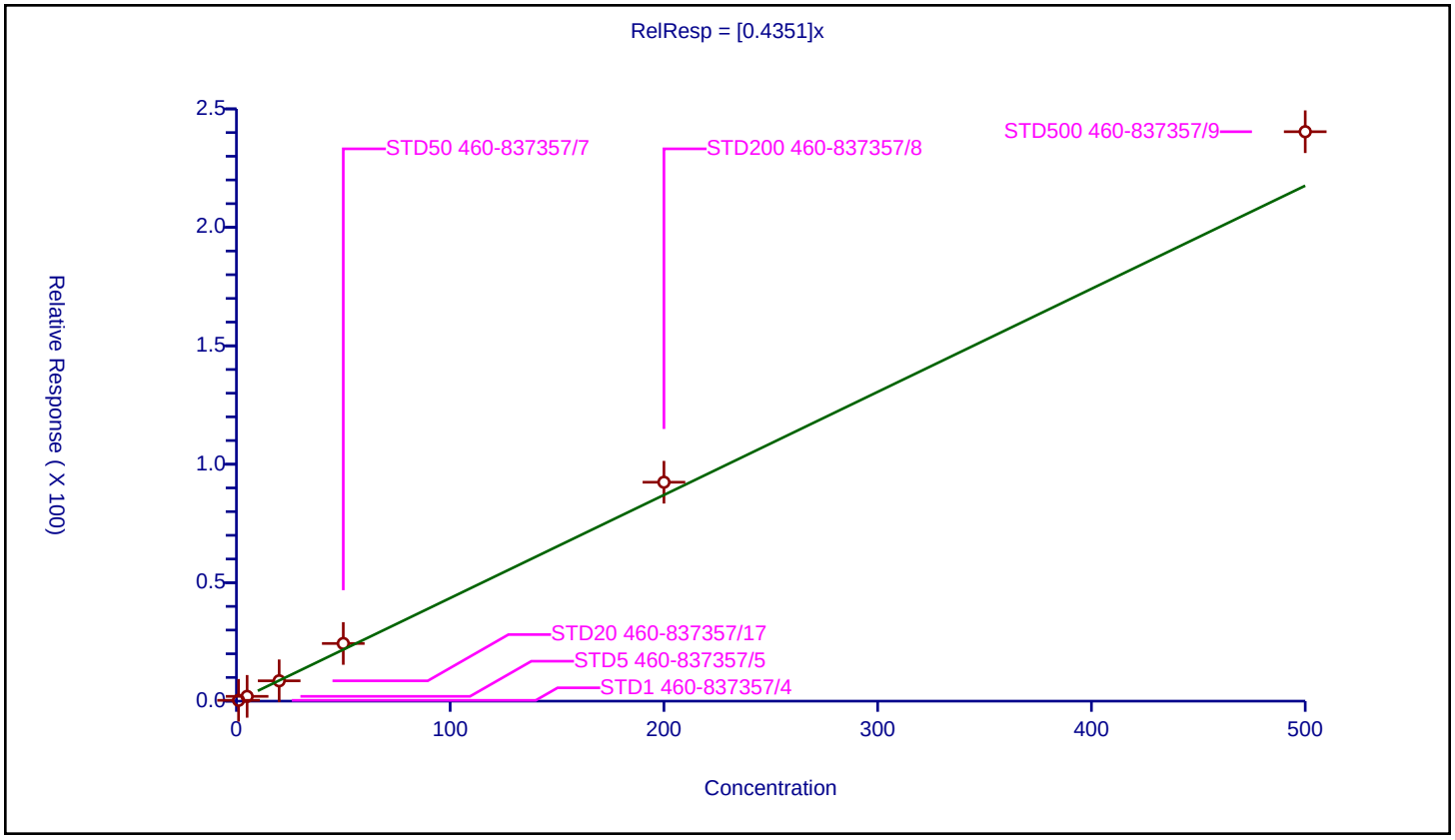
Curve Coefficients

Intercept:	0
Slope:	0.4351

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	12.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.347444	50.0	331276.0	0.347444	Y
2	STD5 460-837357/5	5.0	2.022396	50.0	257640.0	0.404479	Y
3	STD20 460-837357/17	20.0	8.586403	50.0	326260.0	0.42932	Y
4	STD50 460-837357/7	50.0	24.341928	50.0	312580.0	0.486839	Y
5	STD200 460-837357/8	200.0	92.413024	50.0	401517.0	0.462065	Y
6	STD500 460-837357/9	500.0	240.368645	50.0	444683.0	0.480737	Y



Calibration / 1,1,2-Trichloroethane

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

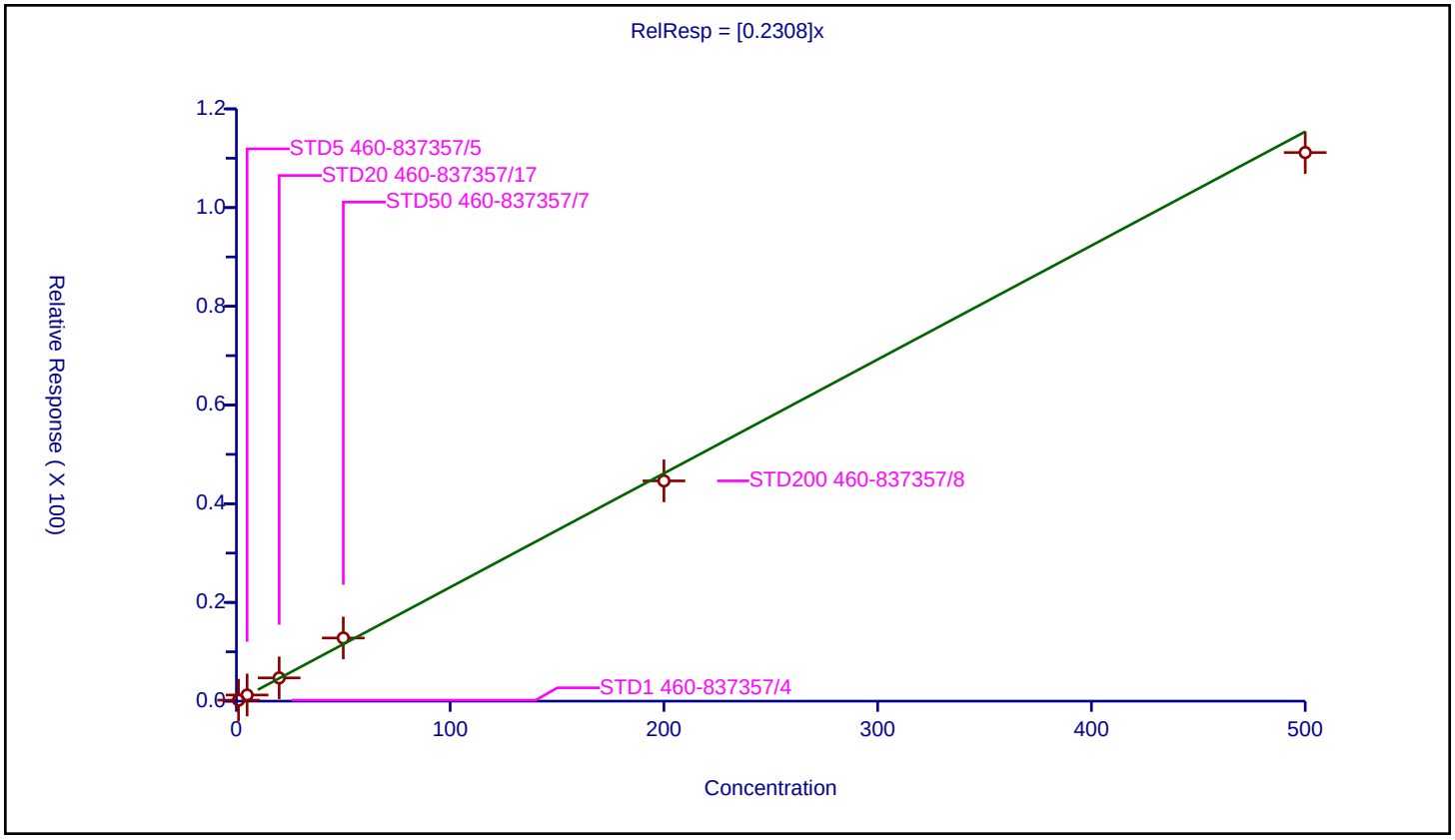
Curve Coefficients

Intercept:	0
Slope:	0.2308

Error Coefficients

Standard Error:	472000
Relative Standard Error:	8.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.199532	50.0	331276.0	0.199532	Y
2	STD5 460-837357/5	5.0	1.241655	50.0	257640.0	0.248331	Y
3	STD20 460-837357/17	20.0	4.708515	50.0	326260.0	0.235426	Y
4	STD50 460-837357/7	50.0	12.794805	50.0	312580.0	0.255896	Y
5	STD200 460-837357/8	200.0	44.624138	50.0	401517.0	0.223121	Y
6	STD500 460-837357/9	500.0	111.150415	50.0	444683.0	0.222301	Y



Calibration / Ethyl methacrylate

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

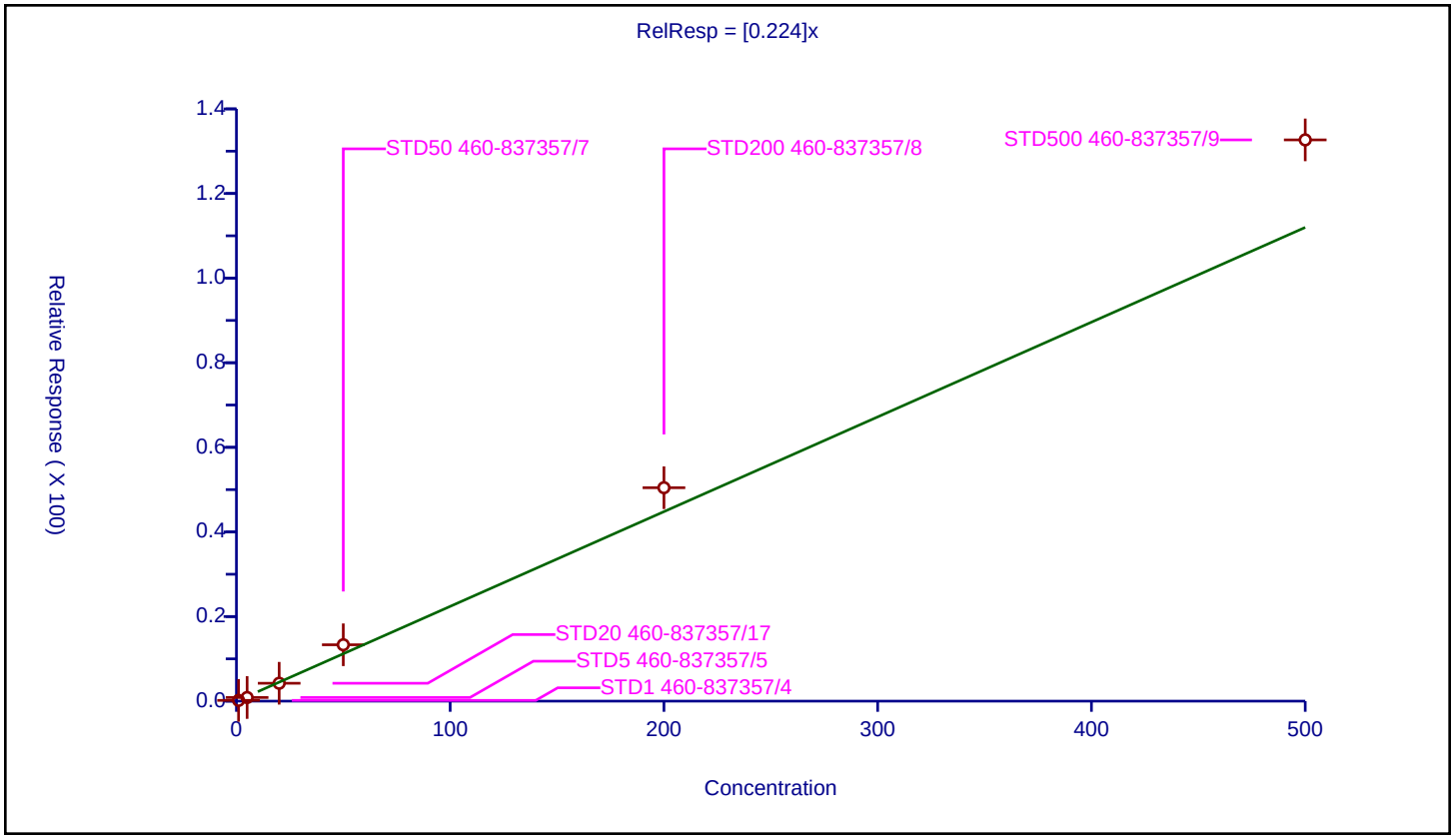
Curve Coefficients

Intercept:	0
Slope:	0.224

Error Coefficients

Standard Error:	851000
Relative Standard Error:	19.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.176439	50.0	476085.0	0.176439	Y
2	STD5 460-837357/5	5.0	0.85917	50.0	440774.0	0.171834	Y
3	STD20 460-837357/17	20.0	4.227713	50.0	516615.0	0.211386	Y
4	STD50 460-837357/7	50.0	13.325596	50.0	497156.0	0.266512	Y
5	STD200 460-837357/8	200.0	50.455439	50.0	617865.0	0.252277	Y
6	STD500 460-837357/9	500.0	132.670574	50.0	675132.0	0.265341	Y



Calibration / Tetrachloroethene

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

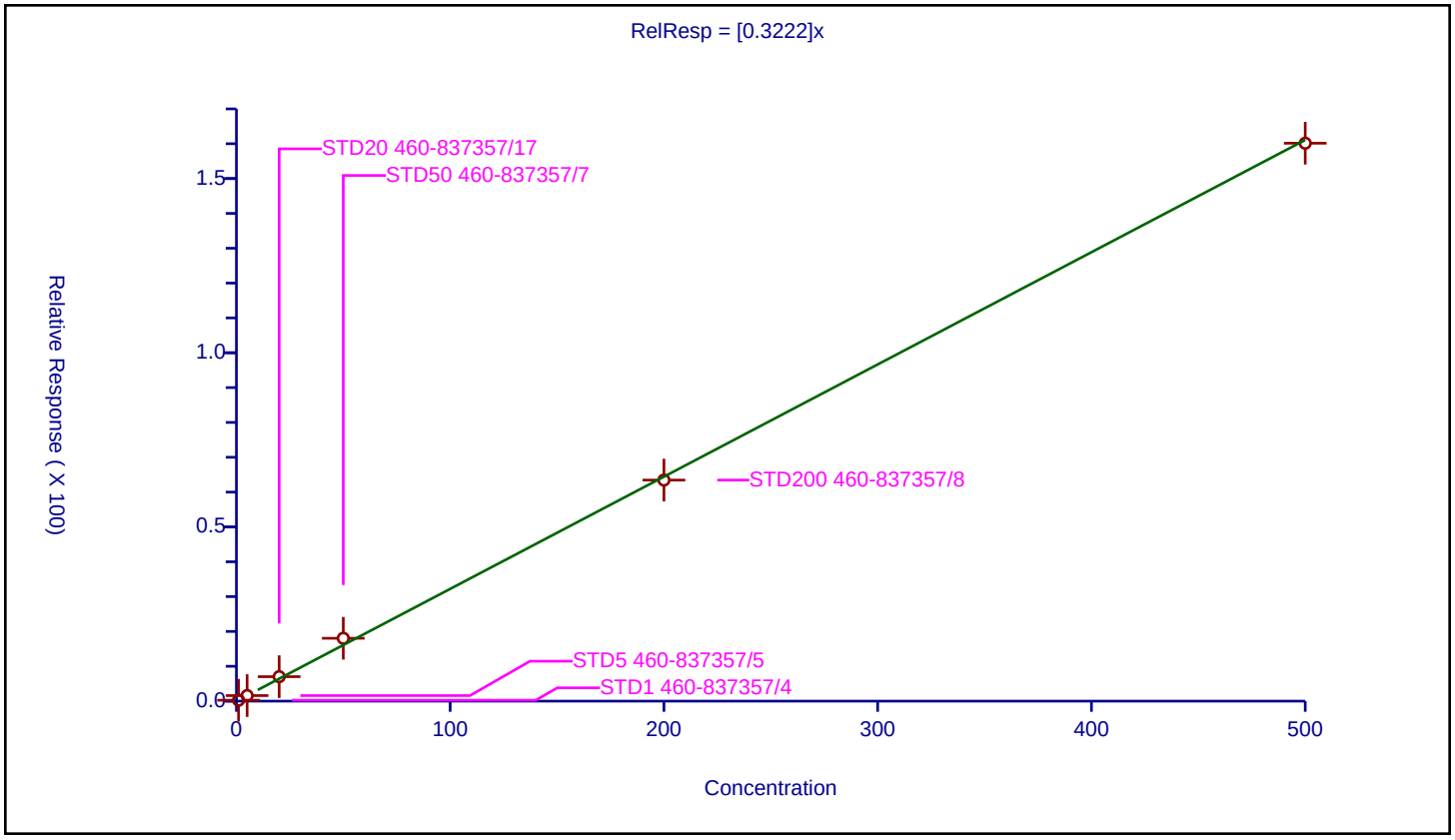
Curve Coefficients

Intercept:	0
Slope:	0.3222

Error Coefficients

Standard Error:	679000
Relative Standard Error:	10.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.264885	50.0	331276.0	0.264885	Y
2	STD5 460-837357/5	5.0	1.591756	50.0	257640.0	0.318351	Y
3	STD20 460-837357/17	20.0	7.024766	50.0	326260.0	0.351238	Y
4	STD50 460-837357/7	50.0	18.044021	50.0	312580.0	0.36088	Y
5	STD200 460-837357/8	200.0	63.453602	50.0	401517.0	0.317268	Y
6	STD500 460-837357/9	500.0	160.145429	50.0	444683.0	0.320291	Y



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

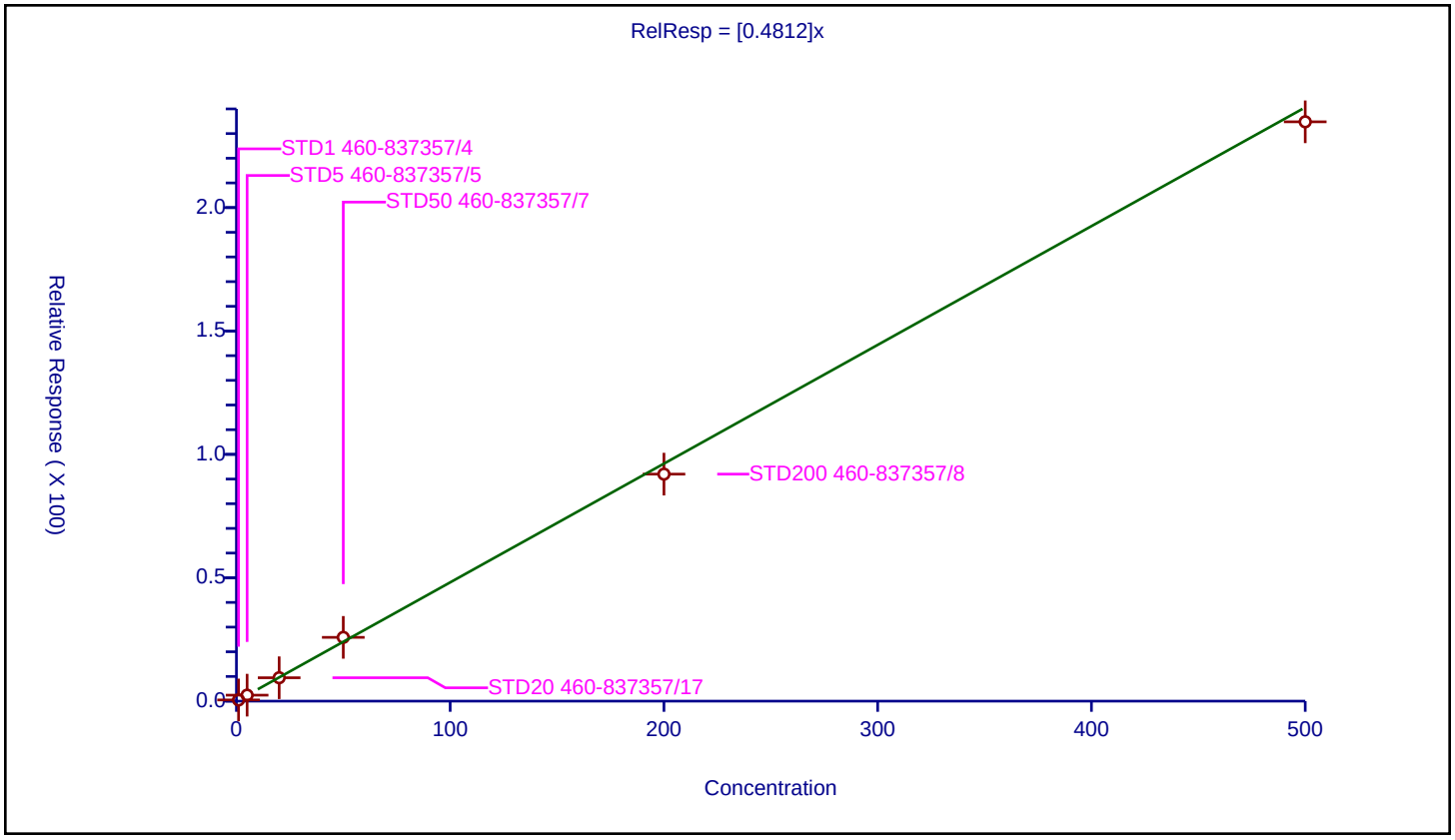
Curve Coefficients

Intercept:	0
Slope:	0.4812

Error Coefficients

Standard Error:	993000
Relative Standard Error:	4.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.481472	50.0	331276.0	0.481472	Y
2	STD5 460-837357/5	5.0	2.42606	50.0	257640.0	0.485212	Y
3	STD20 460-837357/17	20.0	9.483541	50.0	326260.0	0.474177	Y
4	STD50 460-837357/7	50.0	25.843304	50.0	312580.0	0.516866	Y
5	STD200 460-837357/8	200.0	91.99872	50.0	401517.0	0.459994	Y
6	STD500 460-837357/9	500.0	234.769825	50.0	444683.0	0.46954	Y



Calibration / 2-Hexanone

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

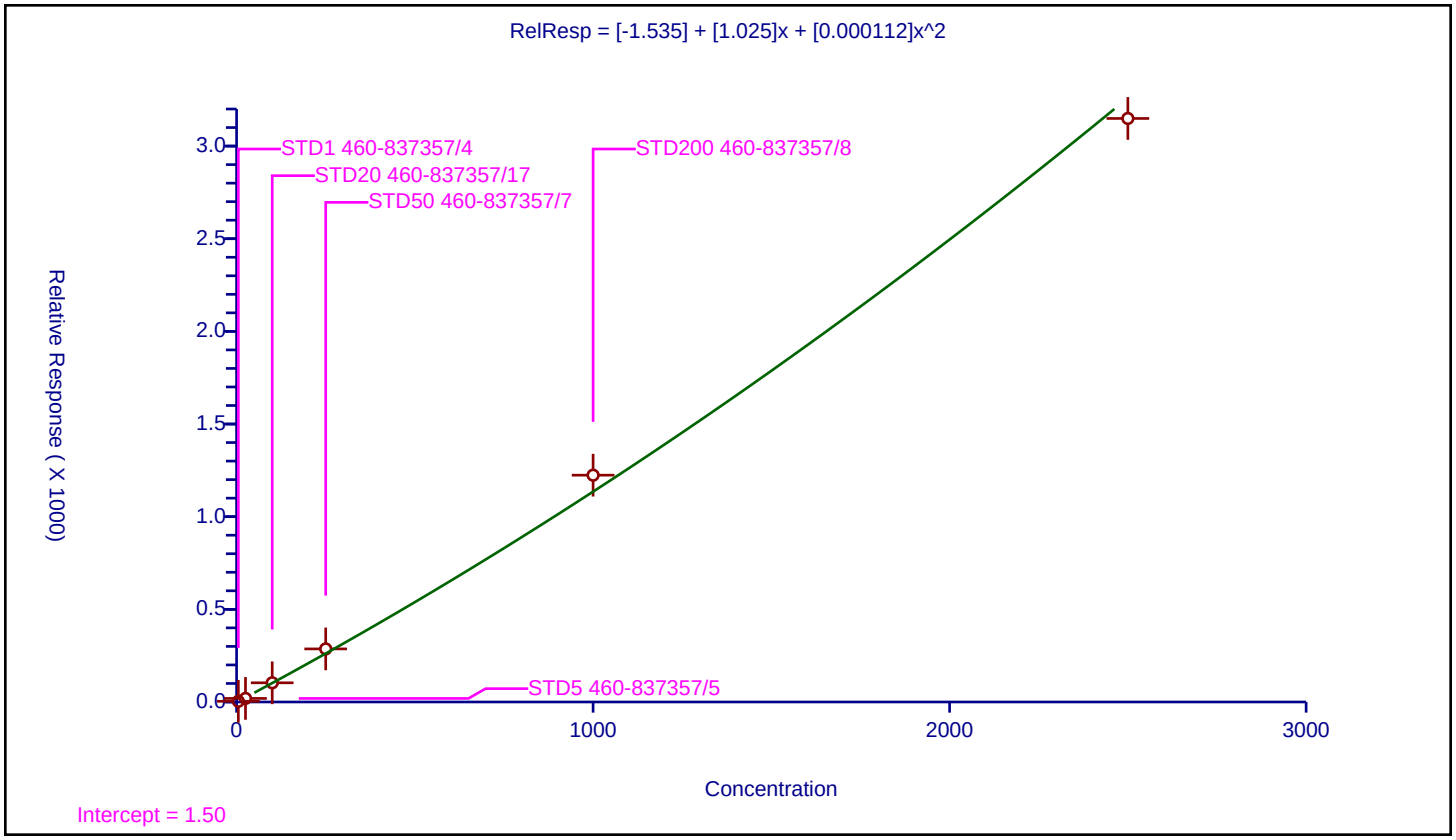
Curve Coefficients

Intercept:	-1.535
Slope:	1.025
Second Order:	0.000112

Error Coefficients

Standard Error:	3190000
Relative Standard Error:	13.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	5.0	3.769615	250.0	333920.0	0.753923	Y
2	STD5 460-837357/5	25.0	19.274937	250.0	307394.0	0.770997	Y
3	STD20 460-837357/17	100.0	103.52826	250.0	333904.0	1.035283	Y
4	STD50 460-837357/7	250.0	286.449744	250.0	397760.0	1.145799	Y
5	STD200 460-837357/8	1000.0	1224.058311	250.0	379929.0	1.224058	Y
6	STD500 460-837357/9	2500.0	3149.0551	250.0	410890.0	1.259622	Y



Calibration / Chlorodibromomethane

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

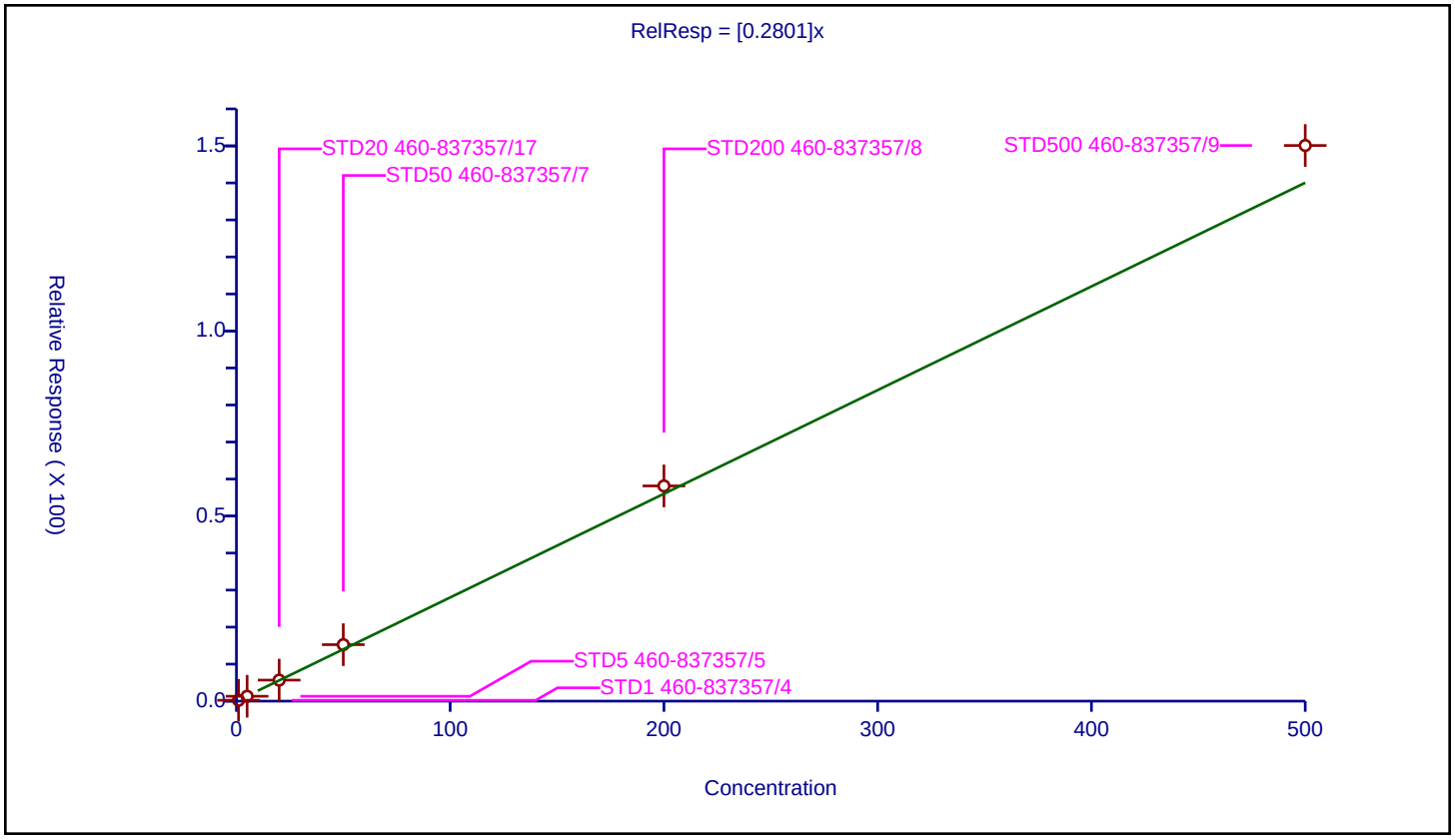
Curve Coefficients

Intercept:	0
Slope:	0.2801

Error Coefficients

Standard Error:	634000
Relative Standard Error:	9.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.235755	50.0	331276.0	0.235755	Y
2	STD5 460-837357/5	5.0	1.323358	50.0	257640.0	0.264672	Y
3	STD20 460-837357/17	20.0	5.680286	50.0	326260.0	0.284014	Y
4	STD50 460-837357/7	50.0	15.256734	50.0	312580.0	0.305135	Y
5	STD200 460-837357/8	200.0	58.145608	50.0	401517.0	0.290728	Y
6	STD500 460-837357/9	500.0	150.115363	50.0	444683.0	0.300231	Y



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

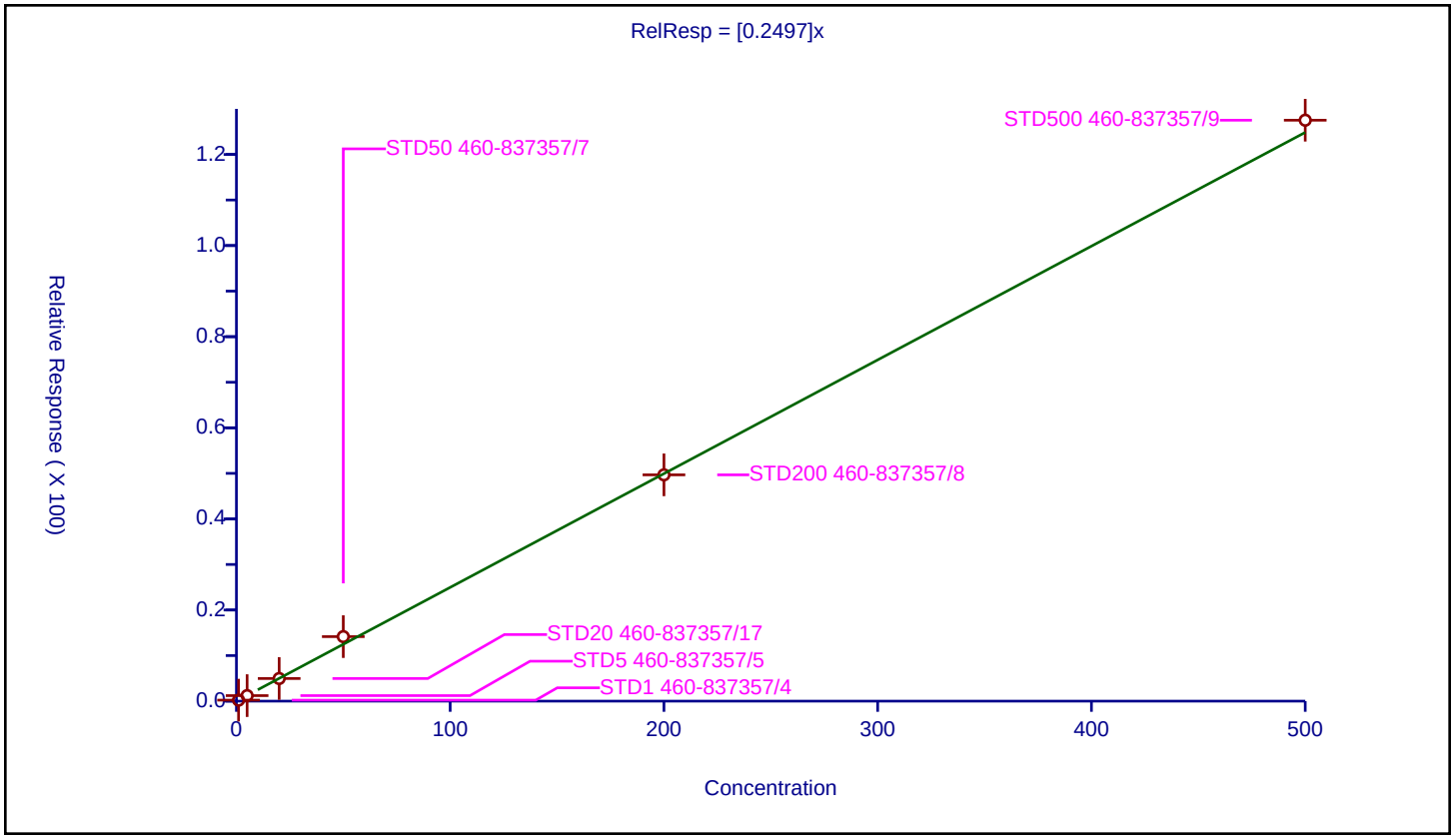
Curve Coefficients

Intercept:	0
Slope:	0.2497

Error Coefficients

Standard Error:	539000
Relative Standard Error:	8.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.22036	50.0	331276.0	0.22036	Y
2	STD5 460-837357/5	5.0	1.213127	50.0	257640.0	0.242625	Y
3	STD20 460-837357/17	20.0	4.96889	50.0	326260.0	0.248444	Y
4	STD50 460-837357/7	50.0	14.162774	50.0	312580.0	0.283255	Y
5	STD200 460-837357/8	200.0	49.67436	50.0	401517.0	0.248372	Y
6	STD500 460-837357/9	500.0	127.514432	50.0	444683.0	0.255029	Y



Calibration / n-Butyl acetate

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

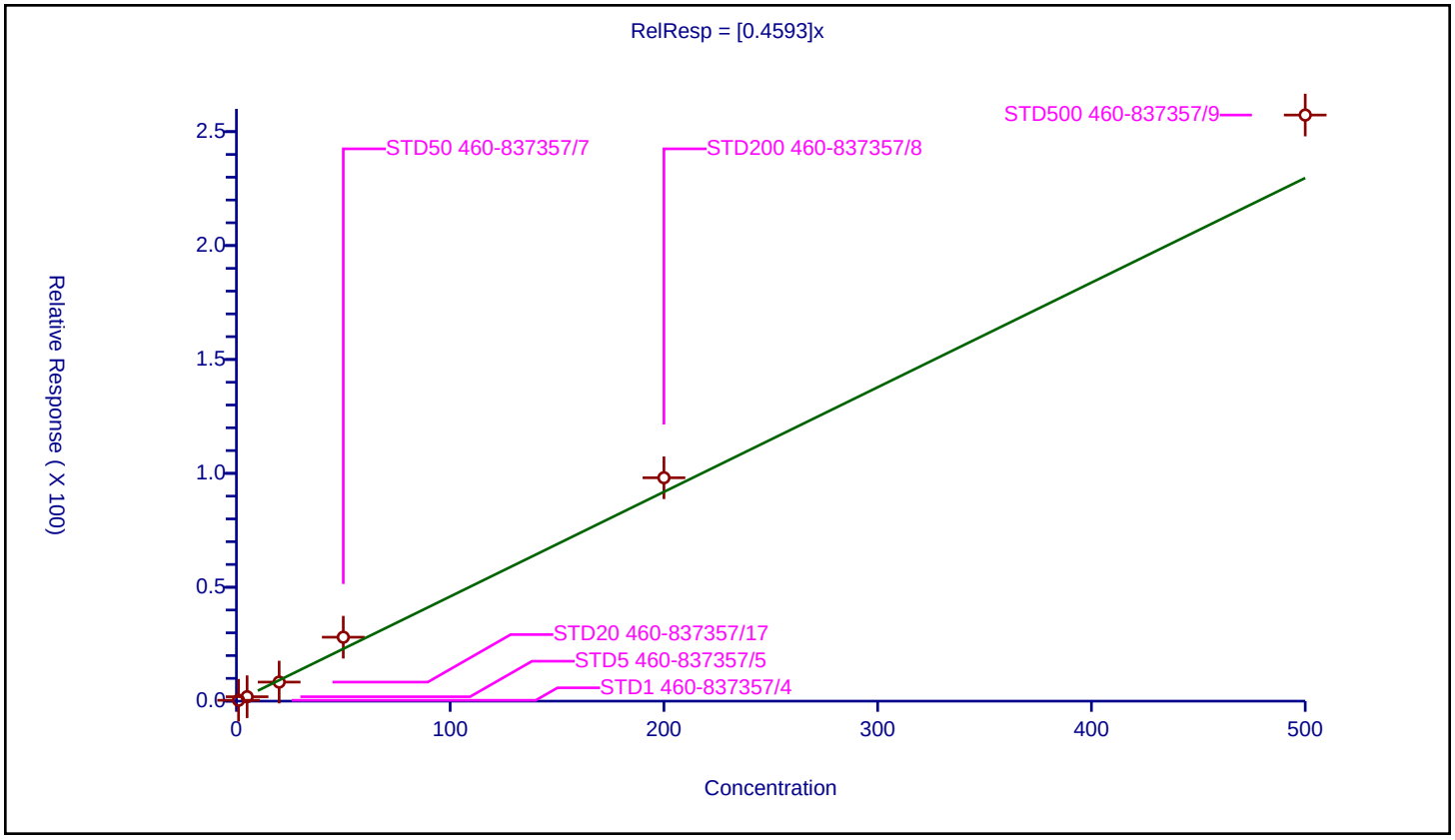
Curve Coefficients

Intercept:	0
Slope:	0.4593

Error Coefficients

Standard Error:	1090000
Relative Standard Error:	16.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.385479	50.0	331276.0	0.385479	Y
2	STD5 460-837357/5	5.0	1.929825	50.0	257640.0	0.385965	Y
3	STD20 460-837357/17	20.0	8.365567	50.0	326260.0	0.418278	Y
4	STD50 460-837357/7	50.0	28.068814	50.0	312580.0	0.561376	Y
5	STD200 460-837357/8	200.0	98.071065	50.0	401517.0	0.490355	Y
6	STD500 460-837357/9	500.0	257.302393	50.0	444683.0	0.514605	Y



Calibration / Chlorobenzene

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

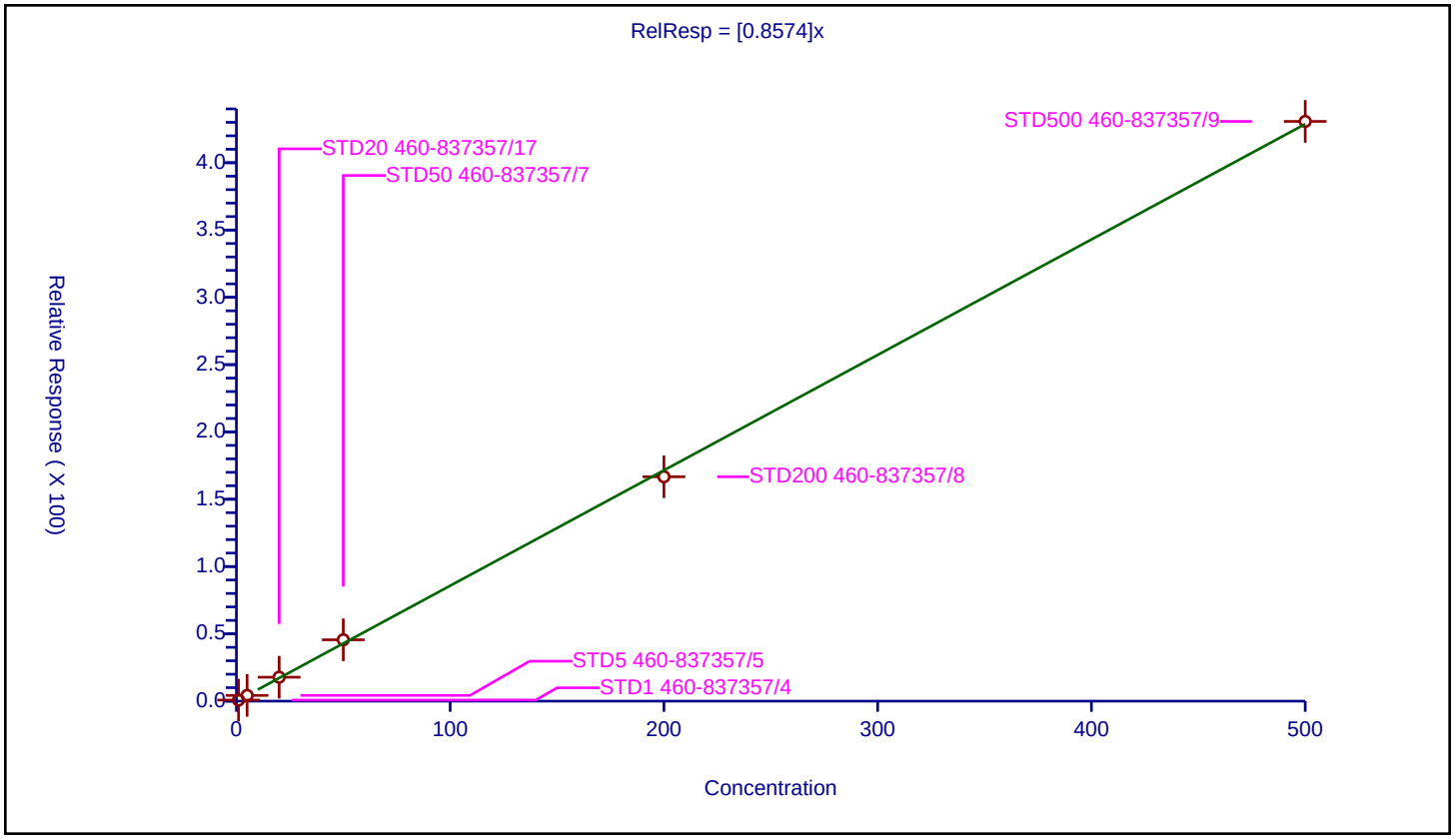
Curve Coefficients

Intercept:	0
Slope:	0.8574

Error Coefficients

Standard Error:	1820000
Relative Standard Error:	4.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.797371	50.0	331276.0	0.797371	Y
2	STD5 460-837357/5	5.0	4.257685	50.0	257640.0	0.851537	Y
3	STD20 460-837357/17	20.0	17.786581	50.0	326260.0	0.889329	Y
4	STD50 460-837357/7	50.0	45.577452	50.0	312580.0	0.911549	Y
5	STD200 460-837357/8	200.0	166.698297	50.0	401517.0	0.833491	Y
6	STD500 460-837357/9	500.0	430.703332	50.0	444683.0	0.861407	Y



Calibration / 1,1,1,2-Tetrachloroethane

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

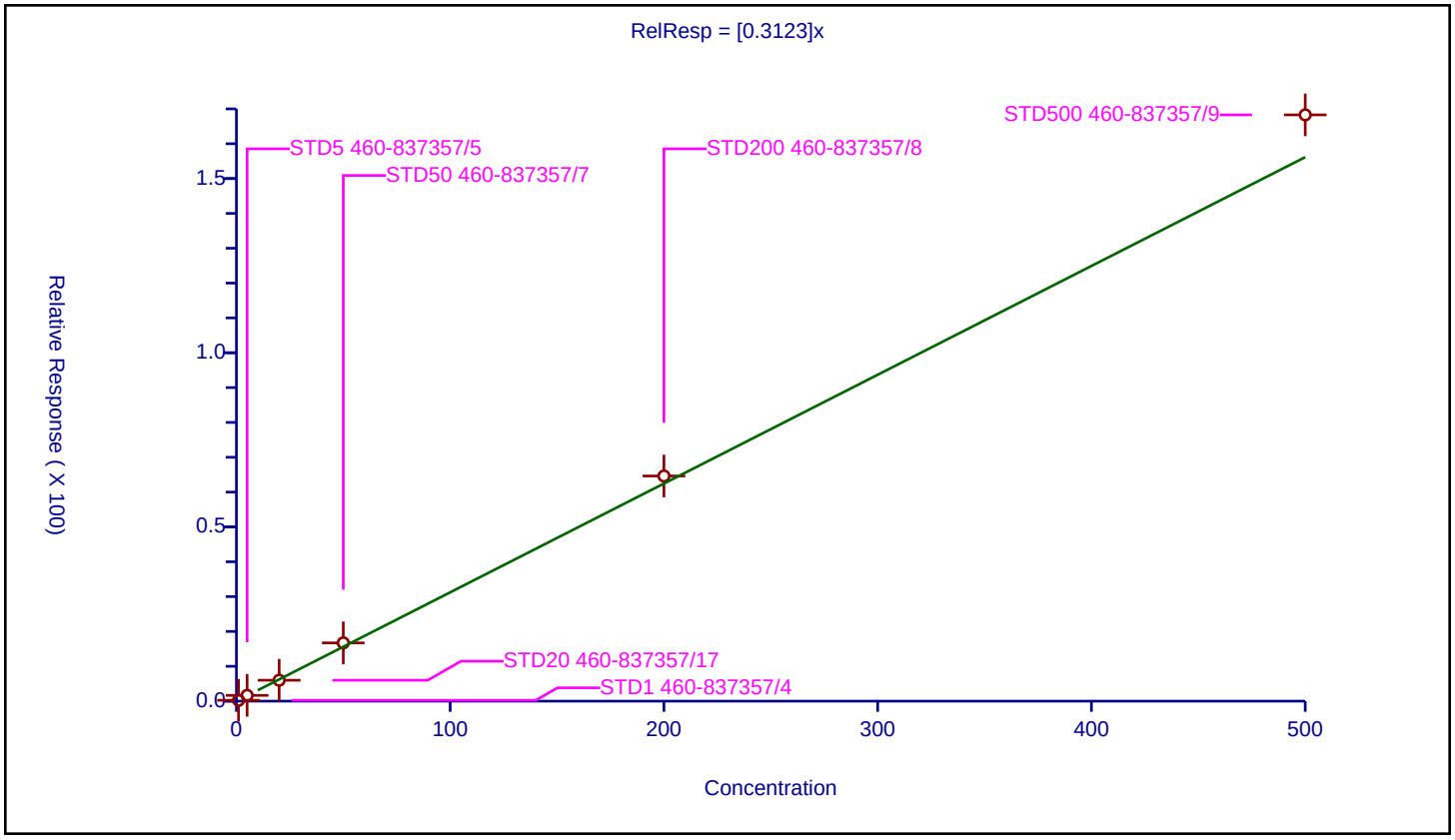
Curve Coefficients

Intercept:	0
Slope:	0.3123

Error Coefficients

Standard Error:	710000
Relative Standard Error:	10.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.248282	50.0	331276.0	0.248282	Y
2	STD5 460-837357/5	5.0	1.655411	50.0	257640.0	0.331082	Y
3	STD20 460-837357/17	20.0	6.004107	50.0	326260.0	0.300205	Y
4	STD50 460-837357/7	50.0	16.721159	50.0	312580.0	0.334423	Y
5	STD200 460-837357/8	200.0	64.628148	50.0	401517.0	0.323141	Y
6	STD500 460-837357/9	500.0	168.2819	50.0	444683.0	0.336564	Y



Calibration / Ethylbenzene

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

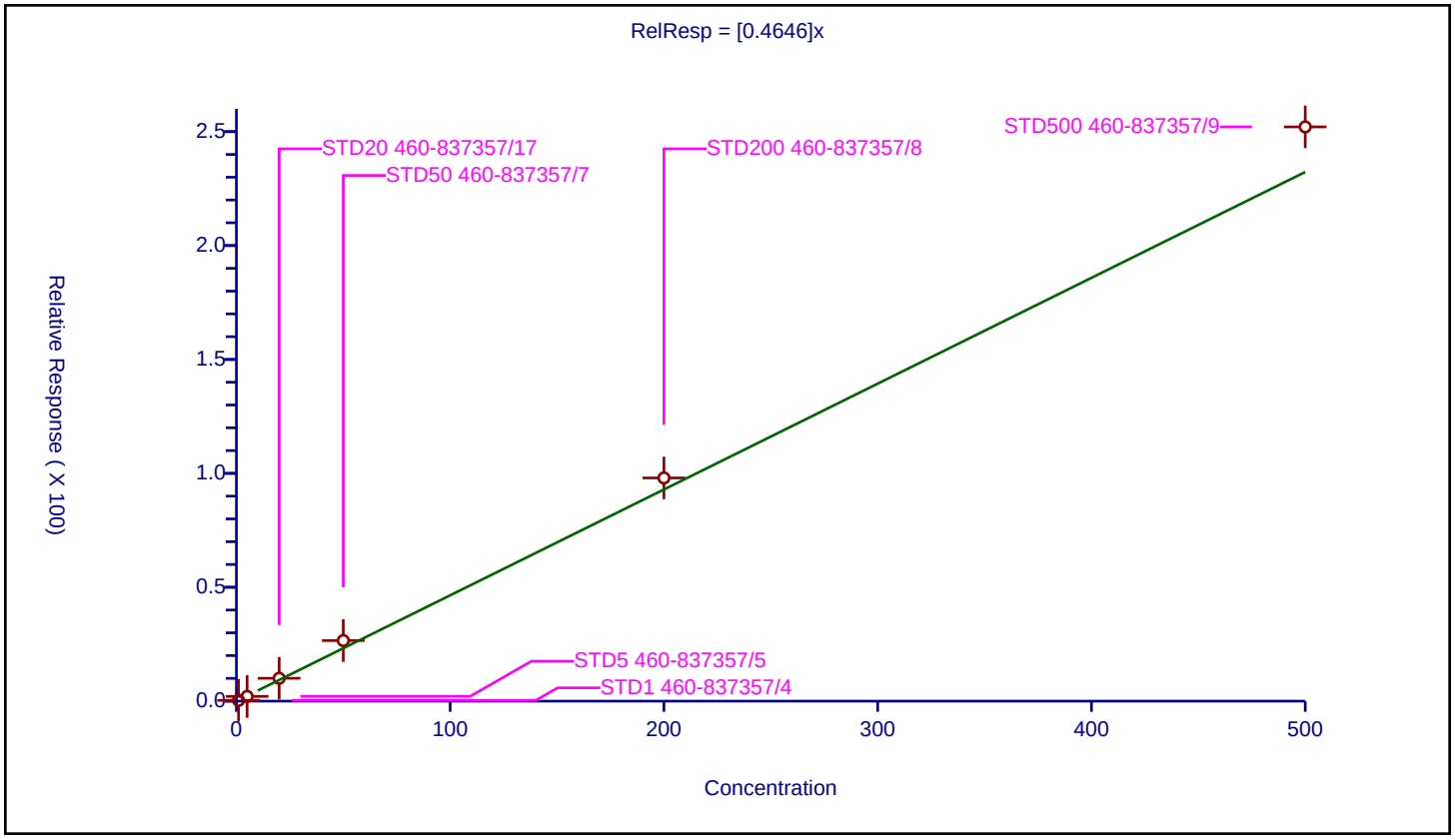
Curve Coefficients

Intercept:	0
Slope:	0.4646

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	15.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.343822	50.0	331276.0	0.343822	Y
2	STD5 460-837357/5	5.0	2.07984	50.0	257640.0	0.415968	Y
3	STD20 460-837357/17	20.0	10.034022	50.0	326260.0	0.501701	Y
4	STD50 460-837357/7	50.0	26.590953	50.0	312580.0	0.531819	Y
5	STD200 460-837357/8	200.0	97.990621	50.0	401517.0	0.489953	Y
6	STD500 460-837357/9	500.0	252.092052	50.0	444683.0	0.504184	Y



Calibration / m-Xylene & p-Xylene

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

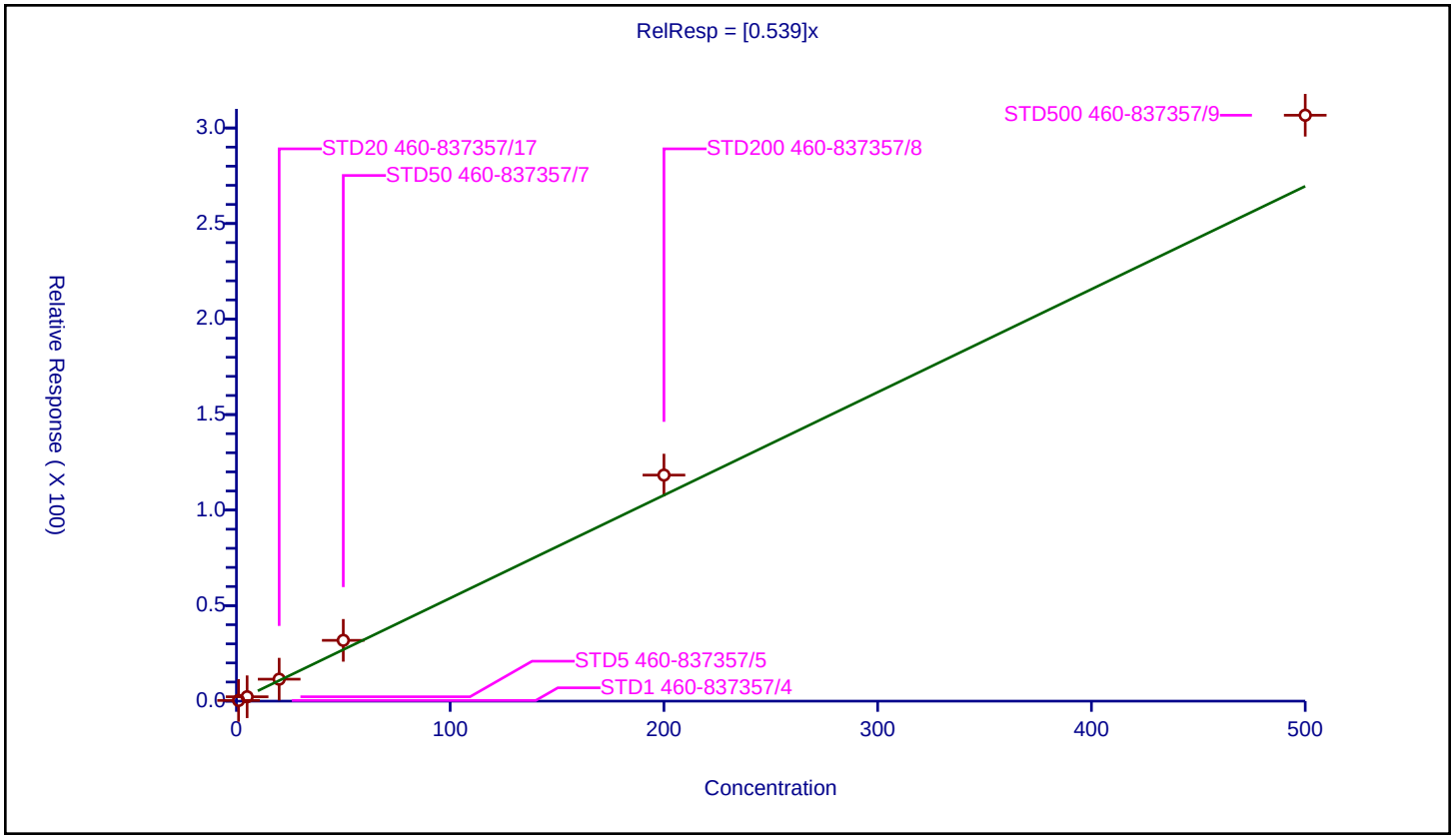
Curve Coefficients

Intercept:	0
Slope:	0.539

Error Coefficients

Standard Error:	1300000
Relative Standard Error:	19.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.360123	50.0	331276.0	0.360123	Y
2	STD5 460-837357/5	5.0	2.290793	50.0	257640.0	0.458159	Y
3	STD20 460-837357/17	20.0	11.487924	50.0	326260.0	0.574396	Y
4	STD50 460-837357/7	50.0	31.824013	50.0	312580.0	0.63648	Y
5	STD200 460-837357/8	200.0	118.321889	50.0	401517.0	0.591609	Y
6	STD500 460-837357/9	500.0	306.685774	50.0	444683.0	0.613372	Y



Calibration / o-Xylene

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

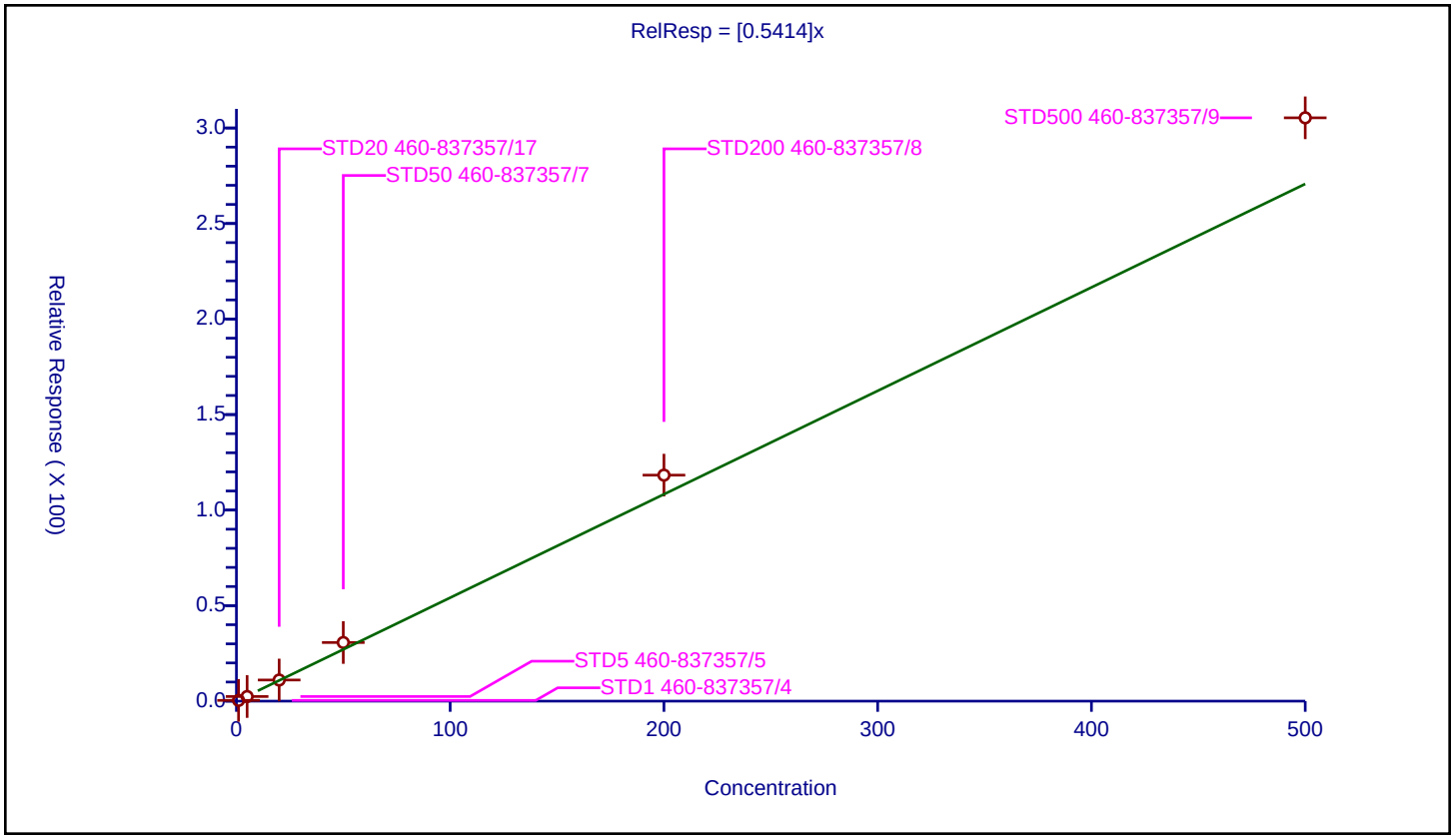
Curve Coefficients

Intercept:	0
Slope:	0.5414

Error Coefficients

Standard Error:	1290000
Relative Standard Error:	15.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.395743	50.0	331276.0	0.395743	Y
2	STD5 460-837357/5	5.0	2.419461	50.0	257640.0	0.483892	Y
3	STD20 460-837357/17	20.0	11.057745	50.0	326260.0	0.552887	Y
4	STD50 460-837357/7	50.0	30.691503	50.0	312580.0	0.61383	Y
5	STD200 460-837357/8	200.0	118.302836	50.0	401517.0	0.591514	Y
6	STD500 460-837357/9	500.0	305.333125	50.0	444683.0	0.610666	Y



Calibration / Styrene

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

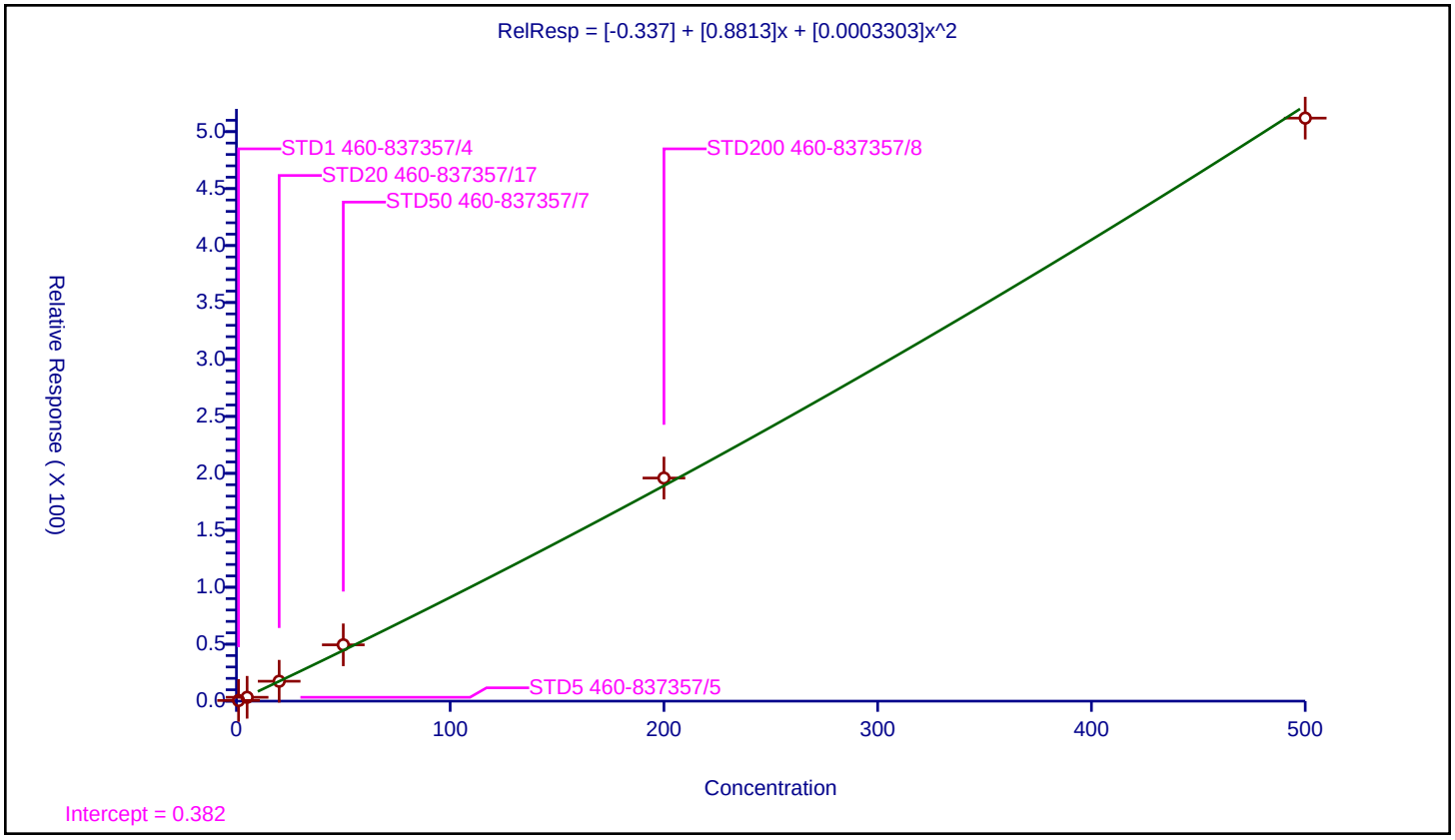
Curve Coefficients

Intercept:	-0.337
Slope:	0.8813
Second Order:	0.0003303

Error Coefficients

Standard Error:	2790000
Relative Standard Error:	11.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.569918	50.0	331276.0	0.569918	Y
2	STD5 460-837357/5	5.0	3.390002	50.0	257640.0	0.678	Y
3	STD20 460-837357/17	20.0	17.482683	50.0	326260.0	0.874134	Y
4	STD50 460-837357/7	50.0	49.436144	50.0	312580.0	0.988723	Y
5	STD200 460-837357/8	200.0	195.881993	50.0	401517.0	0.97941	Y
6	STD500 460-837357/9	500.0	511.901737	50.0	444683.0	1.023803	Y



Calibration / n-Butyl acrylate

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

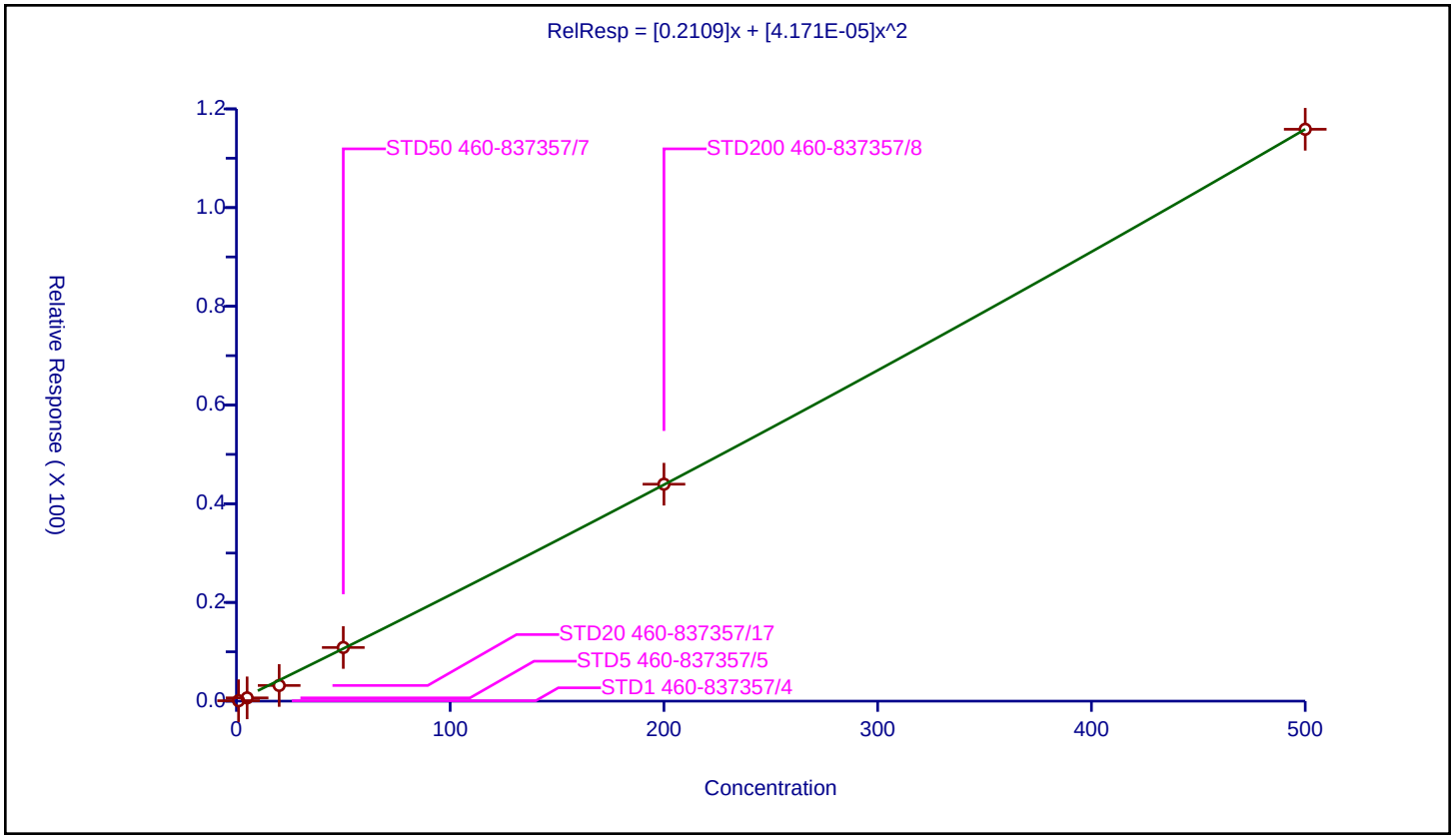
Curve Coefficients

Intercept:	0
Slope:	0.2109
Second Order:	4.171E-05

Error Coefficients

Standard Error:	546000
Relative Standard Error:	37.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.083767	50.0	331276.0	0.083767	Y
2	STD5 460-837357/5	5.0	0.661388	50.0	257640.0	0.132278	Y
3	STD20 460-837357/17	20.0	3.175841	50.0	326260.0	0.158792	Y
4	STD50 460-837357/7	50.0	10.870977	50.0	312580.0	0.21742	Y
5	STD200 460-837357/8	200.0	43.955922	50.0	401517.0	0.21978	Y
6	STD500 460-837357/9	500.0	115.869395	50.0	444683.0	0.231739	Y



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

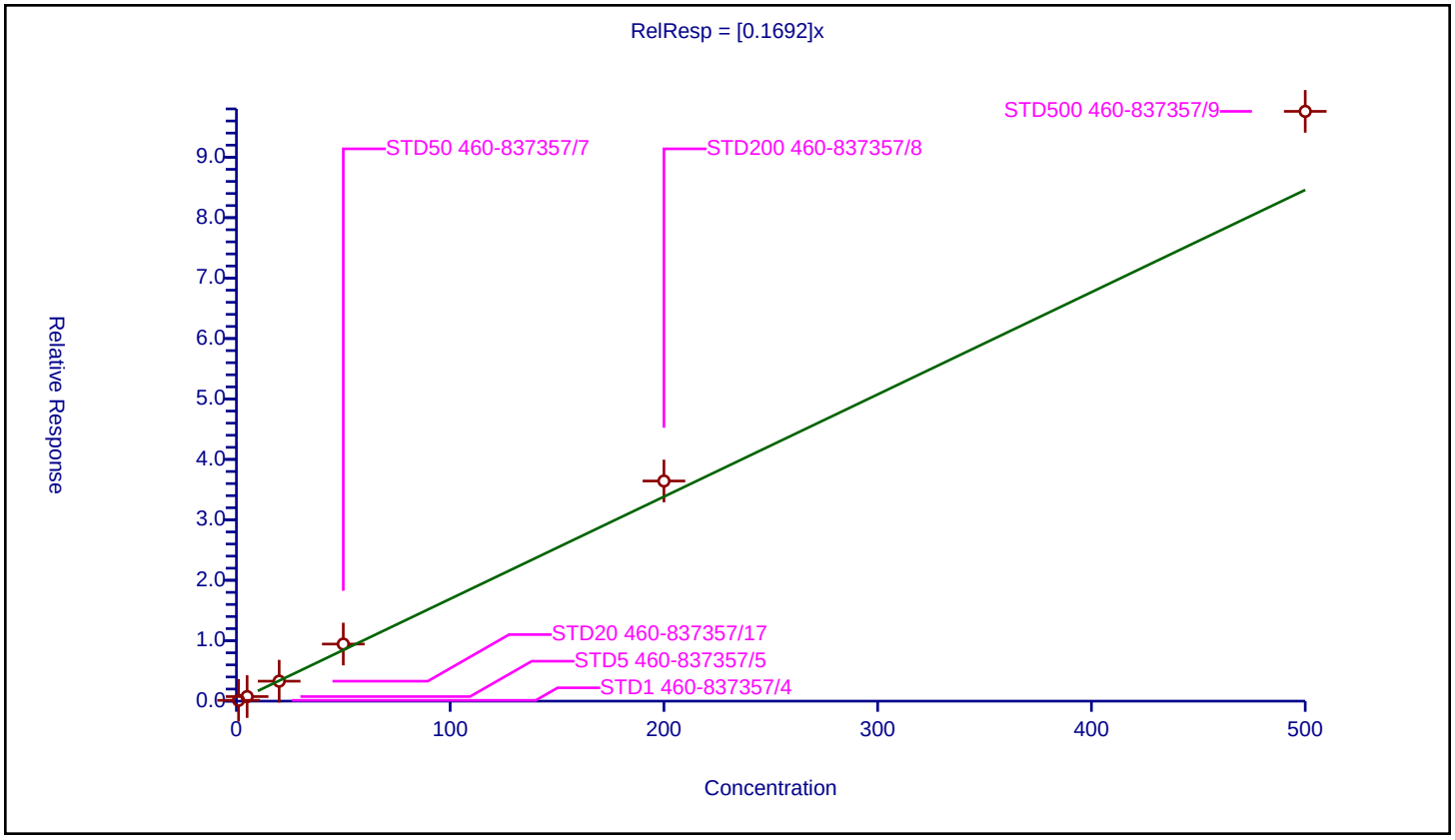
Curve Coefficients

Intercept:	0
Slope:	0.1692

Error Coefficients

Standard Error:	411000
Relative Standard Error:	14.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.132971	50.0	331276.0	0.132971	Y
2	STD5 460-837357/5	5.0	0.754153	50.0	257640.0	0.150831	Y
3	STD20 460-837357/17	20.0	3.301661	50.0	326260.0	0.165083	Y
4	STD50 460-837357/7	50.0	9.446542	50.0	312580.0	0.188931	Y
5	STD200 460-837357/8	200.0	36.426104	50.0	401517.0	0.182131	Y
6	STD500 460-837357/9	500.0	97.588394	50.0	444683.0	0.195177	Y



Calibration / Amyl acetate (mixed isomers)

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

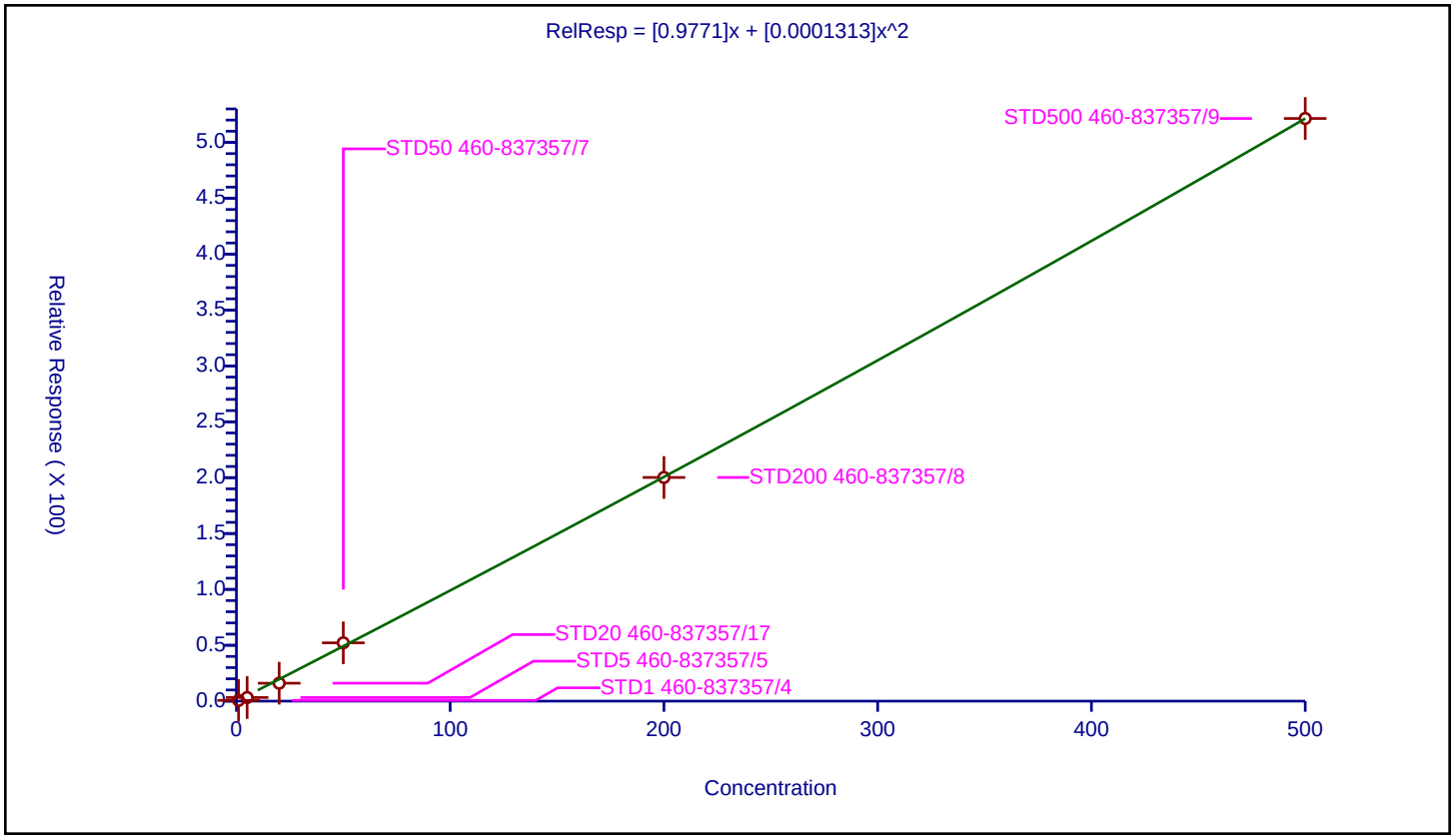
Curve Coefficients

Intercept:	0
Slope:	0.9771
Second Order:	0.0001313

Error Coefficients

Standard Error:	1450000
Relative Standard Error:	25.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.671107	50.0	156309.0	0.671107	Y
2	STD5 460-837357/5	5.0	3.226855	50.0	133799.0	0.645371	Y
3	STD20 460-837357/17	20.0	16.048832	50.0	167062.0	0.802442	Y
4	STD50 460-837357/7	50.0	52.190443	50.0	173070.0	1.043809	Y
5	STD200 460-837357/8	200.0	200.181481	50.0	232531.0	1.000907	Y
6	STD500 460-837357/9	500.0	521.423072	50.0	263641.0	1.042846	Y



Calibration / Isopropylbenzene

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

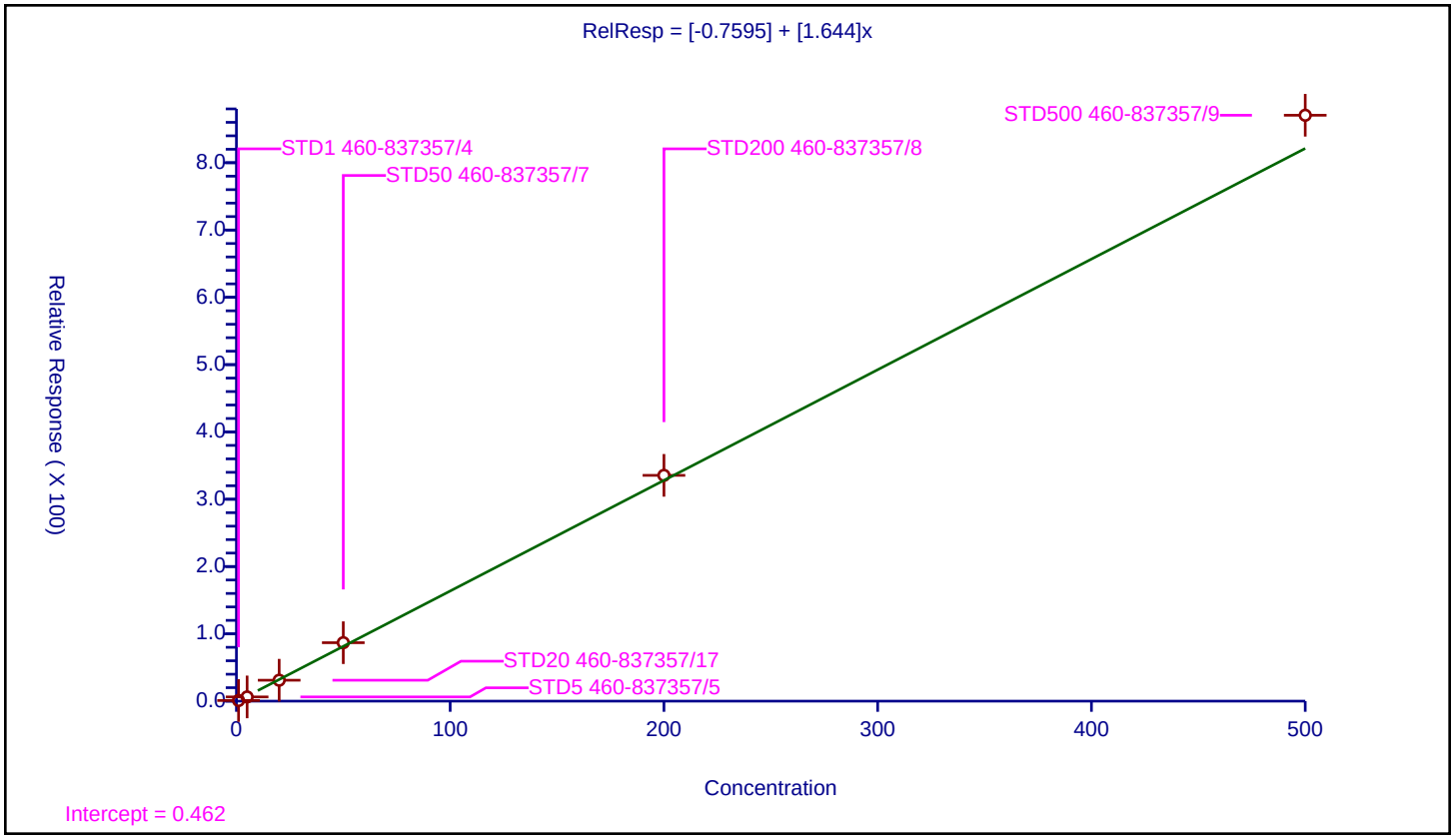
Curve Coefficients

Intercept:	-0.7595
Slope:	1.644

Error Coefficients

Standard Error:	4110000
Relative Standard Error:	8.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.932606	50.0	331276.0	0.932606	Y
2	STD5 460-837357/5	5.0	6.258151	50.0	257640.0	1.25163	Y
3	STD20 460-837357/17	20.0	31.081193	50.0	326260.0	1.55406	Y
4	STD50 460-837357/7	50.0	86.856645	50.0	312580.0	1.737133	Y
5	STD200 460-837357/8	200.0	335.48592	50.0	401517.0	1.67743	Y
6	STD500 460-837357/9	500.0	870.53519	50.0	444683.0	1.74107	Y



Calibration / 4-Bromofluorobenzene

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

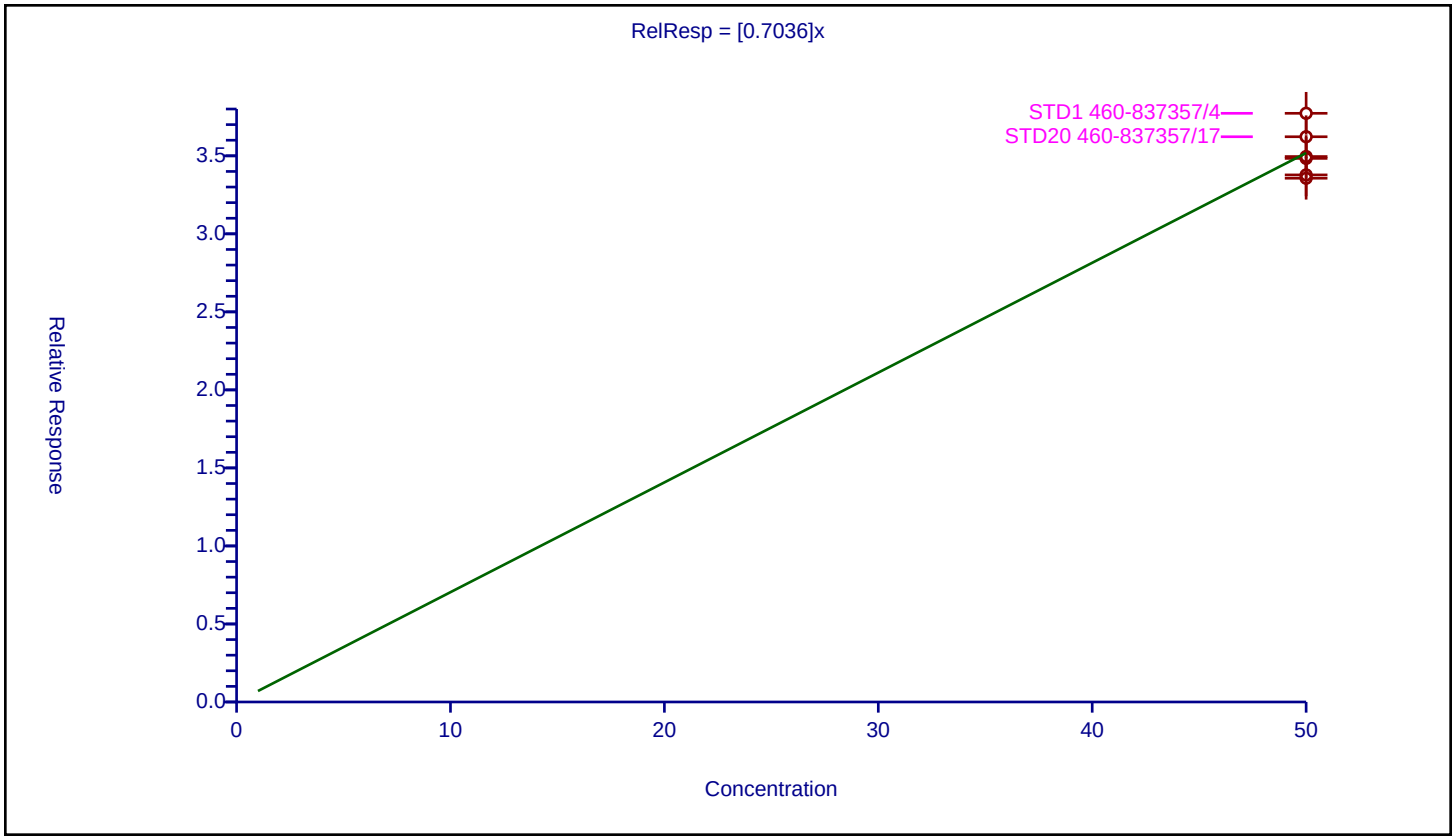
Curve Coefficients

Intercept:	0
Slope:	0.7036

Error Coefficients

Standard Error:	147000
Relative Standard Error:	4.5
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	50.0	37.725595	50.0	156309.0	0.754512	Y
2	STD5 460-837357/5	50.0	34.955045	50.0	133799.0	0.699101	Y
3	STD50 460-837357/7	50.0	34.835327	50.0	173070.0	0.696707	Y
4	STD200 460-837357/8	50.0	33.777862	50.0	232531.0	0.675557	Y
5	STD500 460-837357/9	50.0	33.564013	50.0	263641.0	0.67128	Y
6	STD20 460-837357/17	50.0	36.22248	50.0	167062.0	0.72445	Y



Calibration / Bromobenzene

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

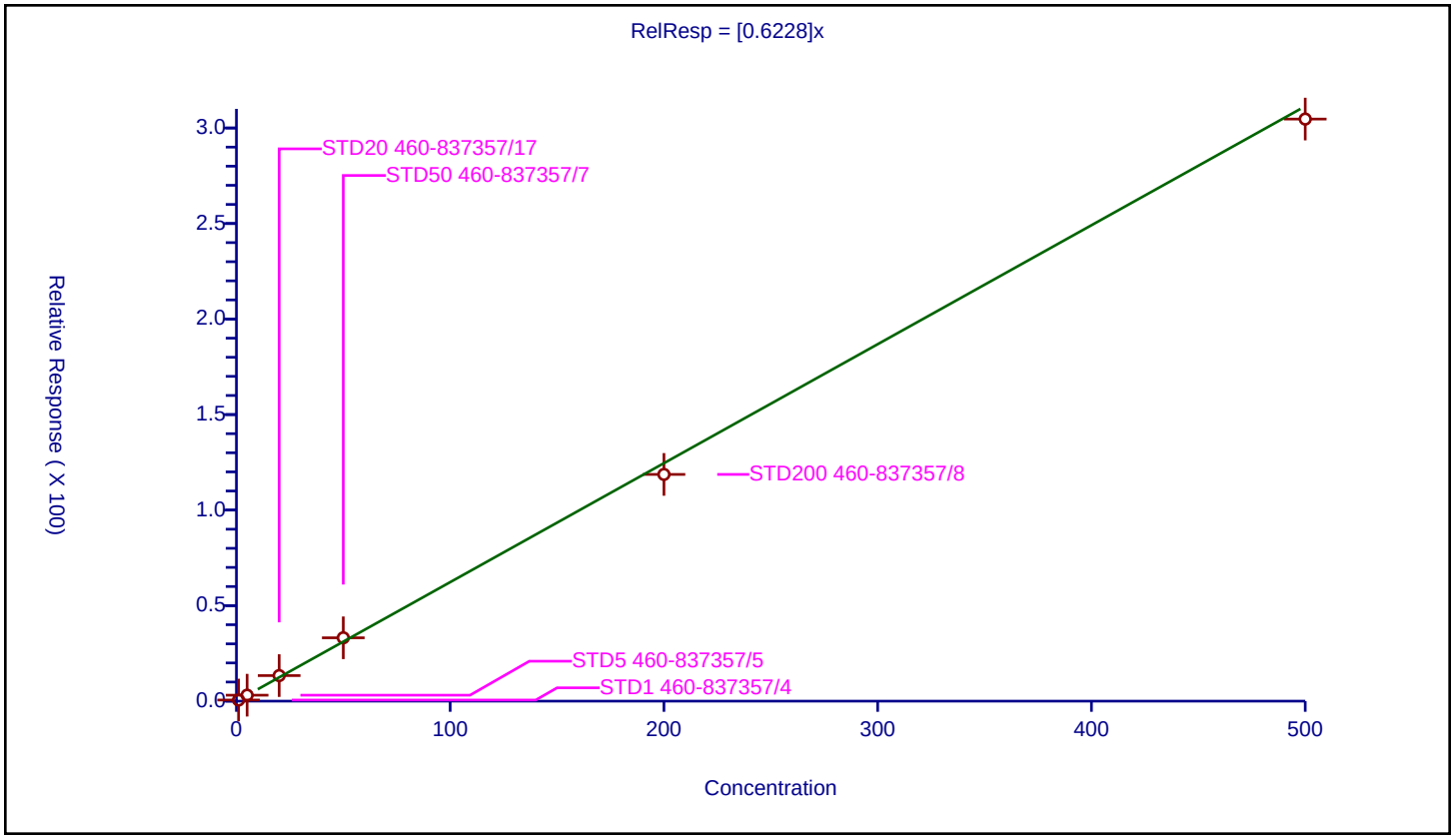
Curve Coefficients

Intercept:	0
Slope:	0.6228

Error Coefficients

Standard Error:	762000
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.579621	50.0	156309.0	0.579621	Y
2	STD5 460-837357/5	5.0	3.11101	50.0	133799.0	0.622202	Y
3	STD20 460-837357/17	20.0	13.380062	50.0	167062.0	0.669003	Y
4	STD50 460-837357/7	50.0	33.153059	50.0	173070.0	0.663061	Y
5	STD200 460-837357/8	200.0	118.679875	50.0	232531.0	0.593399	Y
6	STD500 460-837357/9	500.0	304.674728	50.0	263641.0	0.609349	Y



Calibration / 1,2,3-Trichloropropane

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

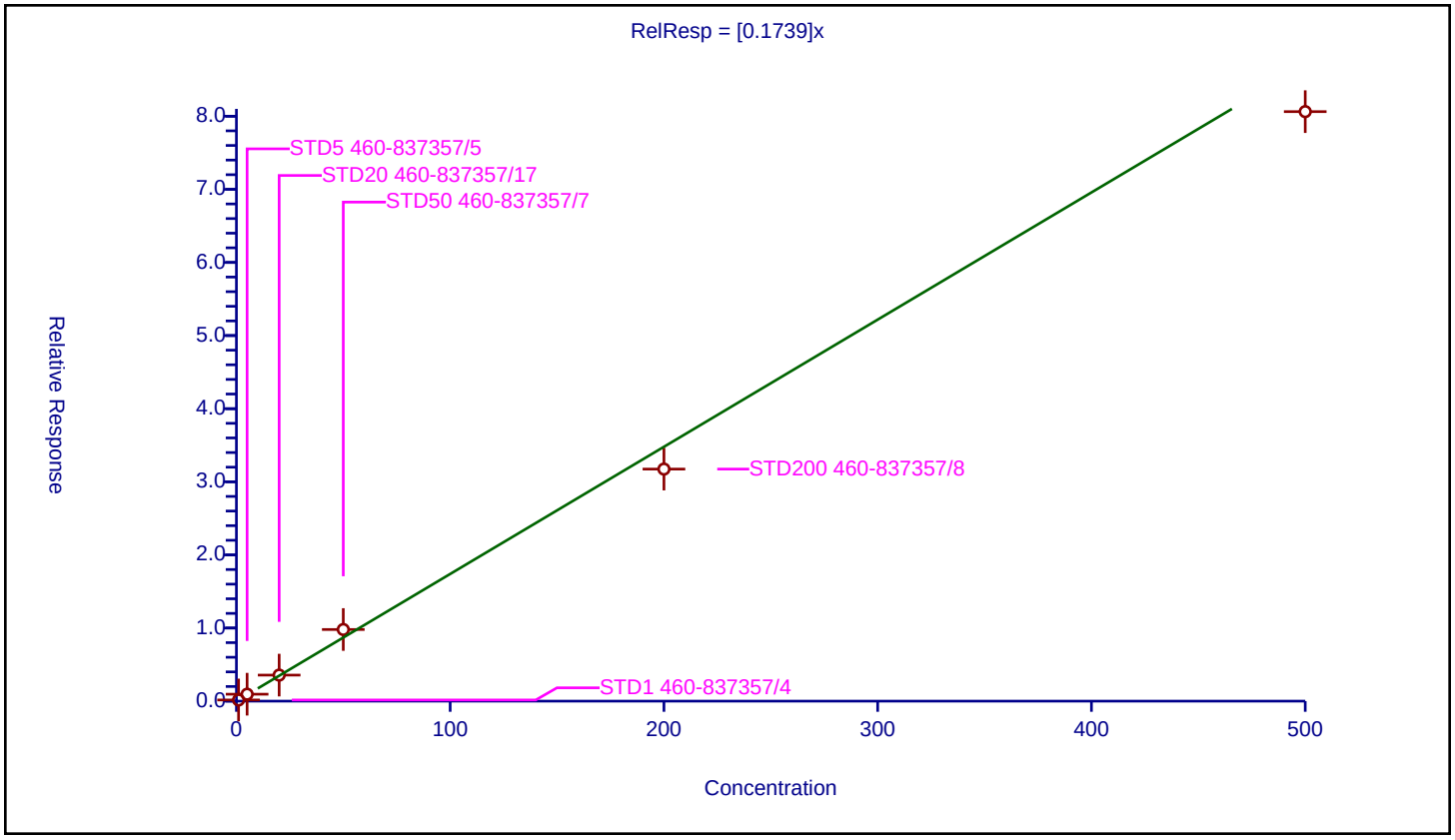
Curve Coefficients

Intercept:	0
Slope:	0.1739

Error Coefficients

Standard Error:	202000
Relative Standard Error:	9.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.15962	50.0	156309.0	0.15962	Y
2	STD5 460-837357/5	5.0	0.950306	50.0	133799.0	0.190061	Y
3	STD20 460-837357/17	20.0	3.560953	50.0	167062.0	0.178048	Y
4	STD50 460-837357/7	50.0	9.79517	50.0	173070.0	0.195903	Y
5	STD200 460-837357/8	200.0	31.736844	50.0	232531.0	0.158684	Y
6	STD500 460-837357/9	500.0	80.625737	50.0	263641.0	0.161251	Y



Calibration / 1,1,2,2-Tetrachloroethane

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

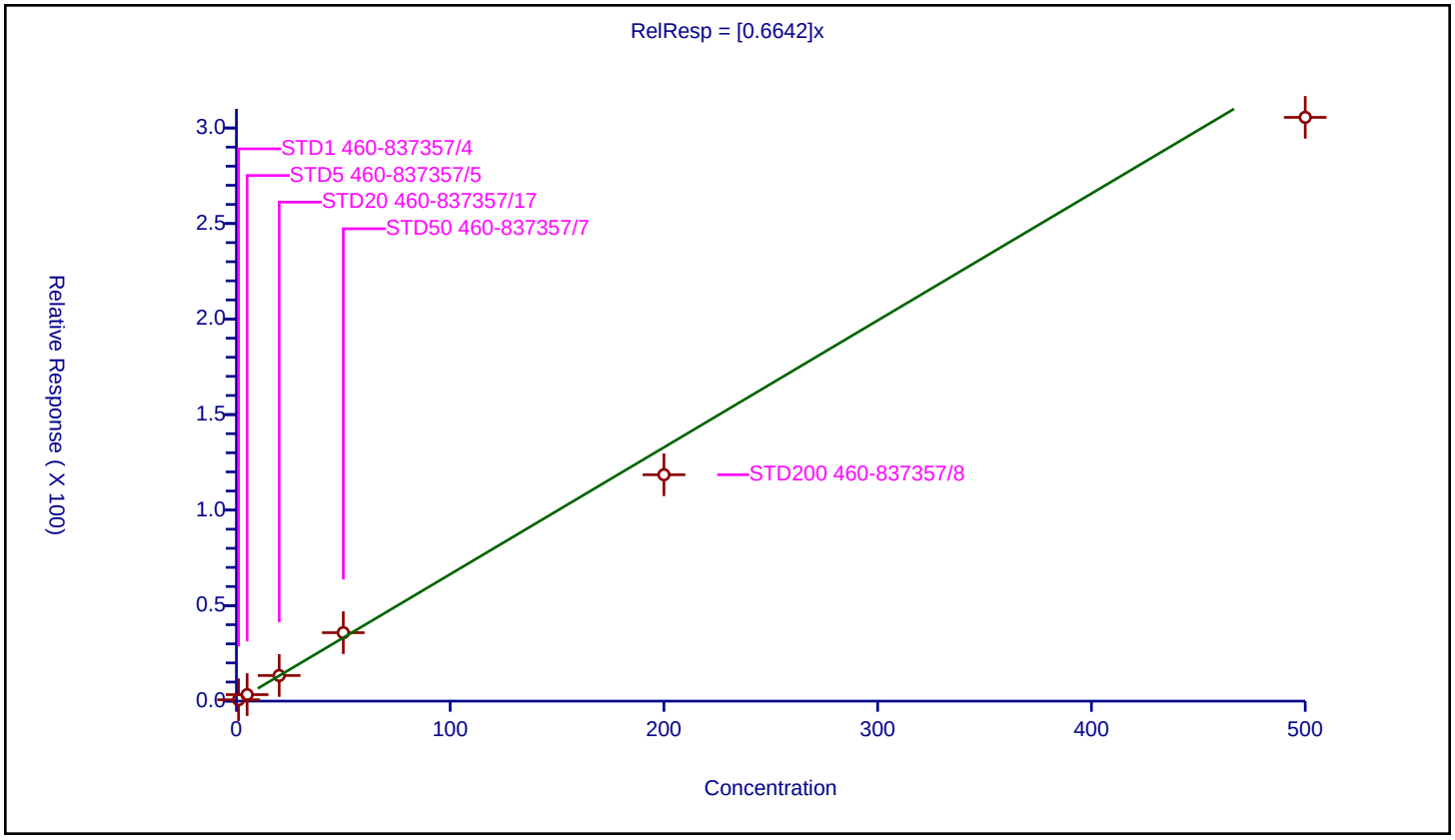
Curve Coefficients

Intercept:	0
Slope:	0.6642

Error Coefficients

Standard Error:	764000
Relative Standard Error:	7.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.71493	50.0	156309.0	0.71493	Y
2	STD5 460-837357/5	5.0	3.399876	50.0	133799.0	0.679975	Y
3	STD20 460-837357/17	20.0	13.399816	50.0	167062.0	0.669991	Y
4	STD50 460-837357/7	50.0	35.8381	50.0	173070.0	0.716762	Y
5	STD200 460-837357/8	200.0	118.506135	50.0	232531.0	0.592531	Y
6	STD500 460-837357/9	500.0	305.563057	50.0	263641.0	0.611126	Y



Calibration / trans-1,4-Dichloro-2-butene

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

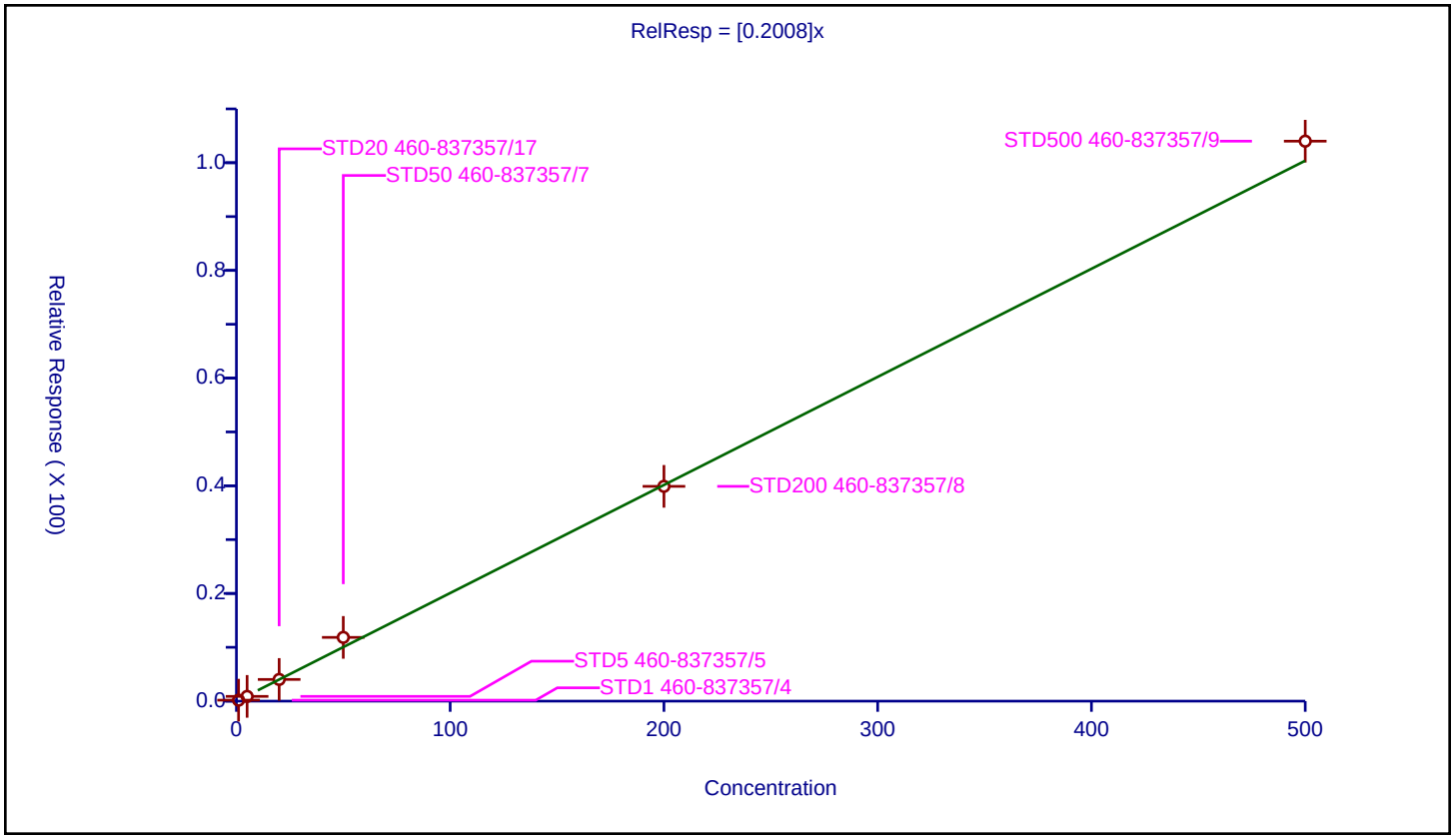
Curve Coefficients

Intercept:	0
Slope:	0.2008

Error Coefficients

Standard Error:	260000
Relative Standard Error:	10.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.182651	50.0	156309.0	0.182651	Y
2	STD5 460-837357/5	5.0	0.880799	50.0	133799.0	0.17616	Y
3	STD20 460-837357/17	20.0	4.028744	50.0	167062.0	0.201437	Y
4	STD50 460-837357/7	50.0	11.838562	50.0	173070.0	0.236771	Y
5	STD200 460-837357/8	200.0	39.894466	50.0	232531.0	0.199472	Y
6	STD500 460-837357/9	500.0	104.006016	50.0	263641.0	0.208012	Y



Calibration / N-Propylbenzene

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

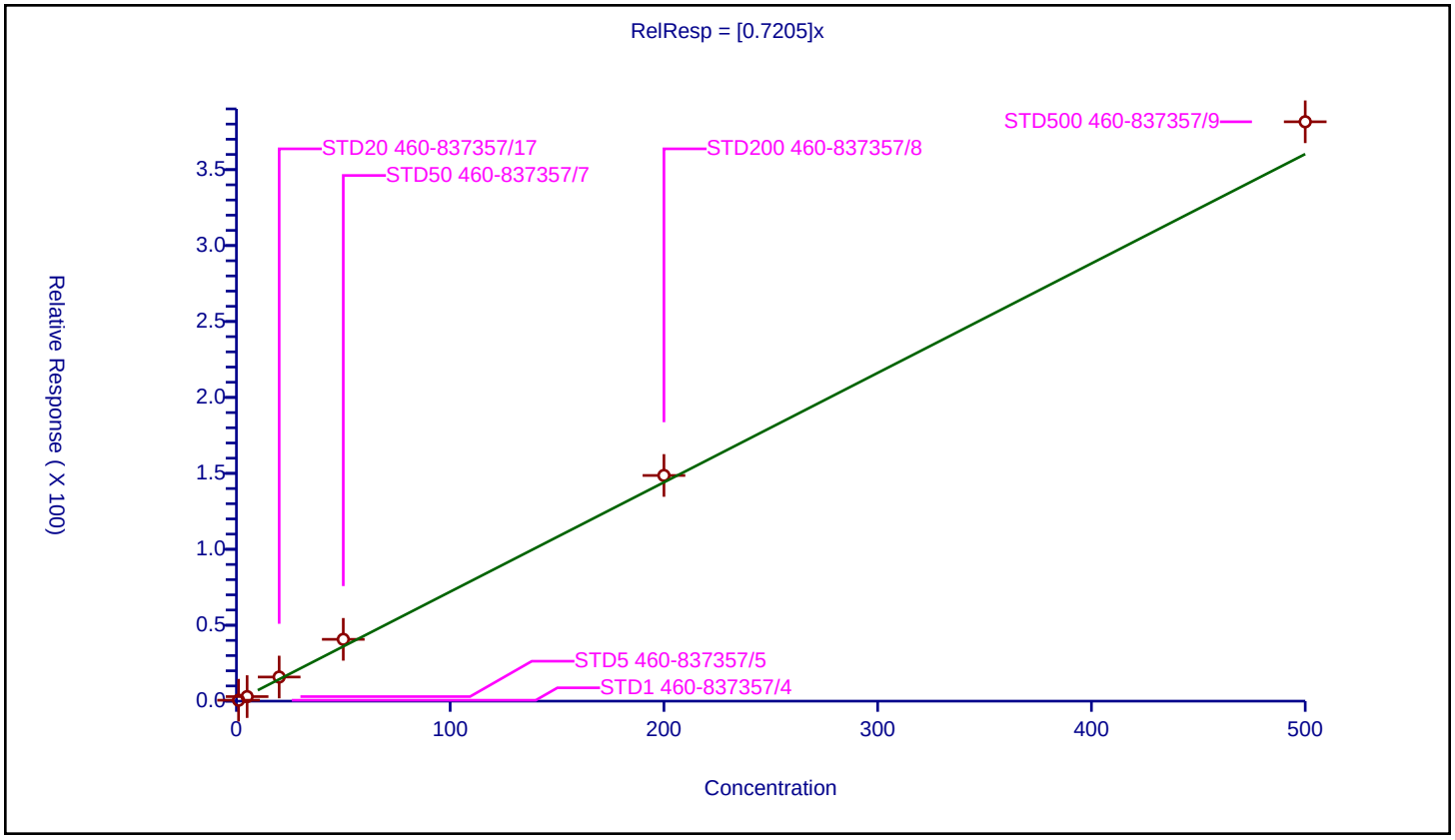
Curve Coefficients

Intercept:	0
Slope:	0.7205

Error Coefficients

Standard Error:	953000
Relative Standard Error:	12.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.61033	50.0	156309.0	0.61033	Y
2	STD5 460-837357/5	5.0	2.992922	50.0	133799.0	0.598584	Y
3	STD20 460-837357/17	20.0	15.880631	50.0	167062.0	0.794032	Y
4	STD50 460-837357/7	50.0	40.695094	50.0	173070.0	0.813902	Y
5	STD200 460-837357/8	200.0	148.615023	50.0	232531.0	0.743075	Y
6	STD500 460-837357/9	500.0	381.517291	50.0	263641.0	0.763035	Y



Calibration / 2-Chlorotoluene

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

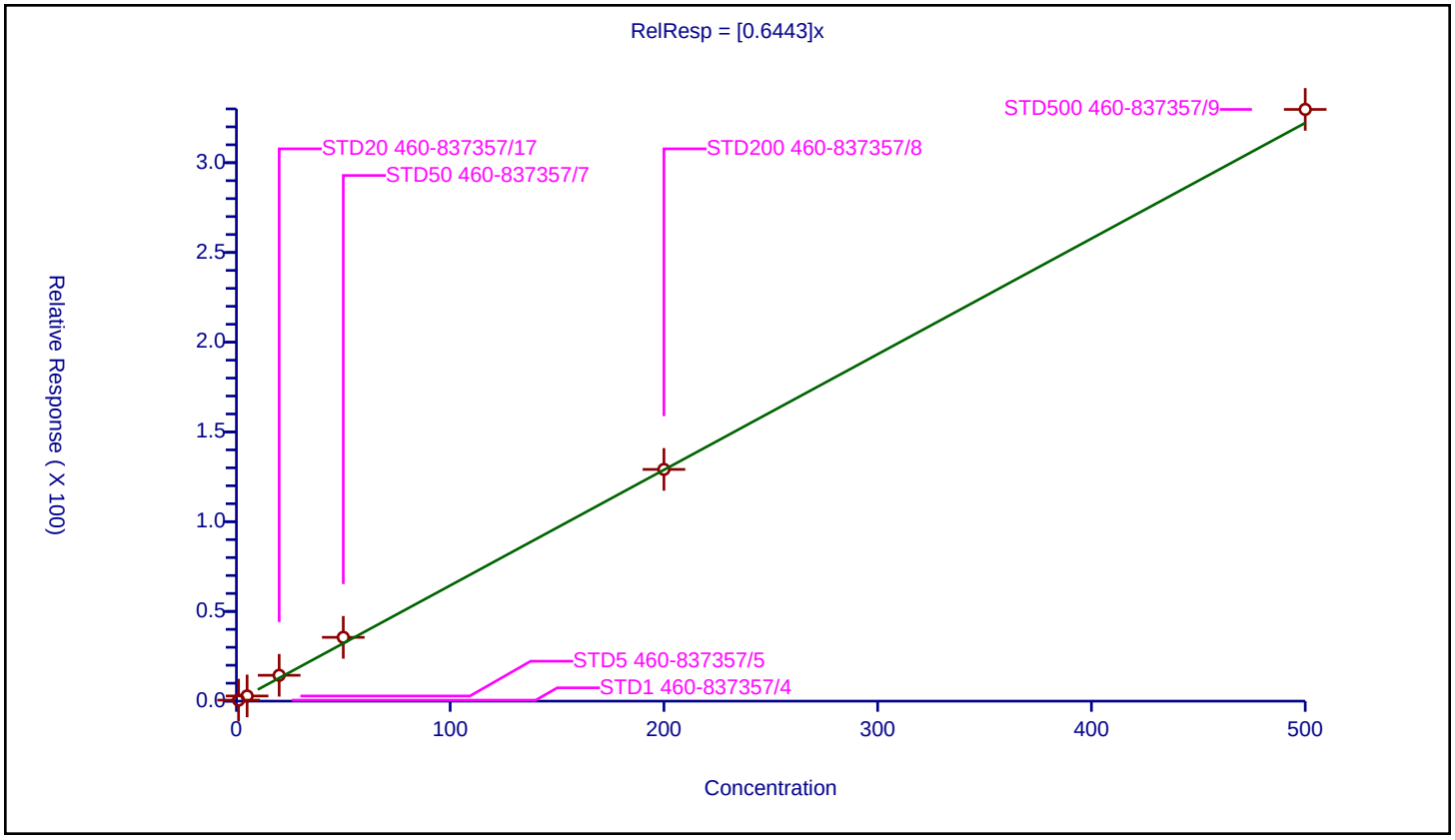
Curve Coefficients

Intercept:	0
Slope:	0.6443

Error Coefficients

Standard Error:	825000
Relative Standard Error:	10.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.551792	50.0	156309.0	0.551792	Y
2	STD5 460-837357/5	5.0	2.891651	50.0	133799.0	0.57833	Y
3	STD20 460-837357/17	20.0	14.397649	50.0	167062.0	0.719882	Y
4	STD50 460-837357/7	50.0	35.547755	50.0	173070.0	0.710955	Y
5	STD200 460-837357/8	200.0	129.115043	50.0	232531.0	0.645575	Y
6	STD500 460-837357/9	500.0	329.704219	50.0	263641.0	0.659408	Y



Calibration / 4-Ethyltoluene

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

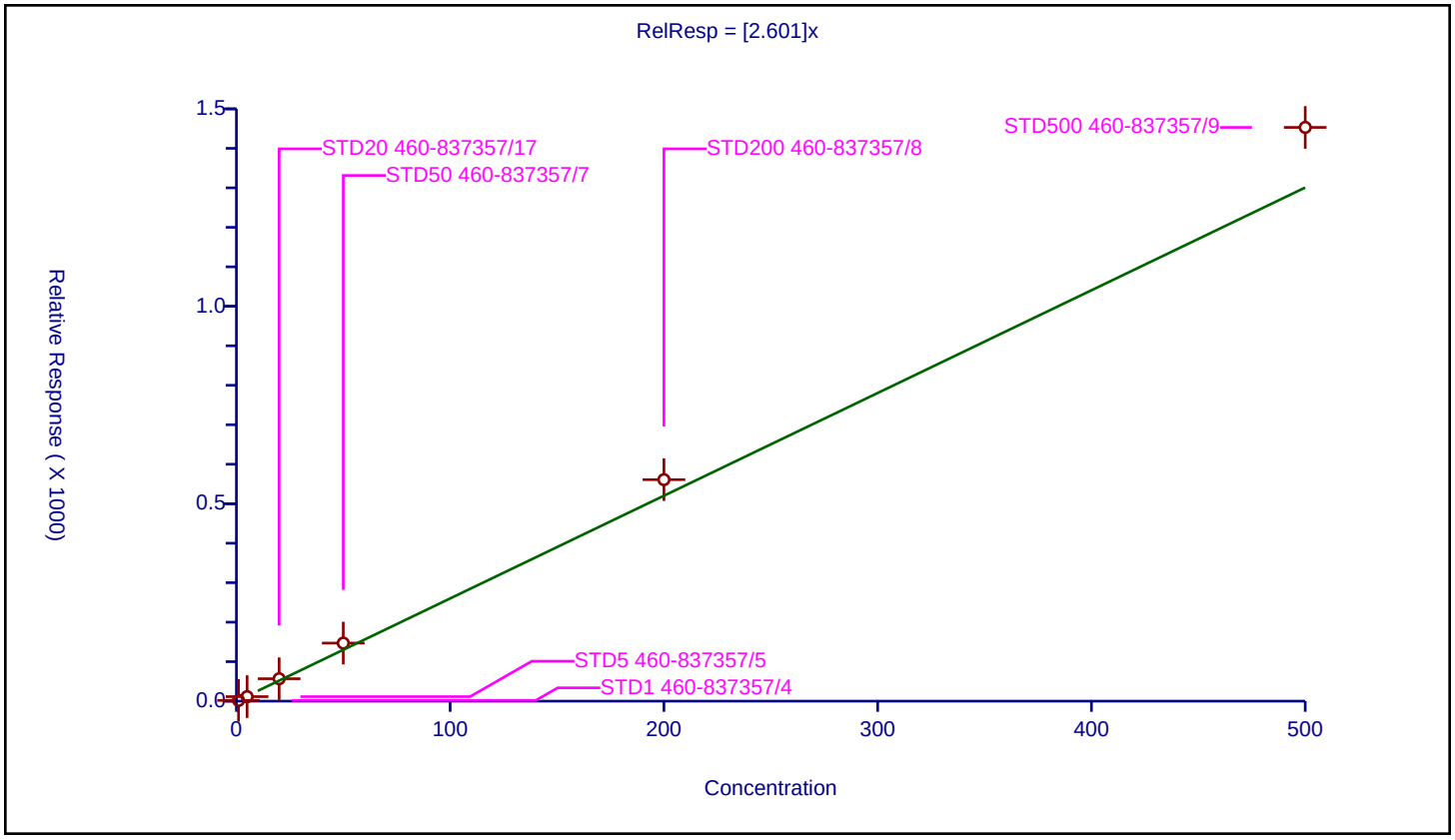
Curve Coefficients

Intercept:	0
Slope:	2.601

Error Coefficients

Standard Error:	3630000
Relative Standard Error:	17.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	1.831948	50.0	156309.0	1.831948	Y
2	STD5 460-837357/5	5.0	11.429084	50.0	133799.0	2.285817	Y
3	STD20 460-837357/17	20.0	56.795082	50.0	167062.0	2.839754	Y
4	STD50 460-837357/7	50.0	147.001502	50.0	173070.0	2.94003	Y
5	STD200 460-837357/8	200.0	560.961764	50.0	232531.0	2.804809	Y
6	STD500 460-837357/9	500.0	1453.05586	50.0	263641.0	2.906112	Y



Calibration / 4-Chlorotoluene

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

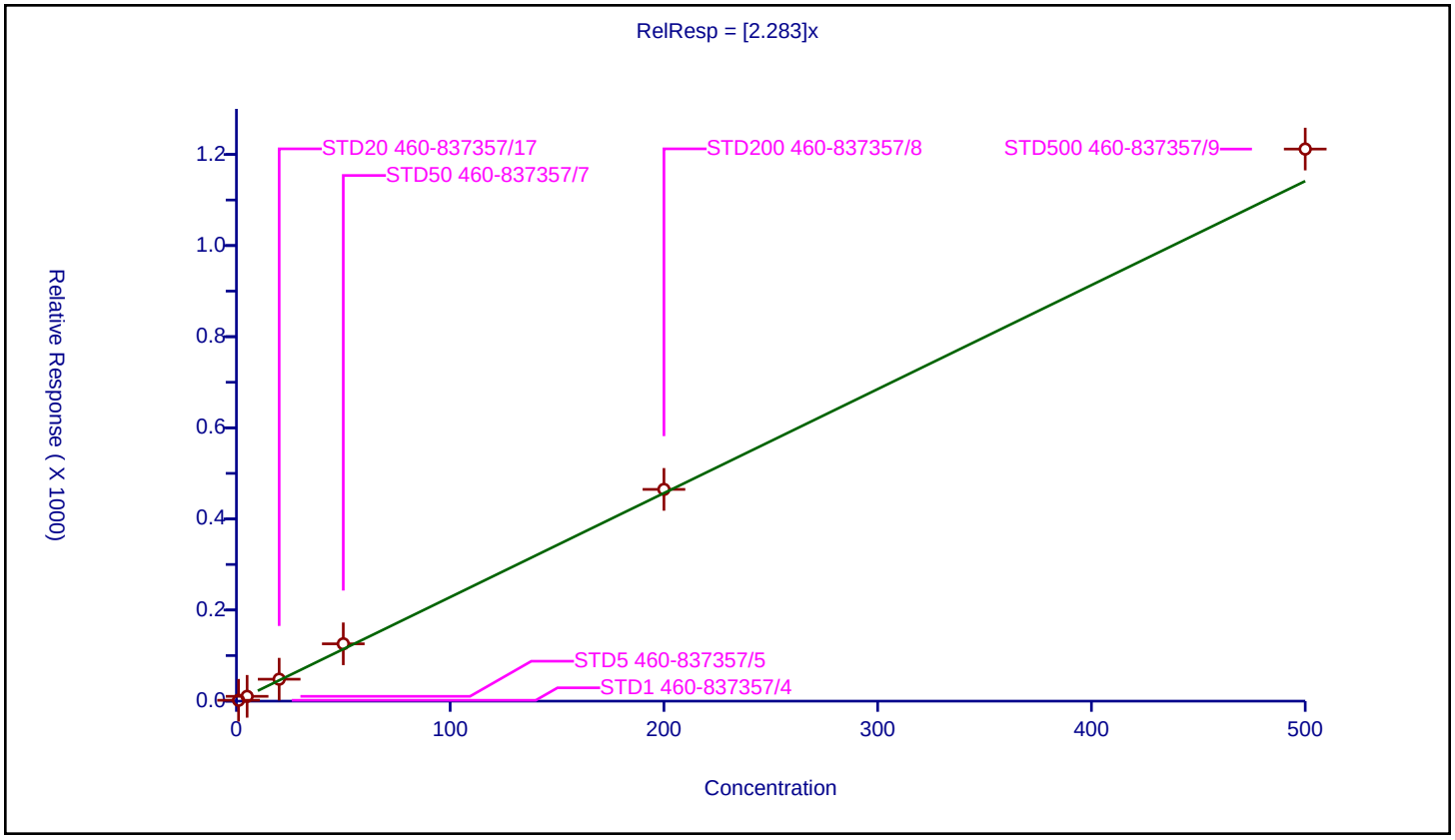
Curve Coefficients

Intercept:	0
Slope:	2.283

Error Coefficients

Standard Error:	3020000
Relative Standard Error:	9.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	1.916716	50.0	156309.0	1.916716	Y
2	STD5 460-837357/5	5.0	10.541185	50.0	133799.0	2.108237	Y
3	STD20 460-837357/17	20.0	48.165052	50.0	167062.0	2.408253	Y
4	STD50 460-837357/7	50.0	125.859768	50.0	173070.0	2.517195	Y
5	STD200 460-837357/8	200.0	464.800177	50.0	232531.0	2.324001	Y
6	STD500 460-837357/9	500.0	1211.860447	50.0	263641.0	2.423721	Y



Calibration / 1,3,5-Trimethylbenzene

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

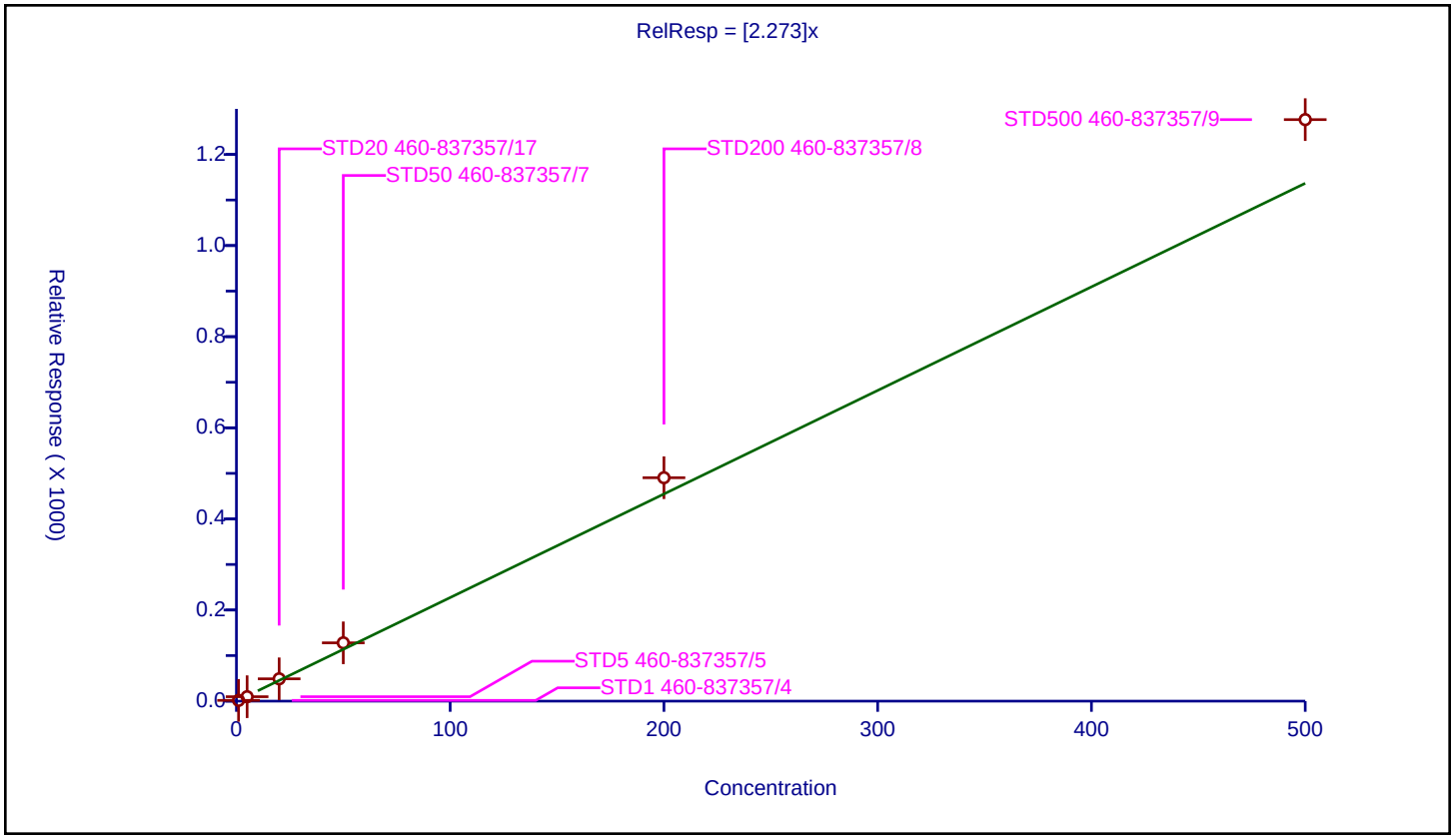
Curve Coefficients

Intercept:	0
Slope:	2.273

Error Coefficients

Standard Error:	3180000
Relative Standard Error:	16.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	1.682565	50.0	156309.0	1.682565	Y
2	STD5 460-837357/5	5.0	9.712703	50.0	133799.0	1.942541	Y
3	STD20 460-837357/17	20.0	49.010846	50.0	167062.0	2.450542	Y
4	STD50 460-837357/7	50.0	127.975675	50.0	173070.0	2.559513	Y
5	STD200 460-837357/8	200.0	490.413321	50.0	232531.0	2.452067	Y
6	STD500 460-837357/9	500.0	1276.443345	50.0	263641.0	2.552887	Y



Calibration / Butyl Methacrylate

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

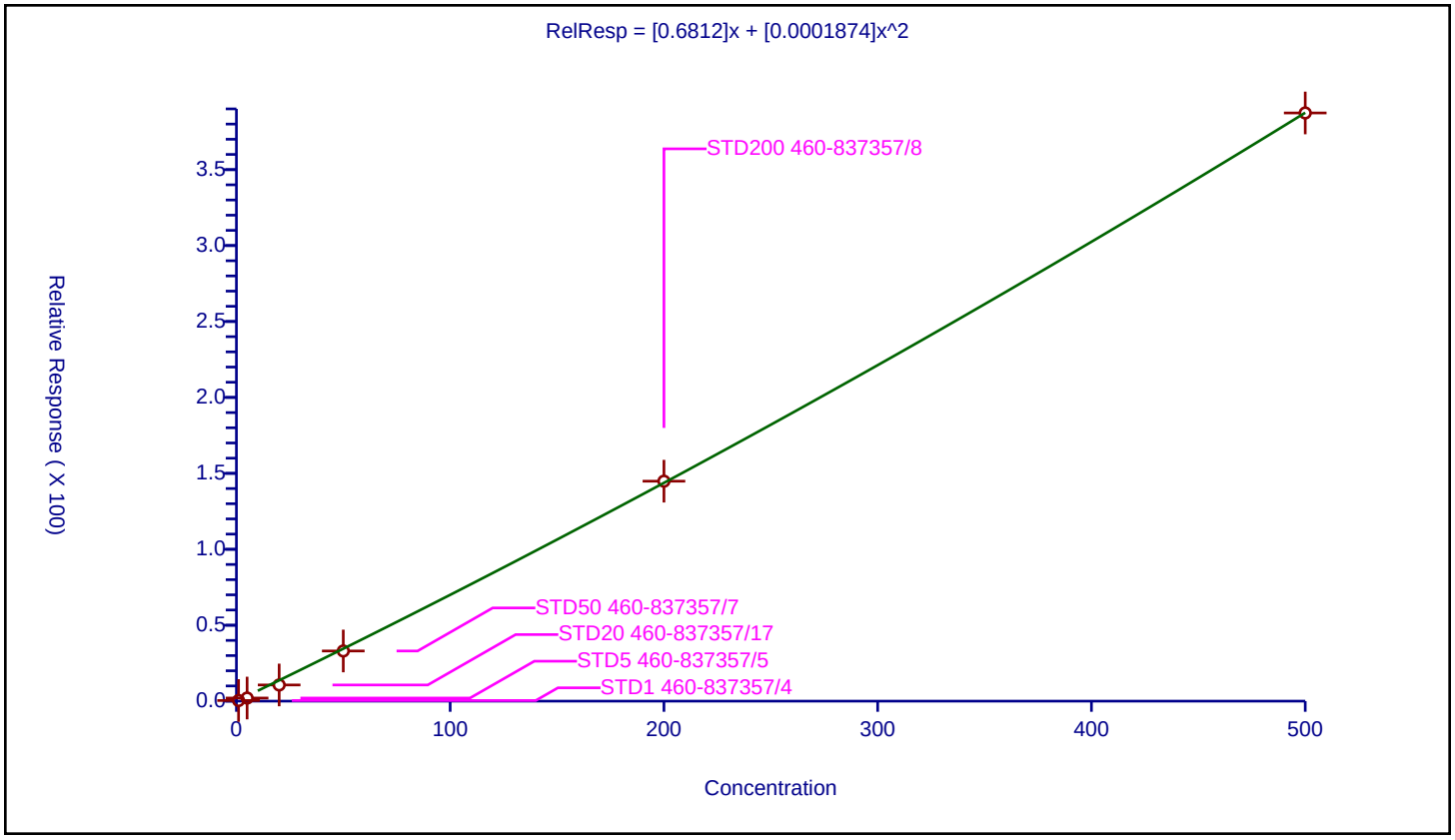
Curve Coefficients

Intercept:	0
Slope:	0.6812
Second Order:	0.0001874

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	30.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.410405	50.0	156309.0	0.410405	Y
2	STD5 460-837357/5	5.0	2.03589	50.0	133799.0	0.407178	Y
3	STD20 460-837357/17	20.0	10.661311	50.0	167062.0	0.533066	Y
4	STD50 460-837357/7	50.0	33.034899	50.0	173070.0	0.660698	Y
5	STD200 460-837357/8	200.0	144.847569	50.0	232531.0	0.724238	Y
6	STD500 460-837357/9	500.0	387.311154	50.0	263641.0	0.774622	Y



Calibration / tert-Butylbenzene

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

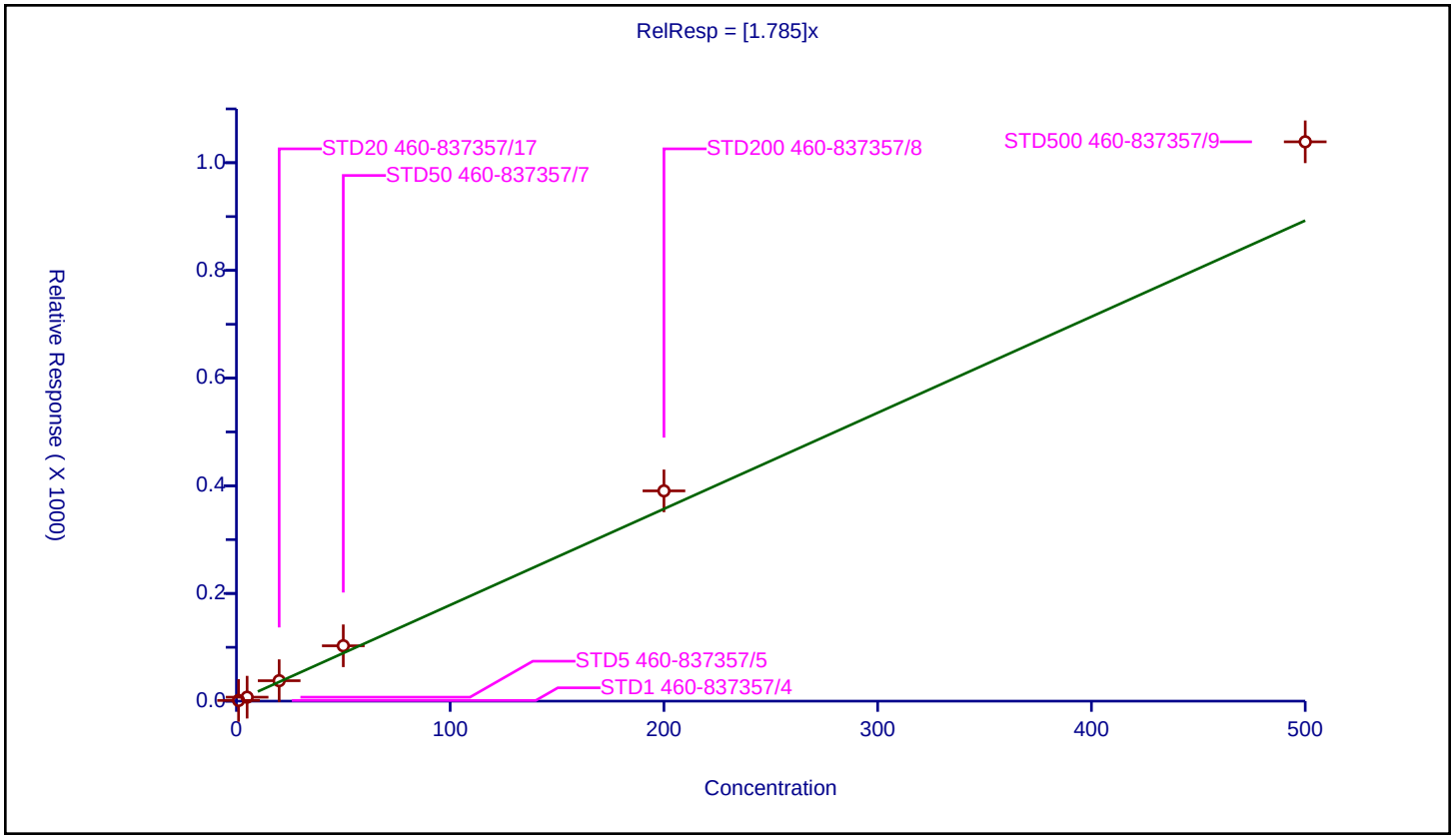
Curve Coefficients

Intercept:	0
Slope:	1.785

Error Coefficients

Standard Error:	2590000
Relative Standard Error:	19.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	1.258085	50.0	156309.0	1.258085	Y
2	STD5 460-837357/5	5.0	7.34572	50.0	133799.0	1.469144	Y
3	STD20 460-837357/17	20.0	37.948187	50.0	167062.0	1.897409	Y
4	STD50 460-837357/7	50.0	102.810712	50.0	173070.0	2.056214	Y
5	STD200 460-837357/8	200.0	390.506642	50.0	232531.0	1.952533	Y
6	STD500 460-837357/9	500.0	1038.838989	50.0	263641.0	2.077678	Y



Calibration / 1,2,4-Trimethylbenzene

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

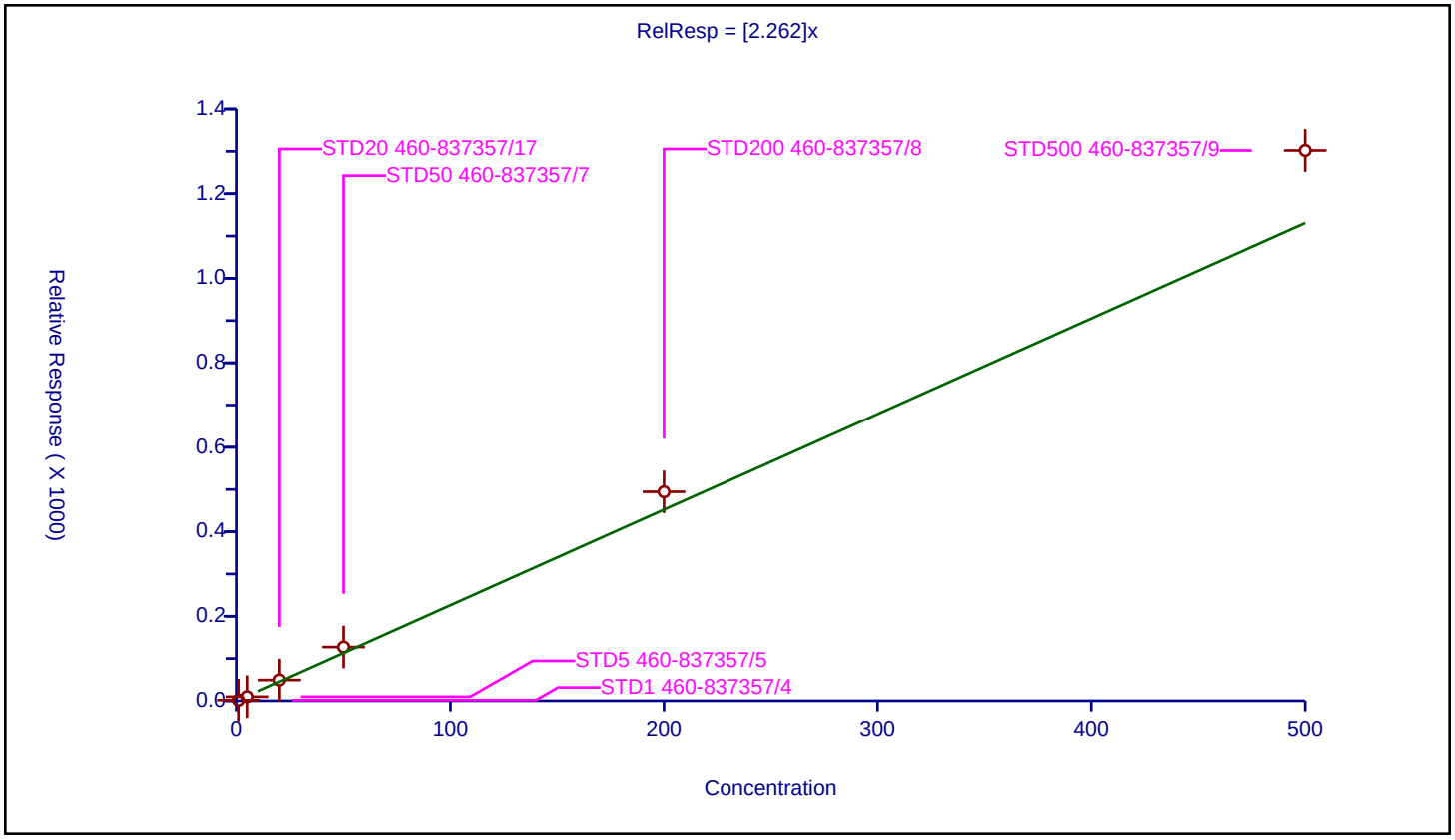
Curve Coefficients

Intercept:	0
Slope:	2.262

Error Coefficients

Standard Error:	3240000
Relative Standard Error:	18.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	1.558771	50.0	156309.0	1.558771	Y
2	STD5 460-837357/5	5.0	9.661881	50.0	133799.0	1.932376	Y
3	STD20 460-837357/17	20.0	49.185931	50.0	167062.0	2.459297	Y
4	STD50 460-837357/7	50.0	127.188421	50.0	173070.0	2.543768	Y
5	STD200 460-837357/8	200.0	494.547609	50.0	232531.0	2.472738	Y
6	STD500 460-837357/9	500.0	1302.098498	50.0	263641.0	2.604197	Y



Calibration / sec-Butylbenzene

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

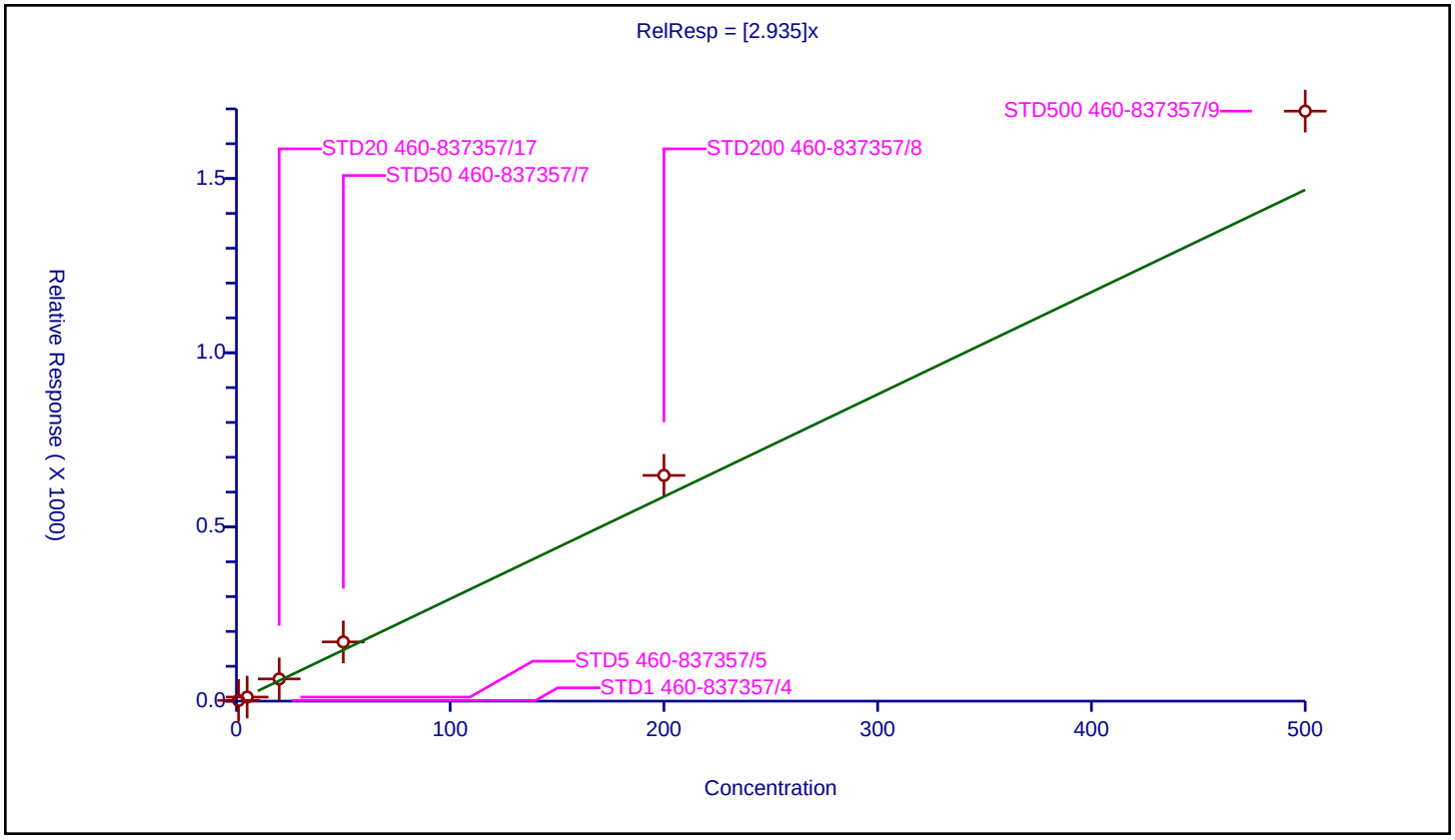
Curve Coefficients

Intercept:	0
Slope:	2.935

Error Coefficients

Standard Error:	4220000
Relative Standard Error:	19.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	2.076656	50.0	156309.0	2.076656	Y
2	STD5 460-837357/5	5.0	11.620789	50.0	133799.0	2.324158	Y
3	STD20 460-837357/17	20.0	63.698806	50.0	167062.0	3.18494	Y
4	STD50 460-837357/7	50.0	169.95002	50.0	173070.0	3.399	Y
5	STD200 460-837357/8	200.0	647.966078	50.0	232531.0	3.23983	Y
6	STD500 460-837357/9	500.0	1693.592233	50.0	263641.0	3.387184	Y



Calibration / 1,3-Dichlorobenzene

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

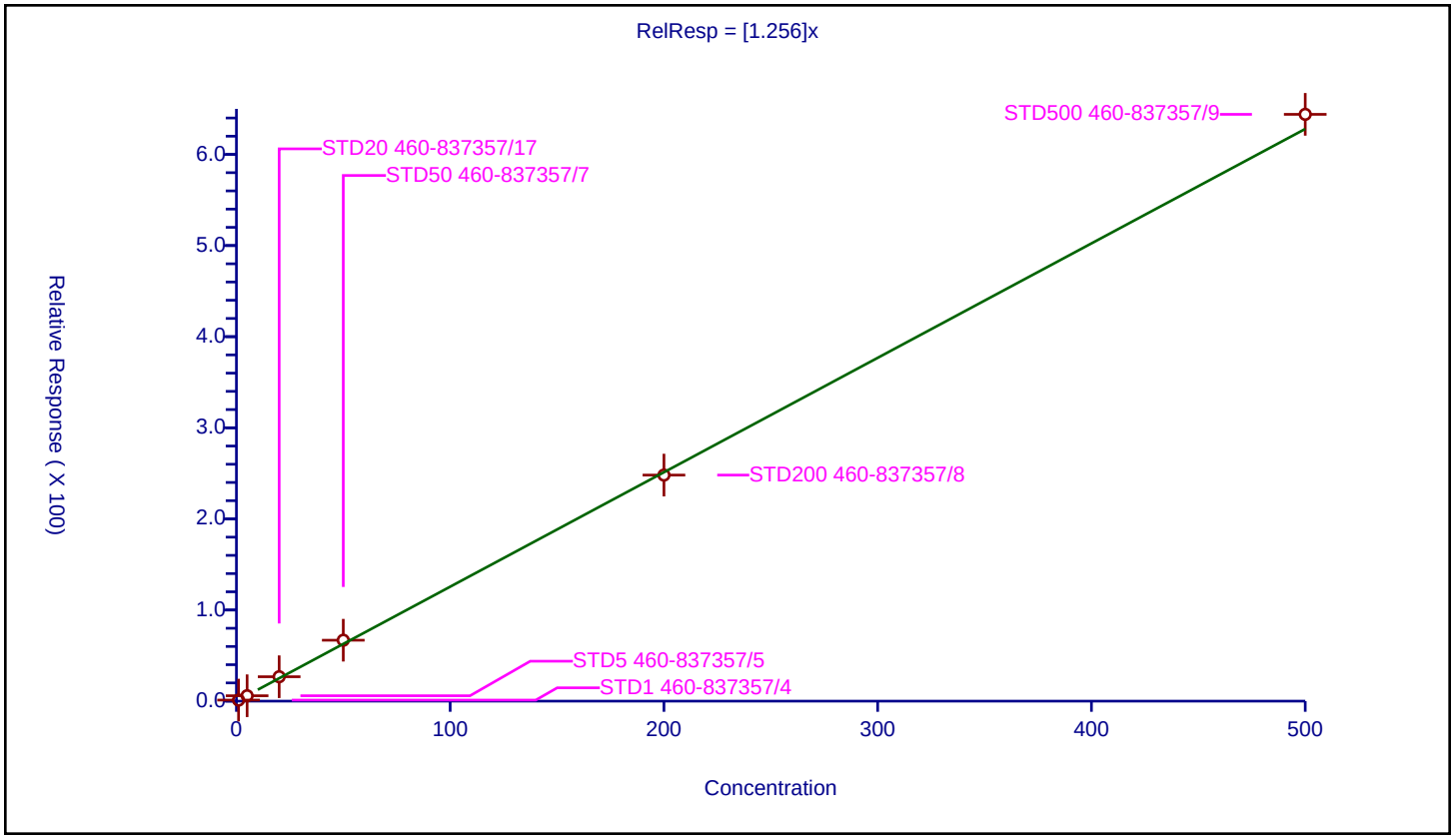
Curve Coefficients

Intercept:	0
Slope:	1.256

Error Coefficients

Standard Error:	1610000
Relative Standard Error:	6.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	1.144208	50.0	156309.0	1.144208	Y
2	STD5 460-837357/5	5.0	5.932032	50.0	133799.0	1.186406	Y
3	STD20 460-837357/17	20.0	26.788857	50.0	167062.0	1.339443	Y
4	STD50 460-837357/7	50.0	66.853296	50.0	173070.0	1.337066	Y
5	STD200 460-837357/8	200.0	248.097243	50.0	232531.0	1.240486	Y
6	STD500 460-837357/9	500.0	644.016105	50.0	263641.0	1.288032	Y



Calibration / 1,4-Dichlorobenzene

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

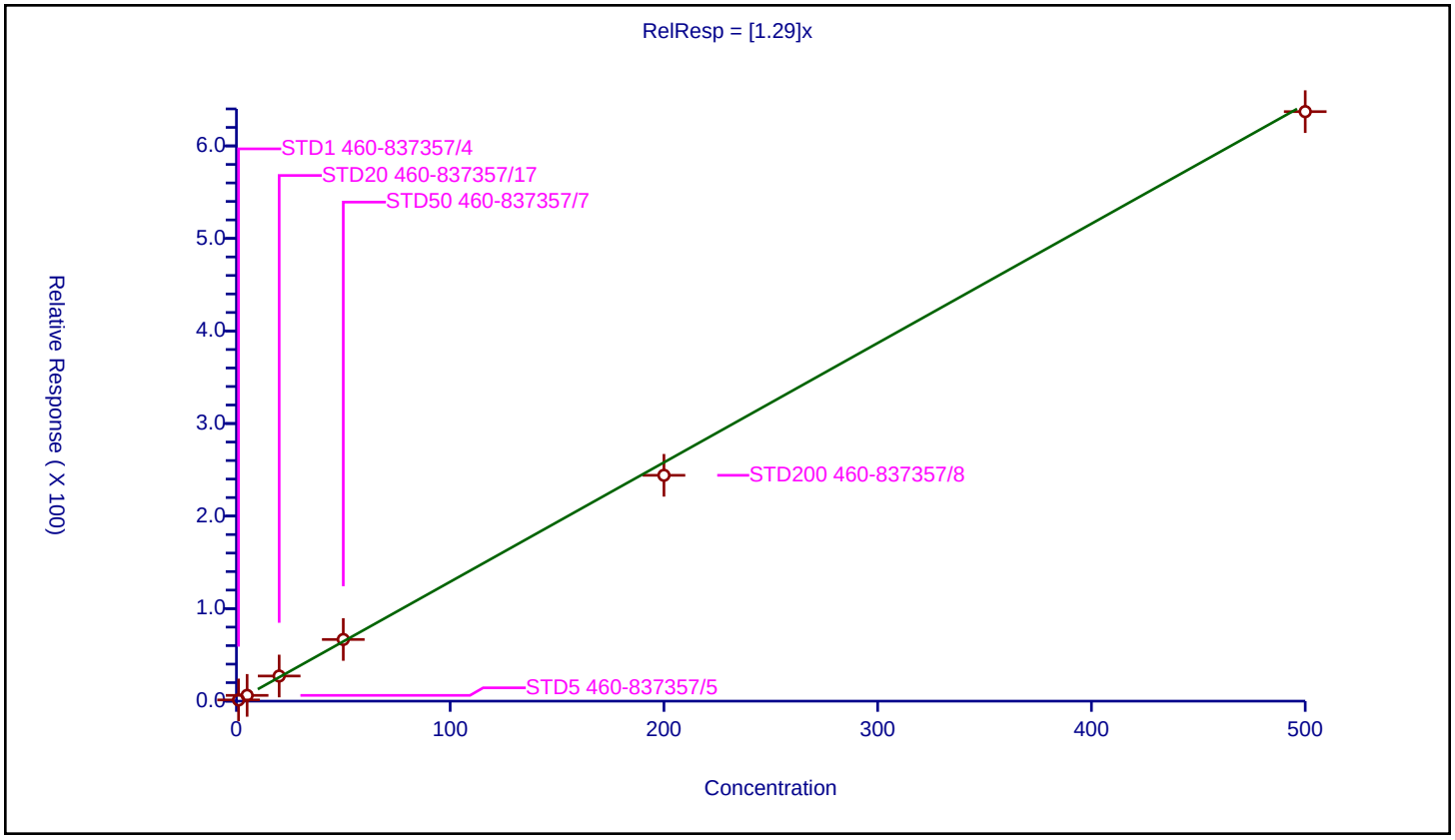
Curve Coefficients

Intercept:	0
Slope:	1.29

Error Coefficients

Standard Error:	1590000
Relative Standard Error:	4.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	1.305107	50.0	156309.0	1.305107	Y
2	STD5 460-837357/5	5.0	6.245189	50.0	133799.0	1.249038	Y
3	STD20 460-837357/17	20.0	27.150699	50.0	167062.0	1.357535	Y
4	STD50 460-837357/7	50.0	66.647021	50.0	173070.0	1.33294	Y
5	STD200 460-837357/8	200.0	244.055846	50.0	232531.0	1.220279	Y
6	STD500 460-837357/9	500.0	637.043745	50.0	263641.0	1.274087	Y



Calibration / 4-Isopropyltoluene

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

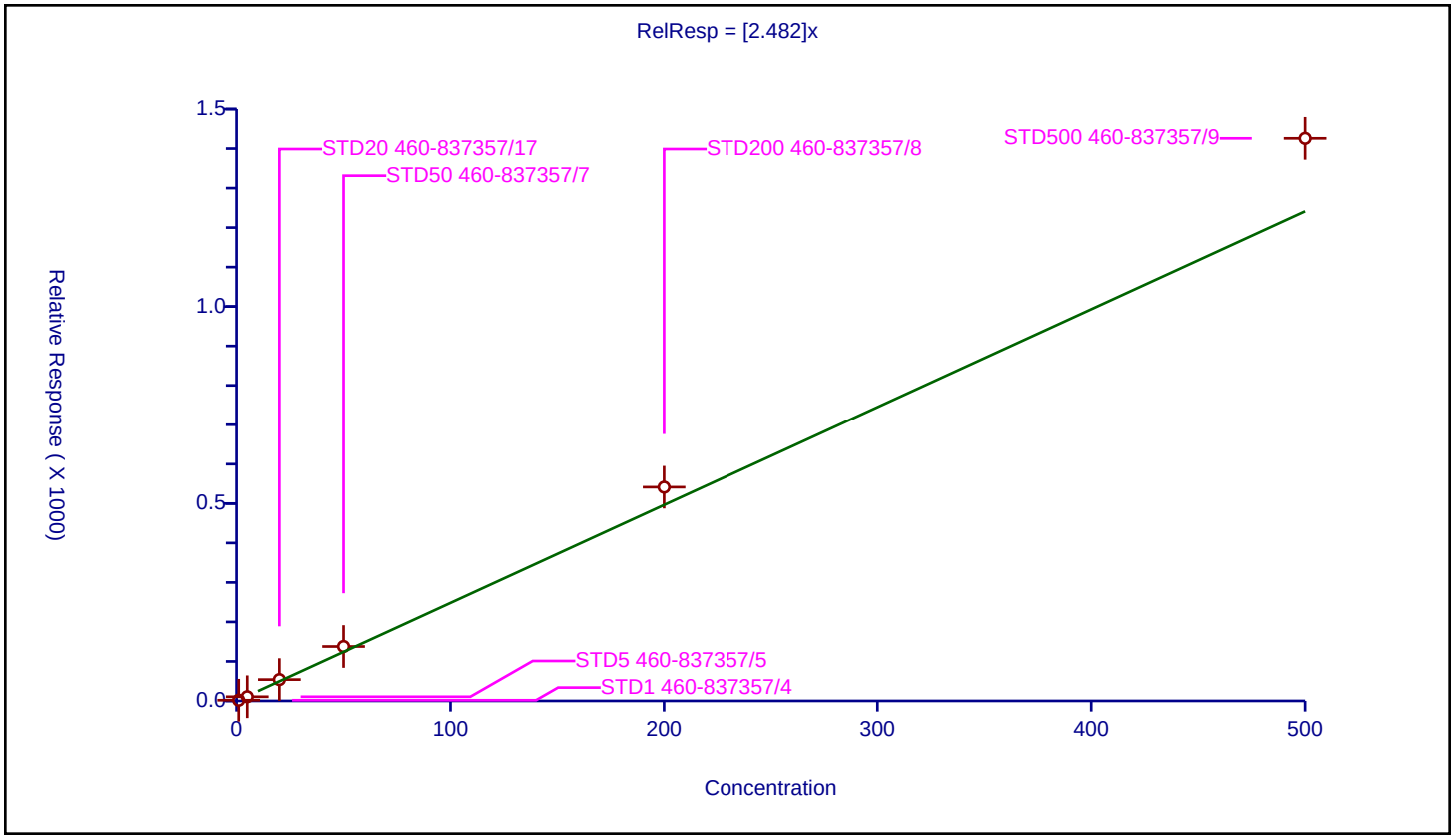
Curve Coefficients

Intercept:	0
Slope:	2.482

Error Coefficients

Standard Error:	3550000
Relative Standard Error:	17.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	1.762534	50.0	156309.0	1.762534	Y
2	STD5 460-837357/5	5.0	10.584534	50.0	133799.0	2.116907	Y
3	STD20 460-837357/17	20.0	53.986544	50.0	167062.0	2.699327	Y
4	STD50 460-837357/7	50.0	137.785867	50.0	173070.0	2.755717	Y
5	STD200 460-837357/8	200.0	541.549729	50.0	232531.0	2.707749	Y
6	STD500 460-837357/9	500.0	1425.938871	50.0	263641.0	2.851878	Y



Calibration / 1,2,3-Trimethylbenzene

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

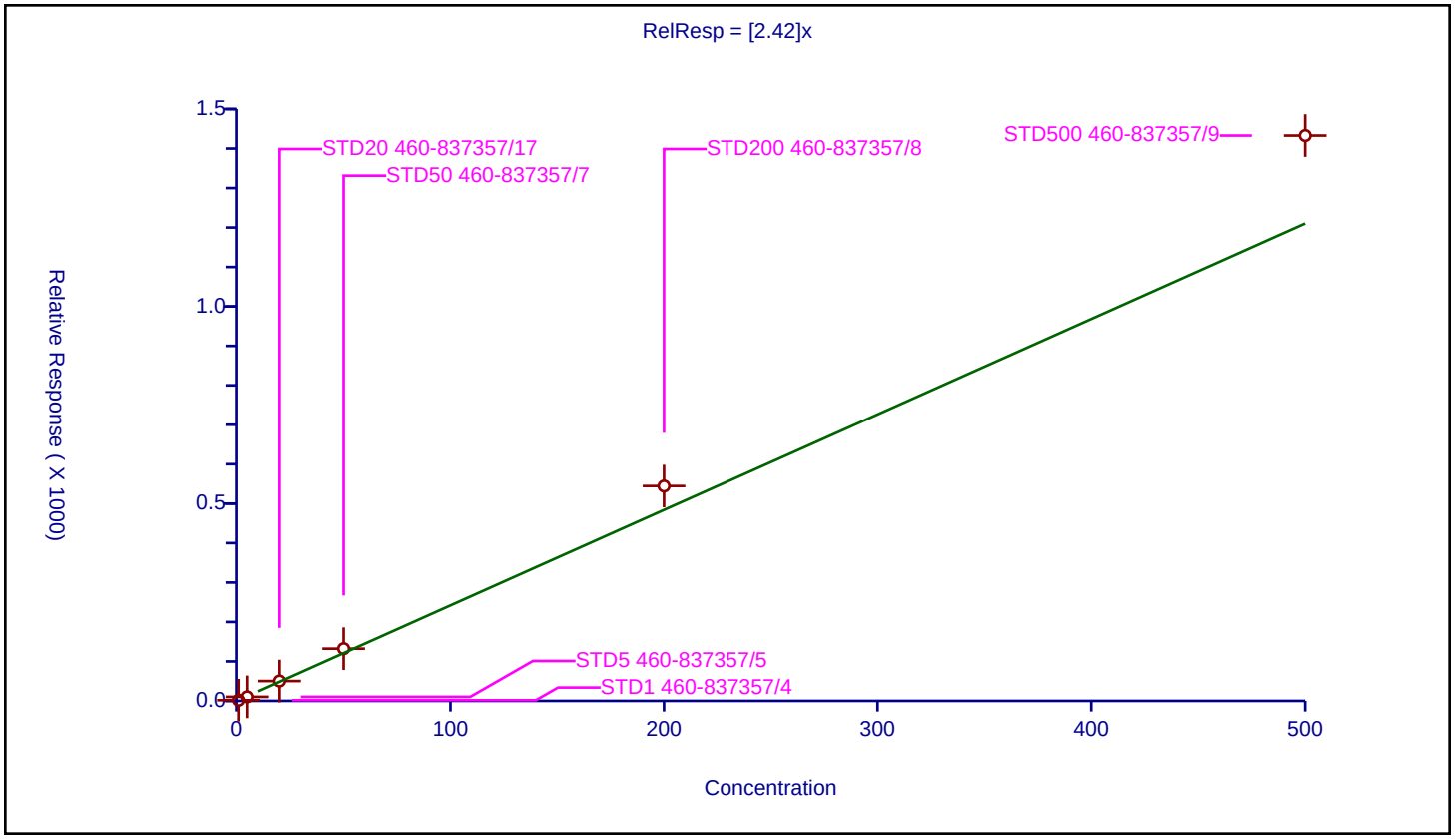
Curve Coefficients

Intercept:	0
Slope:	2.42

Error Coefficients

Standard Error:	3570000
Relative Standard Error:	18.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	1.735665	50.0	156309.0	1.735665	Y
2	STD5 460-837357/5	5.0	10.190659	50.0	133799.0	2.038132	Y
3	STD20 460-837357/17	20.0	50.271157	50.0	167062.0	2.513558	Y
4	STD50 460-837357/7	50.0	132.289825	50.0	173070.0	2.645796	Y
5	STD200 460-837357/8	200.0	544.619857	50.0	232531.0	2.723099	Y
6	STD500 460-837357/9	500.0	1432.911042	50.0	263641.0	2.865822	Y



Calibration / Benzyl chloride

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

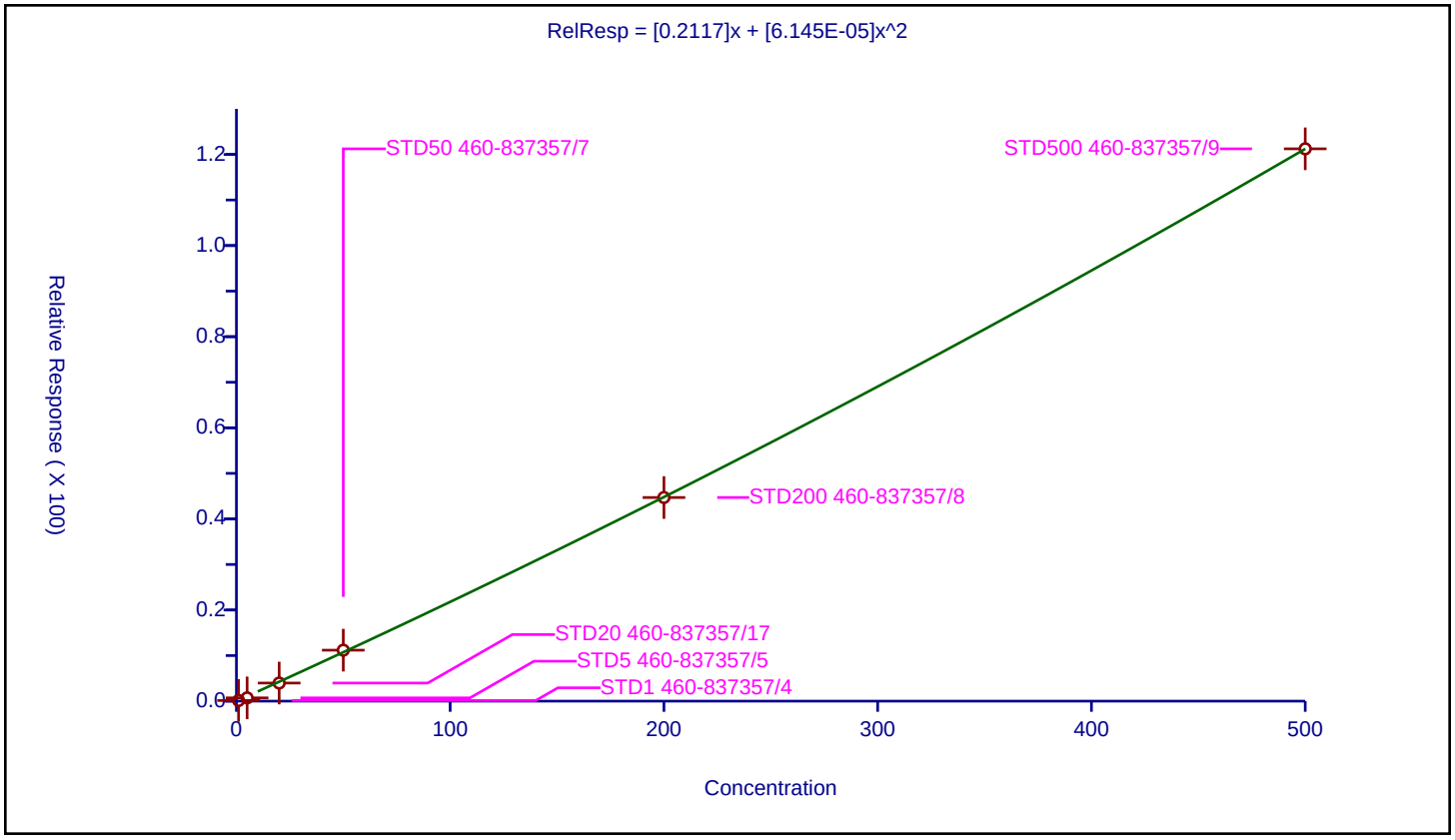
Curve Coefficients

Intercept:	0
Slope:	0.2117
Second Order:	6.145E-05

Error Coefficients

Standard Error:	337000
Relative Standard Error:	24.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.135629	50.0	156309.0	0.135629	Y
2	STD5 460-837357/5	5.0	0.715252	50.0	133799.0	0.14305	Y
3	STD20 460-837357/17	20.0	3.972777	50.0	167062.0	0.198639	Y
4	STD50 460-837357/7	50.0	11.187092	50.0	173070.0	0.223742	Y
5	STD200 460-837357/8	200.0	44.695546	50.0	232531.0	0.223478	Y
6	STD500 460-837357/9	500.0	121.237592	50.0	263641.0	0.242475	Y



Calibration / 2,3-Dihydroindene

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

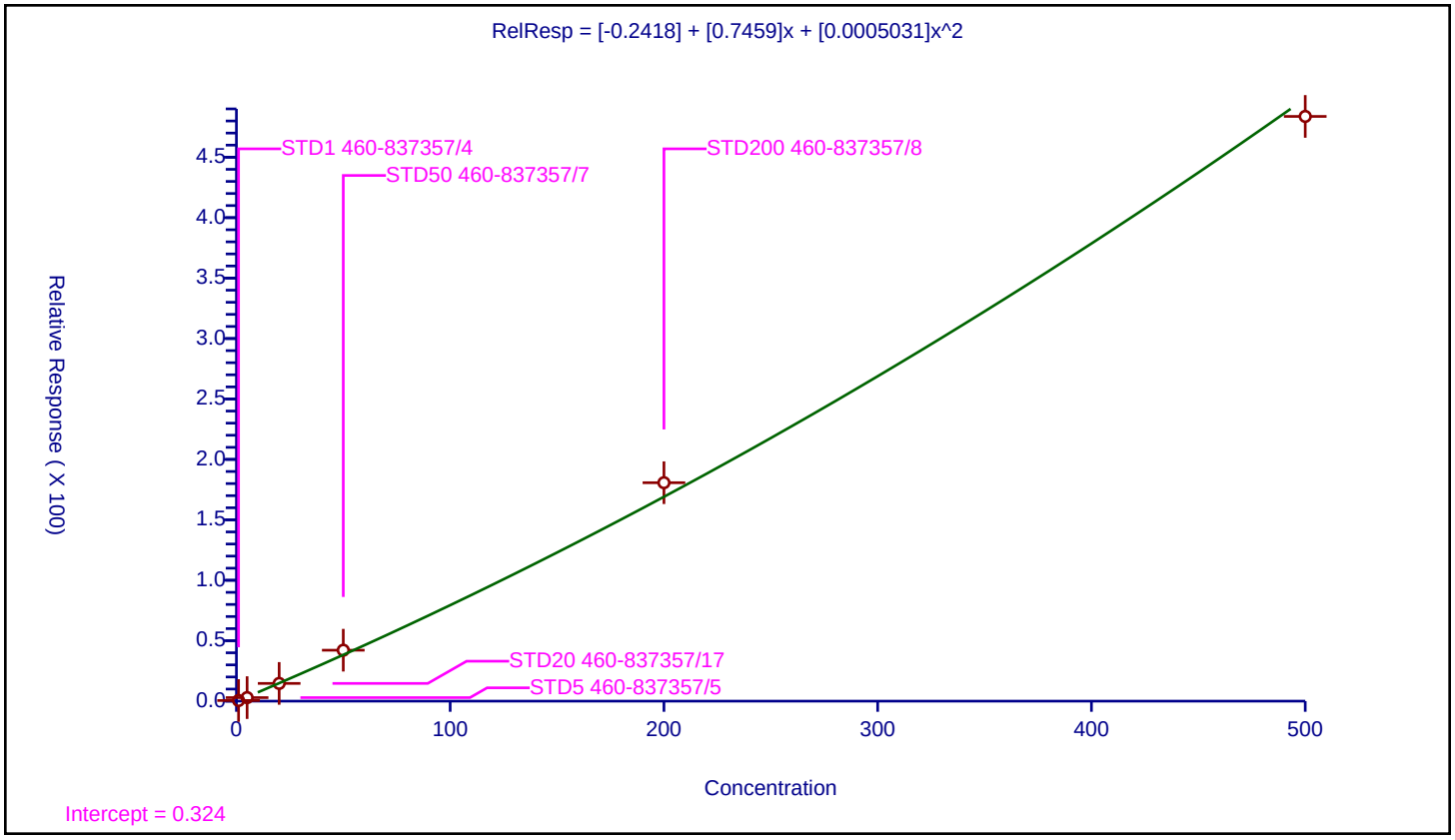
Curve Coefficients

Intercept:	-0.2418
Slope:	0.7459
Second Order:	0.0005031

Error Coefficients

Standard Error:	3990000
Relative Standard Error:	11.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.526692	50.0	476085.0	0.526692	Y
2	STD5 460-837357/5	5.0	2.918276	50.0	440774.0	0.583655	Y
3	STD20 460-837357/17	20.0	14.655595	50.0	516615.0	0.73278	Y
4	STD50 460-837357/7	50.0	42.135165	50.0	497156.0	0.842703	Y
5	STD200 460-837357/8	200.0	180.73495	50.0	617865.0	0.903675	Y
6	STD500 460-837357/9	500.0	483.772581	50.0	675132.0	0.967545	Y



Calibration / 1,2-Dichlorobenzene

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

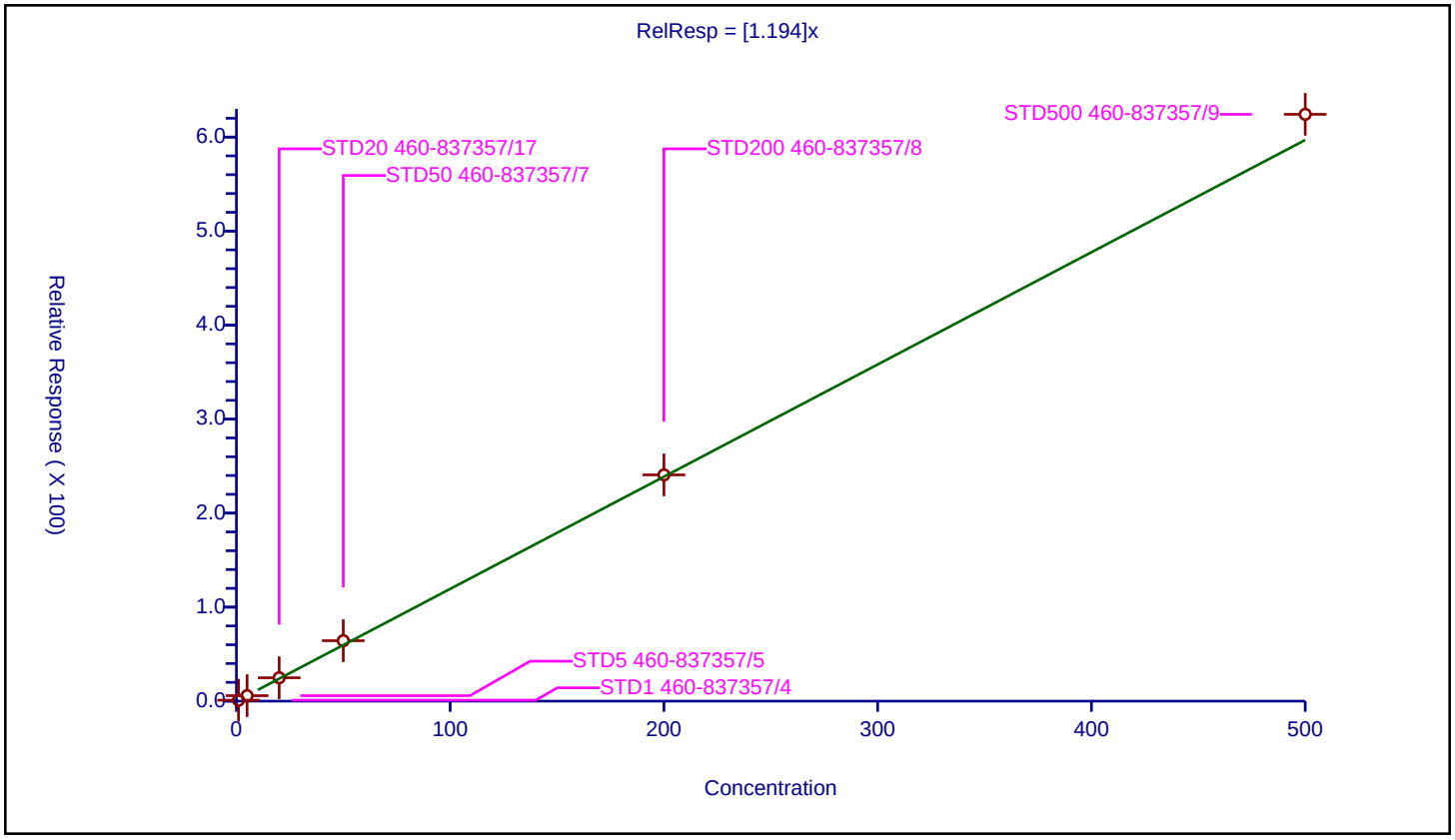
Curve Coefficients

Intercept:	0
Slope:	1.194

Error Coefficients

Standard Error:	1560000
Relative Standard Error:	8.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	1.019135	50.0	156309.0	1.019135	Y
2	STD5 460-837357/5	5.0	5.813571	50.0	133799.0	1.162714	Y
3	STD20 460-837357/17	20.0	24.865619	50.0	167062.0	1.243281	Y
4	STD50 460-837357/7	50.0	64.285838	50.0	173070.0	1.285717	Y
5	STD200 460-837357/8	200.0	240.685328	50.0	232531.0	1.203427	Y
6	STD500 460-837357/9	500.0	624.233901	50.0	263641.0	1.248468	Y



Calibration / p-Diethylbenzene

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

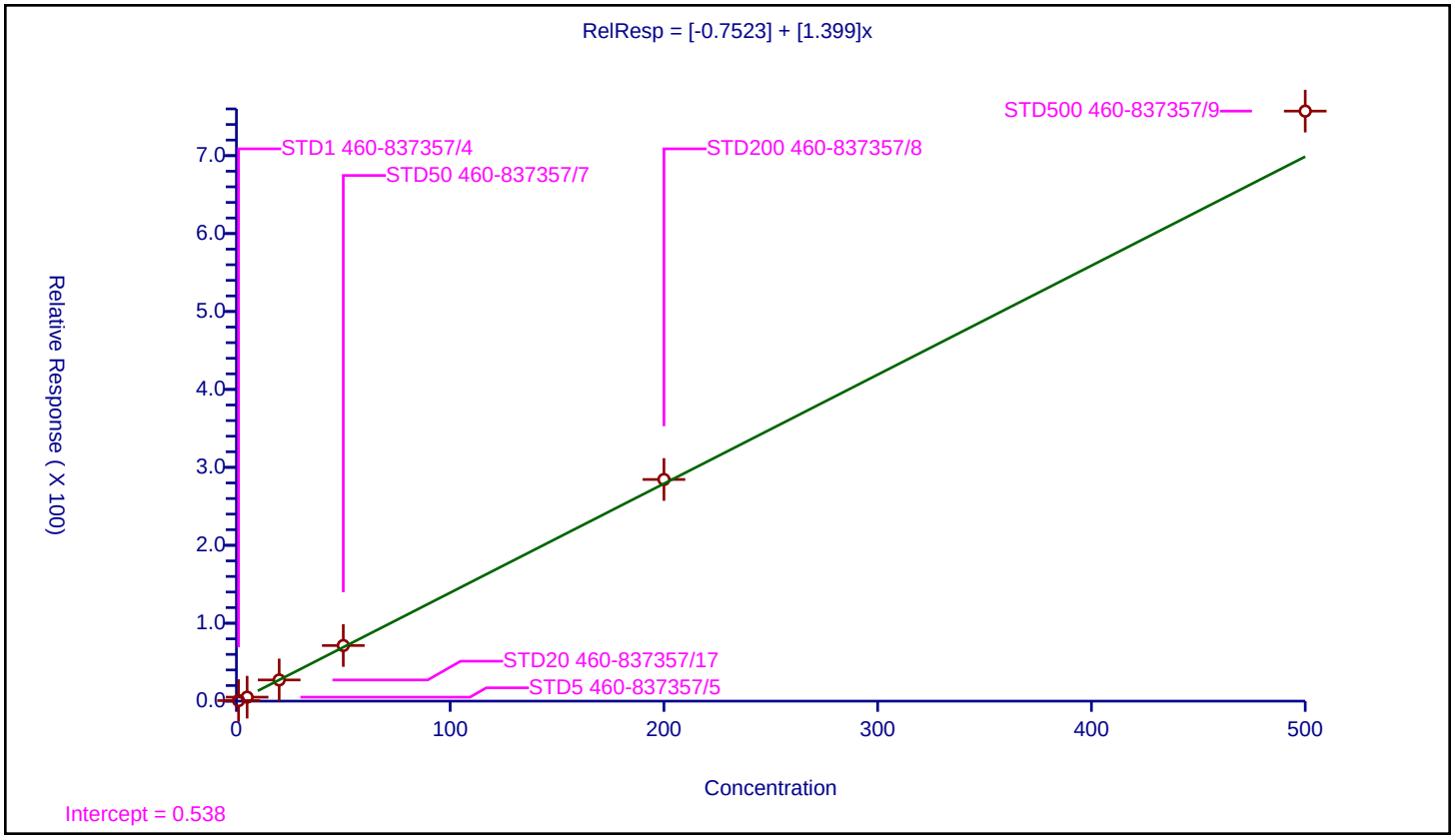
Curve Coefficients

Intercept:	-0.7523
Slope:	1.399

Error Coefficients

Standard Error:	2110000
Relative Standard Error:	9.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.691579	50.0	156309.0	0.691579	Y
2	STD5 460-837357/5	5.0	5.094208	50.0	133799.0	1.018842	Y
3	STD20 460-837357/17	20.0	27.178533	50.0	167062.0	1.358927	Y
4	STD50 460-837357/7	50.0	71.377766	50.0	173070.0	1.427555	Y
5	STD200 460-837357/8	200.0	284.451105	50.0	232531.0	1.422256	Y
6	STD500 460-837357/9	500.0	757.164667	50.0	263641.0	1.514329	Y



Calibration / n-Butylbenzene

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

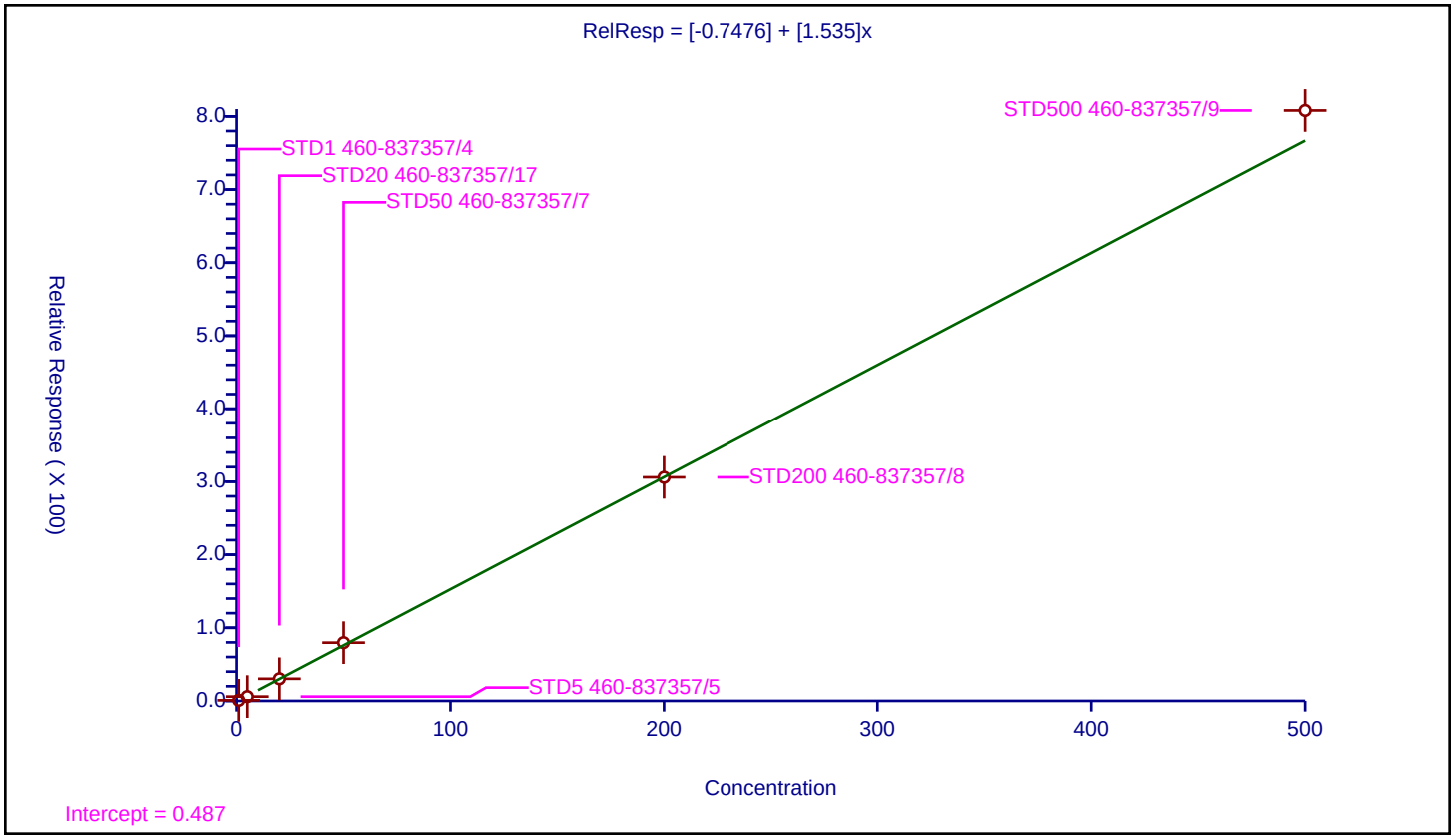
Curve Coefficients

Intercept:	-0.7476
Slope:	1.535

Error Coefficients

Standard Error:	2250000
Relative Standard Error:	7.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.826888	50.0	156309.0	0.826888	Y
2	STD5 460-837357/5	5.0	5.888684	50.0	133799.0	1.177737	Y
3	STD20 460-837357/17	20.0	30.26152	50.0	167062.0	1.513076	Y
4	STD50 460-837357/7	50.0	79.648408	50.0	173070.0	1.592968	Y
5	STD200 460-837357/8	200.0	306.005006	50.0	232531.0	1.530025	Y
6	STD500 460-837357/9	500.0	808.056789	50.0	263641.0	1.616114	Y



Calibration / 1,2-Dibromo-3-Chloropropane

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

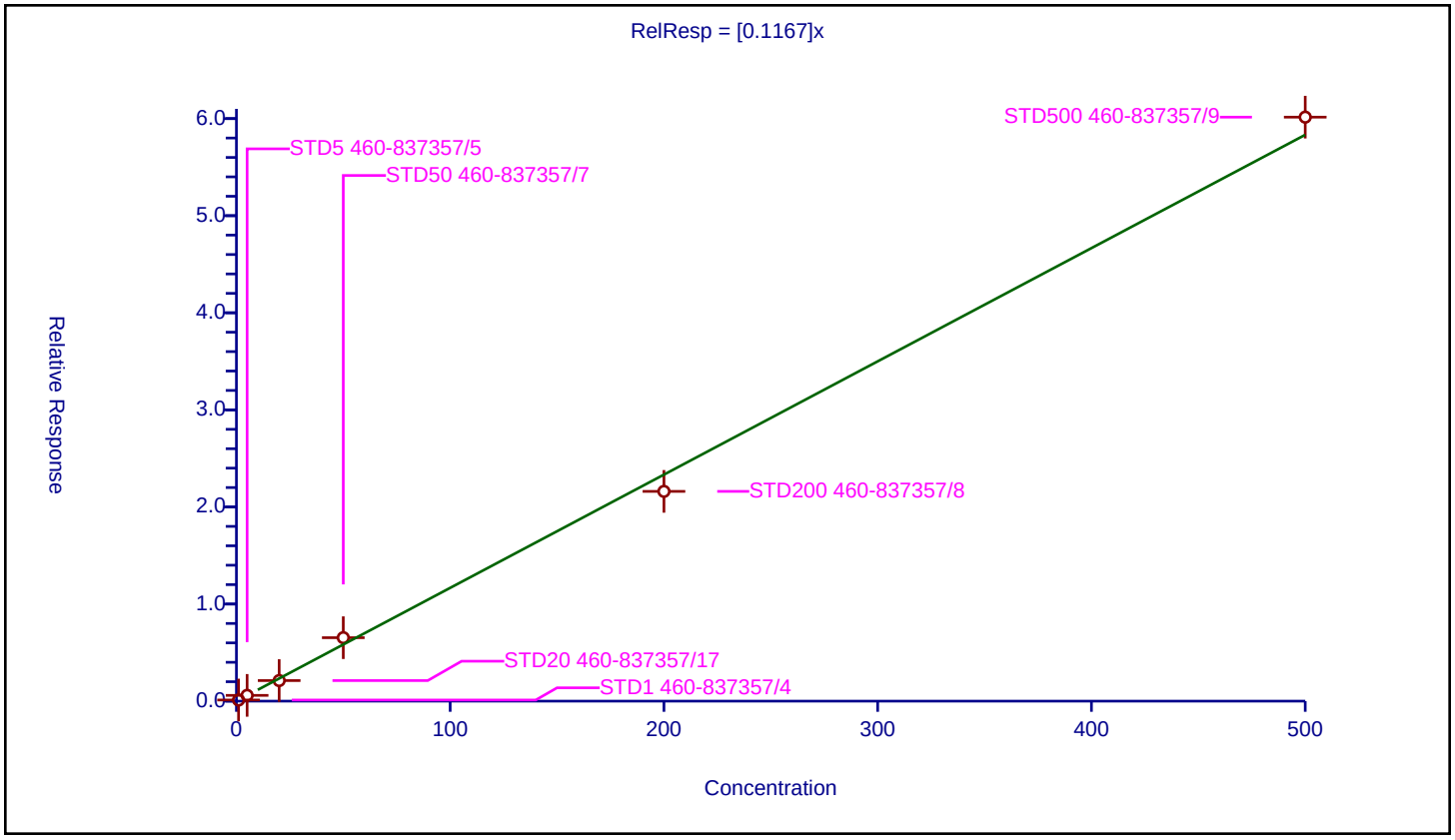
Curve Coefficients

Intercept:	0
Slope:	0.1167

Error Coefficients

Standard Error:	149000
Relative Standard Error:	7.7
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.116116	50.0	156309.0	0.116116	Y
2	STD5 460-837357/5	5.0	0.594175	50.0	133799.0	0.118835	Y
3	STD20 460-837357/17	20.0	2.118974	50.0	167062.0	0.105949	Y
4	STD50 460-837357/7	50.0	6.535217	50.0	173070.0	0.130704	Y
5	STD200 460-837357/8	200.0	21.604861	50.0	232531.0	0.108024	Y
6	STD500 460-837357/9	500.0	60.14827	50.0	263641.0	0.120297	Y



Calibration / 1,2,4,5-Tetramethylbenzene

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

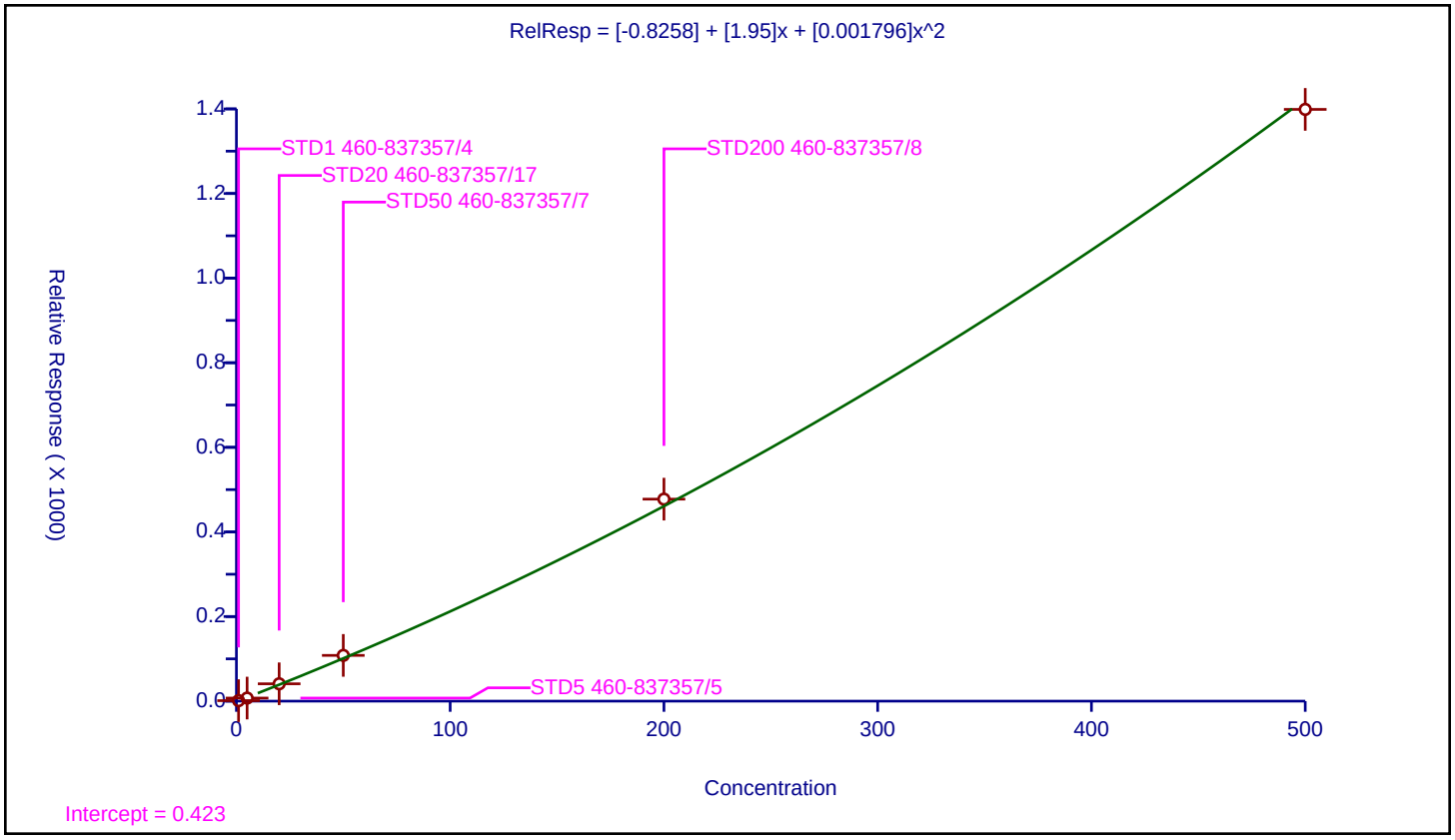
Curve Coefficients

Intercept:	-0.8258
Slope:	1.95
Second Order:	0.001796

Error Coefficients

Standard Error:	4450000
Relative Standard Error:	11.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	1.185152	50.0	156309.0	1.185152	Y
2	STD5 460-837357/5	5.0	7.266123	50.0	133799.0	1.453225	Y
3	STD20 460-837357/17	20.0	41.004837	50.0	167062.0	2.050242	Y
4	STD50 460-837357/7	50.0	108.118969	50.0	173070.0	2.162379	Y
5	STD200 460-837357/8	200.0	477.494829	50.0	232531.0	2.387474	Y
6	STD500 460-837357/9	500.0	1398.791349	50.0	263641.0	2.797583	Y



Calibration / 1,3,5-Trichlorobenzene

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

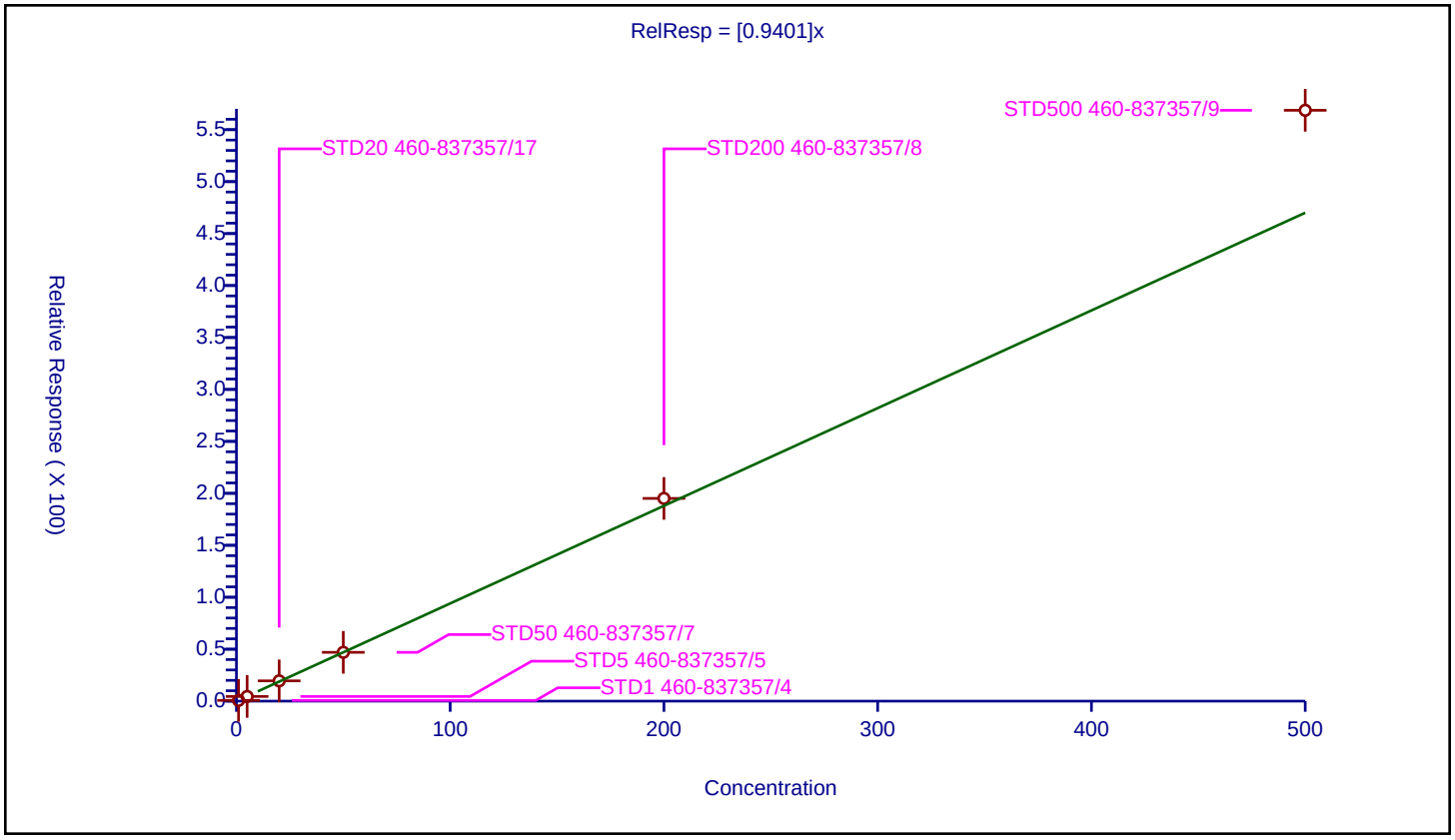
Curve Coefficients

Intercept:	0
Slope:	0.9401

Error Coefficients

Standard Error:	1400000
Relative Standard Error:	14.6
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.713331	50.0	156309.0	0.713331	Y
2	STD5 460-837357/5	5.0	4.491812	50.0	133799.0	0.898362	Y
3	STD20 460-837357/17	20.0	19.526583	50.0	167062.0	0.976329	Y
4	STD50 460-837357/7	50.0	46.970301	50.0	173070.0	0.939406	Y
5	STD200 460-837357/8	200.0	195.11979	50.0	232531.0	0.975599	Y
6	STD500 460-837357/9	500.0	568.638983	50.0	263641.0	1.137278	Y



Calibration / 1,2,4-Trichlorobenzene

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

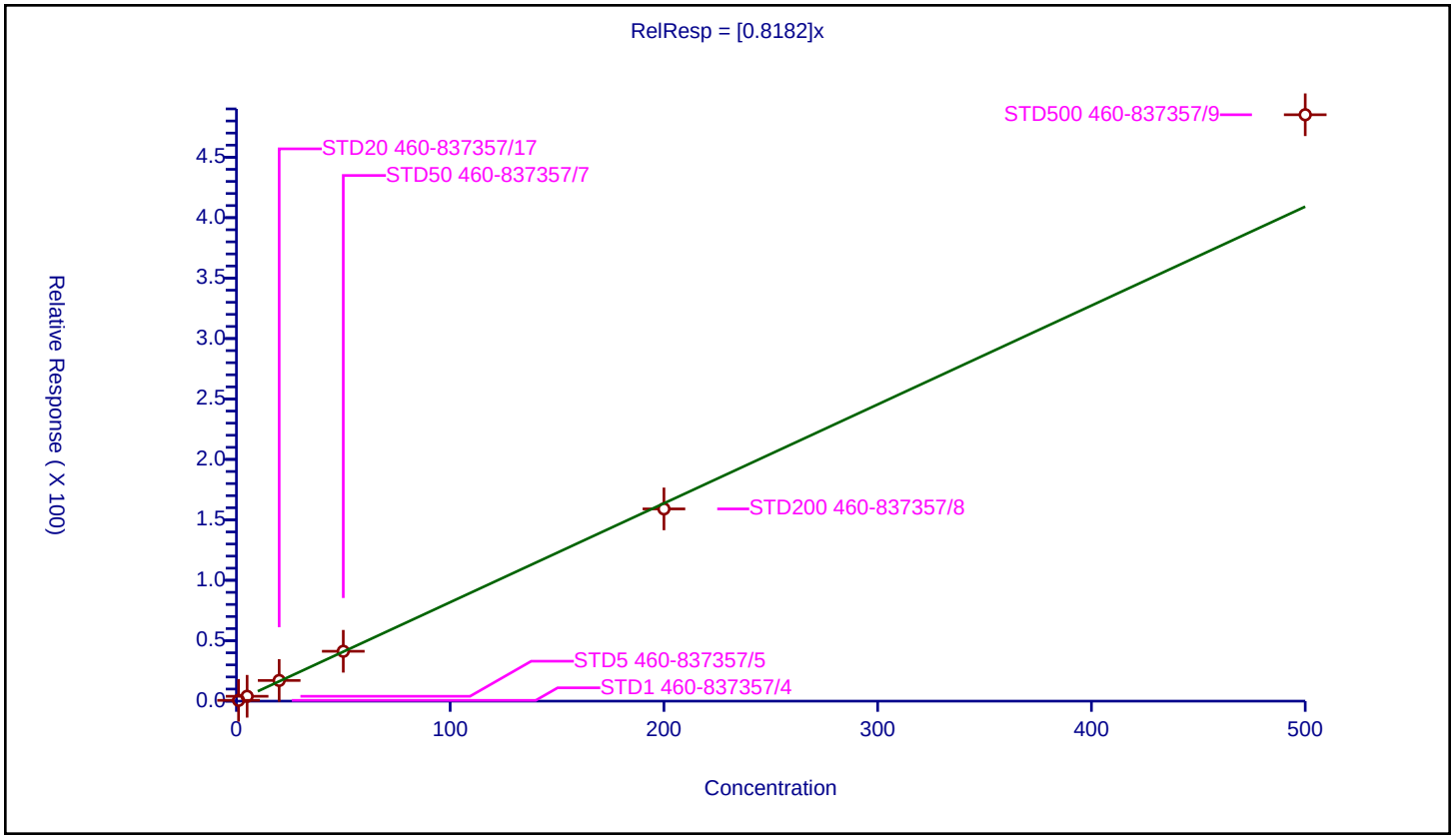
Curve Coefficients

Intercept:	0
Slope:	0.8182

Error Coefficients

Standard Error:	1190000
Relative Standard Error:	12.3
Correlation Coefficient:	0.988
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.658311	50.0	156309.0	0.658311	Y
2	STD5 460-837357/5	5.0	4.023946	50.0	133799.0	0.804789	Y
3	STD20 460-837357/17	20.0	17.115203	50.0	167062.0	0.85576	Y
4	STD50 460-837357/7	50.0	41.25325	50.0	173070.0	0.825065	Y
5	STD200 460-837357/8	200.0	159.049331	50.0	232531.0	0.795247	Y
6	STD500 460-837357/9	500.0	485.146658	50.0	263641.0	0.970293	Y



Calibration / Hexachlorobutadiene

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

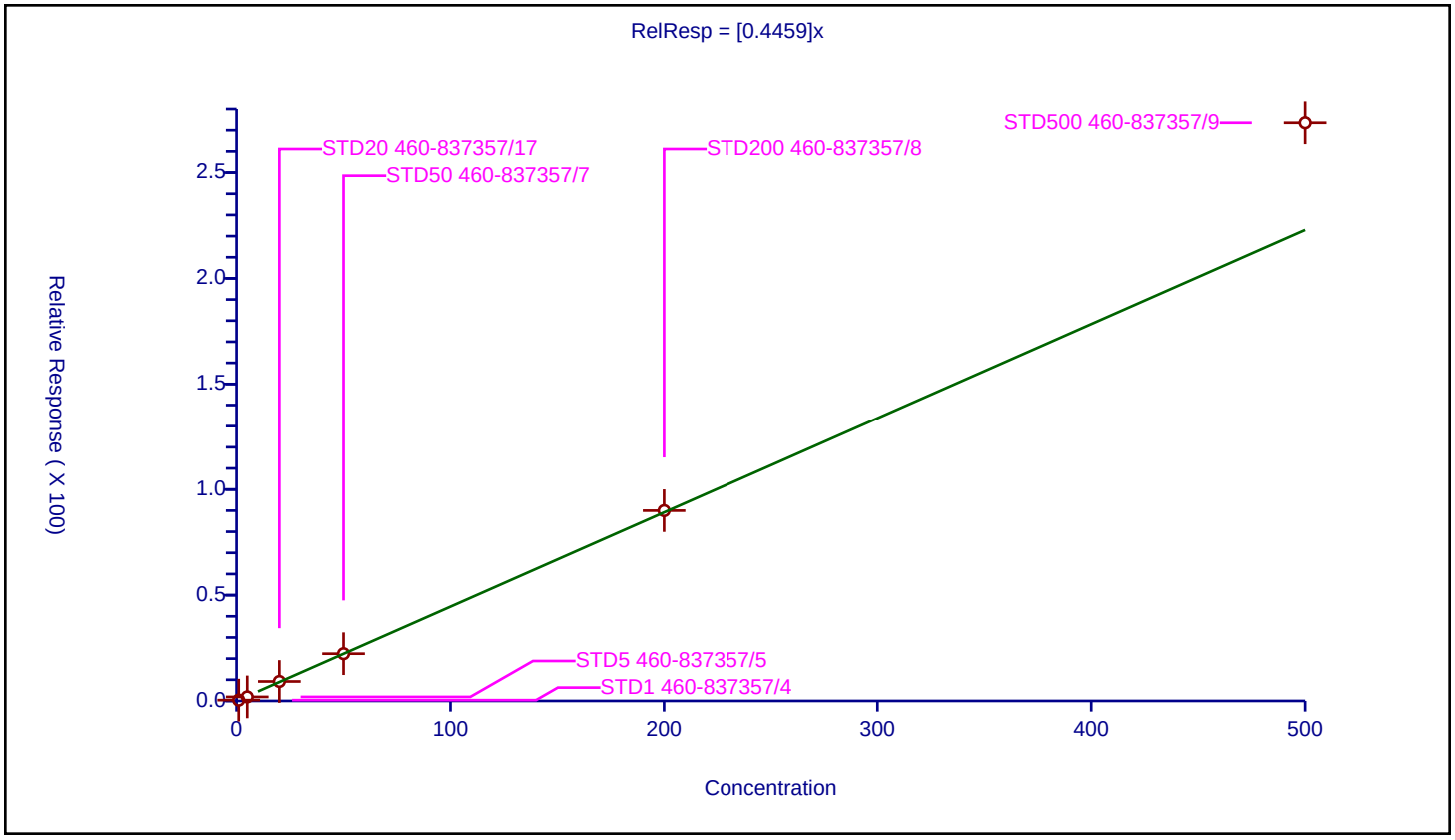
Curve Coefficients

Intercept:	0
Slope:	0.4459

Error Coefficients

Standard Error:	673000
Relative Standard Error:	13.3
Correlation Coefficient:	0.988
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.389613	50.0	156309.0	0.389613	Y
2	STD5 460-837357/5	5.0	1.909581	50.0	133799.0	0.381916	Y
3	STD20 460-837357/17	20.0	9.196286	50.0	167062.0	0.459814	Y
4	STD50 460-837357/7	50.0	22.335471	50.0	173070.0	0.446709	Y
5	STD200 460-837357/8	200.0	90.006709	50.0	232531.0	0.450034	Y
6	STD500 460-837357/9	500.0	273.515121	50.0	263641.0	0.54703	Y



Calibration / Naphthalene

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

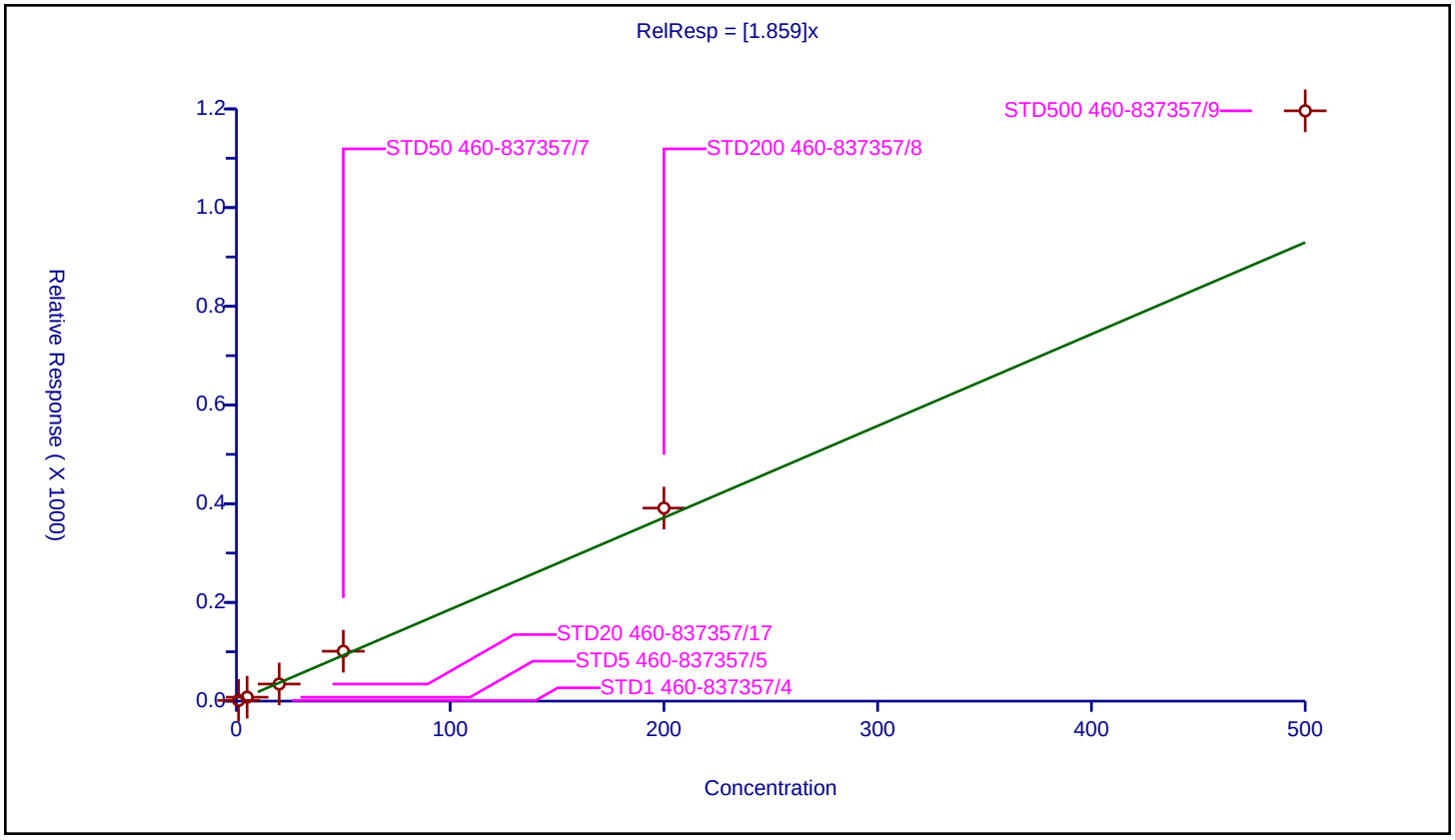
Curve Coefficients

Intercept:	0
Slope:	1.859

Error Coefficients

Standard Error:	2940000
Relative Standard Error:	18.1
Correlation Coefficient:	0.988
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	1.458329	50.0	156309.0	1.458329	Y
2	STD5 460-837357/5	5.0	7.962317	50.0	133799.0	1.592463	Y
3	STD20 460-837357/17	20.0	34.647017	50.0	167062.0	1.732351	Y
4	STD50 460-837357/7	50.0	101.088577	50.0	173070.0	2.021772	Y
5	STD200 460-837357/8	200.0	391.190852	50.0	232531.0	1.955954	Y
6	STD500 460-837357/9	500.0	1196.127309	50.0	263641.0	2.392255	Y



Calibration / 1,2,3-Trichlorobenzene

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

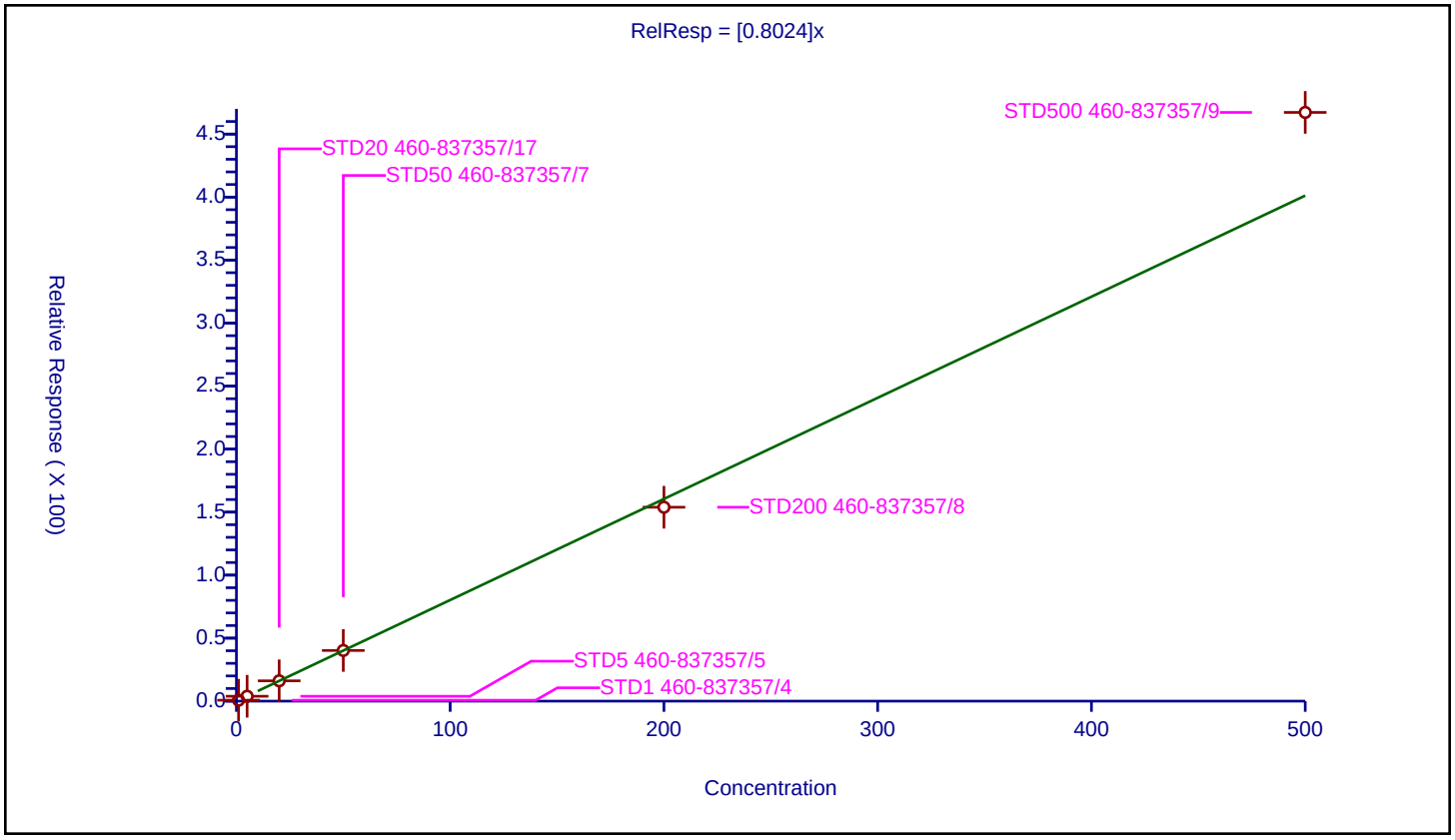
Curve Coefficients

Intercept:	0
Slope:	0.8024

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	8.9
Correlation Coefficient:	0.988
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-837357/4	1.0	0.723247	50.0	156309.0	0.723247	Y
2	STD5 460-837357/5	5.0	3.883811	50.0	133799.0	0.776762	Y
3	STD20 460-837357/17	20.0	16.120961	50.0	167062.0	0.806048	Y
4	STD50 460-837357/7	50.0	40.21032	50.0	173070.0	0.804206	Y
5	STD200 460-837357/8	200.0	153.893889	50.0	232531.0	0.769469	Y
6	STD500 460-837357/9	500.0	467.203887	50.0	263641.0	0.934408	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab Sample ID: ICV 460-836508/17 Calibration Date: 03/31/2022 05:47

Instrument ID: CVOAMS11 Calib Start Date: 03/31/2022 00:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/31/2022 02:44

Lab File ID: N47441.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.1246	0.0843		13.5	20.0	-32.4*	30.0
Dichlorodifluoromethane	Ave	0.3765	0.4041	0.1000	21.5	20.0	7.3	30.0
Chlorodifluoromethane	Ave	0.2930	0.2732		18.7	20.0	-6.7	30.0
Chloromethane	Ave	0.996	1.087	0.1000	21.8	20.0	9.2	30.0
Butadiene	Lin2		0.1890		19.1	20.0	-4.3	30.0
Vinyl chloride	Ave	0.3146	0.3124	0.1000	19.9	20.0	-0.7	30.0
Bromomethane	Ave	0.2434	0.2696	0.1000	22.2	20.0	10.8	30.0
Chloroethane	Ave	0.1662	0.1731	0.1000	20.8	20.0	4.1	30.0
Dichlorofluoromethane	Ave	0.4915	0.4947		20.1	20.0	0.7	30.0
Trichlorofluoromethane	Ave	0.4278	0.4435	0.1000	20.7	20.0	3.7	30.0
Pentane	Ave	7.621	8.345		43.8	40.0	9.5	30.0
Ethanol	Lin2		0.2618		796	800	-0.5	30.0
Ethyl ether	Ave	0.1504	0.1613		21.5	20.0	7.3	30.0
2-Methyl-1,3-butadiene	Ave	0.1543	0.1622		21.0	20.0	5.1	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2711	0.2563		18.9	20.0	-5.5	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3571	0.3360		18.8	20.0	-5.9	30.0
Acrolein	Ave	6.940	4.821		27.8	40.1	-30.5*	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1957	0.1875	0.1000	19.2	20.0	-4.2	30.0
1,1-Dichloroethene	Ave	0.2757	0.2960	0.1000	21.5	20.0	7.4	30.0
Acetone	Ave	0.2890	0.2990	0.0500	103	100	3.5	30.0
Iodomethane	Ave	0.5812	0.6418		22.1	20.0	10.4	30.0
Isopropyl alcohol	Ave	3.470	3.355		193	200	-3.3	30.0
Carbon disulfide	Ave	0.8787	0.9469	0.1000	21.6	20.0	7.8	30.0
3-Chloro-1-propene	Ave	0.1926	0.2357		24.5	20.0	22.4	30.0
Methyl acetate	Ave	13.12	14.17	0.1000	43.2	40.0	8.0	30.0
Cyclopentene	Ave	0.5280	0.5368		20.3	20.0	1.7	30.0
Acetonitrile	Ave	7.678	7.727		201	200	0.6	30.0
Methylene Chloride	Ave	0.3183	0.3433	0.1000	21.6	20.0	7.9	30.0
2-Methyl-2-propanol	Ave	6.924	6.659		192	200	-3.8	30.0
Methyl tert-butyl ether	Ave	0.6716	0.7094	0.1000	21.1	20.0	5.6	30.0
trans-1,2-Dichloroethene	Ave	0.3233	0.3355	0.1000	20.8	20.0	3.8	30.0
Acrylonitrile	Ave	24.90	24.48		197	200	-1.7	30.0
Hexane	Ave	0.0816	0.0816		20.0	20.0	-0.0	30.0
Isopropyl ether	Ave	0.6284	0.5943		18.9	20.0	-5.4	30.0
1,1-Dichloroethane	Ave	0.4528	0.4548	0.2000	20.1	20.0	0.4	30.0
Vinyl acetate	Ave	0.7306	0.8066		44.2	40.0	10.4	30.0
2-Chloro-1,3-butadiene	Ave	0.2573	0.2498		19.4	20.0	-2.9	30.0
Tert-butyl ethyl ether	Ave	0.6220	0.6439		20.7	20.0	3.5	30.0
2,2-Dichloropropane	Ave	0.1190	0.1231		20.7	20.0	3.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab Sample ID: ICV 460-836508/17 Calibration Date: 03/31/2022 05:47

Instrument ID: CVOAMS11 Calib Start Date: 03/31/2022 00:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/31/2022 02:44

Lab File ID: N47441.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.3484	0.3622	0.1000	20.8	20.0	4.0	30.0
2-Butanone (MEK)	Ave	0.4293	0.4132	0.0500	96.2	100	-3.8	30.0
Ethyl acetate	Ave	0.3740	0.3720		39.8	40.0	-0.5	30.0
Methyl acrylate	Ave	0.1978	0.1827		18.5	20.0	-7.7	30.0
Propionitrile	Ave	9.697	9.437		195	200	-2.7	30.0
Chlorobromomethane	Ave	0.2024	0.2029		20.1	20.0	0.3	30.0
Tetrahydrofuran	Ave	0.4594	0.4576		39.8	40.0	-0.4	30.0
Methacrylonitrile	Ave	0.1115	0.1124		202	200	0.8	30.0
Chloroform	Ave	0.5065	0.5170	0.2000	20.4	20.0	2.1	30.0
Cyclohexane	Ave	0.2999	0.2820	0.1000	18.8	20.0	-6.0	30.0
1,1,1-Trichloroethane	Ave	0.4245	0.4244	0.1000	20.0	20.0	-0.0	30.0
Carbon tetrachloride	Ave	0.3741	0.3645	0.1000	19.5	20.0	-2.6	30.0
1,1-Dichloropropene	Ave	0.3532	0.3443		19.5	20.0	-2.5	30.0
Isobutyl alcohol	Ave	2.879	2.554		444	500	-11.3	30.0
Isooctane	Ave	0.2394	0.2272		19.0	20.0	-5.1	30.0
Benzene	Ave	1.337	1.323	0.5000	19.8	20.0	-1.0	30.0
Isopropyl acetate	Ave	0.5493	0.5217		19.0	20.0	-5.0	30.0
Tert-amyl methyl ether	Ave	0.7281	0.7461		20.5	20.0	2.5	30.0
1,2-Dichloroethane	Ave	0.3574	0.3493	0.1000	19.5	20.0	-2.3	30.0
n-Heptane	Ave	0.0681	0.0642		18.9	20.0	-5.6	30.0
n-Butanol	QuaF		1.487		404	500	-19.1	30.0
Trichloroethene	Ave	0.2990	0.2899	0.2000	19.4	20.0	-3.0	30.0
Methylcyclohexane	Ave	0.2485	0.2406	0.1000	19.4	20.0	-3.2	30.0
Ethyl acrylate	Ave	0.0407	0.0393		19.3	20.0	-3.4	30.0
1,2-Dichloropropane	Ave	0.2444	0.2349	0.1000	19.2	20.0	-3.9	30.0
Methyl methacrylate	Ave	0.0811	0.0796		39.3	40.0	-1.9	30.0
1,4-Dioxane	Lin2		1.084		330	400	-17.5	30.0
Dibromomethane	Ave	0.1992	0.1952		19.6	20.0	-2.0	30.0
n-Propyl acetate	Ave	0.2949	0.2654		18.0	20.0	-10.0	30.0
Dichlorobromomethane	Ave	0.3680	0.3642	0.2000	19.8	20.0	-1.0	30.0
2-Nitropropane	Ave	15.50	13.83		35.7	40.0	-10.8	30.0
2-Chloroethyl vinyl ether	Ave	0.1144	0.1101		19.2	20.0	-3.8	30.0
Epichlorohydrin	Ave	0.2808	0.3218		22.9	20.0	14.6	30.0
cis-1,3-Dichloropropene	Ave	0.5133	0.5047	0.2000	19.7	20.0	-1.7	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.330	2.358	0.0500	101	100	1.2	30.0
Toluene	Ave	1.428	1.399	0.4000	19.6	20.0	-2.1	30.0
trans-1,3-Dichloropropene	Ave	0.4577	0.4645	0.1000	20.3	20.0	1.5	30.0
Ethyl methacrylate	Lin2		0.2647		17.9	20.0	-10.3	30.0
1,1,2-Trichloroethane	Ave	0.2581	0.2636	0.1000	20.4	20.0	2.1	30.0
Tetrachloroethene	Ave	0.3297	0.3429	0.2000	20.8	20.0	4.0	30.0
1,3-Dichloropropane	Ave	0.4769	0.4842		20.3	20.0	1.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab Sample ID: ICV 460-836508/17 Calibration Date: 03/31/2022 05:47

Instrument ID: CVOAMS11 Calib Start Date: 03/31/2022 00:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/31/2022 02:44

Lab File ID: N47441.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Lin2		1.012	0.0500	99.2	100	-0.8	30.0
n-Butyl acetate	Ave	0.3424	0.3248		19.0	20.0	-5.1	30.0
Chlorodibromomethane	Ave	0.3721	0.3736	0.1000	20.1	20.0	0.4	30.0
Ethylene Dibromide	Ave	0.3452	0.3561	0.1000	20.6	20.0	3.1	30.0
Chlorobenzene	Ave	0.9917	1.026	0.5000	20.7	20.0	3.5	30.0
Ethylbenzene	Ave	0.4808	0.4899	0.1000	20.4	20.0	1.9	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3910	0.3840		19.6	20.0	-1.8	30.0
m-Xylene & p-Xylene	Ave	0.5690	0.5852	0.1000	20.6	20.0	2.9	30.0
n-Butyl acrylate	Ave	0.2218	0.1995		18.0	20.0	-10.0	30.0
o-Xylene	Ave	0.5956	0.6178	0.3000	20.7	20.0	3.7	30.0
Styrene	Lin2		0.9003	0.3000	18.0	20.0	-10.0	30.0
Amyl acetate (mixed isomers)	Ave	0.7254	0.6285		17.3	20.0	-13.4	30.0
Bromoform	Ave	0.4220	0.4172	0.1000	19.8	20.0	-1.1	30.0
Isopropylbenzene	Ave	1.344	1.330	0.1000	19.8	20.0	-1.0	30.0
Bromobenzene	Ave	0.7549	0.7612		20.2	20.0	0.8	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7792	0.7616	0.3000	19.5	20.0	-2.3	30.0
N-Propylbenzene	Ave	2.405	2.417		20.1	20.0	0.5	30.0
1,2,3-Trichloropropane	Ave	0.2503	0.2529		20.2	20.0	1.1	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1502	0.1350		18.0	20.0	-10.1	30.0
2-Chlorotoluene	Ave	1.938	1.913		19.7	20.0	-1.3	30.0
4-Ethyltoluene	Ave	2.203	2.183		19.8	20.0	-0.9	30.0
1,3,5-Trimethylbenzene	Ave	1.846	1.860		20.2	20.0	0.8	30.0
4-Chlorotoluene	Ave	1.810	1.846		20.4	20.0	2.0	30.0
Butyl Methacrylate	QuaF		0.4616		12.2	20.0	-39.2*	30.0
tert-Butylbenzene	Ave	1.406	1.405		20.0	20.0	-0.0	30.0
1,2,4-Trimethylbenzene	Ave	1.975	2.007		20.3	20.0	1.6	30.0
sec-Butylbenzene	Ave	1.907	1.878		19.7	20.0	-1.5	30.0
1,3-Dichlorobenzene	Ave	1.313	1.315	0.6000	20.0	20.0	0.1	30.0
4-Isopropyltoluene	Ave	1.668	1.714		20.6	20.0	2.8	30.0
1,4-Dichlorobenzene	Ave	1.387	1.419	0.5000	20.5	20.0	2.3	30.0
1,2,3-Trimethylbenzene	Ave	2.340	2.258		19.3	20.0	-3.5	30.0
Benzyl chloride	Ave	0.3440	0.3569		20.8	20.0	3.8	30.0
Indan	Ave	2.449	2.400		19.6	20.0	-2.0	30.0
p-Diethylbenzene	Ave	0.8946	1.006		22.5	20.0	12.4	30.0
n-Butylbenzene	Ave	0.7669	0.7316		19.1	20.0	-4.6	30.0
1,2-Dichlorobenzene	Ave	1.382	1.406	0.4000	20.3	20.0	1.7	30.0
1,2,4,5-Tetramethylbenzene	Ave	1.625	1.526		18.8	20.0	-6.1	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2077	0.1964	0.0500	18.9	20.0	-5.4	30.0
1,3,5-Trichlorobenzene	Ave	0.6748	0.6887		20.4	20.0	2.1	30.0
1,2,4-Trichlorobenzene	Ave	0.6306	0.6354	0.2000	20.2	20.0	0.8	30.0
Hexachlorobutadiene	Ave	0.1677	0.1605		19.1	20.0	-4.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab Sample ID: ICV 460-836508/17 Calibration Date: 03/31/2022 05:47

Instrument ID: CVOAMS11 Calib Start Date: 03/31/2022 00:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/31/2022 02:44

Lab File ID: N47441.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.161	2.112		19.5	20.0	-2.3	30.0
1,2,3-Trichlorobenzene	Ave	0.5251	0.5212		19.9	20.0	-0.7	30.0
Dibromofluoromethane (Surr)	Ave	0.2978	0.2947		49.5	50.0	-1.1	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2745	0.2613		47.6	50.0	-4.8	30.0
Toluene-d8 (Surr)	Ave	1.243	1.213		48.8	50.0	-2.4	30.0
4-Bromofluorobenzene	Ave	0.3625	0.3537		48.8	50.0	-2.4	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47441.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 31-Mar-2022 05:47:30 ALS Bottle#: 25 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0143422-017
Operator ID: Instrument ID: CVOAMS11
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Mar-2022 18:01:44 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: delpolitov Date: 31-Mar-2022 18:07:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	1.328	1.322	0.006	61	19881	20.0	13.5	
5 Dichlorodifluoromethane	85	1.365	1.353	0.012	99	95347	20.0	21.5	
6 Chlorodifluoromethane	51	1.377	1.371	0.006	96	64467	20.0	18.7	
7 Chloromethane	52	1.468	1.474	-0.006	98	19682	20.0	21.8	
8 Vinyl chloride	62	1.584	1.584	0.000	97	73693	20.0	19.9	
9 Butadiene	54	1.584	1.584	0.000	71	44599	20.0	19.1	
10 Bromomethane	94	1.833	1.833	0.000	99	63611	20.0	22.2	
11 Chloroethane	64	1.912	1.912	0.000	99	40829	20.0	20.8	
12 Dichlorofluoromethane	67	2.089	2.089	0.000	98	116724	20.0	20.1	
13 Trichlorofluoromethane	101	2.089	2.095	-0.006	96	104640	20.0	20.7	
14 Pentane	72	2.119	2.113	0.006	97	14184	40.0	43.8	
15 Ethanol	46	2.278	2.271	0.007	62	8899	800.0	796.2	a
16 Ethyl ether	74	2.302	2.296	0.006	93	38062	20.0	21.5	
17 2-Methyl-1,3-butadiene	53	2.314	2.314	0.000	93	38258	20.0	21.0	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	2.344	2.338	0.006	86	60459	20.0	18.9	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.399	2.399	0.000	90	79270	20.0	18.8	a
20 Acrolein	56	2.460	2.460	0.000	92	8205	40.1	27.8	
21 112TCTFE	101	2.478	2.478	0.000	92	44240	20.0	19.2	
22 1,1-Dichloroethene	96	2.490	2.490	0.000	93	69841	20.0	21.5	
23 Acetone	58	2.570	2.569	0.001	87	27070	100.0	103.5	
24 Iodomethane	142	2.636	2.636	0.000	97	151430	20.0	22.1	
25 Isopropyl alcohol	45	2.649	2.655	-0.006	34	28512	200.0	193.3	
26 Carbon disulfide	76	2.667	2.661	0.006	98	223405	20.0	21.6	
27 3-Chloro-1-propene	76	2.789	2.782	0.007	94	55613	20.0	24.5	a
28 Methyl acetate	74	2.795	2.795	0.000	96	24079	40.0	43.2	
29 Cyclopentene	67	2.807	2.807	0.000	93	126647	20.0	20.3	
30 Acetonitrile	41	2.843	2.849	-0.006	94	65672	200.0	201.3	a
* 31 TBA-d9 (IS)	66	2.892	2.904	-0.012	93	42494	1000.0	1000.0	
32 Methylene Chloride	84	2.910	2.904	0.006	83	80999	20.0	21.6	
33 2-Methyl-2-propanol	59	2.959	2.971	-0.012	98	56594	200.0	192.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Methyl tert-butyl ether	73	3.062	3.062	0.000	95	167359	20.0	21.1	
35 trans-1,2-Dichloroethene	96	3.081	3.080	0.001	88	79159	20.0	20.8	
36 Acrylonitrile	53	3.147	3.153	-0.006	92	208068	200.0	196.6	
37 Hexane	56	3.227	3.227	0.001	87	19254	20.0	20.0	
38 Isopropyl ether	45	3.427	3.433	-0.006	93	140208	20.0	18.9	
39 1,1-Dichloroethane	63	3.458	3.458	0.000	98	107297	20.0	20.1	
40 Vinyl acetate	86	3.470	3.470	0.000	99	29205	40.0	44.2	
41 2-Chloro-1,3-butadiene	88	3.500	3.500	0.000	87	58947	20.0	19.4	
42 Tert-butyl ethyl ether	59	3.738	3.738	0.000	92	151914	20.0	20.7	
* 43 2-Butanone-d5	46	3.920	3.914	0.006	99	226305	250.0	250.0	
44 2,2-Dichloropropane	79	3.938	3.932	0.006	92	29039	20.0	20.7	a
45 cis-1,2-Dichloroethene	96	3.957	3.957	0.000	95	85463	20.0	20.8	
46 2-Butanone (MEK)	72	3.969	3.969	0.000	98	37401	100.0	96.2	
47 Ethyl acetate	70	3.981	3.975	0.006	98	13470	40.0	39.8	
48 Methyl acrylate	55	4.024	4.023	0.001	98	43103	20.0	18.5	
49 Propionitrile	54	4.097	4.096	0.000	98	80207	200.0	194.7	
50 Tetrahydrofuran	72	4.170	4.176	-0.006	73	16569	40.0	39.8	
51 Chlorobromomethane	128	4.170	4.176	-0.006	71	47877	20.0	20.1	
52 Methacrylonitrile	67	4.200	4.194	0.006	88	265121	200.0	201.6	
53 Chloroform	83	4.224	4.224	0.000	99	121986	20.0	20.4	
54 Cyclohexane	84	4.352	4.346	0.006	82	66521	20.0	18.8	
55 1,1,1-Trichloroethane	97	4.364	4.364	0.000	97	100121	20.0	20.0	
$ 56 Dibromofluoromethane (Surr)	113	4.376	4.376	0.000	97	173793	50.0	49.5	
57 Carbon tetrachloride	117	4.480	4.480	0.000	96	86006	20.0	19.5	
58 1,1-Dichloropropene	75	4.510	4.504	0.006	97	81225	20.0	19.5	
59 Isobutyl alcohol	43	4.632	4.632	0.000	96	54269	500.0	443.6	
60 Isooctane	57	4.668	4.668	0.000	90	53605	20.0	19.0	a
61 Benzene	78	4.699	4.699	0.000	95	258337	20.0	19.8	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.711	4.711	0.000	91	154125	50.0	47.6	
64 Isopropyl acetate	43	4.760	4.760	0.000	85	123088	20.0	19.0	
63 Tert-amyl methyl ether	73	4.760	4.766	-0.006	89	176031	20.0	20.5	
65 1,2-Dichloroethane	62	4.790	4.784	0.006	99	82416	20.0	19.5	
66 n-Heptane	57	4.851	4.851	0.000	82	15155	20.0	18.9	
* 67 Fluorobenzene	96	4.979	4.979	0.000	100	589827	50.0	50.0	
68 n-Butanol	56	5.277	5.277	0.000	82	31594	500.0	404.3	
69 Trichloroethene	95	5.319	5.319	0.000	93	68393	20.0	19.4	
71 Methylcyclohexane	83	5.441	5.441	0.000	70	56757	20.0	19.4	
70 Ethyl acrylate	99	5.447	5.447	0.000	97	9273	20.0	19.3	
72 1,2-Dichloropropane	63	5.605	5.599	0.006	91	55427	20.0	19.2	
* 73 1,4-Dioxane-d8	96	5.654	5.654	0.000	75	34823	1000.0	1000.0	
74 Methyl methacrylate	100	5.684	5.684	0.000	78	37545	40.0	39.3	
75 1,4-Dioxane	88	5.709	5.709	0.000	81	15093	400.0	330.1	
76 Dibromomethane	93	5.727	5.727	0.000	95	46044	20.0	19.6	
77 n-Propyl acetate	43	5.739	5.739	0.000	95	62622	20.0	18.0	
78 Dichlorobromomethane	83	5.879	5.879	0.000	98	85926	20.0	19.8	
79 2-Nitropropane	41	6.208	6.214	-0.006	85	23512	40.0	35.7	
80 2-Chloroethyl vinyl ether	63	6.214	6.214	0.000	77	25968	20.0	19.2	
81 Epichlorohydrin	57	6.317	6.311	0.006	91	5826	20.0	22.9	
82 cis-1,3-Dichloropropene	75	6.366	6.366	0.000	88	98528	20.0	19.7	
83 4-Methyl-2-pentanone (MIBK)	43	6.536	6.536	0.000	91	213414	100.0	101.2	
$ 84 Toluene-d8 (Surr)	98	6.609	6.609	0.000	99	591948	50.0	48.8	
85 Toluene	91	6.682	6.682	0.000	93	273039	20.0	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	7.035	7.035	0.000	93	90680	20.0	20.3	
87 Ethyl methacrylate	69	7.065	7.065	0.000	85	62453	20.0	17.9	
88 1,1,2-Trichloroethane	83	7.242	7.242	0.000	95	51453	20.0	20.4	
89 Tetrachloroethene	166	7.278	7.278	0.000	96	66931	20.0	20.8	
90 1,3-Dichloropropane	76	7.449	7.449	0.001	88	94513	20.0	20.3	
91 2-Hexanone	58	7.515	7.515	0.000	92	91573	100.0	99.2	
92 n-Butyl acetate	43	7.637	7.637	0.000	96	63408	20.0	19.0	
93 Chlorodibromomethane	129	7.674	7.674	0.000	97	72932	20.0	20.1	
94 Ethylene Dibromide	107	7.820	7.820	0.000	100	69509	20.0	20.6	
* 95 Chlorobenzene-d5	117	8.361	8.367	-0.006	82	488032	50.0	50.0	
96 Chlorobenzene	112	8.398	8.398	0.000	99	200299	20.0	20.7	
97 Ethylbenzene	106	8.507	8.507	0.000	97	95625	20.0	20.4	
98 1,1,1,2-Tetrachloroethane	131	8.525	8.525	0.000	96	74967	20.0	19.6	
99 m-Xylene & p-Xylene	106	8.665	8.665	0.000	96	114245	20.0	20.6	
100 o-Xylene	106	9.182	9.182	0.000	95	120608	20.0	20.7	
101 n-Butyl acrylate	73	9.182	9.182	0.000	54	38941	20.0	18.0	
102 Styrene	104	9.219	9.219	0.000	98	175756	20.0	18.0	
104 Bromoform	173	9.462	9.462	0.000	95	45803	20.0	19.8	
103 Amyl acetate (mixed isomers)	43	9.462	9.462	0.000	92	68988	20.0	17.3	
105 Isopropylbenzene	105	9.614	9.614	0.000	94	259650	20.0	19.8	
$ 106 4-Bromofluorobenzene	174	9.839	9.839	0.000	94	172604	50.0	48.8	
107 Bromobenzene	156	9.979	9.979	0.000	91	83559	20.0	20.2	
108 1,1,2,2-Tetrachloroethane	83	10.046	10.046	0.000	97	83608	20.0	19.5	
109 N-Propylbenzene	91	10.071	10.071	0.000	100	265318	20.0	20.1	
110 1,2,3-Trichloropropane	110	10.095	10.095	0.000	95	27760	20.0	20.2	
111 trans-1,4-Dichloro-2-butene	53	10.119	10.119	0.000	88	14823	20.0	18.0	
112 2-Chlorotoluene	91	10.180	10.180	0.000	97	209946	20.0	19.7	
113 4-Ethyltoluene	105	10.198	10.198	0.000	98	239596	20.0	19.8	
114 1,3,5-Trimethylbenzene	105	10.271	10.271	0.000	94	204220	20.0	20.2	
115 4-Chlorotoluene	91	10.308	10.308	0.000	94	202589	20.0	20.4	
116 Butyl Methacrylate	87	10.393	10.393	0.000	83	50671	20.0	12.2	
117 tert-Butylbenzene	119	10.582	10.582	0.000	95	154219	20.0	20.0	
118 1,2,4-Trimethylbenzene	105	10.642	10.642	0.000	96	220326	20.0	20.3	
119 sec-Butylbenzene	105	10.795	10.794	0.001	99	206110	20.0	19.7	
120 1,3-Dichlorobenzene	146	10.928	10.928	0.000	98	144325	20.0	20.0	
121 4-Isopropyltoluene	119	10.934	10.934	0.000	98	188121	20.0	20.6	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	93	274435	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.020	11.020	0.000	97	155726	20.0	20.5	
124 1,2,3-Trimethylbenzene	105	11.044	11.044	0.000	97	247860	20.0	19.3	
125 Benzyl chloride	126	11.160	11.159	0.001	100	39182	20.0	20.8	
126 2,3-Dihydroindene	117	11.220	11.220	0.000	94	263428	20.0	19.6	
127 p-Diethylbenzene	119	11.287	11.287	0.000	95	110408	20.0	22.5	
128 n-Butylbenzene	92	11.306	11.305	0.001	97	80313	20.0	19.1	
129 1,2-Dichlorobenzene	146	11.354	11.354	0.000	98	154356	20.0	20.3	
130 1,2,4,5-Tetramethylbenzene	119	11.950	11.956	-0.006	97	167484	20.0	18.8	
131 1,2-Dibromo-3-Chloropropane	157	12.036	12.036	0.000	89	21561	20.0	18.9	
132 1,3,5-Trichlorobenzene	180	12.151	12.151	0.000	98	75604	20.0	20.4	
133 1,2,4-Trichlorobenzene	180	12.650	12.650	0.000	95	69749	20.0	20.2	
134 Hexachlorobutadiene	225	12.735	12.741	-0.006	89	17622	20.0	19.1	
135 Naphthalene	128	12.845	12.845	0.000	99	231825	20.0	19.5	
136 1,2,3-Trichlorobenzene	180	13.021	13.021	0.000	97	57218	20.0	19.9	
S 137 1,2-Dichloroethene, Total	100				0		40.0	41.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	41.3	
S 139 Total BTEX	1				0		100.0	101.1	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260 SP_00152	Amount Added:	20.00	Units: uL	
GAS C SP_00455	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00135	Amount Added:	4.00	Units: uL	
8FreonsSS_00043	Amount Added:	20.00	Units: uL	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00226	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Mar-2022 18:08:06 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47441.D

Injection Date: 31-Mar-2022 05:47:30 Instrument ID: CVOAMS11 Operator ID:

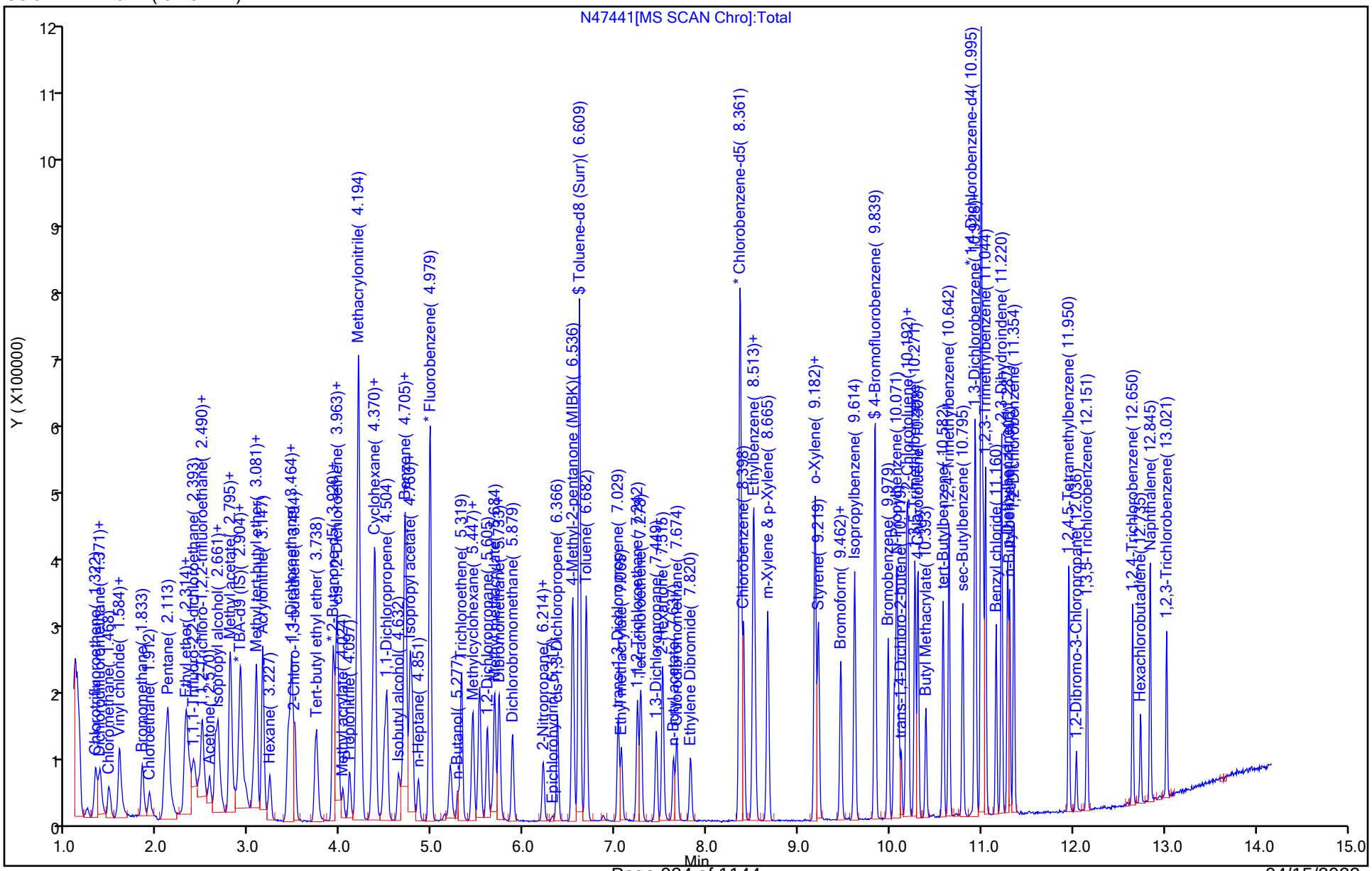
Lims ID: ICV Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 25

Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

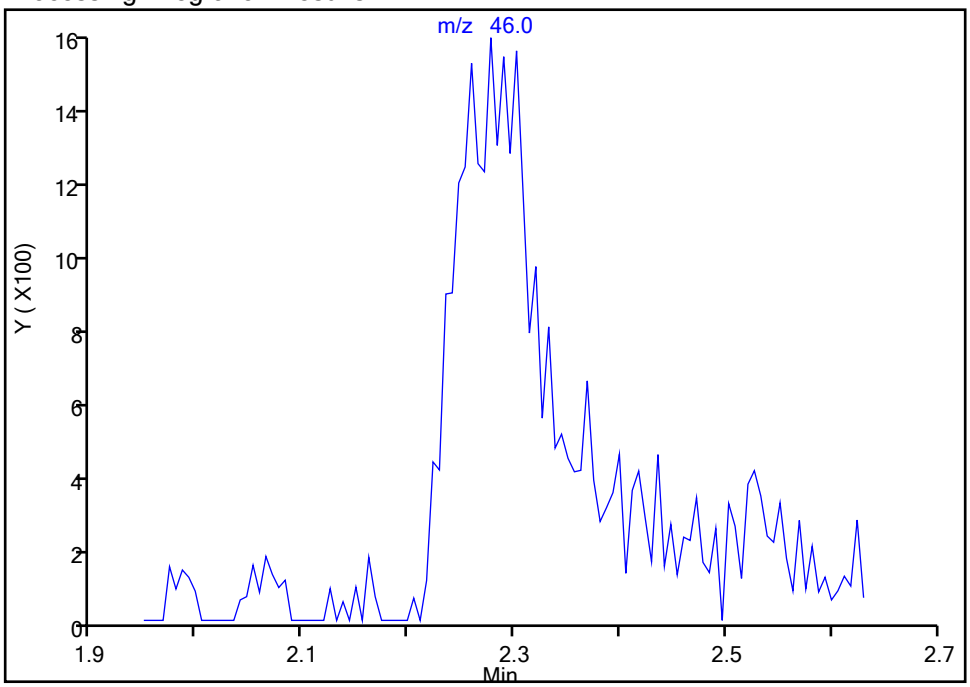
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47441.D
Injection Date: 31-Mar-2022 05:47:30 Instrument ID: CVOAMS11
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 25 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 Ethanol, CAS: 64-17-5

Signal: 1

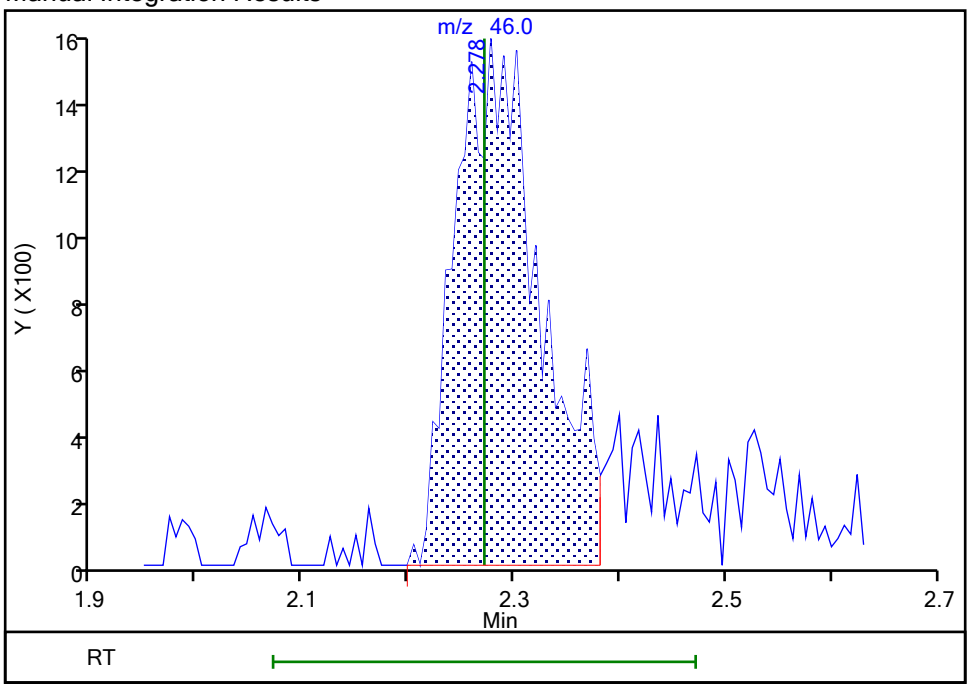
Not Detected
Expected RT: 2.27

Processing Integration Results



Manual Integration Results

RT: 2.28
Area: 8899
Amount: 796.1951
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 18:00:13
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

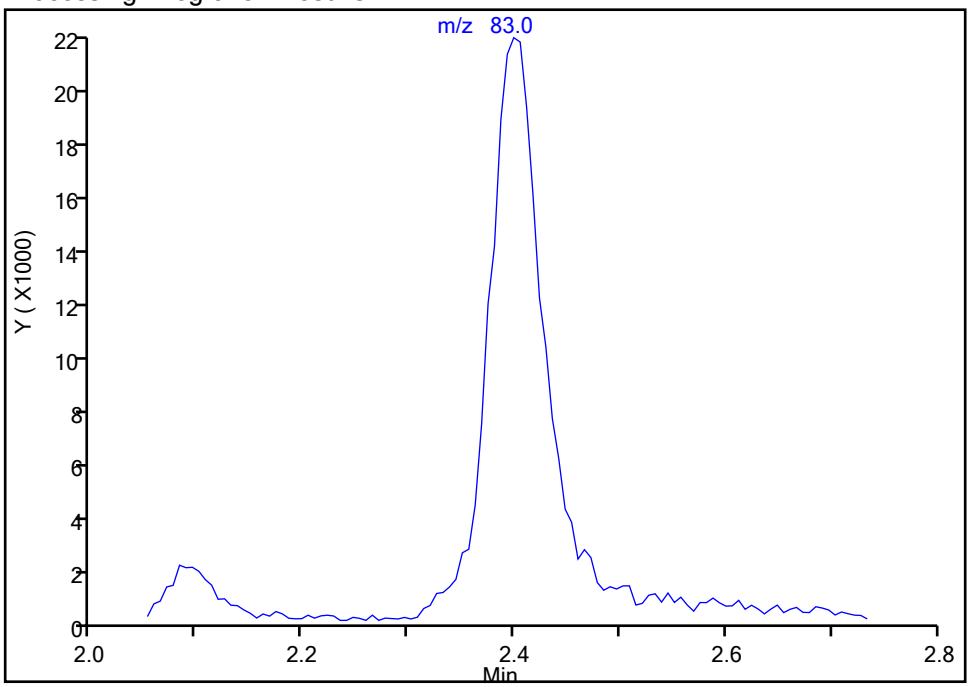
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47441.D
Injection Date: 31-Mar-2022 05:47:30 Instrument ID: CVOAMS11
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 25 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

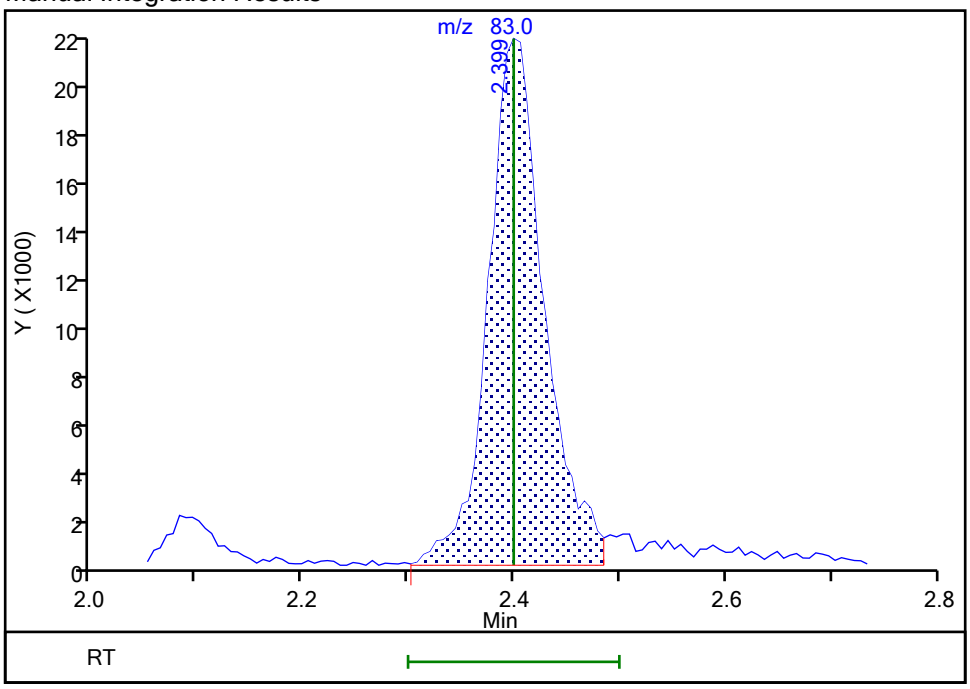
Not Detected
Expected RT: 2.40

Processing Integration Results



Manual Integration Results

RT: 2.40
Area: 79270
Amount: 18.818738
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 18:00:19
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

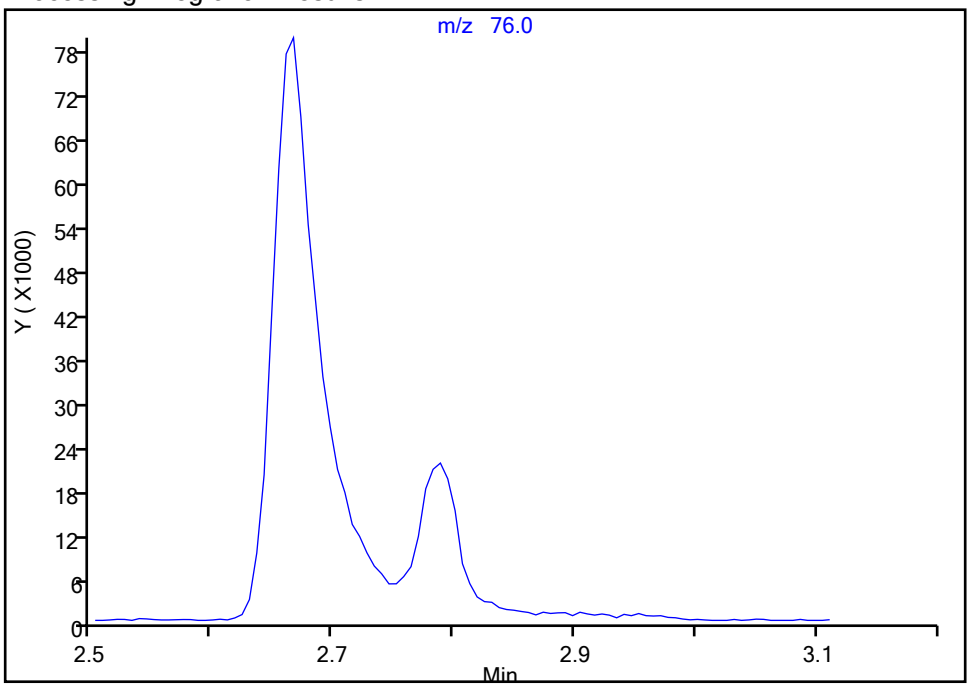
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47441.D
Injection Date: 31-Mar-2022 05:47:30 Instrument ID: CVOAMS11
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 25 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

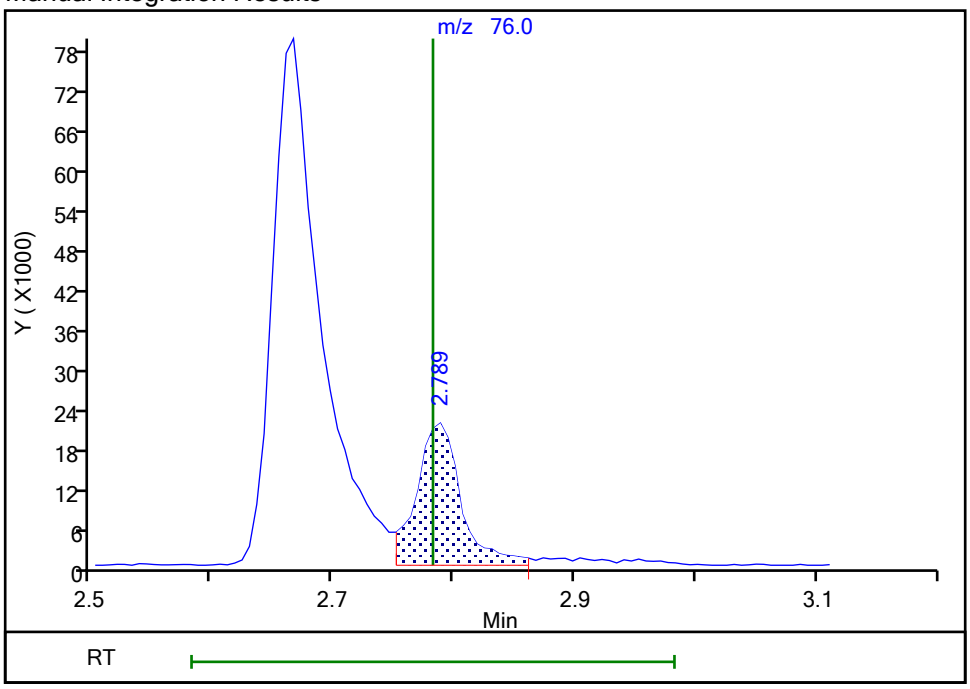
Not Detected
Expected RT: 2.78

Processing Integration Results



Manual Integration Results

RT: 2.79
Area: 55613
Amount: 24.473173
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 18:00:29
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

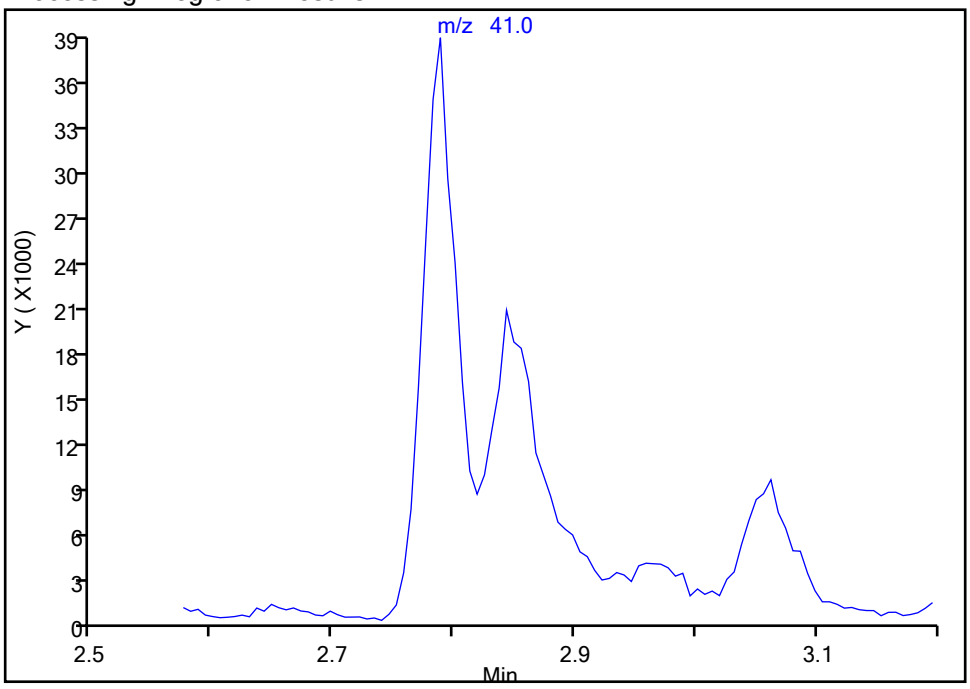
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47441.D
Injection Date: 31-Mar-2022 05:47:30 Instrument ID: CVOAMS11
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 25 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

30 Acetonitrile, CAS: 75-05-8

Signal: 1

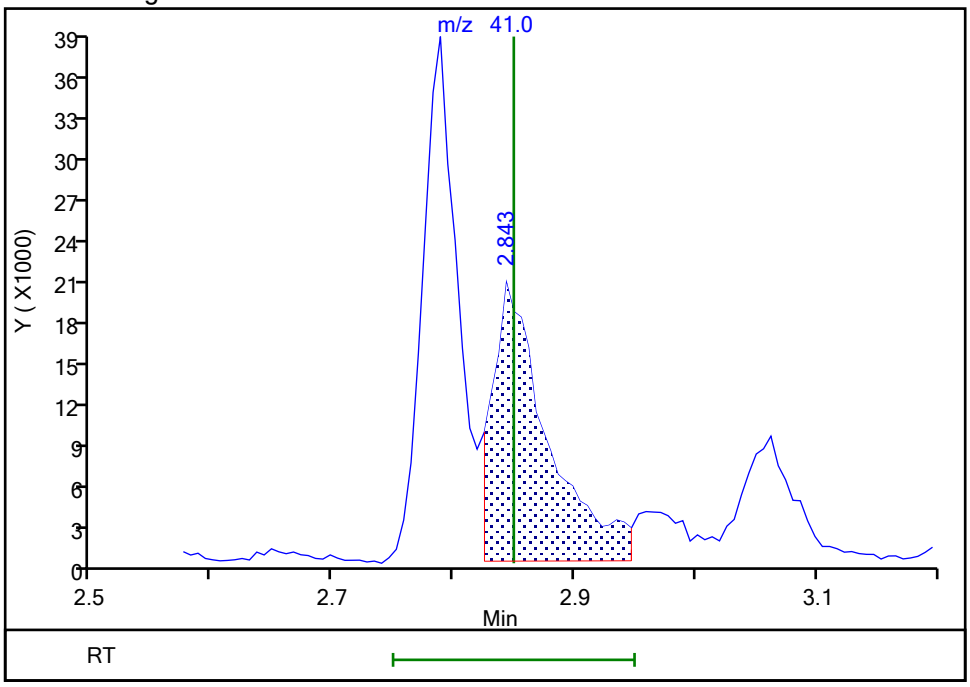
Not Detected
Expected RT: 2.85

Processing Integration Results



Manual Integration Results

RT: 2.84
Area: 65672
Amount: 201.2910
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 18:00:34
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

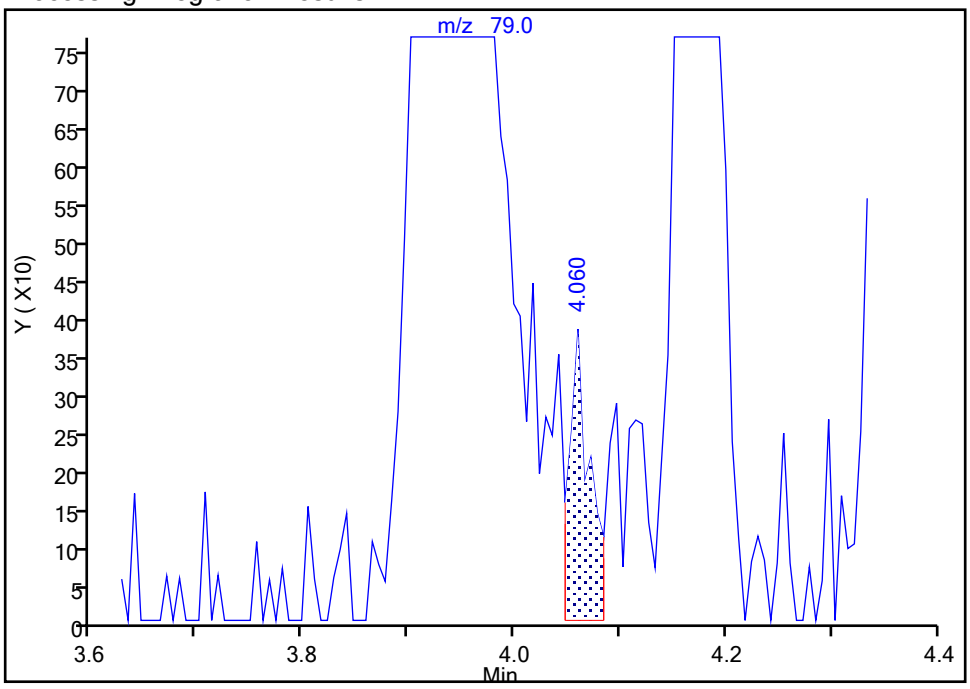
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47441.D
Injection Date: 31-Mar-2022 05:47:30 Instrument ID: CVOAMS11
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 25 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

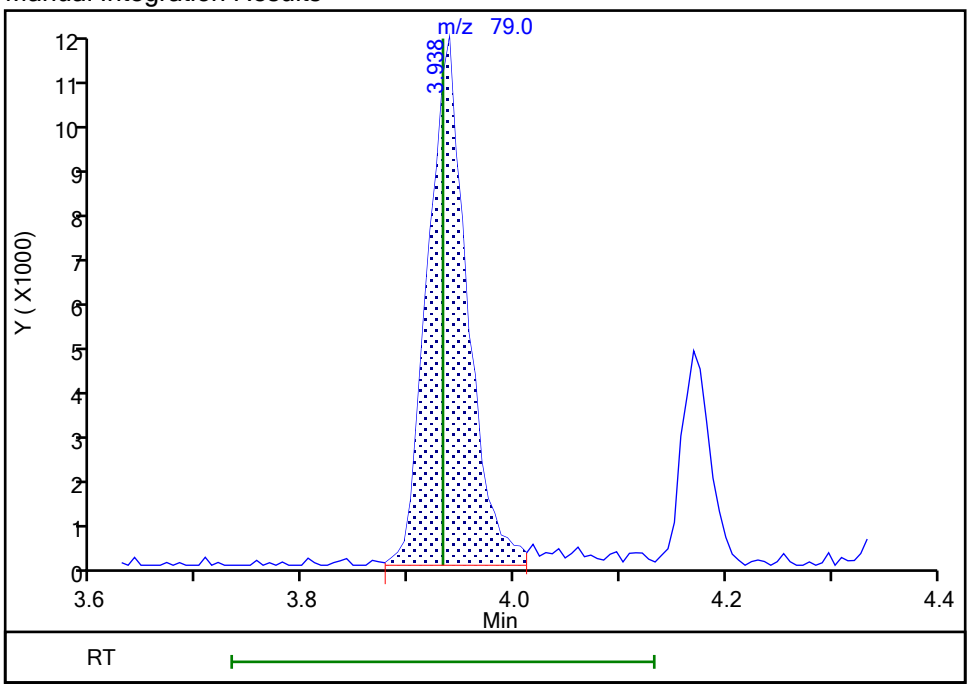
Processing Integration Results

RT: 4.06
Area: 520
Amount: 0.370350
Amount Units: ug/l



Manual Integration Results

RT: 3.94
Area: 29039
Amount: 20.681889
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 18:00:43
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

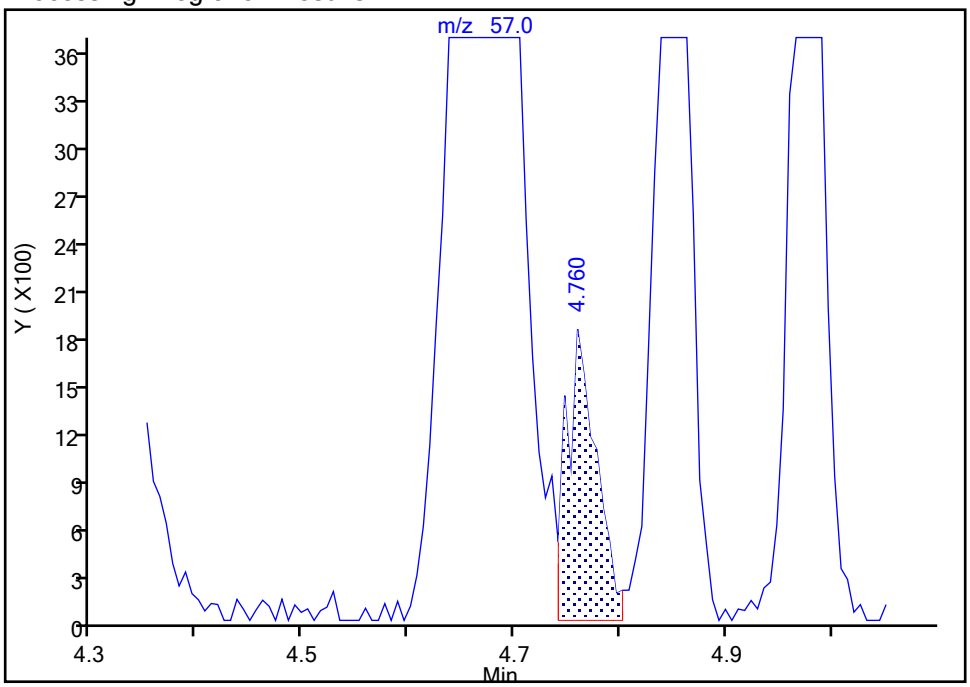
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47441.D
Injection Date: 31-Mar-2022 05:47:30 Instrument ID: CVOAMS11
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 25 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

60 Isooctane, CAS: 540-84-1

Signal: 1

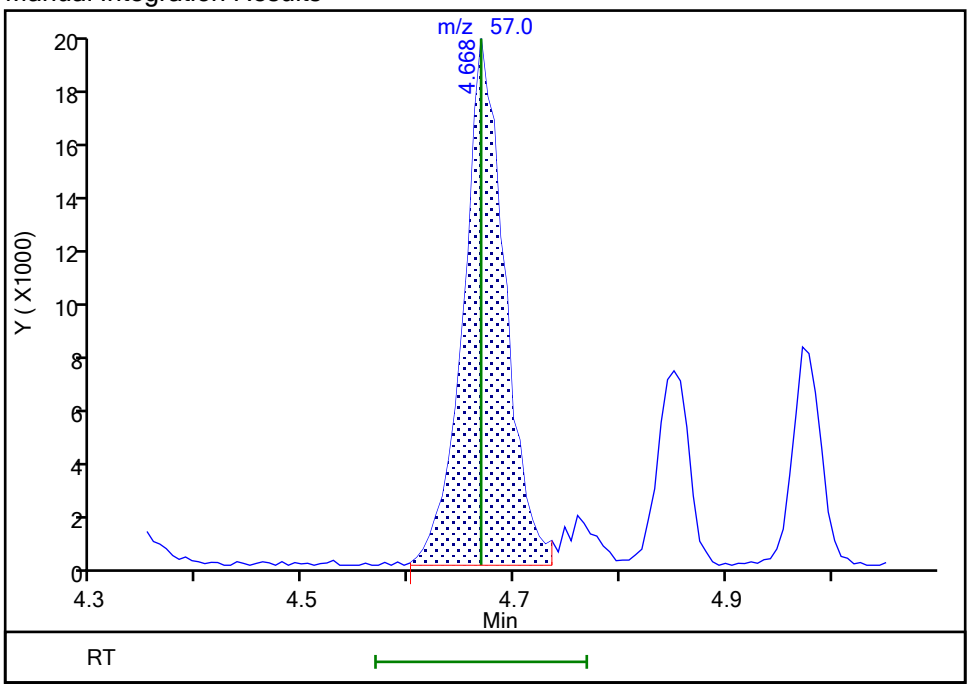
Processing Integration Results

RT: 4.76
Area: 3676
Amount: 0
Amount Units: ug/l



Manual Integration Results

RT: 4.67
Area: 53605
Amount: 18.982154
Amount Units: ug/l



Reviewer: delpolitov, 31-Mar-2022 18:00:56
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab Sample ID: CCVIS 460-838022/3 Calibration Date: 04/08/2022 06:30

Instrument ID: CVOAMS11 Calib Start Date: 03/31/2022 00:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/31/2022 02:44

Lab File ID: N47689.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.1246	0.1237		19.9	20.0	-0.7	20.0
Dichlorodifluoromethane	Ave	0.3765	0.3623	0.1000	19.2	20.0	-3.8	20.0
Chlorodifluoromethane	Ave	0.2930	0.2567		17.5	20.0	-12.4	20.0
Chloromethane	Ave	0.996	1.003	0.1000	20.1	20.0	0.7	20.0
Butadiene	Lin2		0.1841		18.6	20.0	-6.8	20.0
Vinyl chloride	Ave	0.3146	0.3104	0.1000	19.7	20.0	-1.3	20.0
Bromomethane	Ave	0.2434	0.2634	0.1000	21.6	20.0	8.2	50.0
Chloroethane	Ave	0.1662	0.1634	0.1000	19.7	20.0	-1.7	50.0
Dichlorofluoromethane	Ave	0.4915	0.4967		20.2	20.0	1.1	20.0
Trichlorofluoromethane	Ave	0.4278	0.4939	0.1000	23.1	20.0	15.4	20.0
Pentane	Ave	7.621	8.305		43.6	40.0	9.0	20.0
Ethanol	Lin2		0.2590		788	800	-1.6	50.0
Ethyl ether	Ave	0.1504	0.1484		19.7	20.0	-1.3	20.0
2-Methyl-1,3-butadiene	Ave	0.1543	0.1633		21.2	20.0	5.8	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2711	0.3066		22.6	20.0	13.1	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3571	0.3765		21.1	20.0	5.4	20.0
Acrolein	Ave	6.940	5.752		33.6	40.6	-17.1	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1957	0.2024	0.1000	20.7	20.0	3.4	20.0
1,1-Dichloroethene	Ave	0.2757	0.2891	0.1000	21.0	20.0	4.8	20.0
Acetone	Ave	0.2890	0.3104	0.0500	107	100	7.4	50.0
Iodomethane	Ave	0.5812	0.6194		21.3	20.0	6.6	20.0
Carbon disulfide	Ave	0.8787	0.9131	0.1000	20.8	20.0	3.9	50.0
Isopropyl alcohol	Ave	3.470	2.947		170	200	-15.1	50.0
3-Chloro-1-propene	Ave	0.1926	0.1899		19.7	20.0	-1.4	20.0
Methyl acetate	Ave	13.12	12.43	0.1000	37.9	40.0	-5.2	20.0
Cyclopentene	Ave	0.5280	0.5273		20.0	20.0	-0.1	20.0
Acetonitrile	Ave	7.678	6.598		172	200	-14.1	20.0
Methylene Chloride	Ave	0.3183	0.3168	0.1000	19.9	20.0	-0.5	20.0
2-Methyl-2-propanol	Ave	6.924	6.848		198	200	-1.1	50.0
Methyl tert-butyl ether	Ave	0.6716	0.6569	0.1000	19.6	20.0	-2.2	20.0
trans-1,2-Dichloroethene	Ave	0.3233	0.3266	0.1000	20.2	20.0	1.0	20.0
Acrylonitrile	Ave	24.90	20.84		167	200	-16.3	20.0
Hexane	Ave	0.0816	0.0864		21.2	20.0	5.8	20.0
Isopropyl ether	Ave	0.6284	0.5388		17.1	20.0	-14.3	20.0
1,1-Dichloroethane	Ave	0.4528	0.4359	0.2000	19.3	20.0	-3.7	20.0
Vinyl acetate	Ave	0.7306	0.8040		44.0	40.0	10.0	20.0
2-Chloro-1,3-butadiene	Ave	0.2573	0.2531		19.7	20.0	-1.7	20.0
Tert-butyl ethyl ether	Ave	0.6220	0.5756		18.5	20.0	-7.5	20.0
2,2-Dichloropropane	Ave	0.1190	0.1205		20.3	20.0	1.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab Sample ID: CCVIS 460-838022/3 Calibration Date: 04/08/2022 06:30

Instrument ID: CVOAMS11 Calib Start Date: 03/31/2022 00:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/31/2022 02:44

Lab File ID: N47689.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.3484	0.3520	0.1000	20.2	20.0	1.1	20.0
2-Butanone (MEK)	Ave	0.4293	0.4394	0.0500	102	100	2.3	50.0
Ethyl acetate	Ave	0.3740	0.3822		40.9	40.0	2.2	20.0
Methyl acrylate	Ave	0.1978	0.1721		17.4	20.0	-13.0	20.0
Propionitrile	Ave	9.697	7.901		163	200	-18.5	20.0
Tetrahydrofuran	Ave	0.4594	0.5090		44.3	40.0	10.8	20.0
Chlorobromomethane	Ave	0.2024	0.2133		21.1	20.0	5.4	20.0
Methacrylonitrile	Ave	0.1115	0.1023		183	200	-8.3	20.0
Chloroform	Ave	0.5065	0.5127	0.2000	20.2	20.0	1.2	20.0
Cyclohexane	Ave	0.2999	0.3049	0.1000	20.3	20.0	1.7	50.0
1,1,1-Trichloroethane	Ave	0.4245	0.4292	0.1000	20.2	20.0	1.1	20.0
Carbon tetrachloride	Ave	0.3741	0.3785	0.1000	20.2	20.0	1.2	20.0
1,1-Dichloropropene	Ave	0.3532	0.3516		19.9	20.0	-0.4	20.0
Isobutyl alcohol	Ave	2.879	2.133		370	500	-25.9	50.0
Isooctane	Ave	0.2394	0.2704		22.6	20.0	12.9	20.0
Benzene	Ave	1.337	1.233	0.5000	18.5	20.0	-7.7	20.0
Isopropyl acetate	Ave	0.5493	0.4667		17.0	20.0	-15.0	20.0
Tert-amyl methyl ether	Ave	0.7281	0.6996		19.2	20.0	-3.9	20.0
1,2-Dichloroethane	Ave	0.3574	0.3331	0.1000	18.6	20.0	-6.8	20.0
n-Heptane	Ave	0.0681	0.0704		20.7	20.0	3.4	20.0
n-Butanol	QuaF		1.211		329	500	-34.1	50.0
Trichloroethene	Ave	0.2990	0.2889	0.2000	19.3	20.0	-3.4	20.0
Ethyl acrylate	Ave	0.0407	0.0357		17.6	20.0	-12.2	20.0
Methylcyclohexane	Ave	0.2485	0.2774	0.1000	22.3	20.0	11.7	50.0
1,2-Dichloropropane	Ave	0.2444	0.2215	0.1000	18.1	20.0	-9.4	20.0
Methyl methacrylate	Ave	0.0811	0.0725		35.8	40.0	-10.5	20.0
1,4-Dioxane	Lin2		1.084		330	400	-17.4	50.0
Dibromomethane	Ave	0.1992	0.1958		19.7	20.0	-1.7	20.0
n-Propyl acetate	Ave	0.2949	0.2295		15.6	20.0	-22.2*	20.0
Dichlorobromomethane	Ave	0.3680	0.3464	0.2000	18.8	20.0	-5.9	20.0
2-Nitropropane	Ave	15.50	11.41		29.4	40.0	-26.4*	20.0
2-Chloroethyl vinyl ether	Ave	0.1144	0.0961		16.8	20.0	-16.0	20.0
Epichlorohydrin	Ave	0.2808	0.2949		420	400	5.0	20.0
cis-1,3-Dichloropropene	Ave	0.5133	0.4677	0.2000	18.2	20.0	-8.9	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.330	2.360	0.0500	101	100	1.3	50.0
Toluene	Ave	1.428	1.334	0.4000	18.7	20.0	-6.6	20.0
trans-1,3-Dichloropropene	Ave	0.4577	0.4161	0.1000	18.2	20.0	-9.1	50.0
Ethyl methacrylate	Lin2		0.2475		16.8	20.0	-16.0	20.0
1,1,2-Trichloroethane	Ave	0.2581	0.2416	0.1000	18.7	20.0	-6.4	20.0
Tetrachloroethene	Ave	0.3297	0.3404	0.2000	20.7	20.0	3.3	20.0
1,3-Dichloropropane	Ave	0.4769	0.4348		18.2	20.0	-8.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab Sample ID: CCVIS 460-838022/3 Calibration Date: 04/08/2022 06:30

Instrument ID: CVOAMS11 Calib Start Date: 03/31/2022 00:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/31/2022 02:44

Lab File ID: N47689.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Lin2		0.9886	0.0500	97.0	100	-3.0	50.0
n-Butyl acetate	Ave	0.3424	0.2763		16.1	20.0	-19.3	20.0
Chlorodibromomethane	Ave	0.3721	0.3684	0.1000	19.8	20.0	-1.0	50.0
Ethylene Dibromide	Ave	0.3452	0.3351	0.1000	19.4	20.0	-2.9	20.0
Chlorobenzene	Ave	0.9917	0.9454	0.5000	19.1	20.0	-4.7	20.0
Ethylbenzene	Ave	0.4808	0.4649	0.1000	19.3	20.0	-3.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3910	0.3937		20.1	20.0	0.7	20.0
m-Xylene & p-Xylene	Ave	0.5690	0.5501	0.1000	19.3	20.0	-3.3	20.0
n-Butyl acrylate	Ave	0.2218	0.1849		16.7	20.0	-16.6	20.0
o-Xylene	Ave	0.5956	0.5696	0.3000	19.1	20.0	-4.4	20.0
Styrene	Lin2		0.8852	0.3000	17.7	20.0	-11.5	20.0
Amyl acetate (mixed isomers)	Ave	0.7254	0.5216		14.4	20.0	-28.1*	20.0
Bromoform	Ave	0.4220	0.3811	0.1000	18.1	20.0	-9.7	20.0
Isopropylbenzene	Ave	1.344	1.272	0.1000	18.9	20.0	-5.4	20.0
Bromobenzene	Ave	0.7549	0.6919		18.3	20.0	-8.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7792	0.6819	0.3000	17.5	20.0	-12.5	20.0
N-Propylbenzene	Ave	2.405	2.131		17.7	20.0	-11.4	20.0
1,2,3-Trichloropropane	Ave	0.2503	0.2270		18.1	20.0	-9.3	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1502	0.1073		14.3	20.0	-28.6*	20.0
2-Chlorotoluene	Ave	1.938	1.751		18.1	20.0	-9.6	20.0
4-Ethyltoluene	Ave	2.203	2.031		18.4	20.0	-7.8	20.0
1,3,5-Trimethylbenzene	Ave	1.846	1.685		18.3	20.0	-8.7	20.0
4-Chlorotoluene	Ave	1.810	1.627		18.0	20.0	-10.1	20.0
Butyl Methacrylate	QuaF		0.4379		11.5	20.0	-42.3*	20.0
tert-Butylbenzene	Ave	1.406	1.263		18.0	20.0	-10.2	20.0
1,2,4-Trimethylbenzene	Ave	1.975	1.782		18.0	20.0	-9.8	20.0
sec-Butylbenzene	Ave	1.907	1.718		18.0	20.0	-9.9	20.0
1,3-Dichlorobenzene	Ave	1.313	1.236	0.6000	18.8	20.0	-5.9	20.0
4-Isopropyltoluene	Ave	1.668	1.541		18.5	20.0	-7.6	20.0
1,4-Dichlorobenzene	Ave	1.387	1.313	0.5000	18.9	20.0	-5.3	20.0
1,2,3-Trimethylbenzene	Ave	2.340	2.044		17.5	20.0	-12.6	20.0
Benzyl chloride	Ave	0.3440	0.3094		18.0	20.0	-10.0	50.0
Indan	Ave	2.449	2.253		18.4	20.0	-8.0	20.0
p-Diethylbenzene	Ave	0.8946	0.8308		18.6	20.0	-7.1	20.0
n-Butylbenzene	Ave	0.7669	0.7111		18.5	20.0	-7.3	20.0
1,2-Dichlorobenzene	Ave	1.382	1.326	0.4000	19.2	20.0	-4.1	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.625	1.387		17.1	20.0	-14.6	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2077	0.1871	0.0500	18.0	20.0	-9.9	50.0
1,3,5-Trichlorobenzene	Ave	0.6748	0.6445		19.1	20.0	-4.5	20.0
1,2,4-Trichlorobenzene	Ave	0.6306	0.6025	0.2000	19.1	20.0	-4.5	20.0
Hexachlorobutadiene	Ave	0.1677	0.1734		20.7	20.0	3.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab Sample ID: CCVIS 460-838022/3 Calibration Date: 04/08/2022 06:30

Instrument ID: CVOAMS11 Calib Start Date: 03/31/2022 00:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/31/2022 02:44

Lab File ID: N47689.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.161	1.805		16.7	20.0	-16.5	50.0
1,2,3-Trichlorobenzene	Ave	0.5251	0.4801		18.3	20.0	-8.6	20.0
Dibromofluoromethane (Surr)	Ave	0.2978	0.3154		53.0	50.0	5.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2745	0.2746		50.0	50.0	0.0	20.0
Toluene-d8 (Surr)	Ave	1.243	1.227		49.3	50.0	-1.3	20.0
4-Bromofluorobenzene	Ave	0.3625	0.3539		48.8	50.0	-2.4	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47689.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 08-Apr-2022 06:30:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0143765-003
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-Apr-2022 06:49:51 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1621

First Level Reviewer: moroneyc Date: 08-Apr-2022 06:49:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	1.322	1.322	0.000	66	26997	20.0	19.9	
5 Dichlorodifluoromethane	85	1.347	1.347	0.000	0	79063	20.0	19.2	
6 Chlorodifluoromethane	51	1.359	1.359	0.000	0	56015	20.0	17.5	
7 Chloromethane	52	1.450	1.450	0.000	0	15631	20.0	20.1	
8 Vinyl chloride	62	1.572	1.572	0.000	0	67738	20.0	19.7	
9 Butadiene	54	1.572	1.572	0.000	0	40175	20.0	18.6	
10 Bromomethane	94	1.821	1.821	0.000	0	57473	20.0	21.6	
11 Chloroethane	64	1.906	1.906	0.000	0	35652	20.0	19.7	
13 Trichlorofluoromethane	101	2.077	2.077	0.000	0	107760	20.0	23.1	
12 Dichlorofluoromethane	67	2.077	2.077	0.000	0	108373	20.0	20.2	
14 Pentane	72	2.101	2.101	0.000	0	14222	40.0	43.6	
16 Ethyl ether	74	2.290	2.290	0.000	0	32381	20.0	19.7	
17 2-Methyl-1,3-butadiene	53	2.302	2.302	0.000	0	35621	20.0	21.2	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	2.338	2.338	0.000	0	66903	20.0	22.6	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.393	2.393	0.000	92	82141	20.0	21.1	a
15 Ethanol	46	2.259	2.259	0.000	59	8872	800.0	787.6	a
20 Acrolein	56	2.448	2.448	0.000	0	9988	40.6	33.6	
21 112TCTFE	101	2.466	2.466	0.000	0	44154	20.0	20.7	
22 1,1-Dichloroethene	96	2.478	2.478	0.000	0	63070	20.0	21.0	
23 Acetone	58	2.563	2.563	0.000	0	24190	100.0	107.4	
24 Iodomethane	142	2.624	2.624	0.000	0	135157	20.0	21.3	
25 Isopropyl alcohol	45	2.655	2.655	0.000	0	25235	200.0	169.9	
26 Carbon disulfide	76	2.655	2.655	0.000	0	199233	20.0	20.8	
27 3-Chloro-1-propene	76	2.776	2.776	0.000	0	41432	20.0	19.7	
30 Acetonitrile	41	2.837	2.837	0.000	96	56495	200.0	171.9	a
28 Methyl acetate	74	2.788	2.788	0.000	0	21290	40.0	37.9	
29 Cyclopentene	67	2.794	2.794	0.000	0	115064	20.0	20.0	
* 31 TBA-d9 (IS)	66	2.892	2.892	0.000	0	42811	1000.0	1000.0	
32 Methylene Chloride	84	2.904	2.904	0.000	0	69125	20.0	19.9	
33 2-Methyl-2-propanol	59	2.959	2.959	0.000	0	58637	200.0	197.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Methyl tert-butyl ether	73	3.050	3.050	0.000	0	143331	20.0	19.6	
35 trans-1,2-Dichloroethene	96	3.074	3.074	0.000	0	71263	20.0	20.2	
36 Acrylonitrile	53	3.141	3.141	0.000	0	178452	200.0	167.4	
37 Hexane	56	3.220	3.220	0.000	0	18847	20.0	21.2	
38 Isopropyl ether	45	3.421	3.421	0.000	0	117557	20.0	17.1	
39 1,1-Dichloroethane	63	3.451	3.451	0.000	0	95107	20.0	19.3	
40 Vinyl acetate	86	3.464	3.464	0.000	0	25061	40.0	44.0	
41 2-Chloro-1,3-butadiene	88	3.494	3.494	0.000	0	55221	20.0	19.7	
42 Tert-butyl ethyl ether	59	3.725	3.725	0.000	0	125594	20.0	18.5	
* 43 2-Butanone-d5	46	3.914	3.914	0.000	0	194807	250.0	250.0	
45 cis-1,2-Dichloroethene	96	3.950	3.950	0.000	0	76810	20.0	20.2	
46 2-Butanone (MEK)	72	3.962	3.962	0.000	0	34237	100.0	102.3	
47 Ethyl acetate	70	3.975	3.975	0.000	0	11913	40.0	40.9	
48 Methyl acrylate	55	4.023	4.023	0.000	0	37552	20.0	17.4	
44 2,2-Dichloropropane	79	3.932	3.932	0.000	91	26303	20.0	20.3	a
49 Propionitrile	54	4.090	4.090	0.000	0	67646	200.0	163.0	
50 Tetrahydrofuran	72	4.163	4.163	0.000	0	15865	40.0	44.3	
51 Chlorobromomethane	128	4.169	4.169	0.000	0	46551	20.0	21.1	
52 Methacrylonitrile	67	4.194	4.194	0.000	0	223139	200.0	183.4	
53 Chloroform	83	4.218	4.218	0.000	0	111879	20.0	20.2	
54 Cyclohexane	84	4.346	4.346	0.000	0	66528	20.0	20.3	
55 1,1,1-Trichloroethane	97	4.364	4.364	0.000	0	93651	20.0	20.2	
$ 56 Dibromofluoromethane (Surr)	113	4.370	4.370	0.000	0	172069	50.0	53.0	
57 Carbon tetrachloride	117	4.474	4.474	0.000	0	82577	20.0	20.2	
58 1,1-Dichloropropene	75	4.498	4.498	0.000	0	76715	20.0	19.9	
59 Isobutyl alcohol	43	4.626	4.626	0.000	0	45665	500.0	370.5	
61 Benzene	78	4.693	4.693	0.000	0	227271	20.0	18.5	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.711	4.711	0.000	0	149785	50.0	50.0	
64 Isopropyl acetate	43	4.753	4.753	0.000	0	101822	20.0	17.0	
60 Isooctane	57	4.668	4.668	0.000	95	58990	20.0	22.6	a
63 Tert-amyl methyl ether	73	4.759	4.759	0.000	0	152644	20.0	19.2	
65 1,2-Dichloroethane	62	4.784	4.784	0.000	0	72685	20.0	18.6	
66 n-Heptane	57	4.845	4.845	0.000	0	15362	20.0	20.7	
* 67 Fluorobenzene	96	4.972	4.972	0.000	0	545488	50.0	50.0	
68 n-Butanol	56	5.277	5.277	0.000	0	25930	500.0	329.4	
69 Trichloroethene	95	5.319	5.319	0.000	0	63037	20.0	19.3	
71 Methylcyclohexane	83	5.441	5.441	0.000	0	60538	20.0	22.3	
70 Ethyl acrylate	99	5.441	5.441	0.000	0	7792	20.0	17.6	
72 1,2-Dichloropropane	63	5.599	5.599	0.000	0	48327	20.0	18.1	
* 73 1,4-Dioxane-d8	96	5.654	5.654	0.000	0	34130	1000.0	1000.0	
74 Methyl methacrylate	100	5.684	5.684	0.000	0	31654	40.0	35.8	
75 1,4-Dioxane	88	5.708	5.708	0.000	0	14797	400.0	330.2	
76 Dibromomethane	93	5.721	5.721	0.000	0	42714	20.0	19.7	
77 n-Propyl acetate	43	5.733	5.733	0.000	0	50076	20.0	15.6	
78 Dichlorobromomethane	83	5.873	5.873	0.000	0	75579	20.0	18.8	
79 2-Nitropropane	41	6.207	6.207	0.000	0	19545	40.0	29.4	
80 2-Chloroethyl vinyl ether	63	6.213	6.213	0.000	0	21010	20.0	16.8	
81 Epichlorohydrin	57	6.311	6.311	0.000	0	91906	400.0	420.0	
82 cis-1,3-Dichloropropene	75	6.366	6.366	0.000	0	86182	20.0	18.2	
83 4-Methyl-2-pentanone (MIBK)	43	6.536	6.536	0.000	0	183936	100.0	101.3	
$ 84 Toluene-d8 (Surr)	98	6.603	6.603	0.000	0	565157	50.0	49.3	
85 Toluene	91	6.682	6.682	0.000	0	245845	20.0	18.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	7.029	7.029	0.000	0	76685	20.0	18.2	
87 Ethyl methacrylate	69	7.065	7.065	0.000	0	54003	20.0	16.8	
88 1,1,2-Trichloroethane	83	7.242	7.242	0.000	0	44514	20.0	18.7	
89 Tetrachloroethene	166	7.278	7.278	0.000	0	62736	20.0	20.7	
90 1,3-Dichloropropane	76	7.442	7.442	0.000	0	80128	20.0	18.2	
91 2-Hexanone	58	7.515	7.515	0.000	0	77036	100.0	97.0	
92 n-Butyl acetate	43	7.637	7.637	0.000	0	50911	20.0	16.1	
93 Chlorodibromomethane	129	7.673	7.673	0.000	0	67891	20.0	19.8	
94 Ethylene Dibromide	107	7.819	7.819	0.000	0	61751	20.0	19.4	
* 95 Chlorobenzene-d5	117	8.361	8.361	0.000	0	460703	50.0	50.0	
96 Chlorobenzene	112	8.397	8.397	0.000	0	174211	20.0	19.1	
97 Ethylbenzene	106	8.507	8.507	0.000	0	85668	20.0	19.3	
98 1,1,1,2-Tetrachloroethane	131	8.519	8.519	0.000	0	72547	20.0	20.1	
99 m-Xylene & p-Xylene	106	8.665	8.665	0.000	0	101377	20.0	19.3	
100 o-Xylene	106	9.182	9.182	0.000	0	104964	20.0	19.1	
101 n-Butyl acrylate	73	9.182	9.182	0.000	0	34072	20.0	16.7	
102 Styrene	104	9.219	9.219	0.000	0	163124	20.0	17.7	
104 Bromoform	173	9.462	9.462	0.000	0	41539	20.0	18.1	
103 Amyl acetate (mixed isomers)	43	9.462	9.462	0.000	0	56860	20.0	14.4	
105 Isopropylbenzene	105	9.614	9.614	0.000	0	234348	20.0	18.9	
$ 106 4-Bromofluorobenzene	174	9.839	9.839	0.000	0	163029	50.0	48.8	
107 Bromobenzene	156	9.979	9.979	0.000	0	75420	20.0	18.3	
108 1,1,2,2-Tetrachloroethane	83	10.046	10.046	0.000	0	74328	20.0	17.5	
109 N-Propylbenzene	91	10.070	10.070	0.000	0	232301	20.0	17.7	
110 1,2,3-Trichloropropane	110	10.095	10.095	0.000	0	24745	20.0	18.1	
111 trans-1,4-Dichloro-2-butene	53	10.119	10.119	0.000	0	11699	20.0	14.3	
112 2-Chlorotoluene	91	10.180	10.180	0.000	0	190912	20.0	18.1	
113 4-Ethyltoluene	105	10.198	10.198	0.000	0	221414	20.0	18.4	
114 1,3,5-Trimethylbenzene	105	10.271	10.271	0.000	0	183632	20.0	18.3	
115 4-Chlorotoluene	91	10.308	10.308	0.000	0	177353	20.0	18.0	
116 Butyl Methacrylate	87	10.393	10.393	0.000	0	47738	20.0	11.5	
117 tert-Butylbenzene	119	10.581	10.581	0.000	0	137642	20.0	18.0	
118 1,2,4-Trimethylbenzene	105	10.642	10.642	0.000	0	194233	20.0	18.0	
119 sec-Butylbenzene	105	10.794	10.794	0.000	0	187253	20.0	18.0	
120 1,3-Dichlorobenzene	146	10.922	10.922	0.000	0	134716	20.0	18.8	
121 4-Isopropyltoluene	119	10.934	10.934	0.000	0	167957	20.0	18.5	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	0	272517	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.019	11.019	0.000	0	143175	20.0	18.9	
124 1,2,3-Trimethylbenzene	105	11.044	11.044	0.000	0	222832	20.0	17.5	
125 Benzyl chloride	126	11.159	11.159	0.000	0	33731	20.0	18.0	
126 2,3-Dihydroindene	117	11.220	11.220	0.000	0	245615	20.0	18.4	
127 p-Diethylbenzene	119	11.287	11.287	0.000	0	90560	20.0	18.6	
128 n-Butylbenzene	92	11.305	11.305	0.000	0	77516	20.0	18.5	
129 1,2-Dichlorobenzene	146	11.354	11.354	0.000	0	144528	20.0	19.2	
130 1,2,4,5-Tetramethylbenzene	119	11.950	11.950	0.000	0	151218	20.0	17.1	
131 1,2-Dibromo-3-Chloropropane	157	12.035	12.035	0.000	0	20391	20.0	18.0	
132 1,3,5-Trichlorobenzene	180	12.151	12.151	0.000	0	70252	20.0	19.1	
133 1,2,4-Trichlorobenzene	180	12.650	12.650	0.000	0	65676	20.0	19.1	
134 Hexachlorobutadiene	225	12.735	12.735	0.000	0	18899	20.0	20.7	
135 Naphthalene	128	12.838	12.838	0.000	0	196743	20.0	16.7	
136 1,2,3-Trichlorobenzene	180	13.021	13.021	0.000	0	52329	20.0	18.3	
S 137 1,2-Dichloroethene, Total	100				0		40.0	40.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	38.5	
S 139 Total BTEX	1				0		100.0	94.9	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00470	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00152	Amount Added:	20.00	Units: uL	
524freon_00050	Amount Added:	20.00	Units: uL	
ACROLEIN W_00138	Amount Added:	4.00	Units: uL	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00226	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 08-Apr-2022 06:49:52 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47689.D

Injection Date: 08-Apr-2022 06:30:30 Instrument ID: CVOAMS11 Operator ID:

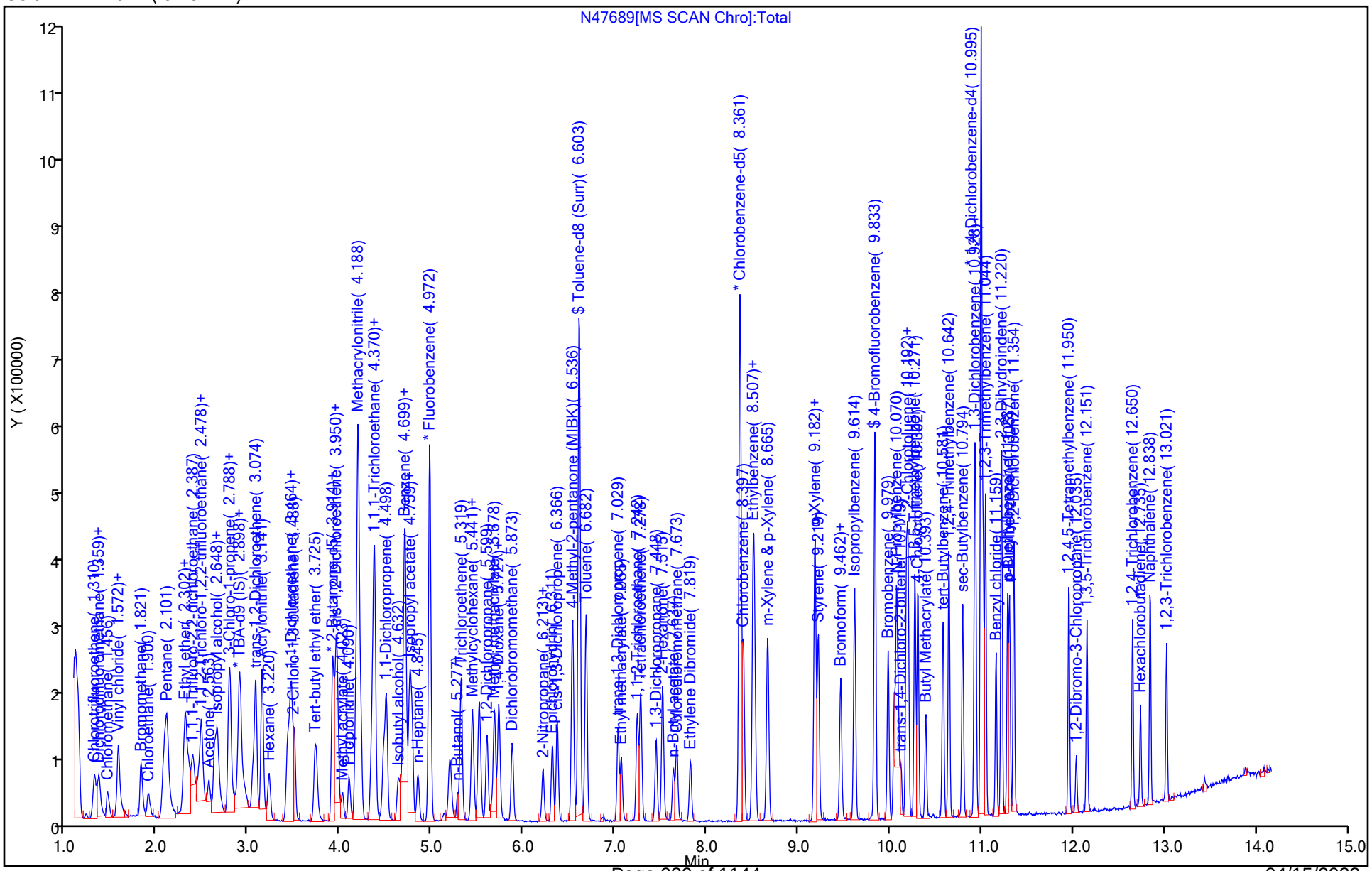
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

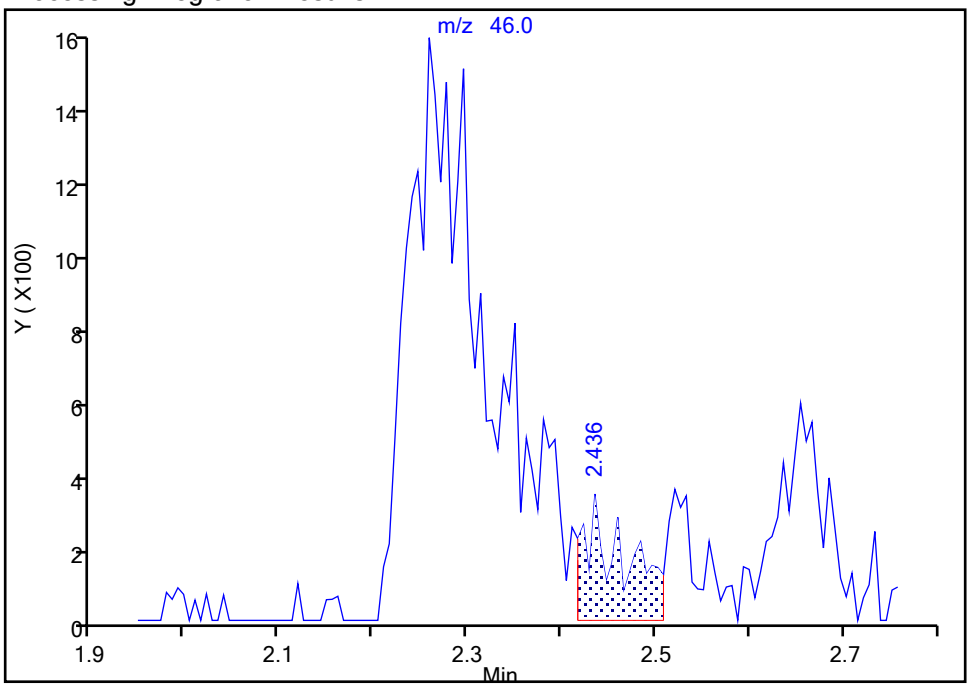
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47689.D
Injection Date: 08-Apr-2022 06:30:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 Ethanol, CAS: 64-17-5

Signal: 1

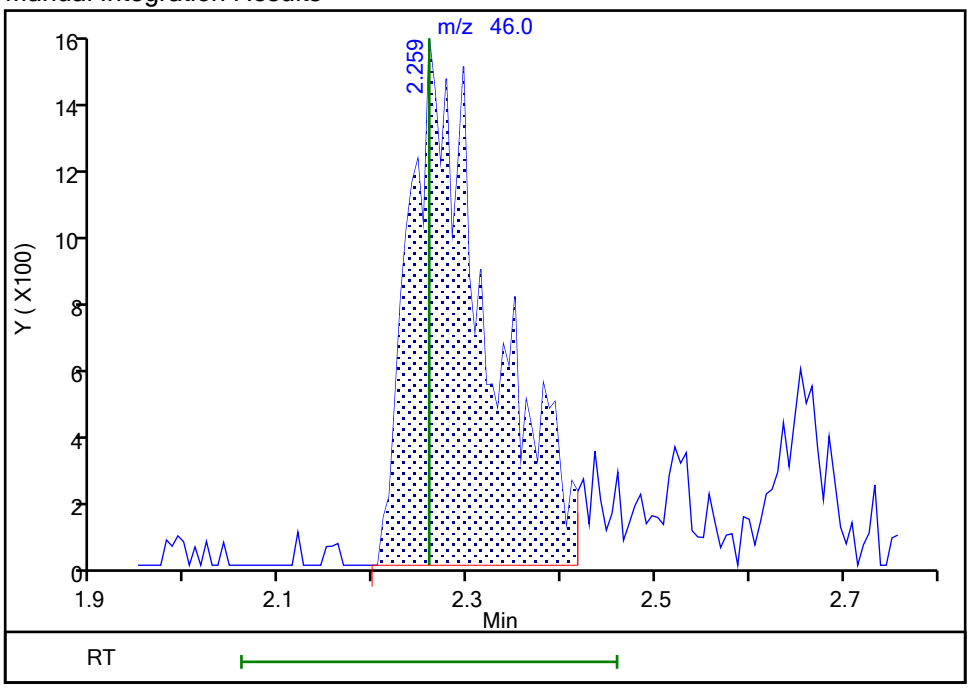
Processing Integration Results

RT: 2.44
Area: 989
Amount: 61.601835
Amount Units: ug/l



Manual Integration Results

RT: 2.26
Area: 8872
Amount: 787.5947
Amount Units: ug/l



Reviewer: moroneyc, 08-Apr-2022 06:48:36
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

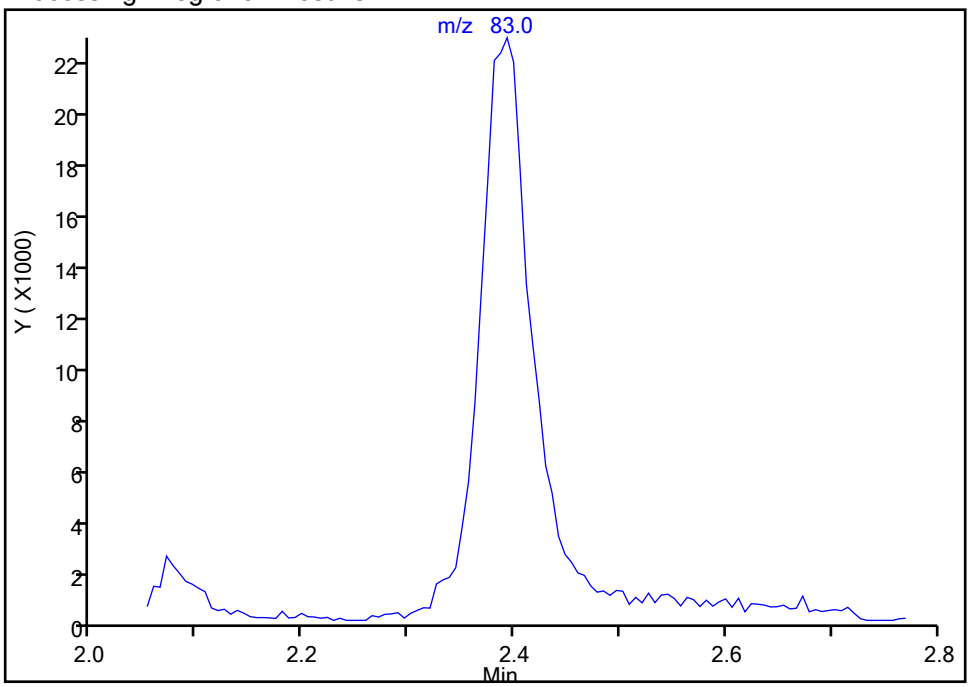
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47689.D
Injection Date: 08-Apr-2022 06:30:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

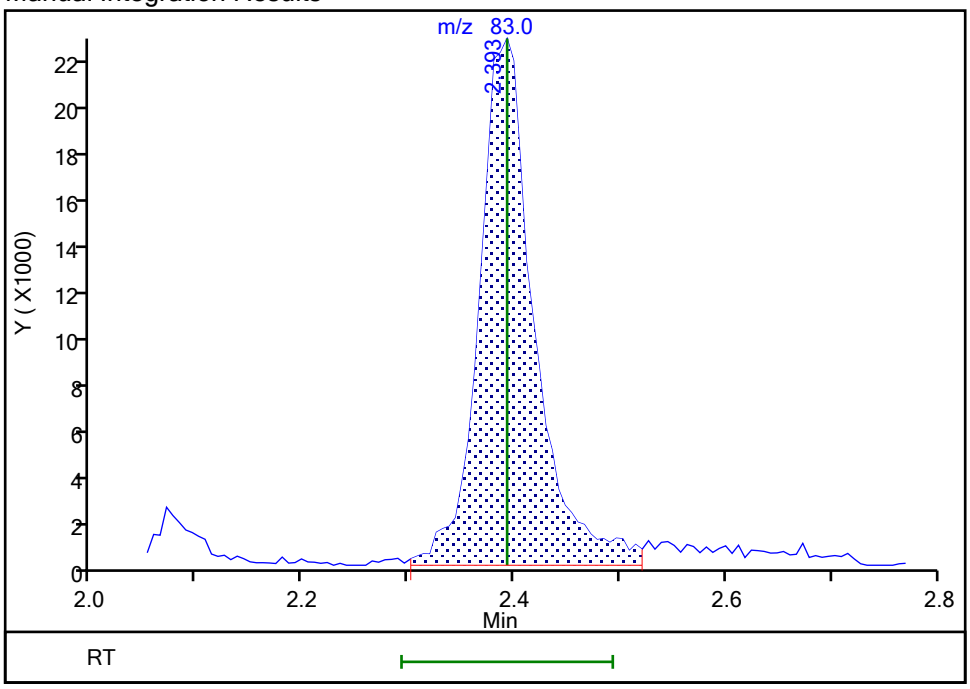
Not Detected
Expected RT: 2.39

Processing Integration Results



Manual Integration Results

RT: 2.39
Area: 82141
Amount: 21.085362
Amount Units: ug/l



Reviewer: moroneyc, 08-Apr-2022 06:48:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

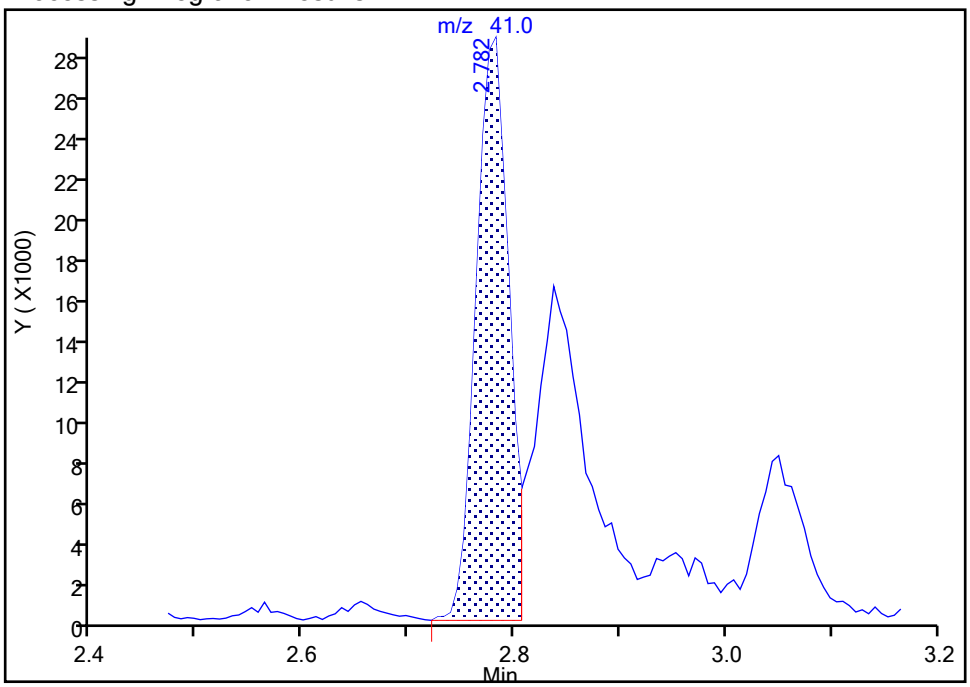
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47689.D
Injection Date: 08-Apr-2022 06:30:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

30 Acetonitrile, CAS: 75-05-8

Signal: 1

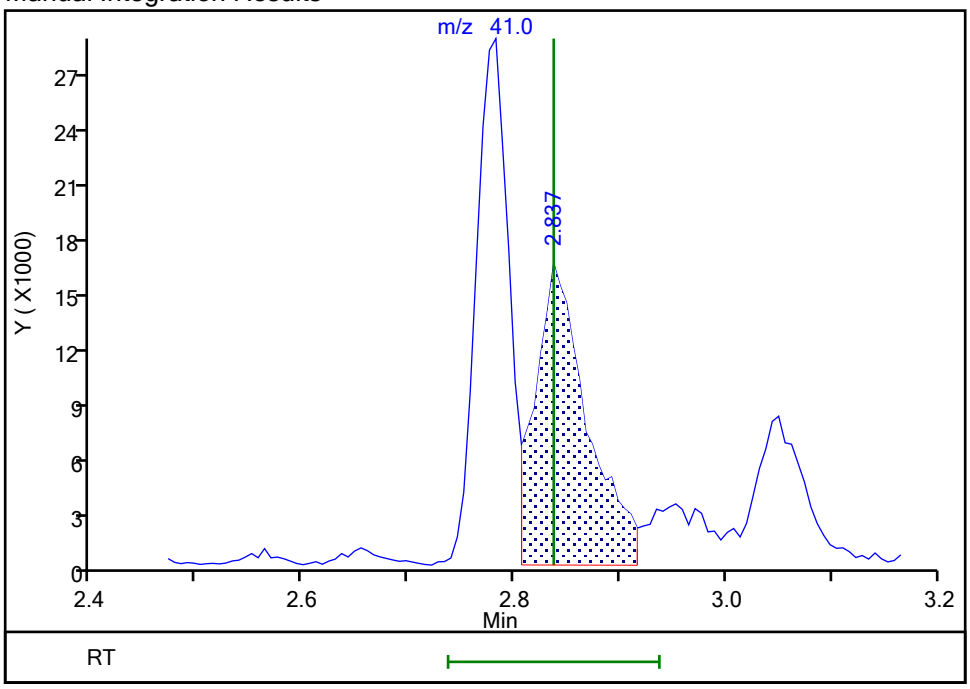
Processing Integration Results

RT: 2.78
Area: 61487
Amount: 187.0680
Amount Units: ug/l



Manual Integration Results

RT: 2.84
Area: 56495
Amount: 171.8804
Amount Units: ug/l



Reviewer: moroneyc, 08-Apr-2022 06:48:45
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

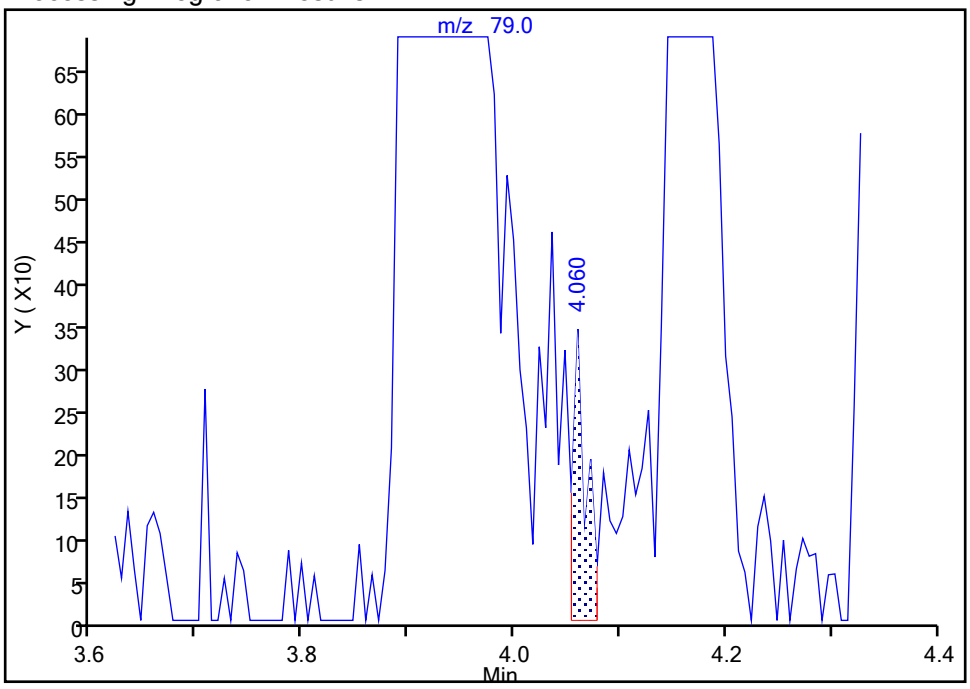
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47689.D
Injection Date: 08-Apr-2022 06:30:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

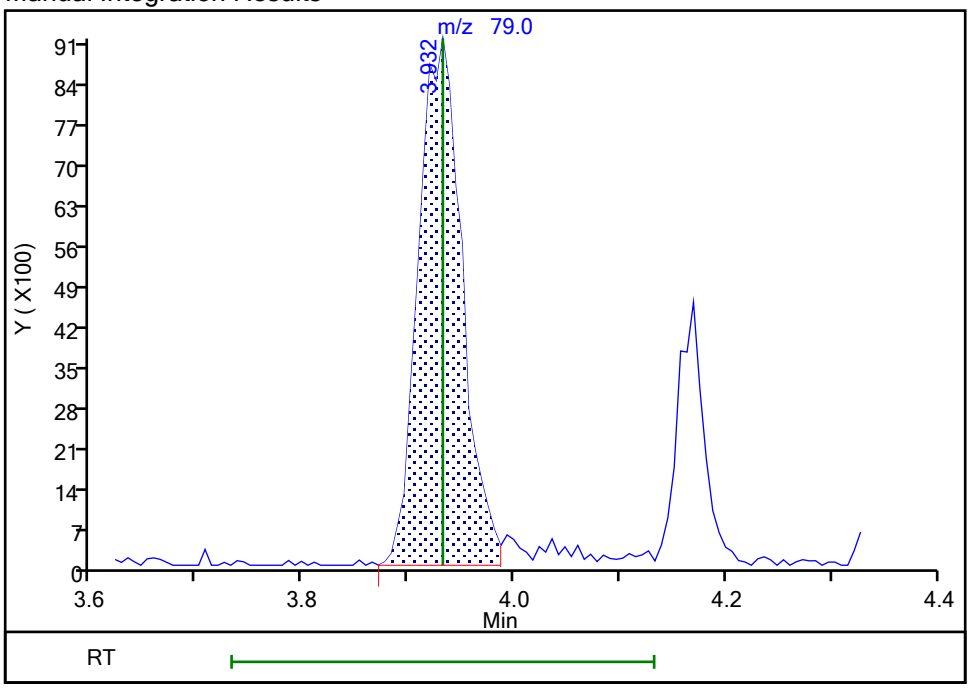
Processing Integration Results

RT: 4.06
Area: 312
Amount: 0.240272
Amount Units: ug/l



Manual Integration Results

RT: 3.93
Area: 26303
Amount: 20.255981
Amount Units: ug/l



Reviewer: moroneyc, 08-Apr-2022 06:48:56
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

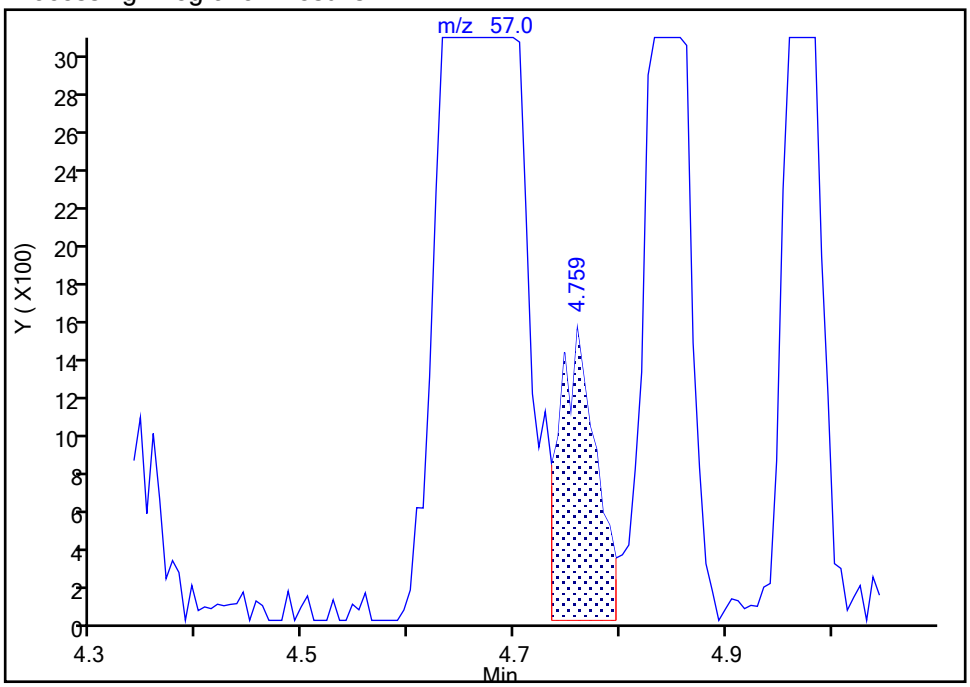
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47689.D
Injection Date: 08-Apr-2022 06:30:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

60 Isooctane, CAS: 540-84-1

Signal: 1

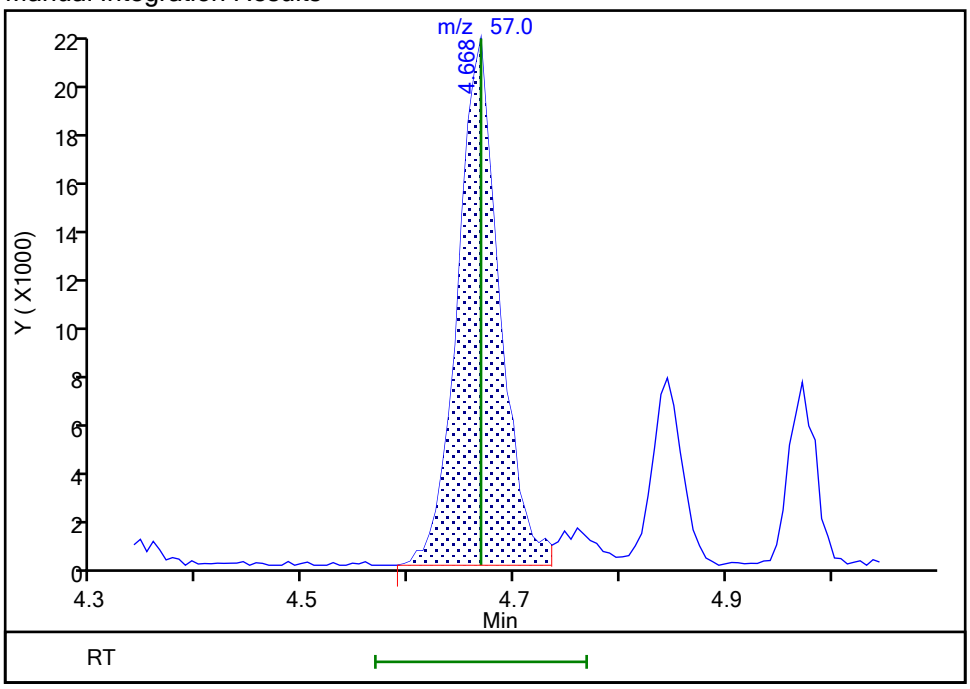
Processing Integration Results

RT: 4.76
Area: 3747
Amount: 1.434707
Amount Units: ug/l



Manual Integration Results

RT: 4.67
Area: 58990
Amount: 22.586973
Amount Units: ug/l



Reviewer: moroneyc, 08-Apr-2022 06:49:07
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab Sample ID: ICV 460-837357/18 Calibration Date: 04/05/2022 12:47

Instrument ID: CVOAMS2 Calib Start Date: 04/05/2022 07:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/05/2022 12:25

Lab File ID: B85249.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Lin2		0.0149		11.3	20.0	-43.7*	30.0
1,1-Difluoroethane	Ave	0.7039	0.6593		18.7	20.0	-6.3	30.0
Chlorodifluoromethane	Lin2		0.0548		17.2	20.0	-14.2	30.0
Dichlorodifluoromethane	Ave	0.4530	0.4359	0.1000	19.2	20.0	-3.8	30.0
Chloromethane	Ave	0.6384	0.6394	0.1000	20.0	20.0	0.2	30.0
Vinyl chloride	Ave	0.4315	0.4545	0.1000	21.1	20.0	5.3	30.0
Butadiene	Ave	0.3982	0.3960		19.9	20.0	-0.6	30.0
Bromomethane	Ave	0.2375	0.2509	0.1000	21.1	20.0	5.7	30.0
Chloroethane	Ave	0.2241	0.2233	0.1000	19.9	20.0	-0.3	30.0
Dichlorofluoromethane	Ave	0.5564	0.5735		20.6	20.0	3.1	30.0
Pentane	Ave	0.0463	0.0578		49.9	40.0	24.6	30.0
Trichlorofluoromethane	Ave	0.4164	0.4462	0.1000	21.4	20.0	7.2	30.0
Ethanol	Ave	0.0343	0.0247		576	800	-28.0	30.0
Ethyl ether	Ave	0.1980	0.2137		21.6	20.0	7.9	30.0
2-Methyl-1,3-butadiene	Ave	0.2512	0.3047		24.3	20.0	21.3	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2323	0.2191		18.9	20.0	-5.7	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3936	0.4010		20.4	20.0	1.9	30.0
Acrolein	Ave	0.6981	0.5019		216	300	-28.1	30.0
1,1-Dichloroethene	Ave	0.2221	0.2533	0.1000	22.8	20.0	14.0	30.0
Acetone	Ave	0.6702	0.5966	0.0500	89.0	100	-11.0	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2606	0.2941	0.1000	22.6	20.0	12.9	30.0
Iodomethane	Ave	0.3992	0.4331		21.7	20.0	8.5	30.0
Carbon disulfide	Ave	0.9383	1.057	0.1000	22.5	20.0	12.7	30.0
Isopropyl alcohol	Ave	0.7333	0.5392		147	200	-26.5	30.0
3-Chloro-1-propene	Ave	0.4051	0.4362		21.5	20.0	7.7	30.0
Methyl acetate	Ave	0.1952	0.2195	0.1000	45.0	40.0	12.5	30.0
Acetonitrile	Ave	0.5741	0.6443		224	200	12.2	30.0
Methylene Chloride	Ave	0.2878	0.2946	0.1000	20.5	20.0	2.4	30.0
2-Methyl-2-propanol	Ave	0.9889	0.9829		199	200	-0.6	30.0
Acrylonitrile	Ave	2.617	2.679		205	200	2.4	30.0
trans-1,2-Dichloroethene	Ave	0.2575	0.2741	0.1000	21.3	20.0	6.5	30.0
Methyl tert-butyl ether	Ave	0.7177	0.7507	0.1000	20.9	20.0	4.6	30.0
Hexane	Ave	0.4281	0.4850		22.7	20.0	13.3	30.0
1,1-Dichloroethane	Ave	0.5412	0.5535	0.2000	20.5	20.0	2.3	30.0
Vinyl acetate	Ave	0.2606	0.2219		34.1	40.0	-14.9	30.0
2-Chloro-1,3-butadiene	Ave	0.2373	0.2367		20.0	20.0	-0.2	30.0
Isopropyl ether	Ave	1.018	1.006		19.8	20.0	-1.2	30.0
Tert-butyl ethyl ether	Ave	0.2898	0.2827		19.5	20.0	-2.4	30.0
cis-1,2-Dichloroethene	Ave	0.2634	0.2849	0.1000	21.6	20.0	8.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab Sample ID: ICV 460-837357/18 Calibration Date: 04/05/2022 12:47

Instrument ID: CVOAMS2 Calib Start Date: 04/05/2022 07:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/05/2022 12:25

Lab File ID: B85249.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.1414	0.1379		19.5	20.0	-2.5	30.0
2-Butanone (MEK)	Ave	0.2083	0.2046	0.0500	98.2	100	-1.8	30.0
Propionitrile	Ave	0.2680	0.2729		204	200	1.8	30.0
Ethyl acetate	Ave	0.1686	0.1683		39.9	40.0	-0.2	30.0
Methyl acrylate	Ave	0.2509	0.2579		20.6	20.0	2.8	30.0
Chlorobromomethane	Ave	0.1222	0.1195		19.5	20.0	-2.3	30.0
Methacrylonitrile	Ave	0.0905	0.0931		206	200	2.9	30.0
Tetrahydrofuran	Ave	0.2190	0.2369		43.3	40.0	8.2	30.0
Chloroform	Ave	0.4498	0.4640	0.2000	20.6	20.0	3.2	30.0
1,1,1-Trichloroethane	Ave	0.3955	0.4209	0.1000	21.3	20.0	6.4	30.0
Cyclohexane	Ave	0.3957	0.4367	0.1000	22.1	20.0	10.4	30.0
1,1-Dichloropropene	Ave	0.3388	0.3536		20.9	20.0	4.4	30.0
Carbon tetrachloride	Ave	0.3309	0.3436	0.1000	20.8	20.0	3.8	30.0
Benzene	Ave	1.535	1.579	0.5000	20.6	20.0	2.9	30.0
1,2-Dichloroethane	Ave	0.3289	0.3261	0.1000	19.8	20.0	-0.8	30.0
Isobutyl alcohol	QuaF		0.1319		288	500	-42.4*	30.0
Tert-amyl methyl ether	Ave	0.7942	0.7763		19.5	20.0	-2.3	30.0
Isopropyl acetate	Ave	0.9483	0.8778		18.5	20.0	-7.4	30.0
n-Heptane	Ave	0.5187	0.5727		22.1	20.0	10.4	30.0
Trichloroethene	Ave	0.2312	0.2400	0.2000	20.8	20.0	3.8	30.0
n-Butanol	QuaF		0.0359		227	500	-54.6*	30.0
Methylcyclohexane	Ave	0.4532	0.4784	0.1000	21.1	20.0	5.6	30.0
Ethyl acrylate	Ave	0.6728	0.6969		20.7	20.0	3.6	30.0
1,2-Dichloropropane	Ave	0.2616	0.2723	0.1000	20.8	20.0	4.1	30.0
Dibromomethane	Ave	0.1315	0.1329		20.2	20.0	1.1	30.0
1,4-Dioxane	Lin2		0.9851		389	400	-2.9	30.0
Methyl methacrylate	Ave	0.0451	0.0445		39.4	40.0	-1.4	30.0
Dichlorobromomethane	Ave	0.2988	0.2999	0.2000	20.1	20.0	0.4	30.0
n-Propyl acetate	Ave	0.2950	0.2938		19.9	20.0	-0.4	30.0
2-Nitropropane	QuaF		0.0516		39.7	40.0	-0.7	30.0
2-Chloroethyl vinyl ether	Qua2		0.0482		15.8	20.0	-21.1	30.0
Epichlorohydrin	Ave	0.1490	0.1816		24.4	20.0	21.9	30.0
cis-1,3-Dichloropropene	Ave	0.5247	0.5096	0.2000	19.4	20.0	-2.9	30.0
4-Methyl-2-pentanone (MIBK)	Ave	1.753	1.661	0.0500	94.8	100	-5.2	30.0
Toluene	Ave	1.490	1.498	0.4000	20.1	20.0	0.5	30.0
trans-1,3-Dichloropropene	Ave	0.4351	0.4253	0.1000	19.5	20.0	-2.3	30.0
1,1,2-Trichloroethane	Ave	0.2308	0.2315	0.1000	20.1	20.0	0.3	30.0
Ethyl methacrylate	Ave	0.2240	0.2139		19.1	20.0	-4.5	30.0
Tetrachloroethene	Ave	0.3222	0.3291	0.2000	20.4	20.0	2.2	30.0
1,3-Dichloropropane	Ave	0.4812	0.4769		19.8	20.0	-0.9	30.0
2-Hexanone	Qua2		0.9912	0.0500	97.2	100	-2.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab Sample ID: ICV 460-837357/18 Calibration Date: 04/05/2022 12:47

Instrument ID: CVOAMS2 Calib Start Date: 04/05/2022 07:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/05/2022 12:25

Lab File ID: B85249.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorodibromomethane	Ave	0.2801	0.2744	0.1000	19.6	20.0	-2.0	30.0
Ethylene Dibromide	Ave	0.2497	0.2553	0.1000	20.5	20.0	2.3	30.0
n-Butyl acetate	Ave	0.4593	0.4332		18.9	20.0	-5.7	30.0
Chlorobenzene	Ave	0.8574	0.8690	0.5000	20.3	20.0	1.3	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3123	0.2941		18.8	20.0	-5.8	30.0
Ethylbenzene	Ave	0.4646	0.4670	0.1000	20.1	20.0	0.5	30.0
m-Xylene & p-Xylene	Ave	0.5390	0.5558	0.1000	20.6	20.0	3.1	30.0
o-Xylene	Ave	0.5414	0.5309	0.3000	19.6	20.0	-1.9	30.0
Styrene	Qua2		0.7998	0.3000	18.4	20.0	-8.0	30.0
n-Butyl acrylate	QuaF		0.1552		14.7	20.0	-26.6	30.0
Bromoform	Ave	0.1692	0.1582	0.1000	18.7	20.0	-6.5	30.0
Amyl acetate (mixed isomers)	QuaF		0.7853		16.0	20.0	-19.8	30.0
Isopropylbenzene	Lin2		1.475	0.1000	18.4	20.0	-8.0	30.0
Bromobenzene	Ave	0.6228	0.6272		20.1	20.0	0.7	30.0
1,2,3-Trichloropropane	Ave	0.1739	0.1829		21.0	20.0	5.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6642	0.6532	0.3000	19.7	20.0	-1.7	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2008	0.1959		19.5	20.0	-2.4	30.0
N-Propylbenzene	Ave	0.7205	0.7386		20.5	20.0	2.5	30.0
2-Chlorotoluene	Ave	0.6443	0.6670		20.7	20.0	3.5	30.0
4-Ethyltoluene	Ave	2.601	2.556		19.6	20.0	-1.8	30.0
4-Chlorotoluene	Ave	2.283	2.273		19.9	20.0	-0.4	30.0
1,3,5-Trimethylbenzene	Ave	2.273	2.306		20.3	20.0	1.4	30.0
Butyl Methacrylate	QuaF		0.4848		14.2	20.0	-29.1	30.0
tert-Butylbenzene	Ave	1.785	1.825		20.4	20.0	2.2	30.0
1,2,4-Trimethylbenzene	Ave	2.262	2.285		20.2	20.0	1.0	30.0
sec-Butylbenzene	Ave	2.935	2.995		20.4	20.0	2.0	30.0
1,3-Dichlorobenzene	Ave	1.256	1.238	0.6000	19.7	20.0	-1.4	30.0
1,4-Dichlorobenzene	Ave	1.290	1.255	0.5000	19.5	20.0	-2.7	30.0
4-Isopropyltoluene	Ave	2.482	2.490		20.1	20.0	0.3	30.0
1,2,3-Trimethylbenzene	Ave	2.420	2.399		19.8	20.0	-0.9	30.0
Benzyl chloride	QuaF		0.1557		14.6	20.0	-26.8	30.0
Indan	Qua2		0.7033		18.9	20.0	-5.3	30.0
1,2-Dichlorobenzene	Ave	1.194	1.187	0.4000	19.9	20.0	-0.6	30.0
p-Diethylbenzene	Lin2		1.376		20.2	20.0	1.0	30.0
n-Butylbenzene	Lin2		1.324		17.7	20.0	-11.3	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1167	0.1060	0.0500	18.2	20.0	-9.1	30.0
1,2,4,5-Tetramethylbenzene	Qua2		1.838		18.9	20.0	-5.3	30.0
1,3,5-Trichlorobenzene	Ave	0.9401	0.8613		18.3	20.0	-8.4	30.0
1,2,4-Trichlorobenzene	Ave	0.8182	0.7330	0.2000	17.9	20.0	-10.4	30.0
Hexachlorobutadiene	Ave	0.4459	0.4447		20.0	20.0	-0.2	30.0
Naphthalene	Ave	1.859	1.749		18.8	20.0	-5.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab Sample ID: ICV 460-837357/18 Calibration Date: 04/05/2022 12:47

Instrument ID: CVOAMS2 Calib Start Date: 04/05/2022 07:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/05/2022 12:25

Lab File ID: B85249.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Ave	0.8024	0.7536		18.8	20.0	-6.1	30.0
Dibromofluoromethane (Surr)	Ave	0.2462	0.2464		50.0	50.0	0.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2918	0.2921		50.1	50.0	0.1	30.0
Toluene-d8 (Surr)	Ave	1.449	1.444		49.8	50.0	-0.4	30.0
4-Bromofluorobenzene	Ave	0.7036	0.7257		51.6	50.0	3.1	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85249.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 05-Apr-2022 12:47:30 ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0143609-018
Operator ID: Instrument ID: CVOAMS2
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Apr-2022 08:41:09 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: delpolitov Date: 06-Apr-2022 08:40:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.605	0.587	0.018	44	3074	20.0	11.3	a
2 1,1-Difluoroethane	51	0.642	0.636	0.006	90	136268	20.0	18.7	
3 Dichlorodifluoromethane	85	0.654	0.648	0.006	57	90097	20.0	19.2	
4 Chlorodifluoromethane	67	0.654	0.648	0.006	96	11324	20.0	17.2	
5 Chloromethane	50	0.727	0.721	0.006	99	132162	20.0	20.0	
6 Butadiene	54	0.770	0.764	0.006	90	81848	20.0	19.9	
7 Vinyl chloride	62	0.764	0.764	0.000	98	93949	20.0	21.1	
8 Bromomethane	94	0.898	0.898	0.000	98	51869	20.0	21.1	
9 Chloroethane	64	0.910	0.910	0.000	100	46158	20.0	19.9	
10 Dichlorofluoromethane	67	1.020	1.008	0.012	55	118531	20.0	20.6	
12 Pentane	72	1.026	1.014	0.012	97	23879	40.0	49.9	
11 Trichlorofluoromethane	101	1.044	1.032	0.012	97	92222	20.0	21.4	M
14 Ethanol	46	1.124	1.112	0.012	73	7841	800.0	576.0	M
13 Ethyl ether	59	1.124	1.118	0.006	91	44162	20.0	21.6	
15 2-Methyl-1,3-butadiene	53	1.130	1.130	0.000	98	62988	20.0	24.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.148	1.166	-0.018	85	45297	20.0	18.9	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.172	1.173	-0.001	96	82875	20.0	20.4	a
18 Acrolein	56	1.178	1.179	-0.001	98	59776	300.4	216.0	
19 1,1-Dichloroethene	96	1.227	1.221	0.006	93	52349	20.0	22.8	
21 Acetone	43	1.258	1.258	0.000	87	84697	100.0	89.0	
20 112TCTFE	101	1.282	1.270	0.012	94	60796	20.0	22.6	
22 Iodomethane	142	1.294	1.294	0.000	99	89530	20.0	21.7	
23 Carbon disulfide	76	1.325	1.325	0.000	100	218478	20.0	22.5	
24 Isopropyl alcohol	45	1.361	1.374	-0.013	24	42758	200.0	147.1	a
25 3-Chloro-1-propene	39	1.410	1.410	0.000	91	90164	20.0	21.5	
26 Methyl acetate	43	1.428	1.422	0.006	100	90751	40.0	45.0	
27 Acetonitrile	39	1.453	1.447	0.006	27	51090	200.0	224.5	a
28 Methylene Chloride	84	1.483	1.471	0.012	99	60886	20.0	20.5	
* 29 TBA-d9 (IS)	65	1.550	1.550	0.000	0	396482	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.605	1.611	-0.006	44	77939	200.0	198.8	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.617	1.618	-0.001	95	212422	200.0	204.7	
32 trans-1,2-Dichloroethene	96	1.636	1.630	0.006	98	56659	20.0	21.3	
33 Methyl tert-butyl ether	73	1.654	1.648	0.006	98	155171	20.0	20.9	
34 Hexane	57	1.806	1.807	-0.001	94	100249	20.0	22.7	
35 1,1-Dichloroethane	63	1.886	1.886	0.000	99	114397	20.0	20.5	
36 Vinyl acetate	86	1.940	1.941	-0.001	100	12598	40.0	34.1	
37 2-Chloro-1,3-butadiene	88	1.953	1.947	0.006	84	48926	20.0	20.0	
38 Isopropyl ether	45	1.971	1.971	0.000	96	207968	20.0	19.8	
39 Tert-butyl ethyl ether	87	2.233	2.227	0.006	88	58443	20.0	19.5	
* 40 2-Butanone-d5	46	2.288	2.288	0.000	0	354911	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.300	2.300	0.000	91	58894	20.0	21.6	
42 2,2-Dichloropropane	79	2.306	2.300	0.006	61	28494	20.0	19.5	a
43 2-Butanone (MEK)	72	2.337	2.331	0.006	98	29046	100.0	98.2	
44 Propionitrile	54	2.373	2.374	-0.001	96	77489	200.0	203.7	
45 Ethyl acetate	70	2.404	2.404	0.000	99	9558	40.0	39.9	
62 Methyl acrylate	55	2.416	2.416	0.000	99	53316	20.0	20.6	
46 Chlorobromomethane	128	2.483	2.477	0.006	96	24696	20.0	19.5	
47 Methacrylonitrile	67	2.489	2.483	0.006	96	192493	200.0	205.7	
48 Tetrahydrofuran	72	2.520	2.526	-0.006	96	13451	40.0	43.3	M
49 Chloroform	83	2.568	2.569	-0.001	97	95898	20.0	20.6	
$ 50 Dibromofluoromethane (Surr)	113	2.696	2.697	-0.001	96	127324	50.0	50.0	
51 1,1,1-Trichloroethane	97	2.703	2.703	0.000	69	86995	20.0	21.3	
52 Cyclohexane	84	2.745	2.745	0.000	96	90263	20.0	22.1	
54 1,1-Dichloropropene	75	2.843	2.843	0.000	92	73096	20.0	20.9	
53 Carbon tetrachloride	117	2.849	2.855	-0.006	74	71022	20.0	20.8	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.983	2.977	0.006	0	150965	50.0	50.1	
56 Benzene	78	3.026	3.026	0.000	97	210412	20.0	20.6	
57 1,2-Dichloroethane	62	3.056	3.050	0.006	97	67408	20.0	19.8	
58 Isobutyl alcohol	42	3.141	3.123	0.018	28	26142	500.0	287.9	a
59 Tert-amyl methyl ether	73	3.196	3.197	0.000	86	160468	20.0	19.5	
73 Isopropyl acetate	43	3.209	3.209	0.000	90	181438	20.0	18.5	
* 60 Fluorobenzene	96	3.318	3.318	0.000	98	516740	50.0	50.0	
61 n-Heptane	43	3.373	3.373	0.000	96	118375	20.0	22.1	
63 Trichloroethene	95	3.715	3.709	0.006	96	49608	20.0	20.8	
64 n-Butanol	43	3.891	3.879	0.012	63	7108	500.0	227.1	M
65 Methylcyclohexane	83	3.916	3.922	-0.006	93	98885	20.0	21.1	
66 Ethyl acrylate	55	3.928	3.922	0.006	93	144037	20.0	20.7	
67 1,2-Dichloropropane	63	3.958	3.952	0.006	91	56293	20.0	20.8	
68 Dibromomethane	93	4.086	4.087	-0.001	93	27470	20.0	20.2	
* 69 1,4-Dioxane-d8	96	4.129	4.111	0.018	0	22544	1000.0	1000.0	
70 1,4-Dioxane	88	4.172	4.178	-0.006	32	8883	400.0	388.5	M
71 Methyl methacrylate	100	4.214	4.221	-0.007	91	18393	40.0	39.4	
72 Dichlorobromomethane	83	4.330	4.324	0.006	98	61983	20.0	20.1	
81 n-Propyl acetate	43	4.336	4.337	-0.001	94	60729	20.0	19.9	
74 2-Nitropropane	41	4.635	4.635	0.000	99	21332	40.0	39.7	
75 2-Chloroethyl vinyl ether	63	4.812	4.806	0.006	94	9955	20.0	15.8	
76 Epichlorohydrin	57	4.848	4.843	0.005	39	5157	20.0	24.4	M
77 cis-1,3-Dichloropropene	75	4.934	4.934	0.000	96	67906	20.0	19.4	
78 4-Methyl-2-pentanone (MIBK)	43	5.233	5.233	0.000	97	235846	100.0	94.8	a
$ 79 Toluene-d8 (Surr)	98	5.287	5.288	-0.001	98	481120	50.0	49.8	
80 Toluene	91	5.379	5.379	0.000	93	199578	20.0	20.1	
82 trans-1,3-Dichloropropene	75	5.806	5.800	0.006	98	56666	20.0	19.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.062	6.056	0.006	93	30844	20.0	20.1	
84 Ethyl methacrylate	69	6.086	6.080	0.006	73	44208	20.0	19.1	a
85 Tetrachloroethene	166	6.208	6.208	0.000	93	43850	20.0	20.4	
86 1,3-Dichloropropane	76	6.299	6.300	-0.001	96	63539	20.0	19.8	
87 2-Hexanone	43	6.592	6.592	0.000	99	140719	100.0	97.2	
88 Chlorodibromomethane	129	6.653	6.647	0.006	98	36559	20.0	19.6	
89 Ethylene Dibromide	107	6.763	6.763	0.000	98	34019	20.0	20.5	
90 n-Butyl acetate	43	6.927	6.934	-0.007	98	57727	20.0	18.9	
* 91 Chlorobenzene-d5	117	7.647	7.647	0.000	89	333107	50.0	50.0	
92 Chlorobenzene	112	7.695	7.696	-0.001	93	115786	20.0	20.3	
93 1,1,1,2-Tetrachloroethane	131	7.915	7.915	0.000	94	39185	20.0	18.8	
94 Ethylbenzene	106	7.994	7.994	0.000	99	62228	20.0	20.1	
95 m-Xylene & p-Xylene	106	8.244	8.238	0.006	98	74056	20.0	20.6	
96 o-Xylene	106	8.976	8.982	-0.006	93	70744	20.0	19.6	
97 Styrene	104	9.024	9.019	0.005	96	106561	20.0	18.4	
98 n-Butyl acrylate	73	9.220	9.226	-0.006	96	20685	20.0	14.7	
99 Bromoform	173	9.262	9.262	0.000	93	21084	20.0	18.7	
101 Amyl acetate (mixed isomers)	43	9.707	9.707	0.000	91	53817	20.0	16.0	
102 Isopropylbenzene	105	9.726	9.726	0.000	97	196545	20.0	18.4	
$ 103 4-Bromofluorobenzene	174	9.933	9.933	0.000	87	124326	50.0	51.6	
104 Bromobenzene	156	10.104	10.104	0.000	97	42984	20.0	20.1	
105 1,2,3-Trichloropropane	110	10.323	10.329	-0.006	97	12534	20.0	21.0	
106 1,1,2,2-Tetrachloroethane	83	10.347	10.354	-0.007	97	44762	20.0	19.7	
107 trans-1,4-Dichloro-2-butene	53	10.451	10.457	-0.006	82	13425	20.0	19.5	
108 N-Propylbenzene	120	10.475	10.482	-0.007	98	50616	20.0	20.5	
109 2-Chlorotoluene	126	10.518	10.518	0.000	98	45709	20.0	20.7	
110 4-Ethyltoluene	105	10.701	10.701	0.000	98	175147	20.0	19.6	
111 4-Chlorotoluene	91	10.725	10.726	-0.001	99	155786	20.0	19.9	
112 1,3,5-Trimethylbenzene	105	10.835	10.835	0.000	93	158002	20.0	20.3	
100 Butyl Methacrylate	87	11.213	11.219	-0.006	94	33226	20.0	14.2	
113 tert-Butylbenzene	119	11.365	11.360	0.005	93	125070	20.0	20.4	
114 1,2,4-Trimethylbenzene	105	11.451	11.451	0.000	99	156574	20.0	20.2	
115 sec-Butylbenzene	105	11.756	11.756	0.000	99	205233	20.0	20.4	
116 1,3-Dichlorobenzene	146	11.817	11.817	0.000	95	84864	20.0	19.7	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	97	171328	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.006	12.006	0.000	96	86018	20.0	19.5	
119 4-Isopropyltoluene	119	12.085	12.085	0.000	98	170655	20.0	20.1	
120 1,2,3-Trimethylbenzene	105	12.182	12.189	-0.007	99	164390	20.0	19.8	
121 Benzyl chloride	126	12.335	12.341	-0.006	98	10669	20.0	14.6	
122 2,3-Dihydroindene	117	12.512	12.512	0.000	94	145367	20.0	18.9	
123 1,2-Dichlorobenzene	146	12.694	12.695	-0.001	95	81343	20.0	19.9	
124 p-Diethylbenzene	119	12.829	12.829	0.000	93	94296	20.0	20.2	
125 n-Butylbenzene	92	12.853	12.853	0.000	97	90716	20.0	17.7	
126 1,2-Dibromo-3-Chloropropane	157	13.609	13.609	0.000	91	7267	20.0	18.2	
127 1,2,4,5-Tetramethylbenzene	119	13.646	13.646	0.000	97	125960	20.0	18.9	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	97	59025	20.0	18.3	
129 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	94	50232	20.0	17.9	
130 Hexachlorobutadiene	225	14.383	14.383	0.000	93	30479	20.0	20.0	
131 Naphthalene	128	14.389	14.389	0.000	99	119894	20.0	18.8	
132 1,2,3-Trichlorobenzene	180	14.548	14.548	0.000	94	51643	20.0	18.8	
S 133 1,2-Dichloroethene, Total	100				0		40.0	42.9	
S 134 1,3-Dichloropropene, Total	100				0		40.0	39.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	40.2	
S 136 Total BTEX	1				0		100.0	101.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8FreonsSS_00043	Amount Added:	2.00	Units: uL	
ACROLEIN SP_00136	Amount Added:	3.00	Units: uL	
GAS C SP_00455	Amount Added:	2.00	Units: uL	
8260 SP_00153	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 06-Apr-2022 08:48:59 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85249.D

Injection Date: 05-Apr-2022 12:47:30 Instrument ID: CVOAMS2 Operator ID:

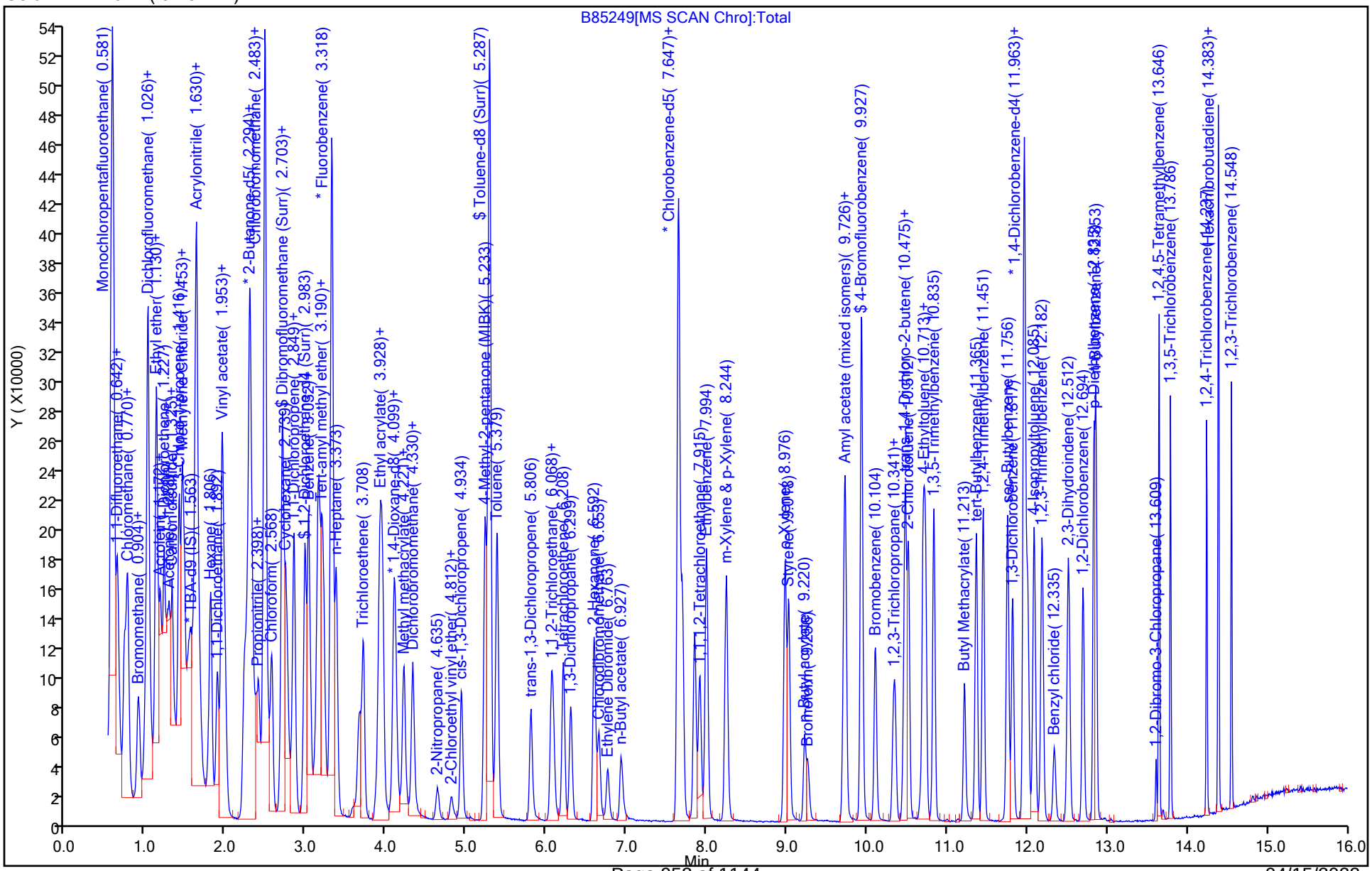
Lims ID: ICV Worklist Smp#: 18

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 18

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

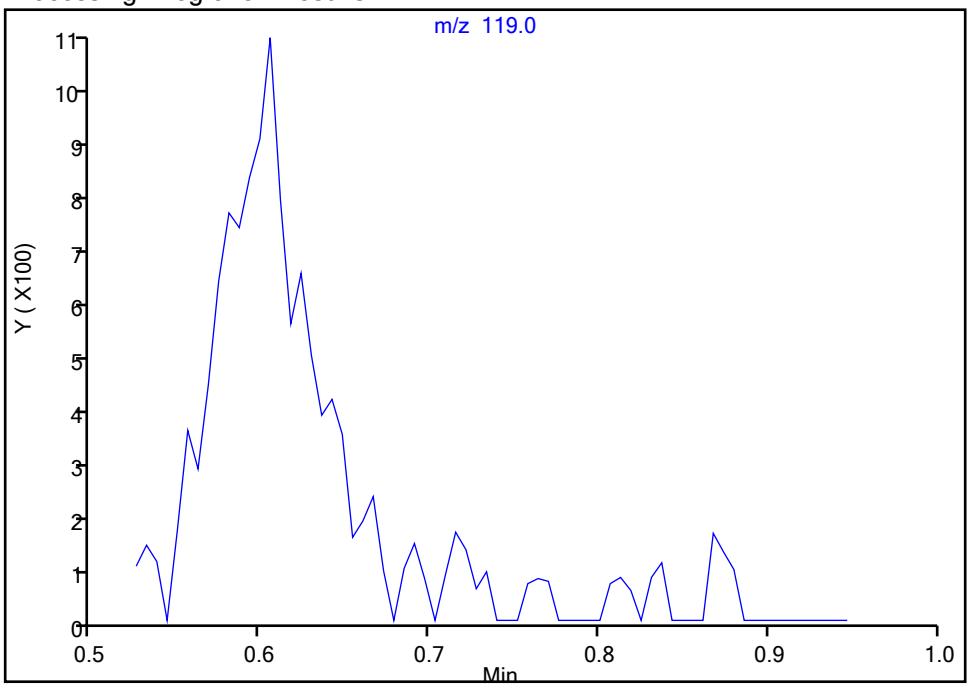
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85249.D
Injection Date: 05-Apr-2022 12:47:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

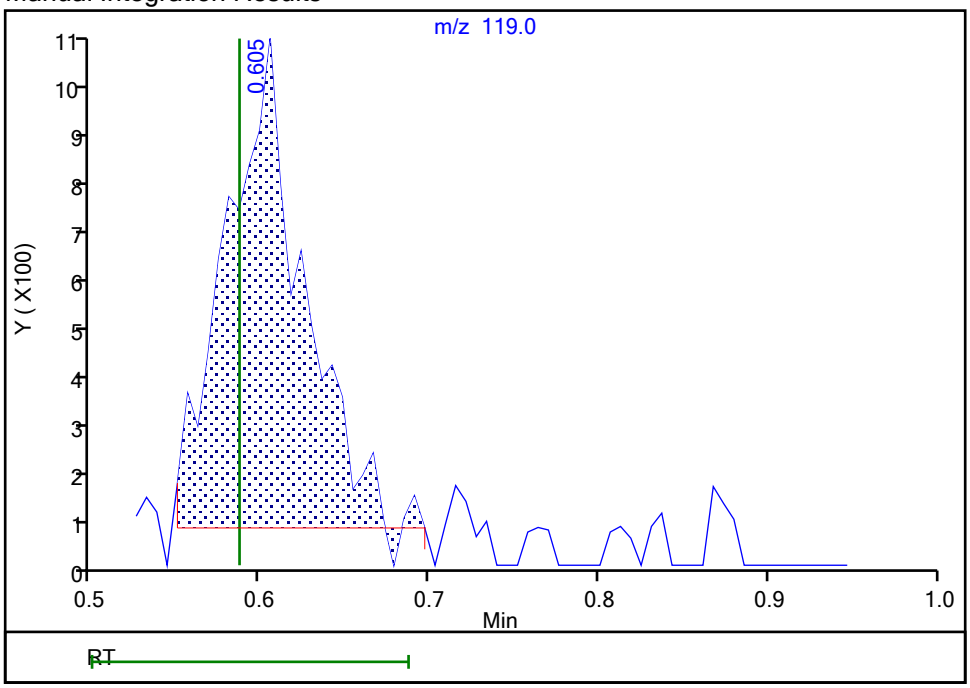
Not Detected
Expected RT: 0.59

Processing Integration Results



Manual Integration Results

RT: 0.61
Area: 3074
Amount: 11.252199
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 19:02:35
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

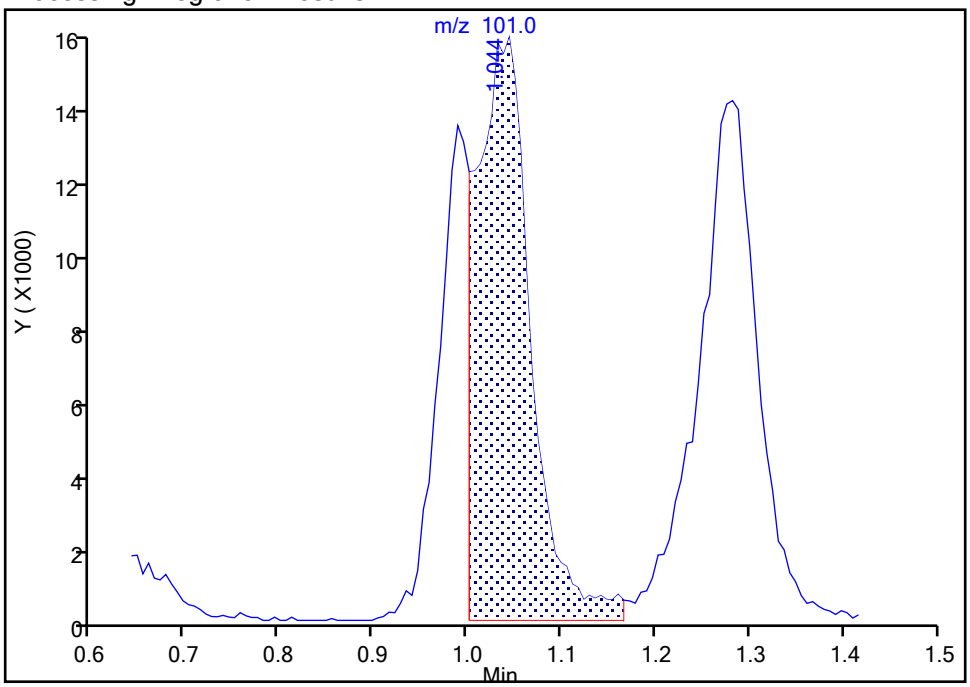
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85249.D
Injection Date: 05-Apr-2022 12:47:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

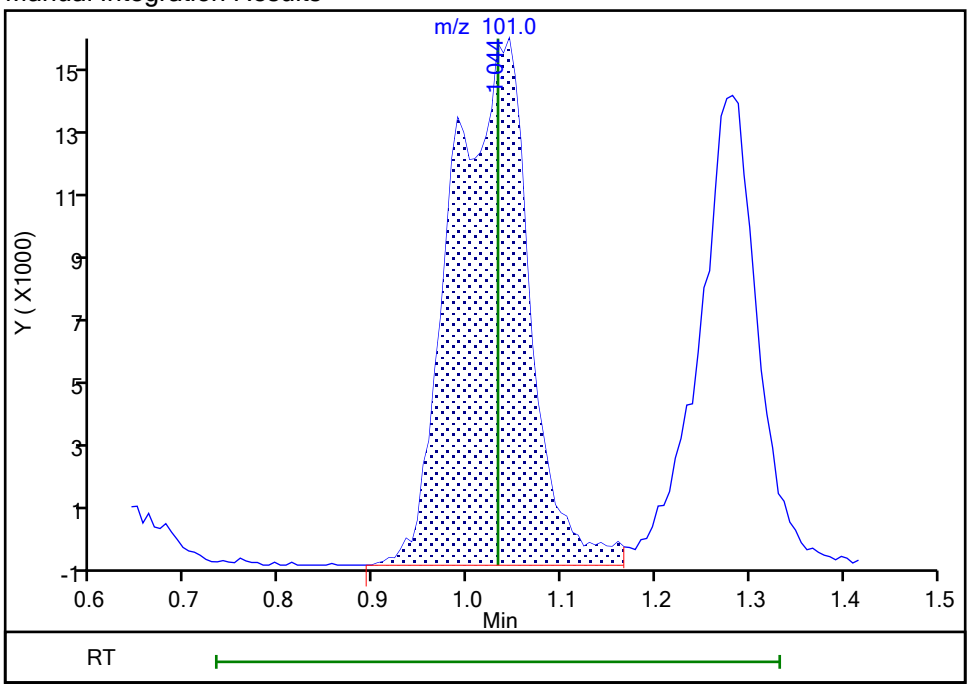
Processing Integration Results

RT: 1.04
Area: 65408
Amount: 15.200546
Amount Units: ug/l



Manual Integration Results

RT: 1.04
Area: 92222
Amount: 21.432008
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 19:02:55
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

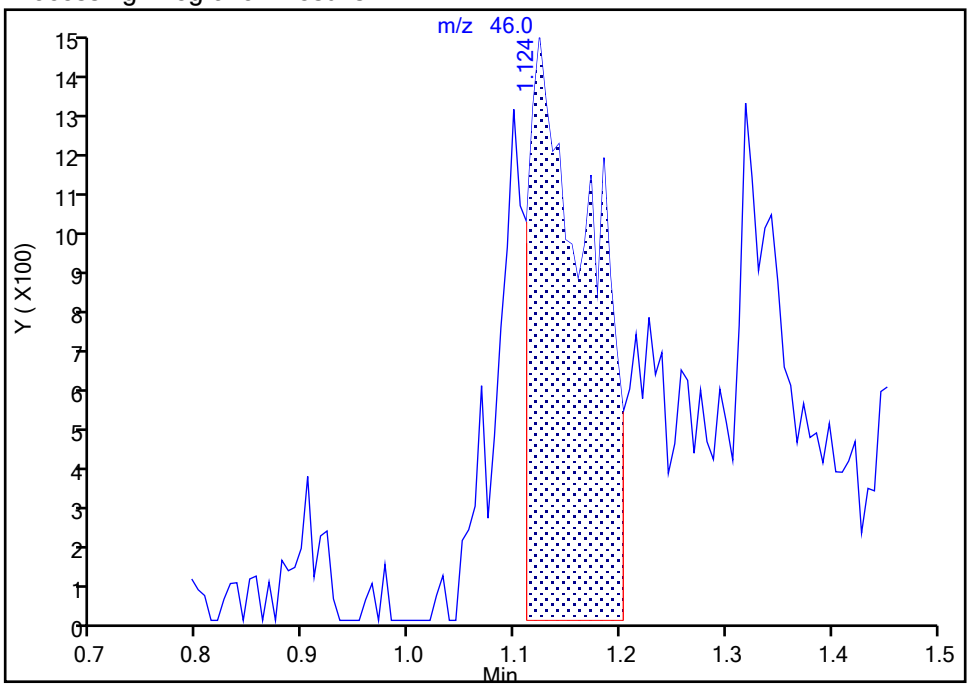
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85249.D
Injection Date: 05-Apr-2022 12:47:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

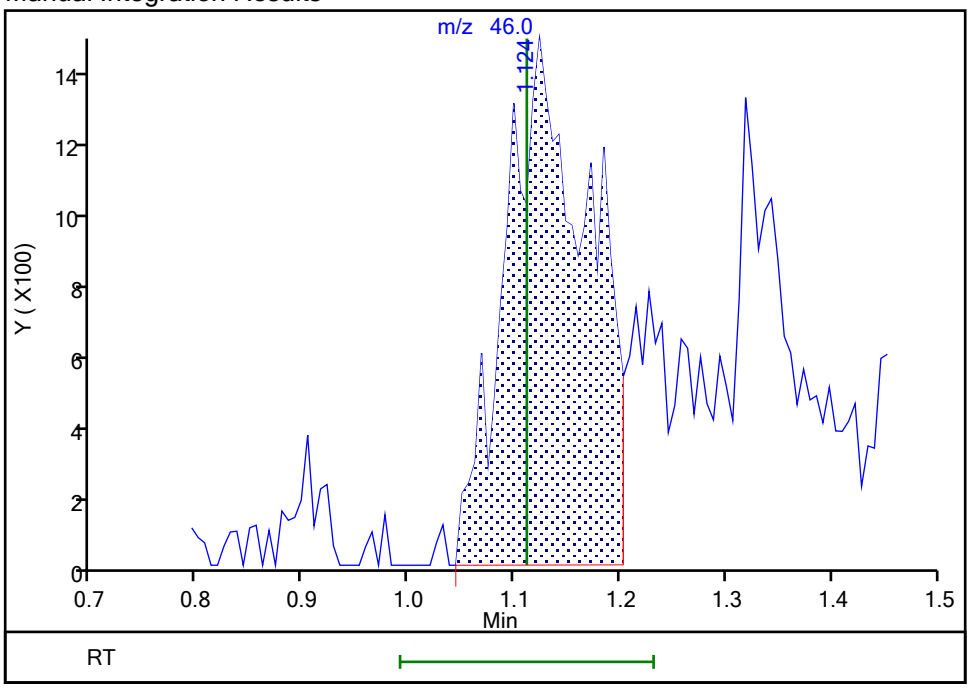
Processing Integration Results

RT: 1.12
Area: 5727
Amount: 420.6901
Amount Units: ug/l



Manual Integration Results

RT: 1.12
Area: 7841
Amount: 575.9788
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 19:03:10
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

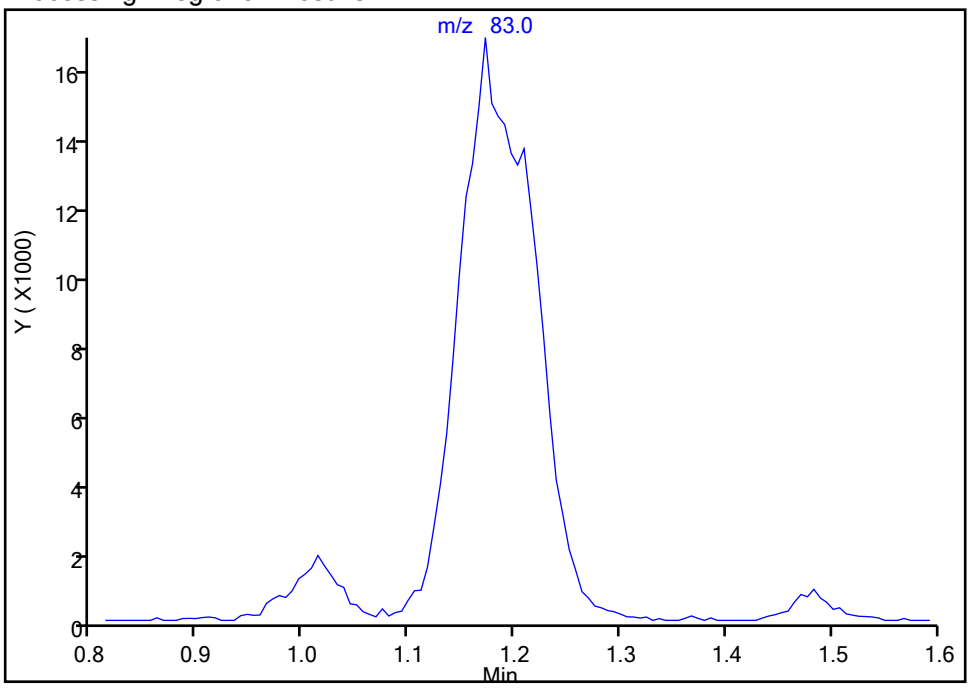
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85249.D
Injection Date: 05-Apr-2022 12:47:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

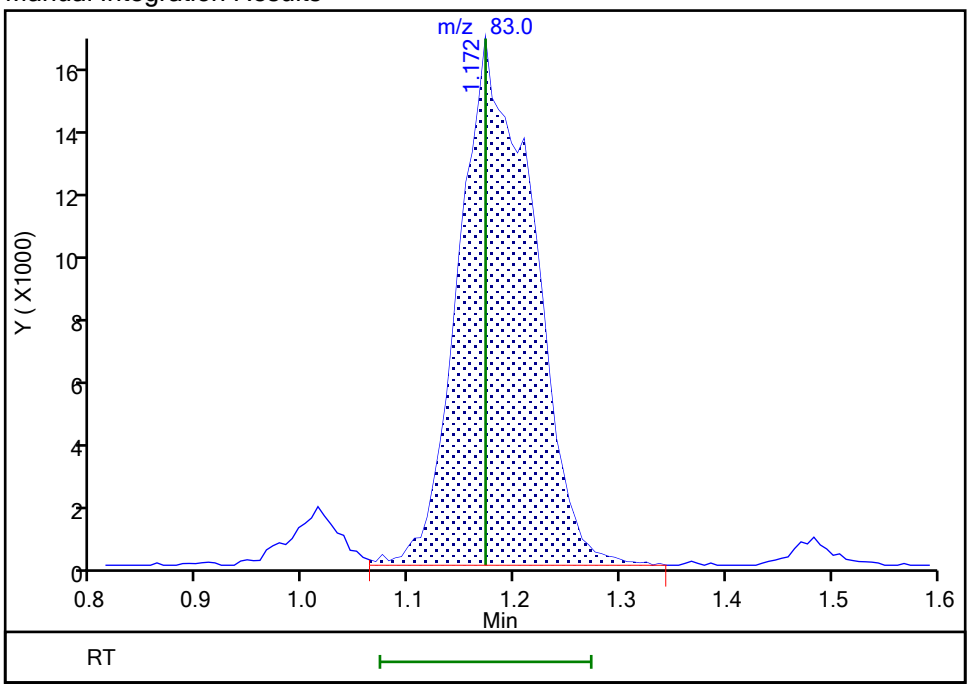
Not Detected
Expected RT: 1.17

Processing Integration Results



Manual Integration Results

RT: 1.17
Area: 82875
Amount: 20.375727
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 19:03:18
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

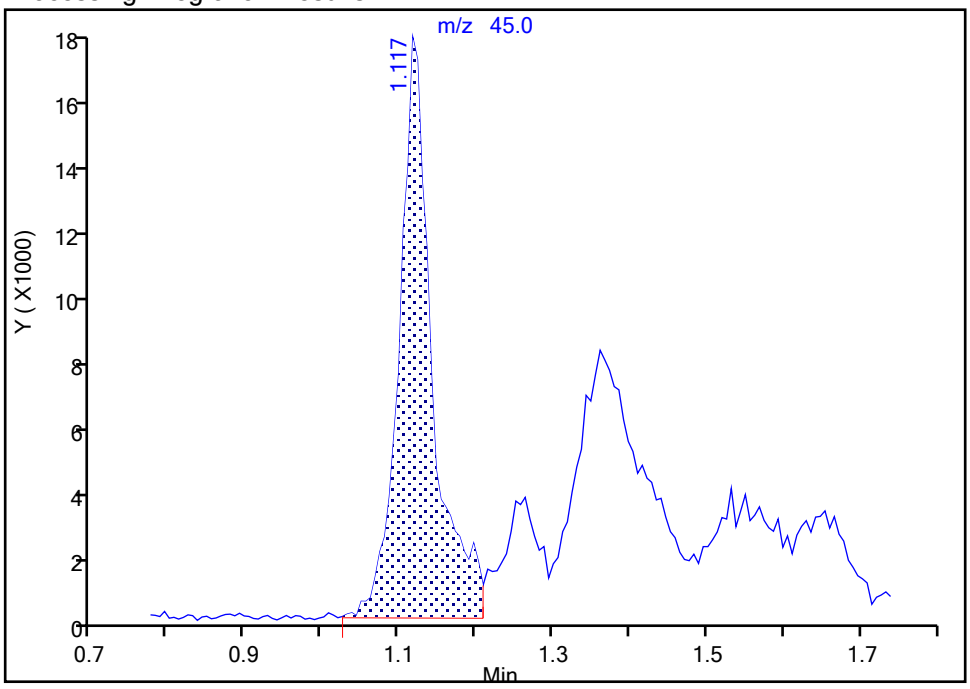
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85249.D
Injection Date: 05-Apr-2022 12:47:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

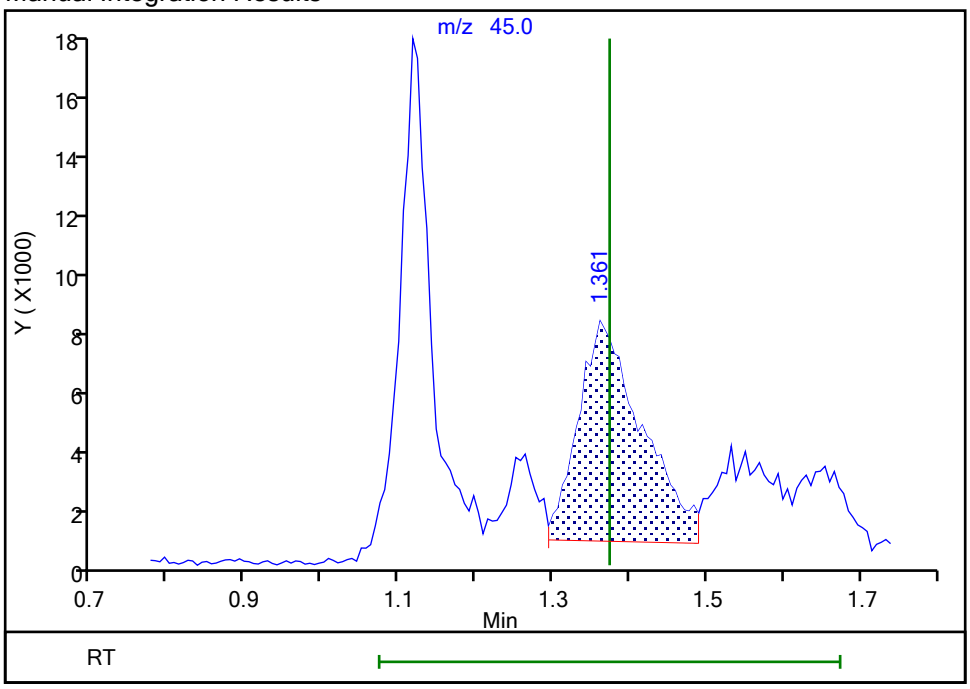
Processing Integration Results

RT: 1.12
Area: 53228
Amount: 183.0864
Amount Units: ug/l



Manual Integration Results

RT: 1.36
Area: 42758
Amount: 147.0731
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 19:03:33
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

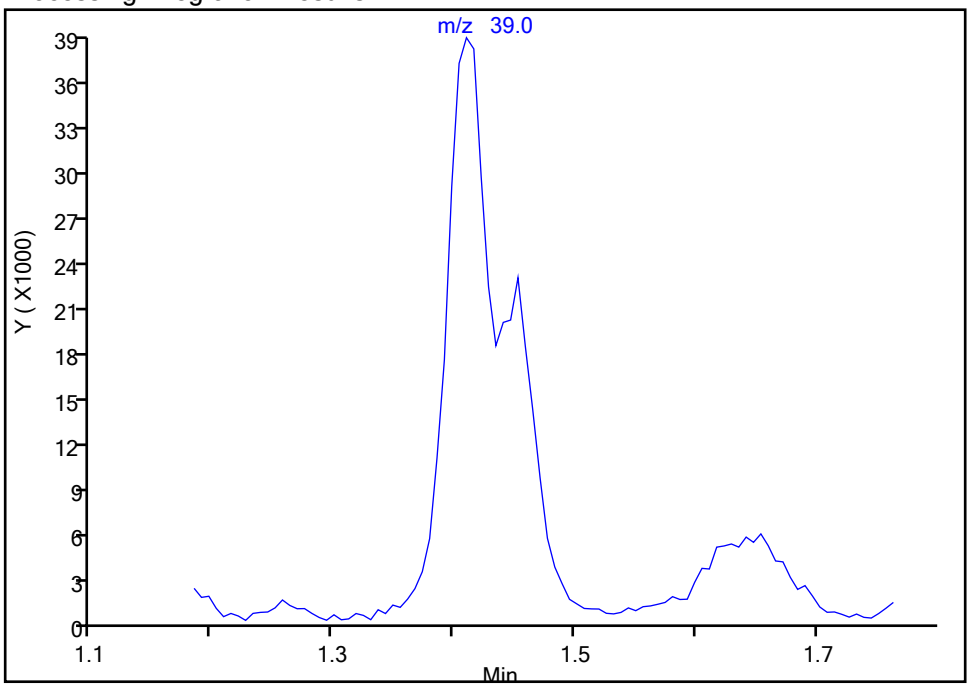
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85249.D
Injection Date: 05-Apr-2022 12:47:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

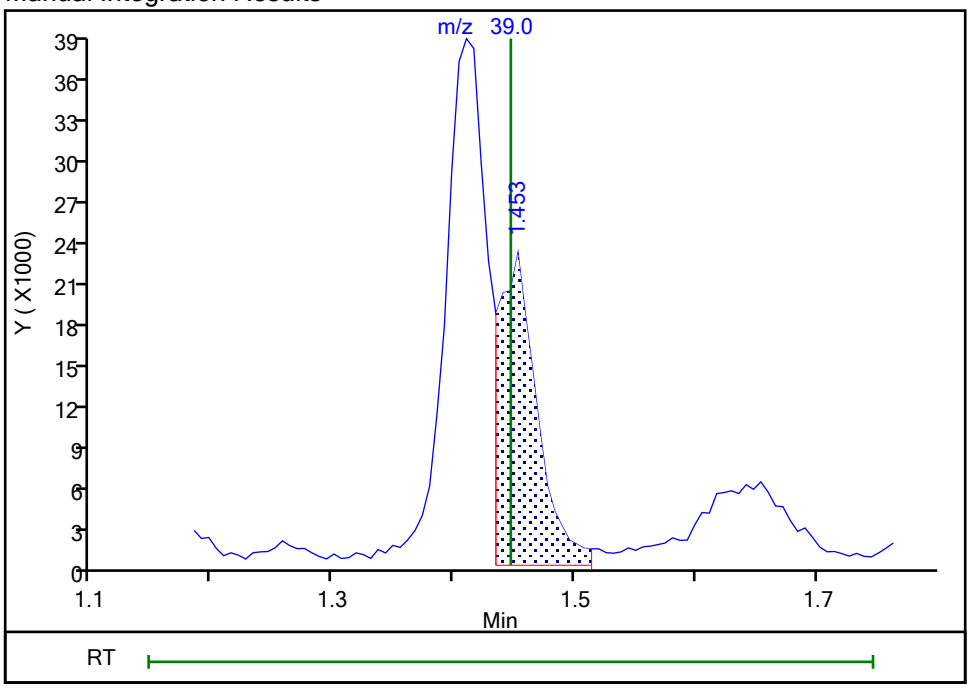
Not Detected
Expected RT: 1.45

Processing Integration Results



Manual Integration Results

RT: 1.45
Area: 51090
Amount: 224.4613
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 19:03:41
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

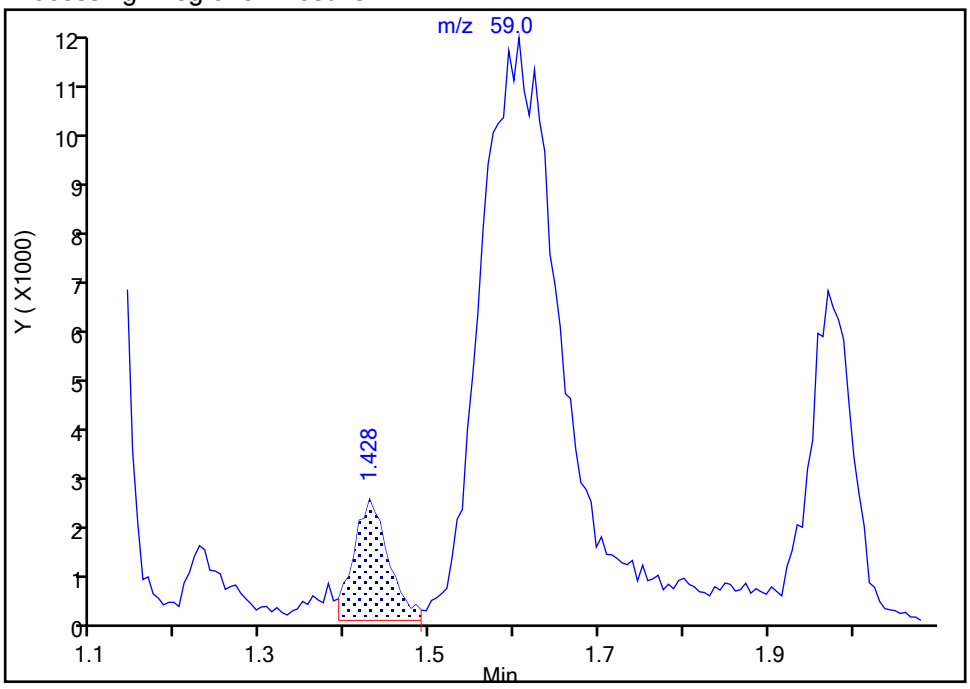
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85249.D
Injection Date: 05-Apr-2022 12:47:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

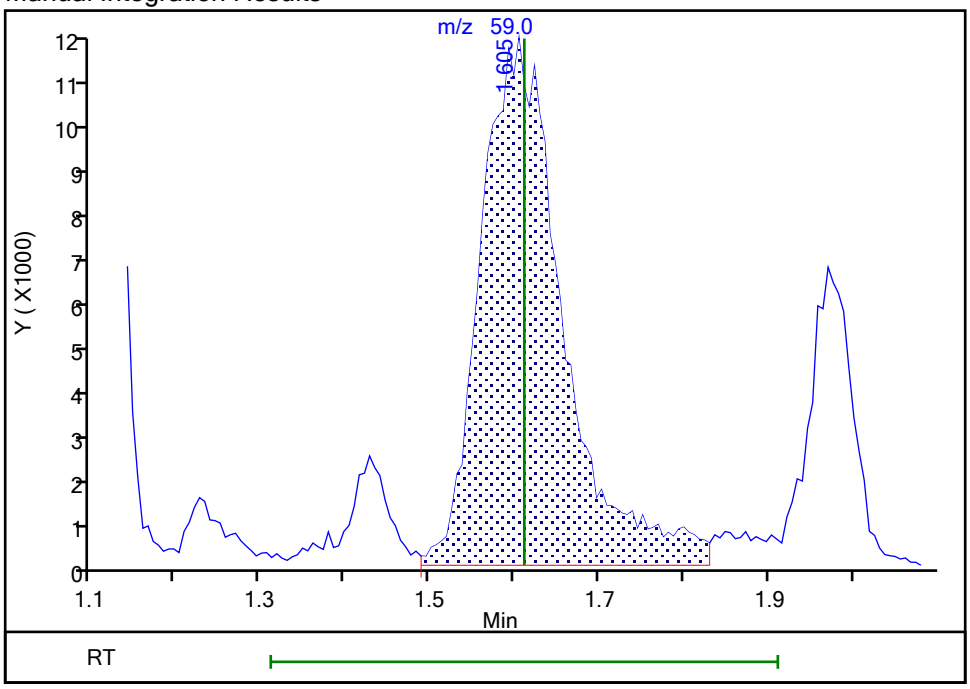
Processing Integration Results

RT: 1.43
Area: 6873
Amount: 17.529241
Amount Units: ug/l



Manual Integration Results

RT: 1.61
Area: 77939
Amount: 198.7795
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 19:03:47
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

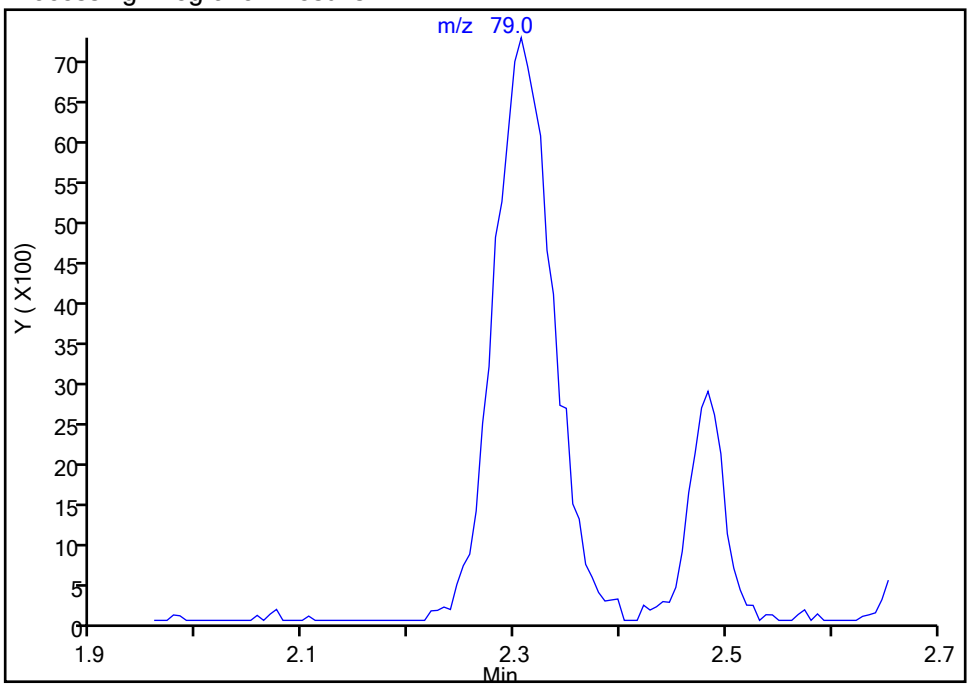
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85249.D
Injection Date: 05-Apr-2022 12:47:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

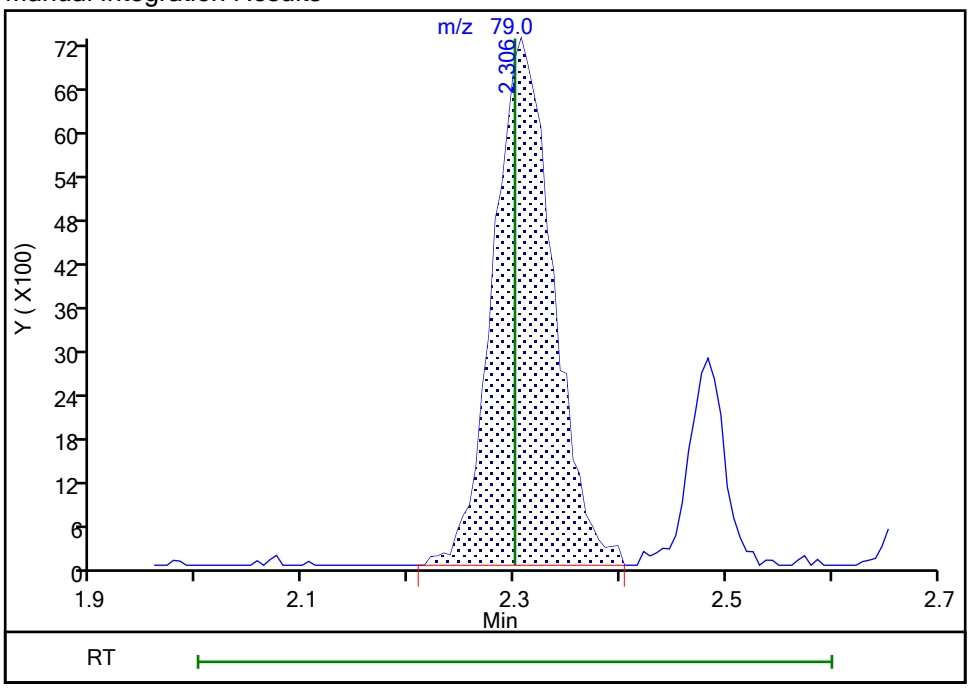
Not Detected
Expected RT: 2.30

Processing Integration Results



Manual Integration Results

RT: 2.31
Area: 28494
Amount: 19.505020
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 19:05:43
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

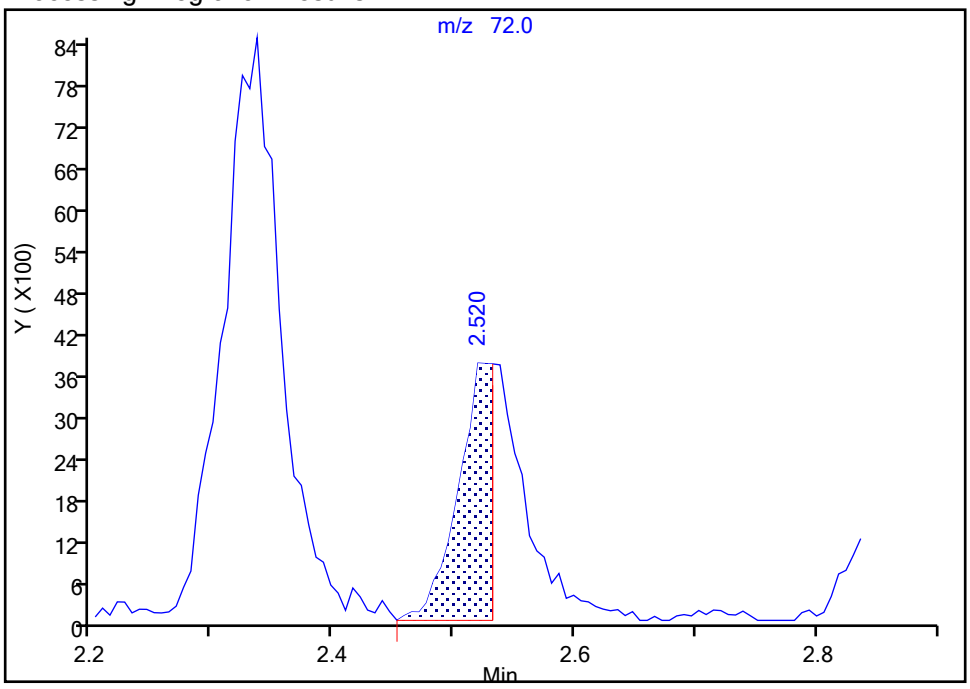
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85249.D
Injection Date: 05-Apr-2022 12:47:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

48 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

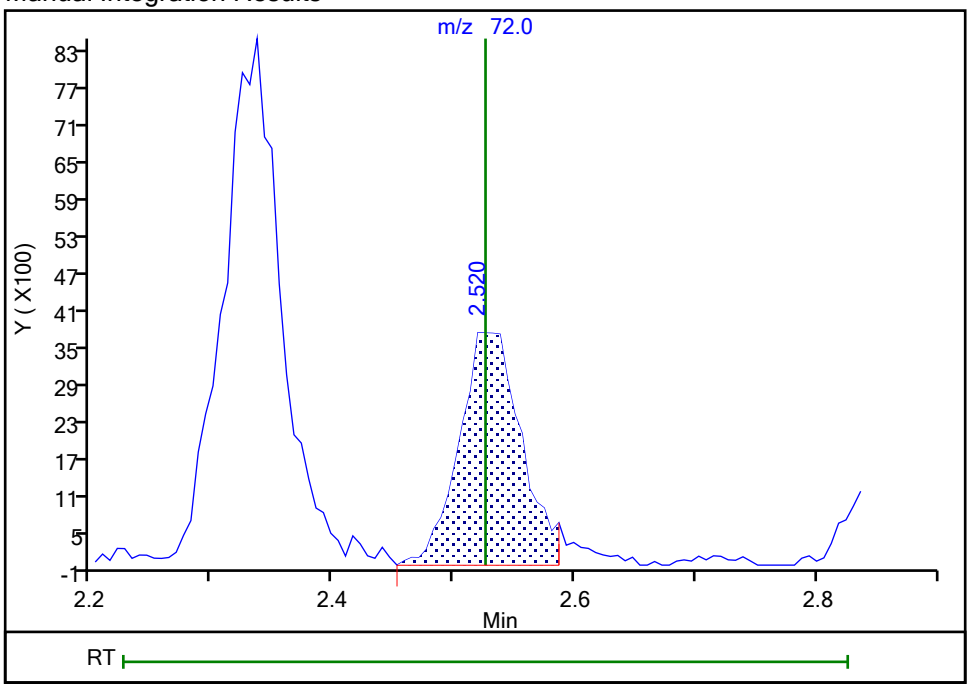
Processing Integration Results

RT: 2.52
Area: 7713
Amount: 24.810914
Amount Units: ug/l



Manual Integration Results

RT: 2.52
Area: 13451
Amount: 43.268715
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 19:05:56
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

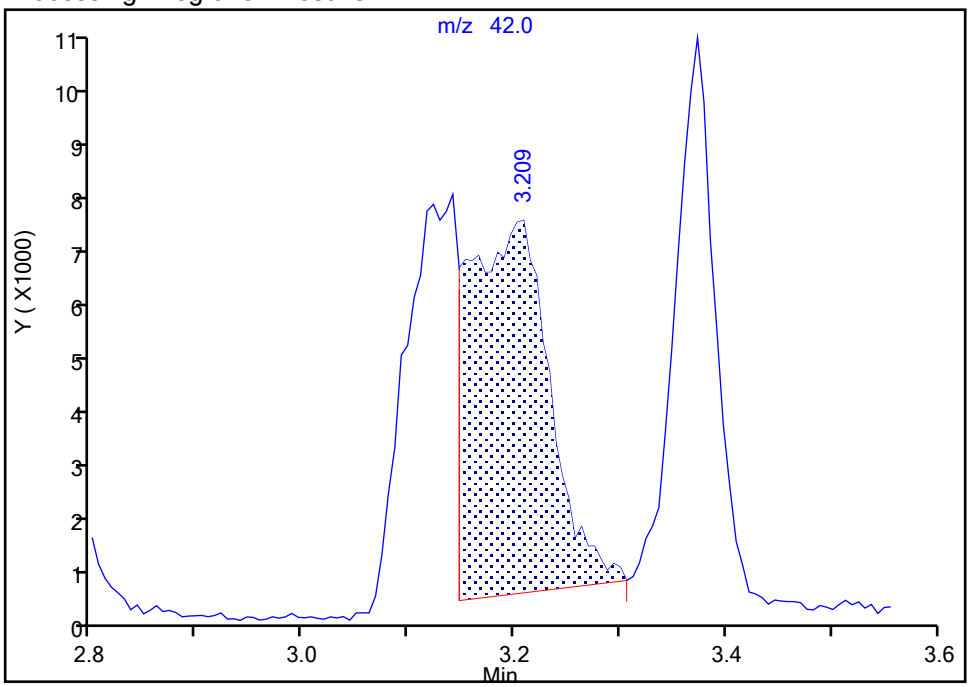
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85249.D
Injection Date: 05-Apr-2022 12:47:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

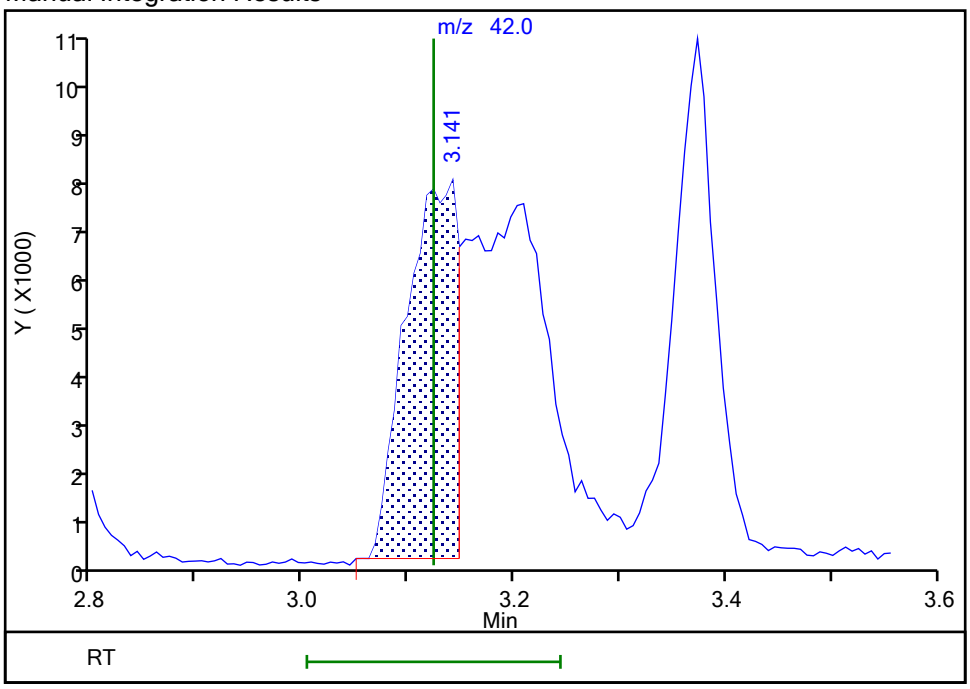
Processing Integration Results

RT: 3.21
Area: 36805
Amount: 404.7330
Amount Units: ug/l



Manual Integration Results

RT: 3.14
Area: 26142
Amount: 287.8713
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 19:06:07
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

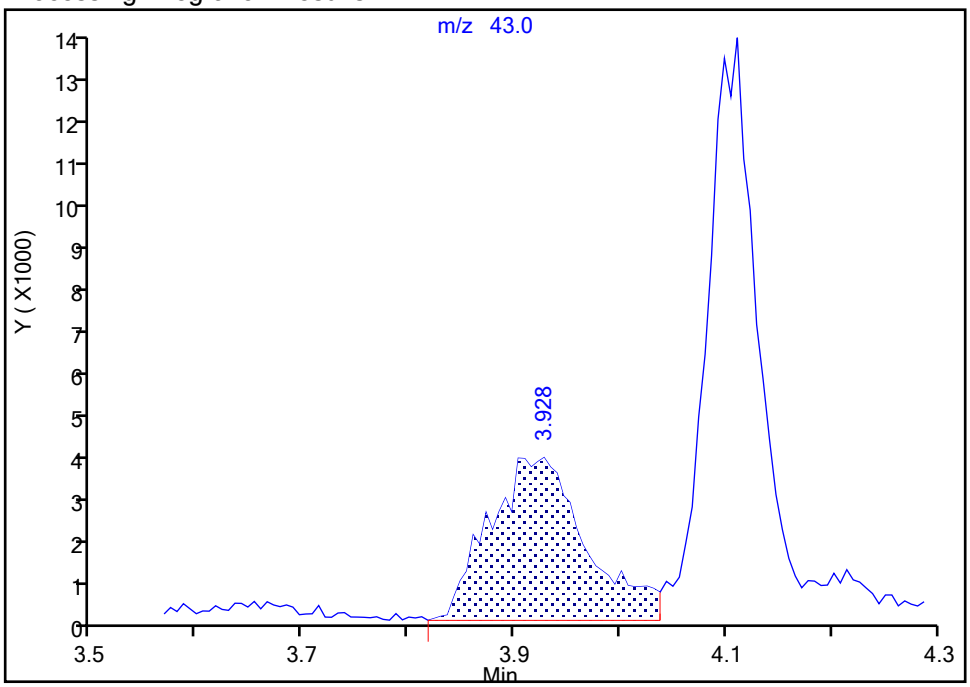
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85249.D
Injection Date: 05-Apr-2022 12:47:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 n-Butanol, CAS: 71-36-3

Signal: 1

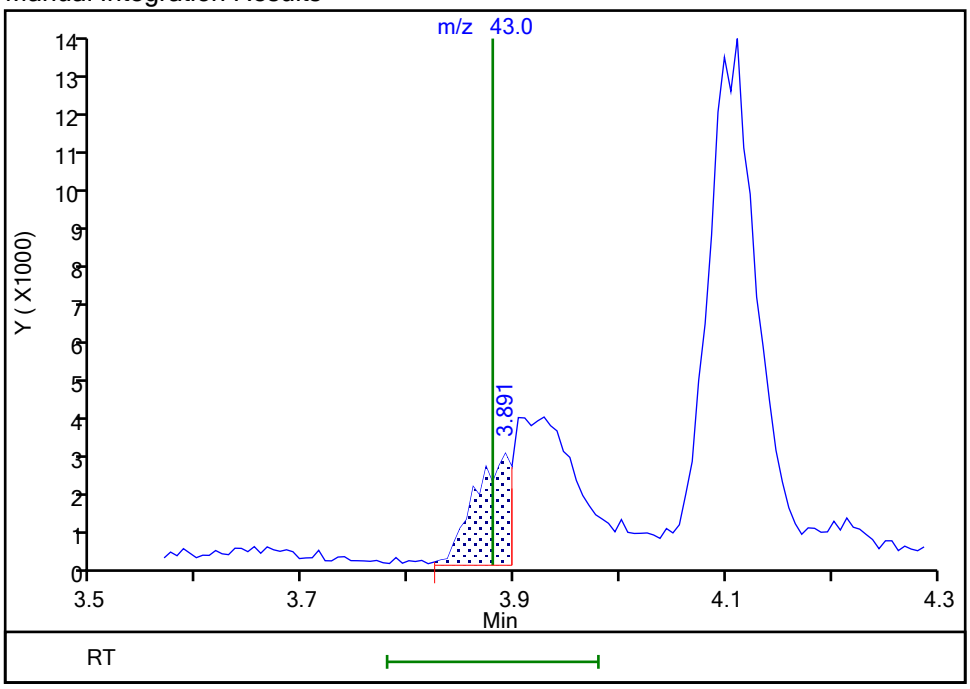
Processing Integration Results

RT: 3.93
Area: 23829
Amount: 747.4986
Amount Units: ug/l



Manual Integration Results

RT: 3.89
Area: 7108
Amount: 227.0557
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 19:08:47
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

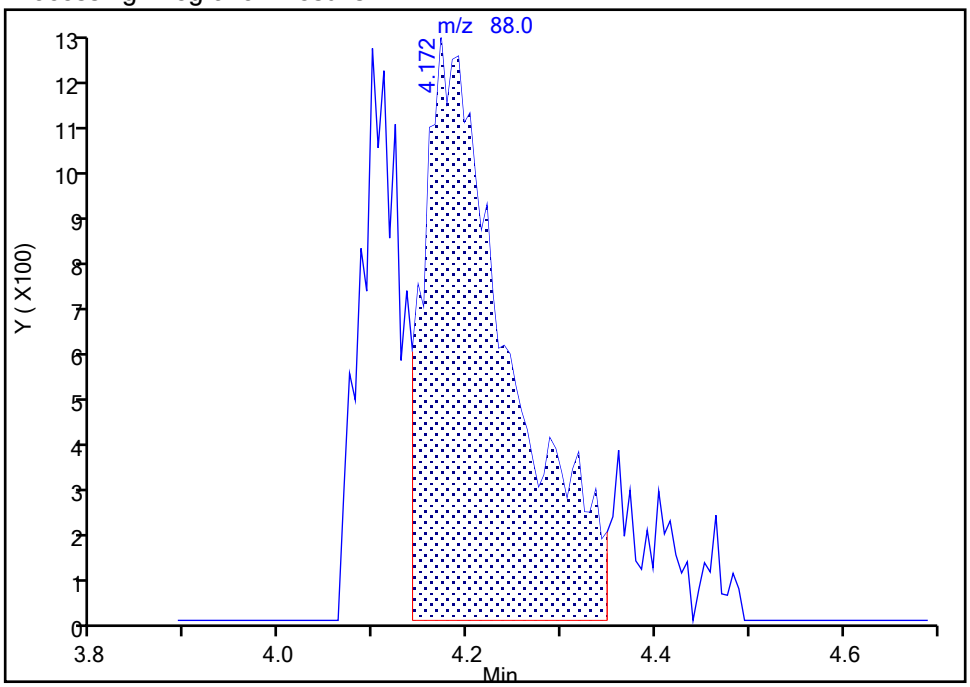
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85249.D
Injection Date: 05-Apr-2022 12:47:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

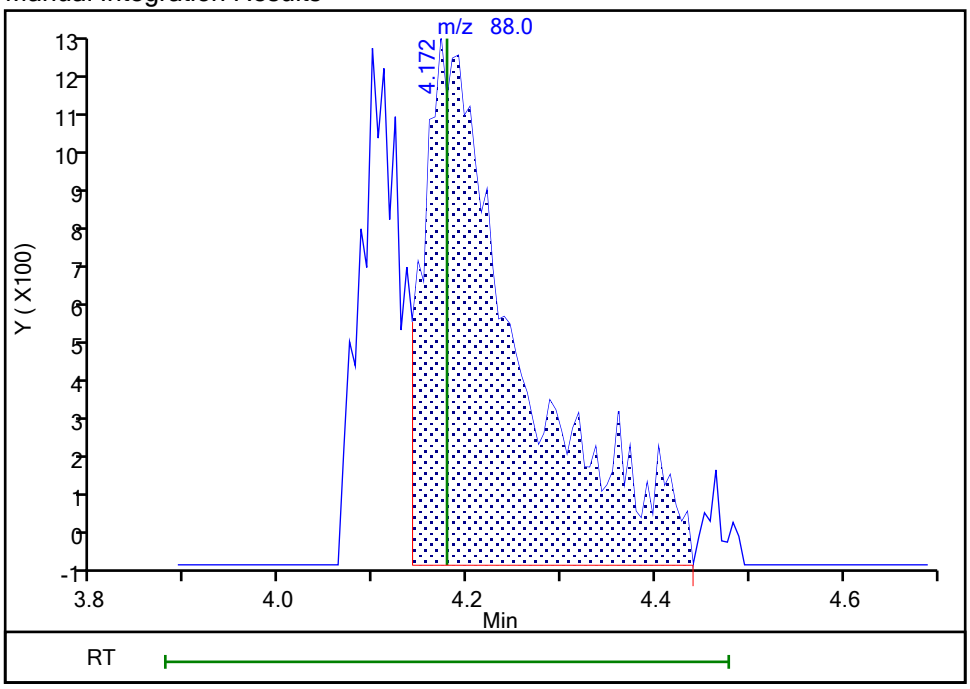
Processing Integration Results

RT: 4.17
Area: 7898
Amount: 346.4156
Amount Units: ug/l



Manual Integration Results

RT: 4.17
Area: 8883
Amount: 388.5114
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 19:06:35
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

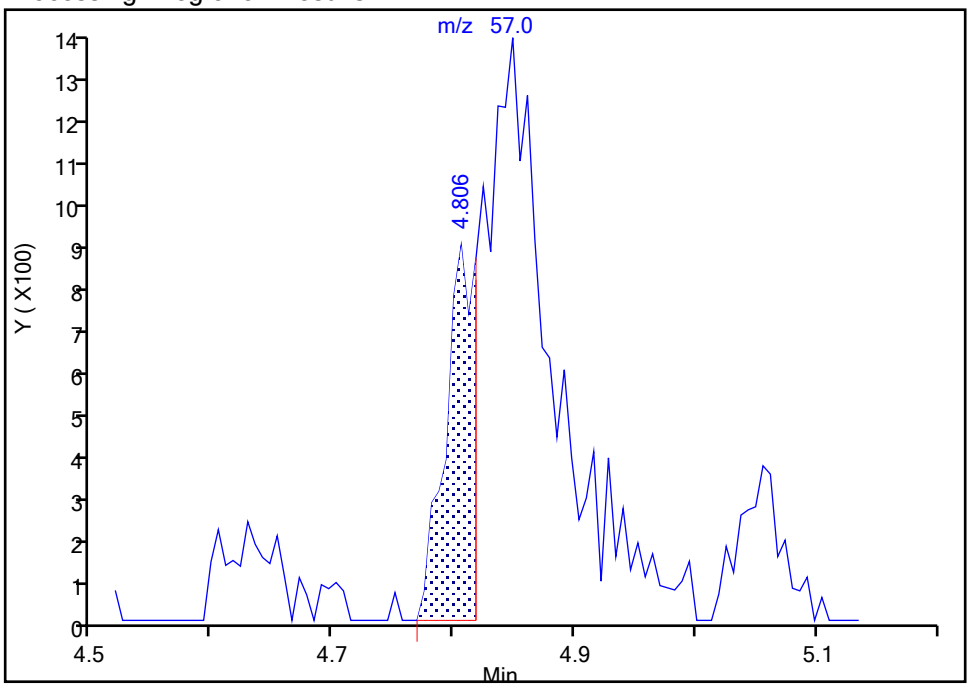
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85249.D
Injection Date: 05-Apr-2022 12:47:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 Epichlorohydrin, CAS: 106-89-8

Signal: 1

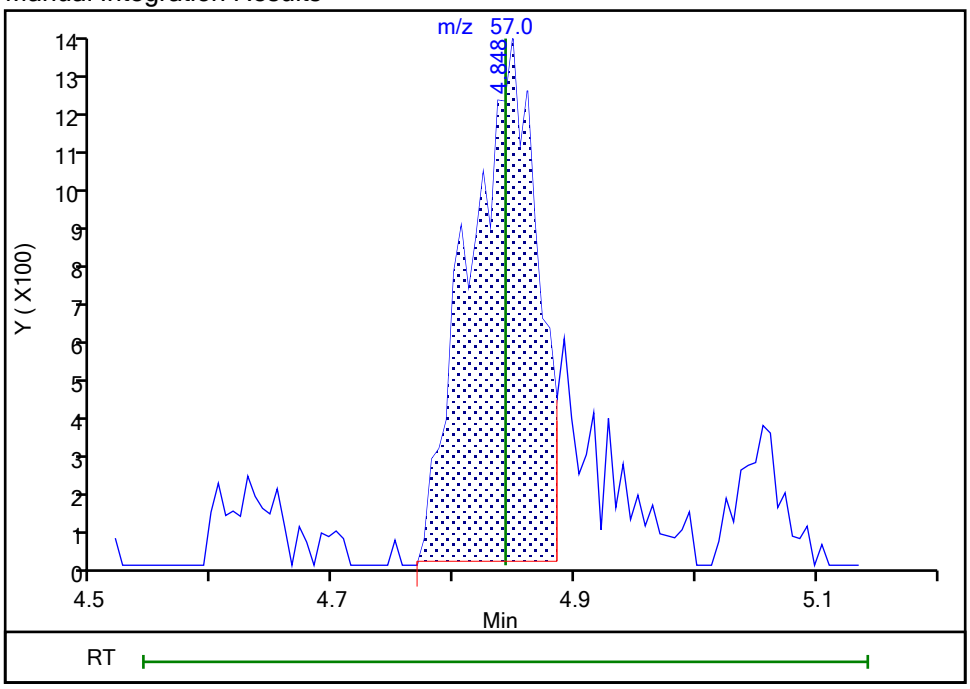
Processing Integration Results

RT: 4.81
Area: 1496
Amount: 7.071079
Amount Units: ug/l



Manual Integration Results

RT: 4.85
Area: 5157
Amount: 24.375370
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 19:07:07
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

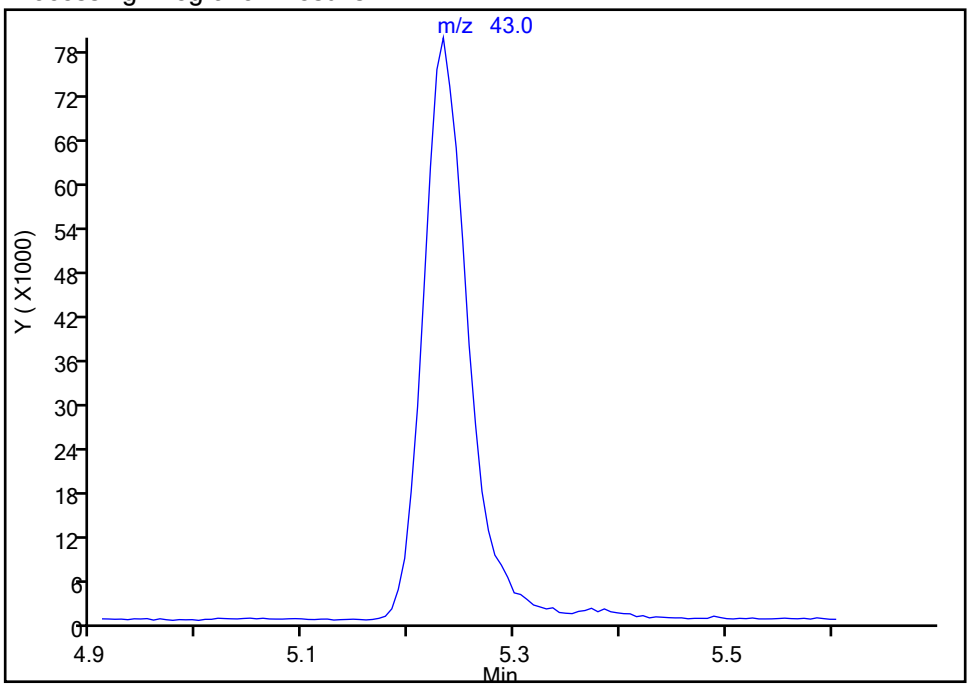
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85249.D
Injection Date: 05-Apr-2022 12:47:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

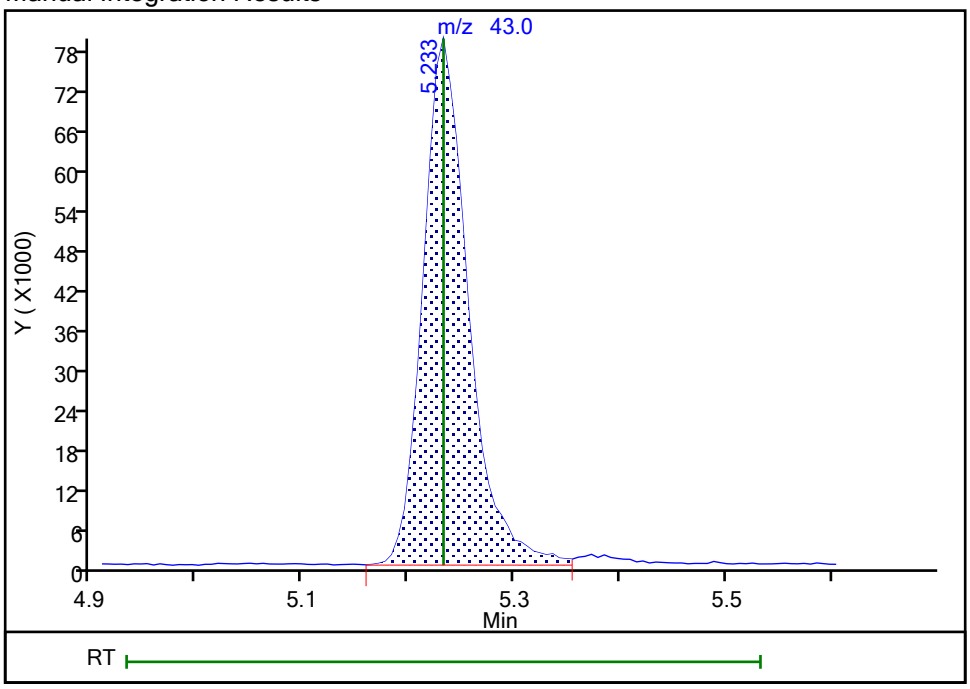
Not Detected
Expected RT: 5.23

Processing Integration Results



Manual Integration Results

RT: 5.23
Area: 235846
Amount: 94.773161
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 19:07:12
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

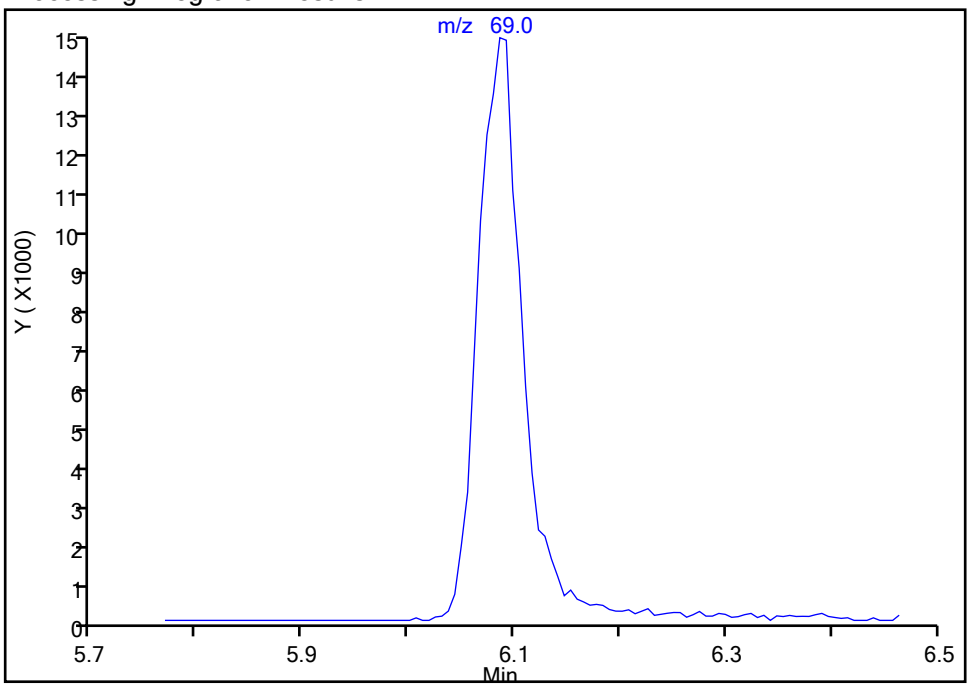
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85249.D
Injection Date: 05-Apr-2022 12:47:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

84 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

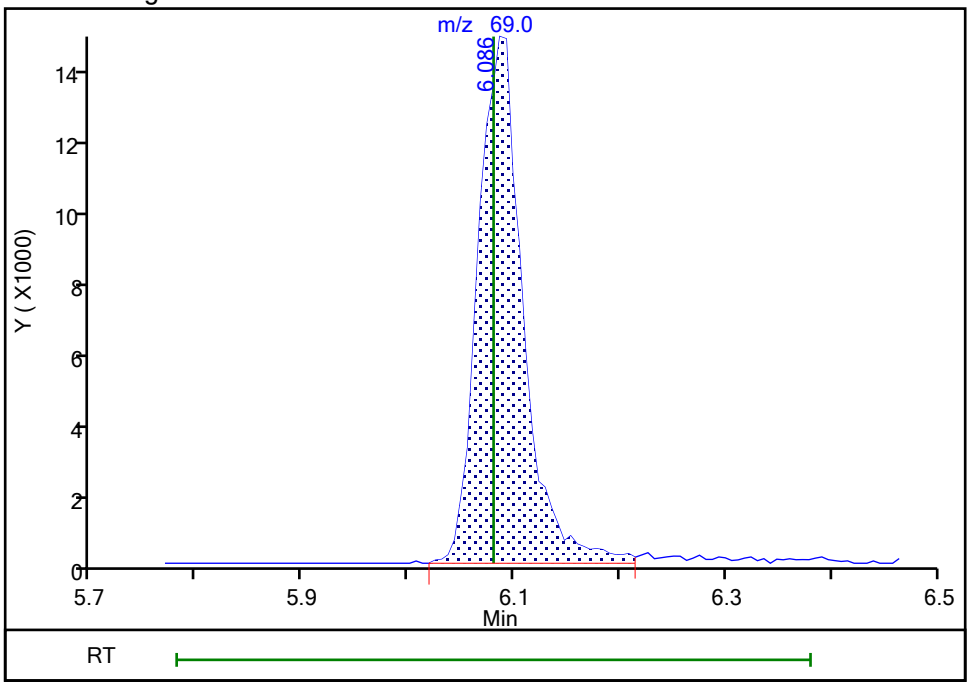
Not Detected
Expected RT: 6.08

Processing Integration Results



Manual Integration Results

RT: 6.09
Area: 44208
Amount: 19.099365
Amount Units: ug/l



Reviewer: delpolitov, 05-Apr-2022 19:07:18
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab Sample ID: CCVIS 460-838140/2 Calibration Date: 04/08/2022 15:58

Instrument ID: CVOAMS2 Calib Start Date: 04/05/2022 07:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/05/2022 12:25

Lab File ID: B85430.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Lin2		0.0194		14.4	20.0	-28.1*	20.0
1,1-Difluoroethane	Ave	0.7039	0.7622		21.7	20.0	8.3	20.0
Chlorodifluoromethane	Lin2		0.0685		21.6	20.0	8.1	20.0
Dichlorodifluoromethane	Ave	0.4530	0.4165	0.1000	18.4	20.0	-8.1	20.0
Chloromethane	Ave	0.6384	0.7224	0.1000	22.6	20.0	13.1	20.0
Butadiene	Ave	0.3982	0.4730		23.8	20.0	18.8	20.0
Vinyl chloride	Ave	0.4315	0.4923	0.1000	22.8	20.0	14.1	20.0
Bromomethane	Ave	0.2375	0.3021	0.1000	25.4	20.0	27.2	50.0
Chloroethane	Ave	0.2241	0.2855	0.1000	25.5	20.0	27.4	50.0
Dichlorofluoromethane	Ave	0.5564	0.7885		28.3	20.0	41.7*	20.0
Pentane	Ave	0.0463	0.0536		46.3	40.0	15.6	20.0
Trichlorofluoromethane	Ave	0.4164	0.5325	0.1000	25.6	20.0	27.9*	20.0
Ethanol	Ave	0.0343	0.0457		1060	800	33.0	50.0
Ethyl ether	Ave	0.1980	0.2461		24.9	20.0	24.3*	20.0
2-Methyl-1,3-butadiene	Ave	0.2512	0.3085		24.6	20.0	22.8*	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2323	0.2395		20.6	20.0	3.1	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3936	0.4356		22.1	20.0	10.7	20.0
Acrolein	Ave	0.6981	0.6803		296	304	-2.6	50.0
1,1-Dichloroethene	Ave	0.2221	0.2767	0.1000	24.9	20.0	24.6*	20.0
Acetone	Ave	0.6702	0.7905	0.0500	118	100	17.9	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2606	0.3229	0.1000	24.8	20.0	23.9*	20.0
Iodomethane	Ave	0.3992	0.4699		23.5	20.0	17.7	20.0
Carbon disulfide	Ave	0.9383	1.116	0.1000	23.8	20.0	19.0	50.0
Isopropyl alcohol	Ave	0.7333	0.5886		161	200	-19.7	50.0
3-Chloro-1-propene	Ave	0.4051	0.4357		21.5	20.0	7.5	20.0
Methyl acetate	Ave	0.1952	0.2435	0.1000	49.9	40.0	24.7*	20.0
Acetonitrile	Ave	0.5741	0.7010		244	200	22.1*	20.0
Methylene Chloride	Ave	0.2878	0.3211	0.1000	22.3	20.0	11.6	20.0
2-Methyl-2-propanol	Ave	0.9889	1.070		216	200	8.2	50.0
Acrylonitrile	Ave	2.617	3.068		234	200	17.2	20.0
trans-1,2-Dichloroethene	Ave	0.2575	0.2761	0.1000	21.4	20.0	7.2	20.0
Methyl tert-butyl ether	Ave	0.7177	0.7658	0.1000	21.3	20.0	6.7	20.0
Hexane	Ave	0.4281	0.4173		19.5	20.0	-2.5	20.0
1,1-Dichloroethane	Ave	0.5412	0.5562	0.2000	20.6	20.0	2.8	20.0
Vinyl acetate	Ave	0.2606	0.2428		37.3	40.0	-6.8	20.0
2-Chloro-1,3-butadiene	Ave	0.2373	0.2232		18.8	20.0	-5.9	20.0
Isopropyl ether	Ave	1.018	1.029		20.2	20.0	1.1	20.0
Tert-butyl ethyl ether	Ave	0.2898	0.2718		18.8	20.0	-6.2	20.0
cis-1,2-Dichloroethene	Ave	0.2634	0.2823	0.1000	21.4	20.0	7.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab Sample ID: CCVIS 460-838140/2 Calibration Date: 04/08/2022 15:58

Instrument ID: CVOAMS2 Calib Start Date: 04/05/2022 07:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/05/2022 12:25

Lab File ID: B85430.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.1414	0.1330		18.8	20.0	-5.9	20.0
2-Butanone (MEK)	Ave	0.2083	0.2122	0.0500	102	100	1.9	50.0
Propionitrile	Ave	0.2680	0.2598		194	200	-3.1	20.0
Ethyl acetate	Ave	0.1686	0.1679		39.8	40.0	-0.4	20.0
Methyl acrylate	Ave	0.2509	0.2579		20.6	20.0	2.8	20.0
Chlorobromomethane	Ave	0.1222	0.1336		21.9	20.0	9.3	20.0
Methacrylonitrile	Ave	0.0905	0.0899		199	200	-0.7	20.0
Tetrahydrofuran	Ave	0.2190	0.2149		39.3	40.0	-1.8	20.0
Chloroform	Ave	0.4498	0.4712	0.2000	21.0	20.0	4.8	20.0
1,1,1-Trichloroethane	Ave	0.3955	0.4094	0.1000	20.7	20.0	3.5	20.0
Cyclohexane	Ave	0.3957	0.3985	0.1000	20.1	20.0	0.7	50.0
1,1-Dichloropropene	Ave	0.3388	0.3351		19.8	20.0	-1.1	20.0
Carbon tetrachloride	Ave	0.3309	0.3338	0.1000	20.2	20.0	0.9	20.0
Benzene	Ave	1.535	1.524	0.5000	19.9	20.0	-0.7	20.0
1,2-Dichloroethane	Ave	0.3289	0.3404	0.1000	20.7	20.0	3.5	20.0
Isobutyl alcohol	QuaF		0.1834		400	500	-20.0	20.0
Tert-amyl methyl ether	Ave	0.7942	0.7679		19.3	20.0	-3.3	20.0
Isopropyl acetate	Ave	0.9483	0.9120		19.2	20.0	-3.8	20.0
n-Heptane	Ave	0.5187	0.4980		19.2	20.0	-4.0	20.0
Trichloroethene	Ave	0.2312	0.2185	0.2000	18.9	20.0	-5.5	20.0
n-Butanol	QuaF		0.0165		105	500	-79.0*	50.0
Ethyl acrylate	Ave	0.6728	0.6216		18.5	20.0	-7.6	20.0
Methylcyclohexane	Ave	0.4532	0.4259	0.1000	18.8	20.0	-6.0	50.0
1,2-Dichloropropane	Ave	0.2616	0.2624	0.1000	20.1	20.0	0.3	20.0
Dibromomethane	Ave	0.1315	0.1357		20.6	20.0	3.2	20.0
1,4-Dioxane	Lin2		1.123		442	400	10.4	50.0
Methyl methacrylate	Ave	0.0451	0.0429		38.0	40.0	-4.9	20.0
Dichlorobromomethane	Ave	0.2988	0.2957	0.2000	19.8	20.0	-1.1	20.0
n-Propyl acetate	Ave	0.2950	0.2663		18.1	20.0	-9.7	20.0
2-Nitropropane	QuaF		0.0457		35.2	40.0	-12.0	20.0
2-Chloroethyl vinyl ether	Qua2		0.0464		15.3	20.0	-23.9*	20.0
Epichlorohydrin	Ave	0.1490	0.1381		371	400	-7.3	20.0
cis-1,3-Dichloropropene	Ave	0.5247	0.5001	0.2000	19.1	20.0	-4.7	50.0
4-Methyl-2-pentanone (MIBK)	Ave	1.753	1.666	0.0500	95.1	100	-4.9	50.0
Toluene	Ave	1.490	1.368	0.4000	18.4	20.0	-8.2	20.0
trans-1,3-Dichloropropene	Ave	0.4351	0.3917	0.1000	18.0	20.0	-10.0	50.0
1,1,2-Trichloroethane	Ave	0.2308	0.2278	0.1000	19.7	20.0	-1.3	20.0
Ethyl methacrylate	Ave	0.2240	0.1832		16.4	20.0	-18.2	20.0
Tetrachloroethene	Ave	0.3222	0.2960	0.2000	18.4	20.0	-8.1	20.0
1,3-Dichloropropane	Ave	0.4812	0.4627		19.2	20.0	-3.8	20.0
2-Hexanone	Qua2		0.9911	0.0500	97.2	100	-2.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab Sample ID: CCVIS 460-838140/2 Calibration Date: 04/08/2022 15:58

Instrument ID: CVOAMS2 Calib Start Date: 04/05/2022 07:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/05/2022 12:25

Lab File ID: B85430.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorodibromomethane	Ave	0.2801	0.2710	0.1000	19.3	20.0	-3.3	50.0
Ethylene Dibromide	Ave	0.2497	0.2559	0.1000	20.5	20.0	2.5	20.0
n-Butyl acetate	Ave	0.4593	0.3746		16.3	20.0	-18.5	20.0
Chlorobenzene	Ave	0.8574	0.8268	0.5000	19.3	20.0	-3.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3123	0.2828		18.1	20.0	-9.4	20.0
Ethylbenzene	Ave	0.4646	0.4265	0.1000	18.4	20.0	-8.2	20.0
m-Xylene & p-Xylene	Ave	0.5390	0.5029	0.1000	18.7	20.0	-6.7	20.0
o-Xylene	Ave	0.5414	0.4495	0.3000	16.6	20.0	-17.0	20.0
Styrene	Qua2		0.7920	0.3000	18.2	20.0	-8.9	20.0
n-Butyl acrylate	QuaF		0.1430		13.5	20.0	-32.4*	20.0
Bromoform	Ave	0.1692	0.1615	0.1000	19.1	20.0	-4.6	20.0
Amyl acetate (mixed isomers)	QuaF		0.7522		15.4	20.0	-23.2*	20.0
Isopropylbenzene	Lin2		1.304	0.1000	16.3	20.0	-18.3	20.0
Bromobenzene	Ave	0.6228	0.6184		19.9	20.0	-0.7	20.0
1,2,3-Trichloropropane	Ave	0.1739	0.1756		20.2	20.0	1.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6642	0.6759	0.3000	20.4	20.0	1.8	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2008	0.1843		18.4	20.0	-8.2	20.0
N-Propylbenzene	Ave	0.7205	0.6586		18.3	20.0	-8.6	20.0
2-Chlorotoluene	Ave	0.6443	0.6076		18.9	20.0	-5.7	20.0
4-Ethyltoluene	Ave	2.601	2.320		17.8	20.0	-10.8	20.0
4-Chlorotoluene	Ave	2.283	2.114		18.5	20.0	-7.4	20.0
1,3,5-Trimethylbenzene	Ave	2.273	2.009		17.7	20.0	-11.6	20.0
Butyl Methacrylate	QuaF		0.4238		12.4	20.0	-38.0*	20.0
tert-Butylbenzene	Ave	1.785	1.544		17.3	20.0	-13.5	20.0
1,2,4-Trimethylbenzene	Ave	2.262	2.072		18.3	20.0	-8.4	20.0
sec-Butylbenzene	Ave	2.935	2.562		17.5	20.0	-12.7	20.0
1,3-Dichlorobenzene	Ave	1.256	1.172	0.6000	18.7	20.0	-6.7	20.0
1,4-Dichlorobenzene	Ave	1.290	1.193	0.5000	18.5	20.0	-7.5	20.0
4-Isopropyltoluene	Ave	2.482	2.183		17.6	20.0	-12.0	20.0
1,2,3-Trimethylbenzene	Ave	2.420	2.206		18.2	20.0	-8.9	20.0
Benzyl chloride	QuaF		0.1356		12.8	20.0	-36.2	50.0
Indan	Qua2		0.6802		18.3	20.0	-8.3	20.0
1,2-Dichlorobenzene	Ave	1.194	1.150	0.4000	19.3	20.0	-3.6	20.0
p-Diethylbenzene	Lin2		1.045		15.5	20.0	-22.6*	20.0
n-Butylbenzene	Lin2		1.180		15.9	20.0	-20.7*	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1167	0.1011	0.0500	17.3	20.0	-13.3	50.0
1,2,4,5-Tetramethylbenzene	Qua2		1.681		17.4	20.0	-13.0	20.0
1,3,5-Trichlorobenzene	Ave	0.9401	0.7779		16.5	20.0	-17.3	20.0
1,2,4-Trichlorobenzene	Ave	0.8182	0.7109	0.2000	17.4	20.0	-13.1	20.0
Hexachlorobutadiene	Ave	0.4459	0.3789		17.0	20.0	-15.0	20.0
Naphthalene	Ave	1.859	1.669		18.0	20.0	-10.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab Sample ID: CCVIS 460-838140/2 Calibration Date: 04/08/2022 15:58

Instrument ID: CVOAMS2 Calib Start Date: 04/05/2022 07:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/05/2022 12:25

Lab File ID: B85430.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Ave	0.8024	0.7227		18.0	20.0	-9.9	20.0
Dibromofluoromethane (Surr)	Ave	0.2462	0.2433		49.4	50.0	-1.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2918	0.2815		48.2	50.0	-3.5	20.0
Toluene-d8 (Surr)	Ave	1.449	1.353		46.7	50.0	-6.7	20.0
4-Bromofluorobenzene	Ave	0.7036	0.6784		48.2	50.0	-3.6	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85430.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 08-Apr-2022 15:58:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0143790-002
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:38:19 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: parekhv Date: 08-Apr-2022 16:19:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.581	0.581	0.000	46	3810	20.0	14.4	a
2 1,1-Difluoroethane	51	0.642	0.642	0.000	0	149963	20.0	21.7	
3 Dichlorodifluoromethane	85	0.648	0.648	0.000	0	81940	20.0	18.4	
4 Chlorodifluoromethane	67	0.648	0.648	0.000	0	13469	20.0	21.6	
5 Chloromethane	50	0.728	0.728	0.000	0	142122	20.0	22.6	
7 Vinyl chloride	62	0.764	0.764	0.000	0	96867	20.0	22.8	
6 Butadiene	54	0.764	0.764	0.000	0	93059	20.0	23.8	
8 Bromomethane	94	0.898	0.898	0.000	0	59437	20.0	25.4	
9 Chloroethane	64	0.917	0.917	0.000	0	56174	20.0	25.5	
10 Dichlorofluoromethane	67	1.014	1.014	0.000	0	155134	20.0	28.3	
12 Pentane	72	1.020	1.020	0.000	0	21090	40.0	46.3	
11 Trichlorofluoromethane	101	1.038	1.038	0.000	97	104762	20.0	25.6	M
14 Ethanol	46	1.105	1.105	0.000	70	12391	800.0	1063.8	M
13 Ethyl ether	59	1.118	1.118	0.000	0	48421	20.0	24.9	
15 2-Methyl-1,3-butadiene	53	1.130	1.130	0.000	0	60694	20.0	24.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.142	1.142	0.000	76	47117	20.0	20.6	a
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.173	1.173	0.000	59	85707	20.0	22.1	a
18 Acrolein	56	1.179	1.179	0.000	0	70201	304.2	296.4	
19 1,1-Dichloroethene	96	1.221	1.221	0.000	0	54434	20.0	24.9	
21 Acetone	43	1.258	1.258	0.000	0	100819	100.0	117.9	
20 112TCTFE	101	1.282	1.282	0.000	93	63526	20.0	24.8	a
22 Iodomethane	142	1.294	1.294	0.000	0	92459	20.0	23.5	
23 Carbon disulfide	76	1.325	1.325	0.000	0	219616	20.0	23.8	
24 Isopropyl alcohol	45	1.343	1.343	0.000	26	39933	200.0	160.5	a
25 3-Chloro-1-propene	39	1.410	1.410	0.000	0	85718	20.0	21.5	
26 Methyl acetate	43	1.429	1.429	0.000	0	95818	40.0	49.9	
27 Acetonitrile	39	1.453	1.453	0.000	26	47563	200.0	244.2	a
28 Methylene Chloride	84	1.477	1.477	0.000	0	63168	20.0	22.3	
* 29 TBA-d9 (IS)	65	1.544	1.544	0.000	0	339240	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.599	1.599	0.000	35	72576	200.0	216.3	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.618	1.618	0.000	0	208171	200.0	234.5	
32 trans-1,2-Dichloroethene	96	1.630	1.630	0.000	0	54314	20.0	21.4	
33 Methyl tert-butyl ether	73	1.654	1.654	0.000	0	150665	20.0	21.3	
34 Hexane	57	1.807	1.807	0.000	0	82095	20.0	19.5	
35 1,1-Dichloroethane	63	1.892	1.892	0.000	0	109436	20.0	20.6	
36 Vinyl acetate	86	1.941	1.941	0.000	0	12389	40.0	37.3	
37 2-Chloro-1,3-butadiene	88	1.947	1.947	0.000	0	43921	20.0	18.8	
38 Isopropyl ether	45	1.971	1.971	0.000	0	202466	20.0	20.2	
39 Tert-butyl ethyl ether	87	2.233	2.233	0.000	0	53484	20.0	18.8	
* 40 2-Butanone-d5	46	2.282	2.282	0.000	0	318846	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.300	2.300	0.000	0	55532	20.0	21.4	
42 2,2-Dichloropropane	79	2.306	2.306	0.000	68	26167	20.0	18.8	a
43 2-Butanone (MEK)	72	2.325	2.325	0.000	0	27065	100.0	101.9	
44 Propionitrile	54	2.374	2.374	0.000	0	66260	200.0	193.9	
45 Ethyl acetate	70	2.404	2.404	0.000	0	8564	40.0	39.8	
62 Methyl acrylate	55	2.410	2.410	0.000	0	50750	20.0	20.6	
47 Methacrylonitrile	67	2.483	2.483	0.000	0	176929	200.0	198.6	
46 Chlorobromomethane	128	2.483	2.483	0.000	0	26278	20.0	21.9	
48 Tetrahydrofuran	72	2.532	2.532	0.000	0	10965	40.0	39.3	
49 Chloroform	83	2.569	2.569	0.000	0	92705	20.0	21.0	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.697	0.000	0	119684	50.0	49.4	
51 1,1,1-Trichloroethane	97	2.709	2.709	0.000	0	80546	20.0	20.7	
52 Cyclohexane	84	2.752	2.752	0.000	0	78397	20.0	20.1	
54 1,1-Dichloropropene	75	2.843	2.843	0.000	0	65930	20.0	19.8	
53 Carbon tetrachloride	117	2.849	2.849	0.000	0	65667	20.0	20.2	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	138463	50.0	48.2	
56 Benzene	78	3.026	3.026	0.000	0	192765	20.0	19.9	
57 1,2-Dichloroethane	62	3.050	3.050	0.000	0	66979	20.0	20.7	
59 Tert-amyl methyl ether	73	3.197	3.197	0.000	0	151079	20.0	19.3	
73 Isopropyl acetate	43	3.203	3.203	0.000	0	179436	20.0	19.2	
58 Isobutyl alcohol	42	3.123	3.123	0.000	34	31111	500.0	399.9	a
* 60 Fluorobenzene	96	3.318	3.318	0.000	0	491862	50.0	50.0	
61 n-Heptane	43	3.373	3.373	0.000	0	97974	20.0	19.2	
63 Trichloroethene	95	3.709	3.709	0.000	0	42979	20.0	18.9	
65 Methylcyclohexane	83	3.922	3.922	0.000	0	83802	20.0	18.8	
66 Ethyl acrylate	55	3.922	3.922	0.000	0	122299	20.0	18.5	
64 n-Butanol	43	3.861	3.861	0.000	85	2806	500.0	105.2	M
67 1,2-Dichloropropane	63	3.952	3.952	0.000	0	51620	20.0	20.1	
68 Dibromomethane	93	4.081	4.081	0.000	0	26690	20.0	20.6	
* 69 1,4-Dioxane-d8	96	4.135	4.135	0.000	0	19877	1000.0	1000.0	
70 1,4-Dioxane	88	4.178	4.178	0.000	0	8927	400.0	441.6	
71 Methyl methacrylate	100	4.215	4.215	0.000	0	16883	40.0	38.0	
72 Dichlorobromomethane	83	4.324	4.324	0.000	0	58169	20.0	19.8	
81 n-Propyl acetate	43	4.337	4.337	0.000	0	52389	20.0	18.1	
74 2-Nitropropane	41	4.635	4.635	0.000	0	17984	40.0	35.2	
75 2-Chloroethyl vinyl ether	63	4.818	4.818	0.000	91	9158	20.0	15.3	a
76 Epichlorohydrin	57	4.836	4.836	0.000	0	70456	400.0	370.7	
77 cis-1,3-Dichloropropene	75	4.934	4.934	0.000	0	63244	20.0	19.1	
78 4-Methyl-2-pentanone (MIBK)	43	5.227	5.227	0.000	97	212499	100.0	95.1	a
$ 79 Toluene-d8 (Surr)	98	5.288	5.288	0.000	0	427731	50.0	46.7	
80 Toluene	91	5.379	5.379	0.000	0	173000	20.0	18.4	
82 trans-1,3-Dichloropropene	75	5.800	5.800	0.000	0	49529	20.0	18.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.056	6.056	0.000	0	28806	20.0	19.7	
84 Ethyl methacrylate	69	6.086	6.086	0.000	74	36039	20.0	16.4	a
85 Tetrachloroethene	166	6.208	6.208	0.000	0	37426	20.0	18.4	
86 1,3-Dichloropropane	76	6.294	6.294	0.000	0	58519	20.0	19.2	
87 2-Hexanone	43	6.592	6.592	0.000	0	126398	100.0	97.2	
88 Chlorodibromomethane	129	6.653	6.653	0.000	0	34265	20.0	19.3	
89 Ethylene Dibromide	107	6.763	6.763	0.000	0	32366	20.0	20.5	
90 n-Butyl acetate	43	6.921	6.928	-0.007	0	47367	20.0	16.3	
* 91 Chlorobenzene-d5	117	7.647	7.647	0.000	0	316151	50.0	50.0	
92 Chlorobenzene	112	7.696	7.696	0.000	0	104556	20.0	19.3	
93 1,1,1,2-Tetrachloroethane	131	7.909	7.909	0.000	0	35769	20.0	18.1	
94 Ethylbenzene	106	7.994	7.994	0.000	0	53939	20.0	18.4	
95 m-Xylene & p-Xylene	106	8.238	8.238	0.000	0	63603	20.0	18.7	
96 o-Xylene	106	8.976	8.976	0.000	0	56838	20.0	16.6	
97 Styrene	104	9.019	9.019	0.000	0	100153	20.0	18.2	
98 n-Butyl acrylate	73	9.220	9.220	0.000	0	18082	20.0	13.5	
99 Bromoform	173	9.262	9.262	0.000	0	20418	20.0	19.1	
101 Amyl acetate (mixed isomers)	43	9.701	9.701	0.000	0	49426	20.0	15.4	
102 Isopropylbenzene	105	9.726	9.726	0.000	0	164953	20.0	16.3	
$ 103 4-Bromofluorobenzene	174	9.927	9.927	0.000	0	111444	50.0	48.2	
104 Bromobenzene	156	10.104	10.104	0.000	0	40636	20.0	19.9	
105 1,2,3-Trichloropropane	110	10.323	10.323	0.000	0	11537	20.0	20.2	
106 1,1,2,2-Tetrachloroethane	83	10.348	10.348	0.000	0	44410	20.0	20.4	
107 trans-1,4-Dichloro-2-butene	53	10.457	10.457	0.000	0	12108	20.0	18.4	
108 N-Propylbenzene	120	10.476	10.476	0.000	0	43278	20.0	18.3	
109 2-Chlorotoluene	126	10.512	10.512	0.000	0	39923	20.0	18.9	
110 4-Ethyltoluene	105	10.701	10.701	0.000	0	152441	20.0	17.8	
111 4-Chlorotoluene	91	10.726	10.726	0.000	0	138884	20.0	18.5	
112 1,3,5-Trimethylbenzene	105	10.829	10.829	0.000	0	131988	20.0	17.7	
100 Butyl Methacrylate	87	11.213	11.213	0.000	0	27846	20.0	12.4	
113 tert-Butylbenzene	119	11.366	11.366	0.000	0	101483	20.0	17.3	
114 1,2,4-Trimethylbenzene	105	11.445	11.445	0.000	0	136167	20.0	18.3	
115 sec-Butylbenzene	105	11.750	11.750	0.000	0	168321	20.0	17.5	
116 1,3-Dichlorobenzene	146	11.817	11.817	0.000	0	77012	20.0	18.7	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	0	164268	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.000	12.000	0.000	0	78409	20.0	18.5	
119 4-Isopropyltoluene	119	12.085	12.085	0.000	0	143456	20.0	17.6	
120 1,2,3-Trimethylbenzene	105	12.183	12.183	0.000	0	144947	20.0	18.2	
121 Benzyl chloride	126	12.335	12.335	0.000	0	8912	20.0	12.8	
122 2,3-Dihydroindene	117	12.512	12.512	0.000	0	133824	20.0	18.3	
123 1,2-Dichlorobenzene	146	12.695	12.695	0.000	0	75590	20.0	19.3	
124 p-Diethylbenzene	119	12.829	12.829	0.000	0	68669	20.0	15.5	
125 n-Butylbenzene	92	12.853	12.853	0.000	0	77545	20.0	15.9	
126 1,2-Dibromo-3-Chloropropane	157	13.603	13.603	0.000	0	6645	20.0	17.3	
127 1,2,4,5-Tetramethylbenzene	119	13.640	13.640	0.000	0	110469	20.0	17.4	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	0	51112	20.0	16.5	
129 1,2,4-Trichlorobenzene	180	14.231	14.231	0.000	0	46708	20.0	17.4	
130 Hexachlorobutadiene	225	14.377	14.377	0.000	0	24899	20.0	17.0	
131 Naphthalene	128	14.377	14.377	0.000	0	109682	20.0	18.0	
132 1,2,3-Trichlorobenzene	180	14.536	14.536	0.000	0	47485	20.0	18.0	
S 133 1,2-Dichloroethene, Total	100				0		40.0	42.9	
S 134 1,3-Dichloropropene, Total	100				0		40.0	37.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	35.3	
S 136 Total BTEX	1				0		100.0	91.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00138	Amount Added:	3.00	Units: uL	
8260MIX1COMB_00152	Amount Added:	2.00	Units: uL	
524freon_00050	Amount Added:	2.00	Units: uL	
GASES Li_00470	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 11-Apr-2022 10:38:20 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85430.D

Injection Date: 08-Apr-2022 15:58:30 Instrument ID: CVOAMS2 Operator ID:

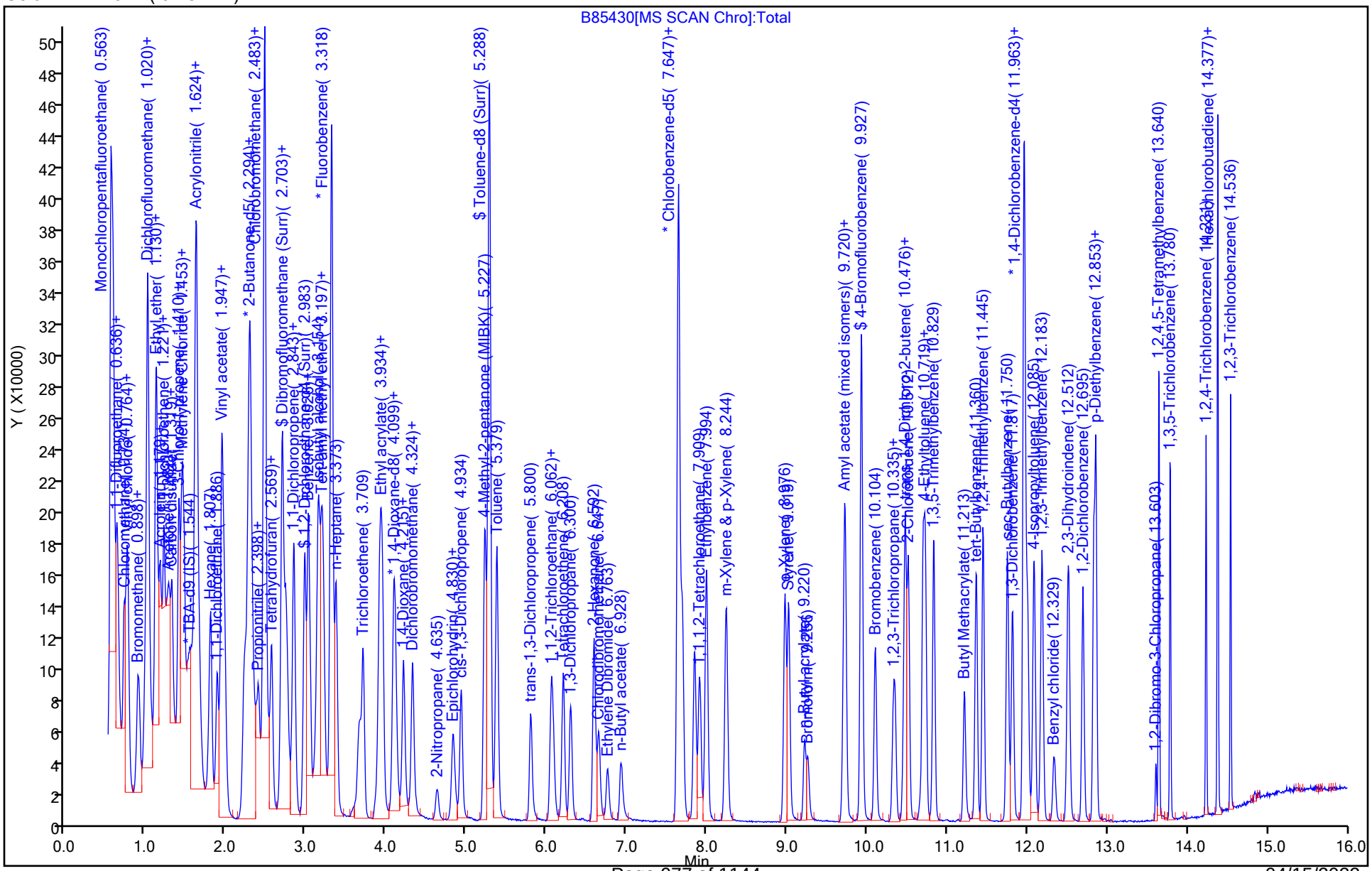
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

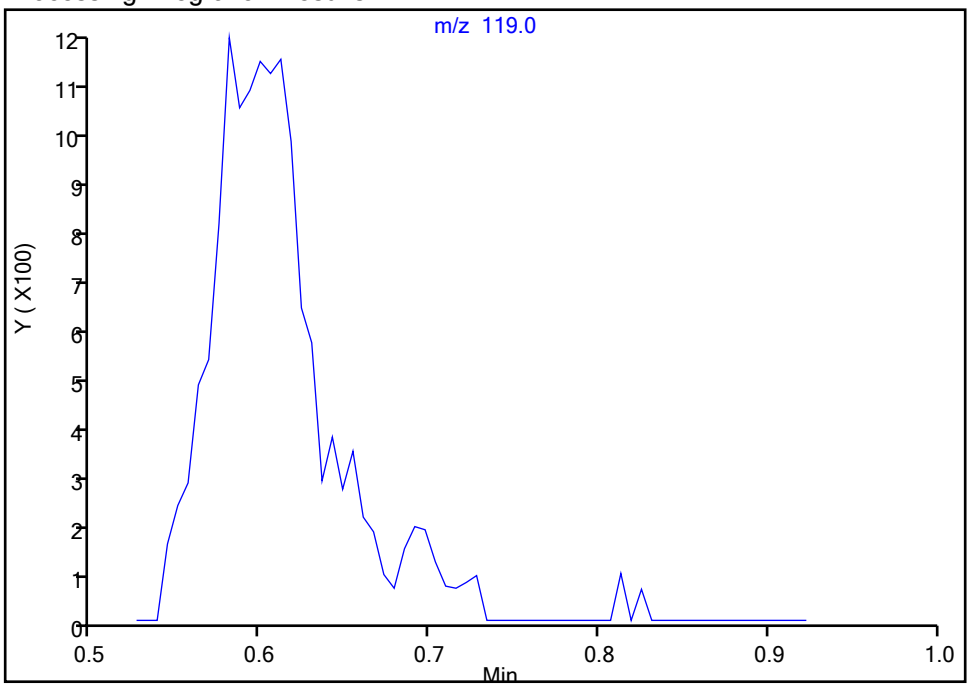
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85430.D
Injection Date: 08-Apr-2022 15:58:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

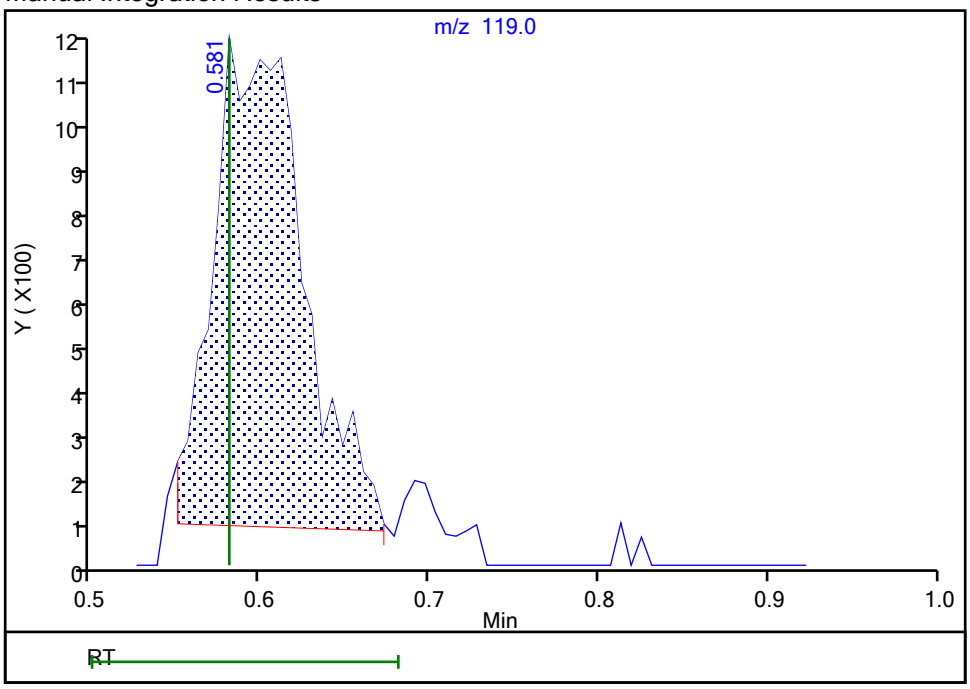
Not Detected
Expected RT: 0.58

Processing Integration Results



Manual Integration Results

RT: 0.58
Area: 3810
Amount: 14.377469
Amount Units: ug/l



Reviewer: parekhv, 08-Apr-2022 16:18:05
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

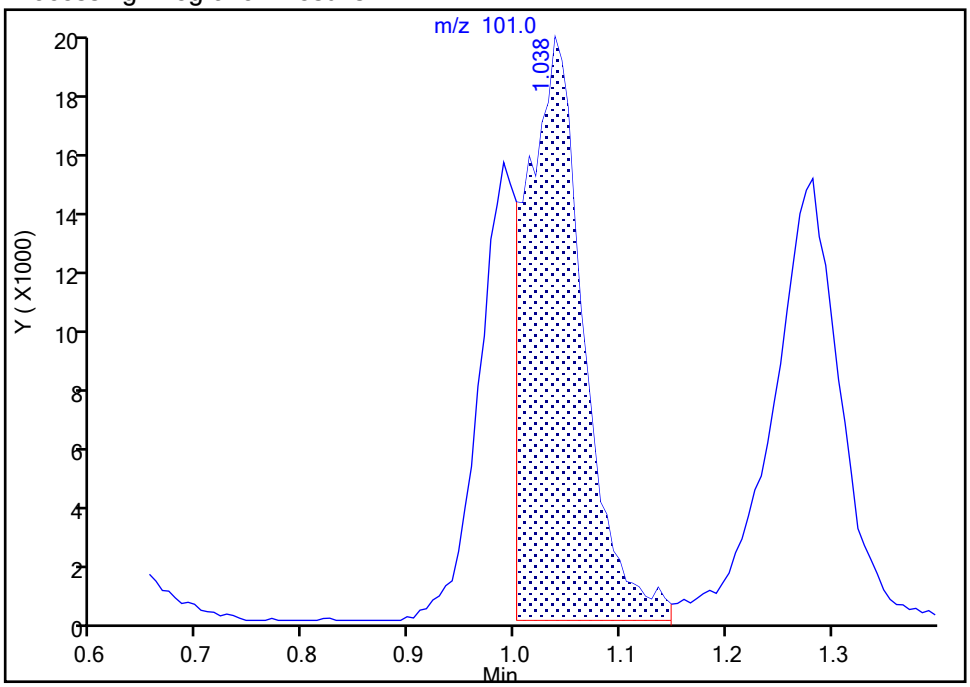
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85430.D
Injection Date: 08-Apr-2022 15:58:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

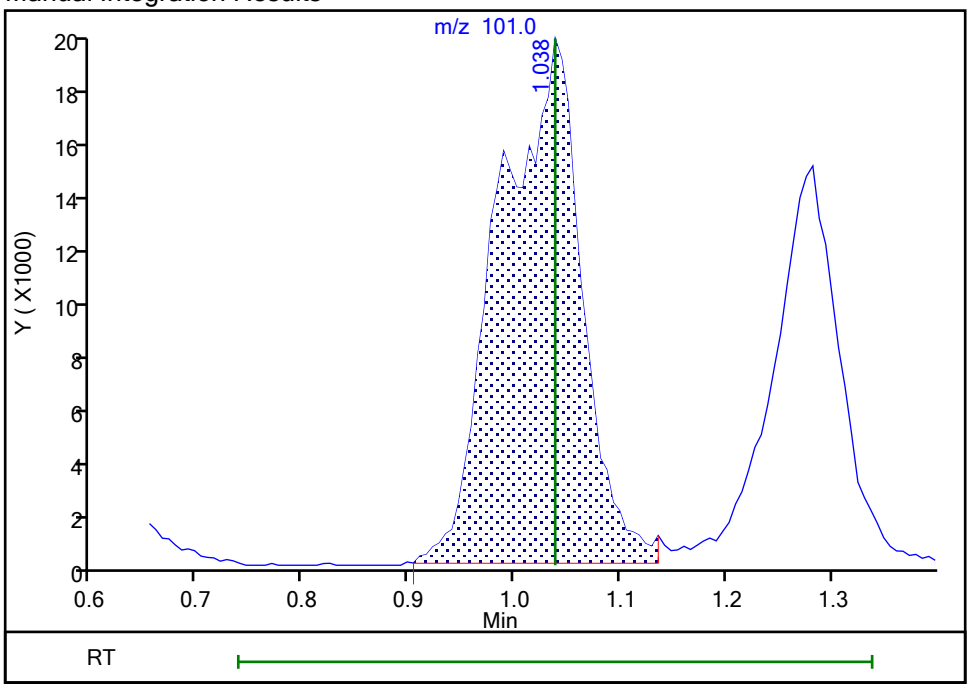
Processing Integration Results

RT: 1.04
Area: 73872
Amount: 18.035865
Amount Units: ug/l



Manual Integration Results

RT: 1.04
Area: 104762
Amount: 25.577666
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:37:30
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

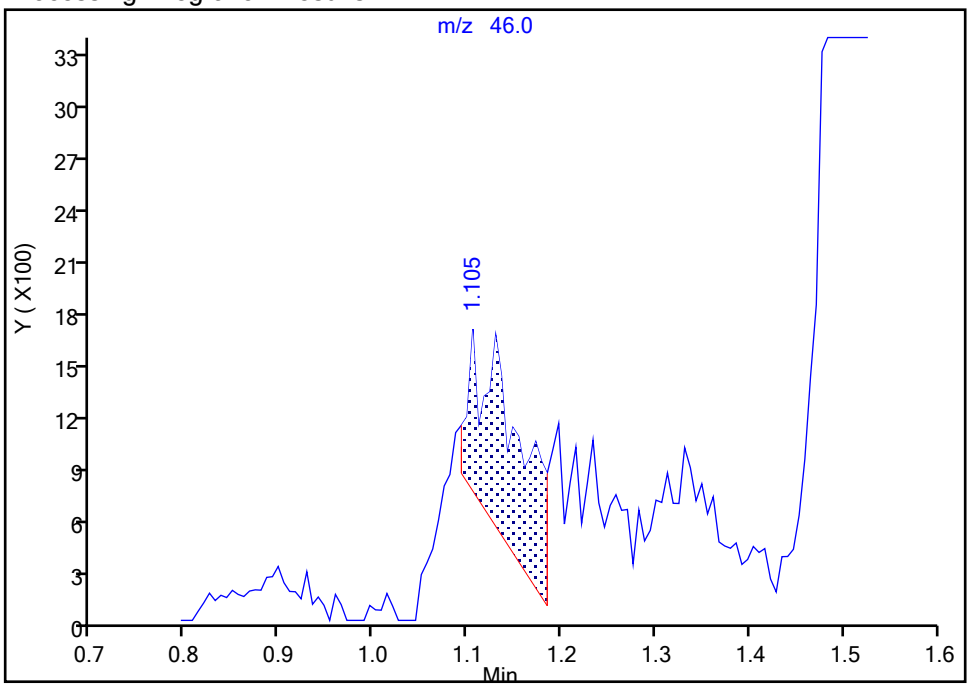
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85430.D
Injection Date: 08-Apr-2022 15:58:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

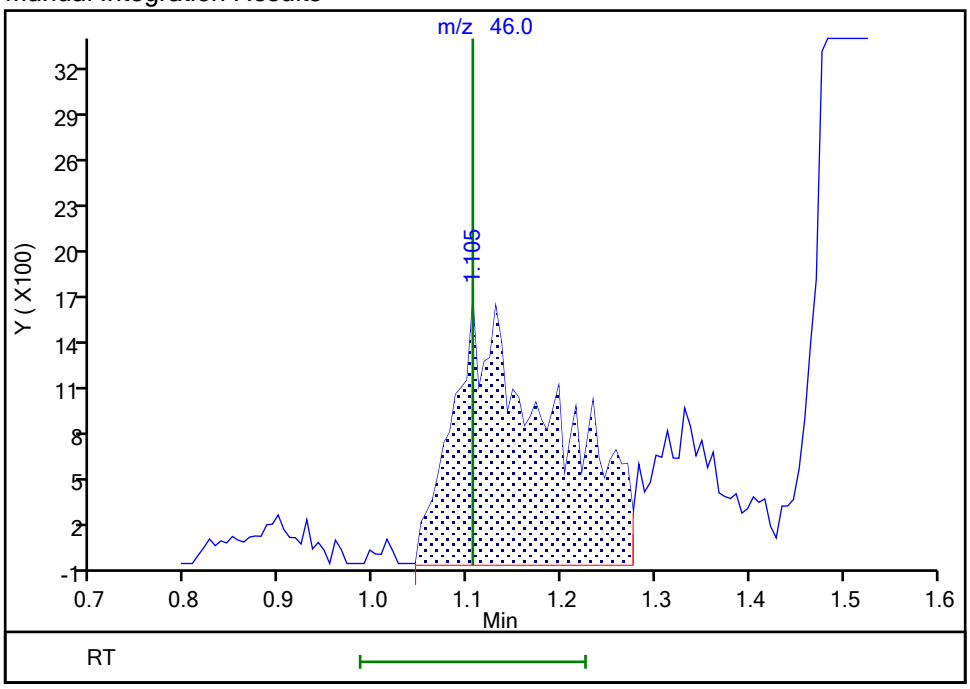
Processing Integration Results

RT: 1.11
Area: 3991
Amount: 342.6362
Amount Units: ug/l



Manual Integration Results

RT: 1.11
Area: 12391
Amount: 1063.7948
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:37:39
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

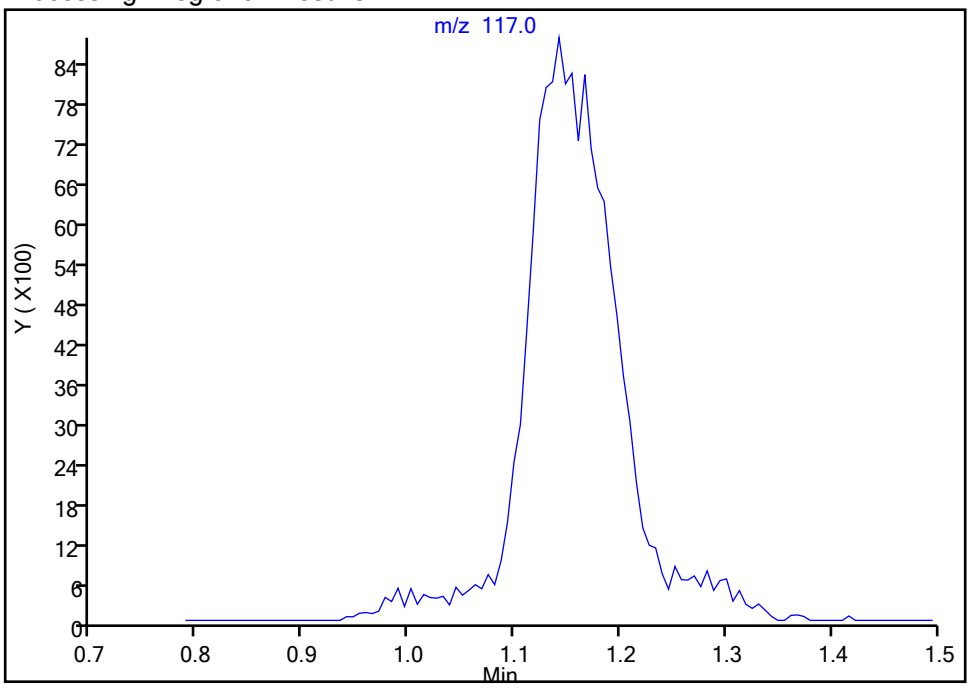
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85430.D
Injection Date: 08-Apr-2022 15:58:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

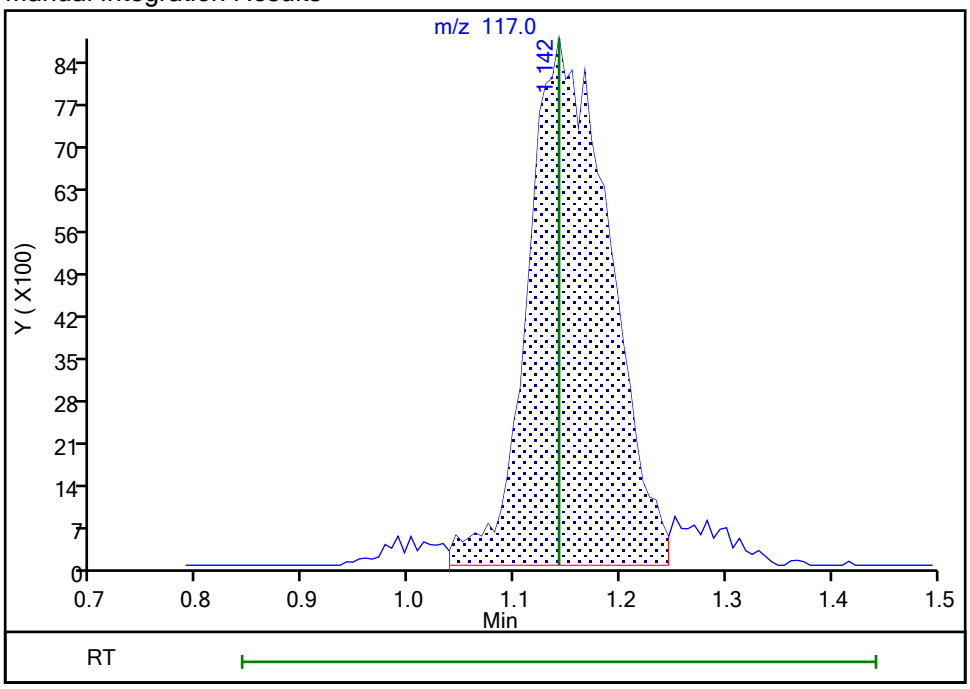
Not Detected
Expected RT: 1.14

Processing Integration Results



Manual Integration Results

RT: 1.14
Area: 47117
Amount: 20.617956
Amount Units: ug/l



Reviewer: parekhv, 08-Apr-2022 16:18:12
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

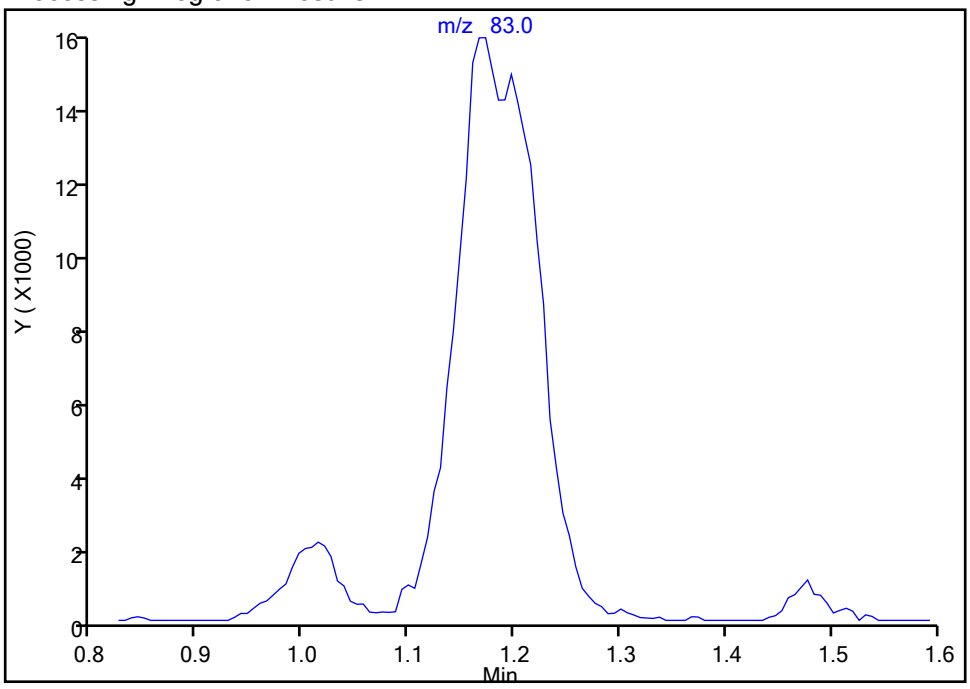
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85430.D
Injection Date: 08-Apr-2022 15:58:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

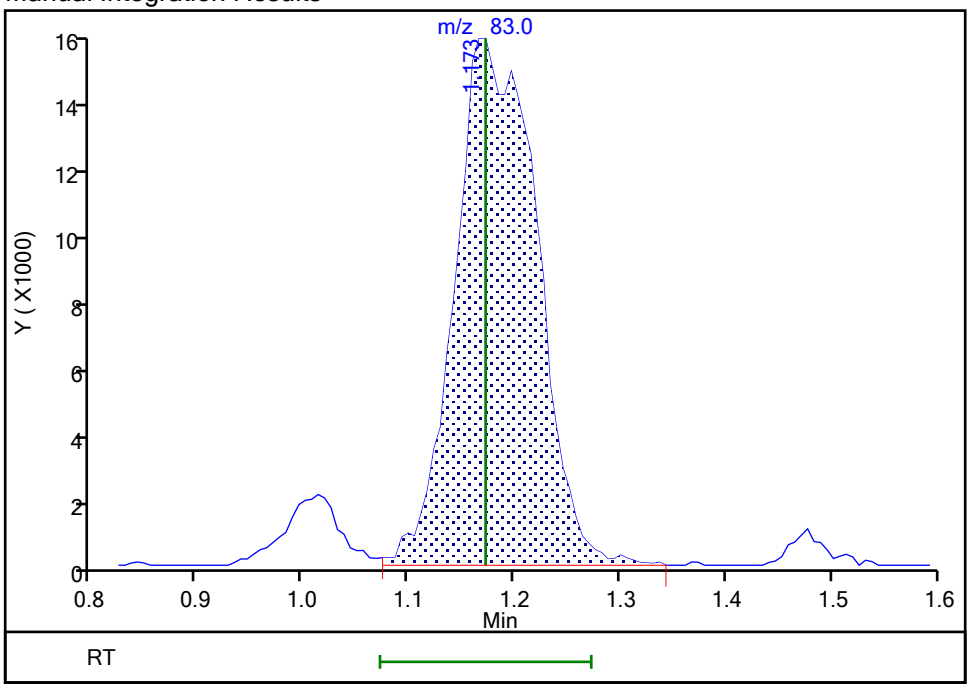
Not Detected
Expected RT: 1.17

Processing Integration Results



Manual Integration Results

RT: 1.17
Area: 85707
Amount: 22.137811
Amount Units: ug/l



Reviewer: parekhv, 08-Apr-2022 16:18:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

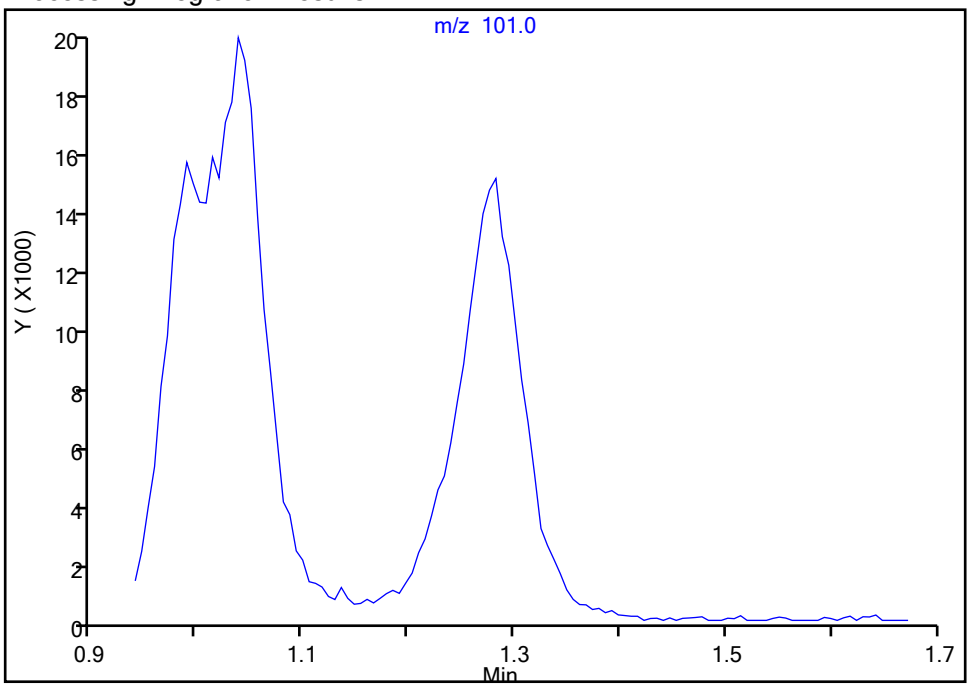
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85430.D
Injection Date: 08-Apr-2022 15:58:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

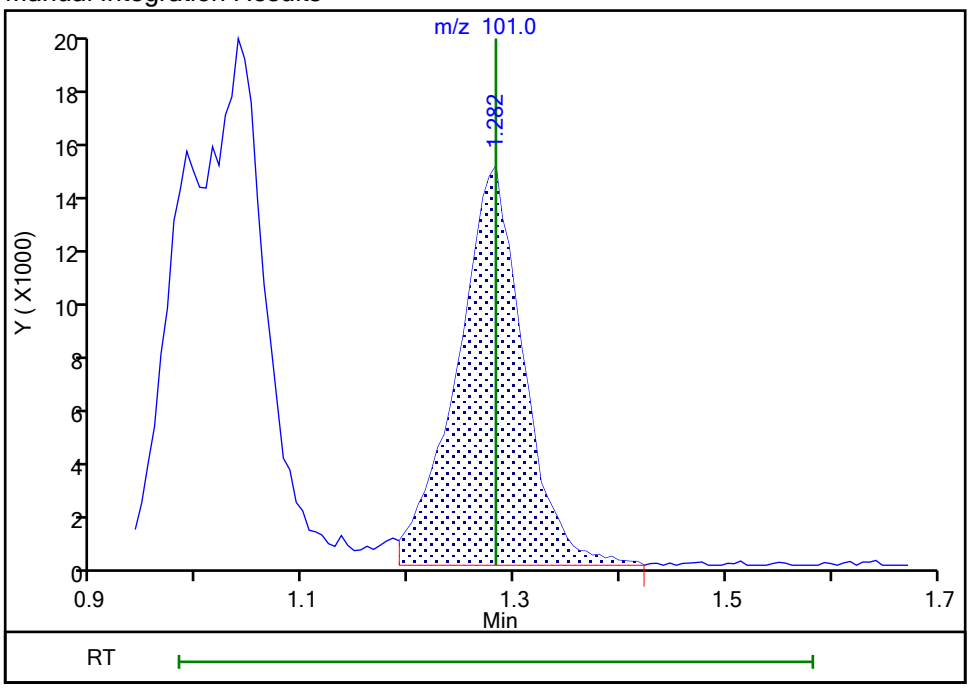
Not Detected
Expected RT: 1.28

Processing Integration Results



Manual Integration Results

RT: 1.28
Area: 63526
Amount: 24.782588
Amount Units: ug/l



Reviewer: parekhv, 08-Apr-2022 16:18:19
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

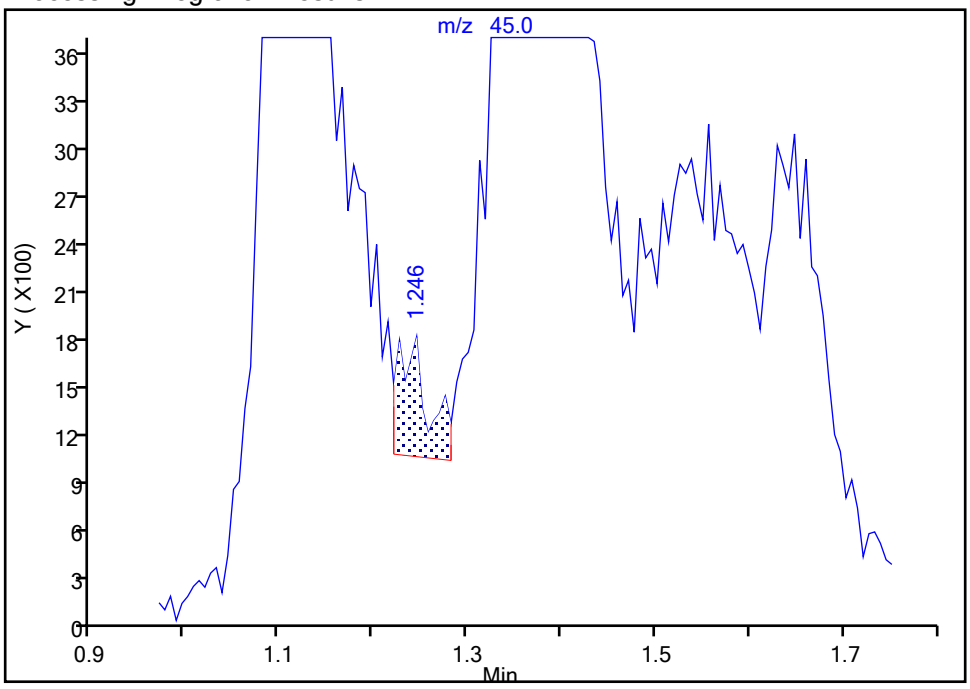
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85430.D
Injection Date: 08-Apr-2022 15:58:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

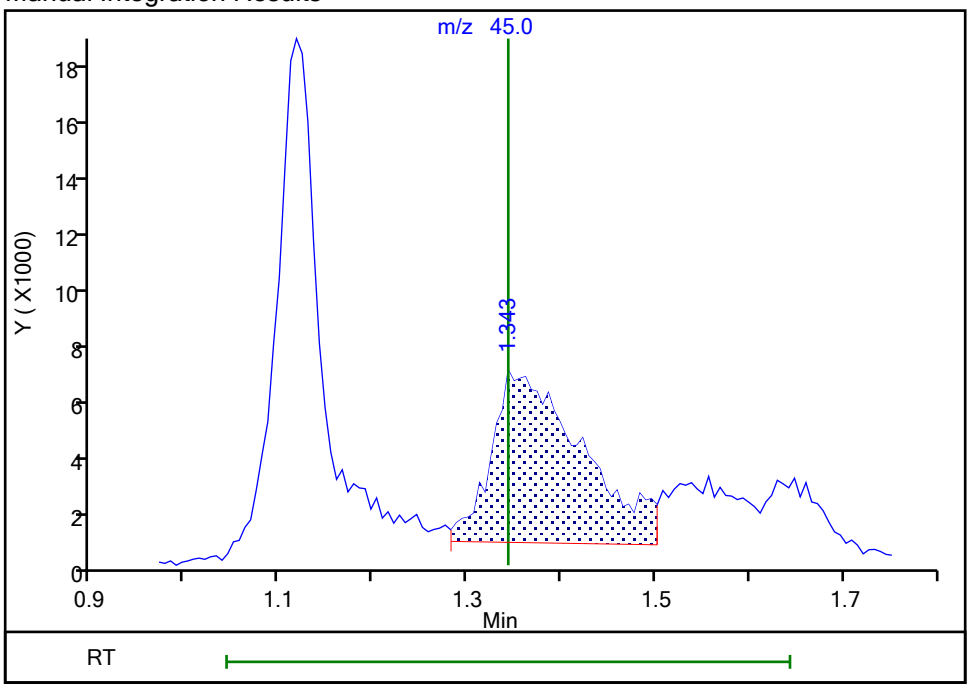
Processing Integration Results

RT: 1.25
Area: 1651
Amount: 6.637117
Amount Units: ug/l



Manual Integration Results

RT: 1.34
Area: 39933
Amount: 160.5330
Amount Units: ug/l



Reviewer: parekhv, 08-Apr-2022 16:18:24
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

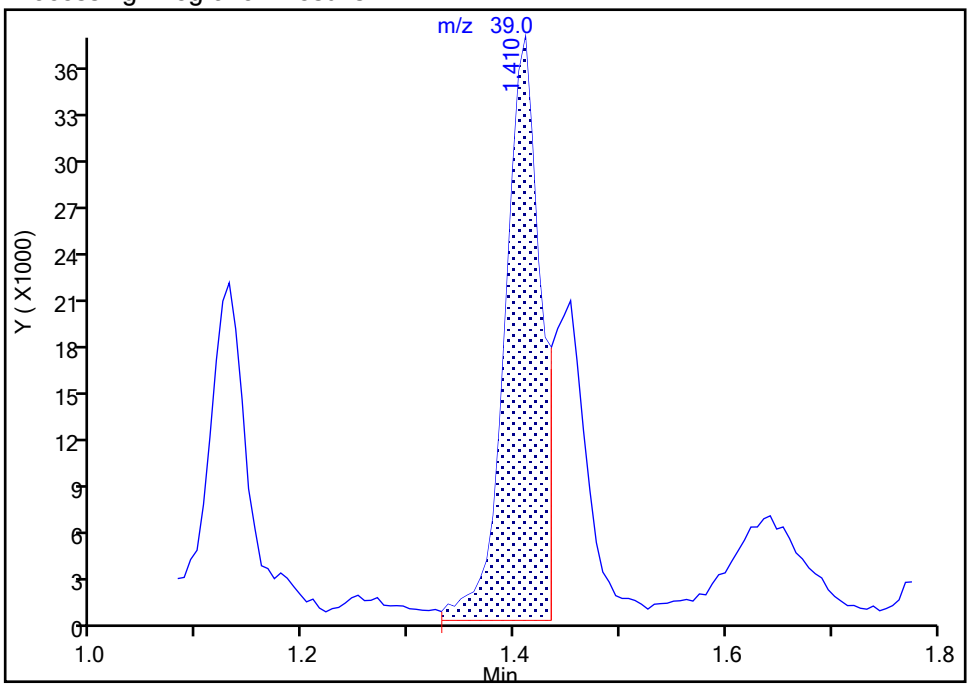
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85430.D
Injection Date: 08-Apr-2022 15:58:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

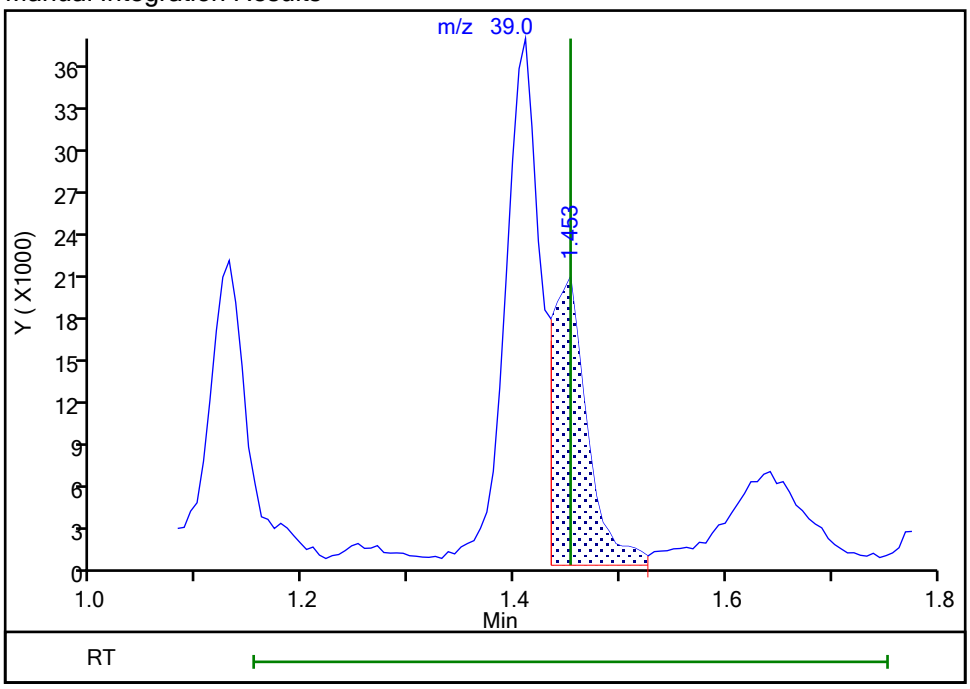
Processing Integration Results

RT: 1.41
Area: 89379
Amount: 458.9416
Amount Units: ug/l



Manual Integration Results

RT: 1.45
Area: 47563
Amount: 244.2256
Amount Units: ug/l



Reviewer: parekhv, 08-Apr-2022 16:18:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

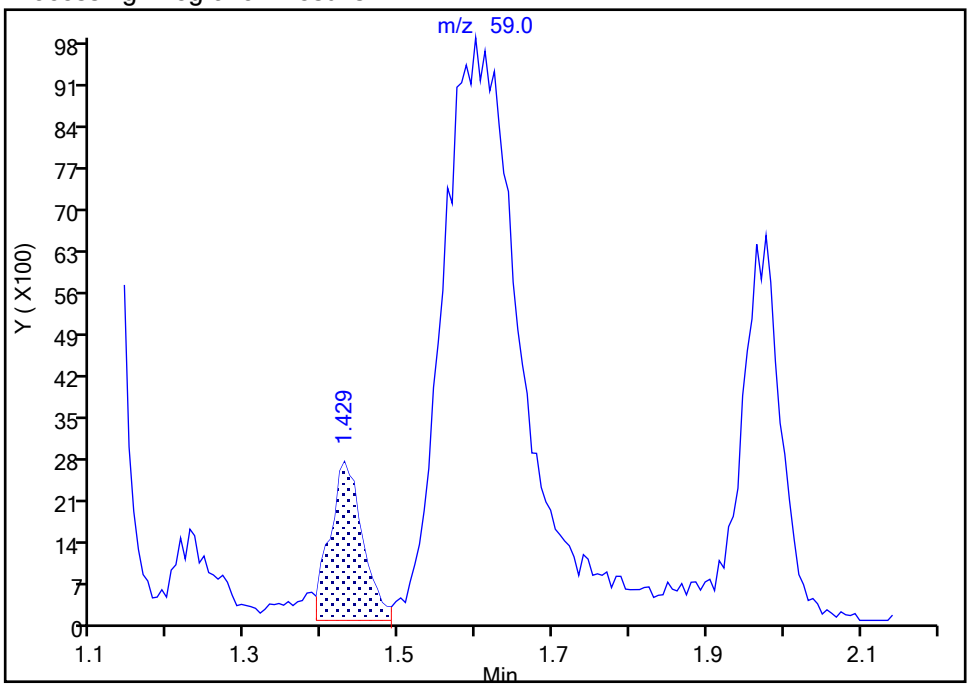
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85430.D
Injection Date: 08-Apr-2022 15:58:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

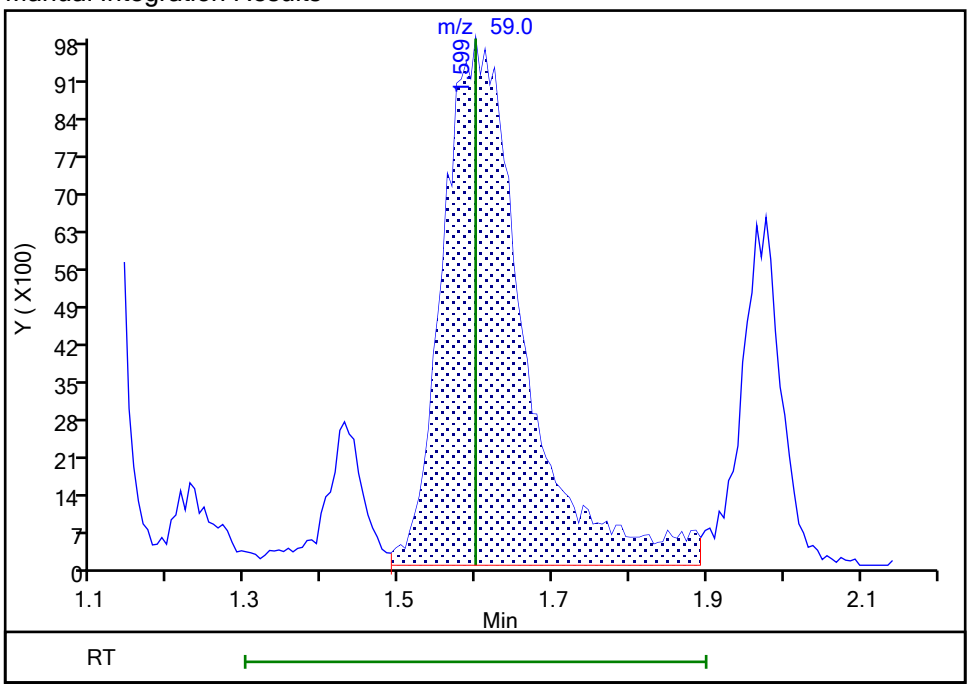
Processing Integration Results

RT: 1.43
Area: 7975
Amount: 23.771900
Amount Units: ug/l



Manual Integration Results

RT: 1.60
Area: 72576
Amount: 216.3347
Amount Units: ug/l



Reviewer: parekhv, 08-Apr-2022 16:18:38
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

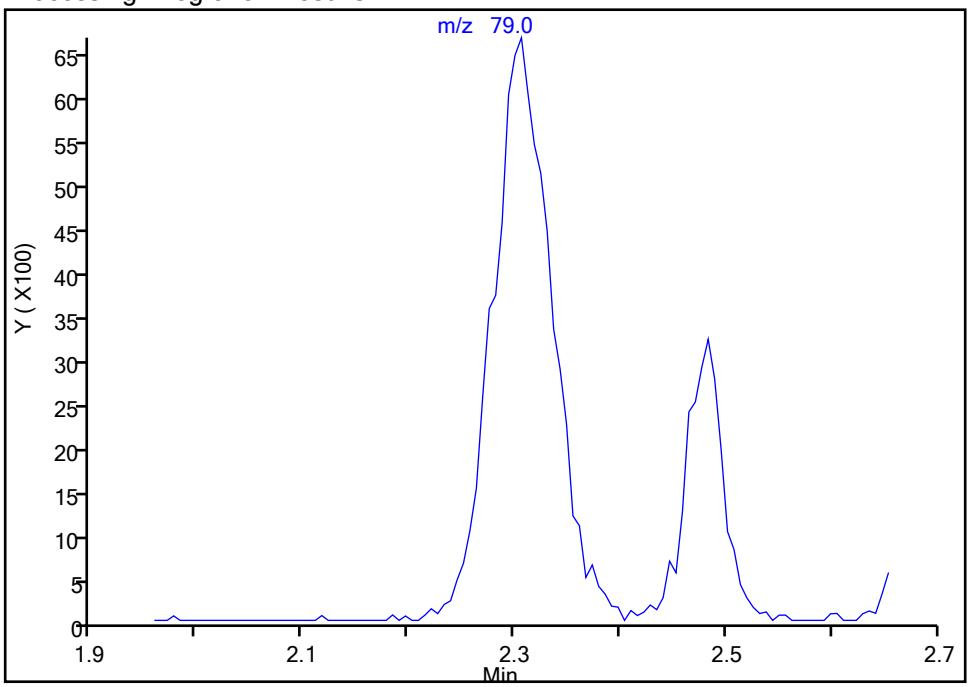
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85430.D
Injection Date: 08-Apr-2022 15:58:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

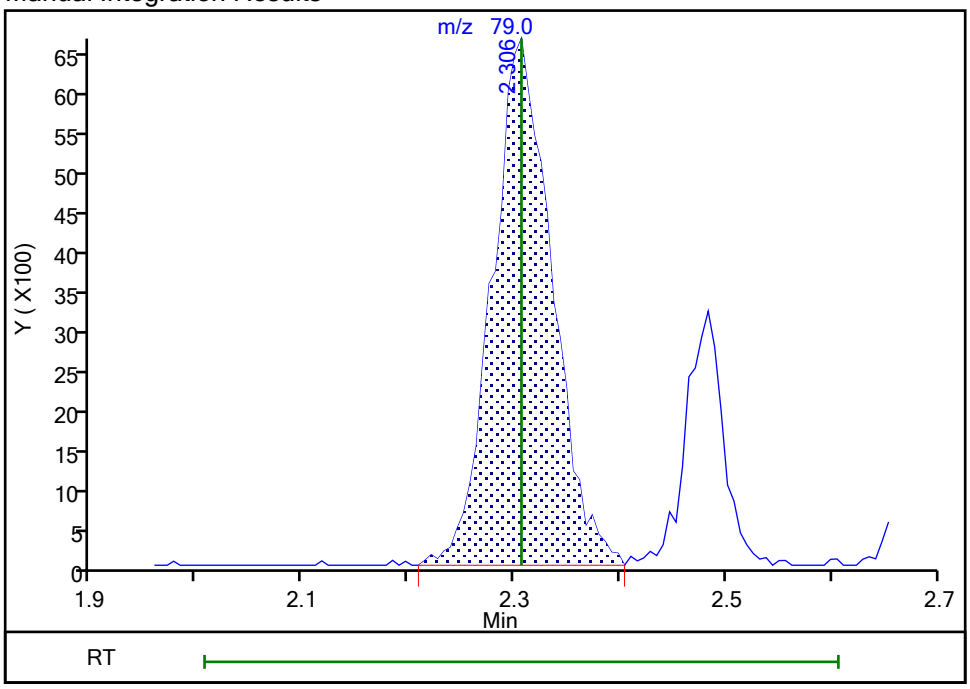
Not Detected
Expected RT: 2.31

Processing Integration Results



Manual Integration Results

RT: 2.31
Area: 26167
Amount: 18.818098
Amount Units: ug/l



Reviewer: parekhv, 08-Apr-2022 16:18:46
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

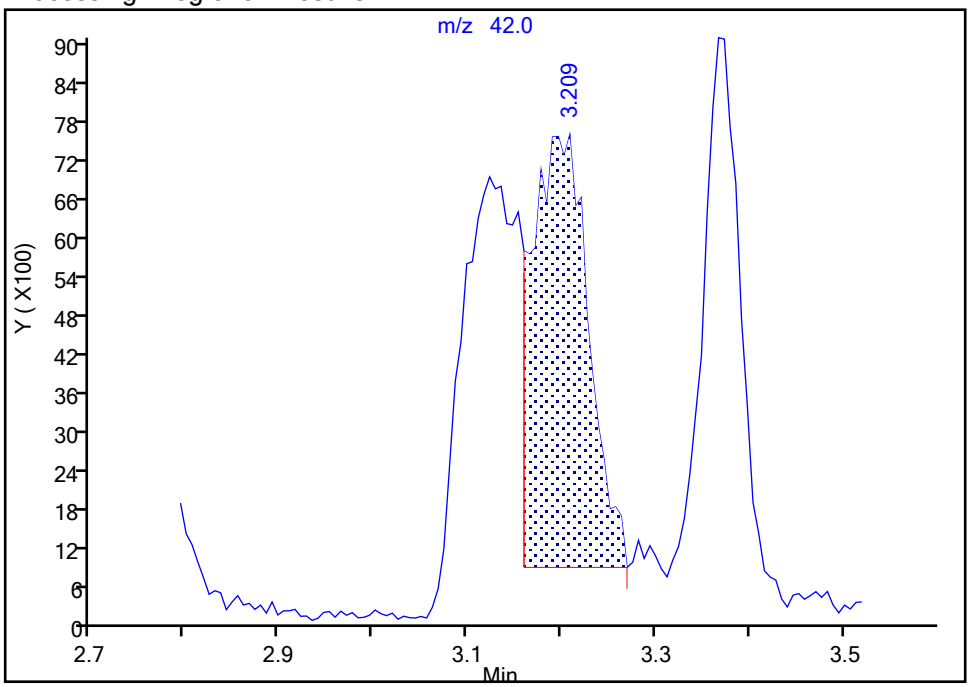
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85430.D
Injection Date: 08-Apr-2022 15:58:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

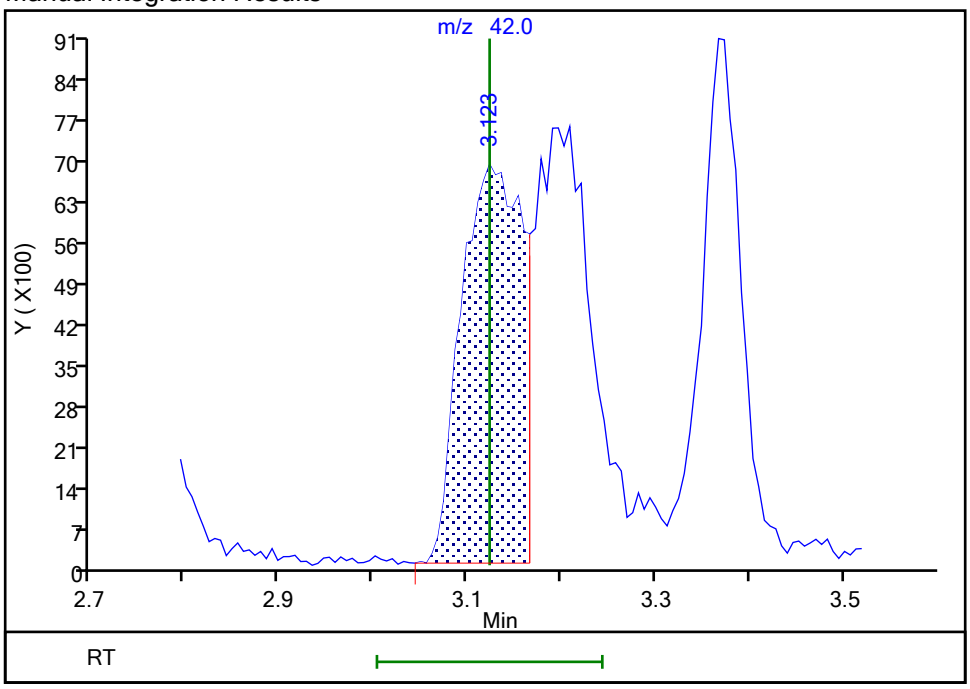
Processing Integration Results

RT: 3.21
Area: 28129
Amount: 361.7033
Amount Units: ug/l



Manual Integration Results

RT: 3.12
Area: 31111
Amount: 399.8684
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:37:55
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

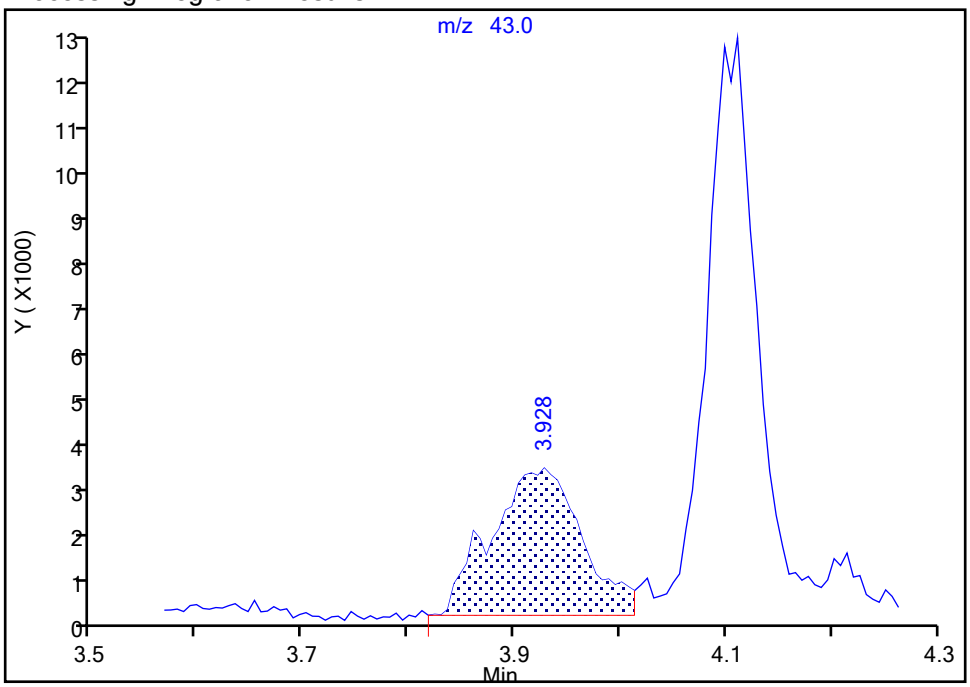
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85430.D
Injection Date: 08-Apr-2022 15:58:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 n-Butanol, CAS: 71-36-3

Signal: 1

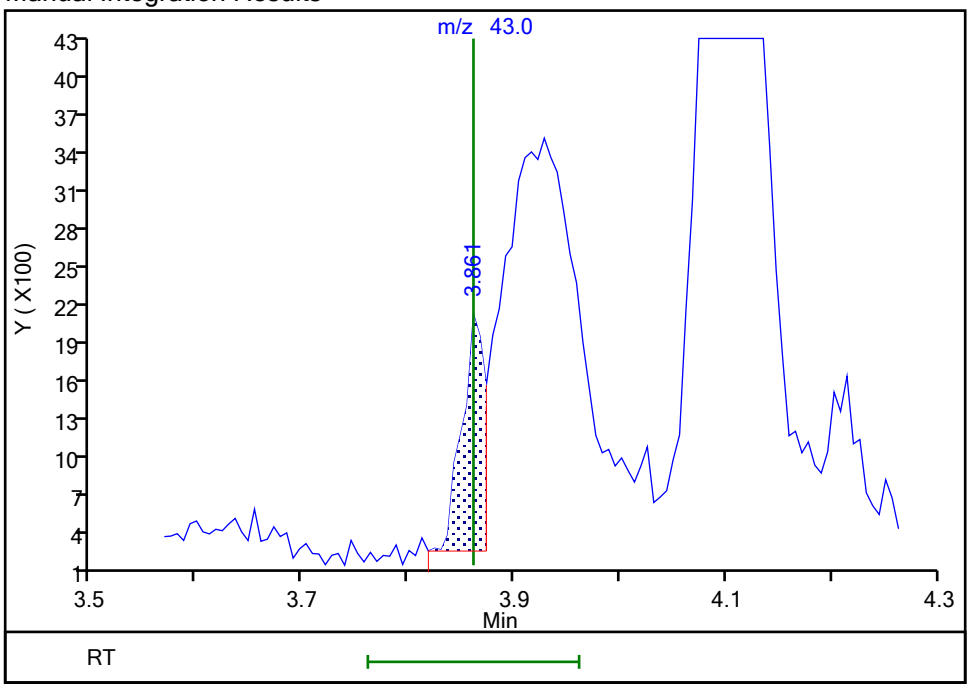
Processing Integration Results

RT: 3.93
Area: 19022
Amount: 698.5732
Amount Units: ug/l



Manual Integration Results

RT: 3.86
Area: 2806
Amount: 105.2095
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 10:38:01
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

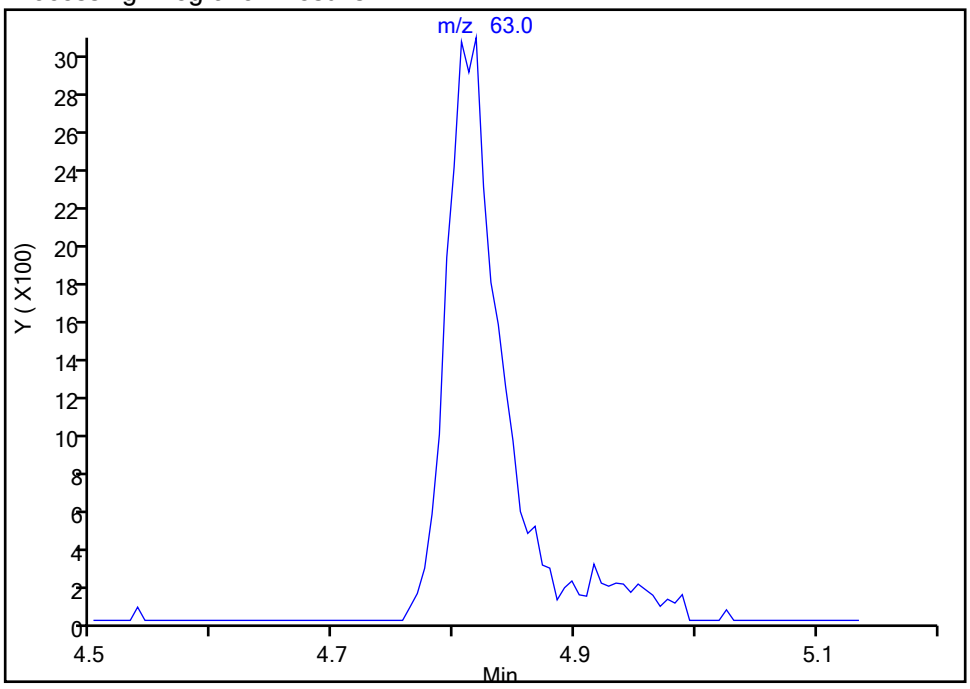
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85430.D
Injection Date: 08-Apr-2022 15:58:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

75 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

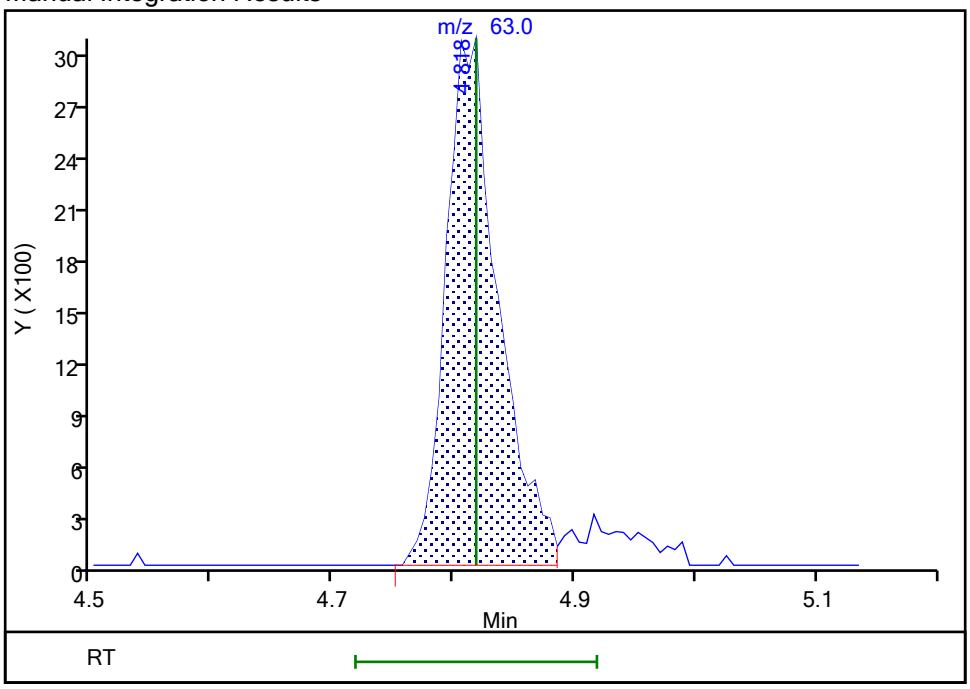
Not Detected
Expected RT: 4.82

Processing Integration Results



Manual Integration Results

RT: 4.82
Area: 9158
Amount: 15.261402
Amount Units: ug/l



Reviewer: parekhv, 08-Apr-2022 16:18:54
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

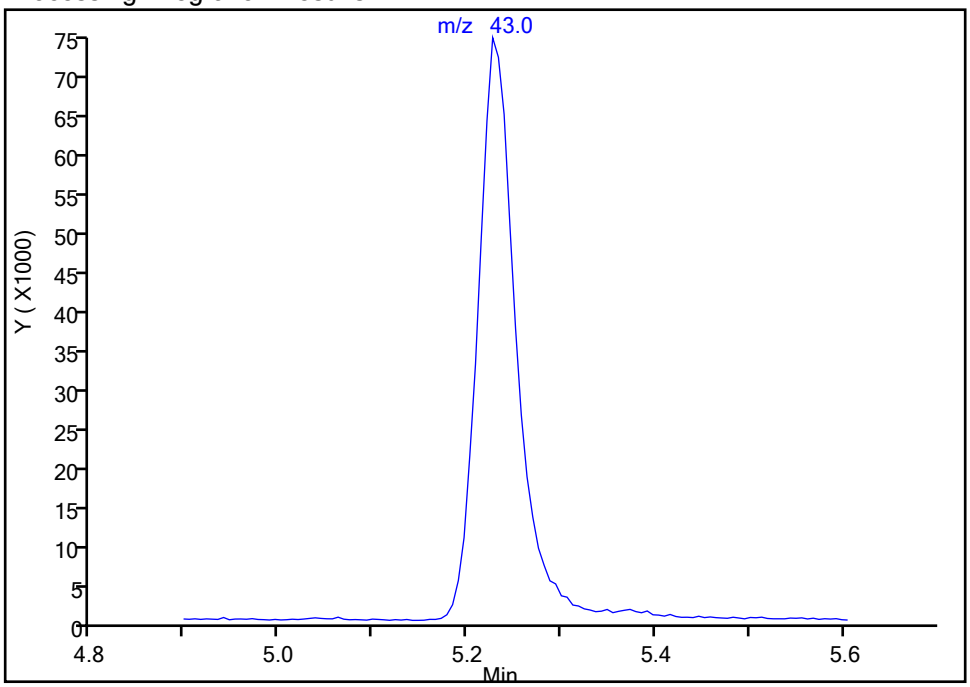
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85430.D
Injection Date: 08-Apr-2022 15:58:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

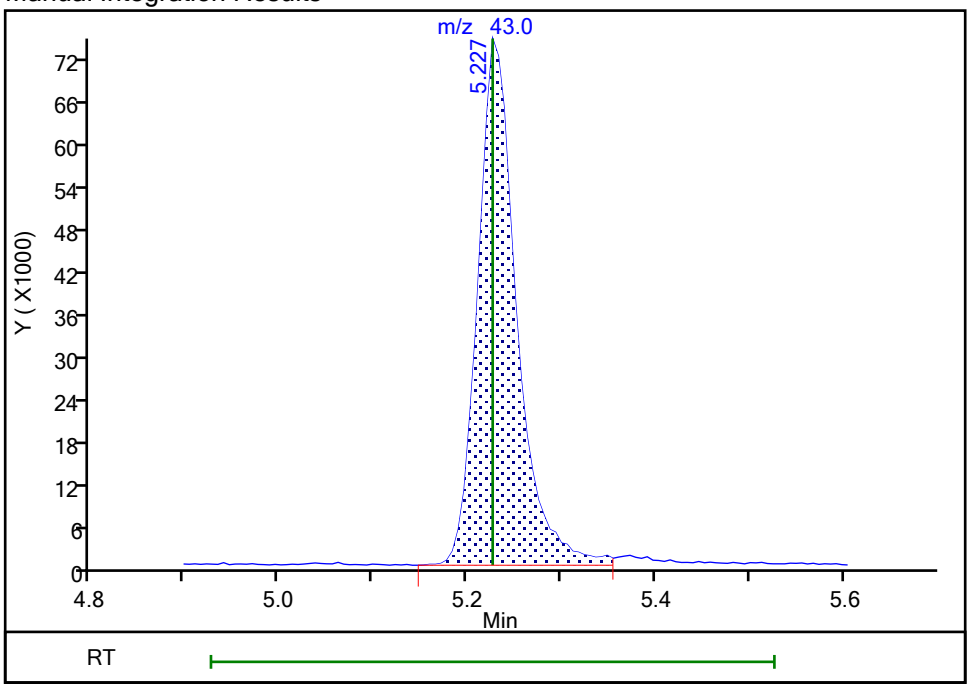
Not Detected
Expected RT: 5.23

Processing Integration Results



Manual Integration Results

RT: 5.23
Area: 212499
Amount: 95.050024
Amount Units: ug/l



Reviewer: parekhv, 08-Apr-2022 16:18:58
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

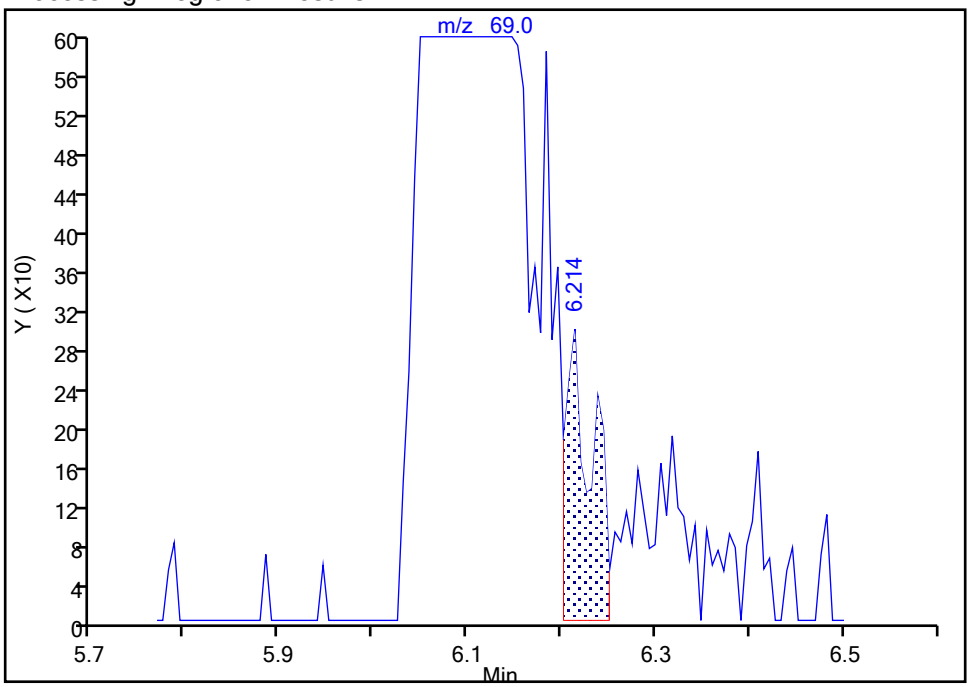
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85430.D
Injection Date: 08-Apr-2022 15:58:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

84 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

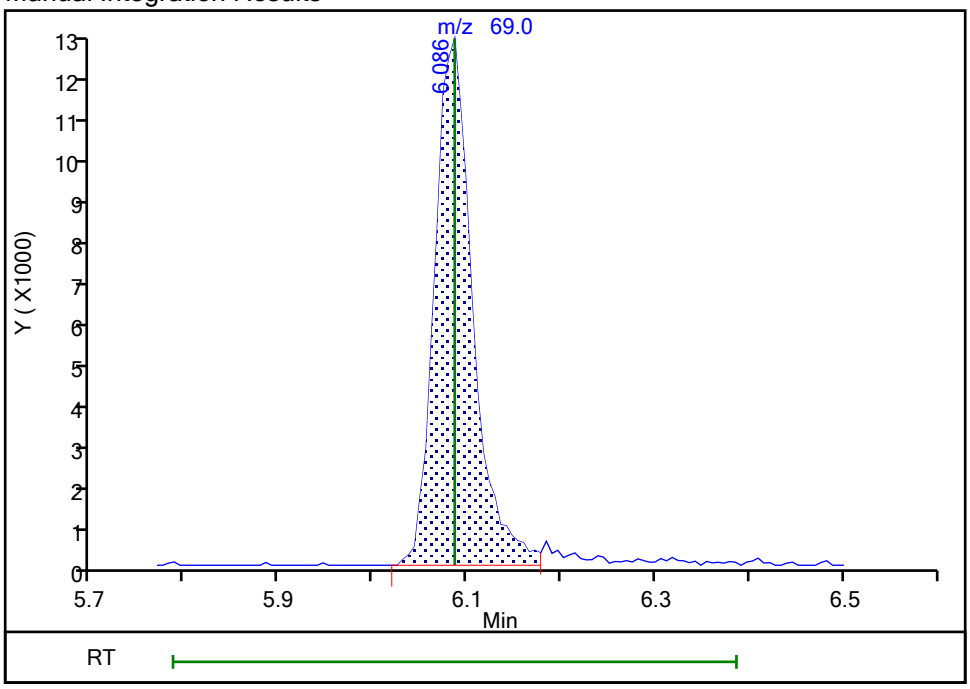
Processing Integration Results

RT: 6.21
Area: 600
Amount: 0.272332
Amount Units: ug/l



Manual Integration Results

RT: 6.09
Area: 36039
Amount: 16.357601
Amount Units: ug/l



Reviewer: parekhv, 08-Apr-2022 16:21:15
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab Sample ID: CCVIS 460-838227/2 Calibration Date: 04/09/2022 05:30

Instrument ID: CVOAMS2 Calib Start Date: 04/05/2022 07:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/05/2022 12:25

Lab File ID: B85461.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Lin2		0.0241		17.7	20.0	-11.5	20.0
1,1-Difluoroethane	Ave	0.7039	0.7257		20.6	20.0	3.1	20.0
Dichlorodifluoromethane	Ave	0.4530	0.3941	0.1000	17.4	20.0	-13.0	20.0
Chlorodifluoromethane	Lin2		0.0641		20.2	20.0	1.0	20.0
Chloromethane	Ave	0.6384	0.6099	0.1000	19.1	20.0	-4.5	20.0
Butadiene	Ave	0.3982	0.4028		20.2	20.0	1.2	20.0
Vinyl chloride	Ave	0.4315	0.4411	0.1000	20.4	20.0	2.2	20.0
Bromomethane	Ave	0.2375	0.2571	0.1000	21.7	20.0	8.3	50.0
Chloroethane	Ave	0.2241	0.2329	0.1000	20.8	20.0	4.0	50.0
Dichlorofluoromethane	Ave	0.5564	0.6576		23.6	20.0	18.2	20.0
Pentane	Ave	0.0463	0.0612		52.8	40.0	32.0*	20.0
Trichlorofluoromethane	Ave	0.4164	0.4598	0.1000	22.1	20.0	10.4	20.0
Ethanol	Ave	0.0343	0.0402		938	800	17.2	50.0
Ethyl ether	Ave	0.1980	0.2356		23.8	20.0	19.0	20.0
2-Methyl-1,3-butadiene	Ave	0.2512	0.3261		26.0	20.0	29.8*	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2323	0.2306		19.9	20.0	-0.7	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3936	0.3921		19.9	20.0	-0.4	20.0
Acrolein	Ave	0.6981	0.9007		393	304	29.0	50.0
1,1-Dichloroethene	Ave	0.2221	0.2878	0.1000	25.9	20.0	29.6*	20.0
Acetone	Ave	0.6702	0.7209	0.0500	108	100	7.6	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2606	0.3459	0.1000	26.6	20.0	32.8*	20.0
Iodomethane	Ave	0.3992	0.4740		23.7	20.0	18.7	20.0
Carbon disulfide	Ave	0.9383	1.184	0.1000	25.2	20.0	26.1	50.0
Isopropyl alcohol	Ave	0.7333	0.6642		181	200	-9.4	50.0
3-Chloro-1-propene	Ave	0.4051	0.4933		24.4	20.0	21.8*	20.0
Methyl acetate	Ave	0.1952	0.2221	0.1000	45.5	40.0	13.8	20.0
Acetonitrile	Ave	0.5741	0.5783		201	200	0.7	20.0
Methylene Chloride	Ave	0.2878	0.3346	0.1000	23.3	20.0	16.3	20.0
2-Methyl-2-propanol	Ave	0.9889	1.010		204	200	2.1	50.0
Acrylonitrile	Ave	2.617	3.058		234	200	16.8	20.0
trans-1,2-Dichloroethene	Ave	0.2575	0.2996	0.1000	23.3	20.0	16.3	20.0
Methyl tert-butyl ether	Ave	0.7177	0.7977	0.1000	22.2	20.0	11.1	20.0
Hexane	Ave	0.4281	0.4605		21.5	20.0	7.6	20.0
1,1-Dichloroethane	Ave	0.5412	0.5691	0.2000	21.0	20.0	5.2	20.0
2-Chloro-1,3-butadiene	Ave	0.2373	0.2368		20.0	20.0	-0.2	20.0
Vinyl acetate	Ave	0.2606	0.2901		44.5	40.0	11.3	20.0
Isopropyl ether	Ave	1.018	1.018		20.0	20.0	-0.0	20.0
Tert-butyl ethyl ether	Ave	0.2898	0.2649		18.3	20.0	-8.6	20.0
cis-1,2-Dichloroethene	Ave	0.2634	0.2718	0.1000	20.6	20.0	3.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab Sample ID: CCVIS 460-838227/2 Calibration Date: 04/09/2022 05:30

Instrument ID: CVOAMS2 Calib Start Date: 04/05/2022 07:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/05/2022 12:25

Lab File ID: B85461.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.1414	0.1494		21.1	20.0	5.7	20.0
2-Butanone (MEK)	Ave	0.2083	0.1956	0.0500	93.9	100	-6.1	50.0
Propionitrile	Ave	0.2680	0.2729		204	200	1.8	20.0
Ethyl acetate	Ave	0.1686	0.1639		38.9	40.0	-2.8	20.0
Methyl acrylate	Ave	0.2509	0.2407		19.2	20.0	-4.1	20.0
Chlorobromomethane	Ave	0.1222	0.1201		19.7	20.0	-1.7	20.0
Methacrylonitrile	Ave	0.0905	0.0816		180	200	-9.9	20.0
Tetrahydrofuran	Ave	0.2190	0.2076		37.9	40.0	-5.2	20.0
Chloroform	Ave	0.4498	0.4544	0.2000	20.2	20.0	1.0	20.0
1,1,1-Trichloroethane	Ave	0.3955	0.4147	0.1000	21.0	20.0	4.8	20.0
Cyclohexane	Ave	0.3957	0.4164	0.1000	21.0	20.0	5.2	50.0
1,1-Dichloropropene	Ave	0.3388	0.3515		20.7	20.0	3.7	20.0
Carbon tetrachloride	Ave	0.3309	0.3300	0.1000	19.9	20.0	-0.3	20.0
Benzene	Ave	1.535	1.608	0.5000	21.0	20.0	4.8	20.0
1,2-Dichloroethane	Ave	0.3289	0.3155	0.1000	19.2	20.0	-4.1	20.0
Isobutyl alcohol	QuaF		0.1467		320	500	-36.0*	20.0
Tert-amyl methyl ether	Ave	0.7942	0.6973		17.6	20.0	-12.2	20.0
Isopropyl acetate	Ave	0.9483	0.8195		17.3	20.0	-13.6	20.0
n-Heptane	Ave	0.5187	0.5240		20.2	20.0	1.0	20.0
Trichloroethene	Ave	0.2312	0.2259	0.2000	19.5	20.0	-2.3	20.0
n-Butanol	QuaF		0.0233		148	500	-70.4*	50.0
Methylcyclohexane	Ave	0.4532	0.4334	0.1000	19.1	20.0	-4.4	50.0
Ethyl acrylate	Ave	0.6728	0.6176		18.4	20.0	-8.2	20.0
1,2-Dichloropropane	Ave	0.2616	0.2543	0.1000	19.4	20.0	-2.8	20.0
Dibromomethane	Ave	0.1315	0.1266		19.3	20.0	-3.7	20.0
1,4-Dioxane	Lin2		0.9734		384	400	-4.0	50.0
Methyl methacrylate	Ave	0.0451	0.0354		31.4	40.0	-21.6*	20.0
Dichlorobromomethane	Ave	0.2988	0.2838	0.2000	19.0	20.0	-5.0	20.0
n-Propyl acetate	Ave	0.2950	0.2343		15.9	20.0	-20.6*	20.0
2-Nitropropane	QuaF		0.0413		31.8	40.0	-20.5*	20.0
2-Chloroethyl vinyl ether	Qua2		0.0382		12.6	20.0	-36.9*	20.0
Epichlorohydrin	Ave	0.1490	0.1276		343	400	-14.4	20.0
cis-1,3-Dichloropropene	Ave	0.5247	0.5094	0.2000	19.4	20.0	-2.9	50.0
4-Methyl-2-pentanone (MIBK)	Ave	1.753	1.519	0.0500	86.6	100	-13.4	50.0
Toluene	Ave	1.490	1.454	0.4000	19.5	20.0	-2.4	20.0
trans-1,3-Dichloropropene	Ave	0.4351	0.4077	0.1000	18.7	20.0	-6.3	50.0
1,1,2-Trichloroethane	Ave	0.2308	0.2235	0.1000	19.4	20.0	-3.2	20.0
Ethyl methacrylate	Ave	0.2240	0.1604		14.3	20.0	-28.4*	20.0
Tetrachloroethene	Ave	0.3222	0.3265	0.2000	20.3	20.0	1.3	20.0
1,3-Dichloropropane	Ave	0.4812	0.4458		18.5	20.0	-7.3	20.0
2-Hexanone	Qua2		0.8811	0.0500	86.7	100	-13.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab Sample ID: CCVIS 460-838227/2 Calibration Date: 04/09/2022 05:30

Instrument ID: CVOAMS2 Calib Start Date: 04/05/2022 07:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/05/2022 12:25

Lab File ID: B85461.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorodibromomethane	Ave	0.2801	0.2658	0.1000	19.0	20.0	-5.1	50.0
Ethylene Dibromide	Ave	0.2497	0.2379	0.1000	19.1	20.0	-4.7	20.0
n-Butyl acetate	Ave	0.4593	0.3818		16.6	20.0	-16.9	20.0
Chlorobenzene	Ave	0.8574	0.8429	0.5000	19.7	20.0	-1.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3123	0.2970		19.0	20.0	-4.9	20.0
Ethylbenzene	Ave	0.4646	0.4454	0.1000	19.2	20.0	-4.1	20.0
m-Xylene & p-Xylene	Ave	0.5390	0.5217	0.1000	19.4	20.0	-3.2	20.0
o-Xylene	Ave	0.5414	0.4849	0.3000	17.9	20.0	-10.4	20.0
Styrene	Qua2		0.7884	0.3000	18.1	20.0	-9.3	20.0
n-Butyl acrylate	QuaF		0.1303		12.3	20.0	-38.4*	20.0
Bromoform	Ave	0.1692	0.1574	0.1000	18.6	20.0	-7.0	20.0
Amyl acetate (mixed isomers)	QuaF		0.7774		15.9	20.0	-20.6*	20.0
Isopropylbenzene	Lin2		1.400	0.1000	17.5	20.0	-12.6	20.0
Bromobenzene	Ave	0.6228	0.6320		20.3	20.0	1.5	20.0
1,2,3-Trichloropropane	Ave	0.1739	0.1621		18.6	20.0	-6.8	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6642	0.6137	0.3000	18.5	20.0	-7.6	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2008	0.1765		17.6	20.0	-12.1	20.0
N-Propylbenzene	Ave	0.7205	0.7128		19.8	20.0	-1.1	20.0
2-Chlorotoluene	Ave	0.6443	0.6413		19.9	20.0	-0.5	20.0
4-Ethyltoluene	Ave	2.601	2.526		19.4	20.0	-2.9	20.0
4-Chlorotoluene	Ave	2.283	2.306		20.2	20.0	1.0	20.0
1,3,5-Trimethylbenzene	Ave	2.273	2.165		19.0	20.0	-4.8	20.0
Butyl Methacrylate	QuaF		0.4478		13.1	20.0	-34.5*	20.0
tert-Butylbenzene	Ave	1.785	1.646		18.4	20.0	-7.8	20.0
1,2,4-Trimethylbenzene	Ave	2.262	2.218		19.6	20.0	-2.0	20.0
sec-Butylbenzene	Ave	2.935	2.766		18.8	20.0	-5.8	20.0
1,3-Dichlorobenzene	Ave	1.256	1.243	0.6000	19.8	20.0	-1.0	20.0
1,4-Dichlorobenzene	Ave	1.290	1.261	0.5000	19.6	20.0	-2.2	20.0
4-Isopropyltoluene	Ave	2.482	2.352		19.0	20.0	-5.2	20.0
1,2,3-Trimethylbenzene	Ave	2.420	2.253		18.6	20.0	-6.9	20.0
Benzyl chloride	QuaF		0.1836		17.3	20.0	-13.7	50.0
Indan	Qua2		0.6503		17.6	20.0	-12.2	20.0
1,2-Dichlorobenzene	Ave	1.194	1.181	0.4000	19.8	20.0	-1.1	20.0
p-Diethylbenzene	Lin2		1.204		17.7	20.0	-11.3	20.0
n-Butylbenzene	Lin2		1.431		19.1	20.0	-4.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1167	0.0983	0.0500	16.8	20.0	-15.8	50.0
1,2,4,5-Tetramethylbenzene	Qua2		1.847		19.0	20.0	-4.8	20.0
1,3,5-Trichlorobenzene	Ave	0.9401	0.9558		20.3	20.0	1.7	20.0
1,2,4-Trichlorobenzene	Ave	0.8182	0.8143	0.2000	19.9	20.0	-0.5	20.0
Hexachlorobutadiene	Ave	0.4459	0.4143		18.6	20.0	-7.1	20.0
Naphthalene	Ave	1.859	1.704		18.3	20.0	-8.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Lab Sample ID: CCVIS 460-838227/2 Calibration Date: 04/09/2022 05:30

Instrument ID: CVOAMS2 Calib Start Date: 04/05/2022 07:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/05/2022 12:25

Lab File ID: B85461.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Ave	0.8024	0.7824		19.5	20.0	-2.5	20.0
Dibromofluoromethane (Surr)	Ave	0.2462	0.2472		50.2	50.0	0.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2918	0.2879		49.3	50.0	-1.3	20.0
Toluene-d8 (Surr)	Ave	1.449	1.433		49.4	50.0	-1.1	20.0
4-Bromofluorobenzene	Ave	0.7036	0.6985		49.6	50.0	-0.7	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85461.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 09-Apr-2022 05:30:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0143808-002
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 11:18:02 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: delpolitov Date: 11-Apr-2022 11:18:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.587	0.587	0.000	37	4786	20.0	17.7	Ma
2 1,1-Difluoroethane	51	0.642	0.642	0.000	0	143866	20.0	20.6	
3 Dichlorodifluoromethane	85	0.642	0.642	0.000	0	78126	20.0	17.4	
4 Chlorodifluoromethane	67	0.648	0.648	0.000	0	12705	20.0	20.2	
5 Chloromethane	50	0.727	0.727	0.000	0	120920	20.0	19.1	
6 Butadiene	54	0.758	0.758	0.000	0	79856	20.0	20.2	
7 Vinyl chloride	62	0.764	0.764	0.000	0	87442	20.0	20.4	
8 Bromomethane	94	0.892	0.892	0.000	0	50974	20.0	21.7	
9 Chloroethane	64	0.916	0.916	0.000	0	46181	20.0	20.8	
10 Dichlorofluoromethane	67	1.014	1.014	0.000	0	130359	20.0	23.6	
12 Pentane	72	1.020	1.020	0.000	0	24267	40.0	52.8	
13 Ethyl ether	59	1.117	1.117	0.000	0	46703	20.0	23.8	
15 2-Methyl-1,3-butadiene	53	1.124	1.124	0.000	98	64651	20.0	26.0	M
14 Ethanol	46	1.099	1.099	0.000	75	11322	800.0	937.5	M
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.136	1.136	0.000	0	45709	20.0	19.9	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.166	1.166	0.000	86	77742	20.0	19.9	a
18 Acrolein	56	1.178	1.178	0.000	0	96376	304.2	392.5	
19 1,1-Dichloroethene	96	1.227	1.227	0.000	86	57050	20.0	25.9	
21 Acetone	43	1.258	1.258	0.000	0	88230	100.0	107.6	
11 Trichlorofluoromethane	101	1.032	1.032	0.000	30	91162	20.0	22.1	Ma
20 112TCTFE	101	1.276	1.276	0.000	97	68580	20.0	26.6	a
22 Iodomethane	142	1.294	1.294	0.000	0	93965	20.0	23.7	
23 Carbon disulfide	76	1.325	1.325	0.000	0	234639	20.0	25.2	
24 Isopropyl alcohol	45	1.361	1.361	0.000	0	46726	200.0	181.2	
25 3-Chloro-1-propene	39	1.410	1.410	0.000	90	97793	20.0	24.4	
26 Methyl acetate	43	1.428	1.428	0.000	0	88054	40.0	45.5	
27 Acetonitrile	39	1.447	1.447	0.000	27	40678	200.0	201.5	Ma
28 Methylene Chloride	84	1.477	1.477	0.000	0	66343	20.0	23.3	
* 29 TBA-d9 (IS)	65	1.544	1.544	0.000	0	351727	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.617	1.617	0.000	91	71051	200.0	204.3	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.617	1.617	0.000	0	215115	200.0	233.7	
32 trans-1,2-Dichloroethene	96	1.630	1.630	0.000	0	59387	20.0	23.3	
33 Methyl tert-butyl ether	73	1.654	1.654	0.000	0	158134	20.0	22.2	
34 Hexane	57	1.806	1.806	0.000	0	91302	20.0	21.5	
35 1,1-Dichloroethane	63	1.886	1.886	0.000	0	112826	20.0	21.0	
36 Vinyl acetate	86	1.947	1.947	0.000	0	14202	40.0	44.5	
37 2-Chloro-1,3-butadiene	88	1.947	1.947	0.000	0	46940	20.0	20.0	
38 Isopropyl ether	45	1.971	1.971	0.000	0	201814	20.0	20.0	
39 Tert-butyl ethyl ether	87	2.227	2.227	0.000	0	52515	20.0	18.3	
* 40 2-Butanone-d5	46	2.288	2.288	0.000	0	305965	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.300	2.300	0.000	0	53885	20.0	20.6	
42 2,2-Dichloropropane	79	2.306	2.306	0.000	0	29625	20.0	21.1	
43 2-Butanone (MEK)	72	2.337	2.337	0.000	0	23942	100.0	93.9	
44 Propionitrile	54	2.367	2.367	0.000	0	66807	200.0	203.7	
45 Ethyl acetate	70	2.404	2.404	0.000	0	8024	40.0	38.9	
62 Methyl acrylate	55	2.416	2.416	0.000	0	47716	20.0	19.2	
47 Methacrylonitrile	67	2.483	2.483	0.000	0	161765	200.0	180.2	
46 Chlorobromomethane	128	2.483	2.483	0.000	0	23815	20.0	19.7	
48 Tetrahydrofuran	72	2.526	2.526	0.000	0	10164	40.0	37.9	
49 Chloroform	83	2.568	2.568	0.000	0	90087	20.0	20.2	
$ 50 Dibromofluoromethane (Surr)	113	2.703	2.703	0.000	0	122502	50.0	50.2	
51 1,1,1-Trichloroethane	97	2.703	2.703	0.000	0	82206	20.0	21.0	
52 Cyclohexane	84	2.745	2.745	0.000	0	82542	20.0	21.0	
54 1,1-Dichloropropene	75	2.843	2.843	0.000	0	69680	20.0	20.7	
53 Carbon tetrachloride	117	2.843	2.843	0.000	0	65413	20.0	19.9	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.983	2.983	0.000	0	142704	50.0	49.3	
56 Benzene	78	3.026	3.026	0.000	0	191796	20.0	21.0	
57 1,2-Dichloroethane	62	3.056	3.056	0.000	0	62538	20.0	19.2	
58 Isobutyl alcohol	42	3.148	3.148	0.000	46	25802	500.0	320.2	a
59 Tert-amyl methyl ether	73	3.196	3.196	0.000	0	138232	20.0	17.6	
73 Isopropyl acetate	43	3.209	3.209	0.000	93	162469	20.0	17.3	M
* 60 Fluorobenzene	96	3.318	3.318	0.000	97	495619	50.0	50.0	
61 n-Heptane	43	3.373	3.373	0.000	0	103873	20.0	20.2	
63 Trichloroethene	95	3.708	3.708	0.000	0	44775	20.0	19.5	
65 Methylcyclohexane	83	3.922	3.922	0.000	0	85919	20.0	19.1	
64 n-Butanol	43	3.891	3.891	0.000	59	4099	500.0	148.0	M
66 Ethyl acrylate	55	3.928	3.928	0.000	0	122437	20.0	18.4	
67 1,2-Dichloropropane	63	3.952	3.952	0.000	0	50424	20.0	19.4	
68 Dibromomethane	93	4.086	4.086	0.000	0	25097	20.0	19.3	
* 69 1,4-Dioxane-d8	96	4.141	4.141	0.000	0	15474	1000.0	1000.0	
70 1,4-Dioxane	88	4.178	4.178	0.000	26	6025	400.0	384.0	a
71 Methyl methacrylate	100	4.214	4.214	0.000	92	14028	40.0	31.4	
72 Dichlorobromomethane	83	4.324	4.324	0.000	0	56259	20.0	19.0	
81 n-Propyl acetate	43	4.330	4.330	0.000	79	46450	20.0	15.9	
74 2-Nitropropane	41	4.635	4.635	0.000	96	16368	40.0	31.8	
75 2-Chloroethyl vinyl ether	63	4.806	4.806	0.000	70	7601	20.0	12.6	
76 Epichlorohydrin	57	4.842	4.842	0.000	0	62474	400.0	342.5	
77 cis-1,3-Dichloropropene	75	4.934	4.934	0.000	0	60743	20.0	19.4	
78 4-Methyl-2-pentanone (MIBK)	43	5.233	5.233	0.000	98	185851	100.0	86.6	a
$ 79 Toluene-d8 (Surr)	98	5.287	5.287	0.000	0	427278	50.0	49.4	
80 Toluene	91	5.379	5.379	0.000	0	173442	20.0	19.5	
82 trans-1,3-Dichloropropene	75	5.800	5.800	0.000	0	48621	20.0	18.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.056	6.056	0.000	0	26649	20.0	19.4	
84 Ethyl methacrylate	69	6.080	6.080	0.000	93	31791	20.0	14.3	
85 Tetrachloroethene	166	6.214	6.214	0.000	0	38935	20.0	20.3	
86 1,3-Dichloropropane	76	6.299	6.299	0.000	0	53168	20.0	18.5	
87 2-Hexanone	43	6.592	6.592	0.000	0	107839	100.0	86.7	
88 Chlorodibromomethane	129	6.653	6.653	0.000	0	31701	20.0	19.0	
89 Ethylene Dibromide	107	6.763	6.763	0.000	0	28374	20.0	19.1	
90 n-Butyl acetate	43	6.927	6.927	0.000	0	45528	20.0	16.6	
* 91 Chlorobenzene-d5	117	7.647	7.647	0.000	88	298131	50.0	50.0	
92 Chlorobenzene	112	7.695	7.695	0.000	0	100517	20.0	19.7	
93 1,1,1,2-Tetrachloroethane	131	7.915	7.915	0.000	0	35413	20.0	19.0	
94 Ethylbenzene	106	7.994	7.994	0.000	0	53119	20.0	19.2	
95 m-Xylene & p-Xylene	106	8.244	8.244	0.000	0	62219	20.0	19.4	
96 o-Xylene	106	8.976	8.976	0.000	0	57821	20.0	17.9	
97 Styrene	104	9.024	9.024	0.000	0	94018	20.0	18.1	
98 n-Butyl acrylate	73	9.220	9.220	0.000	96	15544	20.0	12.3	
99 Bromoform	173	9.256	9.256	0.000	0	18773	20.0	18.6	
101 Amyl acetate (mixed isomers)	43	9.707	9.707	0.000	90	48682	20.0	15.9	M
102 Isopropylbenzene	105	9.726	9.726	0.000	0	166913	20.0	17.5	
$ 103 4-Bromofluorobenzene	174	9.933	9.933	0.000	0	109357	50.0	49.6	
104 Bromobenzene	156	10.104	10.104	0.000	0	39582	20.0	20.3	
105 1,2,3-Trichloropropane	110	10.323	10.323	0.000	0	10151	20.0	18.6	
106 1,1,2,2-Tetrachloroethane	83	10.347	10.347	0.000	0	38430	20.0	18.5	
107 trans-1,4-Dichloro-2-butene	53	10.451	10.451	0.000	0	11055	20.0	17.6	
108 N-Propylbenzene	120	10.482	10.482	0.000	0	44642	20.0	19.8	
109 2-Chlorotoluene	126	10.518	10.518	0.000	0	40164	20.0	19.9	
110 4-Ethyltoluene	105	10.701	10.701	0.000	0	158178	20.0	19.4	
111 4-Chlorotoluene	91	10.725	10.725	0.000	0	144404	20.0	20.2	
112 1,3,5-Trimethylbenzene	105	10.835	10.835	0.000	0	135567	20.0	19.0	
100 Butyl Methacrylate	87	11.219	11.219	0.000	94	28042	20.0	13.1	
113 tert-Butylbenzene	119	11.365	11.365	0.000	0	103055	20.0	18.4	
114 1,2,4-Trimethylbenzene	105	11.451	11.451	0.000	0	138880	20.0	19.6	
115 sec-Butylbenzene	105	11.750	11.750	0.000	0	173236	20.0	18.8	
116 1,3-Dichlorobenzene	146	11.817	11.817	0.000	0	77844	20.0	19.8	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	96	156563	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.006	12.006	0.000	0	78977	20.0	19.6	
119 4-Isopropyltoluene	119	12.085	12.085	0.000	0	147310	20.0	19.0	
120 1,2,3-Trimethylbenzene	105	12.182	12.182	0.000	0	141109	20.0	18.6	
121 Benzyl chloride	126	12.341	12.341	0.000	0	11499	20.0	17.3	
122 2,3-Dihydroindene	117	12.518	12.518	0.000	0	128920	20.0	17.6	
123 1,2-Dichlorobenzene	146	12.695	12.695	0.000	93	73961	20.0	19.8	
124 p-Diethylbenzene	119	12.829	12.829	0.000	91	75374	20.0	17.7	a
125 n-Butylbenzene	92	12.853	12.853	0.000	0	89638	20.0	19.1	
126 1,2-Dibromo-3-Chloropropane	157	13.609	13.609	0.000	0	6154	20.0	16.8	
127 1,2,4,5-Tetramethylbenzene	119	13.646	13.646	0.000	0	115653	20.0	19.0	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	0	59855	20.0	20.3	
129 1,2,4-Trichlorobenzene	180	14.231	14.231	0.000	0	50998	20.0	19.9	
130 Hexachlorobutadiene	225	14.377	14.377	0.000	0	25947	20.0	18.6	
131 Naphthalene	128	14.377	14.377	0.000	0	106736	20.0	18.3	
132 1,2,3-Trichlorobenzene	180	14.536	14.536	0.000	0	48998	20.0	19.5	
S 133 1,2-Dichloroethene, Total	100				0		40.0	43.9	
S 134 1,3-Dichloropropene, Total	100				0		40.0	38.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	37.3	
S 136 Total BTEX	1				0		100.0	96.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00138	Amount Added:	3.00	Units: uL	
8260MIX1COMB_00152	Amount Added:	2.00	Units: uL	
524freon_00050	Amount Added:	2.00	Units: uL	
GASES Li_00470	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 11-Apr-2022 11:18:04 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85461.D

Injection Date: 09-Apr-2022 05:30:30 Instrument ID: CVOAMS2 Operator ID:

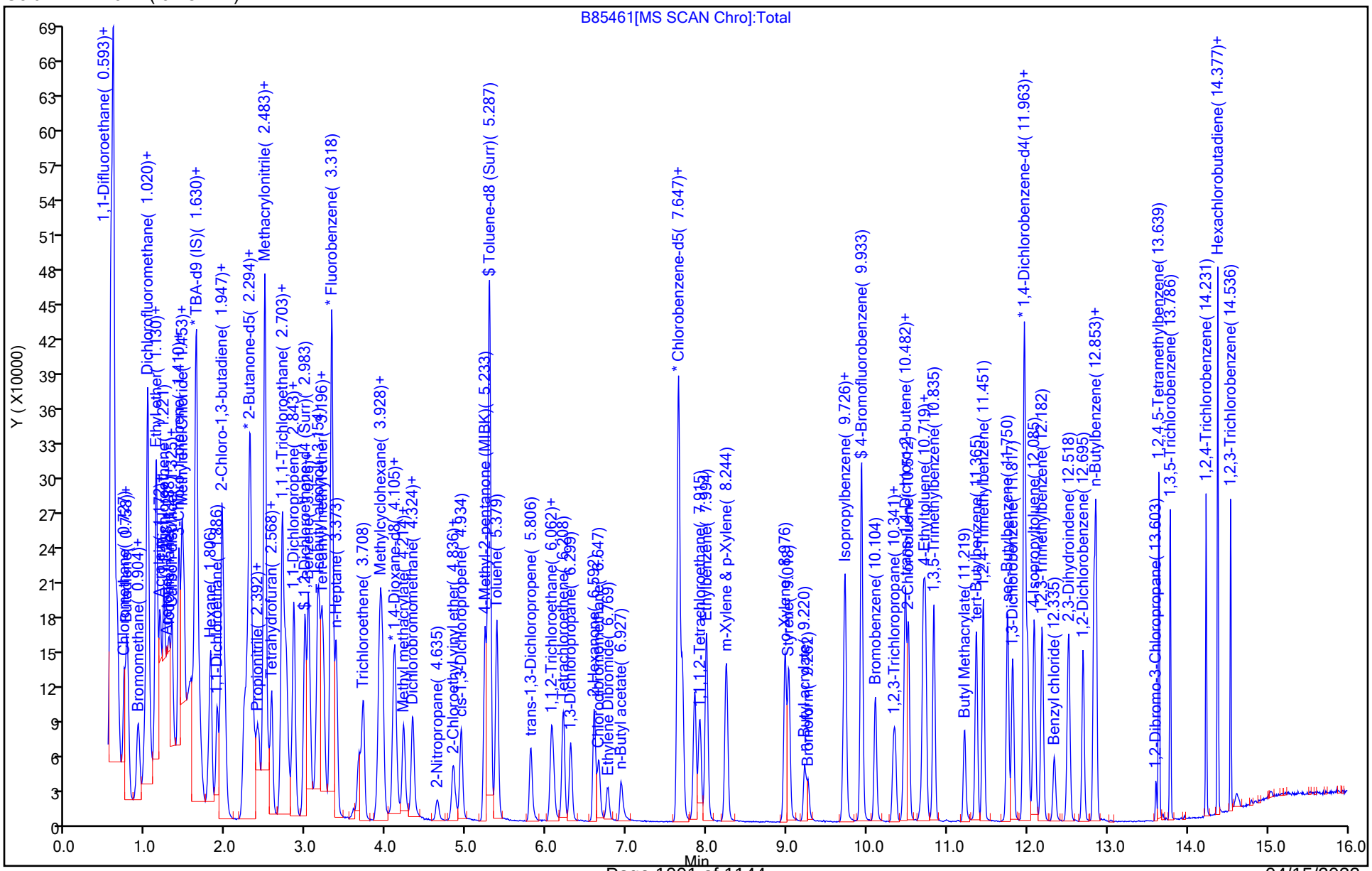
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

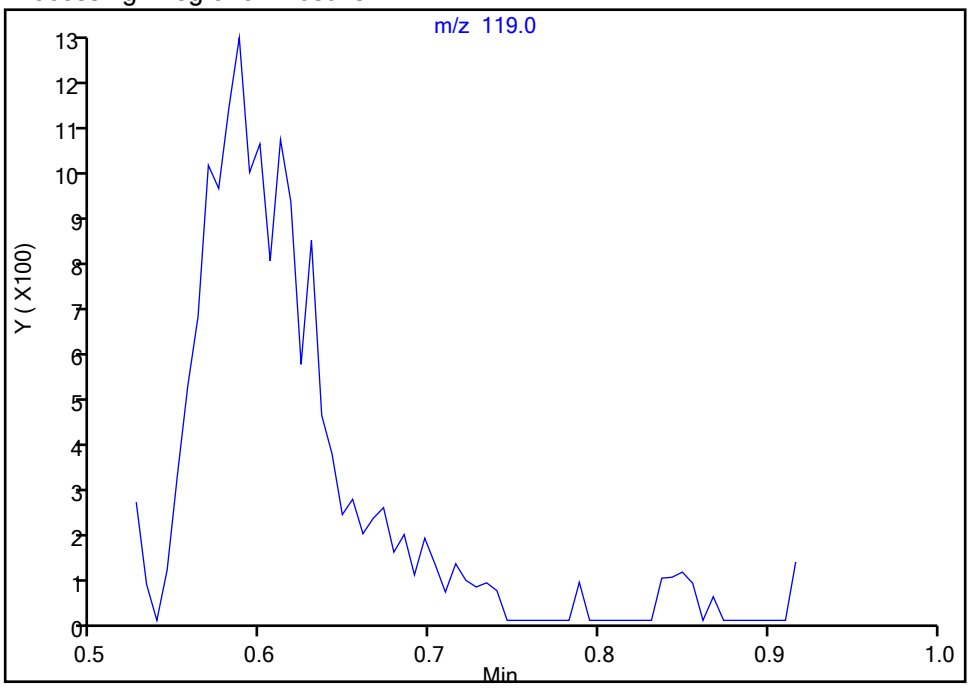
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85461.D
Injection Date: 09-Apr-2022 05:30:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

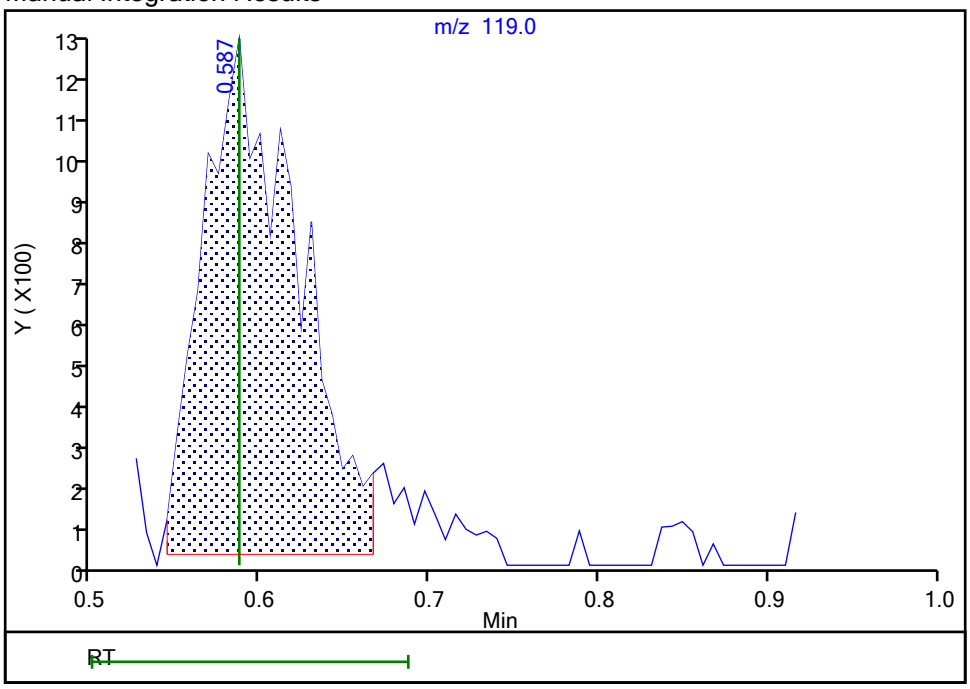
Not Detected
Expected RT: 0.59

Processing Integration Results



Manual Integration Results

RT: 0.59
Area: 4786
Amount: 17.699749
Amount Units: ug/l



Reviewer: tupayachia, 09-Apr-2022 05:52:20
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

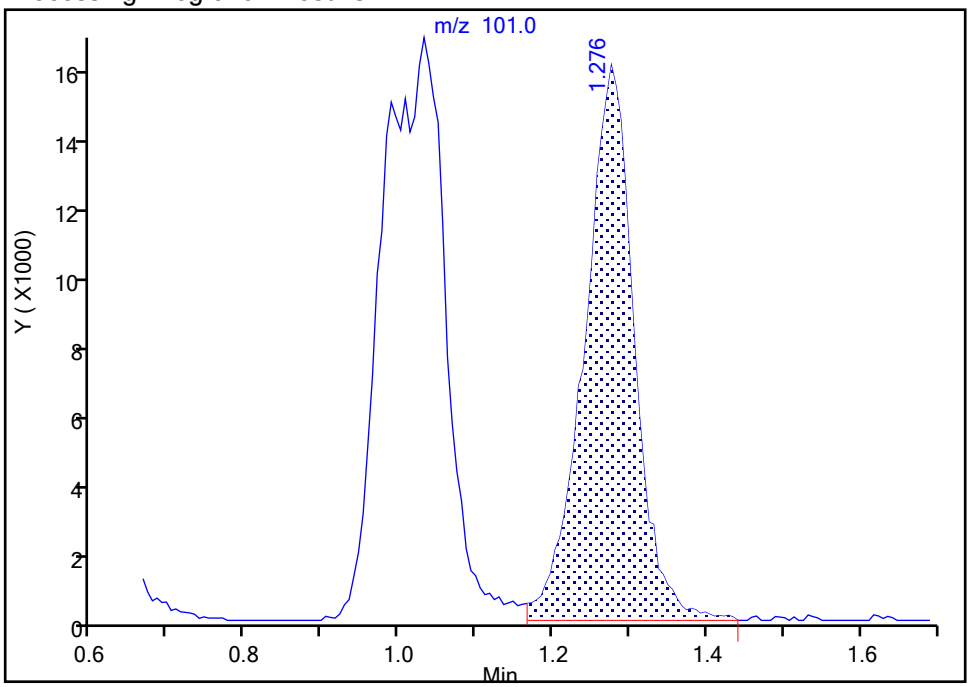
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85461.D
Injection Date: 09-Apr-2022 05:30:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

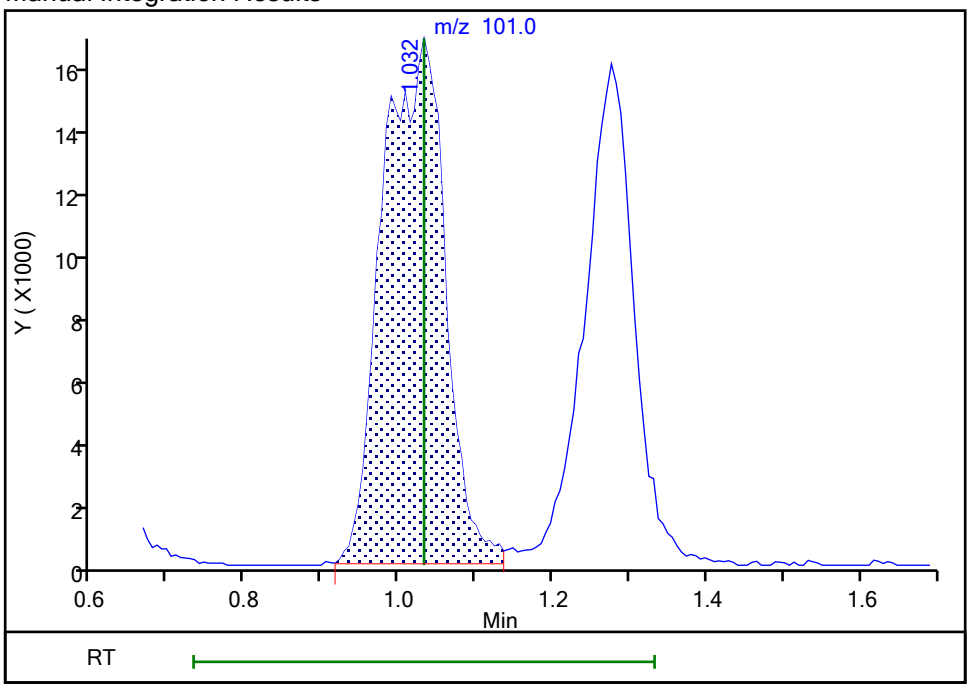
Processing Integration Results

RT: 1.28
Area: 68931
Amount: 16.701944
Amount Units: ug/l



Manual Integration Results

RT: 1.03
Area: 91162
Amount: 22.088504
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 11:17:01
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

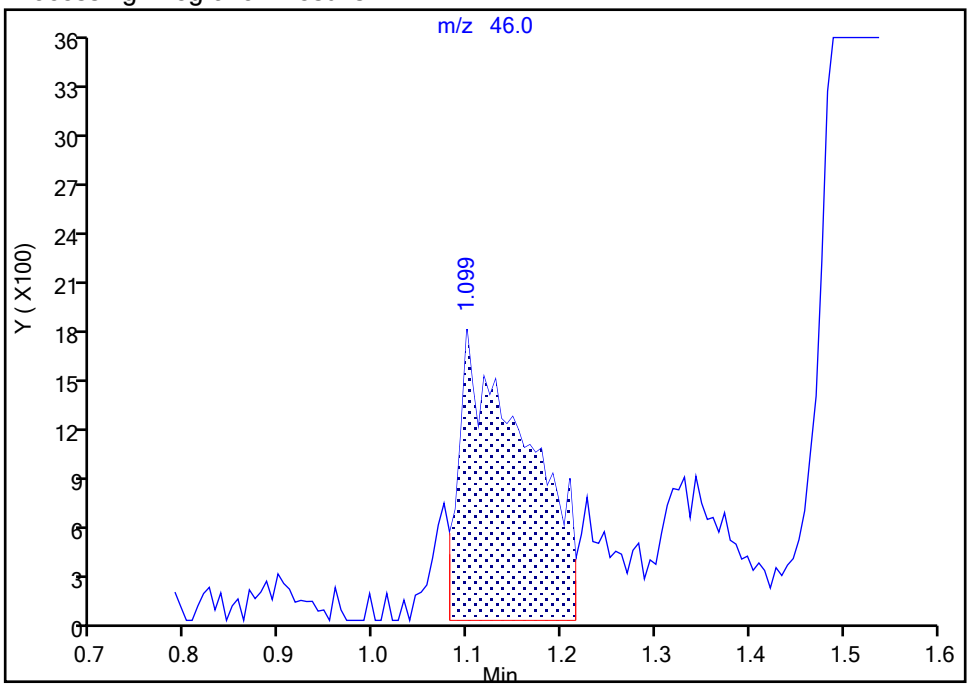
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85461.D
Injection Date: 09-Apr-2022 05:30:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

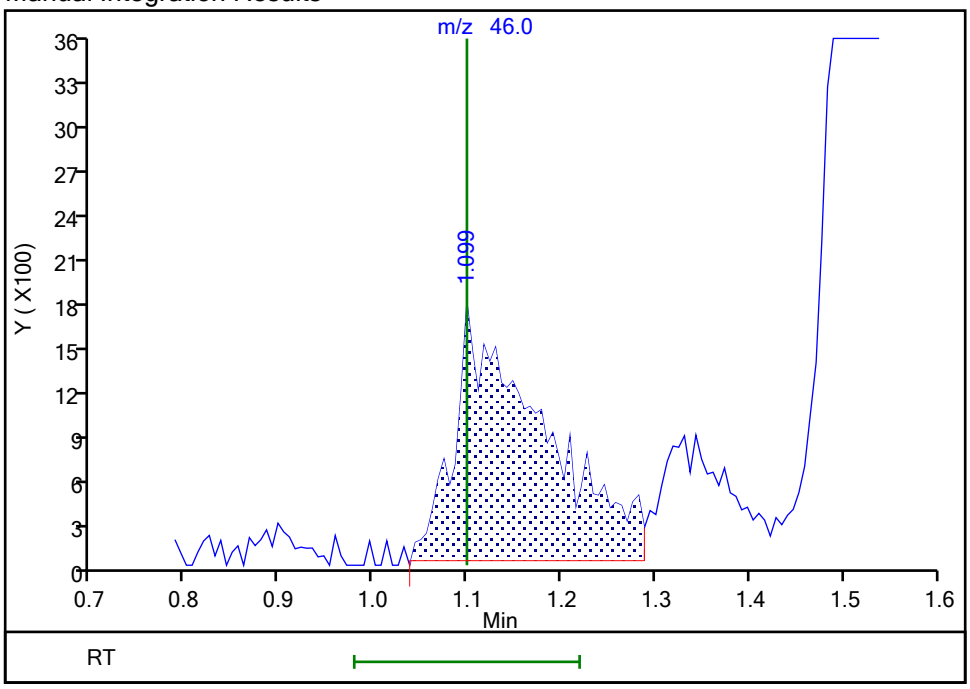
Processing Integration Results

RT: 1.10
Area: 8983
Amount: 743.8310
Amount Units: ug/l



Manual Integration Results

RT: 1.10
Area: 11322
Amount: 937.5102
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 11:16:48
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

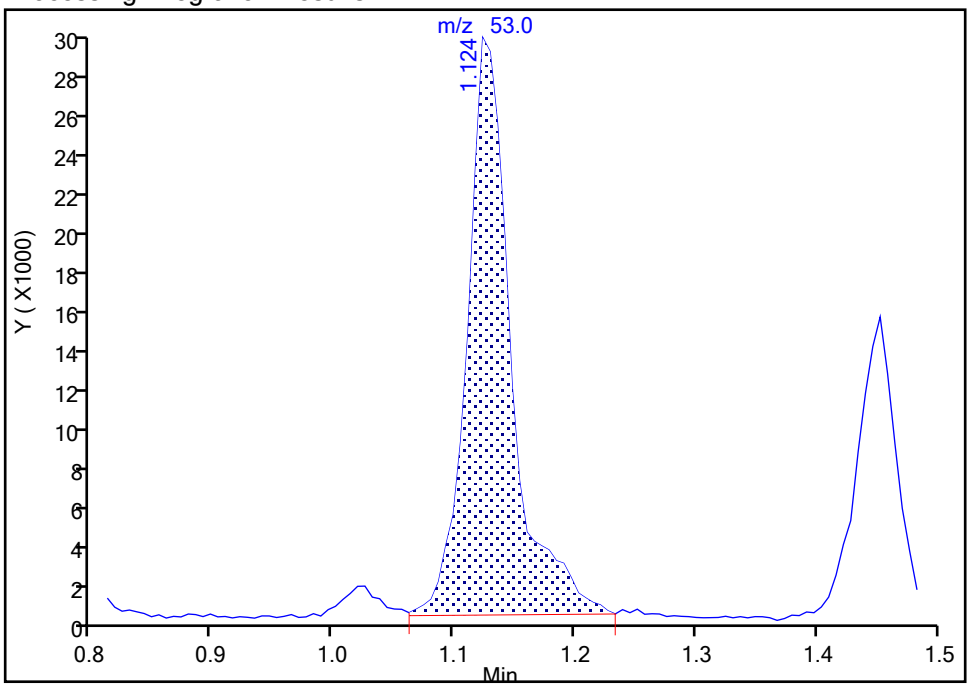
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85461.D
Injection Date: 09-Apr-2022 05:30:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

15 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

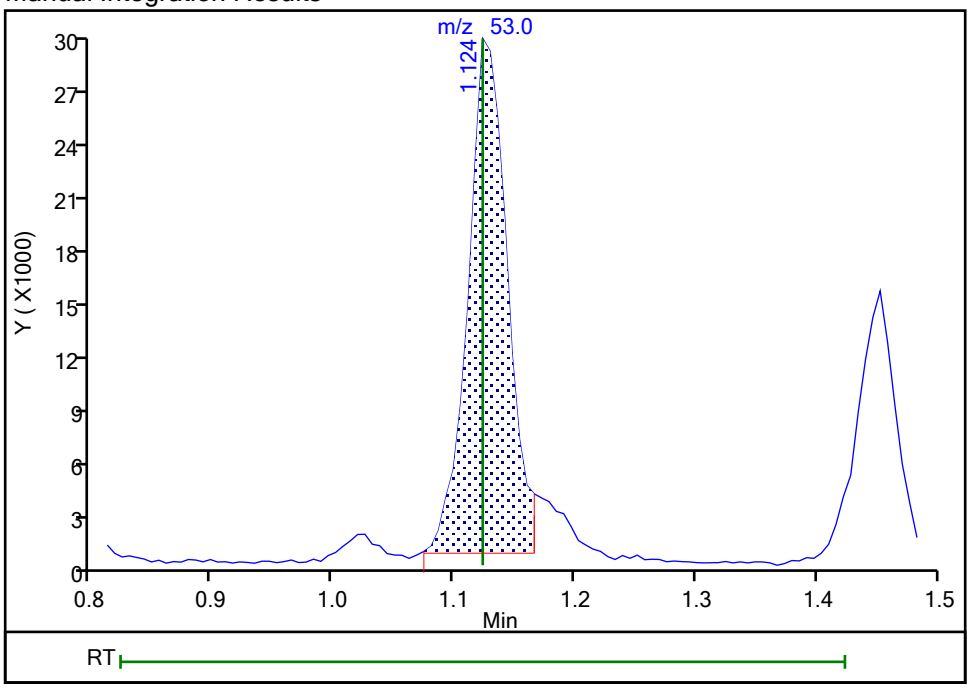
Processing Integration Results

RT: 1.12
Area: 73340
Amount: 29.454934
Amount Units: ug/l



Manual Integration Results

RT: 1.12
Area: 64651
Amount: 25.965243
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 11:16:39
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

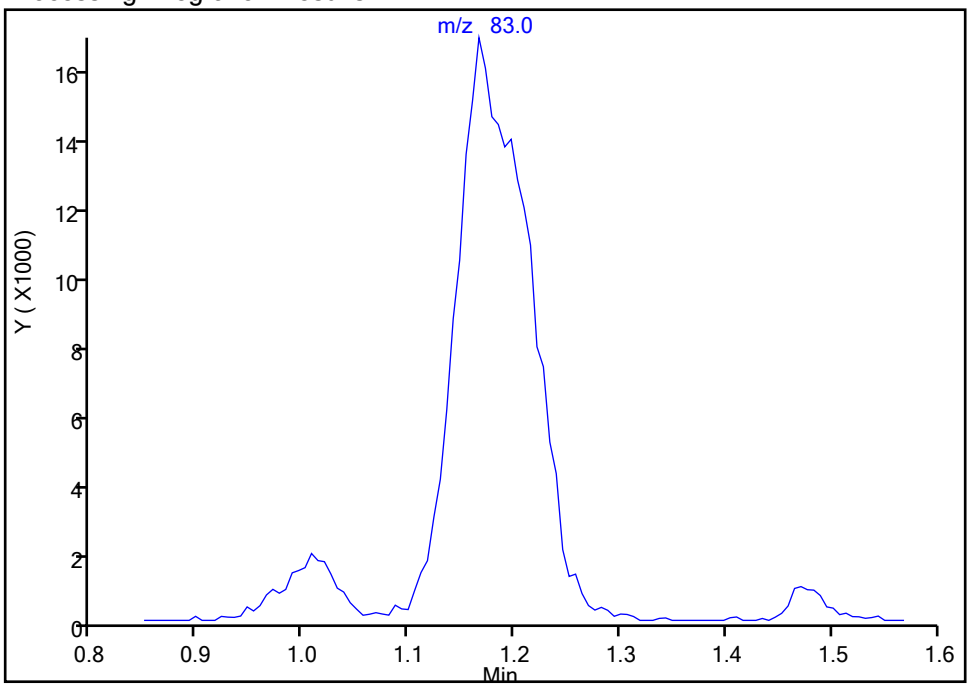
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85461.D
Injection Date: 09-Apr-2022 05:30:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

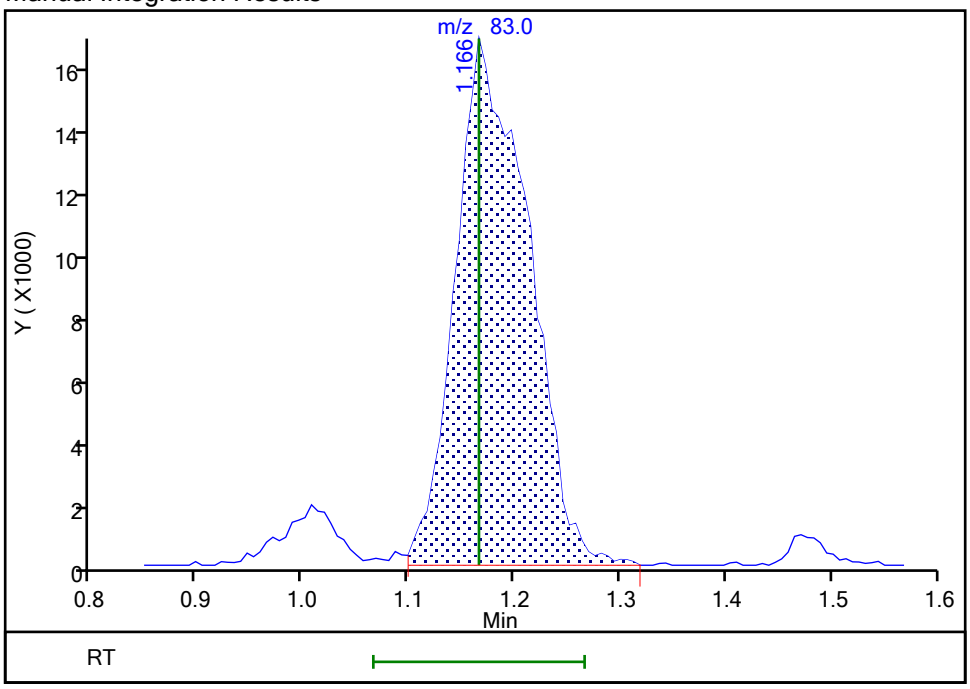
Not Detected
Expected RT: 1.17

Processing Integration Results



Manual Integration Results

RT: 1.17
Area: 77742
Amount: 19.928262
Amount Units: ug/l



Reviewer: tupayachia, 09-Apr-2022 05:52:41
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison

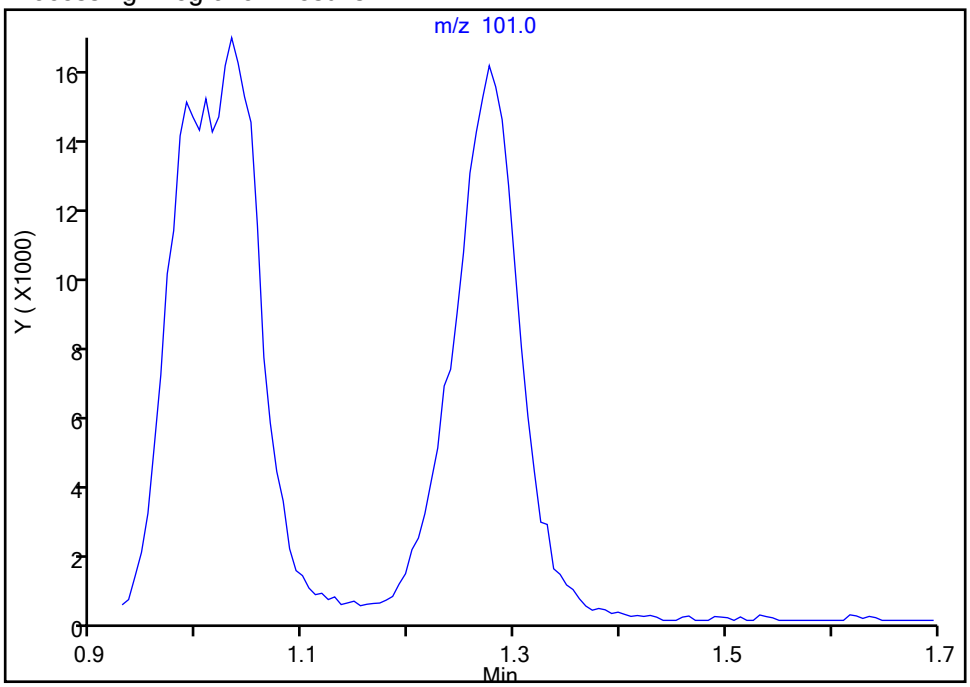
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85461.D
Injection Date: 09-Apr-2022 05:30:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

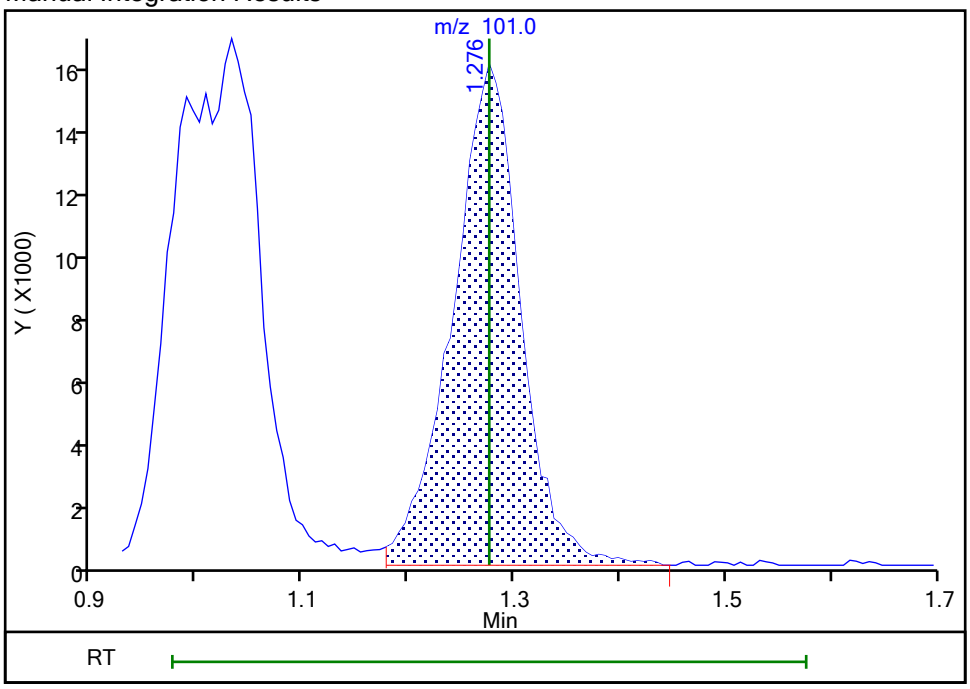
Not Detected
Expected RT: 1.28

Processing Integration Results



Manual Integration Results

RT: 1.28
Area: 68580
Amount: 26.551432
Amount Units: ug/l



Reviewer: tupayachia, 09-Apr-2022 05:52:48
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

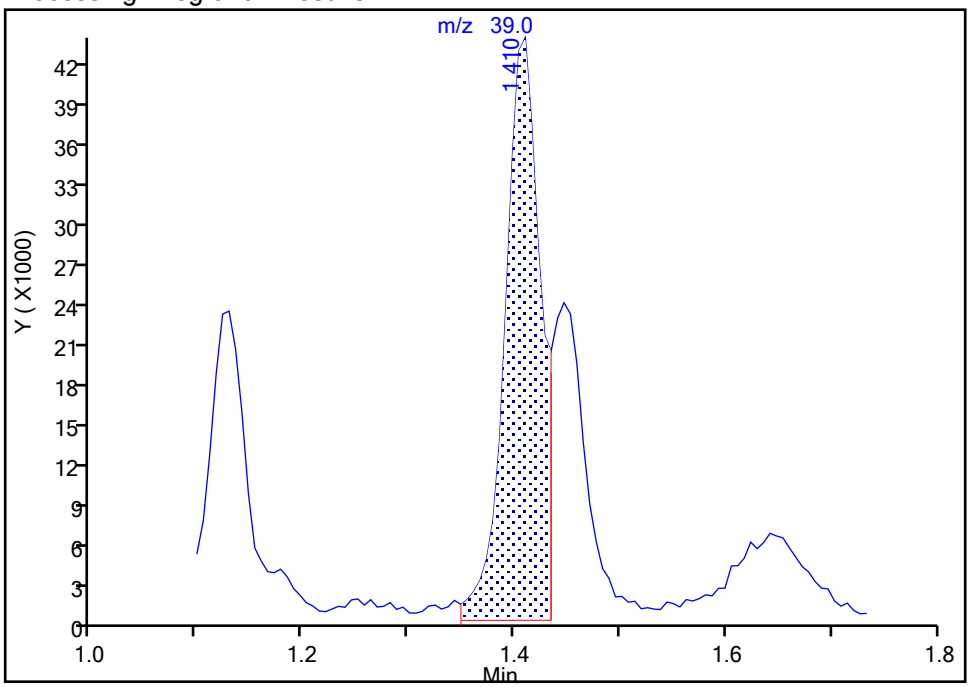
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85461.D
Injection Date: 09-Apr-2022 05:30:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

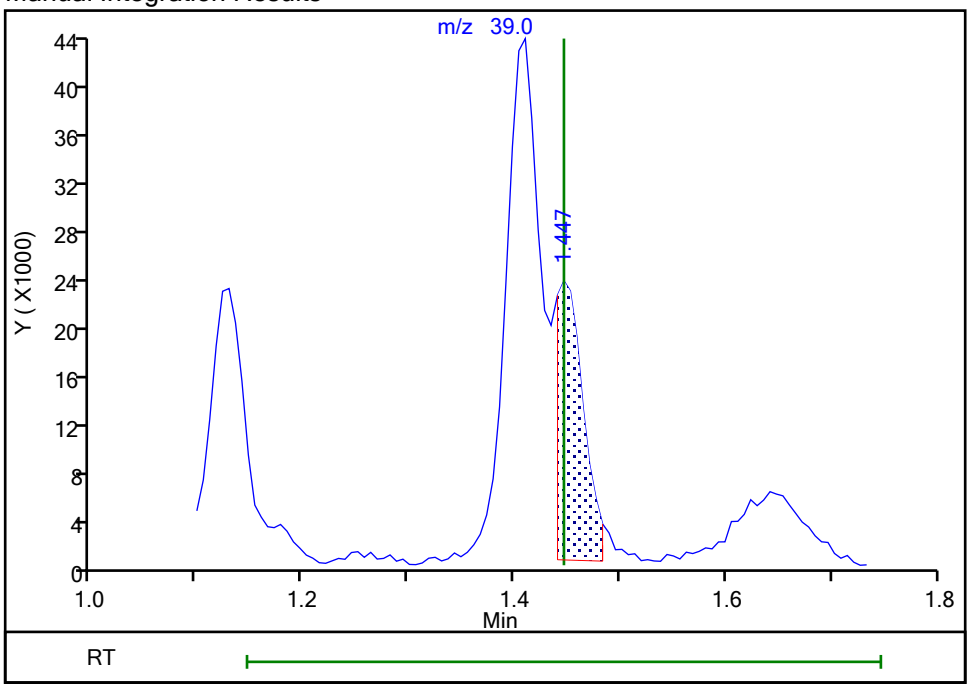
Processing Integration Results

RT: 1.41
Area: 102224
Amount: 506.2630
Amount Units: ug/l



Manual Integration Results

RT: 1.45
Area: 40678
Amount: 201.4572
Amount Units: ug/l



Reviewer: tupayachia, 09-Apr-2022 05:53:25
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

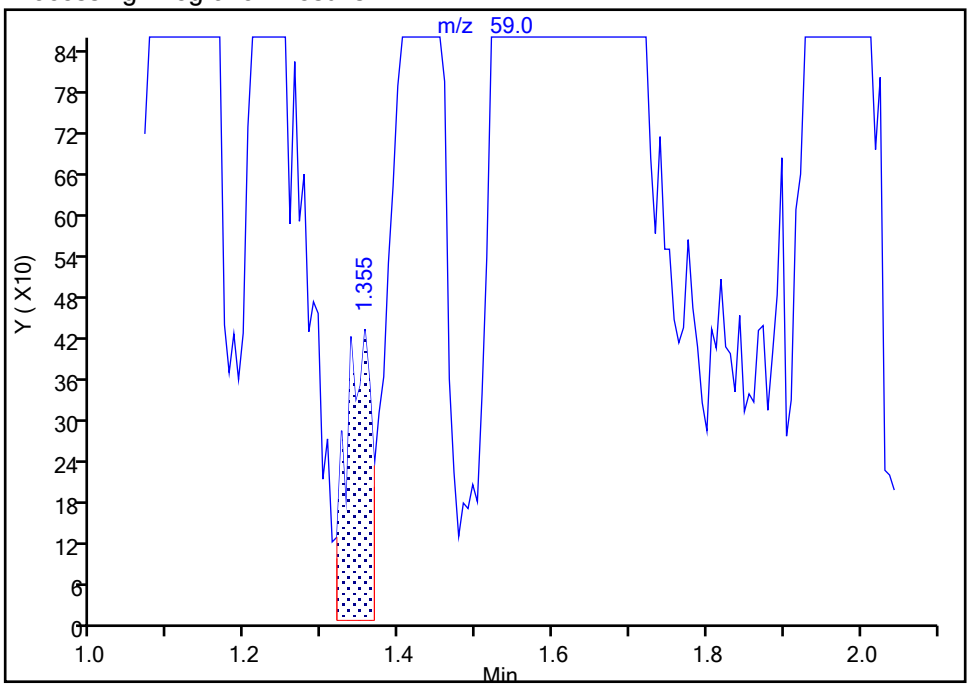
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85461.D
Injection Date: 09-Apr-2022 05:30:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

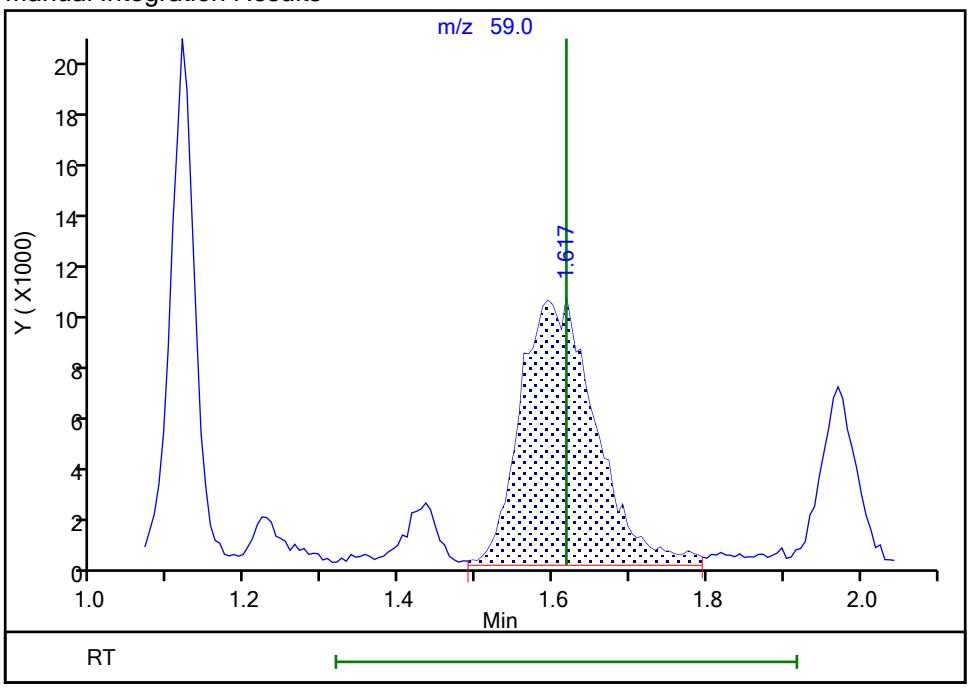
Processing Integration Results

RT: 1.36
Area: 966
Amount: 2.777229
Amount Units: ug/l



Manual Integration Results

RT: 1.62
Area: 71051
Amount: 204.2701
Amount Units: ug/l



Reviewer: tupayachia, 09-Apr-2022 05:53:07
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

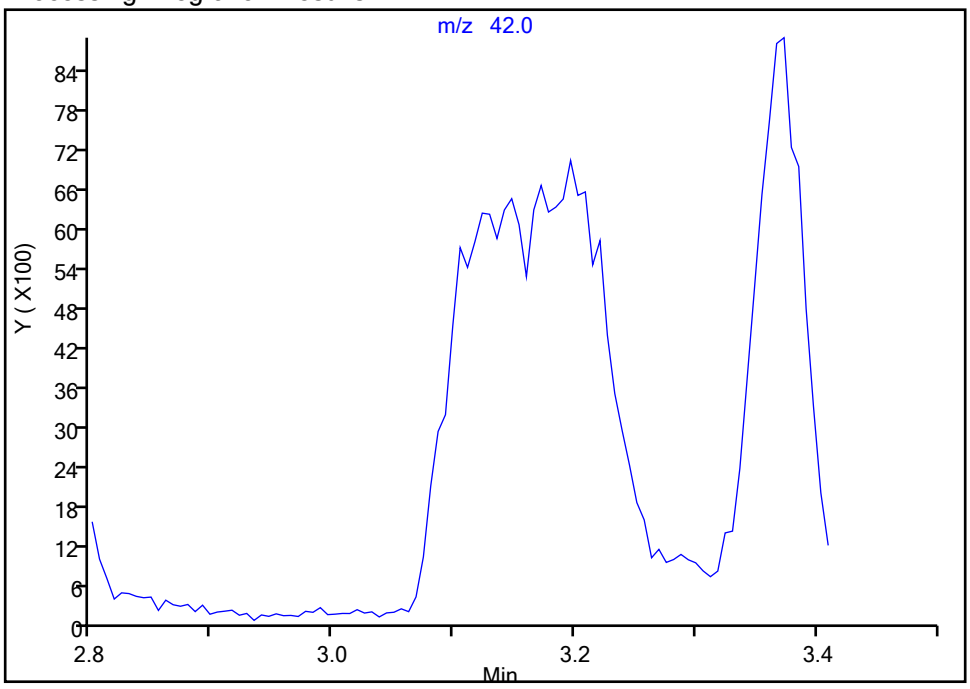
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85461.D
Injection Date: 09-Apr-2022 05:30:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

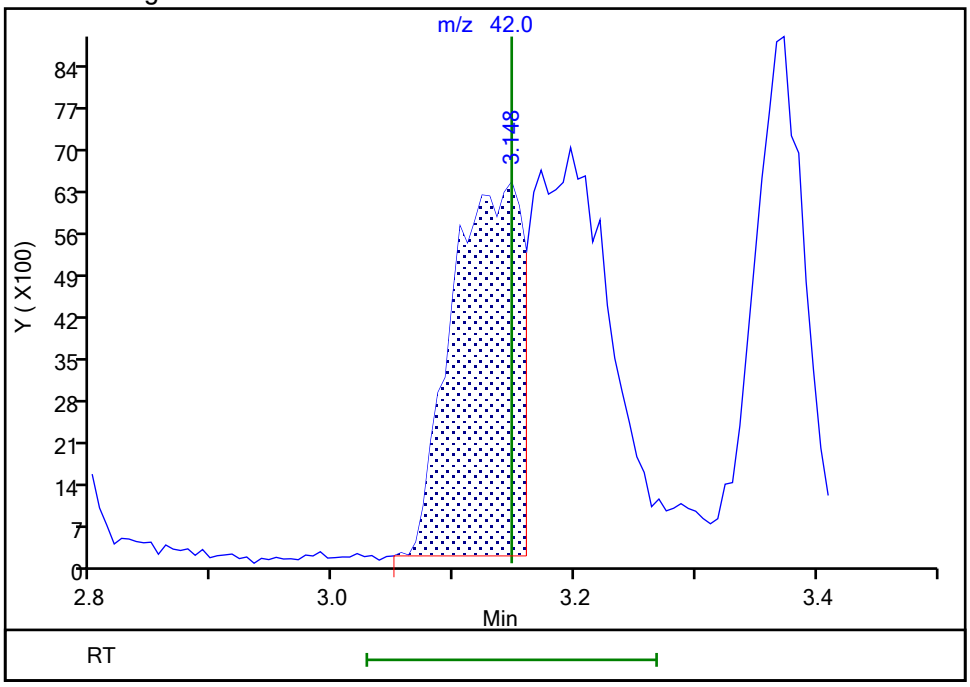
Not Detected
Expected RT: 3.15

Processing Integration Results



Manual Integration Results

RT: 3.15
Area: 25802
Amount: 320.1588
Amount Units: ug/l



Reviewer: tupayachia, 09-Apr-2022 05:53:38
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

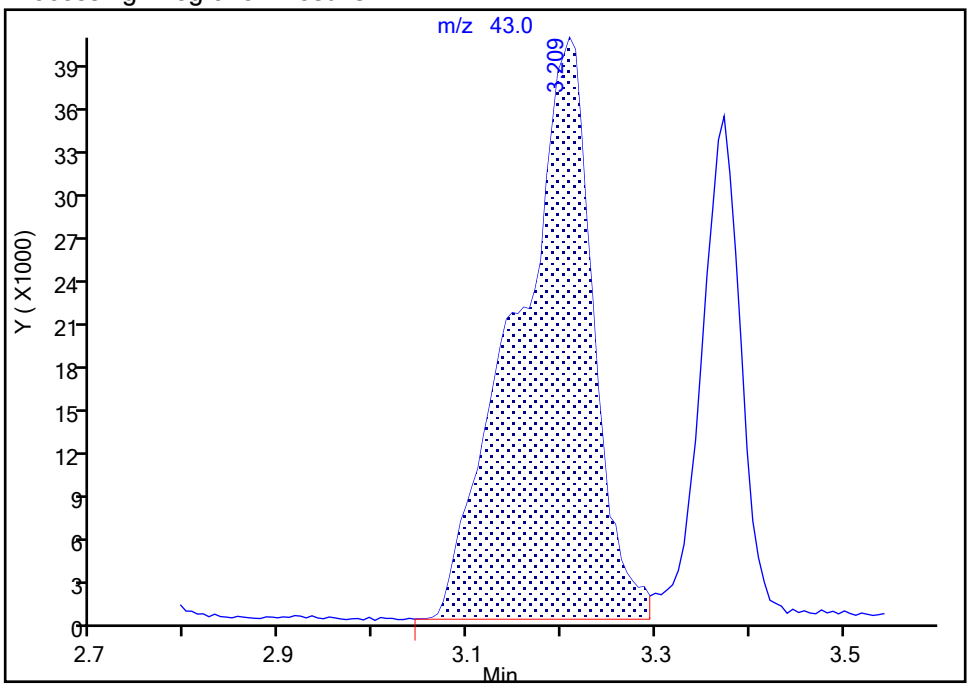
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85461.D
Injection Date: 09-Apr-2022 05:30:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

73 Isopropyl acetate, CAS: 108-21-4

Signal: 1

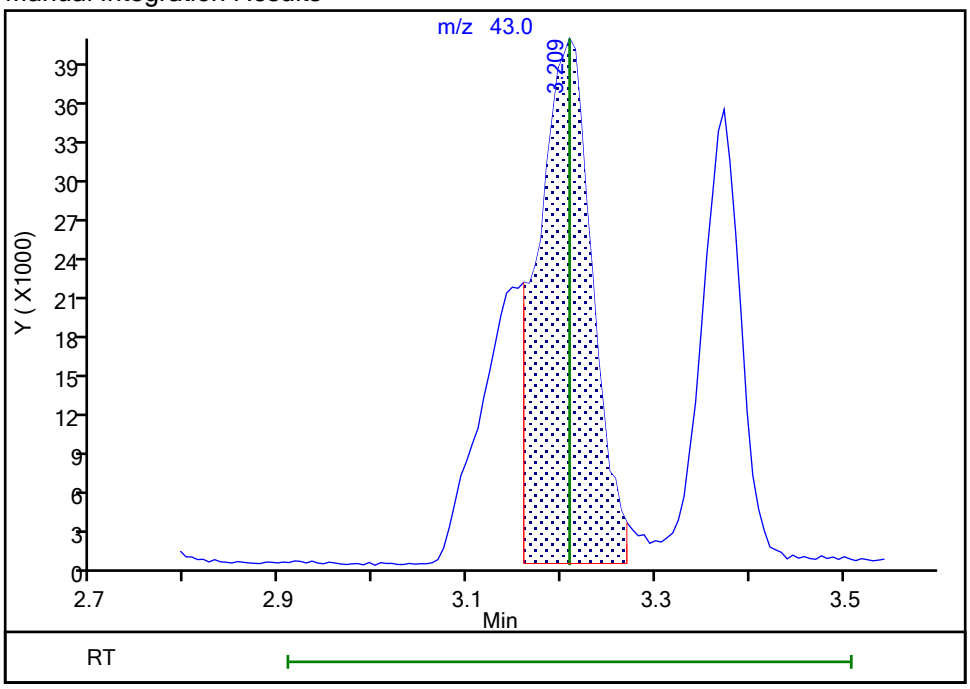
Processing Integration Results

RT: 3.21
Area: 228262
Amount: 24.282462
Amount Units: ug/l



Manual Integration Results

RT: 3.21
Area: 162469
Amount: 17.283417
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 11:17:18
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

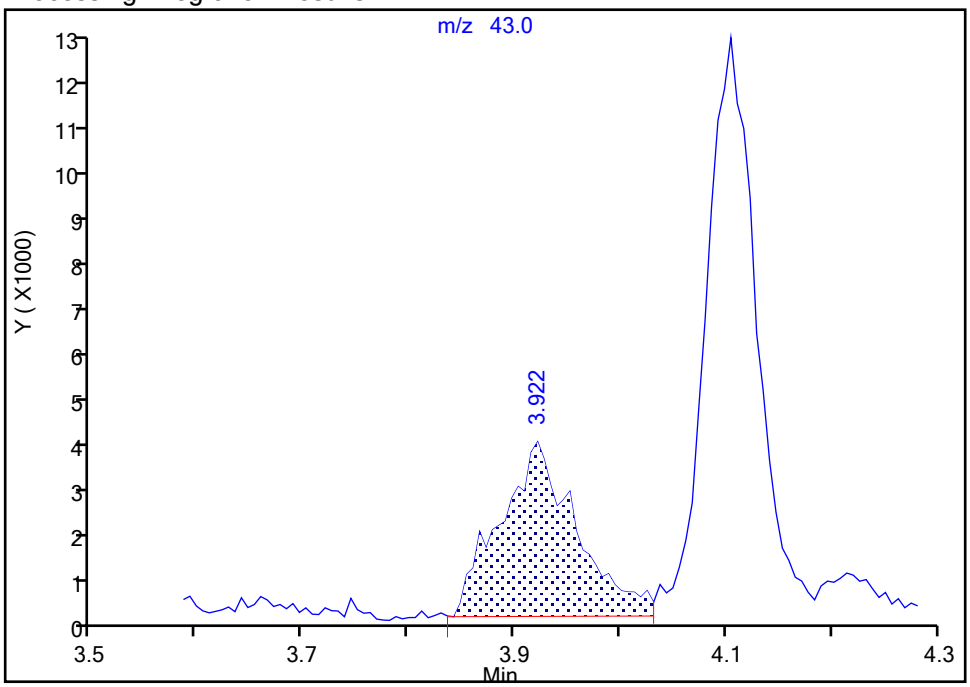
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85461.D
Injection Date: 09-Apr-2022 05:30:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 n-Butanol, CAS: 71-36-3

Signal: 1

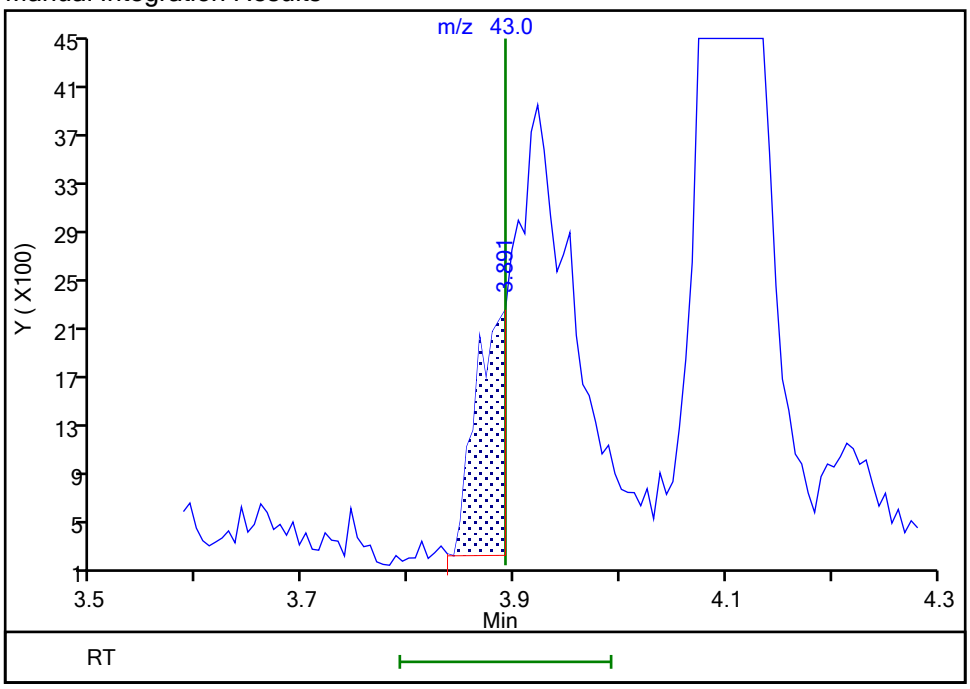
Processing Integration Results

RT: 3.92
Area: 18442
Amount: 654.2325
Amount Units: ug/l



Manual Integration Results

RT: 3.89
Area: 4099
Amount: 148.0097
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 11:17:34
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

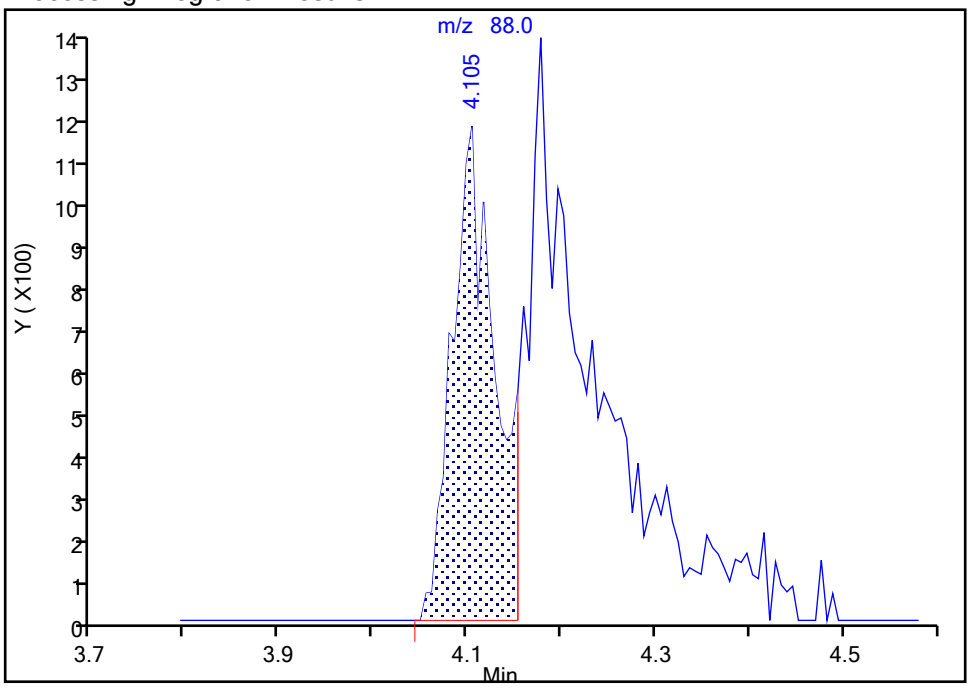
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85461.D
Injection Date: 09-Apr-2022 05:30:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

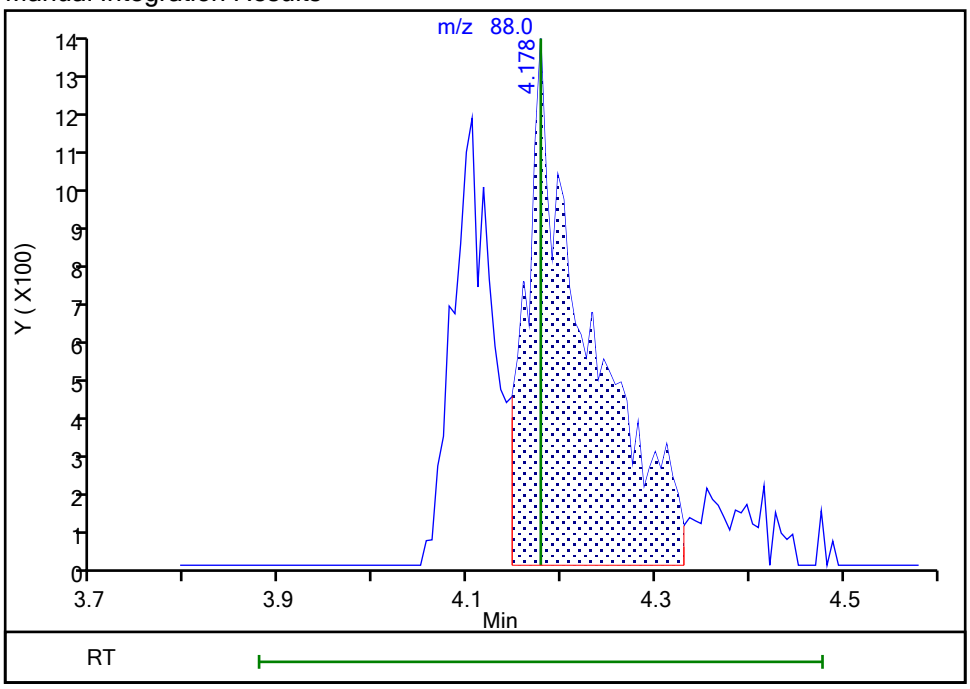
Processing Integration Results

RT: 4.10
Area: 3545
Amount: 229.6027
Amount Units: ug/l



Manual Integration Results

RT: 4.18
Area: 6025
Amount: 384.0153
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 11:17:43
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

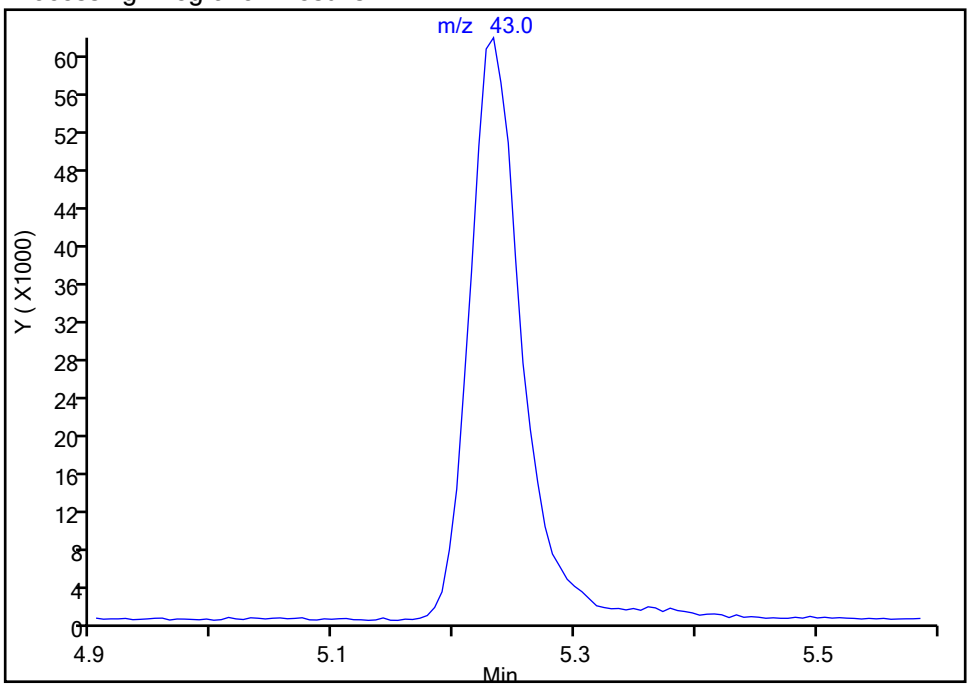
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85461.D
Injection Date: 09-Apr-2022 05:30:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

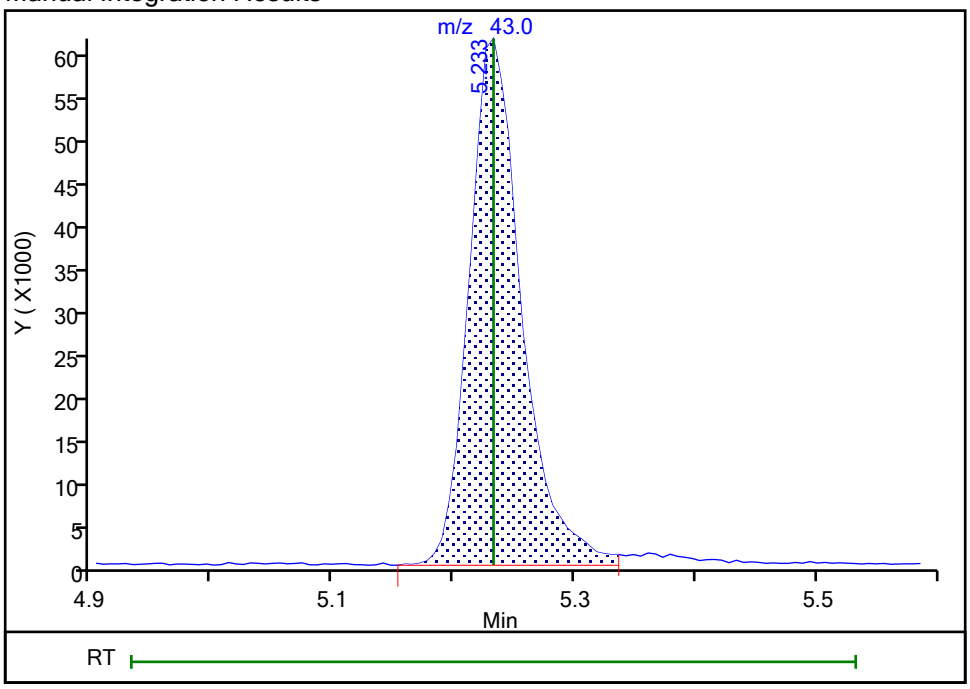
Not Detected
Expected RT: 5.23

Processing Integration Results



Manual Integration Results

RT: 5.23
Area: 185851
Amount: 86.630230
Amount Units: ug/l



Reviewer: tupayachia, 09-Apr-2022 05:54:24
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

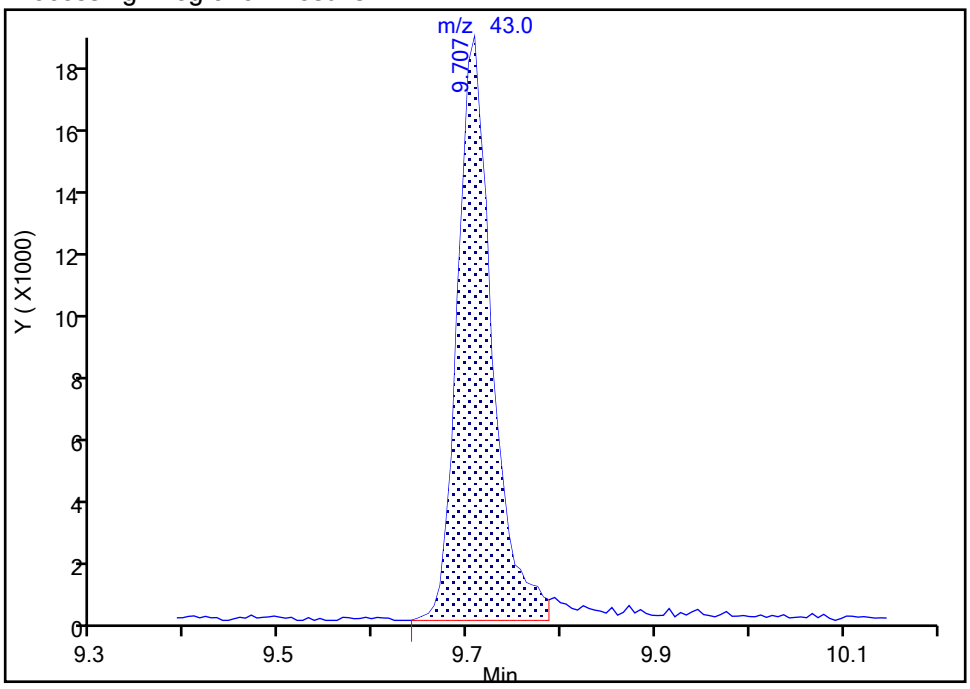
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85461.D
Injection Date: 09-Apr-2022 05:30:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

101 Amyl acetate (mixed isomers), CAS: 628-63-7

Signal: 1

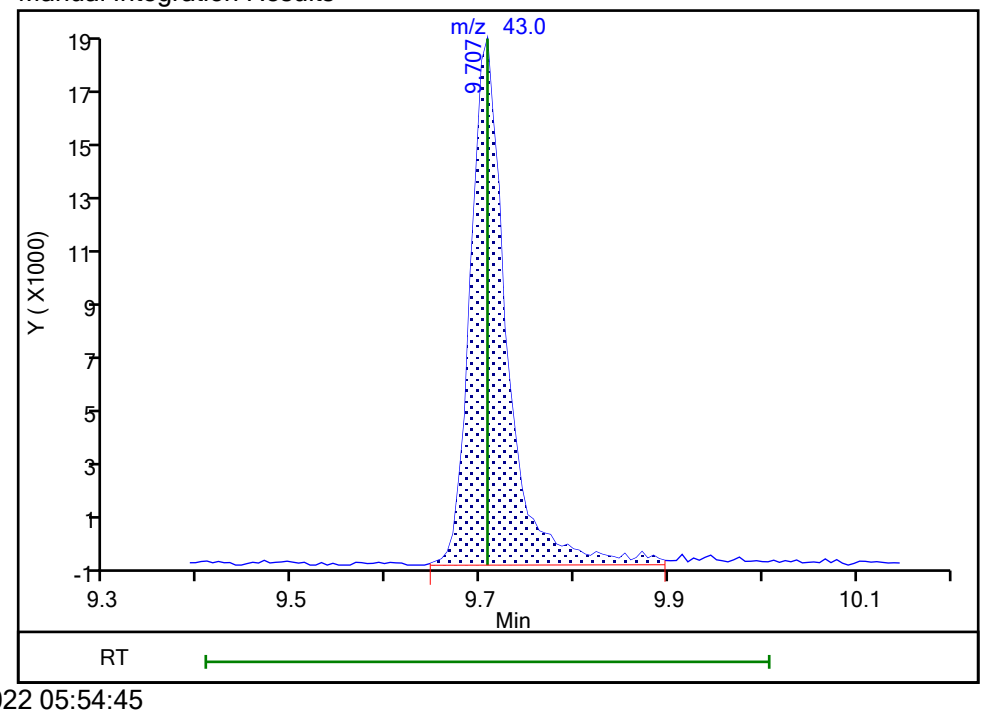
Processing Integration Results

RT: 9.71
Area: 46399
Amount: 15.134534
Amount Units: ug/l



Manual Integration Results

RT: 9.71
Area: 48682
Amount: 15.877626
Amount Units: ug/l



Reviewer: tupayachia, 09-Apr-2022 05:54:45
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

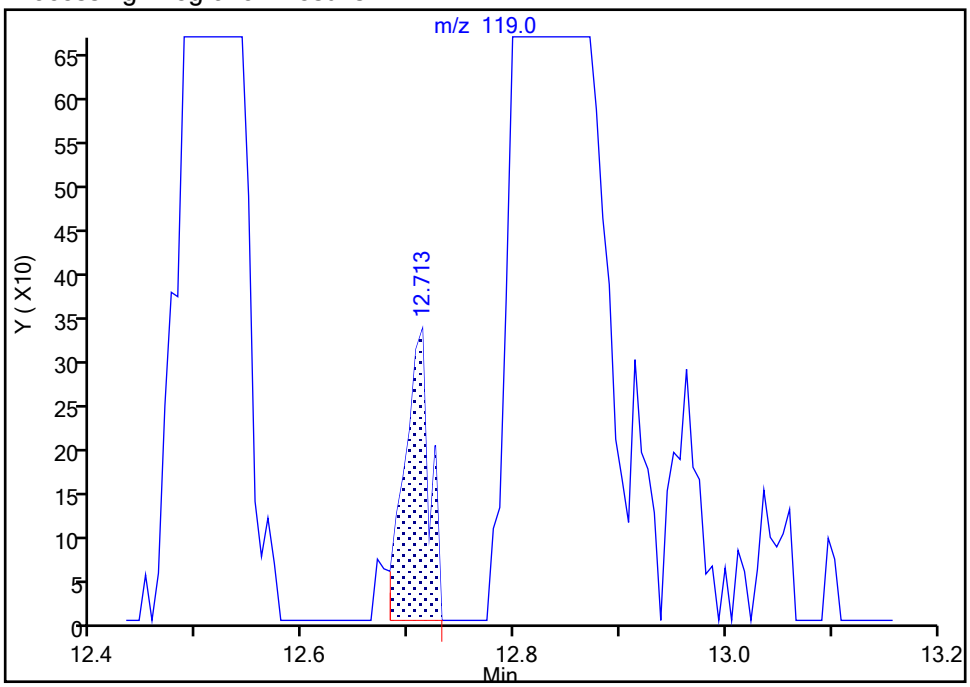
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85461.D
Injection Date: 09-Apr-2022 05:30:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Signal: 1

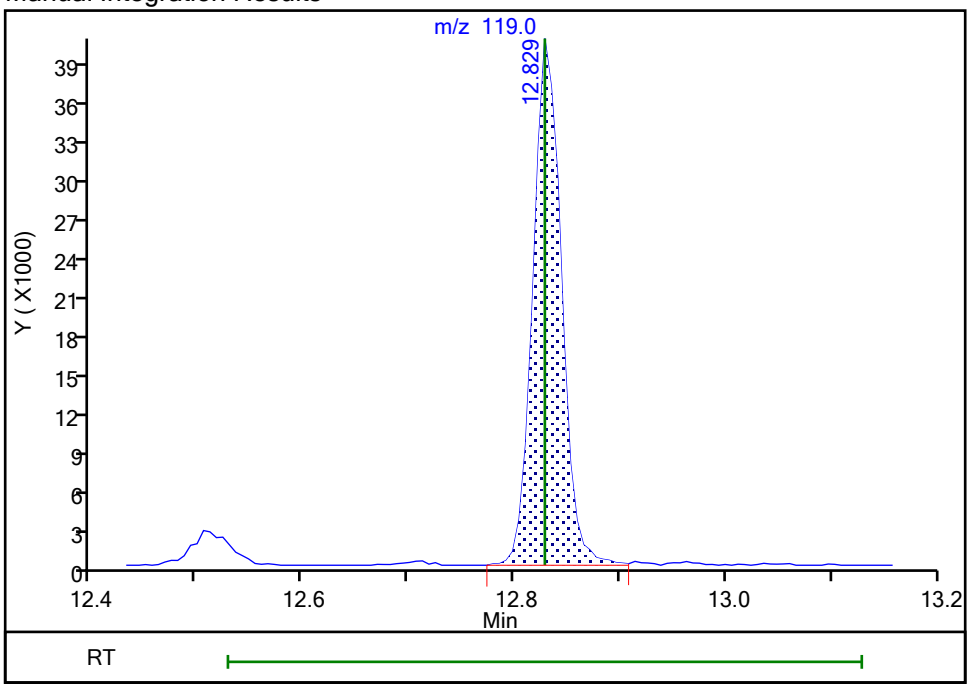
Processing Integration Results

RT: 12.71
Area: 544
Amount: 0.661895
Amount Units: ug/l



Manual Integration Results

RT: 12.83
Area: 75374
Amount: 17.743614
Amount Units: ug/l



Reviewer: tupayachia, 09-Apr-2022 05:55:07
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47425.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 30-Mar-2022 23:37:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0143422-001
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Mar-2022 17:59:30 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: boykink Date: 31-Mar-2022 00:16:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 BFB	95	3.157	3.157	0.000	91	123119	NR	NR	a

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

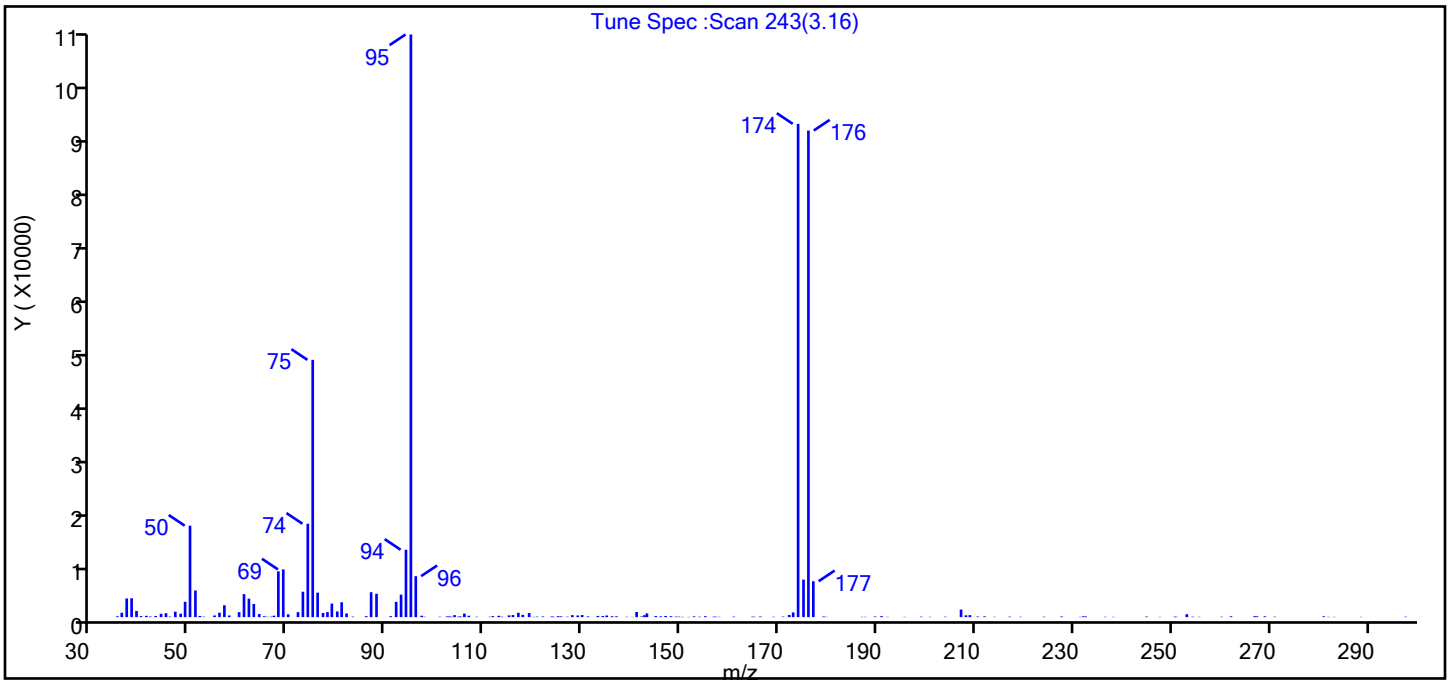
BFB_00031 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47425.D
Injection Date: 30-Mar-2022 23:37:30 Instrument ID: CVOAMS11
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.7
75	30 to 60% of m/z 95	44.2
96	5 to 9% of m/z 95	7.0
173	Less than 2% of m/z 174	0.8 (1.0)
174	50 to 120% of m/z 95	84.7
175	5 to 9% of m/z 174	6.4 (7.6)
176	Greater than 95% but less than 101% of m/z 174	83.5 (98.6)
177	5 to 9% of m/z 176	6.2 (7.4)

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47425.D\8260W_11.rslt\spectra.d
Injection Date: 30-Mar-2022 23:37:30
Spectrum: Tune Spec :Scan 243(3.16)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 171

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	156	80.00	1044	128.00	363	187.00	59
36.00	801	81.00	2722	129.00	304	188.00	61
37.00	3418	82.00	667	130.00	388	190.00	119
38.00	3460	83.00	100	131.00	131	191.00	178
39.00	1135	86.00	185	133.00	226	192.00	54
40.00	196	87.00	4562	134.00	199	196.00	52
41.00	245	88.00	4274	135.00	299	199.00	93
42.00	115	91.00	182	136.00	172	201.00	59
43.00	220	92.00	2798	137.00	155	204.00	77
44.00	623	93.00	4124	139.00	69	207.00	1391
45.00	717	94.00	12327	140.00	52	208.00	336
46.00	92	95.00	106616	141.00	946	209.00	370
47.00	998	96.00	7500	142.00	117	210.00	113
48.00	627	97.00	263	143.00	363	212.00	140
49.00	2819	98.00	70	143.00	687	214.00	63
50.00	16736	101.00	72	145.00	197	217.00	93
51.00	4869	102.00	130	146.00	145	219.00	67
52.00	225	103.00	120	147.00	218	224.00	78
53.00	84	103.00	87	148.00	168	228.00	122
55.00	305	104.00	368	149.00	94	231.00	57
56.00	811	105.00	83	150.00	89	232.00	145
57.00	2175	105.00	91	150.00	58	232.00	132
58.00	304	105.00	81	152.00	50	236.00	66
60.00	911	106.00	654	153.00	138	238.00	57
61.00	4210	107.00	253	154.00	84	245.00	115
62.00	3382	108.00	73	155.00	174	248.00	54
63.00	2416	111.00	72	157.00	58	251.00	67
64.00	560	112.00	189	157.00	101	251.00	87
65.00	166	113.00	249	158.00	63	253.00	530
66.00	68	114.00	81	161.00	98	254.00	86
66.00	86	115.00	329	165.00	83	256.00	60
67.00	263	116.00	383	165.00	62	260.00	74
68.00	8379	117.00	793	166.00	116	262.00	157

Report Date: 31-Mar-2022 17:59:31 Chrom Revision: 2.3 18-Mar-2022 09:07:22
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47425.D\8260W_11.rslt\spectra.d
Injection Date: 30-Mar-2022 23:37:30
Spectrum: Tune Spec :Scan 243(3.16)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 171

m/z	Y	m/z	Y	m/z	Y	m/z	Y
69.00	8732	118.00	424	169.00	73	267.00	167
70.00	519	119.00	745	171.00	89	267.00	154
72.00	914	120.00	51	172.00	394	269.00	156
73.00	4650	121.00	96	173.00	870	271.00	88
74.00	17088	122.00	122	174.00	90264	281.00	149
75.00	47080	124.00	121	175.00	6872	282.00	61
76.00	4482	124.00	69	176.00	89040	283.00	55
77.00	765	125.00	180	177.00	6572	289.00	55
78.00	921	126.00	135	179.00	126	298.00	84
79.00	2482	127.00	80	180.00	53		

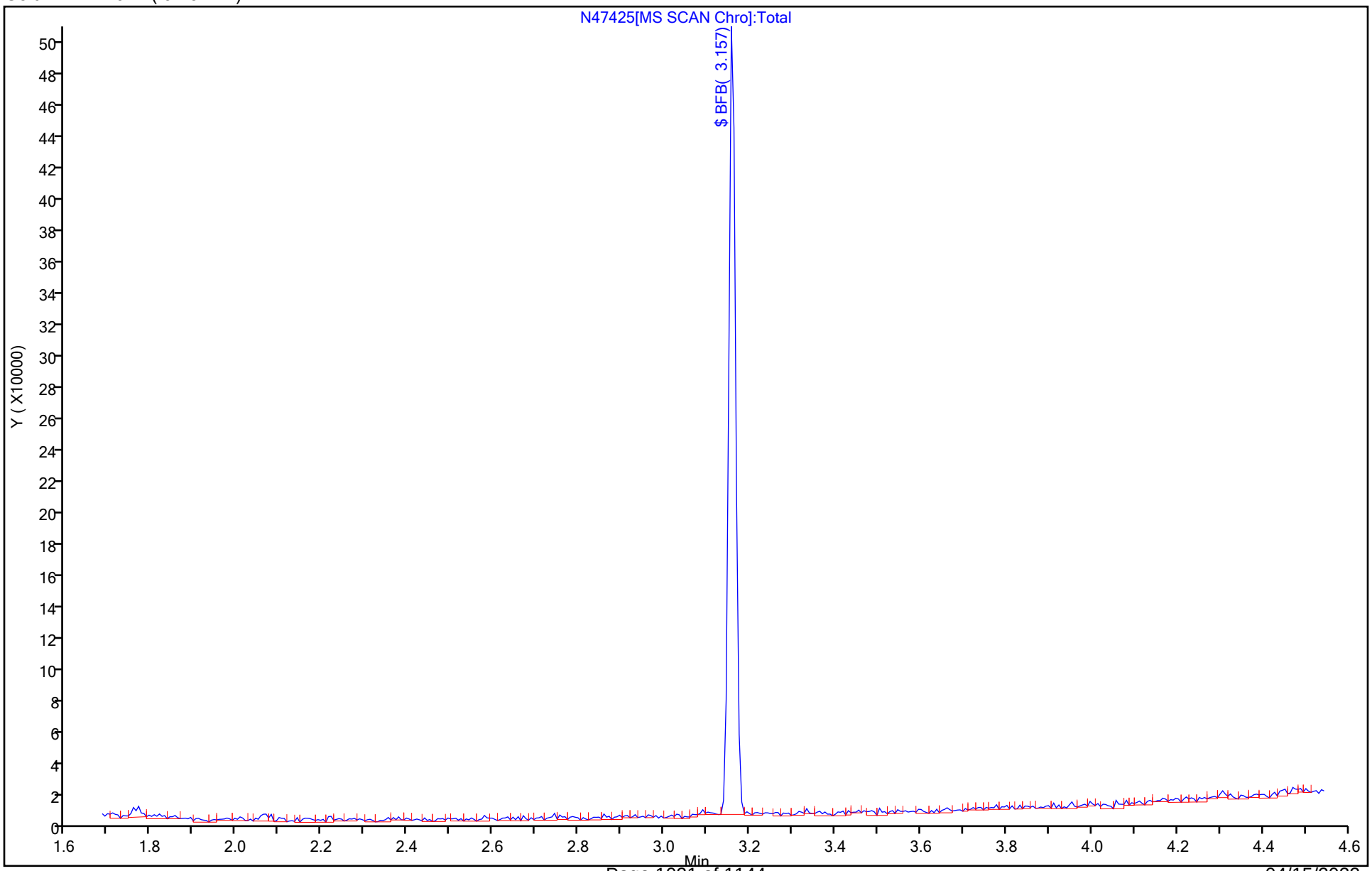
Report Date: 31-Mar-2022 17:59:31 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47425.D

Injection Date:	30-Mar-2022 23:37:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85232.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 05-Apr-2022 06:31:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0143585-001
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 05-Apr-2022 18:49:34 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: tupayachia Date: 05-Apr-2022 06:37:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 137 BFB	95	1.743	1.743	0.000	0	170699	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

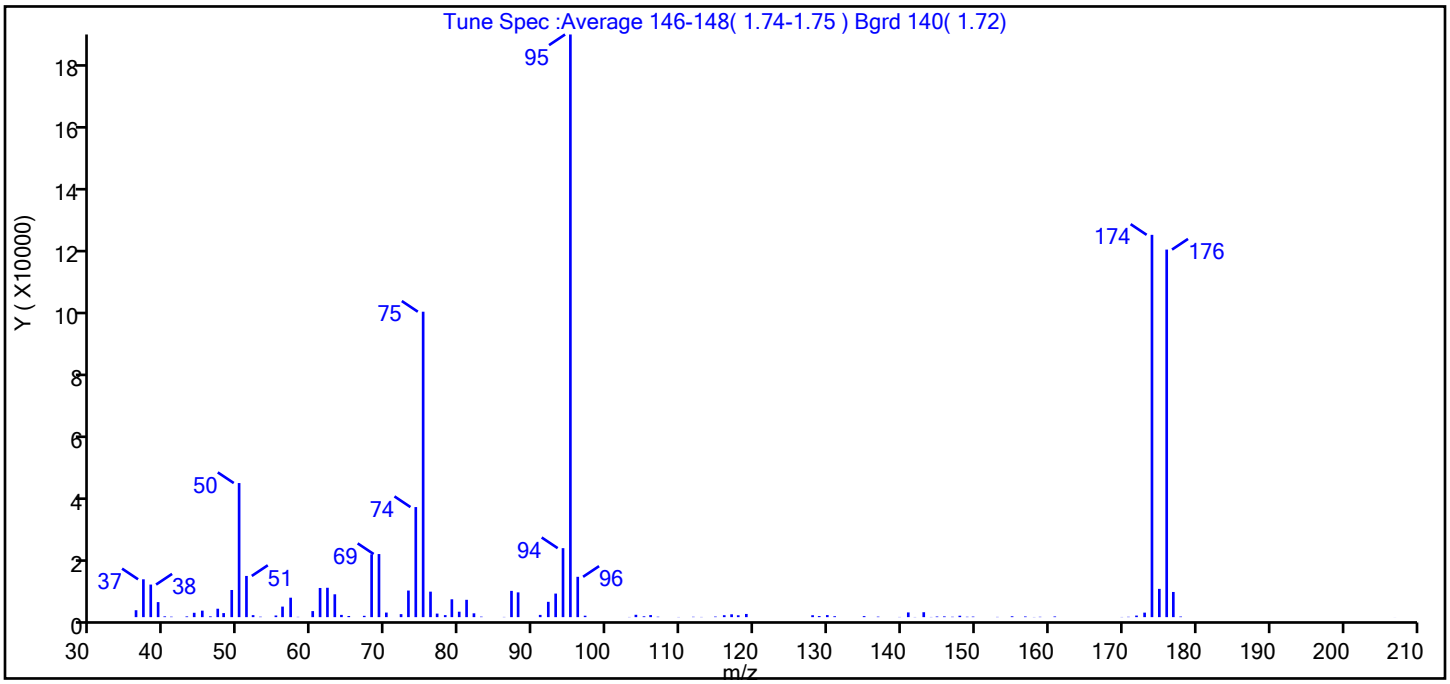
BFB_00031 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85232.D
Injection Date: 05-Apr-2022 06:31:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260

$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	23.0
75	30 to 60% of m/z 95	52.4
96	5 to 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.8 (1.2)
174	50 to 120% of m/z 95	65.6
175	5 to 9% of m/z 174	4.9 (7.4)
176	Greater than 95% but less than 101% of m/z 174	63.1 (96.1)
177	5 to 9% of m/z 176	4.3 (6.8)

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85232.D\8260S_2.rslt\spectra.d
Injection Date: 05-Apr-2022 06:31:30
Spectrum: Tune Spec :Average 146-148(1.74-1.75) Bgrd 140(1.72)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 99

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2169	64.00	706	95.00	182720	143.00	1544
37.00	11868	65.00	356	96.00	12650	144.00	59
38.00	10216	67.00	416	97.00	452	145.00	199
39.00	4714	68.00	19712	103.00	57	146.00	232
40.00	247	69.00	19784	104.00	741	147.00	122
41.00	146	70.00	1435	105.00	262	148.00	443
43.00	233	72.00	943	106.00	654	149.00	121
44.00	1368	73.00	8340	107.00	129	150.00	173
45.00	2039	74.00	34520	110.00	54	153.00	77
46.00	240	75.00	95784	112.00	114	155.00	268
47.00	2640	76.00	7995	113.00	62	157.00	213
48.00	1270	77.00	1115	115.00	180	158.00	51
49.00	8516	78.00	632	116.00	608	159.00	108
50.00	42048	79.00	5601	117.00	893	161.00	215
51.00	12921	80.00	1705	118.00	587	170.00	56
52.00	631	81.00	5437	119.00	1003	171.00	107
53.00	136	82.00	1199	128.00	601	172.00	495
55.00	518	83.00	154	129.00	339	173.00	1414
56.00	3306	86.00	67	130.00	642	174.00	119888
57.00	6101	87.00	8241	131.00	288	175.00	8865
58.00	88	88.00	7767	135.00	318	176.00	115264
60.00	1896	91.00	704	137.00	162	177.00	7895
61.00	9148	92.00	4804	140.00	62	178.00	185
62.00	9211	93.00	7389	141.00	1481	207.00	13
63.00	7165	94.00	21632	142.00	52		

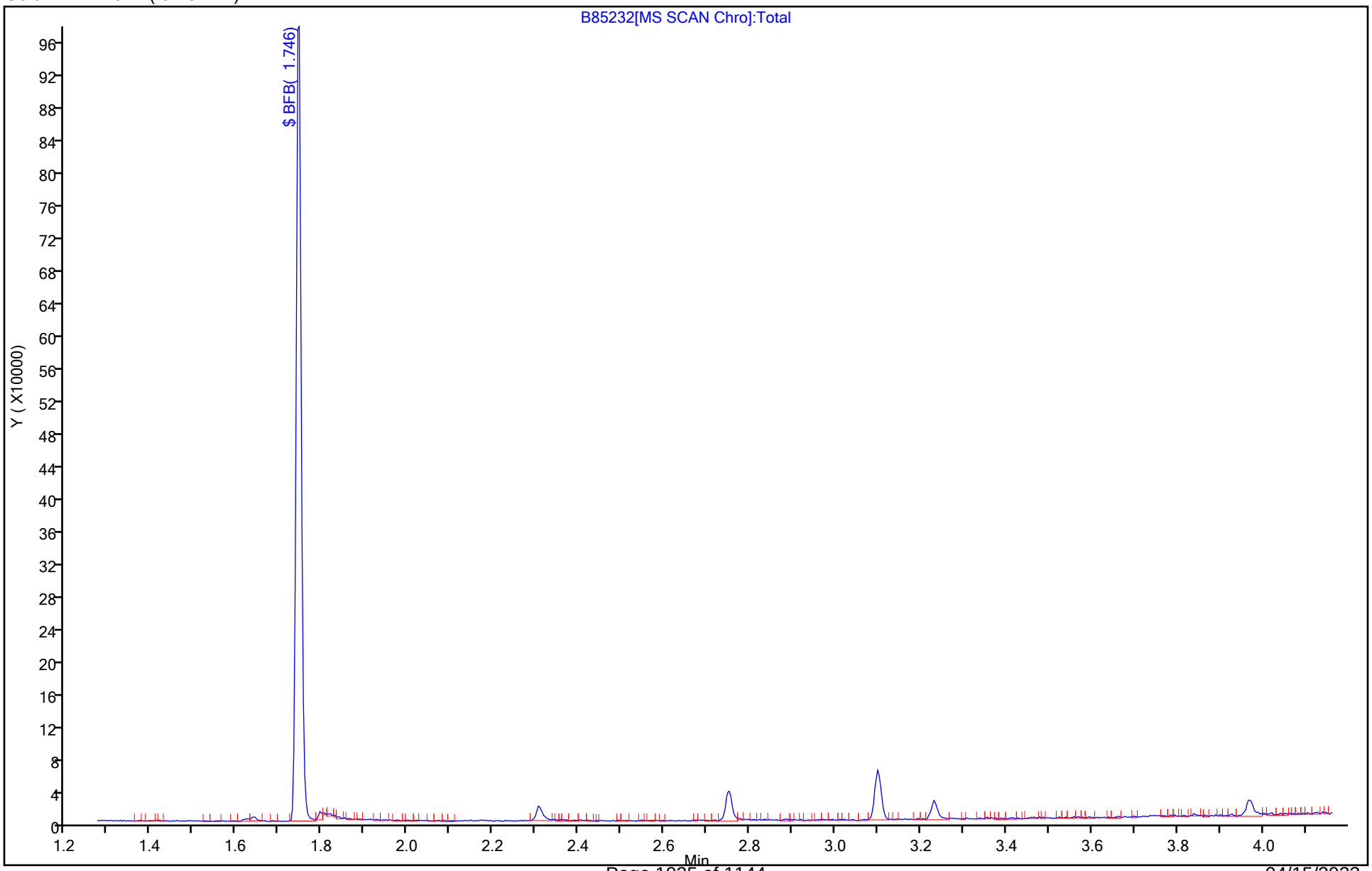
Report Date: 05-Apr-2022 18:49:34 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85232.D

Injection Date:	05-Apr-2022 06:31:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-838022/9

Matrix: Water | Lab File ID: N47695.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/08/2022 08:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 838022 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
123-91-1	1,4-Dioxane	28	U	50	28
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-838022/9

Matrix: Water | Lab File ID: N47695.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/08/2022 08:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 838022 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		75-123
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	118		77-124
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47695.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 08-Apr-2022 08:46:30 ALS Bottle#: 25 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0143765-009
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-Apr-2022 09:06:43 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1621

First Level Reviewer: moroneyc Date: 08-Apr-2022 09:06:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.892	2.892	0.000	0	34042	1000.0	1000.0	
* 43 2-Butanone-d5	46	3.914	3.914	0.000	0	170959	250.0	250.0	
$ 56 Dibromofluoromethane (Surr)	113	4.370	4.370	0.000	0	163315	50.0	59.1	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.711	4.711	0.000	0	143034	50.0	56.1	
* 67 Fluorobenzene	96	4.972	4.972	0.000	0	464204	50.0	50.0	
* 73 1,4-Dioxane-d8	96	5.648	5.654	-0.006	0	26738	1000.0	1000.0	
$ 84 Toluene-d8 (Surr)	98	6.603	6.603	0.000	0	501104	50.0	51.8	
* 95 Chlorobenzene-d5	117	8.361	8.361	0.000	0	388862	50.0	50.0	
$ 106 4-Bromofluorobenzene	174	9.839	9.839	0.000	0	149390	50.0	53.0	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	0	229990	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00226 Amount Added: 1.00 Units: uL Run Reagent

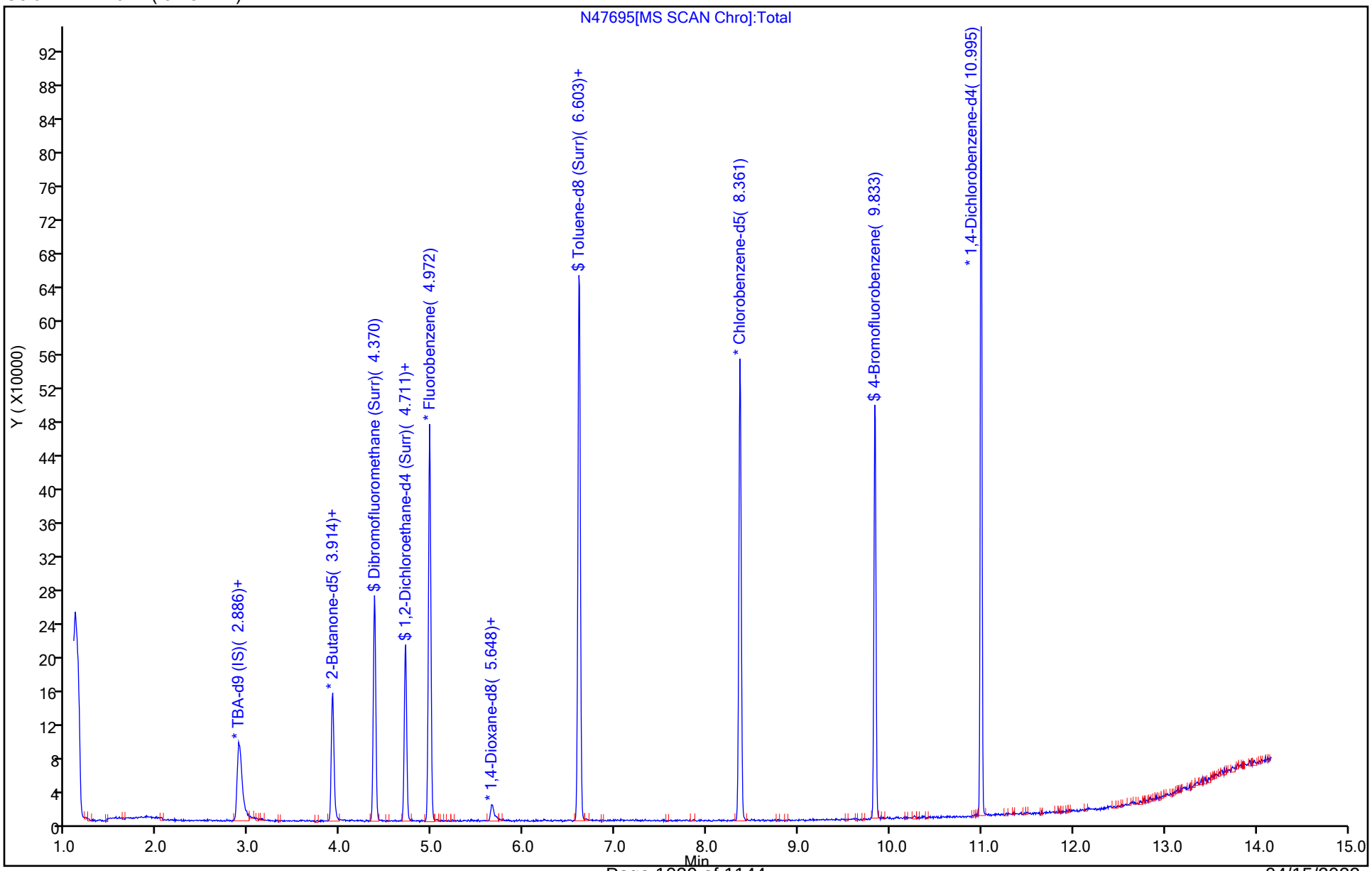
Report Date: 08-Apr-2022 09:06:43 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47695.D

Injection Date:	08-Apr-2022 08:46:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	MB			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47695.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 08-Apr-2022 08:46:30 ALS Bottle#: 25 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0143765-009
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-Apr-2022 09:06:43 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1621

First Level Reviewer: moroneyc Date: 08-Apr-2022 09:06:43

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	59.1	118.13
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	56.1	112.24
$ 84 Toluene-d8 (Surr)	50.0	51.8	103.68
$ 106 4-Bromofluorobenzene	50.0	53.0	105.99

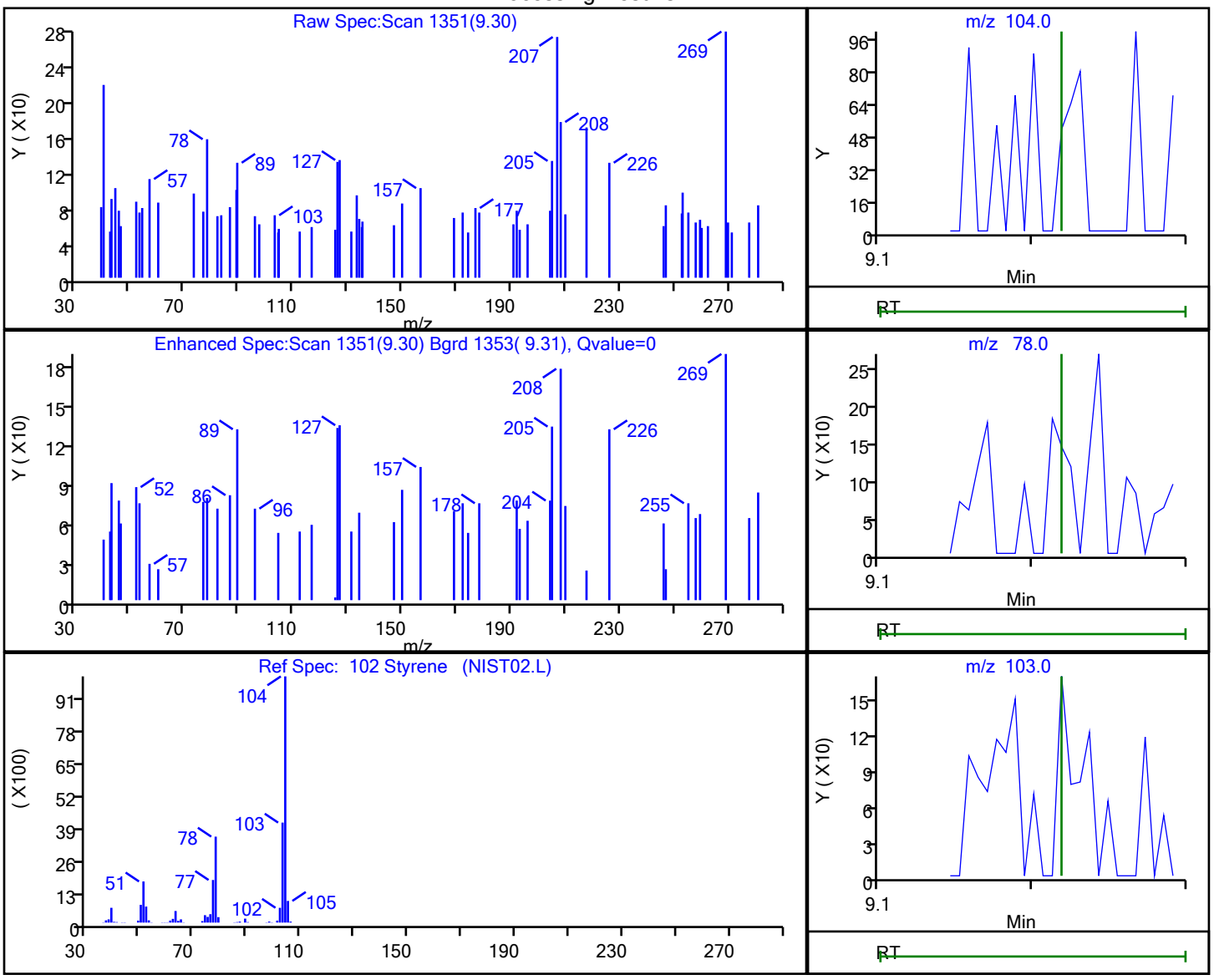
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47695.D
Injection Date: 08-Apr-2022 08:46:30 Instrument ID: CVOAMS11
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 25 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

102 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
9.30	104.00	63	0.442843
9.30	78.00	216	
9.30	103.00	44	

Reviewer: moroneyc, 08-Apr-2022 09:06:19
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-838140/9

Matrix: Solid | Lab File ID: B85437.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/08/2022 18:39

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.00021	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.00023	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036
95-63-6	1,2,4-Trimethylbenzene	0.00025	U	0.0010	0.00025
78-87-5	1,2-Dichloropropane	0.00042	U	0.0010	0.00042
108-67-8	1,3,5-Trimethylbenzene	0.00031	U	0.0010	0.00031
541-73-1	1,3-Dichlorobenzene	0.00037	U	0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.00037	U	0.0050	0.00037
591-78-6	2-Hexanone	0.0017	U	0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016
67-64-1	Acetone	0.0057	U	0.0060	0.0057
71-43-2	Benzene	0.00026	U	0.0010	0.00026
75-25-2	Bromoform	0.00043	U	0.0010	0.00043
74-83-9	Bromomethane	0.0010	U	0.0020	0.0010
75-15-0	Carbon disulfide	0.00027	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.00039	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.00018	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.00028	U	0.0010	0.00028
124-48-1	Chlorodibromomethane	0.00019	U	0.0010	0.00019
75-00-3	Chloroethane	0.00052	U	0.0010	0.00052
67-66-3	Chloroform	0.00097	U	0.0010	0.00097
74-87-3	Chloromethane	0.00044	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.00036	U	0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
110-82-7	Cyclohexane	0.00022	U	0.0010	0.00022
75-27-4	Dichlorobromomethane	0.00026	U	0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.00034	U	0.0010	0.00034
100-41-4	Ethylbenzene	0.00020	U	0.0010	0.00020
106-93-4	Ethylene Dibromide	0.00018	U	0.0010	0.00018

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-838140/9

Matrix: Solid | Lab File ID: B85437.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/08/2022 18:39

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	0.00029	U	0.0010	0.00029
79-20-9	Methyl acetate	0.0043	U	0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.00051	U	0.0010	0.00051
108-87-2	Methylcyclohexane	0.00050	U	0.0010	0.00050
75-09-2	Methylene Chloride	0.0011	U	0.0020	0.0011
179601-23-1	m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017
104-51-8	n-Butylbenzene	0.00029	U	0.0010	0.00029
103-65-1	N-Propylbenzene	0.00018	U	0.0010	0.00018
95-47-6	o-Xylene	0.00019	U	0.0010	0.00019
135-98-8	sec-Butylbenzene	0.00029	U	0.0010	0.00029
100-42-5	Styrene	0.00028	U	0.0010	0.00028
107-06-2	1,2-Dichloroethane	0.00030	U	0.0010	0.00030
98-06-6	tert-Butylbenzene	0.00028	U	0.0010	0.00028
95-50-1	1,2-Dichlorobenzene	0.00036	U	0.0010	0.00036
127-18-4	Tetrachloroethene	0.00031	U	0.0010	0.00031
96-12-8	1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046
108-88-3	Toluene	0.00023	U	0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
79-01-6	Trichloroethene	0.00032	U	0.0010	0.00032
75-69-4	Trichlorofluoromethane	0.00041	U	0.0010	0.00041
75-01-4	Vinyl chloride	0.00055	U	0.0010	0.00055
1330-20-7	Xylenes, Total	0.00064	U	0.0020	0.00064

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		77-145
460-00-4	4-Bromofluorobenzene	100		70-139
1868-53-7	Dibromofluoromethane (Surr)	104		48-150
2037-26-5	Toluene-d8 (Surr)	98		80-120

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

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-838140/9

Matrix: Solid | Lab File ID: B85437.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/08/2022 18:39

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 838140 | Units: mg/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85437.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 08-Apr-2022 18:39:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0143790-009
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-Apr-2022 19:12:50 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: parekhv Date: 08-Apr-2022 19:12:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	1.550	1.544	0.006	0	346768	1000.0	1000.0	
* 40 2-Butanone-d5	46	2.288	2.282	0.006	0	290429	250.0	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.703	2.697	0.006	0	118686	50.0	52.1	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.983	2.977	0.006	0	138455	50.0	51.3	
* 60 Fluorobenzene	96	3.318	3.318	0.000	0	462826	50.0	50.0	
* 69 1,4-Dioxane-d8	96	4.123	4.135	-0.012	0	13019	1000.0	1000.0	
$ 79 Toluene-d8 (Surr)	98	5.288	5.288	0.000	0	397936	50.0	48.9	
* 91 Chlorobenzene-d5	117	7.647	7.647	0.000	0	280892	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	0	93291	50.0	50.1	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	0	132383	50.0	50.0	

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00227 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 08-Apr-2022 19:12:50 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85437.D

Injection Date: 08-Apr-2022 18:39:30 Instrument ID: CVOAMS2 Operator ID:

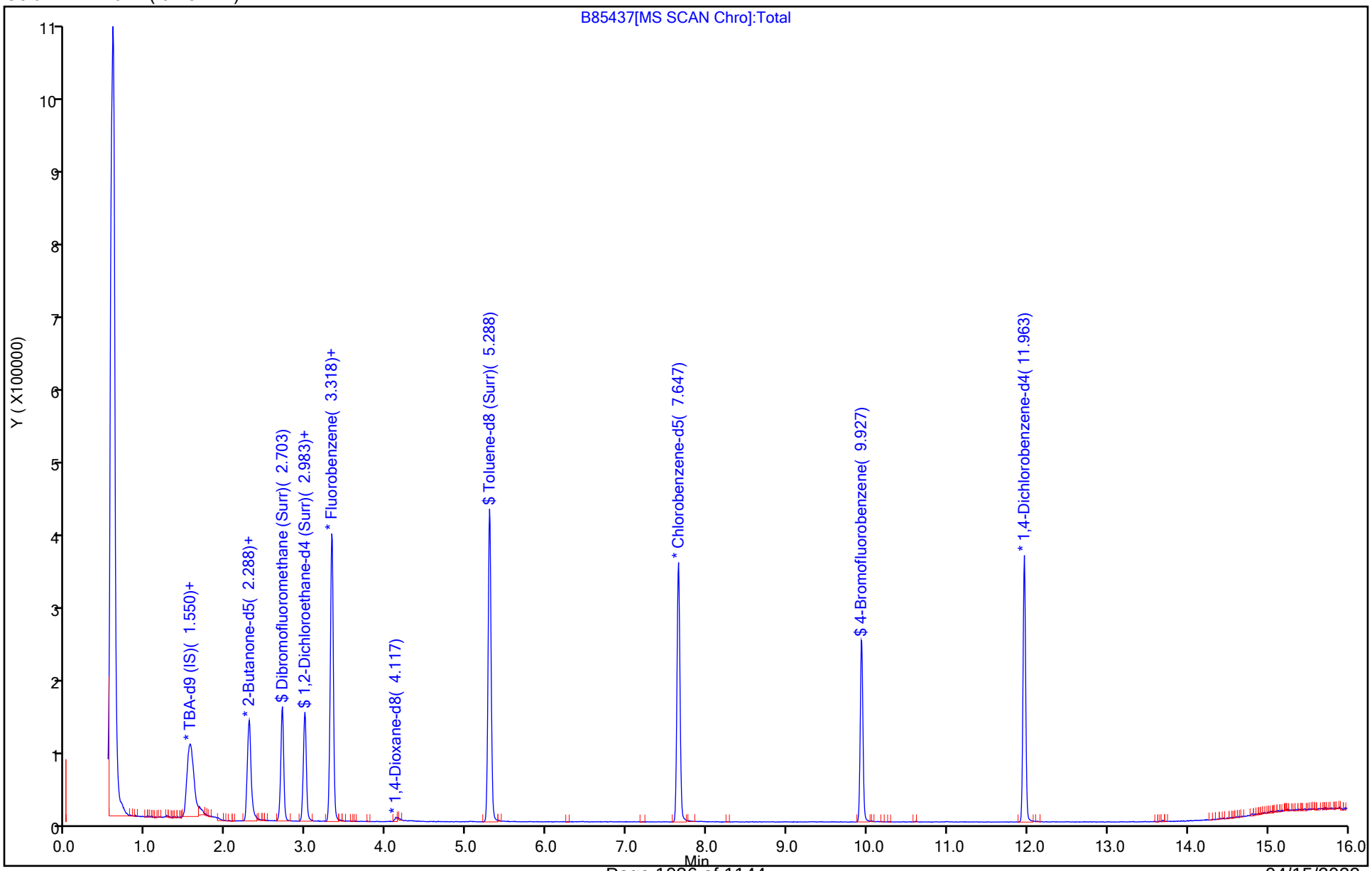
Lims ID: MB Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85437.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 08-Apr-2022 18:39:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0143790-009
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-Apr-2022 19:12:50 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: parekhv Date: 08-Apr-2022 19:12:50

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	52.1	104.14
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	51.3	102.54
$ 79 Toluene-d8 (Surr)	50.0	48.9	97.74
$ 103 4-Bromofluorobenzene	50.0	50.1	100.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-838227/7

Matrix: Solid | Lab File ID: B85466.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/09/2022 07:22

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 838227 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.00021	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.00023	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036
95-63-6	1,2,4-Trimethylbenzene	0.00025	U	0.0010	0.00025
78-87-5	1,2-Dichloropropane	0.00042	U	0.0010	0.00042
108-67-8	1,3,5-Trimethylbenzene	0.00031	U	0.0010	0.00031
541-73-1	1,3-Dichlorobenzene	0.00037	U	0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.00037	U	0.0050	0.00037
591-78-6	2-Hexanone	0.0017	U	0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016
67-64-1	Acetone	0.0057	U	0.0060	0.0057
71-43-2	Benzene	0.00026	U	0.0010	0.00026
75-25-2	Bromoform	0.00043	U	0.0010	0.00043
74-83-9	Bromomethane	0.0010	U	0.0020	0.0010
75-15-0	Carbon disulfide	0.00027	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.00039	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.00018	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.00028	U	0.0010	0.00028
124-48-1	Chlorodibromomethane	0.00019	U	0.0010	0.00019
75-00-3	Chloroethane	0.00052	U	0.0010	0.00052
67-66-3	Chloroform	0.00097	U	0.0010	0.00097
74-87-3	Chloromethane	0.00044	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.00036	U	0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
110-82-7	Cyclohexane	0.00022	U	0.0010	0.00022
75-27-4	Dichlorobromomethane	0.00026	U	0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.00034	U	0.0010	0.00034
100-41-4	Ethylbenzene	0.00020	U	0.0010	0.00020
106-93-4	Ethylene Dibromide	0.00018	U	0.0010	0.00018

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-838227/7

Matrix: Solid | Lab File ID: B85466.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/09/2022 07:22

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 838227 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	0.00029	U	0.0010	0.00029
79-20-9	Methyl acetate	0.0043	U	0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.00051	U	0.0010	0.00051
108-87-2	Methylcyclohexane	0.00050	U	0.0010	0.00050
75-09-2	Methylene Chloride	0.0011	U	0.0020	0.0011
179601-23-1	m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017
104-51-8	n-Butylbenzene	0.00029	U	0.0010	0.00029
103-65-1	N-Propylbenzene	0.00018	U	0.0010	0.00018
95-47-6	o-Xylene	0.00019	U	0.0010	0.00019
135-98-8	sec-Butylbenzene	0.00029	U	0.0010	0.00029
100-42-5	Styrene	0.00028	U	0.0010	0.00028
107-06-2	1,2-Dichloroethane	0.00030	U	0.0010	0.00030
98-06-6	tert-Butylbenzene	0.00028	U	0.0010	0.00028
95-50-1	1,2-Dichlorobenzene	0.00036	U	0.0010	0.00036
127-18-4	Tetrachloroethene	0.00031	U	0.0010	0.00031
96-12-8	1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046
108-88-3	Toluene	0.00023	U	0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
79-01-6	Trichloroethene	0.00032	U	0.0010	0.00032
75-69-4	Trichlorofluoromethane	0.00041	U	0.0010	0.00041
75-01-4	Vinyl chloride	0.00055	U	0.0010	0.00055
1330-20-7	Xylenes, Total	0.00064	U	0.0020	0.00064

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		77-145
460-00-4	4-Bromofluorobenzene	101		70-139
1868-53-7	Dibromofluoromethane (Surr)	105		48-150
2037-26-5	Toluene-d8 (Surr)	99		80-120

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

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-838227/7

Matrix: Solid | Lab File ID: B85466.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/09/2022 07:22

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 838227 | Units: mg/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85466.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 09-Apr-2022 07:22:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BLK
Misc. Info.: 460-0143808-007
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 11:21:51 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: delpolitov Date: 11-Apr-2022 11:21:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	1.532	1.544	-0.012	0	331229	1000.0	1000.0	
* 40 2-Butanone-d5	46	2.282	2.282	0.000	0	255449	250.0	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.696	2.690	0.006	0	113171	50.0	52.6	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.983	2.977	0.006	0	131279	50.0	51.5	
* 60 Fluorobenzene	96	3.318	3.318	0.000	0	436773	50.0	50.0	
* 69 1,4-Dioxane-d8	96	4.117	4.141	-0.024	0	12065	1000.0	1000.0	M
$ 79 Toluene-d8 (Surr)	98	5.287	5.287	0.000	0	387080	50.0	49.4	
* 91 Chlorobenzene-d5	117	7.647	7.647	0.000	0	270376	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.933	0.000	0	89403	50.0	50.3	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	0	126278	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 11-Apr-2022 11:21:51 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85466.D

Injection Date: 09-Apr-2022 07:22:30 Instrument ID: CVOAMS2 Operator ID:

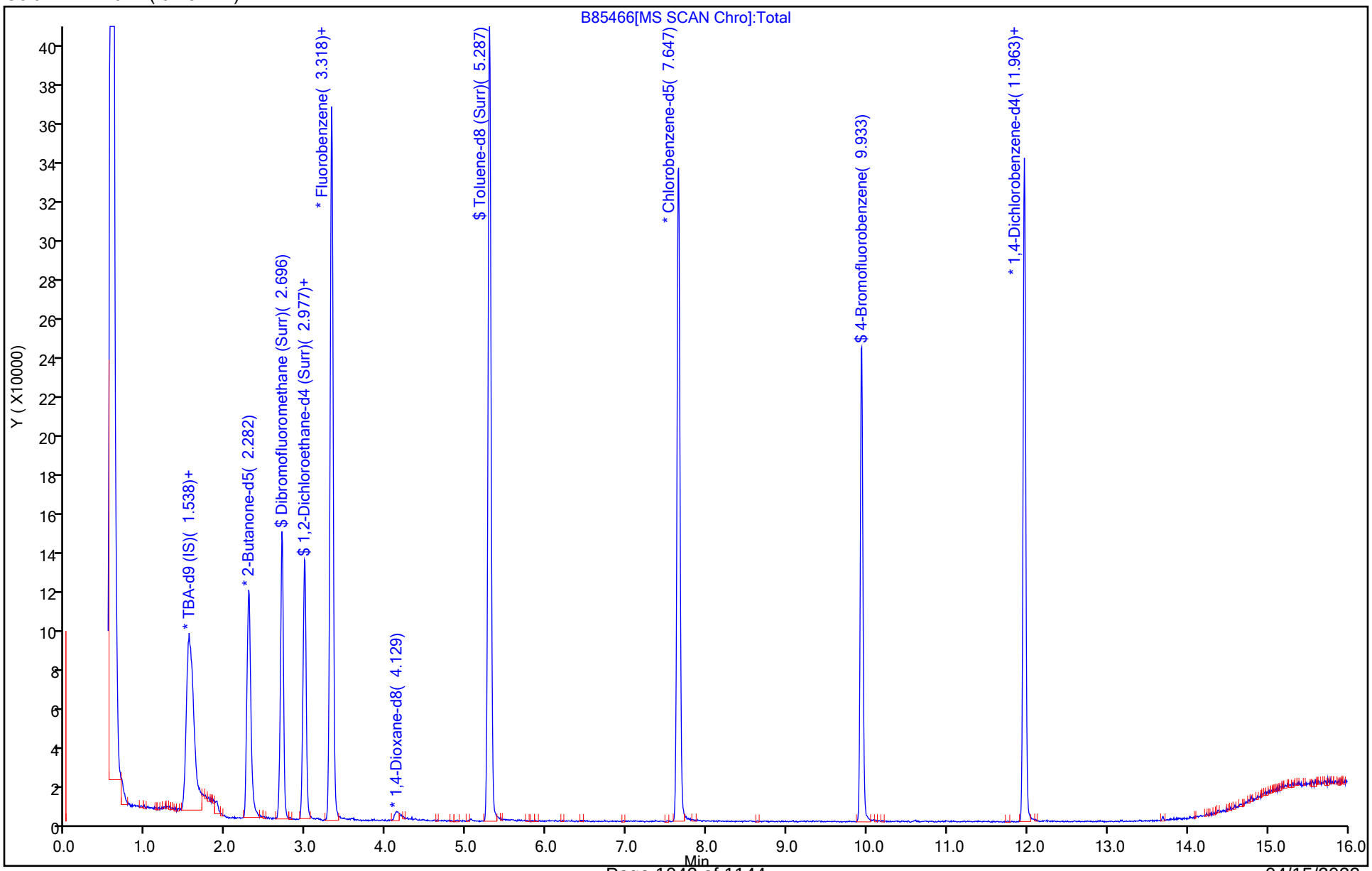
Lims ID: MB Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85466.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 09-Apr-2022 07:22:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BLK
Misc. Info.: 460-0143808-007
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 11:21:51 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: delpolitov Date: 11-Apr-2022 11:21:51

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	52.6	105.22
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	51.5	103.02
$ 79 Toluene-d8 (Surr)	50.0	49.4	98.77
$ 103 4-Bromofluorobenzene	50.0	50.3	100.62

Manual Integration/User Assign Peak Report

Eurofins Edison

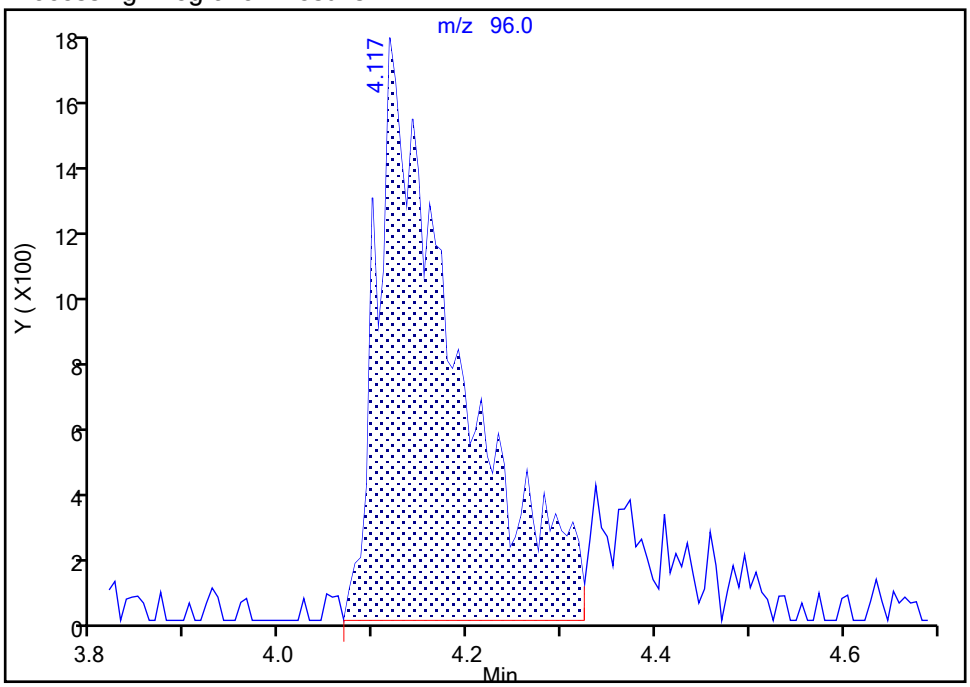
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85466.D
Injection Date: 09-Apr-2022 07:22:30 Instrument ID: CVOAMS2
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

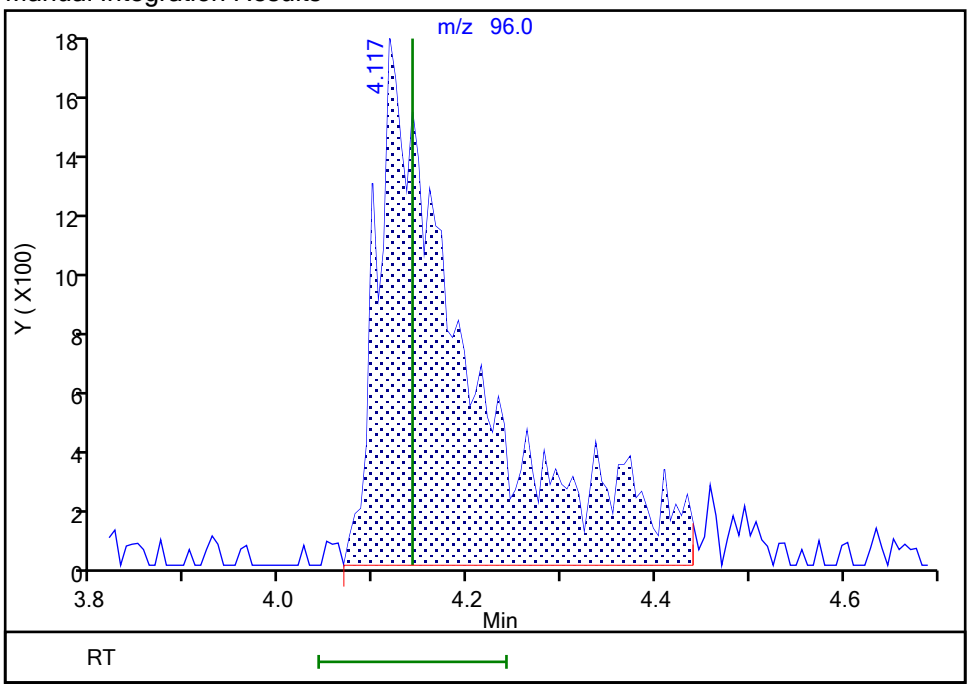
Processing Integration Results

RT: 4.12
Area: 10415
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.12
Area: 12065
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 11:21:48
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB3 460-837649/1-A

Matrix: Solid | Lab File ID: B85438.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 04/08/2022 19:01

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.00021	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.00023	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036
95-63-6	1,2,4-Trimethylbenzene	0.00025	U	0.0010	0.00025
78-87-5	1,2-Dichloropropane	0.00042	U	0.0010	0.00042
108-67-8	1,3,5-Trimethylbenzene	0.00031	U	0.0010	0.00031
541-73-1	1,3-Dichlorobenzene	0.00037	U	0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.00037	U	0.0050	0.00037
591-78-6	2-Hexanone	0.0017	U	0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016
67-64-1	Acetone	0.0057	U	0.0060	0.0057
71-43-2	Benzene	0.00026	U	0.0010	0.00026
75-25-2	Bromoform	0.00043	U	0.0010	0.00043
74-83-9	Bromomethane	0.0010	U	0.0020	0.0010
75-15-0	Carbon disulfide	0.00027	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.00039	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.00018	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.00028	U	0.0010	0.00028
124-48-1	Chlorodibromomethane	0.00019	U	0.0010	0.00019
75-00-3	Chloroethane	0.00052	U	0.0010	0.00052
67-66-3	Chloroform	0.00097	U	0.0010	0.00097
74-87-3	Chloromethane	0.00044	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.00036	U	0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
110-82-7	Cyclohexane	0.00022	U	0.0010	0.00022
75-27-4	Dichlorobromomethane	0.00026	U	0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.00034	U	0.0010	0.00034
100-41-4	Ethylbenzene	0.00020	U	0.0010	0.00020
106-93-4	Ethylene Dibromide	0.00018	U	0.0010	0.00018

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB3 460-837649/1-A

Matrix: Solid | Lab File ID: B85438.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 04/08/2022 19:01

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	0.00029	U	0.0010	0.00029
79-20-9	Methyl acetate	0.0043	U	0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.00051	U	0.0010	0.00051
108-87-2	Methylcyclohexane	0.00050	U	0.0010	0.00050
75-09-2	Methylene Chloride	0.0011	U	0.0020	0.0011
179601-23-1	m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017
104-51-8	n-Butylbenzene	0.00029	U	0.0010	0.00029
103-65-1	N-Propylbenzene	0.00018	U	0.0010	0.00018
95-47-6	o-Xylene	0.00019	U	0.0010	0.00019
135-98-8	sec-Butylbenzene	0.00029	U	0.0010	0.00029
100-42-5	Styrene	0.00028	U	0.0010	0.00028
107-06-2	1,2-Dichloroethane	0.00030	U	0.0010	0.00030
98-06-6	tert-Butylbenzene	0.00028	U	0.0010	0.00028
95-50-1	1,2-Dichlorobenzene	0.00036	U	0.0010	0.00036
127-18-4	Tetrachloroethene	0.00031	U	0.0010	0.00031
96-12-8	1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046
108-88-3	Toluene	0.00023	U	0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
79-01-6	Trichloroethene	0.00032	U	0.0010	0.00032
75-69-4	Trichlorofluoromethane	0.00041	U	0.0010	0.00041
75-01-4	Vinyl chloride	0.00055	U	0.0010	0.00055
1330-20-7	Xylenes, Total	0.00064	U	0.0020	0.00064

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		77-145
460-00-4	4-Bromofluorobenzene	96		70-139
1868-53-7	Dibromofluoromethane (Surr)	102		48-150
2037-26-5	Toluene-d8 (Surr)	100		80-120

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

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB3 460-837649/1-A

Matrix: Solid | Lab File ID: B85438.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 04/08/2022 19:01

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 838140 | Units: mg/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85438.D
Lims ID: LB3 460-837649/1-A
Client ID:
Sample Type: LB3
Inject. Date: 08-Apr-2022 19:01:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-837649/1-A
Misc. Info.: 460-0143790-010
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-Apr-2022 19:27:29 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: parekhv Date: 08-Apr-2022 19:27:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	1.544	1.544	0.000	0	300658	1000.0	1000.0	
* 40 2-Butanone-d5	46	2.282	2.282	0.000	0	244457	250.0	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.690	2.697	-0.007	0	100951	50.0	50.8	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	115540	50.0	49.0	
* 60 Fluorobenzene	96	3.312	3.318	-0.006	0	403788	50.0	50.0	
* 69 1,4-Dioxane-d8	96	4.123	4.135	-0.012	0	11018	1000.0	1000.0	
$ 79 Toluene-d8 (Surr)	98	5.281	5.288	-0.007	0	331804	50.0	50.0	
* 91 Chlorobenzene-d5	117	7.641	7.647	-0.006	0	229133	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	9.927	9.927	0.000	0	75183	50.0	48.2	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	0	110952	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00227 Amount Added: 1.00 Units: uL Run Reagent

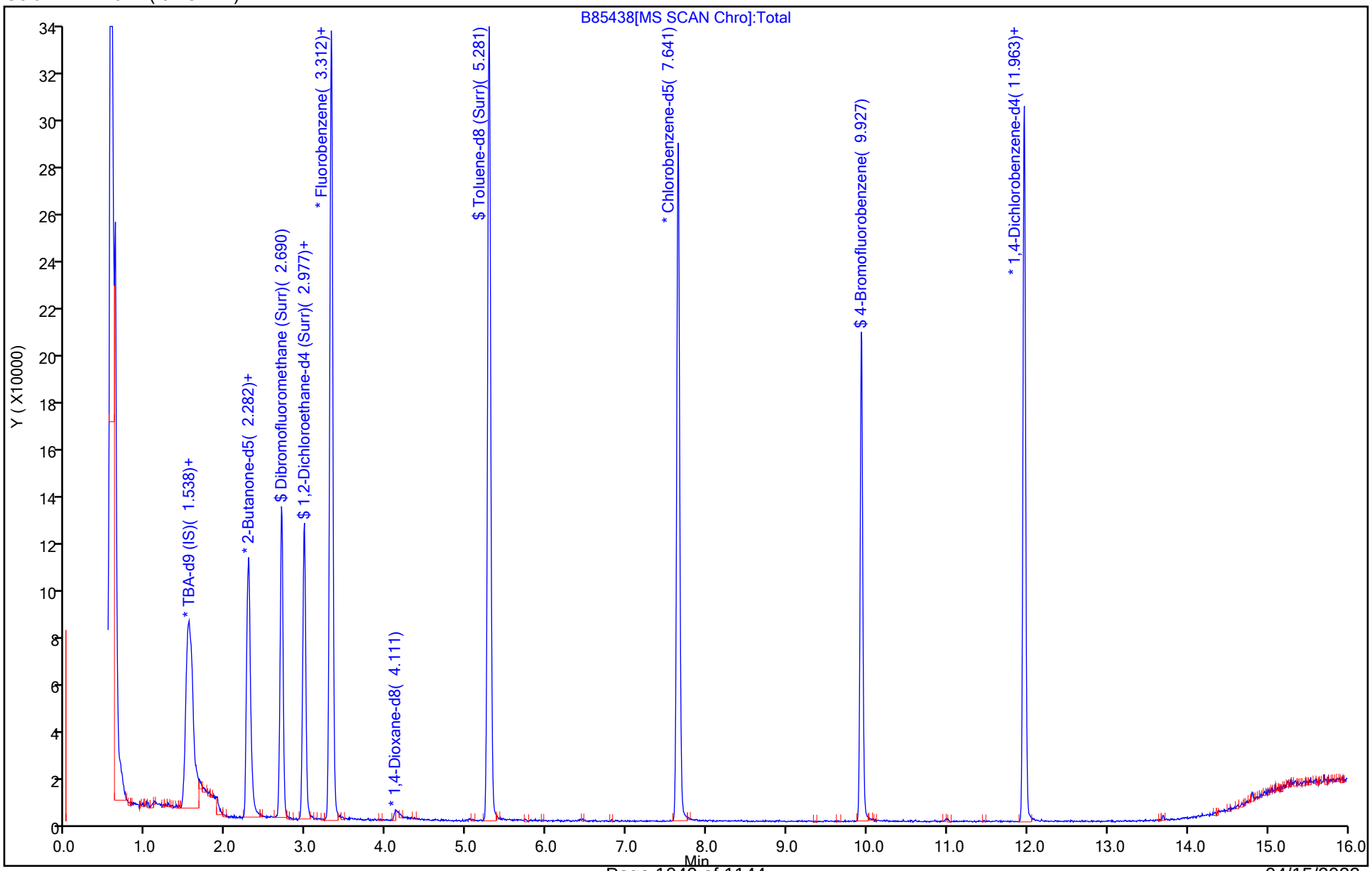
Report Date: 08-Apr-2022 19:27:29 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85438.D

Injection Date:	08-Apr-2022 19:01:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	LB3 460-837649/1-A			Worklist Smp#:	10
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85438.D
Lims ID: LB3 460-837649/1-A
Client ID:
Sample Type: LB3
Inject. Date: 08-Apr-2022 19:01:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-837649/1-A
Misc. Info.: 460-0143790-010
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-Apr-2022 19:27:29 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: parekhv Date: 08-Apr-2022 19:27:29

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	50.8	101.53
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	49.0	98.08
$ 79 Toluene-d8 (Surr)	50.0	50.0	99.91
$ 103 4-Bromofluorobenzene	50.0	48.2	96.31

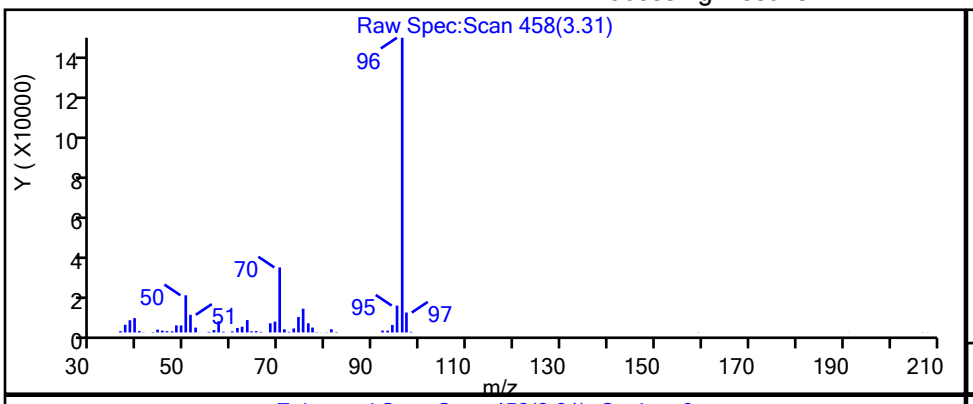
User Disabled Compound Report

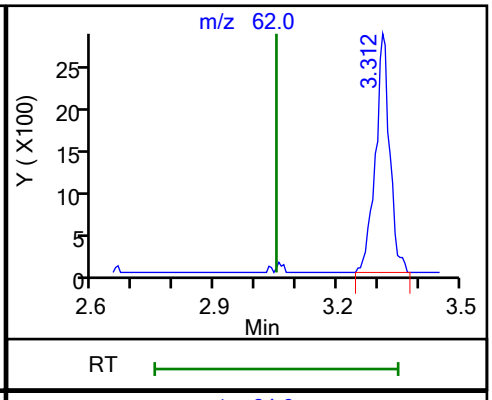
Eurofins Edison

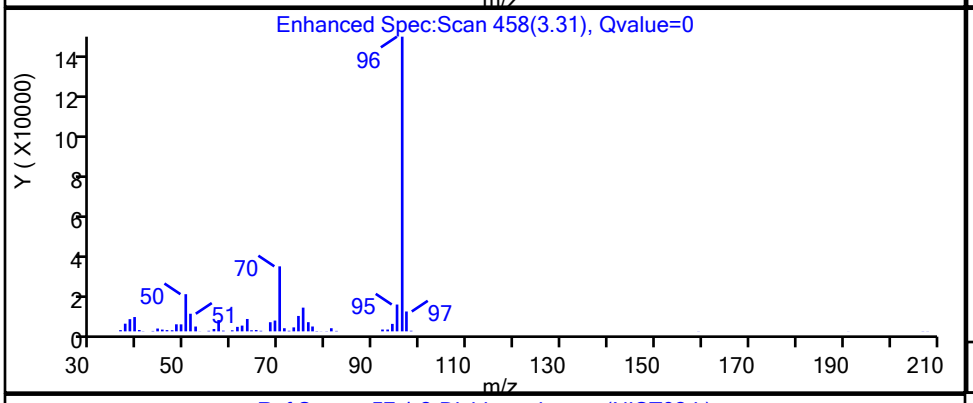
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85438.D				
Injection Date:	08-Apr-2022 19:01:30	Instrument ID:	CVOAMS2		
Lims ID:	LB3 460-837649/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

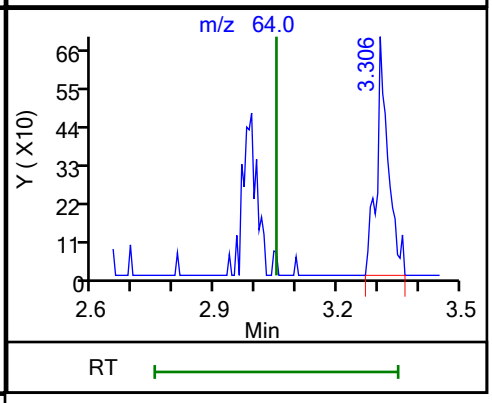
57 1,2-Dichloroethane, CAS: 107-06-2

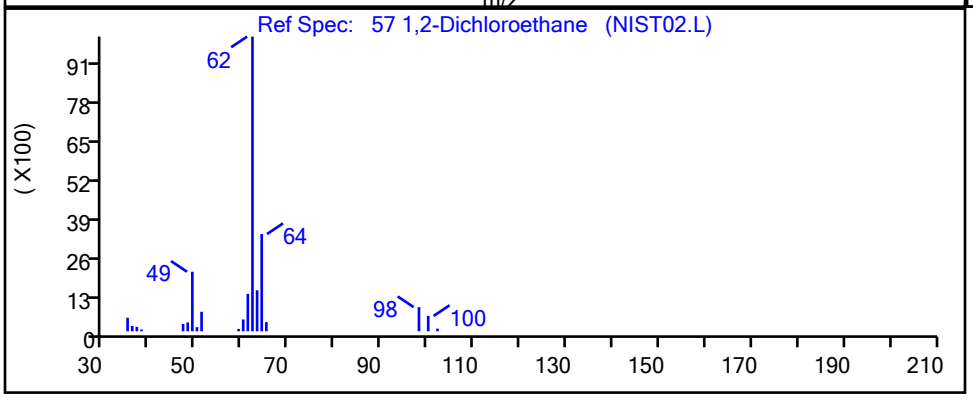
Processing Results











RT	Mass	Response	Amount
3.31	62.00	6960	2.620545
3.31	64.00	1391	

Reviewer: parekhv, 08-Apr-2022 19:27:10

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-838022/4

Matrix: Water | Lab File ID: N47690.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/08/2022 06:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 838022 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.7		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	16.6		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	18.1		1.0	0.31
79-00-5	1,1,2-Trichloroethane	18.2		1.0	0.20
75-34-3	1,1-Dichloroethane	19.4		1.0	0.26
75-35-4	1,1-Dichloroethene	19.1		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	22.4		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	20.3		1.0	0.37
123-91-1	1,4-Dioxane	396		50	28
78-87-5	1,2-Dichloropropane	17.8		1.0	0.35
541-73-1	1,3-Dichlorobenzene	19.1		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.4		1.0	0.33
78-93-3	2-Butanone (MEK)	98.6		5.0	1.9
591-78-6	2-Hexanone	94.4		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	96.0		5.0	1.3
67-64-1	Acetone	104		5.0	4.4
71-43-2	Benzene	18.2		1.0	0.20
75-25-2	Bromoform	18.6		1.0	0.54
74-83-9	Bromomethane	21.5		1.0	0.55
75-15-0	Carbon disulfide	19.8		1.0	0.82
56-23-5	Carbon tetrachloride	20.3		1.0	0.21
108-90-7	Chlorobenzene	18.9		1.0	0.38
74-97-5	Chlorobromomethane	20.7		1.0	0.41
124-48-1	Chlorodibromomethane	18.8		1.0	0.28
75-00-3	Chloroethane	21.3		1.0	0.32
67-66-3	Chloroform	19.9		1.0	0.33
74-87-3	Chloromethane	19.0		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	17.6		1.0	0.22
110-82-7	Cyclohexane	19.1		1.0	0.32
75-27-4	Dichlorobromomethane	19.4		1.0	0.34
75-71-8	Dichlorodifluoromethane	19.6		1.0	0.31
100-41-4	Ethylbenzene	18.9		1.0	0.30
106-93-4	Ethylene Dibromide	19.2		1.0	0.50
98-82-8	Isopropylbenzene	18.6		1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-838022/4

Matrix: Water | Lab File ID: N47690.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/08/2022 06:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 838022 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	41.0		5.0	0.79
1634-04-4	Methyl tert-butyl ether	19.9		1.0	0.22
108-87-2	Methylcyclohexane	21.1		1.0	0.71
75-09-2	Methylene Chloride	20.0		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	18.5		1.0	0.30
95-47-6	o-Xylene	18.2		1.0	0.36
100-42-5	Styrene	17.4		1.0	0.42
107-06-2	1,2-Dichloroethane	18.8		1.0	0.43
95-50-1	1,2-Dichlorobenzene	19.4		1.0	0.21
127-18-4	Tetrachloroethene	20.5		1.0	0.25
96-12-8	1,2-Dibromo-3-Chloropropane	19.4		1.0	0.38
108-88-3	Toluene	18.2		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.1		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.4		1.0	0.22
79-01-6	Trichloroethene	20.1		1.0	0.31
75-69-4	Trichlorofluoromethane	21.1		1.0	0.32
75-01-4	Vinyl chloride	20.9		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47690.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 08-Apr-2022 06:53:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0143765-004
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-Apr-2022 07:41:31 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1621

First Level Reviewer: moroneyc Date: 08-Apr-2022 07:41:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	1.329	1.322	0.007	54	27293	20.0	19.4	
5 Dichlorodifluoromethane	85	1.341	1.347	-0.006	0	83162	20.0	19.6	
6 Chlorodifluoromethane	51	1.359	1.359	0.000	0	55271	20.0	16.8	
7 Chloromethane	52	1.450	1.450	0.000	0	16631	20.0	19.0	
8 Vinyl chloride	62	1.572	1.572	0.000	0	73900	20.0	20.9	
9 Butadiene	54	1.572	1.572	0.000	0	44761	20.0	20.1	
10 Bromomethane	94	1.821	1.821	0.000	0	58926	20.0	21.5	
11 Chloroethane	64	1.900	1.906	-0.006	0	39916	20.0	21.3	
13 Trichlorofluoromethane	101	2.083	2.077	0.006	0	101610	20.0	21.1	
12 Dichlorofluoromethane	67	2.083	2.077	0.006	0	114243	20.0	20.6	
14 Pentane	72	2.107	2.101	0.006	0	13290	40.0	38.3	
15 Ethanol	46	2.271	2.259	0.012	58	6790	800.0	559.0	a
16 Ethyl ether	74	2.290	2.290	0.000	0	33167	20.0	19.6	
17 2-Methyl-1,3-butadiene	53	2.308	2.302	0.006	0	35274	20.0	20.3	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	2.338	2.338	0.000	0	60102	20.0	19.7	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.387	2.393	-0.006	93	79591	20.0	19.8	a
20 Acrolein	56	2.454	2.448	0.006	0	6727	40.6	21.3	
21 112TCTFE	101	2.466	2.466	0.000	0	39837	20.0	18.1	
22 1,1-Dichloroethene	96	2.478	2.478	0.000	0	59371	20.0	19.1	
23 Acetone	58	2.564	2.563	0.001	0	26378	100.0	103.9	
24 Iodomethane	142	2.624	2.624	0.000	0	139148	20.0	21.3	
26 Carbon disulfide	76	2.655	2.655	0.000	0	196189	20.0	19.8	
25 Isopropyl alcohol	45	2.643	2.655	-0.012	0	27348	200.0	173.2	
27 3-Chloro-1-propene	76	2.783	2.776	0.007	0	52321	20.0	24.1	
28 Methyl acetate	74	2.789	2.788	0.001	0	24471	40.0	41.0	
29 Cyclopentene	67	2.801	2.794	0.007	0	120804	20.0	20.3	
30 Acetonitrile	41	2.843	2.837	0.006	0	58612	200.0	167.8	
* 31 TBA-d9 (IS)	66	2.898	2.892	0.006	0	45488	1000.0	1000.0	
32 Methylene Chloride	84	2.898	2.904	-0.006	0	71616	20.0	20.0	
33 2-Methyl-2-propanol	59	2.953	2.959	-0.006	0	57585	200.0	182.8	
34 Methyl tert-butyl ether	73	3.056	3.050	0.006	0	150167	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 trans-1,2-Dichloroethene	96	3.075	3.074	0.001	0	73032	20.0	20.1	
36 Acrylonitrile	53	3.141	3.141	0.000	0	190456	200.0	168.1	
37 Hexane	56	3.221	3.220	0.001	0	17086	20.0	18.6	
38 Isopropyl ether	45	3.427	3.421	0.006	0	118777	20.0	16.8	
39 1,1-Dichloroethane	63	3.452	3.451	0.001	0	99013	20.0	19.4	
40 Vinyl acetate	86	3.470	3.464	0.006	0	13977	40.0	21.8	
41 2-Chloro-1,3-butadiene	88	3.494	3.494	0.000	0	56377	20.0	19.5	
42 Tert-butyl ethyl ether	59	3.732	3.725	0.007	0	125081	20.0	17.9	
* 43 2-Butanone-d5	46	3.914	3.914	0.000	0	219677	250.0	250.0	
44 2,2-Dichloropropane	79	3.920	3.932	-0.012	0	22894	20.0	17.1	
45 cis-1,2-Dichloroethene	96	3.951	3.950	0.001	0	77053	20.0	19.6	
46 2-Butanone (MEK)	72	3.969	3.962	0.007	0	37208	100.0	98.6	
47 Ethyl acetate	70	3.975	3.975	0.000	0	12589	40.0	38.3	
48 Methyl acrylate	55	4.024	4.023	0.001	0	40763	20.0	18.3	
49 Propionitrile	54	4.090	4.090	0.000	0	73558	200.0	166.8	
50 Tetrahydrofuran	72	4.163	4.163	0.000	0	15583	40.0	38.6	
51 Chlorobromomethane	128	4.170	4.169	0.001	0	47149	20.0	20.7	
52 Methacrylonitrile	67	4.194	4.194	0.000	0	242436	200.0	193.1	
53 Chloroform	83	4.218	4.218	0.000	0	113223	20.0	19.9	
54 Cyclohexane	84	4.346	4.346	0.000	0	64442	20.0	19.1	
55 1,1,1-Trichloroethane	97	4.358	4.364	-0.006	0	94215	20.0	19.7	
$ 56 Dibromofluoromethane (Surr)	113	4.370	4.370	0.000	0	175677	50.0	52.4	
57 Carbon tetrachloride	117	4.474	4.474	0.000	0	85695	20.0	20.3	
58 1,1-Dichloropropene	75	4.498	4.498	0.000	0	76815	20.0	19.3	
59 Isobutyl alcohol	43	4.632	4.626	0.006	0	51580	500.0	393.9	
60 Isooctane	57	4.662	4.668	-0.006	92	55595	20.0	20.6	a
61 Benzene	78	4.693	4.693	0.000	0	233979	20.0	18.2	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.711	4.711	0.000	0	155760	50.0	50.4	
64 Isopropyl acetate	43	4.754	4.753	0.001	0	110528	20.0	17.9	
63 Tert-amyl methyl ether	73	4.760	4.759	0.001	0	162000	20.0	19.8	
65 1,2-Dichloroethane	62	4.784	4.784	0.000	0	75697	20.0	18.8	
66 n-Heptane	57	4.845	4.845	0.000	0	12872	20.0	16.8	
* 67 Fluorobenzene	96	4.973	4.972	0.001	0	563014	50.0	50.0	
68 n-Butanol	56	5.283	5.277	0.006	0	29549	500.0	353.2	
69 Trichloroethene	95	5.319	5.319	0.000	0	67539	20.0	20.1	
71 Methylcyclohexane	83	5.435	5.441	-0.006	0	59169	20.0	21.1	
70 Ethyl acrylate	99	5.447	5.441	0.006	0	8454	20.0	18.5	
72 1,2-Dichloropropane	63	5.599	5.599	0.000	0	48955	20.0	17.8	
* 73 1,4-Dioxane-d8	96	5.654	5.654	0.000	0	36389	1000.0	1000.0	
74 Methyl methacrylate	100	5.684	5.684	0.000	0	35304	40.0	38.7	
75 1,4-Dioxane	88	5.709	5.708	0.001	0	18747	400.0	396.4	
76 Dibromomethane	93	5.721	5.721	0.000	0	42981	20.0	19.2	
77 n-Propyl acetate	43	5.739	5.733	0.006	0	51683	20.0	15.6	
78 Dichlorobromomethane	83	5.879	5.873	0.006	0	80316	20.0	19.4	
79 2-Nitropropane	41	6.208	6.207	0.001	0	20492	40.0	29.1	
80 2-Chloroethyl vinyl ether	63	6.214	6.213	0.001	0	20413	20.0	15.8	
81 Epichlorohydrin	57	6.311	6.311	0.000	0	94211	400.0	381.8	
82 cis-1,3-Dichloropropene	75	6.366	6.366	0.000	0	87135	20.0	17.6	
83 4-Methyl-2-pentanone (MIBK)	43	6.536	6.536	0.000	0	196536	100.0	96.0	
$ 84 Toluene-d8 (Surr)	98	6.603	6.603	0.000	0	571671	50.0	47.7	
85 Toluene	91	6.682	6.682	0.000	0	250809	20.0	18.2	
86 trans-1,3-Dichloropropene	75	7.029	7.029	0.000	0	76910	20.0	17.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 Ethyl methacrylate	69	7.065	7.065	0.000	0	55369	20.0	16.7	
88 1,1,2-Trichloroethane	83	7.242	7.242	0.000	0	45284	20.0	18.2	
89 Tetrachloroethene	166	7.278	7.278	0.000	0	65300	20.0	20.5	
90 1,3-Dichloropropane	76	7.449	7.442	0.007	0	82992	20.0	18.1	
91 2-Hexanone	58	7.516	7.515	0.001	0	84470	100.0	94.4	
92 n-Butyl acetate	43	7.637	7.637	0.000	0	52784	20.0	16.0	
93 Chlorodibromomethane	129	7.674	7.673	0.001	0	67335	20.0	18.8	
94 Ethylene Dibromide	107	7.820	7.819	0.001	0	63817	20.0	19.2	
* 95 Chlorobenzene-d5	117	8.361	8.361	0.000	0	481897	50.0	50.0	
96 Chlorobenzene	112	8.398	8.397	0.001	0	180207	20.0	18.9	
97 Ethylbenzene	106	8.507	8.507	0.000	0	87387	20.0	18.9	
98 1,1,1,2-Tetrachloroethane	131	8.519	8.519	0.000	0	70197	20.0	18.6	
99 m-Xylene & p-Xylene	106	8.665	8.665	0.000	0	101666	20.0	18.5	
100 o-Xylene	106	9.182	9.182	0.000	0	104235	20.0	18.2	
101 n-Butyl acrylate	73	9.182	9.182	0.000	0	33566	20.0	15.7	
102 Styrene	104	9.219	9.219	0.000	0	167867	20.0	17.4	
104 Bromoform	173	9.462	9.462	0.000	0	42988	20.0	18.6	
103 Amyl acetate (mixed isomers)	43	9.462	9.462	0.000	0	59162	20.0	14.9	
105 Isopropylbenzene	105	9.614	9.614	0.000	0	240465	20.0	18.6	
$ 106 4-Bromofluorobenzene	174	9.839	9.839	0.000	0	165021	50.0	47.2	
107 Bromobenzene	156	9.979	9.979	0.000	0	77845	20.0	18.8	
108 1,1,2,2-Tetrachloroethane	83	10.046	10.046	0.000	0	70856	20.0	16.6	
109 N-Propylbenzene	91	10.071	10.070	0.001	0	237909	20.0	18.0	
110 1,2,3-Trichloropropane	110	10.095	10.095	0.000	0	25731	20.0	18.8	
111 trans-1,4-Dichloro-2-butene	53	10.119	10.119	0.000	0	12766	20.0	15.5	
112 2-Chlorotoluene	91	10.180	10.180	0.000	0	191084	20.0	18.0	
113 4-Ethyltoluene	105	10.198	10.198	0.000	0	218188	20.0	18.1	
114 1,3,5-Trimethylbenzene	105	10.271	10.271	0.000	0	186452	20.0	18.4	
115 4-Chlorotoluene	91	10.308	10.308	0.000	0	182084	20.0	18.4	
116 Butyl Methacrylate	87	10.393	10.393	0.000	0	46579	20.0	11.2	
117 tert-Butylbenzene	119	10.582	10.581	0.001	0	144956	20.0	18.8	
118 1,2,4-Trimethylbenzene	105	10.643	10.642	0.000	0	197457	20.0	18.2	
119 sec-Butylbenzene	105	10.795	10.794	0.001	0	194863	20.0	18.6	
120 1,3-Dichlorobenzene	146	10.928	10.922	0.006	0	137466	20.0	19.1	
121 4-Isopropyltoluene	119	10.941	10.934	0.007	0	168866	20.0	18.5	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	0	274016	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.020	11.019	0.001	0	147690	20.0	19.4	
124 1,2,3-Trimethylbenzene	105	11.044	11.044	0.000	0	225769	20.0	17.6	
125 Benzyl chloride	126	11.160	11.159	0.001	0	28127	20.0	14.9	
126 2,3-Dihydroindene	117	11.220	11.220	0.000	0	245696	20.0	18.3	
127 p-Diethylbenzene	119	11.287	11.287	0.000	0	90180	20.0	18.4	
128 n-Butylbenzene	92	11.306	11.305	0.001	0	77188	20.0	18.4	
129 1,2-Dichlorobenzene	146	11.354	11.354	0.000	0	147288	20.0	19.4	
130 1,2,4,5-Tetramethylbenzene	119	11.950	11.950	0.000	0	157488	20.0	17.7	
131 1,2-Dibromo-3-Chloropropane	157	12.036	12.035	0.001	0	22066	20.0	19.4	
132 1,3,5-Trichlorobenzene	180	12.151	12.151	0.000	0	75004	20.0	20.3	
133 1,2,4-Trichlorobenzene	180	12.650	12.650	0.000	0	70206	20.0	20.3	
134 Hexachlorobutadiene	225	12.735	12.735	0.000	0	20906	20.0	22.7	
135 Naphthalene	128	12.845	12.838	0.007	0	234779	20.0	19.8	
136 1,2,3-Trichlorobenzene	180	13.021	13.021	0.000	0	64564	20.0	22.4	
S 137 1,2-Dichloroethene, Total	100				0		40.0	39.7	
S 138 Xylenes, Total	100				0		40.0	36.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		100.0	91.9	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

GASES Li_00470	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00152	Amount Added:	20.00	Units: uL	
524freon_00050	Amount Added:	20.00	Units: uL	
ACROLEIN W_00138	Amount Added:	4.00	Units: uL	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00226	Amount Added:	1.00	Units: uL	Run Reagent

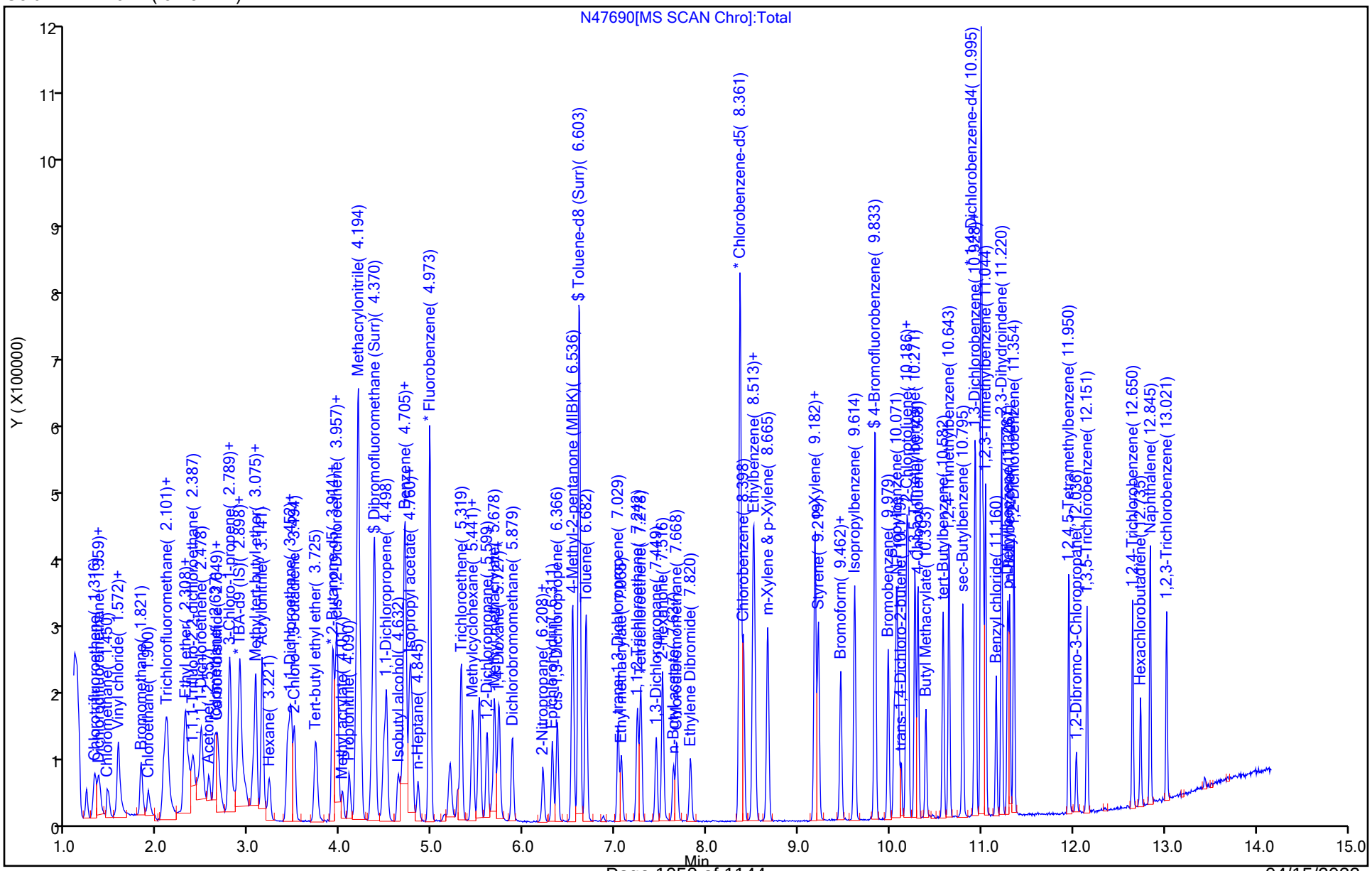
Report Date: 08-Apr-2022 07:41:32 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47690.D

Injection Date:	08-Apr-2022 06:53:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47690.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 08-Apr-2022 06:53:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0143765-004
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-Apr-2022 07:41:31 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1621

First Level Reviewer: moroneyc Date: 08-Apr-2022 07:41:31

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	52.4	104.77
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	50.4	100.77
$ 84 Toluene-d8 (Surr)	50.0	47.7	95.44
$ 106 4-Bromofluorobenzene	50.0	47.2	94.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-838140/3

Matrix: Solid | Lab File ID: B85431.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/08/2022 16:25

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0226		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0185		0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0274		0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0183		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0215		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0268		0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0204		0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0206		0.0010	0.00036
95-63-6	1,2,4-Trimethylbenzene	0.0195		0.0010	0.00025
78-87-5	1,2-Dichloropropane	0.0197		0.0010	0.00042
108-67-8	1,3,5-Trimethylbenzene	0.0190		0.0010	0.00031
541-73-1	1,3-Dichlorobenzene	0.0205		0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.0201		0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0995		0.0050	0.00037
591-78-6	2-Hexanone	0.0974		0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0905		0.0050	0.0016
67-64-1	Acetone	0.113		0.0060	0.0057
71-43-2	Benzene	0.0195		0.0010	0.00026
75-25-2	Bromoform	0.0186		0.0010	0.00043
74-83-9	Bromomethane	0.0233		0.0020	0.0010
75-15-0	Carbon disulfide	0.0260		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0223		0.0010	0.00039
108-90-7	Chlorobenzene	0.0201		0.0010	0.00018
74-97-5	Chlorobromomethane	0.0205		0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0183		0.0010	0.00019
75-00-3	Chloroethane	0.0232		0.0010	0.00052
67-66-3	Chloroform	0.0209		0.0010	0.00097
74-87-3	Chloromethane	0.0219		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0217		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0185		0.0010	0.00027
110-82-7	Cyclohexane	0.0217		0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0188		0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.0223		0.0010	0.00034
100-41-4	Ethylbenzene	0.0197		0.0010	0.00020
106-93-4	Ethylene Dibromide	0.0191		0.0010	0.00018

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-838140/3

Matrix: Solid | Lab File ID: B85431.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/08/2022 16:25

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	0.0173		0.0010	0.00029
79-20-9	Methyl acetate	0.0391		0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0212		0.0010	0.00051
108-87-2	Methylcyclohexane	0.0209		0.0010	0.00050
75-09-2	Methylene Chloride	0.0231		0.0020	0.0011
179601-23-1	m-Xylene & p-Xylene	0.0199		0.0010	0.00017
104-51-8	n-Butylbenzene	0.0191		0.0010	0.00029
103-65-1	N-Propylbenzene	0.0202		0.0010	0.00018
95-47-6	o-Xylene	0.0175		0.0010	0.00019
135-98-8	sec-Butylbenzene	0.0187		0.0010	0.00029
100-42-5	Styrene	0.0192		0.0010	0.00028
107-06-2	1,2-Dichloroethane	0.0200		0.0010	0.00030
98-06-6	tert-Butylbenzene	0.0181		0.0010	0.00028
95-50-1	1,2-Dichlorobenzene	0.0198		0.0010	0.00036
127-18-4	Tetrachloroethene	0.0198		0.0010	0.00031
96-12-8	1,2-Dibromo-3-Chloropropane	0.0170		0.0010	0.00046
108-88-3	Toluene	0.0190		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0226		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0182		0.0010	0.00027
79-01-6	Trichloroethene	0.0191		0.0010	0.00032
75-69-4	Trichlorofluoromethane	0.0247		0.0010	0.00041
75-01-4	Vinyl chloride	0.0224		0.0010	0.00055
1330-20-7	Xylenes, Total	0.0374		0.0020	0.00064

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		77-145
460-00-4	4-Bromofluorobenzene	100		70-139
1868-53-7	Dibromofluoromethane (Surr)	104		48-150
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85431.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 08-Apr-2022 16:25:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0143790-003
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:43:05 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: parekhv Date: 08-Apr-2022 16:47:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.587	0.587	0.000	46	5506	20.0	20.5	a
2 1,1-Difluoroethane	51	0.636	0.636	0.000	0	197408	20.0	28.6	
3 Dichlorodifluoromethane	85	0.636	0.636	0.000	0	98977	20.0	22.3	
4 Chlorodifluoromethane	67	0.648	0.648	0.000	0	18171	20.0	29.5	
5 Chloromethane	50	0.721	0.721	0.000	0	136734	20.0	21.9	
7 Vinyl chloride	62	0.758	0.758	0.000	0	94476	20.0	22.4	
6 Butadiene	54	0.764	0.764	0.000	0	90019	20.0	23.1	
8 Bromomethane	94	0.892	0.892	0.000	0	54249	20.0	23.3	
9 Chloroethane	64	0.910	0.910	0.000	0	50988	20.0	23.2	
10 Dichlorofluoromethane	67	1.008	1.008	0.000	0	131462	20.0	24.1	
12 Pentane	72	1.014	1.014	0.000	0	24668	40.0	54.3	
11 Trichlorofluoromethane	101	1.038	1.038	0.000	0	100672	20.0	24.7	
14 Ethanol	46	1.124	1.124	0.000	0	10310	800.0	966.3	
13 Ethyl ether	59	1.112	1.112	0.000	0	46724	20.0	24.1	
15 2-Methyl-1,3-butadiene	53	1.124	1.124	0.000	97	63385	20.0	25.8	M
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.136	1.136	0.000	0	61390	20.0	27.0	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.166	1.166	0.000	61	110991	20.0	28.8	Ma
18 Acrolein	56	1.173	1.173	0.000	0	96618	304.2	445.4	
19 1,1-Dichloroethene	96	1.215	1.215	0.000	0	58307	20.0	26.8	
21 Acetone	43	1.252	1.252	0.000	0	87160	100.0	112.7	
20 112TCTFE	101	1.270	1.270	0.000	91	69816	20.0	27.4	a
22 Iodomethane	142	1.288	1.288	0.000	0	95384	20.0	24.4	
23 Carbon disulfide	76	1.319	1.319	0.000	0	238616	20.0	26.0	
24 Isopropyl alcohol	45	1.343	1.343	0.000	0	37741	200.0	165.6	
25 3-Chloro-1-propene	39	1.404	1.404	0.000	0	91051	20.0	22.9	
26 Methyl acetate	43	1.429	1.429	0.000	0	74820	40.0	39.1	
27 Acetonitrile	39	1.435	1.435	0.000	76	47881	200.0	268.4	a
28 Methylene Chloride	84	1.471	1.471	0.000	0	65089	20.0	23.1	
* 29 TBA-d9 (IS)	65	1.532	1.532	0.000	0	310750	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.563	1.563	0.000	91	63366	200.0	206.2	a
31 Acrylonitrile	53	1.611	1.611	0.000	0	189387	200.0	232.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.624	1.624	0.000	0	56995	20.0	22.6	
33 Methyl tert-butyl ether	73	1.648	1.648	0.000	0	148708	20.0	21.2	
34 Hexane	57	1.800	1.800	0.000	0	90669	20.0	21.6	
35 1,1-Dichloroethane	63	1.880	1.880	0.000	0	113852	20.0	21.5	
36 Vinyl acetate	86	1.935	1.935	0.000	0	14800	40.0	49.2	
37 2-Chloro-1,3-butadiene	88	1.947	1.947	0.000	0	47935	20.0	20.6	
38 Isopropyl ether	45	1.965	1.965	0.000	0	207470	20.0	20.8	
39 Tert-butyl ethyl ether	87	2.227	2.227	0.000	0	56099	20.0	19.8	
* 40 2-Butanone-d5	46	2.270	2.270	0.000	0	288450	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.294	2.294	0.000	0	56057	20.0	21.7	
42 2,2-Dichloropropane	79	2.300	2.300	0.000	65	29941	20.0	21.6	a
43 2-Butanone (MEK)	72	2.319	2.319	0.000	0	23900	100.0	99.5	
44 Propionitrile	54	2.355	2.355	0.000	0	59619	200.0	192.8	
45 Ethyl acetate	70	2.398	2.398	0.000	0	7539	40.0	38.8	
62 Methyl acrylate	55	2.398	2.398	0.000	0	31072	20.0	12.6	
47 Methacrylonitrile	67	2.471	2.471	0.000	0	163273	200.0	184.1	
46 Chlorobromomethane	128	2.477	2.477	0.000	0	24527	20.0	20.5	
48 Tetrahydrofuran	72	2.538	2.538	0.000	65	11540	40.0	45.7	M
49 Chloroform	83	2.562	2.562	0.000	0	92249	20.0	20.9	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.697	0.000	0	125839	50.0	52.2	
51 1,1,1-Trichloroethane	97	2.697	2.697	0.000	0	87717	20.0	22.6	
52 Cyclohexane	84	2.745	2.745	0.000	0	84157	20.0	21.7	
54 1,1-Dichloropropene	75	2.831	2.831	0.000	0	70637	20.0	21.3	
53 Carbon tetrachloride	117	2.843	2.843	0.000	0	72377	20.0	22.3	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.971	2.971	0.000	0	144658	50.0	50.6	
56 Benzene	78	3.020	3.020	0.000	0	193088	20.0	19.5	
57 1,2-Dichloroethane	62	3.044	3.044	0.000	0	64367	20.0	20.0	
58 Isobutyl alcohol	42	3.093	3.093	0.000	93	21114	500.0	296.6	a
59 Tert-amyl methyl ether	73	3.190	3.190	0.000	0	144564	20.0	18.6	
73 Isopropyl acetate	43	3.197	3.197	0.000	0	156567	20.0	16.9	
* 60 Fluorobenzene	96	3.306	3.306	0.000	0	489709	50.0	50.0	
61 n-Heptane	43	3.361	3.361	0.000	0	103690	20.0	20.4	
63 Trichloroethene	95	3.703	3.703	0.000	0	43231	20.0	19.1	
64 n-Butanol	43	3.879	3.879	0.000	65	4269	500.0	174.3	M
65 Methylcyclohexane	83	3.910	3.910	0.000	0	92780	20.0	20.9	
66 Ethyl acrylate	55	3.928	3.928	0.000	0	124528	20.0	18.9	
67 1,2-Dichloropropane	63	3.946	3.946	0.000	0	50453	20.0	19.7	
68 Dibromomethane	93	4.080	4.080	0.000	0	24701	20.0	19.2	
* 69 1,4-Dioxane-d8	96	4.111	4.111	0.000	0	20637	1000.0	1000.0	
70 1,4-Dioxane	88	4.178	4.178	0.000	0	8147	400.0	389.2	
71 Methyl methacrylate	100	4.215	4.215	0.000	0	14686	40.0	33.2	
72 Dichlorobromomethane	83	4.318	4.318	0.000	0	55151	20.0	18.8	
81 n-Propyl acetate	43	4.330	4.330	0.000	0	48708	20.0	16.9	
74 2-Nitropropane	41	4.629	4.629	0.000	0	18666	40.0	36.7	
75 2-Chloroethyl vinyl ether	63	4.806	4.806	0.000	0	8749	20.0	14.7	
76 Epichlorohydrin	57	4.830	4.830	0.000	0	62358	400.0	362.7	
77 cis-1,3-Dichloropropene	75	4.928	4.928	0.000	0	62618	20.0	18.5	
78 4-Methyl-2-pentanone (MIBK)	43	5.221	5.221	0.000	98	182972	100.0	90.5	a
$ 79 Toluene-d8 (Surr)	98	5.281	5.281	0.000	0	435256	50.0	46.5	
80 Toluene	91	5.373	5.373	0.000	0	183072	20.0	19.0	
82 trans-1,3-Dichloropropene	75	5.800	5.800	0.000	0	51096	20.0	18.2	
83 1,1,2-Trichloroethane	83	6.050	6.050	0.000	0	27228	20.0	18.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.080	6.080	0.000	74	35520	20.0	16.2	a
85 Tetrachloroethene	166	6.208	6.208	0.000	0	41161	20.0	19.8	
86 1,3-Dichloropropane	76	6.293	6.293	0.000	0	55755	20.0	18.0	
87 2-Hexanone	43	6.586	6.586	0.000	0	114606	100.0	97.4	
88 Chlorodibromomethane	129	6.647	6.647	0.000	0	33018	20.0	18.3	
89 Ethylene Dibromide	107	6.757	6.757	0.000	0	30714	20.0	19.1	
90 n-Butyl acetate	43	6.927	6.921	0.006	0	47806	20.0	16.1	
* 91 Chlorobenzene-d5	117	7.641	7.641	0.000	0	322714	50.0	50.0	
92 Chlorobenzene	112	7.690	7.690	0.000	0	111137	20.0	20.1	
93 1,1,1,2-Tetrachloroethane	131	7.903	7.903	0.000	0	34780	20.0	17.3	
94 Ethylbenzene	106	7.988	7.988	0.000	0	59156	20.0	19.7	
95 m-Xylene & p-Xylene	106	8.238	8.238	0.000	0	69247	20.0	19.9	
96 o-Xylene	106	8.970	8.970	0.000	0	60996	20.0	17.5	
97 Styrene	104	9.019	9.019	0.000	0	107665	20.0	19.2	
98 n-Butyl acrylate	73	9.220	9.220	0.000	0	18557	20.0	13.6	
99 Bromoform	173	9.256	9.256	0.000	0	20293	20.0	18.6	
101 Amyl acetate (mixed isomers)	43	9.701	9.701	0.000	0	49829	20.0	15.1	
102 Isopropylbenzene	105	9.720	9.720	0.000	0	178811	20.0	17.3	
$ 103 4-Bromofluorobenzene	174	9.927	9.927	0.000	0	118234	50.0	49.9	
104 Bromobenzene	156	10.104	10.104	0.000	0	43368	20.0	20.7	
105 1,2,3-Trichloropropane	110	10.317	10.317	0.000	0	11116	20.0	19.0	
106 1,1,2,2-Tetrachloroethane	83	10.348	10.348	0.000	0	41435	20.0	18.5	
107 trans-1,4-Dichloro-2-butene	53	10.445	10.445	0.000	0	13098	20.0	19.4	
108 N-Propylbenzene	120	10.476	10.476	0.000	0	48973	20.0	20.2	
109 2-Chlorotoluene	126	10.512	10.512	0.000	0	42818	20.0	19.7	
110 4-Ethyltoluene	105	10.701	10.701	0.000	0	175556	20.0	20.0	
111 4-Chlorotoluene	91	10.726	10.726	0.000	0	158307	20.0	20.6	
112 1,3,5-Trimethylbenzene	105	10.829	10.829	0.000	0	145546	20.0	19.0	
100 Butyl Methacrylate	87	11.213	11.213	0.000	0	31304	20.0	13.6	
113 tert-Butylbenzene	119	11.360	11.360	0.000	0	108993	20.0	18.1	
114 1,2,4-Trimethylbenzene	105	11.445	11.445	0.000	0	148610	20.0	19.5	
115 sec-Butylbenzene	105	11.750	11.750	0.000	0	184895	20.0	18.7	
116 1,3-Dichlorobenzene	146	11.817	11.817	0.000	0	86817	20.0	20.5	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	0	168464	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.000	12.000	0.000	0	87436	20.0	20.1	
119 4-Isopropyltoluene	119	12.085	12.085	0.000	0	161502	20.0	19.3	
120 1,2,3-Trimethylbenzene	105	12.183	12.183	0.000	0	153857	20.0	18.9	
121 Benzyl chloride	126	12.329	12.329	0.000	0	12402	20.0	17.3	
122 2,3-Dihydroindene	117	12.512	12.512	0.000	0	141511	20.0	19.4	
123 1,2-Dichlorobenzene	146	12.695	12.695	0.000	0	79463	20.0	19.8	
124 p-Diethylbenzene	119	12.829	12.829	0.000	0	81345	20.0	17.8	
125 n-Butylbenzene	92	12.853	12.853	0.000	0	96188	20.0	19.1	
126 1,2-Dibromo-3-Chloropropane	157	13.603	13.603	0.000	0	6692	20.0	17.0	
127 1,2,4,5-Tetramethylbenzene	119	13.640	13.640	0.000	0	129156	20.0	19.7	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	0	66774	20.0	21.1	
129 1,2,4-Trichlorobenzene	180	14.231	14.231	0.000	0	56697	20.0	20.6	
130 Hexachlorobutadiene	225	14.377	14.377	0.000	0	30023	20.0	20.0	
131 Naphthalene	128	14.383	14.383	0.000	0	113659	20.0	18.1	
132 1,2,3-Trichlorobenzene	180	14.542	14.542	0.000	0	55043	20.0	20.4	
S 133 1,2-Dichloroethene, Total	100				0		40.0	44.3	
S 134 1,3-Dichloropropene, Total	100				0		40.0	36.7	
S 135 Xylenes, Total	100				0		40.0	37.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	95.6	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GASES Li_00470	Amount Added:	2.00	Units: uL	
524freon_00050	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00152	Amount Added:	2.00	Units: uL	
ACROLEIN W_00138	Amount Added:	3.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

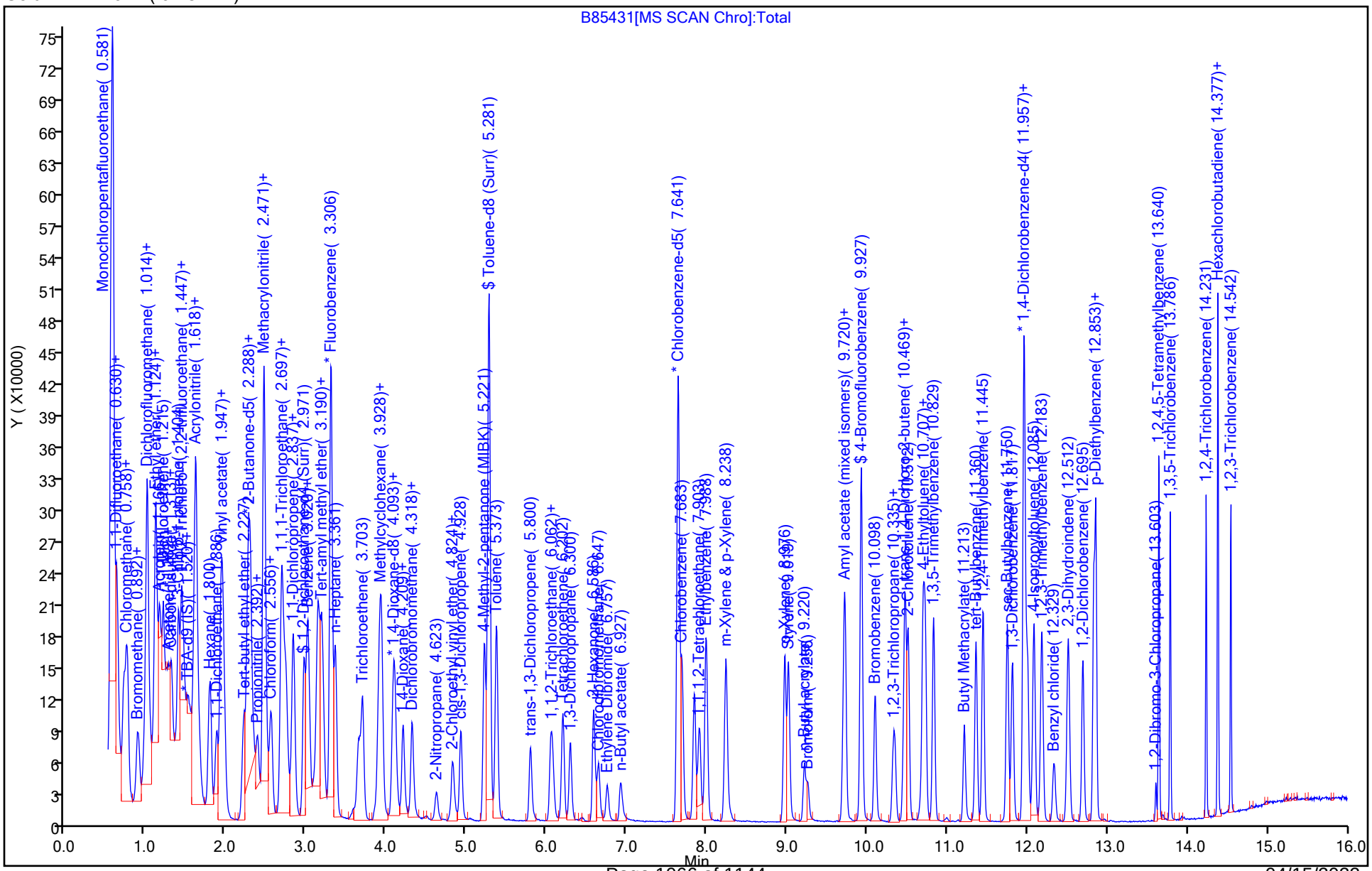
Report Date: 11-Apr-2022 10:43:06 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85431.D

Injection Date:	08-Apr-2022 16:25:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85431.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 08-Apr-2022 16:25:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0143790-003
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:43:05 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: parekhv Date: 08-Apr-2022 16:47:48

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	52.2	104.35
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	50.6	101.25
$ 79 Toluene-d8 (Surr)	50.0	46.5	93.05
$ 103 4-Bromofluorobenzene	50.0	49.9	99.75

Manual Integration/User Assign Peak Report

Eurofins Edison

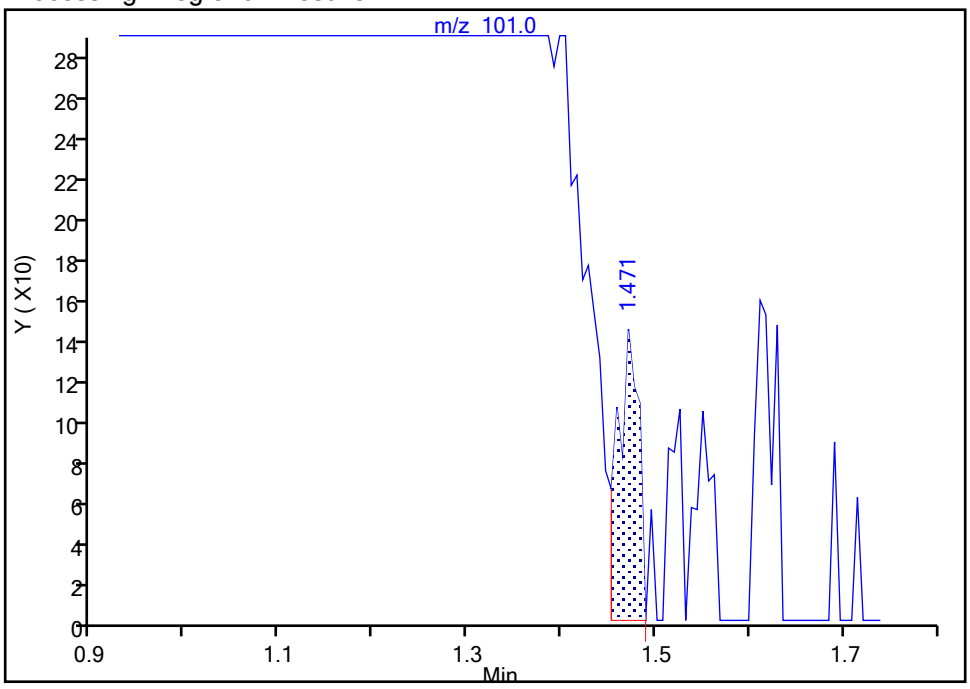
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85431.D
Injection Date: 08-Apr-2022 16:25:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

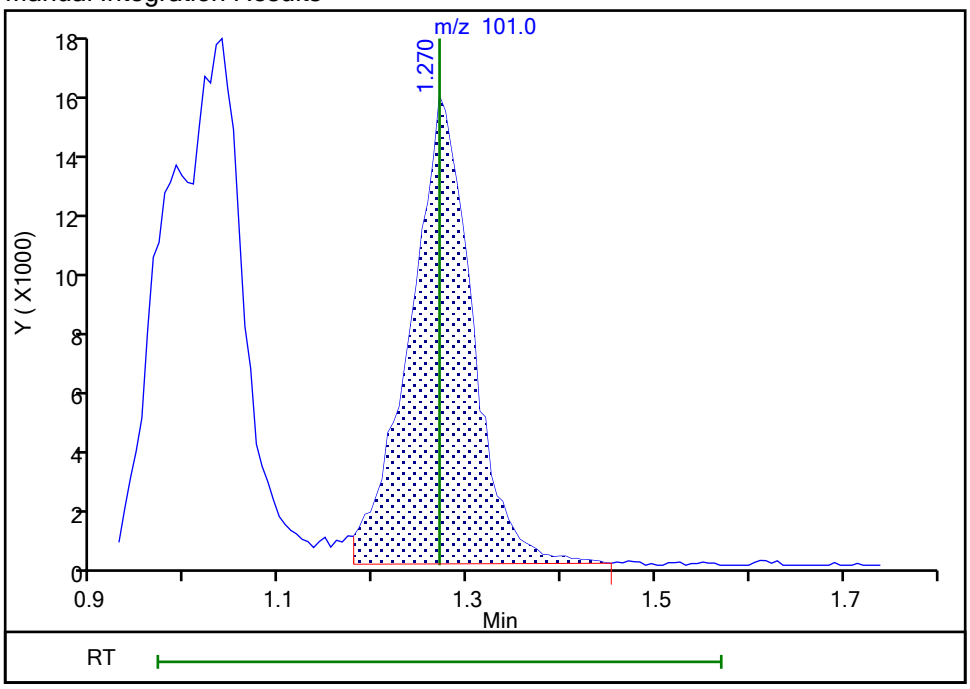
Processing Integration Results

RT: 1.47
Area: 222
Amount: 0.086987
Amount Units: ug/l



Manual Integration Results

RT: 1.27
Area: 69816
Amount: 27.356170
Amount Units: ug/l



Reviewer: parekhv, 08-Apr-2022 16:46:25
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

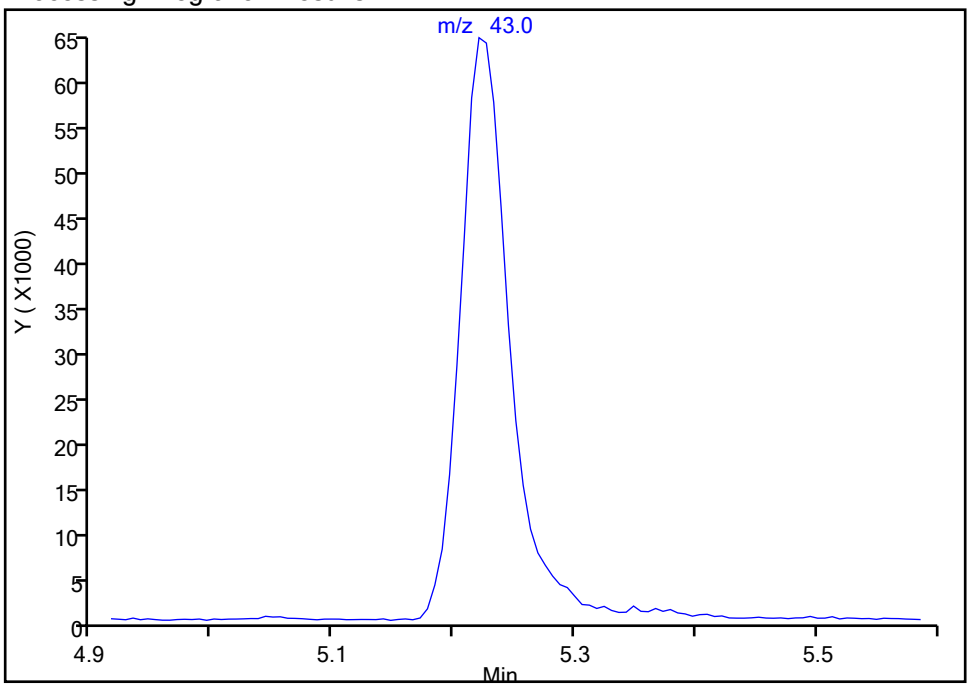
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85431.D
Injection Date: 08-Apr-2022 16:25:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

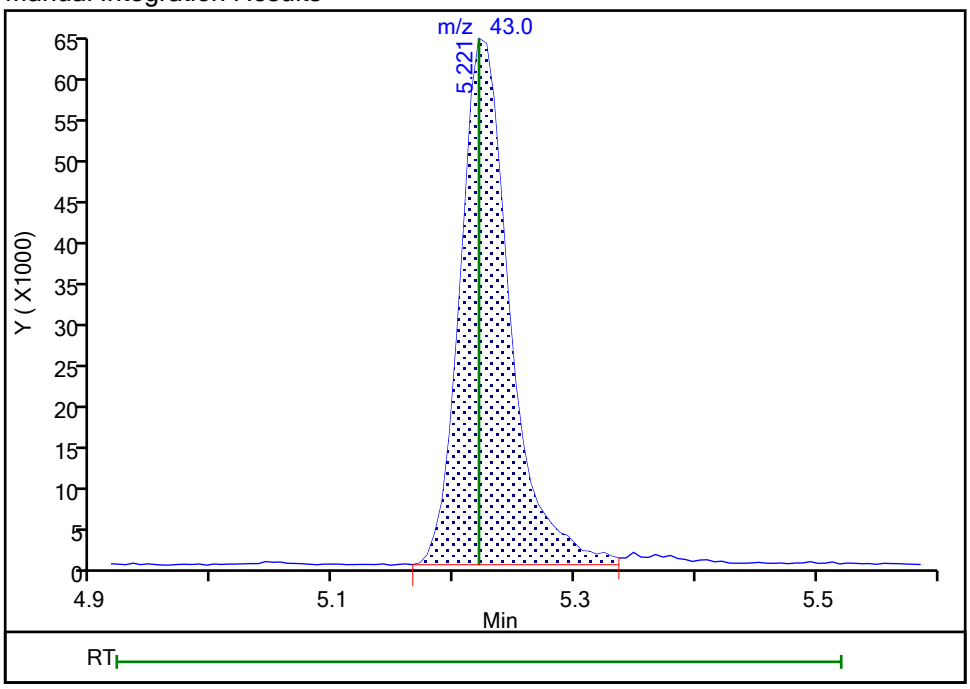
Not Detected
Expected RT: 5.22

Processing Integration Results



Manual Integration Results

RT: 5.22
Area: 182972
Amount: 90.467045
Amount Units: ug/l



Reviewer: parekhv, 08-Apr-2022 16:47:13
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-838227/3

Matrix: Solid | Lab File ID: B85462.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/09/2022 05:53

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 838227 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0212		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0195		0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0259		0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0192		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0218		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0247		0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0197		0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0199		0.0010	0.00036
95-63-6	1,2,4-Trimethylbenzene	0.0187		0.0010	0.00025
78-87-5	1,2-Dichloropropane	0.0192		0.0010	0.00042
108-67-8	1,3,5-Trimethylbenzene	0.0185		0.0010	0.00031
541-73-1	1,3-Dichlorobenzene	0.0188		0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.0184		0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0909		0.0050	0.00037
591-78-6	2-Hexanone	0.0784		0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0815		0.0050	0.0016
67-64-1	Acetone	0.102		0.0060	0.0057
71-43-2	Benzene	0.0193		0.0010	0.00026
75-25-2	Bromoform	0.0179		0.0010	0.00043
74-83-9	Bromomethane	0.0229		0.0020	0.0010
75-15-0	Carbon disulfide	0.0243		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0211		0.0010	0.00039
108-90-7	Chlorobenzene	0.0186		0.0010	0.00018
74-97-5	Chlorobromomethane	0.0191		0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0182		0.0010	0.00019
75-00-3	Chloroethane	0.0225		0.0010	0.00052
67-66-3	Chloroform	0.0192		0.0010	0.00097
74-87-3	Chloromethane	0.0207		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0196		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0191		0.0010	0.00027
110-82-7	Cyclohexane	0.0203		0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0179		0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.0183		0.0010	0.00034
100-41-4	Ethylbenzene	0.0186		0.0010	0.00020
106-93-4	Ethylene Dibromide	0.0190		0.0010	0.00018

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-838227/3

Matrix: Solid | Lab File ID: B85462.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/09/2022 05:53

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 838227 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	0.0169		0.0010	0.00029
79-20-9	Methyl acetate	0.0482		0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0230		0.0010	0.00051
108-87-2	Methylcyclohexane	0.0190		0.0010	0.00050
75-09-2	Methylene Chloride	0.0223		0.0020	0.0011
179601-23-1	m-Xylene & p-Xylene	0.0185		0.0010	0.00017
104-51-8	n-Butylbenzene	0.0184		0.0010	0.00029
103-65-1	N-Propylbenzene	0.0187		0.0010	0.00018
95-47-6	o-Xylene	0.0165		0.0010	0.00019
135-98-8	sec-Butylbenzene	0.0185		0.0010	0.00029
100-42-5	Styrene	0.0169		0.0010	0.00028
107-06-2	1,2-Dichloroethane	0.0190		0.0010	0.00030
98-06-6	tert-Butylbenzene	0.0185		0.0010	0.00028
95-50-1	1,2-Dichlorobenzene	0.0189		0.0010	0.00036
127-18-4	Tetrachloroethene	0.0197		0.0010	0.00031
96-12-8	1,2-Dibromo-3-Chloropropane	0.0191		0.0010	0.00046
108-88-3	Toluene	0.0187		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0227		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0181		0.0010	0.00027
79-01-6	Trichloroethene	0.0187		0.0010	0.00032
75-69-4	Trichlorofluoromethane	0.0233		0.0010	0.00041
75-01-4	Vinyl chloride	0.0218		0.0010	0.00055
1330-20-7	Xylenes, Total	0.0350		0.0020	0.00064

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		77-145
460-00-4	4-Bromofluorobenzene	102		70-139
1868-53-7	Dibromofluoromethane (Surr)	101		48-150
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85462.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 09-Apr-2022 05:53:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0143808-003
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 11:19:15 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 11:33:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.599	0.599	0.000	36	3936	20.0	16.0	a
2 1,1-Difluoroethane	51	0.636	0.636	0.000	0	149567	20.0	23.4	
3 Dichlorodifluoromethane	85	0.642	0.642	0.000	0	75255	20.0	18.3	
4 Chlorodifluoromethane	67	0.642	0.642	0.000	0	13907	20.0	24.3	
5 Chloromethane	50	0.721	0.721	0.000	0	119581	20.0	20.7	
6 Butadiene	54	0.752	0.752	0.000	0	77724	20.0	21.5	
7 Vinyl chloride	62	0.758	0.758	0.000	0	85438	20.0	21.8	
8 Bromomethane	94	0.892	0.892	0.000	0	49214	20.0	22.9	
9 Chloroethane	64	0.904	0.904	0.000	0	45793	20.0	22.5	
10 Dichlorofluoromethane	67	1.002	1.002	0.000	0	124831	20.0	24.7	
12 Pentane	72	1.020	1.020	0.000	96	21587	40.0	51.4	
11 Trichlorofluoromethane	101	0.983	0.983	0.000	97	87962	20.0	23.3	Ma
14 Ethanol	46	1.142	1.142	0.000	75	9624	800.0	672.8	M
13 Ethyl ether	59	1.111	1.111	0.000	0	42703	20.0	23.8	
15 2-Methyl-1,3-butadiene	53	1.124	1.124	0.000	90	56500	20.0	24.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.142	1.142	0.000	0	45876	20.0	21.8	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.166	1.166	0.000	86	81480	20.0	22.8	a
18 Acrolein	56	1.178	1.178	0.000	0	98794	304.2	339.7	
19 1,1-Dichloroethene	96	1.215	1.215	0.000	94	49762	20.0	24.7	
21 Acetone	43	1.258	1.258	0.000	0	91939	100.0	102.2	
20 112TCTFE	101	1.264	1.264	0.000	80	61262	20.0	25.9	a
22 Iodomethane	142	1.288	1.288	0.000	0	83052	20.0	22.9	
23 Carbon disulfide	76	1.319	1.319	0.000	0	206649	20.0	24.3	
24 Isopropyl alcohol	45	1.361	1.361	0.000	56	49636	200.0	162.5	
25 3-Chloro-1-propene	39	1.404	1.404	0.000	90	86612	20.0	23.6	
26 Methyl acetate	43	1.422	1.422	0.000	0	85317	40.0	48.2	
27 Acetonitrile	39	1.441	1.441	0.000	79	49279	200.0	206.0	a
28 Methylene Chloride	84	1.471	1.471	0.000	0	58100	20.0	22.3	
* 29 TBA-d9 (IS)	65	1.544	1.544	0.000	0	416603	1000.0	1000.0	M
30 2-Methyl-2-propanol	59	1.581	1.581	0.000	91	80558	200.0	195.5	a
31 Acrylonitrile	53	1.617	1.617	0.000	0	210080	200.0	192.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.624	1.624	0.000	0	53068	20.0	22.7	
33 Methyl tert-butyl ether	73	1.642	1.642	0.000	0	149403	20.0	23.0	
34 Hexane	57	1.800	1.800	0.000	0	95535	20.0	24.6	
35 1,1-Dichloroethane	63	1.886	1.886	0.000	0	107080	20.0	21.8	
36 Vinyl acetate	86	1.941	1.941	0.000	0	15164	40.0	43.3	
37 2-Chloro-1,3-butadiene	88	1.947	1.947	0.000	0	43492	20.0	20.2	
38 Isopropyl ether	45	1.971	1.971	0.000	0	189370	20.0	20.5	
39 Tert-butyl ethyl ether	87	2.227	2.227	0.000	0	47967	20.0	18.3	
* 40 2-Butanone-d5	46	2.282	2.282	0.000	0	335687	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.294	2.294	0.000	0	46779	20.0	19.6	
42 2,2-Dichloropropane	79	2.306	2.306	0.000	0	26336	20.0	20.5	
43 2-Butanone (MEK)	72	2.331	2.331	0.000	0	25434	100.0	90.9	
44 Propionitrile	54	2.367	2.367	0.000	95	61504	200.0	170.9	
45 Ethyl acetate	70	2.398	2.398	0.000	0	8452	40.0	37.3	
62 Methyl acrylate	55	2.410	2.410	0.000	0	45926	20.0	20.2	
47 Methacrylonitrile	67	2.477	2.477	0.000	0	157746	200.0	192.1	
46 Chlorobromomethane	128	2.477	2.477	0.000	0	21145	20.0	19.1	
48 Tetrahydrofuran	72	2.532	2.532	0.000	0	11554	40.0	39.3	
49 Chloroform	83	2.562	2.562	0.000	0	78236	20.0	19.2	
$ 50 Dibromofluoromethane (Surr)	113	2.690	2.690	0.000	0	112812	50.0	50.5	
51 1,1,1-Trichloroethane	97	2.703	2.703	0.000	0	75899	20.0	21.2	
52 Cyclohexane	84	2.745	2.745	0.000	0	72885	20.0	20.3	
54 1,1-Dichloropropene	75	2.837	2.837	0.000	0	59553	20.0	19.4	
53 Carbon tetrachloride	117	2.849	2.849	0.000	0	63279	20.0	21.1	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	138776	50.0	52.5	
56 Benzene	78	3.026	3.026	0.000	0	168869	20.0	19.3	
57 1,2-Dichloroethane	62	3.050	3.050	0.000	0	56762	20.0	19.0	
58 Isobutyl alcohol	42	3.105	3.105	0.000	76	33495	500.0	350.8	Ma
59 Tert-amyl methyl ether	73	3.196	3.196	0.000	0	126580	20.0	17.6	
73 Isopropyl acetate	43	3.202	3.202	0.000	0	156000	20.0	18.1	
* 60 Fluorobenzene	96	3.318	3.318	0.000	97	453350	50.0	50.0	
61 n-Heptane	43	3.373	3.373	0.000	0	94835	20.0	20.2	
63 Trichloroethene	95	3.708	3.708	0.000	0	39146	20.0	18.7	
64 n-Butanol	43	3.879	3.879	0.000	67	3003	500.0	91.7	Ma
65 Methylcyclohexane	83	3.916	3.916	0.000	0	78255	20.0	19.0	
66 Ethyl acrylate	55	3.928	3.928	0.000	0	113750	20.0	18.6	
67 1,2-Dichloropropane	63	3.952	3.952	0.000	0	45647	20.0	19.2	
68 Dibromomethane	93	4.086	4.086	0.000	0	22450	20.0	18.8	
* 69 1,4-Dioxane-d8	96	4.141	4.141	0.000	0	18880	1000.0	1000.0	
70 1,4-Dioxane	88	4.196	4.196	0.000	32	6761	400.0	353.9	a
71 Methyl methacrylate	100	4.221	4.221	0.000	0	13719	40.0	33.5	
72 Dichlorobromomethane	83	4.324	4.324	0.000	0	48542	20.0	17.9	
81 n-Propyl acetate	43	4.336	4.336	0.000	97	50915	20.0	19.0	
74 2-Nitropropane	41	4.635	4.635	0.000	0	17606	40.0	37.4	
75 2-Chloroethyl vinyl ether	63	4.806	4.806	0.000	71	8197	20.0	14.8	
76 Epichlorohydrin	57	4.836	4.836	0.000	0	68659	400.0	343.1	
77 cis-1,3-Dichloropropene	75	4.934	4.934	0.000	0	57067	20.0	19.1	
78 4-Methyl-2-pentanone (MIBK)	43	5.233	5.233	0.000	97	191787	100.0	81.5	a
$ 79 Toluene-d8 (Surr)	98	5.287	5.287	0.000	0	425644	50.0	51.5	
80 Toluene	91	5.379	5.379	0.000	0	158508	20.0	18.7	
82 trans-1,3-Dichloropropene	75	5.800	5.800	0.000	0	44855	20.0	18.1	
83 1,1,2-Trichloroethane	83	6.056	6.056	0.000	0	25222	20.0	19.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.080	6.080	0.000	74	32794	20.0	16.1	a
85 Tetrachloroethene	166	6.208	6.208	0.000	0	36233	20.0	19.7	
86 1,3-Dichloropropane	76	6.299	6.299	0.000	0	51170	20.0	18.7	
87 2-Hexanone	43	6.592	6.592	0.000	0	106711	100.0	78.4	
88 Chlorodibromomethane	129	6.653	6.653	0.000	0	29100	20.0	18.2	
89 Ethylene Dibromide	107	6.763	6.763	0.000	0	27067	20.0	19.0	
90 n-Butyl acetate	43	6.927	6.927	0.000	0	43025	20.0	16.4	
* 91 Chlorobenzene-d5	117	7.647	7.647	0.000	88	285023	50.0	50.0	
92 Chlorobenzene	112	7.695	7.695	0.000	0	91002	20.0	18.6	
93 1,1,1,2-Tetrachloroethane	131	7.909	7.909	0.000	0	31545	20.0	17.7	
94 Ethylbenzene	106	7.994	7.994	0.000	0	49299	20.0	18.6	
95 m-Xylene & p-Xylene	106	8.244	8.244	0.000	0	56779	20.0	18.5	
96 o-Xylene	106	8.976	8.976	0.000	0	51060	20.0	16.5	
97 Styrene	104	9.018	9.018	0.000	0	83657	20.0	16.9	
98 n-Butyl acrylate	73	9.220	9.220	0.000	96	15066	20.0	12.5	
99 Bromoform	173	9.268	9.268	0.000	0	17304	20.0	17.9	
101 Amyl acetate (mixed isomers)	43	9.707	9.707	0.000	0	43694	20.0	15.5	
102 Isopropylbenzene	105	9.726	9.726	0.000	0	153705	20.0	16.9	
$ 103 4-Bromofluorobenzene	174	9.933	9.933	0.000	0	103886	50.0	51.1	
104 Bromobenzene	156	10.104	10.104	0.000	0	35188	20.0	19.6	
105 1,2,3-Trichloropropane	110	10.323	10.323	0.000	0	10143	20.0	20.2	
106 1,1,2,2-Tetrachloroethane	83	10.347	10.347	0.000	0	37419	20.0	19.5	
107 trans-1,4-Dichloro-2-butene	53	10.445	10.445	0.000	0	9952	20.0	17.2	
108 N-Propylbenzene	120	10.482	10.482	0.000	0	38945	20.0	18.7	
109 2-Chlorotoluene	126	10.512	10.512	0.000	0	36354	20.0	19.5	
110 4-Ethyltoluene	105	10.701	10.701	0.000	0	140650	20.0	18.7	
111 4-Chlorotoluene	91	10.731	10.731	0.000	0	123282	20.0	18.7	
112 1,3,5-Trimethylbenzene	105	10.835	10.835	0.000	0	121732	20.0	18.5	
100 Butyl Methacrylate	87	11.219	11.219	0.000	0	25526	20.0	12.9	
113 tert-Butylbenzene	119	11.366	11.366	0.000	0	95291	20.0	18.5	
114 1,2,4-Trimethylbenzene	105	11.451	11.451	0.000	0	122047	20.0	18.7	
115 sec-Butylbenzene	105	11.756	11.756	0.000	0	156910	20.0	18.5	
116 1,3-Dichlorobenzene	146	11.817	11.817	0.000	0	68342	20.0	18.8	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	97	144389	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.006	12.006	0.000	0	68410	20.0	18.4	
119 4-Isopropyltoluene	119	12.085	12.085	0.000	0	134691	20.0	18.8	
120 1,2,3-Trimethylbenzene	105	12.189	12.189	0.000	0	127541	20.0	18.2	
121 Benzyl chloride	126	12.335	12.335	0.000	0	11160	20.0	18.2	
122 2,3-Dihydroindene	117	12.518	12.518	0.000	0	114742	20.0	17.1	
123 1,2-Dichlorobenzene	146	12.701	12.701	0.000	0	65052	20.0	18.9	
124 p-Diethylbenzene	119	12.829	12.829	0.000	91	66638	20.0	17.0	a
125 n-Butylbenzene	92	12.859	12.859	0.000	0	79588	20.0	18.4	
126 1,2-Dibromo-3-Chloropropane	157	13.609	13.609	0.000	0	6434	20.0	19.1	
127 1,2,4,5-Tetramethylbenzene	119	13.646	13.646	0.000	0	102932	20.0	18.4	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	0	54898	20.0	20.2	
129 1,2,4-Trichlorobenzene	180	14.231	14.231	0.000	0	47070	20.0	19.9	
130 Hexachlorobutadiene	225	14.377	14.377	0.000	0	24022	20.0	18.7	
131 Naphthalene	128	14.377	14.377	0.000	0	101658	20.0	18.9	
132 1,2,3-Trichlorobenzene	180	14.542	14.542	0.000	0	45621	20.0	19.7	
S 133 1,2-Dichloroethene, Total	100				0		40.0	42.3	
S 134 1,3-Dichloropropene, Total	100				0		40.0	37.2	
S 135 Xylenes, Total	100				0		40.0	35.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	91.6	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GASES Li_00470	Amount Added:	2.00	Units: uL	
524freon_00050	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00152	Amount Added:	2.00	Units: uL	
ACROLEIN W_00138	Amount Added:	3.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 11-Apr-2022 11:19:16 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85462.D

Injection Date: 09-Apr-2022 05:53:30 Instrument ID: CVOAMS2 Operator ID:

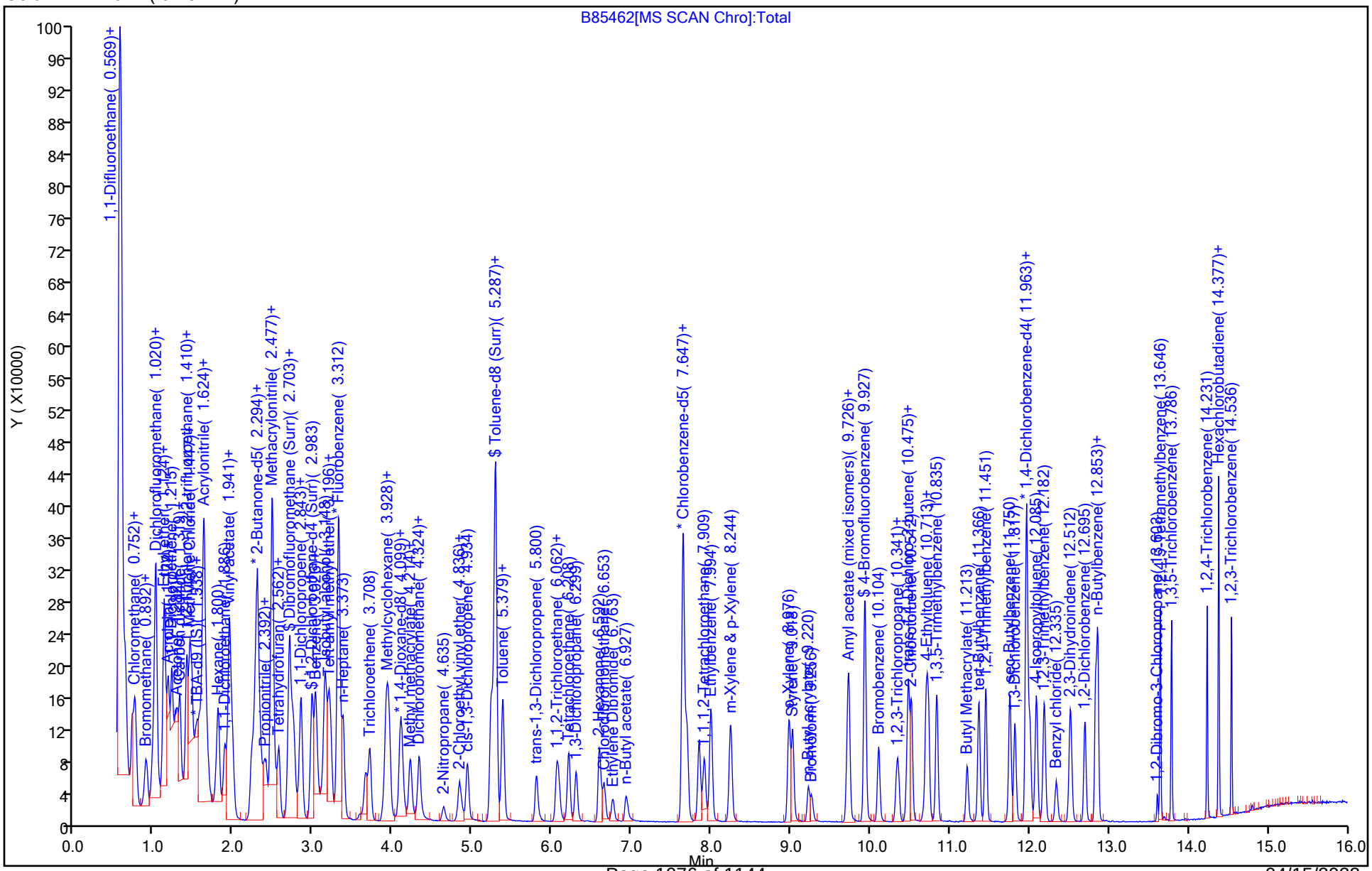
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85462.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 09-Apr-2022 05:53:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0143808-003
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 11:19:15 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 11:33:54

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	50.5	101.05
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	52.5	104.92
$ 79 Toluene-d8 (Surr)	50.0	51.5	103.03
$ 103 4-Bromofluorobenzene	50.0	51.1	102.26

Manual Integration/User Assign Peak Report

Eurofins Edison

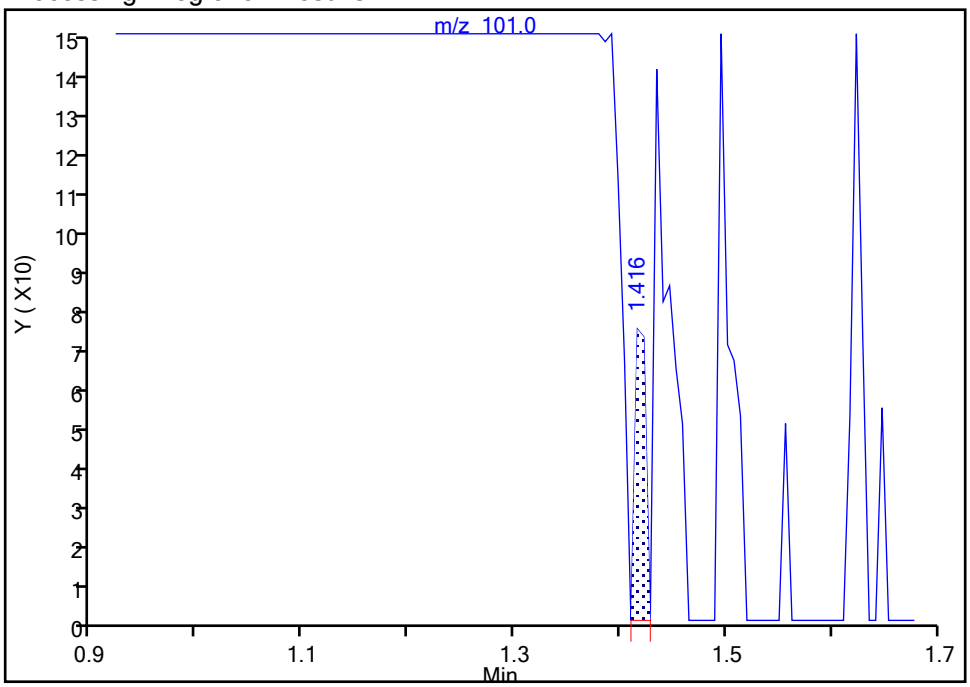
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85462.D
Injection Date: 09-Apr-2022 05:53:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

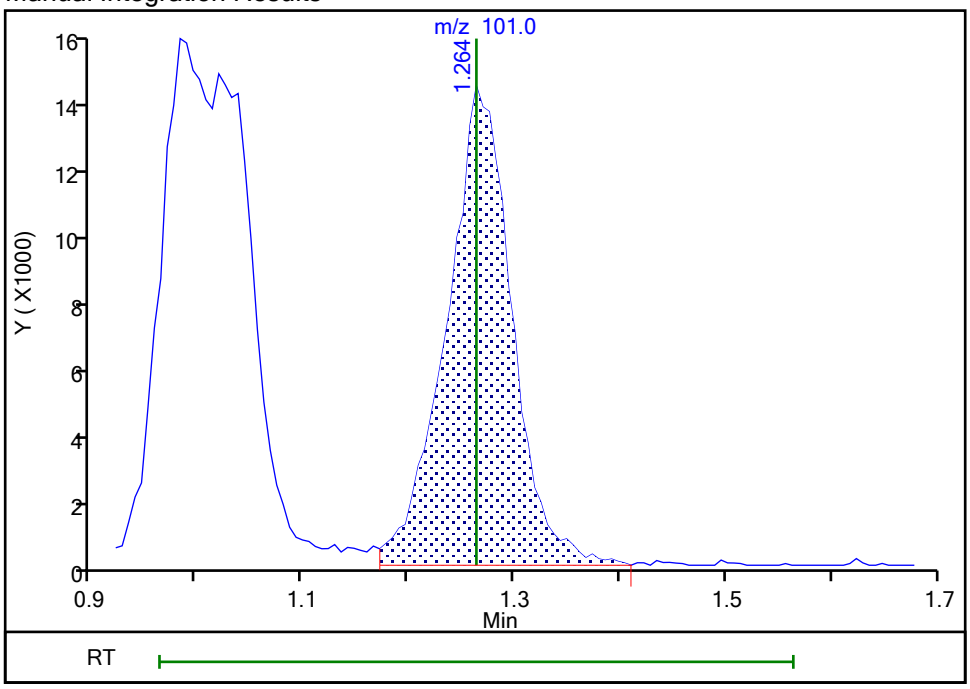
Processing Integration Results

RT: 1.42
Area: 53
Amount: 0.022433
Amount Units: ug/l



Manual Integration Results

RT: 1.26
Area: 61262
Amount: 25.929609
Amount Units: ug/l



Reviewer: tupayachia, 09-Apr-2022 11:31:21
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

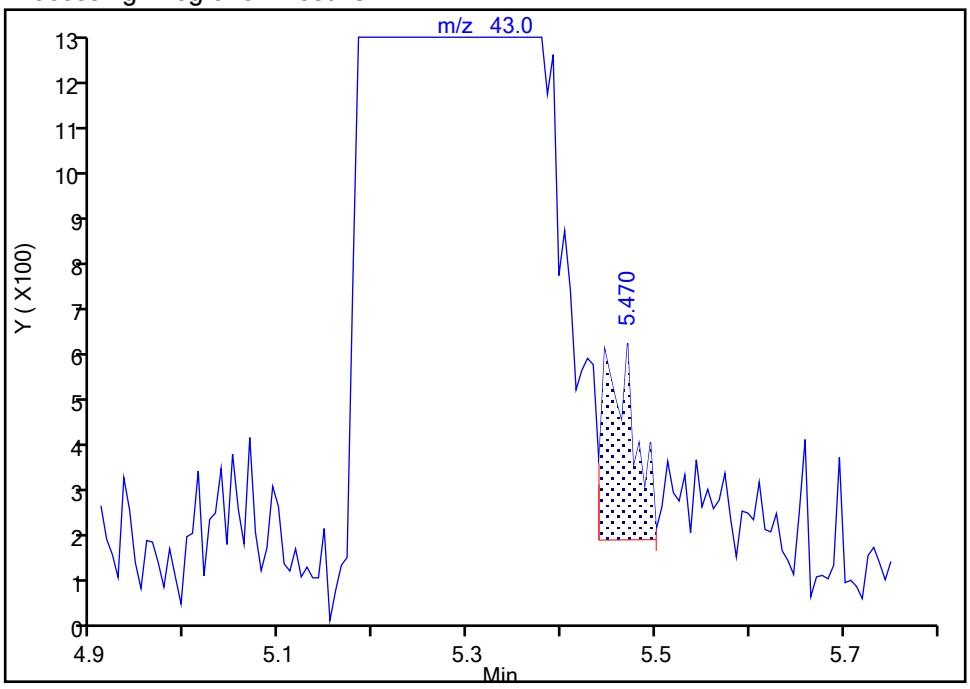
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85462.D
Injection Date: 09-Apr-2022 05:53:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

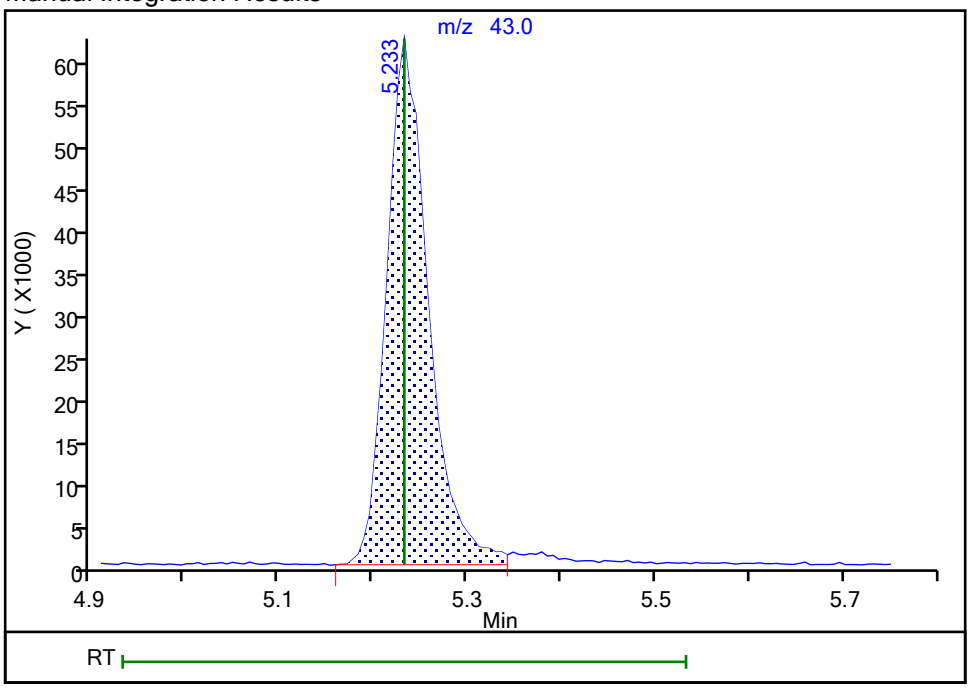
Processing Integration Results

RT: 5.47
Area: 914
Amount: 0.388318
Amount Units: ug/l



Manual Integration Results

RT: 5.23
Area: 191787
Amount: 81.481864
Amount Units: ug/l



Reviewer: tupayachia, 09-Apr-2022 11:32:43
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

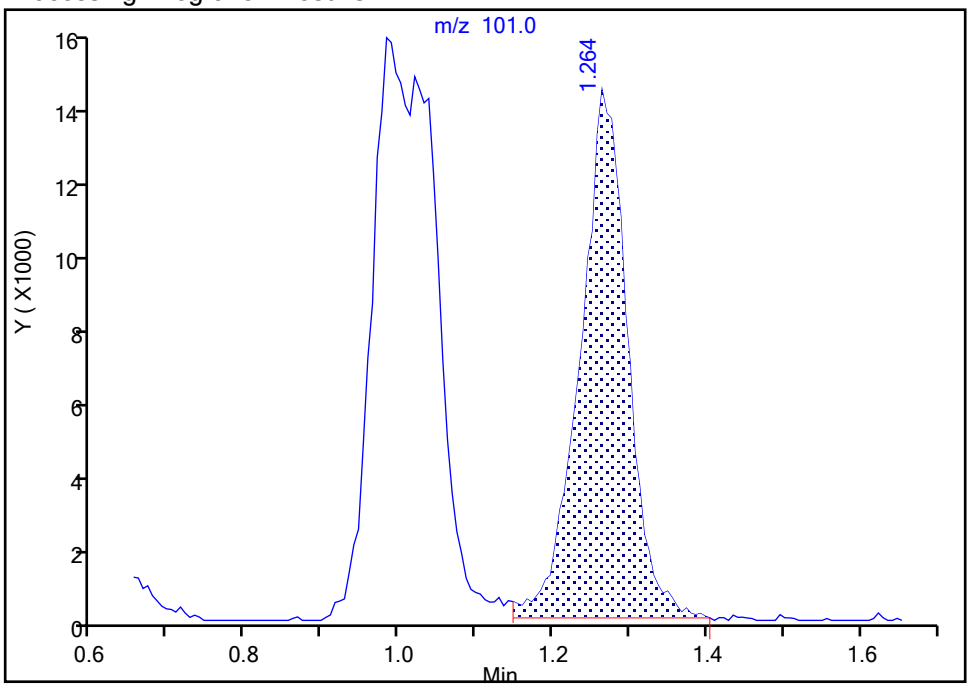
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85462.D
Injection Date: 09-Apr-2022 05:53:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

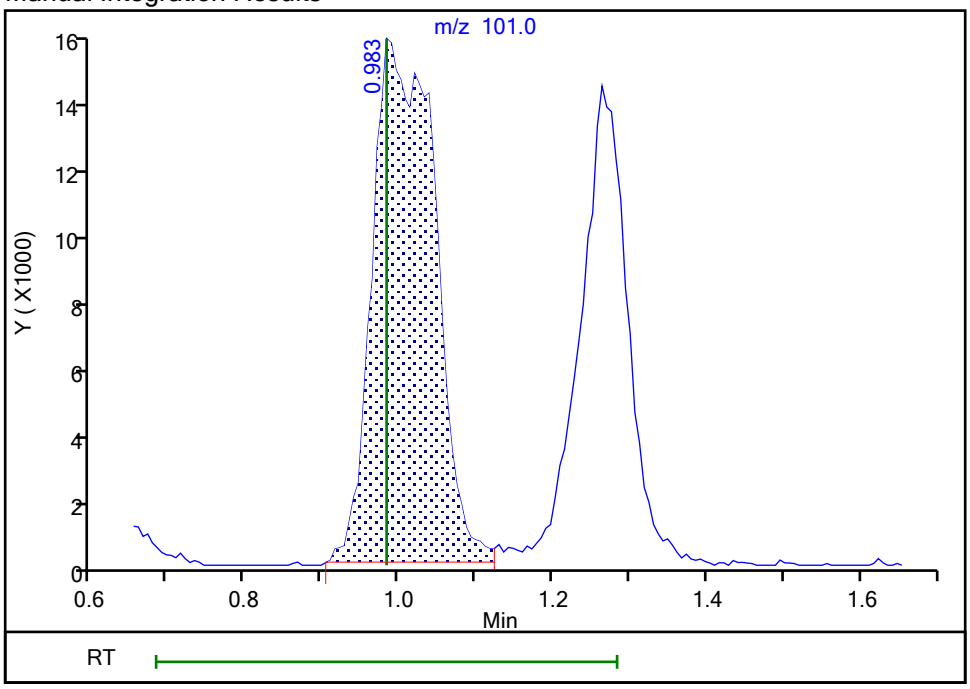
Processing Integration Results

RT: 1.26
Area: 60925
Amount: 16.138468
Amount Units: ug/l



Manual Integration Results

RT: 0.98
Area: 87962
Amount: 23.300319
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 11:18:34
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

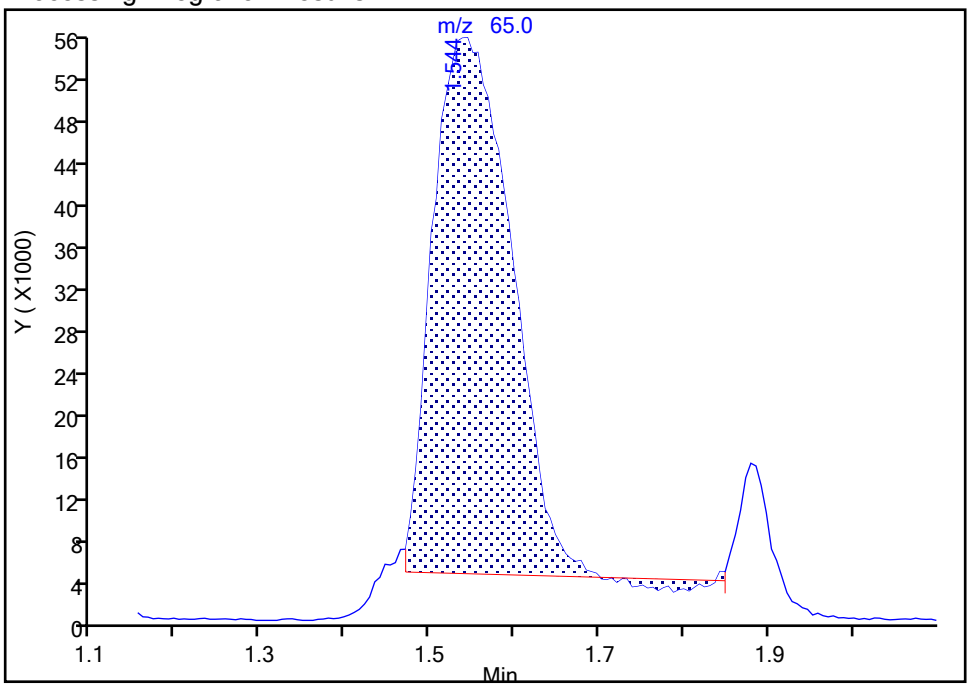
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85462.D
Injection Date: 09-Apr-2022 05:53:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

Processing Integration Results

RT: 1.54
Area: 327064
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.54
Area: 416603
Amount: 1000.0000
Amount Units: ug/l

Reviewer: tupayachia, 09-Apr-2022 11:30:43
Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-838022/5

Matrix: Water | Lab File ID: N47691.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/08/2022 07:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 838022 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.5		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	16.9		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	22.0		1.0	0.31
79-00-5	1,1,2-Trichloroethane	18.5		1.0	0.20
75-34-3	1,1-Dichloroethane	19.0		1.0	0.26
75-35-4	1,1-Dichloroethene	20.5		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	22.9		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	19.8		1.0	0.37
123-91-1	1,4-Dioxane	363		50	28
78-87-5	1,2-Dichloropropane	18.0		1.0	0.35
541-73-1	1,3-Dichlorobenzene	18.7		1.0	0.34
106-46-7	1,4-Dichlorobenzene	18.5		1.0	0.33
78-93-3	2-Butanone (MEK)	100		5.0	1.9
591-78-6	2-Hexanone	95.5		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	94.3		5.0	1.3
67-64-1	Acetone	108		5.0	4.4
71-43-2	Benzene	18.4		1.0	0.20
75-25-2	Bromoform	18.9		1.0	0.54
74-83-9	Bromomethane	21.4		1.0	0.55
75-15-0	Carbon disulfide	19.7		1.0	0.82
56-23-5	Carbon tetrachloride	20.6		1.0	0.21
108-90-7	Chlorobenzene	19.2		1.0	0.38
74-97-5	Chlorobromomethane	20.5		1.0	0.41
124-48-1	Chlorodibromomethane	19.3		1.0	0.28
75-00-3	Chloroethane	19.8		1.0	0.32
67-66-3	Chloroform	19.5		1.0	0.33
74-87-3	Chloromethane	17.9		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.3		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.2		1.0	0.22
110-82-7	Cyclohexane	19.8		1.0	0.32
75-27-4	Dichlorobromomethane	19.2		1.0	0.34
75-71-8	Dichlorodifluoromethane	20.5		1.0	0.31
100-41-4	Ethylbenzene	19.3		1.0	0.30
106-93-4	Ethylene Dibromide	19.5		1.0	0.50
98-82-8	Isopropylbenzene	19.0		1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-838022/5

Matrix: Water | Lab File ID: N47691.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/08/2022 07:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 838022 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	39.0		5.0	0.79
1634-04-4	Methyl tert-butyl ether	19.3		1.0	0.22
108-87-2	Methylcyclohexane	20.8		1.0	0.71
75-09-2	Methylene Chloride	19.6		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	19.3		1.0	0.30
95-47-6	o-Xylene	18.9		1.0	0.36
100-42-5	Styrene	17.4		1.0	0.42
107-06-2	1,2-Dichloroethane	18.6		1.0	0.43
95-50-1	1,2-Dichlorobenzene	18.9		1.0	0.21
127-18-4	Tetrachloroethene	20.8		1.0	0.25
96-12-8	1,2-Dibromo-3-Chloropropane	20.0		1.0	0.38
108-88-3	Toluene	18.5		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.5		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.9		1.0	0.22
79-01-6	Trichloroethene	19.9		1.0	0.31
75-69-4	Trichlorofluoromethane	23.9		1.0	0.32
75-01-4	Vinyl chloride	20.8		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47691.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 08-Apr-2022 07:16:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0143765-005
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-Apr-2022 07:46:13 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1621

First Level Reviewer: moroneyc Date: 08-Apr-2022 07:46:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	1.328	1.322	0.006	0	28335	20.0	20.0	
5 Dichlorodifluoromethane	85	1.359	1.347	0.012	0	87660	20.0	20.5	
6 Chlorodifluoromethane	51	1.371	1.359	0.012	0	53259	20.0	16.0	
7 Chloromethane	52	1.462	1.450	0.012	99	16025	20.0	17.9	M
8 Vinyl chloride	62	1.578	1.572	0.006	0	74301	20.0	20.8	
9 Butadiene	54	1.578	1.572	0.006	0	45763	20.0	20.4	
10 Bromomethane	94	1.827	1.821	0.006	0	59089	20.0	21.4	
11 Chloroethane	64	1.906	1.906	0.000	0	37282	20.0	19.8	
13 Trichlorofluoromethane	101	2.095	2.077	0.018	88	116041	20.0	23.9	a
12 Dichlorofluoromethane	67	2.083	2.077	0.006	0	115527	20.0	20.7	
14 Pentane	72	2.107	2.101	0.006	0	12451	40.0	34.8	
15 Ethanol	46	2.308	2.259	0.049	0	9204	800.0	743.6	
16 Ethyl ether	74	2.296	2.290	0.006	0	33787	20.0	19.8	
17 2-Methyl-1,3-butadiene	53	2.314	2.302	0.012	0	34197	20.0	19.5	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	2.338	2.338	0.000	0	60056	20.0	19.5	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.399	2.393	0.006	91	79807	20.0	19.7	a
20 Acrolein	56	2.454	2.448	0.006	0	7909	40.6	24.3	
21 112TCTFE	101	2.478	2.466	0.012	0	48961	20.0	22.0	
22 1,1-Dichloroethene	96	2.490	2.478	0.012	0	64023	20.0	20.5	
23 Acetone	58	2.569	2.563	0.006	0	28075	100.0	108.3	
24 Iodomethane	142	2.630	2.624	0.006	0	139118	20.0	21.1	
26 Carbon disulfide	76	2.661	2.655	0.006	0	196773	20.0	19.7	
25 Isopropyl alcohol	45	2.655	2.655	-0.001	36	28996	200.0	178.0	a
27 3-Chloro-1-propene	76	2.782	2.776	0.006	0	52998	20.0	24.2	
28 Methyl acetate	74	2.801	2.788	0.013	0	24044	40.0	39.0	
29 Cyclopentene	67	2.807	2.794	0.013	0	120295	20.0	20.1	
30 Acetonitrile	41	2.849	2.837	0.012	98	62183	200.0	172.6	a
* 31 TBA-d9 (IS)	66	2.904	2.892	0.012	0	46938	1000.0	1000.0	
32 Methylene Chloride	84	2.904	2.904	0.000	0	70673	20.0	19.6	
33 2-Methyl-2-propanol	59	2.959	2.959	0.000	96	66955	200.0	206.0	a
34 Methyl tert-butyl ether	73	3.062	3.050	0.012	0	147072	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 trans-1,2-Dichloroethene	96	3.086	3.074	0.012	0	71468	20.0	19.5	
36 Acrylonitrile	53	3.153	3.141	0.012	0	193105	200.0	165.2	
37 Hexane	56	3.226	3.220	0.006	0	17168	20.0	18.5	
38 Isopropyl ether	45	3.433	3.421	0.012	0	119137	20.0	16.7	
39 1,1-Dichloroethane	63	3.458	3.451	0.007	0	97495	20.0	19.0	
40 Vinyl acetate	86	3.470	3.464	0.006	0	17324	40.0	26.4	
41 2-Chloro-1,3-butadiene	88	3.500	3.494	0.006	0	57906	20.0	19.8	
42 Tert-butyl ethyl ether	59	3.731	3.725	0.006	0	131970	20.0	18.7	
* 43 2-Butanone-d5	46	3.920	3.914	0.006	0	224219	250.0	250.0	
44 2,2-Dichloropropane	79	3.938	3.932	0.006	55	22193	20.0	16.4	a
45 cis-1,2-Dichloroethene	96	3.956	3.950	0.006	0	76302	20.0	19.3	
46 2-Butanone (MEK)	72	3.975	3.962	0.013	0	38490	100.0	100.0	
47 Ethyl acetate	70	3.975	3.975	0.000	0	12345	40.0	36.8	
48 Methyl acrylate	55	4.023	4.023	0.000	0	41748	20.0	18.6	
49 Propionitrile	54	4.102	4.090	0.012	0	75682	200.0	166.3	
50 Tetrahydrofuran	72	4.175	4.163	0.012	0	15924	40.0	38.6	
51 Chlorobromomethane	128	4.175	4.169	0.006	0	47149	20.0	20.5	
52 Methacrylonitrile	67	4.194	4.194	0.000	0	240349	200.0	189.9	
53 Chloroform	83	4.224	4.218	0.006	0	112227	20.0	19.5	
54 Cyclohexane	84	4.352	4.346	0.006	0	67295	20.0	19.8	
55 1,1,1-Trichloroethane	97	4.364	4.364	0.000	0	93847	20.0	19.5	
$ 56 Dibromofluoromethane (Surr)	113	4.376	4.370	0.006	0	174920	50.0	51.7	
57 Carbon tetrachloride	117	4.480	4.474	0.006	0	87671	20.0	20.6	
58 1,1-Dichloropropene	75	4.504	4.498	0.006	0	77473	20.0	19.3	
59 Isobutyl alcohol	43	4.632	4.626	0.006	0	45054	500.0	333.4	
60 Isooctane	57	4.668	4.668	0.000	97	54736	20.0	20.1	a
61 Benzene	78	4.693	4.693	-0.001	0	232892	20.0	18.4	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.717	4.711	0.006	0	157303	50.0	50.5	
64 Isopropyl acetate	43	4.753	4.753	0.000	0	114322	20.0	18.3	
63 Tert-amyl methyl ether	73	4.766	4.759	0.007	0	152546	20.0	18.5	
65 1,2-Dichloroethane	62	4.784	4.784	0.000	0	75546	20.0	18.6	
66 n-Heptane	57	4.851	4.845	0.006	0	13391	20.0	17.3	
* 67 Fluorobenzene	96	4.978	4.972	0.006	0	567520	50.0	50.0	
68 n-Butanol	56	5.283	5.277	0.006	0	30805	500.0	356.9	
69 Trichloroethene	95	5.319	5.319	0.000	0	67429	20.0	19.9	
71 Methylcyclohexane	83	5.441	5.441	0.000	0	58797	20.0	20.8	
70 Ethyl acrylate	99	5.447	5.441	0.006	0	9069	20.0	19.6	
72 1,2-Dichloropropane	63	5.599	5.599	0.000	0	50049	20.0	18.0	
* 73 1,4-Dioxane-d8	96	5.660	5.654	0.006	0	35117	1000.0	1000.0	
74 Methyl methacrylate	100	5.684	5.684	0.000	0	34770	40.0	37.8	
75 1,4-Dioxane	88	5.708	5.708	0.000	0	16630	400.0	362.7	
76 Dibromomethane	93	5.727	5.721	0.006	0	43387	20.0	19.2	
77 n-Propyl acetate	43	5.739	5.733	0.006	0	54230	20.0	16.2	
78 Dichlorobromomethane	83	5.879	5.873	0.006	0	80191	20.0	19.2	
79 2-Nitropropane	41	6.207	6.207	0.000	0	21445	40.0	29.5	
80 2-Chloroethyl vinyl ether	63	6.213	6.213	0.000	0	21723	20.0	16.7	
81 Epichlorohydrin	57	6.317	6.311	0.006	0	94229	400.0	374.1	
82 cis-1,3-Dichloropropene	75	6.365	6.366	-0.001	0	88478	20.0	18.2	
83 4-Methyl-2-pentanone (MIBK)	43	6.536	6.536	0.000	0	197024	100.0	94.3	
$ 84 Toluene-d8 (Surr)	98	6.609	6.603	0.006	0	584154	50.0	49.5	
85 Toluene	91	6.682	6.682	0.000	0	250894	20.0	18.5	
86 trans-1,3-Dichloropropene	75	7.035	7.029	0.006	0	77867	20.0	17.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 Ethyl methacrylate	69	7.065	7.065	0.000	0	56657	20.0	16.9	
88 1,1,2-Trichloroethane	83	7.242	7.242	0.000	0	45343	20.0	18.5	
89 Tetrachloroethene	166	7.278	7.278	0.000	0	65072	20.0	20.8	
90 1,3-Dichloropropane	76	7.448	7.442	0.006	0	83804	20.0	18.5	
91 2-Hexanone	58	7.521	7.515	0.006	0	87272	100.0	95.5	
92 n-Butyl acetate	43	7.631	7.637	-0.006	0	53758	20.0	16.5	
93 Chlorodibromomethane	129	7.673	7.673	0.000	0	68344	20.0	19.3	
94 Ethylene Dibromide	107	7.819	7.819	0.000	0	63859	20.0	19.5	
* 95 Chlorobenzene-d5	117	8.361	8.361	0.000	0	474665	50.0	50.0	
96 Chlorobenzene	112	8.397	8.397	0.000	0	181107	20.0	19.2	
97 Ethylbenzene	106	8.507	8.507	0.000	0	88257	20.0	19.3	
98 1,1,1,2-Tetrachloroethane	131	8.519	8.519	0.000	0	71196	20.0	19.2	
99 m-Xylene & p-Xylene	106	8.665	8.665	0.000	0	104477	20.0	19.3	
100 o-Xylene	106	9.182	9.182	0.000	0	106684	20.0	18.9	
101 n-Butyl acrylate	73	9.182	9.182	0.000	0	34732	20.0	16.5	
102 Styrene	104	9.219	9.219	0.000	0	165541	20.0	17.4	
104 Bromoform	173	9.462	9.462	0.000	0	44421	20.0	18.9	
103 Amyl acetate (mixed isomers)	43	9.462	9.462	0.000	0	60142	20.0	14.9	
105 Isopropylbenzene	105	9.614	9.614	0.000	0	241902	20.0	19.0	
$ 106 4-Bromofluorobenzene	174	9.839	9.839	0.000	0	171463	50.0	49.8	
107 Bromobenzene	156	9.985	9.979	0.006	0	77564	20.0	18.4	
108 1,1,2,2-Tetrachloroethane	83	10.046	10.046	0.000	0	73430	20.0	16.9	
109 N-Propylbenzene	91	10.070	10.070	0.000	0	240492	20.0	17.9	
110 1,2,3-Trichloropropane	110	10.095	10.095	0.000	0	26442	20.0	19.0	
111 trans-1,4-Dichloro-2-butene	53	10.119	10.119	0.000	0	12194	20.0	14.6	
112 2-Chlorotoluene	91	10.180	10.180	0.000	0	187843	20.0	17.4	
113 4-Ethyltoluene	105	10.198	10.198	0.000	0	222938	20.0	18.2	
114 1,3,5-Trimethylbenzene	105	10.271	10.271	0.000	0	188783	20.0	18.3	
115 4-Chlorotoluene	91	10.302	10.308	-0.006	0	180434	20.0	17.9	
116 Butyl Methacrylate	87	10.393	10.393	0.000	0	49252	20.0	11.6	
117 tert-Butylbenzene	119	10.581	10.581	0.000	0	147469	20.0	18.8	
118 1,2,4-Trimethylbenzene	105	10.642	10.642	0.000	0	196565	20.0	17.9	
119 sec-Butylbenzene	105	10.794	10.794	0.000	0	191916	20.0	18.1	
120 1,3-Dichlorobenzene	146	10.928	10.922	0.006	0	136719	20.0	18.7	
121 4-Isopropyltoluene	119	10.934	10.934	0.000	0	173805	20.0	18.7	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	0	278696	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.019	11.019	0.000	0	142935	20.0	18.5	
124 1,2,3-Trimethylbenzene	105	11.044	11.044	0.000	0	226287	20.0	17.3	
125 Benzyl chloride	126	11.159	11.159	0.000	0	26680	20.0	13.9	
126 2,3-Dihydroindene	117	11.220	11.220	0.000	0	245857	20.0	18.0	
127 p-Diethylbenzene	119	11.287	11.287	0.000	0	90509	20.0	18.2	
128 n-Butylbenzene	92	11.305	11.305	0.000	0	78029	20.0	18.3	
129 1,2-Dichlorobenzene	146	11.354	11.354	0.000	0	145569	20.0	18.9	
130 1,2,4,5-Tetramethylbenzene	119	11.956	11.950	0.006	0	155901	20.0	17.2	
131 1,2-Dibromo-3-Chloropropane	157	12.035	12.035	0.000	0	23134	20.0	20.0	
132 1,3,5-Trichlorobenzene	180	12.151	12.151	0.000	0	73679	20.0	19.6	
133 1,2,4-Trichlorobenzene	180	12.650	12.650	0.000	0	69728	20.0	19.8	
134 Hexachlorobutadiene	225	12.735	12.735	0.000	0	20102	20.0	21.5	
135 Naphthalene	128	12.845	12.838	0.006	0	242406	20.0	20.1	
136 1,2,3-Trichlorobenzene	180	13.021	13.021	0.000	0	66930	20.0	22.9	
S 137 1,2-Dichloroethene, Total	100				0		40.0	38.8	
S 138 Xylenes, Total	100				0		40.0	38.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		100.0	94.4	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00138	Amount Added:	4.00	Units: uL	
524freon_00050	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00152	Amount Added:	20.00	Units: uL	
GASES Li_00470	Amount Added:	20.00	Units: uL	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00226	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 08-Apr-2022 07:46:14 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47691.D

Injection Date: 08-Apr-2022 07:16:30 Instrument ID: CVOAMS11 Operator ID:

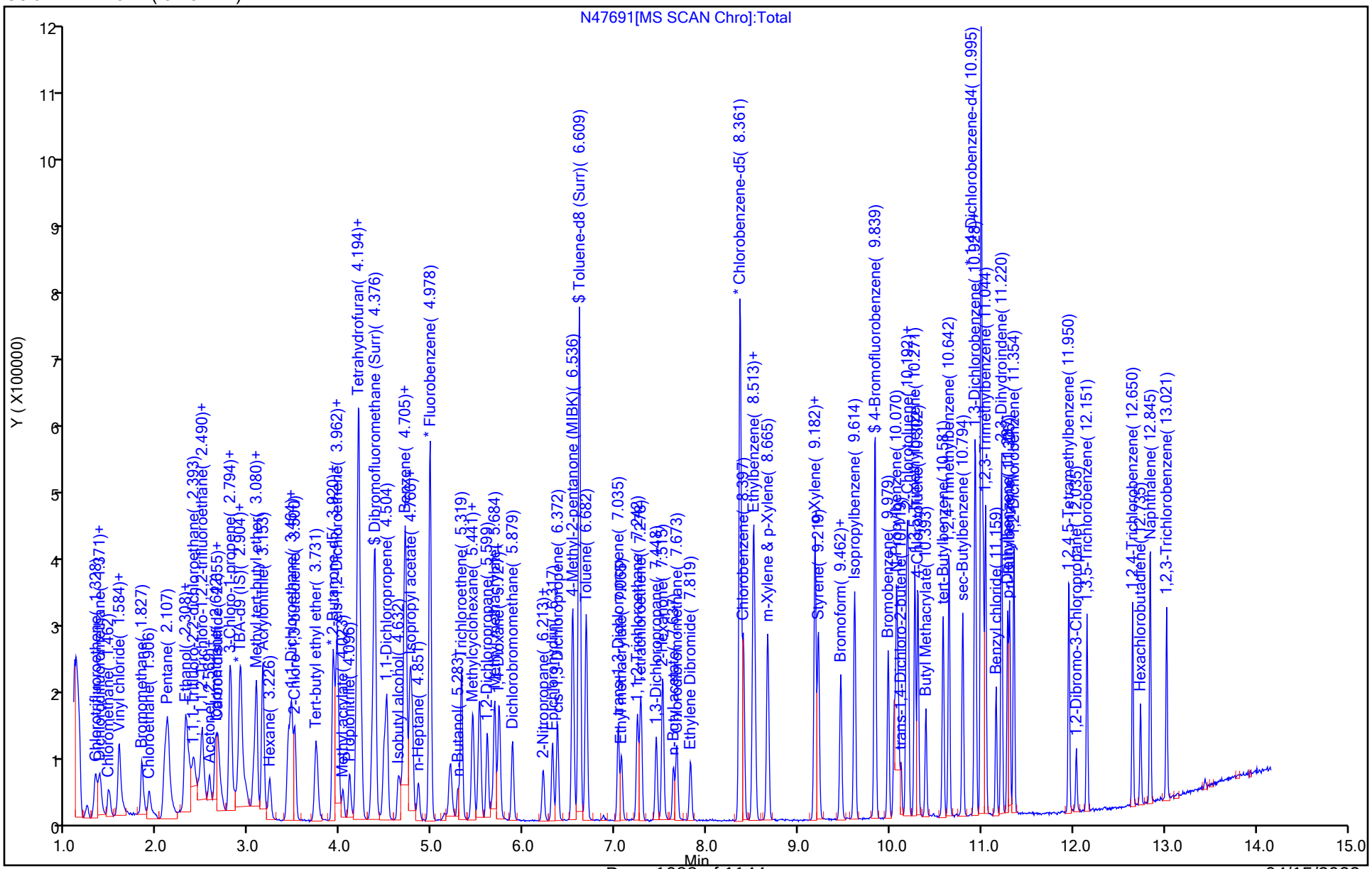
Lims ID: LCSD Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47691.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 08-Apr-2022 07:16:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0143765-005
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-Apr-2022 07:46:13 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1621

First Level Reviewer: moroneyc Date: 08-Apr-2022 07:46:13

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	51.7	103.49
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	50.5	100.96
$ 84 Toluene-d8 (Surr)	50.0	49.5	99.01
$ 106 4-Bromofluorobenzene	50.0	49.8	99.66

Eurofins Edison

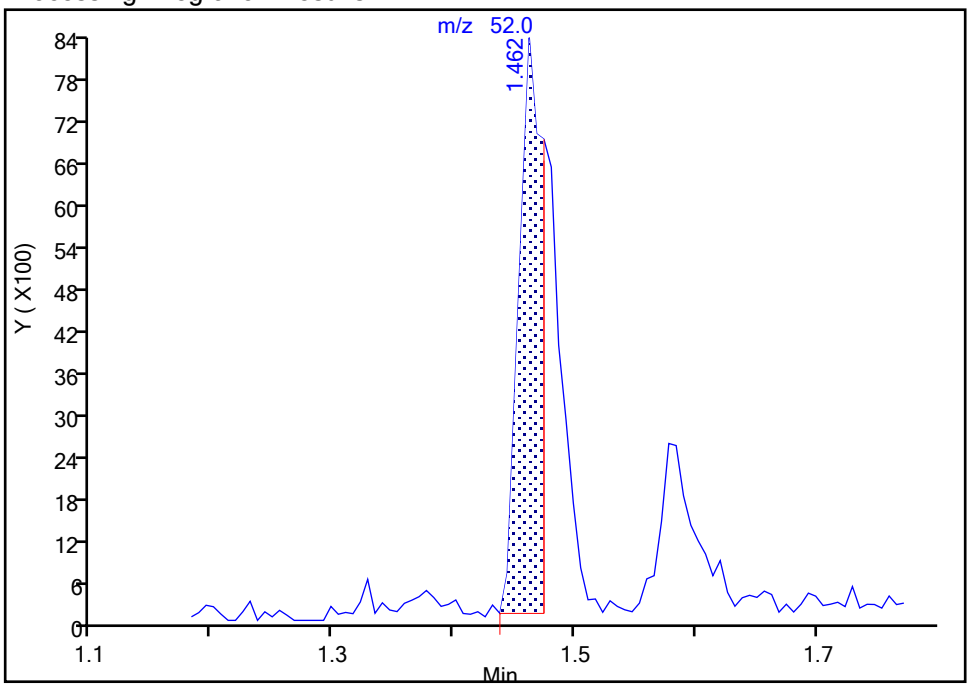
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47691.D
Injection Date: 08-Apr-2022 07:16:30 Instrument ID: CVOAMS11
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Chloromethane, CAS: 74-87-3

Signal: 1

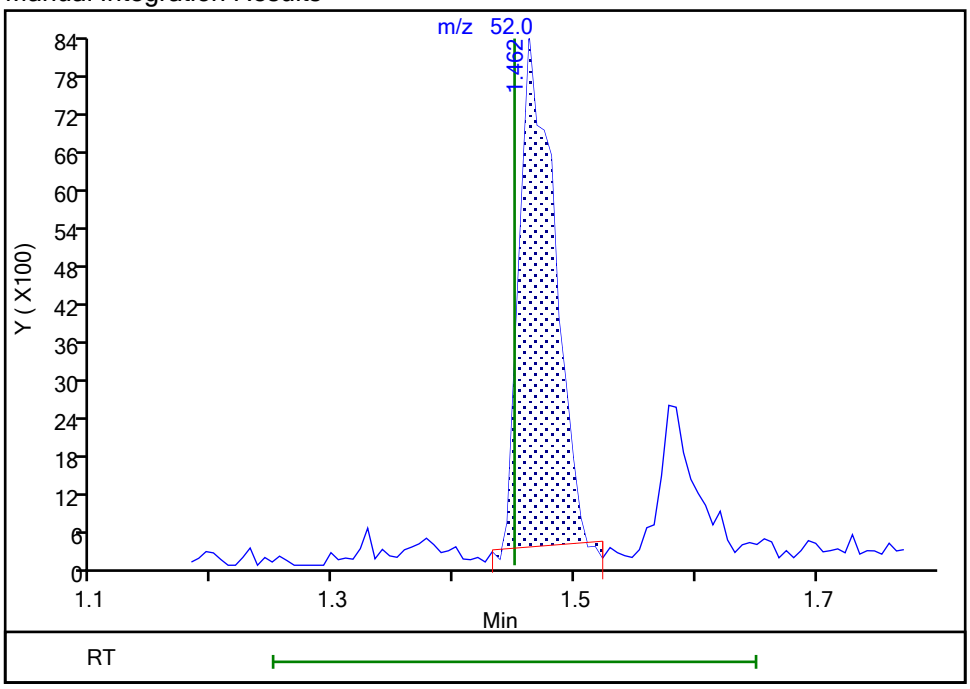
Processing Integration Results

RT: 1.46
Area: 11490
Amount: 12.868564
Amount Units: ug/l



Manual Integration Results

RT: 1.46
Area: 16025
Amount: 17.947670
Amount Units: ug/l



Reviewer: moroneyc, 08-Apr-2022 07:44:38
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

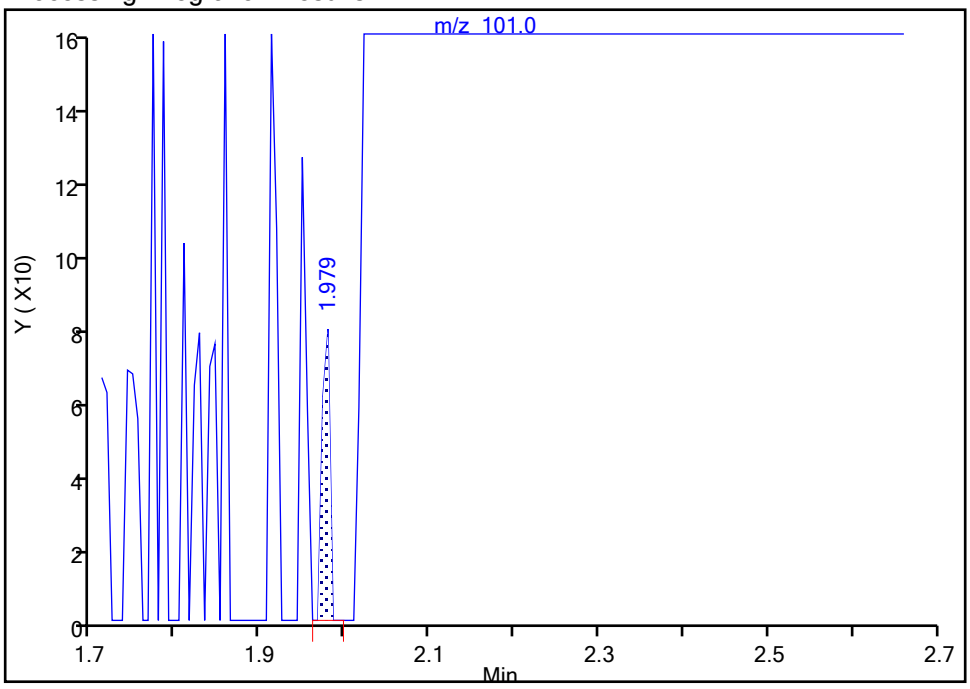
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220408-143765.b\N47691.D
Injection Date: 08-Apr-2022 07:16:30 Instrument ID: CVOAMS11
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

13 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

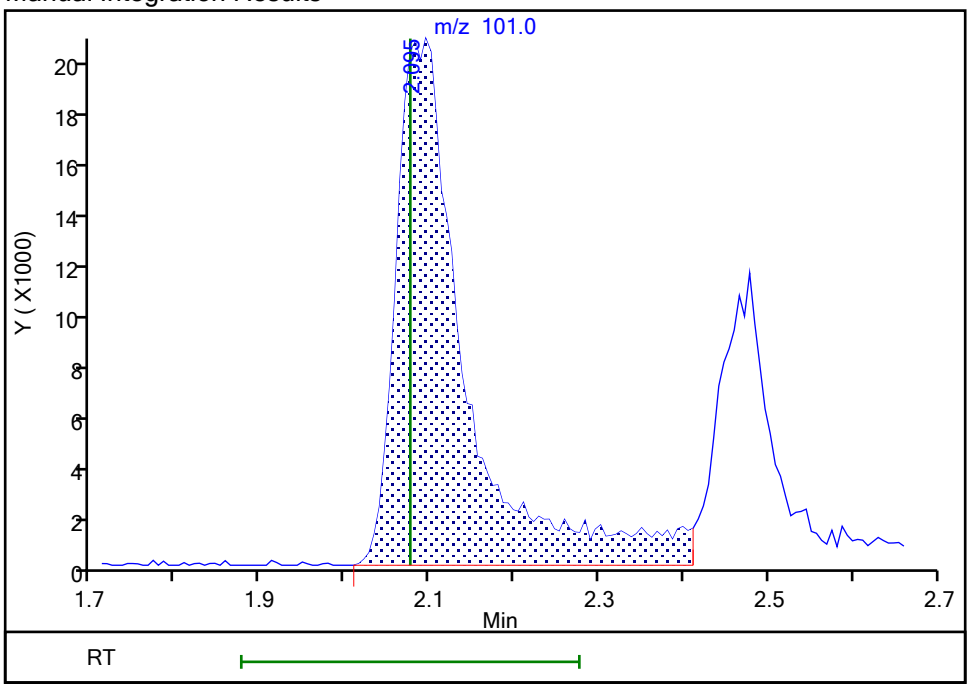
Processing Integration Results

RT: 1.98
Area: 50
Amount: 0.010297
Amount Units: ug/l



Manual Integration Results

RT: 2.09
Area: 116041
Amount: 23.896329
Amount Units: ug/l



Reviewer: moroneyc, 08-Apr-2022 07:44:45
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-838140/4

Matrix: Solid | Lab File ID: B85432.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/08/2022 16:48

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0220		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0199		0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0270		0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0201		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0218		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0259		0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0208		0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0207		0.0010	0.00036
95-63-6	1,2,4-Trimethylbenzene	0.0195		0.0010	0.00025
78-87-5	1,2-Dichloropropane	0.0207		0.0010	0.00042
108-67-8	1,3,5-Trimethylbenzene	0.0191		0.0010	0.00031
541-73-1	1,3-Dichlorobenzene	0.0204		0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.0198		0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0941		0.0050	0.00037
591-78-6	2-Hexanone	0.0902		0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0853		0.0050	0.0016
67-64-1	Acetone	0.109		0.0060	0.0057
71-43-2	Benzene	0.0216		0.0010	0.00026
75-25-2	Bromoform	0.0201		0.0010	0.00043
74-83-9	Bromomethane	0.0230		0.0020	0.0010
75-15-0	Carbon disulfide	0.0261		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0222		0.0010	0.00039
108-90-7	Chlorobenzene	0.0206		0.0010	0.00018
74-97-5	Chlorobromomethane	0.0209		0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0195		0.0010	0.00019
75-00-3	Chloroethane	0.0232		0.0010	0.00052
67-66-3	Chloroform	0.0202		0.0010	0.00097
74-87-3	Chloromethane	0.0228		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0220		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0199		0.0010	0.00027
110-82-7	Cyclohexane	0.0233		0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0193		0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.0240		0.0010	0.00034
100-41-4	Ethylbenzene	0.0202		0.0010	0.00020
106-93-4	Ethylene Dibromide	0.0200		0.0010	0.00018

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-838140/4

Matrix: Solid | Lab File ID: B85432.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/08/2022 16:48

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 838140 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	0.0182		0.0010	0.00029
79-20-9	Methyl acetate	0.0487		0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0236		0.0010	0.00051
108-87-2	Methylcyclohexane	0.0209		0.0010	0.00050
75-09-2	Methylene Chloride	0.0231		0.0020	0.0011
179601-23-1	m-Xylene & p-Xylene	0.0206		0.0010	0.00017
104-51-8	n-Butylbenzene	0.0190		0.0010	0.00029
103-65-1	N-Propylbenzene	0.0204		0.0010	0.00018
95-47-6	o-Xylene	0.0185		0.0010	0.00019
135-98-8	sec-Butylbenzene	0.0191		0.0010	0.00029
100-42-5	Styrene	0.0197		0.0010	0.00028
107-06-2	1,2-Dichloroethane	0.0205		0.0010	0.00030
98-06-6	tert-Butylbenzene	0.0190		0.0010	0.00028
95-50-1	1,2-Dichlorobenzene	0.0199		0.0010	0.00036
127-18-4	Tetrachloroethene	0.0206		0.0010	0.00031
96-12-8	1,2-Dibromo-3-Chloropropane	0.0199		0.0010	0.00046
108-88-3	Toluene	0.0205		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0250		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0199		0.0010	0.00027
79-01-6	Trichloroethene	0.0203		0.0010	0.00032
75-69-4	Trichlorofluoromethane	0.0255		0.0010	0.00041
75-01-4	Vinyl chloride	0.0239		0.0010	0.00055
1330-20-7	Xylenes, Total	0.0391		0.0020	0.00064

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		77-145
460-00-4	4-Bromofluorobenzene	106		70-139
1868-53-7	Dibromofluoromethane (Surr)	104		48-150
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85432.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 08-Apr-2022 16:48:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0143790-004
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:44:38 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: parekhv Date: 08-Apr-2022 17:20:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.587	0.587	0.000	42	4848	20.0	19.7	a
2 1,1-Difluoroethane	51	0.642	0.636	0.006	0	179724	20.0	28.4	
3 Dichlorodifluoromethane	85	0.642	0.636	0.006	0	97768	20.0	24.0	
4 Chlorodifluoromethane	67	0.648	0.648	0.000	0	16203	20.0	28.6	
5 Chloromethane	50	0.728	0.721	0.007	0	130901	20.0	22.8	
7 Vinyl chloride	62	0.764	0.758	0.006	0	92940	20.0	23.9	
6 Butadiene	54	0.764	0.764	0.000	0	84396	20.0	23.6	
8 Bromomethane	94	0.898	0.892	0.006	0	49045	20.0	23.0	
9 Chloroethane	64	0.910	0.910	0.000	0	46709	20.0	23.2	
10 Dichlorofluoromethane	67	1.014	1.008	0.006	0	124085	20.0	24.8	
12 Pentane	72	1.020	1.014	0.006	0	22886	40.0	54.9	
11 Trichlorofluoromethane	101	0.990	1.038	-0.048	0	95366	20.0	25.5	
13 Ethyl ether	59	1.118	1.112	0.006	0	44055	20.0	24.7	
14 Ethanol	46	1.106	1.124	-0.018	73	13718	800.0	945.8	M
15 2-Methyl-1,3-butadiene	53	1.124	1.124	0.000	95	62839	20.0	27.8	M
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.136	1.136	0.000	77	54596	20.0	26.1	a
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.160	1.166	-0.006	94	95331	20.0	26.9	a
18 Acrolein	56	1.179	1.173	0.007	0	94374	304.2	320.0	
19 1,1-Dichloroethene	96	1.227	1.215	0.012	0	51733	20.0	25.9	
21 Acetone	43	1.258	1.252	0.006	0	95634	100.0	108.7	
20 112TCTFE	101	1.270	1.270	0.000	90	63323	20.0	27.0	a
22 Iodomethane	142	1.295	1.288	0.006	0	88169	20.0	24.6	
23 Carbon disulfide	76	1.325	1.319	0.006	0	220342	20.0	26.1	
24 Isopropyl alcohol	45	1.355	1.343	0.012	0	48301	200.0	155.9	
25 3-Chloro-1-propene	39	1.404	1.404	0.000	0	94709	20.0	26.0	
26 Methyl acetate	43	1.423	1.429	-0.006	0	85590	40.0	48.7	
27 Acetonitrile	39	1.441	1.435	0.006	27	48268	200.0	199.0	a
28 Methylene Chloride	84	1.477	1.471	0.006	0	59725	20.0	23.1	
* 29 TBA-d9 (IS)	65	1.544	1.532	0.012	0	422439	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.581	1.563	0.018	91	83302	200.0	199.4	a
31 Acrylonitrile	53	1.618	1.611	0.007	0	216838	200.0	196.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.630	1.624	0.006	0	57844	20.0	25.0	
33 Methyl tert-butyl ether	73	1.648	1.648	0.000	0	152120	20.0	23.6	
34 Hexane	57	1.801	1.800	0.000	0	89996	20.0	23.4	
35 1,1-Dichloroethane	63	1.880	1.880	0.000	0	106193	20.0	21.8	
36 Vinyl acetate	86	1.941	1.935	0.006	0	14891	40.0	43.6	
37 2-Chloro-1,3-butadiene	88	1.947	1.947	0.000	0	44836	20.0	21.0	
38 Isopropyl ether	45	1.971	1.965	0.006	0	188090	20.0	20.5	
39 Tert-butyl ethyl ether	87	2.227	2.227	0.000	0	51966	20.0	19.9	
* 40 2-Butanone-d5	46	2.282	2.270	0.012	0	328046	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.300	2.294	0.006	0	52173	20.0	22.0	
42 2,2-Dichloropropane	79	2.307	2.300	0.006	60	26572	20.0	20.9	a
43 2-Butanone (MEK)	72	2.331	2.319	0.012	0	25711	100.0	94.1	
44 Propionitrile	54	2.361	2.355	0.006	0	71343	200.0	202.9	
45 Ethyl acetate	70	2.398	2.398	0.000	0	9033	40.0	40.8	
62 Methyl acrylate	55	2.416	2.398	0.018	99	48997	20.0	21.7	a
47 Methacrylonitrile	67	2.483	2.471	0.012	0	168797	200.0	207.2	
46 Chlorobromomethane	128	2.477	2.477	0.000	0	22975	20.0	20.9	
48 Tetrahydrofuran	72	2.520	2.538	-0.018	97	11597	40.0	40.4	M
49 Chloroform	83	2.563	2.562	0.001	0	81882	20.0	20.2	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.697	0.000	0	115470	50.0	52.1	
51 1,1,1-Trichloroethane	97	2.697	2.697	0.000	0	78348	20.0	22.0	
52 Cyclohexane	84	2.745	2.745	0.000	0	83094	20.0	23.3	
54 1,1-Dichloropropene	75	2.843	2.831	0.012	0	66490	20.0	21.8	
53 Carbon tetrachloride	117	2.843	2.843	0.000	0	66107	20.0	22.2	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.971	0.006	0	139350	50.0	53.1	
56 Benzene	78	3.026	3.020	0.006	0	184970	20.0	21.6	
57 1,2-Dichloroethane	62	3.050	3.044	0.006	0	60576	20.0	20.5	
58 Isobutyl alcohol	42	3.130	3.093	0.037	90	32471	500.0	335.4	Ma
59 Tert-amyl methyl ether	73	3.197	3.190	0.007	0	137360	20.0	19.2	
73 Isopropyl acetate	43	3.209	3.197	0.013	0	164717	20.0	19.3	
* 60 Fluorobenzene	96	3.319	3.306	0.012	0	449789	50.0	50.0	
61 n-Heptane	43	3.367	3.361	0.006	0	98445	20.0	21.1	
63 Trichloroethene	95	3.709	3.703	0.007	0	42182	20.0	20.3	
64 n-Butanol	43	3.879	3.879	0.000	73	4254	500.0	128.0	M
65 Methylcyclohexane	83	3.916	3.910	0.006	0	85312	20.0	20.9	
66 Ethyl acrylate	55	3.922	3.928	-0.006	0	125273	20.0	20.7	
67 1,2-Dichloropropane	63	3.953	3.946	0.007	0	48747	20.0	20.7	
68 Dibromomethane	93	4.081	4.080	0.001	0	23613	20.0	20.0	
* 69 1,4-Dioxane-d8	96	4.135	4.111	0.024	0	21833	1000.0	1000.0	
70 1,4-Dioxane	88	4.184	4.178	0.006	0	8027	400.0	363.1	
71 Methyl methacrylate	100	4.215	4.215	0.000	0	14692	40.0	36.2	
72 Dichlorobromomethane	83	4.318	4.318	0.000	0	51994	20.0	19.3	
81 n-Propyl acetate	43	4.337	4.330	0.007	0	52148	20.0	19.7	
74 2-Nitropropane	41	4.629	4.629	0.000	0	20604	40.0	44.1	
75 2-Chloroethyl vinyl ether	63	4.806	4.806	0.000	0	8856	20.0	16.1	
76 Epichlorohydrin	57	4.837	4.830	0.006	0	70283	400.0	359.4	
77 cis-1,3-Dichloropropene	75	4.934	4.928	0.006	0	58289	20.0	19.9	
78 4-Methyl-2-pentanone (MIBK)	43	5.227	5.221	0.007	97	196266	100.0	85.3	a
$ 79 Toluene-d8 (Surr)	98	5.282	5.281	0.001	0	407933	50.0	50.4	
80 Toluene	91	5.379	5.373	0.006	0	170442	20.0	20.5	
82 trans-1,3-Dichloropropene	75	5.800	5.800	0.000	0	48292	20.0	19.9	
83 1,1,2-Trichloroethane	83	6.056	6.050	0.006	0	25874	20.0	20.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.080	6.080	0.000	73	34462	20.0	17.1	a
85 Tetrachloroethene	166	6.208	6.208	0.000	0	36997	20.0	20.6	
86 1,3-Dichloropropane	76	6.300	6.293	0.007	0	52671	20.0	19.6	
87 2-Hexanone	43	6.592	6.586	0.006	0	120511	100.0	90.2	
88 Chlorodibromomethane	129	6.647	6.647	0.000	0	30507	20.0	19.5	
89 Ethylene Dibromide	107	6.757	6.757	0.000	0	27812	20.0	20.0	
90 n-Butyl acetate	43	6.928	6.921	0.007	0	47220	20.0	18.4	
* 91 Chlorobenzene-d5	117	7.647	7.641	0.006	0	279023	50.0	50.0	
92 Chlorobenzene	112	7.690	7.690	0.000	0	98416	20.0	20.6	
93 1,1,1,2-Tetrachloroethane	131	7.903	7.903	0.000	0	32589	20.0	18.7	
94 Ethylbenzene	106	7.988	7.988	0.000	0	52491	20.0	20.2	
95 m-Xylene & p-Xylene	106	8.244	8.238	0.006	0	62021	20.0	20.6	
96 o-Xylene	106	8.976	8.970	0.006	0	55889	20.0	18.5	
97 Styrene	104	9.019	9.019	0.000	0	95648	20.0	19.7	
98 n-Butyl acrylate	73	9.220	9.220	0.000	0	17596	20.0	14.9	
99 Bromoform	173	9.262	9.256	0.006	0	19013	20.0	20.1	
101 Amyl acetate (mixed isomers)	43	9.708	9.701	0.007	0	48137	20.0	16.7	
102 Isopropylbenzene	105	9.726	9.720	0.006	0	162950	20.0	18.2	
$ 103 4-Bromofluorobenzene	174	9.927	9.927	0.000	0	110086	50.0	53.1	
104 Bromobenzene	156	10.104	10.104	0.000	0	39659	20.0	21.6	
105 1,2,3-Trichloropropane	110	10.329	10.317	0.012	0	10626	20.0	20.7	
106 1,1,2,2-Tetrachloroethane	83	10.354	10.348	0.006	0	39013	20.0	19.9	
107 trans-1,4-Dichloro-2-butene	53	10.451	10.445	0.006	0	12159	20.0	20.5	
108 N-Propylbenzene	120	10.476	10.476	0.000	0	43254	20.0	20.4	
109 2-Chlorotoluene	126	10.518	10.512	0.006	95	39938	20.0	21.0	a
110 4-Ethyltoluene	105	10.701	10.701	0.000	0	155729	20.0	20.3	
111 4-Chlorotoluene	91	10.726	10.726	0.000	0	139240	20.0	20.7	
112 1,3,5-Trimethylbenzene	105	10.835	10.829	0.006	0	128108	20.0	19.1	
100 Butyl Methacrylate	87	11.213	11.213	0.000	0	28460	20.0	14.1	
113 tert-Butylbenzene	119	11.360	11.360	0.000	0	99753	20.0	19.0	
114 1,2,4-Trimethylbenzene	105	11.445	11.445	0.000	0	129751	20.0	19.5	
115 sec-Butylbenzene	105	11.750	11.750	0.000	0	165349	20.0	19.1	
116 1,3-Dichlorobenzene	146	11.817	11.817	0.000	0	75460	20.0	20.4	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	0	147409	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.006	12.000	0.006	0	75165	20.0	19.8	
119 4-Isopropyltoluene	119	12.085	12.085	0.000	0	142907	20.0	19.5	
120 1,2,3-Trimethylbenzene	105	12.183	12.183	0.000	0	135227	20.0	19.0	
121 Benzyl chloride	126	12.335	12.329	0.006	0	11836	20.0	18.9	
122 2,3-Dihydroindene	117	12.512	12.512	0.000	0	124478	20.0	18.6	
123 1,2-Dichlorobenzene	146	12.695	12.695	0.000	0	70026	20.0	19.9	
124 p-Diethylbenzene	119	12.829	12.829	0.000	91	72891	20.0	18.2	a
125 n-Butylbenzene	92	12.853	12.853	0.000	0	84002	20.0	19.0	
126 1,2-Dibromo-3-Chloropropane	157	13.609	13.603	0.006	0	6855	20.0	19.9	
127 1,2,4,5-Tetramethylbenzene	119	13.640	13.640	0.000	0	111019	20.0	19.4	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	0	56738	20.0	20.5	
129 1,2,4-Trichlorobenzene	180	14.231	14.231	0.000	0	49836	20.0	20.7	
130 Hexachlorobutadiene	225	14.377	14.377	0.000	0	25945	20.0	19.7	
131 Naphthalene	128	14.383	14.383	0.000	0	107786	20.0	19.7	
132 1,2,3-Trichlorobenzene	180	14.542	14.542	0.000	0	49286	20.0	20.8	
S 133 1,2-Dichloroethene, Total	100				0		40.0	47.0	
S 134 1,3-Dichloropropene, Total	100				0		40.0	39.8	
S 135 Xylenes, Total	100				0		40.0	39.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	101.5	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GASES Li_00470	Amount Added:	2.00	Units: uL	
524freon_00050	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00152	Amount Added:	2.00	Units: uL	
ACROLEIN W_00138	Amount Added:	3.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

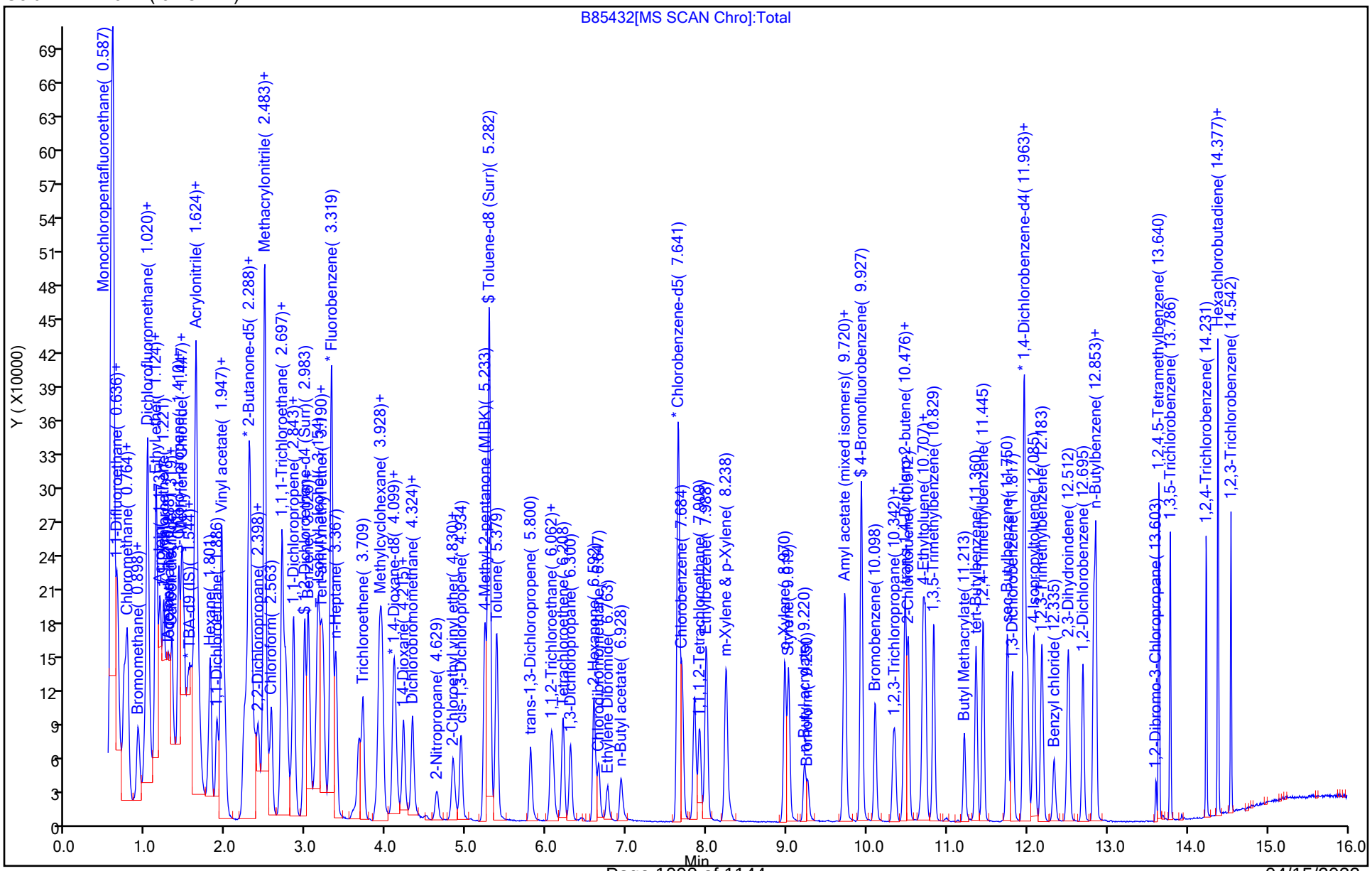
Report Date: 11-Apr-2022 10:44:39 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85432.D

Injection Date:	08-Apr-2022 16:48:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	LCSD			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85432.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 08-Apr-2022 16:48:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0143790-004
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 10:44:38 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: parekhv Date: 08-Apr-2022 17:20:41

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	52.1	104.25
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	53.1	106.19
$ 79 Toluene-d8 (Surr)	50.0	50.4	100.87
$ 103 4-Bromofluorobenzene	50.0	53.1	106.14

Manual Integration/User Assign Peak Report

Eurofins Edison

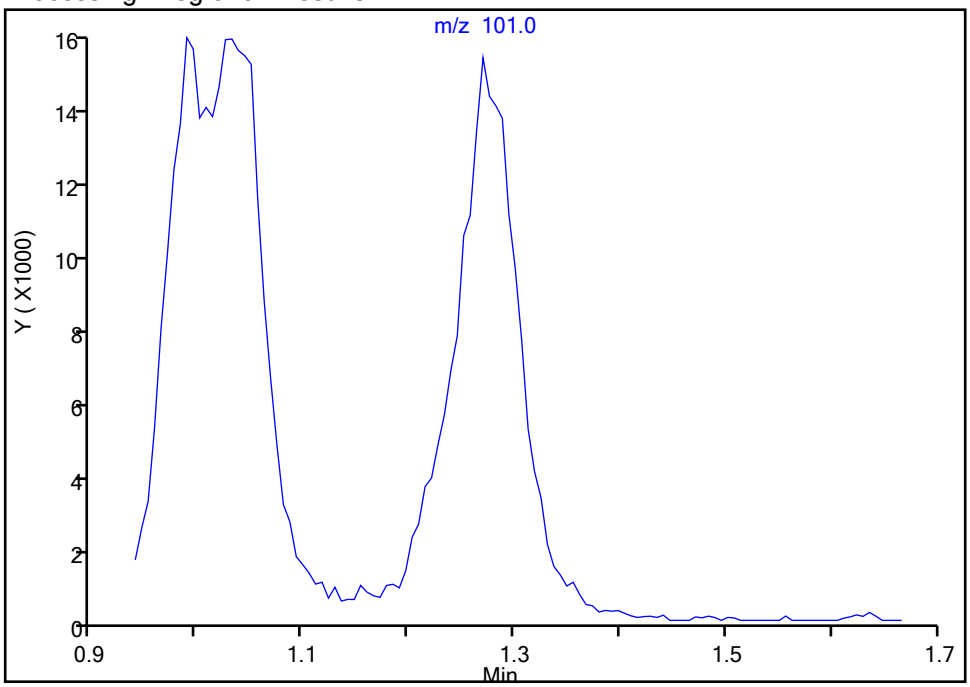
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85432.D
Injection Date: 08-Apr-2022 16:48:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

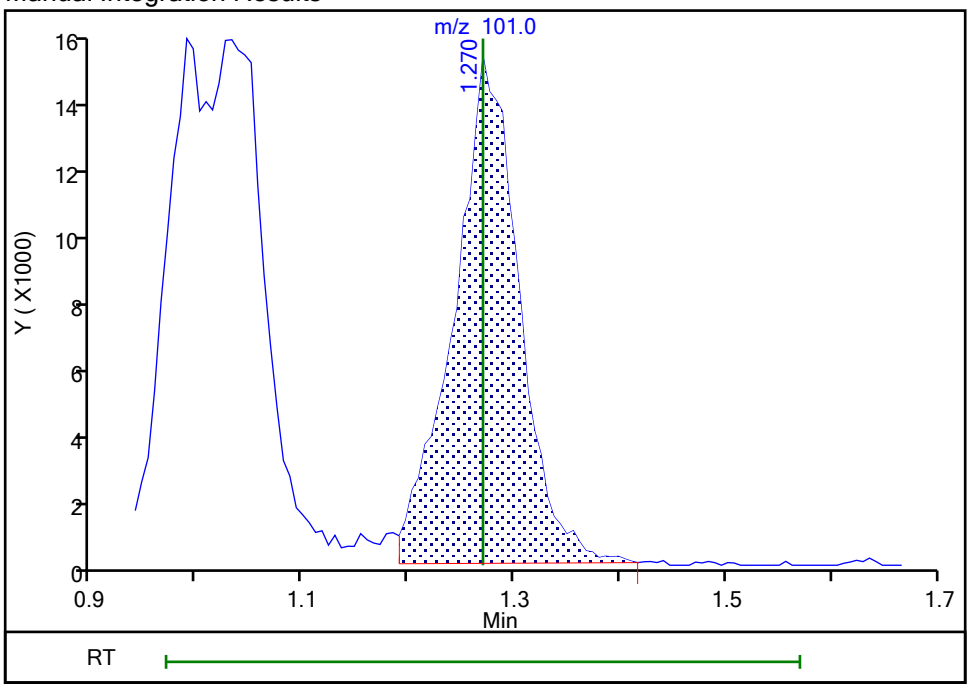
Not Detected
Expected RT: 1.27

Processing Integration Results



Manual Integration Results

RT: 1.27
Area: 63323
Amount: 27.014135
Amount Units: ug/l



Reviewer: parekhv, 08-Apr-2022 18:05:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

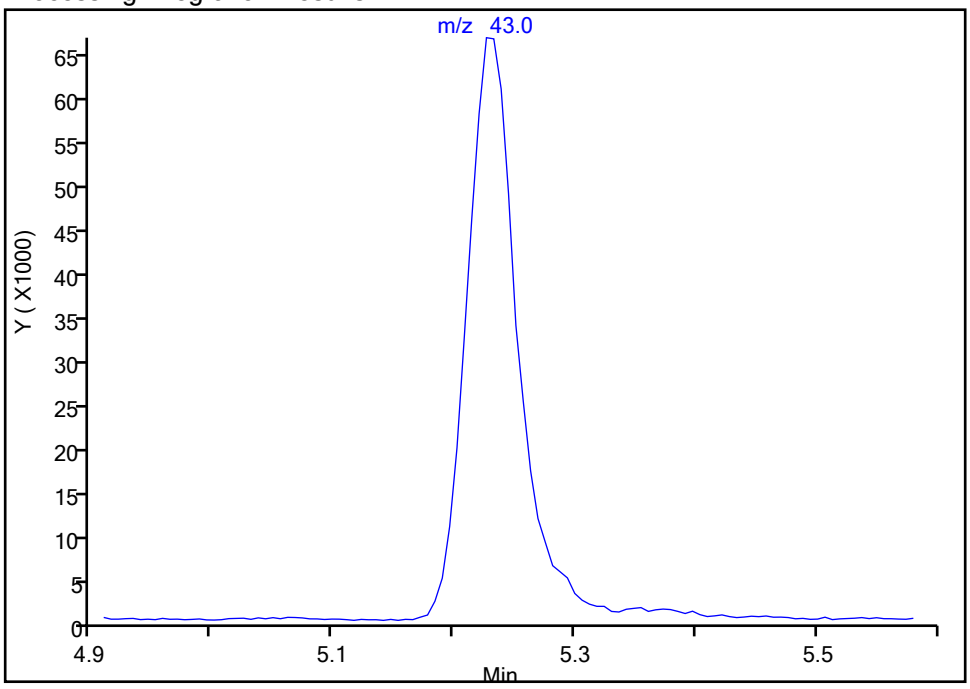
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220408-143790.b\B85432.D
Injection Date: 08-Apr-2022 16:48:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

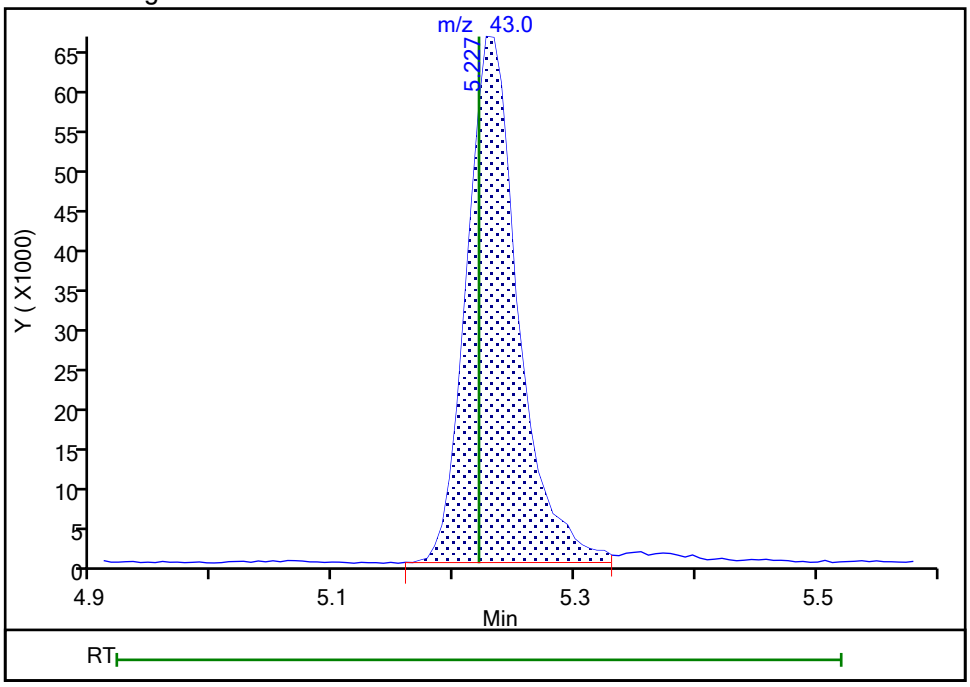
Not Detected
Expected RT: 5.22

Processing Integration Results



Manual Integration Results

RT: 5.23
Area: 196266
Amount: 85.327032
Amount Units: ug/l



Reviewer: parekhv, 08-Apr-2022 18:05:49
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-838227/4

Matrix: Solid | Lab File ID: B85463.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/09/2022 06:15

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 838227 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0207		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0205		0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0255		0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0190		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0207		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0257		0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0198		0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0197		0.0010	0.00036
95-63-6	1,2,4-Trimethylbenzene	0.0187		0.0010	0.00025
78-87-5	1,2-Dichloropropane	0.0193		0.0010	0.00042
108-67-8	1,3,5-Trimethylbenzene	0.0183		0.0010	0.00031
541-73-1	1,3-Dichlorobenzene	0.0197		0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.0186		0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0887		0.0050	0.00037
591-78-6	2-Hexanone	0.0816		0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0820		0.0050	0.0016
67-64-1	Acetone	0.101		0.0060	0.0057
71-43-2	Benzene	0.0200		0.0010	0.00026
75-25-2	Bromoform	0.0195		0.0010	0.00043
74-83-9	Bromomethane	0.0218		0.0020	0.0010
75-15-0	Carbon disulfide	0.0247		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0205		0.0010	0.00039
108-90-7	Chlorobenzene	0.0191		0.0010	0.00018
74-97-5	Chlorobromomethane	0.0196		0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0184		0.0010	0.00019
75-00-3	Chloroethane	0.0216		0.0010	0.00052
67-66-3	Chloroform	0.0196		0.0010	0.00097
74-87-3	Chloromethane	0.0207		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0205		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0185		0.0010	0.00027
110-82-7	Cyclohexane	0.0202		0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0182		0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.0184		0.0010	0.00034
100-41-4	Ethylbenzene	0.0181		0.0010	0.00020
106-93-4	Ethylene Dibromide	0.0191		0.0010	0.00018

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255692-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-838227/4

Matrix: Solid | Lab File ID: B85463.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/09/2022 06:15

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 838227 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	0.0168		0.0010	0.00029
79-20-9	Methyl acetate	0.0540		0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0232		0.0010	0.00051
108-87-2	Methylcyclohexane	0.0195		0.0010	0.00050
75-09-2	Methylene Chloride	0.0223		0.0020	0.0011
179601-23-1	m-Xylene & p-Xylene	0.0191		0.0010	0.00017
104-51-8	n-Butylbenzene	0.0182		0.0010	0.00029
103-65-1	N-Propylbenzene	0.0191		0.0010	0.00018
95-47-6	o-Xylene	0.0171		0.0010	0.00019
135-98-8	sec-Butylbenzene	0.0181		0.0010	0.00029
100-42-5	Styrene	0.0176		0.0010	0.00028
107-06-2	1,2-Dichloroethane	0.0197		0.0010	0.00030
98-06-6	tert-Butylbenzene	0.0180		0.0010	0.00028
95-50-1	1,2-Dichlorobenzene	0.0191		0.0010	0.00036
127-18-4	Tetrachloroethene	0.0201		0.0010	0.00031
96-12-8	1,2-Dibromo-3-Chloropropane	0.0205		0.0010	0.00046
108-88-3	Toluene	0.0185		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0228		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0184		0.0010	0.00027
79-01-6	Trichloroethene	0.0187		0.0010	0.00032
75-69-4	Trichlorofluoromethane	0.0236		0.0010	0.00041
75-01-4	Vinyl chloride	0.0218		0.0010	0.00055
1330-20-7	Xylenes, Total	0.0362		0.0020	0.00064

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		77-145
460-00-4	4-Bromofluorobenzene	102		70-139
1868-53-7	Dibromofluoromethane (Surr)	102		48-150
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85463.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 09-Apr-2022 06:15:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0143808-004
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 11:20:41 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 11:40:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.599	0.599	0.000	51	3720	20.0	16.2	a
2 1,1-Difluoroethane	51	0.636	0.636	0.000	0	128707	20.0	21.6	
3 Dichlorodifluoromethane	85	0.642	0.642	0.000	0	70460	20.0	18.4	
4 Chlorodifluoromethane	67	0.648	0.642	0.006	0	11344	20.0	21.1	
5 Chloromethane	50	0.721	0.721	0.000	0	111979	20.0	20.7	
6 Butadiene	54	0.758	0.752	0.006	0	74826	20.0	22.2	
7 Vinyl chloride	62	0.758	0.758	0.000	0	79857	20.0	21.8	
8 Bromomethane	94	0.892	0.892	0.000	0	43766	20.0	21.8	
9 Chloroethane	64	0.910	0.904	0.006	0	40955	20.0	21.6	
11 Trichlorofluoromethane	101	1.026	0.983	0.043	94	83419	20.0	23.6	Ma
10 Dichlorofluoromethane	67	1.002	1.002	0.000	0	116049	20.0	24.6	
12 Pentane	72	1.014	1.020	-0.006	0	19878	40.0	50.6	
13 Ethyl ether	59	1.118	1.111	0.007	0	38559	20.0	23.0	
15 2-Methyl-1,3-butadiene	53	1.124	1.124	0.000	92	53717	20.0	25.2	
14 Ethanol	46	1.105	1.142	-0.037	77	11872	800.0	761.2	M
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.154	1.142	0.012	75	42934	20.0	21.8	a
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.166	1.166	0.000	91	71968	20.0	21.6	Ma
18 Acrolein	56	1.172	1.178	-0.006	0	96343	304.2	303.8	
19 1,1-Dichloroethene	96	1.221	1.215	0.006	86	48389	20.0	25.7	
21 Acetone	43	1.252	1.258	-0.006	0	93274	100.0	101.5	
20 112TCTFE	101	1.276	1.264	0.012	91	56312	20.0	25.5	a
22 Iodomethane	142	1.288	1.288	0.000	0	77310	20.0	22.9	
23 Carbon disulfide	76	1.325	1.319	0.006	0	196448	20.0	24.7	
24 Isopropyl alcohol	45	1.355	1.361	-0.006	96	55083	200.0	165.4	M
25 3-Chloro-1-propene	39	1.404	1.404	0.000	89	84307	20.0	24.6	
26 Methyl acetate	43	1.422	1.422	0.000	0	89293	40.0	54.0	
27 Acetonitrile	39	1.441	1.441	0.000	68	51004	200.0	195.6	a
28 Methylene Chloride	84	1.471	1.471	0.000	0	54478	20.0	22.3	
* 29 TBA-d9 (IS)	65	1.544	1.544	0.000	0	454235	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.599	1.581	0.018	39	81092	200.0	180.5	a
31 Acrylonitrile	53	1.611	1.617	-0.006	0	212420	200.0	178.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.624	1.624	0.000	0	49843	20.0	22.8	
33 Methyl tert-butyl ether	73	1.642	1.642	0.000	0	141023	20.0	23.2	
34 Hexane	57	1.800	1.800	0.000	0	82704	20.0	22.8	
35 1,1-Dichloroethane	63	1.886	1.886	0.000	0	94937	20.0	20.7	
36 Vinyl acetate	86	1.934	1.941	-0.007	0	13398	40.0	37.5	
37 2-Chloro-1,3-butadiene	88	1.941	1.947	-0.006	0	39088	20.0	19.4	
38 Isopropyl ether	45	1.971	1.971	0.000	0	171281	20.0	19.9	
39 Tert-butyl ethyl ether	87	2.227	2.227	0.000	0	44273	20.0	18.0	
* 40 2-Butanone-d5	46	2.276	2.282	-0.006	0	342816	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.294	2.294	0.000	0	45763	20.0	20.5	
42 2,2-Dichloropropane	79	2.294	2.306	-0.012	0	25004	20.0	20.9	
43 2-Butanone (MEK)	72	2.325	2.331	-0.006	98	25339	100.0	88.7	
44 Propionitrile	54	2.367	2.367	0.000	0	65653	200.0	178.7	
45 Ethyl acetate	70	2.398	2.398	0.000	0	8219	40.0	35.6	
62 Methyl acrylate	55	2.416	2.410	0.006	0	46311	20.0	21.8	
47 Methacrylonitrile	67	2.483	2.477	0.006	0	157912	200.0	205.8	
46 Chlorobromomethane	128	2.477	2.477	0.000	0	20319	20.0	19.6	
48 Tetrahydrofuran	72	2.526	2.532	-0.006	0	11380	40.0	37.9	
49 Chloroform	83	2.562	2.562	0.000	0	74653	20.0	19.6	
$ 50 Dibromofluoromethane (Surr)	113	2.696	2.690	0.006	0	106739	50.0	51.2	
51 1,1,1-Trichloroethane	97	2.703	2.703	0.000	0	69304	20.0	20.7	
52 Cyclohexane	84	2.745	2.745	0.000	0	67789	20.0	20.2	
54 1,1-Dichloropropene	75	2.843	2.837	0.006	0	57811	20.0	20.1	
53 Carbon tetrachloride	117	2.843	2.849	-0.006	0	57567	20.0	20.5	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	135482	50.0	54.8	
56 Benzene	78	3.026	3.026	0.000	0	160421	20.0	20.0	
57 1,2-Dichloroethane	62	3.050	3.050	0.000	0	55013	20.0	19.7	
58 Isobutyl alcohol	42	3.111	3.105	0.006	80	44059	500.0	422.8	Ma
59 Tert-amyl methyl ether	73	3.202	3.196	0.006	83	126588	20.0	18.8	a
73 Isopropyl acetate	43	3.202	3.202	0.000	0	155142	20.0	19.3	
* 60 Fluorobenzene	96	3.312	3.318	-0.006	97	423636	50.0	50.0	
61 n-Heptane	43	3.367	3.373	-0.006	0	86015	20.0	19.6	
63 Trichloroethene	95	3.708	3.708	0.000	0	36579	20.0	18.7	
64 n-Butanol	43	3.879	3.879	0.000	70	4902	500.0	137.1	Ma
65 Methylcyclohexane	83	3.916	3.916	0.000	0	75000	20.0	19.5	
66 Ethyl acrylate	55	3.928	3.928	0.000	0	112596	20.0	19.8	
67 1,2-Dichloropropane	63	3.946	3.952	-0.006	0	42881	20.0	19.3	
68 Dibromomethane	93	4.086	4.086	0.000	0	21747	20.0	19.5	
* 69 1,4-Dioxane-d8	96	4.135	4.141	-0.006	0	22382	1000.0	1000.0	
70 1,4-Dioxane	88	4.184	4.196	-0.012	83	8041	400.0	355.0	Ma
71 Methyl methacrylate	100	4.214	4.221	-0.007	90	13882	40.0	36.3	
72 Dichlorobromomethane	83	4.324	4.324	0.000	0	45992	20.0	18.2	
81 n-Propyl acetate	43	4.336	4.336	0.000	0	49493	20.0	19.8	
74 2-Nitropropane	41	4.635	4.635	0.000	0	16984	40.0	38.6	
75 2-Chloroethyl vinyl ether	63	4.818	4.806	0.012	36	7593	20.0	14.7	
76 Epichlorohydrin	57	4.836	4.836	0.000	97	67346	400.0	329.6	
77 cis-1,3-Dichloropropene	75	4.934	4.934	0.000	0	50778	20.0	18.5	
78 4-Methyl-2-pentanone (MIBK)	43	5.233	5.233	0.000	97	197154	100.0	82.0	Ma
$ 79 Toluene-d8 (Surr)	98	5.281	5.287	-0.006	0	378075	50.0	50.0	
80 Toluene	91	5.379	5.379	0.000	0	144043	20.0	18.5	
82 trans-1,3-Dichloropropene	75	5.800	5.800	0.000	0	41784	20.0	18.4	
83 1,1,2-Trichloroethane	83	6.056	6.056	0.000	0	22889	20.0	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.080	6.080	0.000	74	30485	20.0	16.1	a
85 Tetrachloroethene	166	6.208	6.208	0.000	0	33790	20.0	20.1	
86 1,3-Dichloropropane	76	6.299	6.299	0.000	0	46976	20.0	18.7	
87 2-Hexanone	43	6.592	6.592	0.000	0	113545	100.0	81.6	
88 Chlorodibromomethane	129	6.653	6.653	0.000	0	26870	20.0	18.4	
89 Ethylene Dibromide	107	6.763	6.763	0.000	0	24871	20.0	19.1	
90 n-Butyl acetate	43	6.927	6.927	0.000	0	42693	20.0	17.8	
* 91 Chlorobenzene-d5	117	7.647	7.647	0.000	88	260943	50.0	50.0	
92 Chlorobenzene	112	7.689	7.695	-0.006	0	85618	20.0	19.1	
93 1,1,1,2-Tetrachloroethane	131	7.909	7.909	0.000	0	29993	20.0	18.4	
94 Ethylbenzene	106	7.994	7.994	0.000	0	44005	20.0	18.1	
95 m-Xylene & p-Xylene	106	8.238	8.244	-0.006	0	53673	20.0	19.1	
96 o-Xylene	106	8.976	8.976	0.000	0	48253	20.0	17.1	
97 Styrene	104	9.025	9.018	0.006	0	79833	20.0	17.6	
98 n-Butyl acrylate	73	9.220	9.220	0.000	0	15041	20.0	13.6	
99 Bromoform	173	9.262	9.268	-0.006	0	17204	20.0	19.5	
101 Amyl acetate (mixed isomers)	43	9.707	9.707	0.000	0	42184	20.0	15.7	
102 Isopropylbenzene	105	9.726	9.726	0.000	0	140544	20.0	16.8	
$ 103 4-Bromofluorobenzene	174	9.933	9.933	0.000	0	97937	50.0	50.8	
104 Bromobenzene	156	10.104	10.104	0.000	0	33868	20.0	19.9	
105 1,2,3-Trichloropropane	110	10.323	10.323	0.000	0	9408	20.0	19.8	
106 1,1,2,2-Tetrachloroethane	83	10.347	10.347	0.000	0	37246	20.0	20.5	
107 trans-1,4-Dichloro-2-butene	53	10.457	10.445	0.012	0	10864	20.0	19.8	
108 N-Propylbenzene	120	10.475	10.482	-0.007	0	37720	20.0	19.1	
109 2-Chlorotoluene	126	10.518	10.512	0.006	0	33688	20.0	19.1	
110 4-Ethyltoluene	105	10.701	10.701	0.000	0	131727	20.0	18.5	
111 4-Chlorotoluene	91	10.731	10.731	0.000	0	120075	20.0	19.2	
112 1,3,5-Trimethylbenzene	105	10.835	10.835	0.000	0	113729	20.0	18.3	
100 Butyl Methacrylate	87	11.213	11.219	-0.006	93	23486	20.0	12.5	
113 tert-Butylbenzene	119	11.359	11.366	-0.007	0	87766	20.0	18.0	
114 1,2,4-Trimethylbenzene	105	11.451	11.451	0.000	0	115623	20.0	18.7	
115 sec-Butylbenzene	105	11.756	11.756	0.000	0	145105	20.0	18.1	
116 1,3-Dichlorobenzene	146	11.817	11.817	0.000	0	67875	20.0	19.7	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	96	136933	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.006	12.006	0.000	0	65677	20.0	18.6	
119 4-Isopropyltoluene	119	12.085	12.085	0.000	0	124881	20.0	18.4	
120 1,2,3-Trimethylbenzene	105	12.182	12.189	-0.007	0	117010	20.0	17.7	
121 Benzyl chloride	126	12.341	12.335	0.006	0	11020	20.0	18.9	
122 2,3-Dihydroindene	117	12.512	12.518	-0.006	0	106849	20.0	17.0	
123 1,2-Dichlorobenzene	146	12.695	12.701	-0.006	0	62589	20.0	19.1	
124 p-Diethylbenzene	119	12.829	12.829	0.000	92	63334	20.0	17.1	a
125 n-Butylbenzene	92	12.853	12.859	-0.006	0	74535	20.0	18.2	
126 1,2-Dibromo-3-Chloropropane	157	13.609	13.609	0.000	0	6544	20.0	20.5	
127 1,2,4,5-Tetramethylbenzene	119	13.646	13.646	0.000	0	97449	20.0	18.4	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	0	49984	20.0	19.4	
129 1,2,4-Trichlorobenzene	180	14.231	14.231	0.000	0	44064	20.0	19.7	
130 Hexachlorobutadiene	225	14.377	14.377	0.000	0	22992	20.0	18.8	
131 Naphthalene	128	14.377	14.377	0.000	0	98986	20.0	19.4	
132 1,2,3-Trichlorobenzene	180	14.536	14.542	-0.006	0	43514	20.0	19.8	
S 133 1,2-Dichloroethene, Total	100				0		40.0	43.4	
S 134 1,3-Dichloropropene, Total	100				0		40.0	36.9	
S 135 Xylenes, Total	100				0		40.0	36.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	92.9	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GASES Li_00470	Amount Added:	2.00	Units: uL	
524freon_00050	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00152	Amount Added:	2.00	Units: uL	
ACROLEIN W_00138	Amount Added:	3.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 11-Apr-2022 11:20:42 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85463.D

Injection Date: 09-Apr-2022 06:15:30 Instrument ID: CVOAMS2 Operator ID:

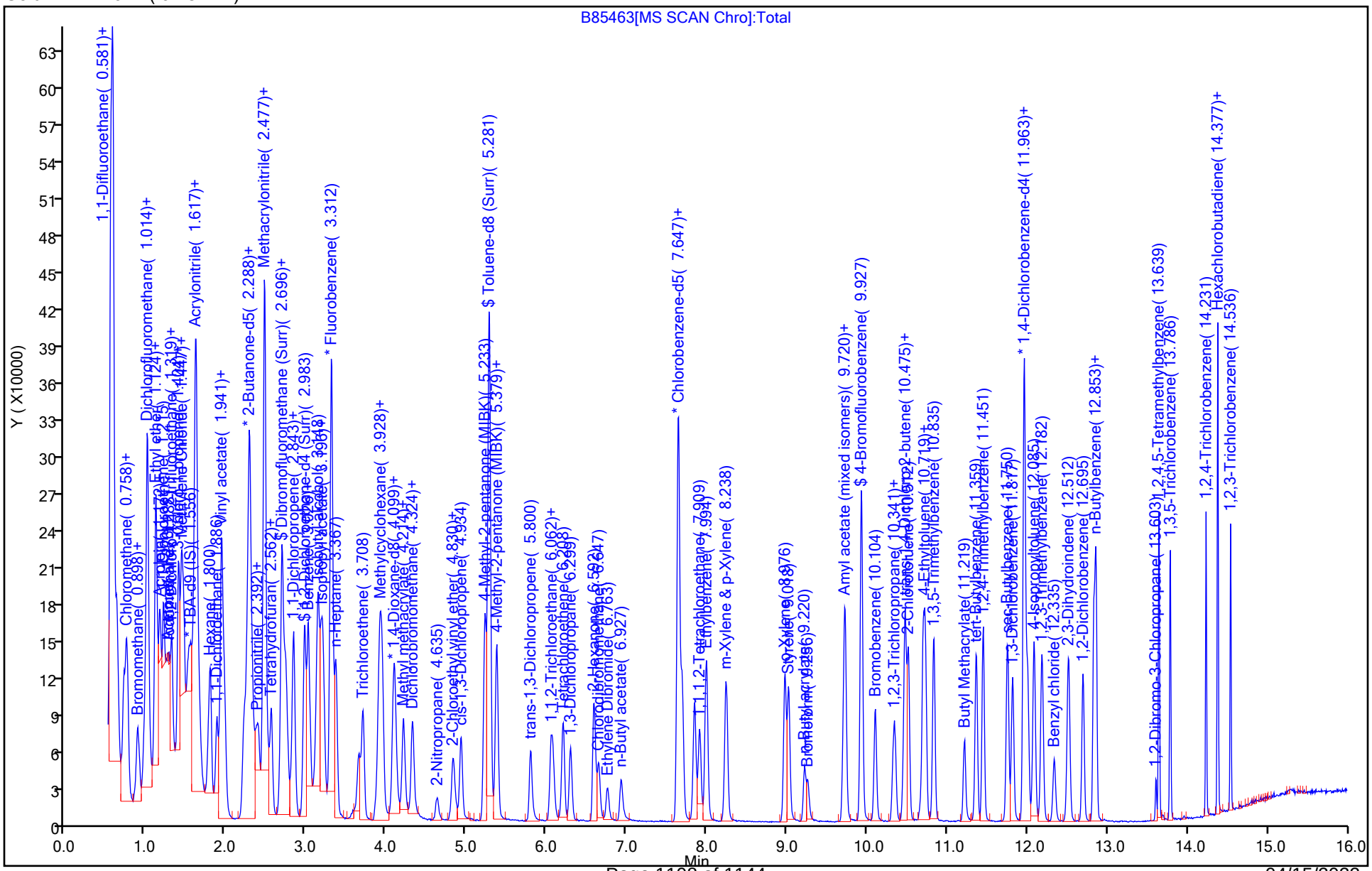
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85463.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 09-Apr-2022 06:15:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0143808-004
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Apr-2022 11:20:41 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: tupayachia Date: 09-Apr-2022 11:40:15

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	51.2	102.32
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	54.8	109.62
$ 79 Toluene-d8 (Surr)	50.0	50.0	99.96
$ 103 4-Bromofluorobenzene	50.0	50.8	101.65

Manual Integration/User Assign Peak Report

Eurofins Edison

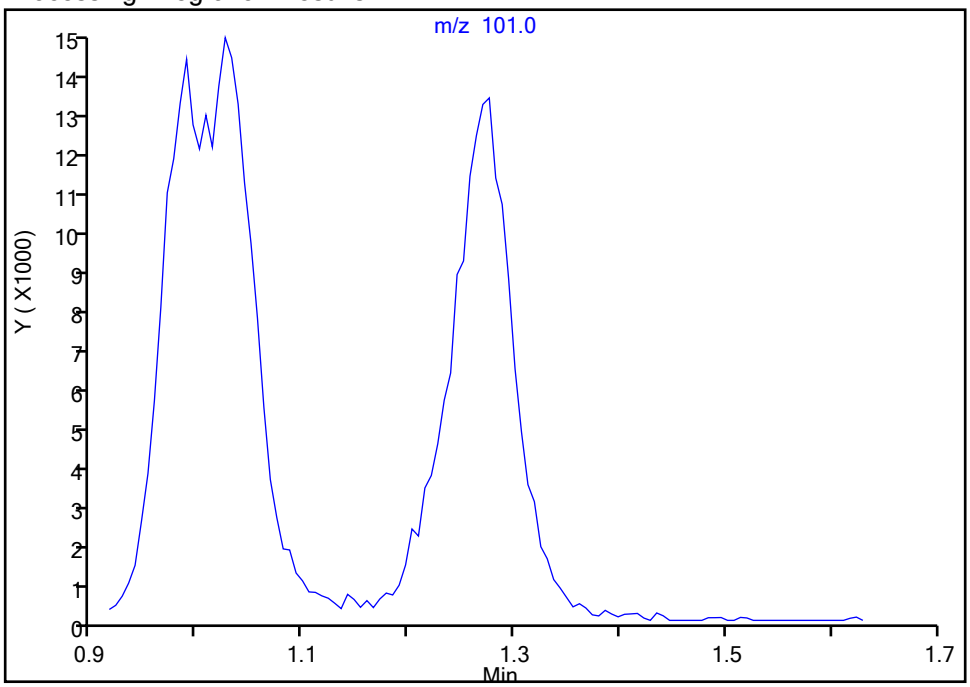
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85463.D
Injection Date: 09-Apr-2022 06:15:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

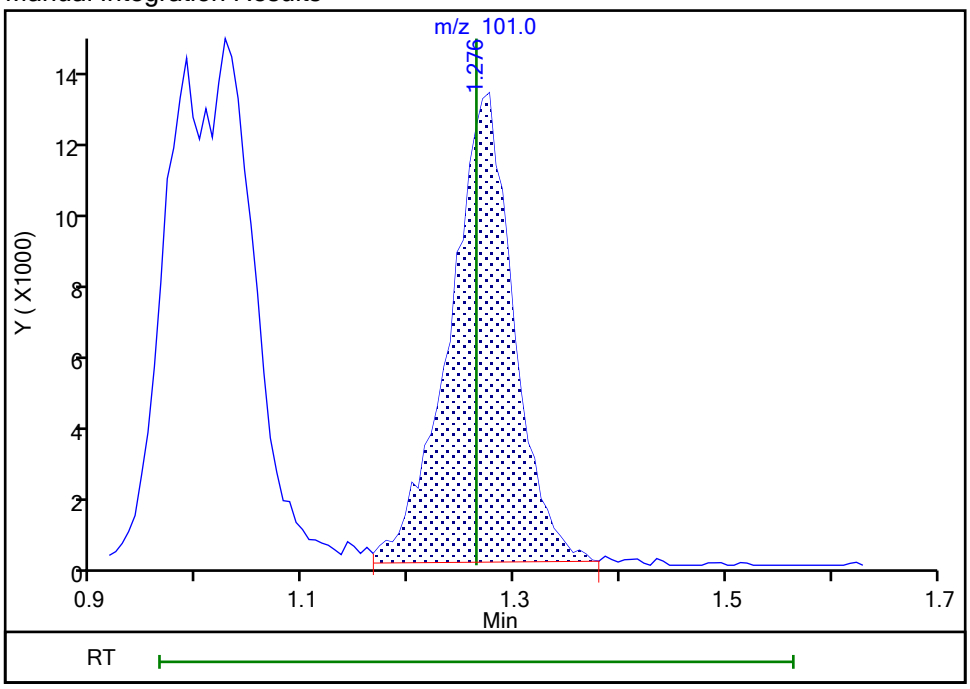
Not Detected
Expected RT: 1.26

Processing Integration Results



Manual Integration Results

RT: 1.28
Area: 56312
Amount: 25.506244
Amount Units: ug/l



Reviewer: tupayachia, 09-Apr-2022 11:35:20
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

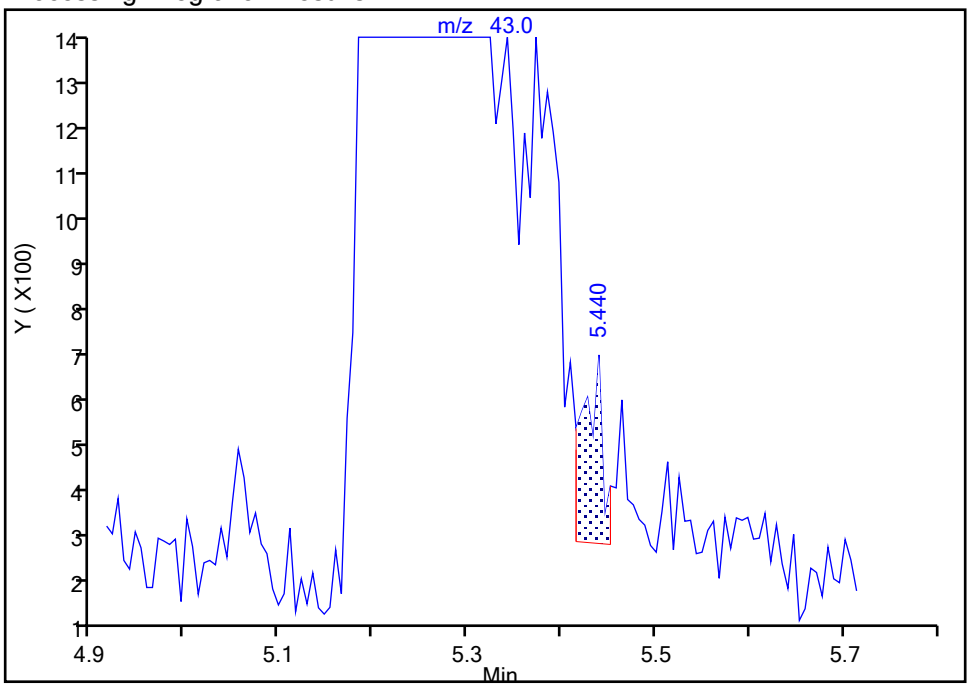
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85463.D
Injection Date: 09-Apr-2022 06:15:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

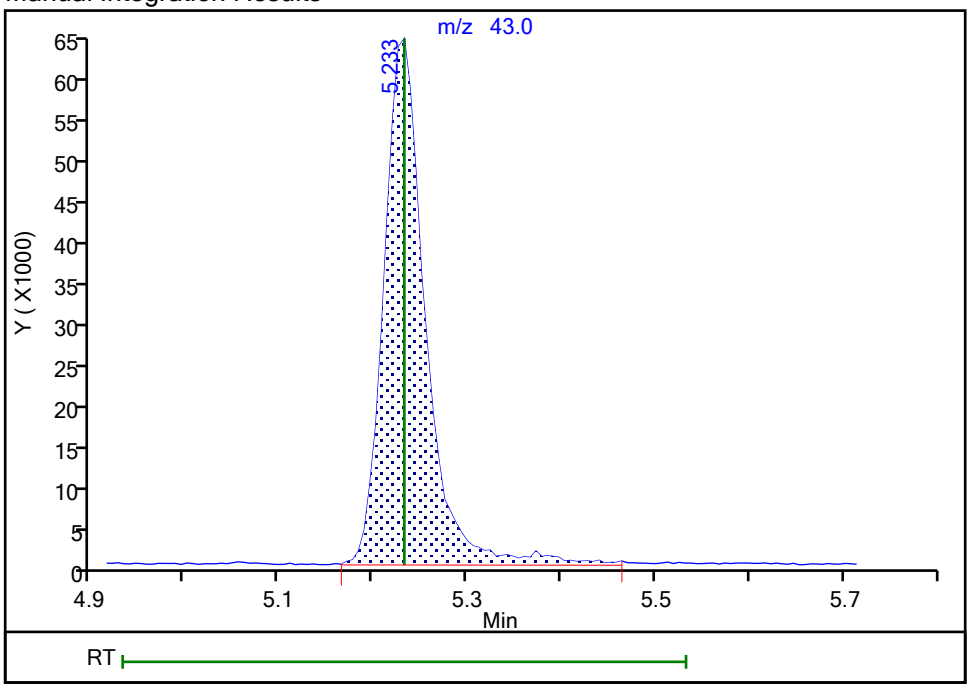
Processing Integration Results

RT: 5.44
Area: 579
Amount: 0.240876
Amount Units: ug/l



Manual Integration Results

RT: 5.23
Area: 197154
Amount: 82.020200
Amount Units: ug/l



Reviewer: tupayachia, 09-Apr-2022 11:40:10
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

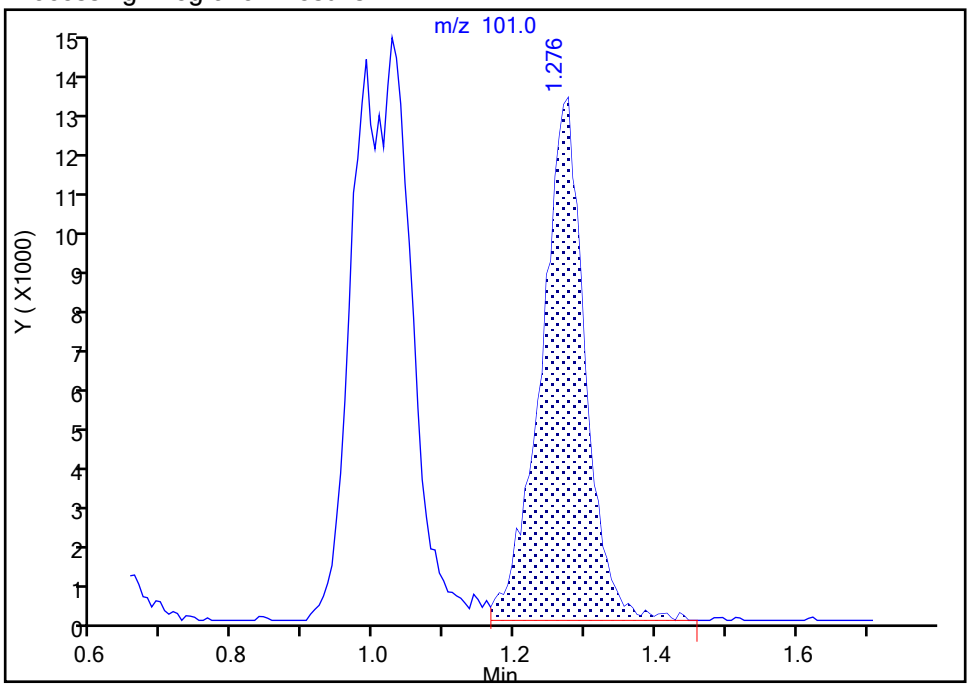
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220409-143808.b\B85463.D
Injection Date: 09-Apr-2022 06:15:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

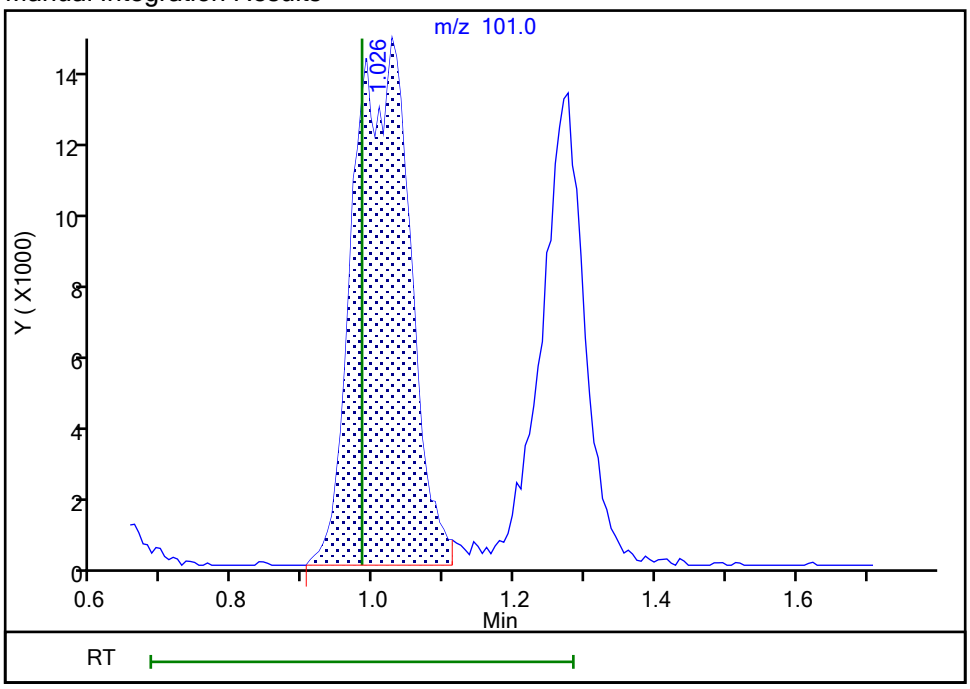
Processing Integration Results

RT: 1.28
Area: 57978
Amount: 16.435040
Amount Units: ug/l



Manual Integration Results

RT: 1.03
Area: 83419
Amount: 23.646808
Amount Units: ug/l



Reviewer: delpolitov, 11-Apr-2022 11:19:49
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Instrument ID: CVOAMS11 Start Date: 03/30/2022 23:37

Analysis Batch Number: 836508 End Date: 03/31/2022 05:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-836508/1		03/30/2022 23:37	1	N47425.D	Rtx-624 0.25(mm)
STD7 460-836508/3 IC		03/31/2022 00:26	1	N47427.D	Rtx-624 0.25(mm)
STD1 460-836508/4 IC		03/31/2022 00:49	1	N47428.D	Rtx-624 0.25(mm)
STD5 460-836508/5 IC		03/31/2022 01:12	1	N47429.D	Rtx-624 0.25(mm)
STD20 460-836508/6 ICIS		03/31/2022 01:35	1	N47430.D	Rtx-624 0.25(mm)
STD50 460-836508/7 IC		03/31/2022 01:58	1	N47431.D	Rtx-624 0.25(mm)
STD200 460-836508/8 IC		03/31/2022 02:21	1	N47432.D	Rtx-624 0.25(mm)
STD500 460-836508/9 IC		03/31/2022 02:44	1	N47433.D	Rtx-624 0.25(mm)
ICV 460-836508/17		03/31/2022 05:47	1	N47441.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Instrument ID: CVOAMS11 Start Date: 04/08/2022 06:30

Analysis Batch Number: 838022 End Date: 04/08/2022 17:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-838022/3		04/08/2022 06:30	1	N47689.D	Rtx-624 0.25(mm)
LCS 460-838022/4		04/08/2022 06:53	1	N47690.D	Rtx-624 0.25(mm)
LCSD 460-838022/5		04/08/2022 07:16	1	N47691.D	Rtx-624 0.25(mm)
MB 460-838022/9		04/08/2022 08:46	1	N47695.D	Rtx-624 0.25(mm)
ZZZZZ		04/08/2022 09:09	1		Rtx-624 0.25(mm)
ZZZZZ		04/08/2022 09:31	10		Rtx-624 0.25(mm)
ZZZZZ		04/08/2022 09:54	10		Rtx-624 0.25(mm)
ZZZZZ		04/08/2022 10:16	10		Rtx-624 0.25(mm)
ZZZZZ		04/08/2022 10:39	10		Rtx-624 0.25(mm)
460-255692-22	TB	04/08/2022 11:02	1	N47701.D	Rtx-624 0.25(mm)
460-255692-23	FB	04/08/2022 11:25	1	N47702.D	Rtx-624 0.25(mm)
ZZZZZ		04/08/2022 11:48	1		Rtx-624 0.25(mm)
ZZZZZ		04/08/2022 12:10	1		Rtx-624 0.25(mm)
ZZZZZ		04/08/2022 12:33	1		Rtx-624 0.25(mm)
ZZZZZ		04/08/2022 12:56	1		Rtx-624 0.25(mm)
ZZZZZ		04/08/2022 13:19	1		Rtx-624 0.25(mm)
ZZZZZ		04/08/2022 13:41	1		Rtx-624 0.25(mm)
ZZZZZ		04/08/2022 14:04	1		Rtx-624 0.25(mm)
ZZZZZ		04/08/2022 14:27	1		Rtx-624 0.25(mm)
ZZZZZ		04/08/2022 14:50	1		Rtx-624 0.25(mm)
ZZZZZ		04/08/2022 15:13	1		Rtx-624 0.25(mm)
ZZZZZ		04/08/2022 15:35	1		Rtx-624 0.25(mm)
ZZZZZ		04/08/2022 15:58	1		Rtx-624 0.25(mm)
ZZZZZ		04/08/2022 16:44	1		Rtx-624 0.25(mm)
ZZZZZ		04/08/2022 17:06	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 04/05/2022 06:31

Analysis Batch Number: 837357 End Date: 04/05/2022 12:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-837357/1		04/05/2022 06:31	1	B85232.D	DB-624 0.18(mm)
STD1 460-837357/4 IC		04/05/2022 07:38	1	B85235.D	DB-624 0.18(mm)
STD5 460-837357/5 IC		04/05/2022 07:59	1	B85236.D	DB-624 0.18(mm)
STD50 460-837357/7 IC		04/05/2022 08:43	1	B85238.D	DB-624 0.18(mm)
STD200 460-837357/8 IC		04/05/2022 09:05	1	B85239.D	DB-624 0.18(mm)
STD500 460-837357/9 IC		04/05/2022 09:28	1	B85240.D	DB-624 0.18(mm)
STD20 460-837357/17 ICIS		04/05/2022 12:25	1	B85248.D	DB-624 0.18(mm)
ICV 460-837357/18		04/05/2022 12:47	1	B85249.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 04/08/2022 15:50

Analysis Batch Number: 838140 End Date: 04/09/2022 02:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/08/2022 15:50	1		DB-624 0.18(mm)
CCVIS 460-838140/2		04/08/2022 15:58	1	B85430.D	DB-624 0.18(mm)
LCS 460-838140/3		04/08/2022 16:25	1	B85431.D	DB-624 0.18(mm)
LCSD 460-838140/4		04/08/2022 16:48	1	B85432.D	DB-624 0.18(mm)
MB 460-838140/9		04/08/2022 18:39	1	B85437.D	DB-624 0.18(mm)
LB3 460-837649/1-A		04/08/2022 19:01	1	B85438.D	DB-624 0.18(mm)
460-255692-1	SB-8 (0-5)	04/08/2022 19:23	1	B85439.D	DB-624 0.18(mm)
460-255692-2	SB-8 (8-8.5)	04/08/2022 19:46	1	B85440.D	DB-624 0.18(mm)
460-255692-3	SB-11 (4-4.5)	04/08/2022 20:09	1	B85441.D	DB-624 0.18(mm)
460-255692-4	SB-11 (9.5-10)	04/08/2022 20:31	1	B85442.D	DB-624 0.18(mm)
460-255692-5	SB-14 (4-5)	04/08/2022 20:53	1	B85443.D	DB-624 0.18(mm)
460-255692-6	SB-14 (6-10)	04/08/2022 21:15	1	B85444.D	DB-624 0.18(mm)
460-255692-7	SB-15 (3-5)	04/08/2022 21:37	1	B85445.D	DB-624 0.18(mm)
460-255692-8	SB-15 (12-13)	04/08/2022 21:59	1	B85446.D	DB-624 0.18(mm)
460-255692-9	DUP	04/08/2022 22:22	1	B85447.D	DB-624 0.18(mm)
460-255692-10	SB-9 (4-5)	04/08/2022 22:45	1	B85448.D	DB-624 0.18(mm)
460-255692-11	SB-9 (7-7.5)	04/08/2022 23:06	1	B85449.D	DB-624 0.18(mm)
460-255692-12	SB-12 (0-5)	04/08/2022 23:28	1	B85450.D	DB-624 0.18(mm)
460-255692-13	SB-12 (7-8)	04/08/2022 23:51	1	B85451.D	DB-624 0.18(mm)
460-255692-14	SB-12 (15-15.5)	04/09/2022 00:13	1	B85452.D	DB-624 0.18(mm)
460-255692-15	SB-10 (2.5-5)	04/09/2022 00:34	1	B85453.D	DB-624 0.18(mm)
460-255692-16	SB-10 (7-7.5)	04/09/2022 00:56	1	B85454.D	DB-624 0.18(mm)
460-255692-17	SB-10 (15-15.5)	04/09/2022 01:19	1	B85455.D	DB-624 0.18(mm)
460-255692-18	SB-13 (2-2.5)	04/09/2022 01:42	1	B85456.D	DB-624 0.18(mm)
460-255692-19	SB-13 (7-7.5)	04/09/2022 02:04	1	B85457.D	DB-624 0.18(mm)
460-255692-20	SB-16 (3-5)	04/09/2022 02:27	1	B85458.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 04/09/2022 04:42

Analysis Batch Number: 838227 End Date: 04/09/2022 15:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/09/2022 04:42	1		DB-624 0.18(mm)
CCVIS 460-838227/2		04/09/2022 05:30	1	B85461.D	DB-624 0.18(mm)
LCS 460-838227/3		04/09/2022 05:53	1	B85462.D	DB-624 0.18(mm)
LCSD 460-838227/4		04/09/2022 06:15	1	B85463.D	DB-624 0.18(mm)
MB 460-838227/7		04/09/2022 07:22	1	B85466.D	DB-624 0.18(mm)
ZZZZZ		04/09/2022 07:46	1		DB-624 0.18(mm)
460-255692-21	SB-16 (7-7.5)	04/09/2022 08:09	1	B85468.D	DB-624 0.18(mm)
ZZZZZ		04/09/2022 08:32	1		DB-624 0.18(mm)
ZZZZZ		04/09/2022 08:55	1		DB-624 0.18(mm)
ZZZZZ		04/09/2022 09:17	1		DB-624 0.18(mm)
ZZZZZ		04/09/2022 09:39	1		DB-624 0.18(mm)
ZZZZZ		04/09/2022 10:01	1		DB-624 0.18(mm)
ZZZZZ		04/09/2022 10:23	1		DB-624 0.18(mm)
ZZZZZ		04/09/2022 10:46	1		DB-624 0.18(mm)
ZZZZZ		04/09/2022 11:07	1		DB-624 0.18(mm)
ZZZZZ		04/09/2022 11:30	1		DB-624 0.18(mm)
ZZZZZ		04/09/2022 11:52	1		DB-624 0.18(mm)
ZZZZZ		04/09/2022 12:15	1		DB-624 0.18(mm)
ZZZZZ		04/09/2022 12:37	1		DB-624 0.18(mm)
ZZZZZ		04/09/2022 13:00	1		DB-624 0.18(mm)
ZZZZZ		04/09/2022 13:22	1		DB-624 0.18(mm)
ZZZZZ		04/09/2022 13:44	1		DB-624 0.18(mm)
ZZZZZ		04/09/2022 14:06	1		DB-624 0.18(mm)
ZZZZZ		04/09/2022 14:29	1		DB-624 0.18(mm)
ZZZZZ		04/09/2022 14:51	1		DB-624 0.18(mm)
ZZZZZ		04/09/2022 15:13	1		DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Batch Number: 836508 Batch Start Date: 03/30/22 23:37 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00139	524freon 00050	8260 SP 00152	8260ISNEW 00120
BFB 460-836508/1		8260D		5 mL	5				
STD7 460-836508/3 IC		8260D		5 mL	5 mL				1 uL
STD1 460-836508/4 IC		8260D		5 mL	5 mL	10 uL	10 uL		1 uL
STD5 460-836508/5 IC		8260D		5 mL	5 mL		10 uL		1 uL
STD20 460-836508/6 ICIS		8260D		5 mL	5 mL		20 uL		1 uL
STD50 460-836508/7 IC		8260D		5 mL	5 mL		50 uL		1 uL
STD200 460-836508/8 IC		8260D		5 mL	5 mL				1 uL
STD500 460-836508/9 IC		8260D		5 mL	5 mL				1 uL
ICV 460-836508/17		8260D		5 mL	5 mL			20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00151	8260SURR250 00226	8FreonHi 00042	8FreonsSS 00043	ACROLEIN SP 00135	ACROLEIN W 00138
BFB 460-836508/1		8260D							
STD7 460-836508/3 IC		8260D			1 uL				
STD1 460-836508/4 IC		8260D		10 uL	1 uL				4 uL
STD5 460-836508/5 IC		8260D		10 uL	1 uL				4 uL
STD20 460-836508/6 ICIS		8260D		20 uL	1 uL				4 uL
STD50 460-836508/7 IC		8260D		50 uL	1 uL				10 uL
STD200 460-836508/8 IC		8260D			1 uL	20 uL			20 uL
STD500 460-836508/9 IC		8260D			1 uL	50 uL			40 uL
ICV 460-836508/17		8260D			1 uL		20 uL	4 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Batch Number: 836508 Batch Start Date: 03/30/22 23:37 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00098	BFB 00031	Ethanol mix 00062	GAS C SP 00455	GAS Hi 00411	GASES Li 00469
BFB 460-836508/1		8260D			1 uL				
STD7 460-836508/3 IC		8260D		20 uL					2.5 uL
STD1 460-836508/4 IC		8260D							10 uL
STD5 460-836508/5 IC		8260D							10 uL
STD20 460-836508/6 ICIS		8260D							20 uL
STD50 460-836508/7 IC		8260D							50 uL
STD200 460-836508/8 IC		8260D				20 uL		20 uL	
STD500 460-836508/9 IC		8260D				50 uL		50 uL	
ICV 460-836508/17		8260D					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00121	MIX I Hi 00148				
BFB 460-836508/1		8260D							
STD7 460-836508/3 IC		8260D							
STD1 460-836508/4 IC		8260D							
STD5 460-836508/5 IC		8260D							
STD20 460-836508/6 ICIS		8260D							
STD50 460-836508/7 IC		8260D							
STD200 460-836508/8 IC		8260D		20 uL	20 uL				
STD500 460-836508/9 IC		8260D		50 uL	50 uL				
ICV 460-836508/17		8260D							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Batch Number: 836508 Batch Start Date: 03/30/22 23:37 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Batch Number: 837649 Batch Start Date: 04/06/22 11:37 Batch Analyst: Gao, Yong X

Batch Method: 5035 Batch End Date: 04/06/22 12:13

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
LB3 460-837649/1		5035, 8260D		5 g	5 mL				
460-255692-B-1	SB-8 (0-5)	5035, 8260D	T	3.97 g	5 mL				
460-255692-B-2	SB-8 (8-8.5)	5035, 8260D	T	3.75 g	5 mL				
460-255692-B-3	SB-11 (4-4.5)	5035, 8260D	T	3.80 g	5 mL				
460-255692-B-4	SB-11 (9.5-10)	5035, 8260D	T	4.03 g	5 mL				
460-255692-B-5	SB-14 (4-5)	5035, 8260D	T	5.24 g	5 mL				
460-255692-B-6	SB-14 (6-10)	5035, 8260D	T	5.22 g	5 mL				
460-255692-B-7	SB-15 (3-5)	5035, 8260D	T	6.09 g	5 mL				
460-255692-B-8	SB-15 (12-13)	5035, 8260D	T	3.13 g	5 mL				
460-255692-B-9	DUP	5035, 8260D	T	5.32 g	5 mL				
460-255692-B-10	SB-9 (4-5)	5035, 8260D	T	3.76 g	5 mL				
460-255692-B-11	SB-9 (7-7.5)	5035, 8260D	T	3.99 g	5 mL				
460-255692-B-12	SB-12 (0-5)	5035, 8260D	T	3.59 g	5 mL				
460-255692-B-13	SB-12 (7-8)	5035, 8260D	T	5.95 g	5 mL				
460-255692-B-14	SB-12 (15-15.5)	5035, 8260D	T	5.35 g	5 mL				
460-255692-B-15	SB-10 (2.5-5)	5035, 8260D	T	4.14 g	5 mL				
460-255692-B-16	SB-10 (7-7.5)	5035, 8260D	T	4.13 g	5 mL				
460-255692-B-17	SB-10 (15-15.5)	5035, 8260D	T	3.96 g	5 mL				
460-255692-B-18	SB-13 (2-2.5)	5035, 8260D	T	4.32 g	5 mL				
460-255692-B-19	SB-13 (7-7.5)	5035, 8260D	T	5.56 g	5 mL				
460-255692-B-20	SB-16 (3-5)	5035, 8260D	T	4.98 g	5 mL				
460-255692-B-21	SB-16 (7-7.5)	5035, 8260D	T	3.39 g	5 mL				

Batch Notes	
Balance ID	35
Blank Matrix ID	170485
Pipette/Syringe/Dispenser ID	7
Vial Lot Number	0128701G

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Batch Number: 837649 Batch Start Date: 04/06/22 11:37 Batch Analyst: Gao, Yong X

Batch Method: 5035 Batch End Date: 04/06/22 12:13

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Batch Number: 838022 Batch Start Date: 04/08/22 06:30 Batch Analyst: Moroney, Christopher J

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00050	8260ISNEW 00120	8260MIX1COMB 00152
CCVIS 460-838022/3		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-838022/4		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCSD 460-838022/5		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-838022/9		8260D		5 mL	5 mL			1 uL	
460-255692-B-22	TB	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-255692-B-23	FB	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00226	ACROLEIN W 00138	GASES Li 00470			
CCVIS 460-838022/3		8260D		1 uL	4 uL	20 uL			
LCS 460-838022/4		8260D		1 uL	4 uL	20 uL			
LCSD 460-838022/5		8260D		1 uL	4 uL	20 uL			
MB 460-838022/9		8260D		1 uL					
460-255692-B-22	TB	8260D	T	1 uL					
460-255692-B-23	FB	8260D	T	1 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Batch Number: 838140 Batch Start Date: 04/08/22 15:50 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00050	8260ISNEW 00119	8260MIX1COMB 00152	8260SURR250 00227
CCVIS 460-838140/2		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCS 460-838140/3		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCSD 460-838140/4		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
MB 460-838140/9		8260D		5 mL	5 mL		1 uL		1 uL
LB3 460-837649/1-A		8260D		5 mL	5 mL		1 uL		1 uL
460-255692-B-1-A	SB-8 (0-5)	8260D	T	5 mL	5 mL		1 uL		1 uL
460-255692-B-2-A	SB-8 (8-8.5)	8260D	T	5 mL	5 mL		1 uL		1 uL
460-255692-B-3-A	SB-11 (4-4.5)	8260D	T	5 mL	5 mL		1 uL		1 uL
460-255692-B-4-A	SB-11 (9.5-10)	8260D	T	5 mL	5 mL		1 uL		1 uL
460-255692-B-5-A	SB-14 (4-5)	8260D	T	5 mL	5 mL		1 uL		1 uL
460-255692-B-6-A	SB-14 (6-10)	8260D	T	5 mL	5 mL		1 uL		1 uL
460-255692-B-7-A	SB-15 (3-5)	8260D	T	5 mL	5 mL		1 uL		1 uL
460-255692-B-8-A	SB-15 (12-13)	8260D	T	5 mL	5 mL		1 uL		1 uL
460-255692-B-9-A	DUP	8260D	T	5 mL	5 mL		1 uL		1 uL
460-255692-B-10-A	SB-9 (4-5)	8260D	T	5 mL	5 mL		1 uL		1 uL
460-255692-B-11-A	SB-9 (7-7.5)	8260D	T	5 mL	5 mL		1 uL		1 uL
460-255692-B-12-A	SB-12 (0-5)	8260D	T	5 mL	5 mL		1 uL		1 uL
460-255692-B-13-A	SB-12 (7-8)	8260D	T	5 mL	5 mL		1 uL		1 uL
460-255692-B-14-A	SB-12 (15-15.5)	8260D	T	5 mL	5 mL		1 uL		1 uL
460-255692-B-15-A	SB-10 (2.5-5)	8260D	T	5 mL	5 mL		1 uL		1 uL
460-255692-B-16-A	SB-10 (7-7.5)	8260D	T	5 mL	5 mL		1 uL		1 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Batch Number: 838140 Batch Start Date: 04/08/22 15:50 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00050	8260ISNEW 00119	8260MIX1COMB 00152	8260SURR250 00227
460-255692-B-17-A	SB-10 (15-15.5)	8260D	T	5 mL	5 mL		1 uL		1 uL
460-255692-B-18-A	SB-13 (2-2.5)	8260D	T	5 mL	5 mL		1 uL		1 uL
460-255692-B-19-A	SB-13 (7-7.5)	8260D	T	5 mL	5 mL		1 uL		1 uL
460-255692-B-20-A	SB-16 (3-5)	8260D	T	5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00138	GASES Li 00470				
CCVIS 460-838140/2		8260D		3 uL	2 uL				
LCS 460-838140/3		8260D		3 uL	2 uL				
LCSD 460-838140/4		8260D		3 uL	2 uL				
MB 460-838140/9		8260D							
LB3 460-837649/1-A		8260D							
460-255692-B-1-A	SB-8 (0-5)	8260D	T						
460-255692-B-2-A	SB-8 (8-8.5)	8260D	T						
460-255692-B-3-A	SB-11 (4-4.5)	8260D	T						
460-255692-B-4-A	SB-11 (9.5-10)	8260D	T						
460-255692-B-5-A	SB-14 (4-5)	8260D	T						
460-255692-B-6-A	SB-14 (6-10)	8260D	T						
460-255692-B-7-A	SB-15 (3-5)	8260D	T						
460-255692-B-8-A	SB-15 (12-13)	8260D	T						
460-255692-B-9-A	DUP	8260D	T						
460-255692-B-10-A	SB-9 (4-5)	8260D	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Batch Number: 838140 Batch Start Date: 04/08/22 15:50 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00138	GASES Li 00470				
460-255692-B-11-A	SB-9 (7-7.5)	8260D	T						
460-255692-B-12-A	SB-12 (0-5)	8260D	T						
460-255692-B-13-A	SB-12 (7-8)	8260D	T						
460-255692-B-14-A	SB-12 (15-15.5)	8260D	T						
460-255692-B-15-A	SB-10 (2.5-5)	8260D	T						
460-255692-B-16-A	SB-10 (7-7.5)	8260D	T						
460-255692-B-17-A	SB-10 (15-15.5)	8260D	T						
460-255692-B-18-A	SB-13 (2-2.5)	8260D	T						
460-255692-B-19-A	SB-13 (7-7.5)	8260D	T						
460-255692-B-20-A	SB-16 (3-5)	8260D	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Batch Number: 838227 Batch Start Date: 04/09/22 04:42 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00050	8260ISNEW 00119	8260MIX1COMB 00152	8260SURR250 00227
CCVIS 460-838227/2		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCS 460-838227/3		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCSD 460-838227/4		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
MB 460-838227/7		8260D		5 mL	5 mL		1 uL		1 uL
460-255692-B-21 -A	SB-16 (7-7.5)	8260D	T	5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00138	GASES Li 00470				
CCVIS 460-838227/2		8260D		3 uL	2 uL				
LCS 460-838227/3		8260D		3 uL	2 uL				
LCSD 460-838227/4		8260D		3 uL	2 uL				
MB 460-838227/7		8260D							
460-255692-B-21 -A	SB-16 (7-7.5)	8260D	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-255692-1

SDG No.:

Project: Bridge Cleaners

Client Sample ID	Lab Sample ID
SB-8 (0-5)	460-255692-1
SB-8 (8-8.5)	460-255692-2
SB-11 (4-4.5)	460-255692-3
SB-11 (9.5-10)	460-255692-4
SB-14 (4-5)	460-255692-5
SB-14 (6-10)	460-255692-6
SB-15 (3-5)	460-255692-7
SB-15 (12-13)	460-255692-8
DUP	460-255692-9
SB-9 (4-5)	460-255692-10
SB-9 (7-7.5)	460-255692-11
SB-12 (0-5)	460-255692-12
SB-12 (7-8)	460-255692-13
SB-12 (15-15.5)	460-255692-14
SB-10 (2.5-5)	460-255692-15
SB-10 (7-7.5)	460-255692-16
SB-10 (15-15.5)	460-255692-17
SB-13 (2-2.5)	460-255692-18
SB-13 (7-7.5)	460-255692-19
SB-16 (3-5)	460-255692-20
SB-16 (7-7.5)	460-255692-21

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-255692-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-255692-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/06/2022 16:08 End Date: 04/06/2022 16:08

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			16:08																				
ZZZZZZ			16:08																				
ZZZZZZ			16:08																				
ZZZZZZ			16:08																				
ZZZZZZ			16:08																				
460-255692-1	1	T	16:08	X	X																		
460-255692-2	1	T	16:08	X	X																		
460-255692-3	1	T	16:08	X	X																		
460-255692-4	1	T	16:08	X	X																		
460-255692-5	1	T	16:08	X	X																		
460-255692-6	1	T	16:08	X	X																		
460-255692-7	1	T	16:08	X	X																		
460-255692-8	1	T	16:08	X	X																		
460-255692-9	1	T	16:08	X	X																		
460-255692-10	1	T	16:08	X	X																		
460-255692-11	1	T	16:08	X	X																		
460-255692-12	1	T	16:08	X	X																		
460-255692-13	1	T	16:08	X	X																		
460-255692-14	1	T	16:08	X	X																		
460-255692-15	1	T	16:08	X	X																		
460-255692-16	1	T	16:08	X	X																		
460-255692-16 DU	1	T	16:08	X	X																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/06/2022 16:39 End Date: 04/06/2022 16:39

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			16:39																				
460-255692-17	1	T	16:39	X	X																		
460-255692-18	1	T	16:39	X	X																		
460-255692-19	1	T	16:39	X	X																		
460-255692-20	1	T	16:39	X	X																		
460-255692-21	1	T	16:39	X	X																		
ZZZZZZ			16:39																				
ZZZZZZ			16:39																				
ZZZZZZ			16:39																				
ZZZZZZ			16:39																				
ZZZZZZ			16:39																				
ZZZZZZ			16:39																				
ZZZZZZ			16:39																				
ZZZZZZ			16:39																				
ZZZZZZ			16:39																				
ZZZZZZ			16:39																				
ZZZZZZ			16:39																				
ZZZZZZ			16:39																				
ZZZZZZ			16:39																				
ZZZZZZ			16:39																				
ZZZZZZ			16:39																				
460-255715-B-15 DU	1	T	16:39	X	X																		

Prep Types

T = Total/NA

General Chemistry Raw Data Report

Job ID: 460-255692-1

Batch: 837666 **Analyst Initials: CJC**

Method: Moisture **Instrument: No Equipment**

Lab Sample ID: 460-255692-D-1

Analysis Date: Apr 06, 2022 16:08

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	5.18731988472619	%
Percent Solids	None	1	94.8126801152738	%

Lab Sample ID: 460-255692-D-2

Analysis Date: Apr 06, 2022 16:08

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	3.69003690036899	%
Percent Solids	None	1	96.309963099631	%

Lab Sample ID: 460-255692-D-3

Analysis Date: Apr 06, 2022 16:08

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	13.5573580533024	%
Percent Solids	None	1	86.4426419466976	%

Lab Sample ID: 460-255692-D-4

Analysis Date: Apr 06, 2022 16:08

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	1.8333333333333	%
Percent Solids	None	1	98.1666666666667	%

Lab Sample ID: 460-255692-D-5

Analysis Date: Apr 06, 2022 16:08

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	8.2910321489002	%
Percent Solids	None	1	91.7089678510998	%

Lab Sample ID: 460-255692-D-6

Analysis Date: Apr 06, 2022 16:08

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	9.6723868954758	%
Percent Solids	None	1	90.3276131045242	%

Lab Sample ID: 460-255692-D-7

Analysis Date: Apr 06, 2022 16:08

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	13.7844611528822	%
Percent Solids	None	1	86.2155388471178	%

Lab Sample ID: 460-255692-D-8

Analysis Date: Apr 06, 2022 16:08

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	13.1067961165048	%
Percent Solids	None	1	86.8932038834952	%

Lab Sample ID: 460-255692-D-9

Analysis Date: Apr 06, 2022 16:08

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	14.7286821705426	%
Percent Solids	None	1	85.2713178294574	%

Batch: 837666 (Continued)
Method: Moisture

Analyst Initials: CJC
Instrument: No Equipment

Lab Sample ID: 460-255692-D-10

Analysis Date: Apr 06, 2022 16:08

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	0.980392156862806	%
Percent Solids	None	1	99.0196078431372	%

Lab Sample ID: 460-255692-D-11

Analysis Date: Apr 06, 2022 16:08

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	2.4834437086093	%
Percent Solids	None	1	97.5165562913907	%

Lab Sample ID: 460-255692-D-12

Analysis Date: Apr 06, 2022 16:08

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	9.48275862068969	%
Percent Solids	None	1	90.5172413793103	%

Lab Sample ID: 460-255692-D-13

Analysis Date: Apr 06, 2022 16:08

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	15.1033386327504	%
Percent Solids	None	1	84.8966613672496	%

Lab Sample ID: 460-255692-D-14

Analysis Date: Apr 06, 2022 16:08

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	15.7728706624606	%
Percent Solids	None	1	84.2271293375394	%

Lab Sample ID: 460-255692-D-15

Analysis Date: Apr 06, 2022 16:08

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	2.9513888888889	%
Percent Solids	None	1	97.0486111111111	%

Lab Sample ID: 460-255692-D-16

Analysis Date: Apr 06, 2022 16:08

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	3.27586206896549	%
Percent Solids	None	1	96.7241379310345	%

Lab Sample ID: 460-255692-D-16 DU

Analysis Date: Apr 06, 2022 16:08

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	3.27022375215149	%
Percent Solids	None	1	96.7297762478485	%

General Chemistry Raw Data Report

Job ID: 460-255692-1

Batch: 837678 **Analyst Initials: CJC**

Method: Moisture **Instrument: No Equipment**

Lab Sample ID: 460-255692-D-17

Analysis Date: Apr 06, 2022 16:39

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	7.8402366863905	%
Percent Solids	None	1	92.1597633136095	%

Lab Sample ID: 460-255692-D-18

Analysis Date: Apr 06, 2022 16:39

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	4.0609137055838	%
Percent Solids	None	1	95.9390862944162	%

Lab Sample ID: 460-255692-D-19

Analysis Date: Apr 06, 2022 16:39

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	16.3235294117647	%
Percent Solids	None	1	83.6764705882353	%

Lab Sample ID: 460-255692-D-20

Analysis Date: Apr 06, 2022 16:39

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	7.5	%
Percent Solids	None	1	92.5	%

Lab Sample ID: 460-255692-D-21

Analysis Date: Apr 06, 2022 16:39

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	4.47552447552449	%
Percent Solids	None	1	95.5244755244755	%

Lab Sample ID: 460-255715-B-15 DU

Analysis Date: Apr 06, 2022 16:39

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	12.2015915119363	%
Percent Solids	None	1	87.7984084880637	%

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Batch Number: 837666 Batch Start Date: 04/06/22 16:08 Batch Analyst: Cho, Claudia J

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry	%_Moisture	%_Solid
460-255692-D-1	SB-8 (0-5)	Moisture	T	314	1.43 g	8.37 g	8.01 g	5.18731988472619 %	94.8126801152738 %
460-255692-D-2	SB-8 (8-8.5)	Moisture	T	315	1.30 g	9.43 g	9.13 g	3.69003690036899 %	96.309963099631 %
460-255692-D-3	SB-11 (4-4.5)	Moisture	T	316	1.28 g	9.91 g	8.74 g	13.557358053302 4 %	86.442641946697 6 %
460-255692-D-4	SB-11 (9.5-10)	Moisture	T	317	1.29 g	7.29 g	7.18 g	1.8333333333333 %	98.166666666666 7 %
460-255692-D-5	SB-14 (4-5)	Moisture	T	318	1.30 g	7.21 g	6.72 g	8.2910321489002 %	91.708967851099 8 %
460-255692-D-6	SB-14 (6-10)	Moisture	T	319	1.30 g	7.71 g	7.09 g	9.6723868954758 %	90.327613104524 2 %
460-255692-D-7	SB-15 (3-5)	Moisture	T	320	1.33 g	9.31 g	8.21 g	13.784461152882 2 %	86.215538847117 8 %
460-255692-D-8	SB-15 (12-13)	Moisture	T	321	1.29 g	7.47 g	6.66 g	13.106796116504 8 %	86.893203883495 2 %
460-255692-D-9	DUP	Moisture	T	322	1.28 g	7.73 g	6.78 g	14.728682170542 6 %	85.271317829457 4 %
460-255692-D-10	SB-9 (4-5)	Moisture	T	323	1.29 g	7.41 g	7.35 g	0.9803921568628 06 %	99.019607843137 2 %
460-255692-D-11	SB-9 (7-7.5)	Moisture	T	324	1.28 g	7.32 g	7.17 g	2.4834437086093 %	97.516556291390 7 %
460-255692-D-12	SB-12 (0-5)	Moisture	T	325	1.28 g	7.08 g	6.53 g	9.4827586206896 9 %	90.517241379310 3 %
460-255692-D-13	SB-12 (7-8)	Moisture	T	326	1.31 g	7.60 g	6.65 g	15.103338632750 4 %	84.896661367249 6 %
460-255692-D-14	SB-12 (15-15.5)	Moisture	T	327	1.30 g	7.64 g	6.64 g	15.772870662460 6 %	84.227129337539 4 %
460-255692-D-15	SB-10 (2.5-5)	Moisture	T	328	1.30 g	7.06 g	6.89 g	2.9513888888889 %	97.048611111111 1 %
460-255692-D-16	SB-10 (7-7.5)	Moisture	T	329	1.30 g	7.10 g	6.91 g	3.2758620689654 9 %	96.724137931034 5 %
460-255692-D-16 DU	SB-10 (7-7.5)	Moisture	T	330	1.28 g	7.09 g	6.90 g	3.2702237521514 9 %	96.729776247848 5 %

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Batch Number: 837666 Batch Start Date: 04/06/22 16:08 Batch Analyst: Cho, Claudia J

Batch Method: Moisture Batch End Date:

Batch Notes	
Balance ID	106
Oven ID	2
Thermometer ID	W25166
Date samples were placed in the oven	04/06/2022
Time samples were place in the oven	17:37
Temperature - Start - Uncorrected	110 Degrees C
Oven Temp In	110 Degrees C
Batch Comment	oven

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255692-1

SDG No.:

Batch Number: 837678 Batch Start Date: 04/06/22 16:39 Batch Analyst: Cho, Claudia J

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry	%_Moisture	%_Solid
460-255692-D-17	SB-10 (15-15.5)	Moisture	T	112	1.29 g	8.05 g	7.52 g	7.8402366863905 %	92.159763313609 5 %
460-255692-D-18	SB-13 (2-2.5)	Moisture	T	113	1.27 g	7.18 g	6.94 g	4.0609137055838 %	95.939086294416 2 %
460-255692-D-19	SB-13 (7-7.5)	Moisture	T	114	1.30 g	8.10 g	6.99 g	16.323529411764 7 %	83.676470588235 3 %
460-255692-D-20	SB-16 (3-5)	Moisture	T	115	1.29 g	7.29 g	6.84 g	7.5 %	92.5 %
460-255692-D-21	SB-16 (7-7.5)	Moisture	T	116	1.29 g	8.44 g	8.12 g	4.4755244755244 9 %	95.524475524475 5 %
460-255715-B-15 DU		Moisture	T	132	1.32 g	8.86 g	7.94 g	12.201591511936 3 %	87.798408488063 7 %

Batch Notes	
Balance ID	106
Oven ID	2
Thermometer ID	W25166
Date samples were placed in the oven	04/06/2022
Time samples were place in the oven	17:37
Temperature - Start - Uncorrected	110 Degrees C
Oven Temp In	110 Degrees C
Batch Comment	oven

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record

NYC 222

635941

eurofins | Environment Testing America

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other: NY 375

TAL-8210

Client Contact	Project Manager: N. Krawiecky	Site Contact: Ashlyn Norberg	Date: 4/5/22	COC No: 1
Company Name: ECC Horizon	Tel/Email: nkrawiecky@eichorizon.com	Lab Contact:	Carrier:	1 of 2 COCs
Address: 1 Emery Ave, Unit 2	Analysis Turnaround Time			Sampler:
City/State/Zip: Randolph NJ	☐ CALENDAR DAYS ☒ WORKING DAYS			For Lab Use Only:
Phone: 973 989 8010	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: Bridge Cleaners	☒ 1 week - 5 day			Job / SDG No.: 255692
Site: Bridge Cleaners	☐ 2 days			
P O #	☐ 1 day			

460-255692 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL VOC	###	Total Solids	Sample Specific Notes:
SB-8 (0-5)	4/5/22	910	G	S	4			X		X	1
SB-8 (8-8.5)		920	G		4			X		X	2
SB-11 (4-4.5)		940			4			X		X	3
SB-11 (9.5-10)		945			4			X		X	4
SB-14 (4-5)		1000			4			X		X	5
SB-14 (6-10)		1010			4			X		X	6
SB-15 (3-5)		1045			4			X		X	7
SB-15 ~~(DUP)~~ (12-13)		1100			4			X		X	8
DUP		—			4			X		X	9
SB-9 (4-5)		1115			4			X		X	10
SB-9 (7-7.5)		1120			4			X		X	11
SB-12 (0-5)		1200			4			X		X	12

SHORT HOLD

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:
ASP Cat. B deliverable

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

	Company	Date/Time		Company	Date/Time
Relinquished by:	ECC	4/5/22 16:00	Received by:	TA NYC	04/05/22 16:00
Relinquished by:	TA NYC	04/05/22 17:00	Received by:		4522 1700
Relinquished by:		4522 1700	Received in Laboratory by:		4/5/22 1700

NYC 222

Chain of Custody Record

635943

eurofins | Environment Testing America

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other: NY 375

TAL-8210

Client Contact	Project Manager: N Krasnecky	Site Contact: Ashlyn Norberg	Date: 4/5/22	COC No: 1
Company Name: ECC Horizon	Tel/Email: nkrasnecky@ecchorizon.com	Lab Contact:	Carrier:	2 of 2 COCs
Address: 1 Emery Ave, Unit 2	Analysis Turnaround Time			Sampler:
City/State/Zip: Randolph NJ	☐ CALENDAR DAYS ☒ WORKING DAYS			For Lab Use Only:
Phone: 973 989 8010	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: Bridge Cleaners	☒ 1 week - 5 day			Job / SDG No.: 255692
Site: Bridge Cleaners	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL VOC	Total Solids												Sample Specific Notes:
SB-12 (7-8)	4/5/22	1150	G	S	4			X	X												13
SB-12 (15-15.5)		1205			4			X	X												14
SB-10 (2.5-5)		1230			4			X	X												15
SB-10 (7-7.5)		1235			4			X	X												16
SB-10 (15-15.5)		1240			4			X	X												17
SB-13 (2-2.5)		1255			4			X	X												18
SB-13 (7-7.5)		1300			4			X	X												19
SB-16 (3-5)		1320			4			X	X												20
SB-16 (7-7.5)		1325			4			X	X												21
TB			TB	TB	2			X													22
FB		810	FB	FB	2			X													23

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:
ASP Cat B deliverable

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: ECC	Date/Time: 4/5/22 16:00	Received by:	Company: TA NYC	Date/Time: 04/05/22 16:00
Relinquished by:	Company: TA NYC	Date/Time: 04/05/22 17:00	Received by:	Company:	Date/Time: 4522 1700
Relinquished by:	Company:	Date/Time: 4522 1845	Received in Laboratory by:	Company:	Date/Time: 4/5/22 1845

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 255692

Number of Coolers: 3 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	22 °C	24 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	26 °C	28 °C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	13 °C	15 °C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

* *Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: _____ Date: 4522

Login Sample Receipt Checklist

Client: Environmental Compliance & Control Inc

Job Number: 460-255692-1

Login Number: 255692
List Number: 1
Creator: Khlungprakhon, Sukanya

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Job Number: 460-255715-1

Job Description: Bridge Cleaners

For:
Environmental Compliance & Control Inc
1 Emery Avenue
Unit 2
Randolph, NJ 07869

Attention: Nicholas Krasnecky

Approved for release.
Kristyn L Tempe
Manager of Project Management
4/20/2022 9:57 AM

Kristyn L Tempe, Manager of Project Management
777 New Durham Road, Edison, NJ, 08817
(732)549-3900
Kristyn.Tempe@et.eurofinsus.com
04/20/2022

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Edison and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Edison Project Manager or designee who has signed this report.

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

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Job Number: 460-255715-1

Job Description: Bridge Cleaners

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Approved for release.
Kristyn L Tempe
Manager of Project Management
4/20/2022 9:57 AM

Kristyn L Tempe

Table of Contents

Cover Title Page 1

Data Summaries 7

Report Narrative 7

Sample Summary 10

Detection Summary 11

Method Summary 15

Client Sample Results 16

Surrogate Summary 30

QC Sample Results 32

Definitions 54

QC Association 56

Chronicle 63

Certification Summary 71

Organic Sample Data 72

GC/MS Semi VOA 72

8270E 72

8270E QC Summary 73

8270E Sample Data 88

Standards Data 135

8270E ICAL Data 135

8270E Resolution Data 303

8270E CCAL Data 311

Raw QC Data 331

8270E Tune Data 331

8270E Blank Data 340

8270E LCS/LCSD Data 351

Table of Contents

8270E MS/MSD Data 370

8270E Run Logs 388

8270E Prep Data 390

GC VOA 391

8015D_GRO 391

8015D_GRO QC Summary 392

8015D_GRO Sample Data 398

Standards Data 471

8015D_GRO ICAL Data 471

8015D_GRO CCAL Data 491

Raw QC Data 511

8015D_GRO Blank Data 511

8015D_GRO LCS/LCSD Data 516

8015D_GRO Run Logs 526

8015D_GRO Prep Data 528

GC Semi VOA 531

8015D_DRO 531

8015D_DRO QC Summary 532

8015D_DRO Sample Data 545

Standards Data 624

8015D_DRO ICAL Data 624

8015D_DRO CCAL Data 692

Raw QC Data 758

8015D_DRO Blank Data 758

8015D_DRO LCS/LCSD Data 803

8015D_DRO MS/MSD Data 823

Table of Contents

8015D_DRO Run Logs 849

8015D_DRO Prep Data 854

8082A 857

8082A QC Summary 858

8082A Sample Data 872

Standards Data 903

8082A ICAL Data 903

8082A CCAL Data 1213

Raw QC Data 1238

8082A Blank Data 1238

8082A LCS/LCSD Data 1259

8082A MS/MSD Data 1293

8082A Run Logs 1325

8082A Prep Data 1328

Inorganic Sample Data 1329

Metals Data 1329

Met Cover Page 1330

Met Sample Data 1331

Met QC Data 1337

Met ICV/CCV 1337

Met CRQL 1346

Met Blanks 1347

Met ICSA/ICSAB 1362

Met MS/MSD/PDS 1366

Met Dup/Trip 1374

Met LCS/LCSD 1379

Table of Contents

Met Serial Dilution 1388

Met Calibration 1393

Met MDL 1437

Met Linear Ranges 1445

Met Preparation Log 1446

Met Analysis Run Log 1451

Met ICP/MS Int Stds 1473

Met Raw Data 1479

Met Prep Data 2099

General Chemistry Data 2114

Gen Chem Cover Page 2115

Gen Chem Sample Data 2116

Gen Chem QC Data 2117

Gen Chem ICV/CCV 2117

Gen Chem Blanks 2119

Gen Chem MS/MSD/PDS 2120

Gen Chem Duplicates 2122

Gen Chem LCS/LCSD 2123

Gen Chem MDL 2125

Gen Chem Preparation Log 2137

Gen Chem Analysis Run Log 2139

Gen Chem Raw Data 2146

Gen Chem Prep Data 2152

Shipping and Receiving Documents 2162

Client Chain of Custody 2163

Sample Receipt Checklist 2166

CASE NARRATIVE

Client: Environmental Compliance & Control Inc

Project: Bridge Cleaners

Report Number: 460-255715-1

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

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

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

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

RECEIPT
The samples were received on 04/05/2022; the samples arrived in good condition, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.5º C, 2.4º C and 2.8º C.

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

Receipt Exceptions

The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): The container labels list SB-10(2.5-5), while the COC lists SB-10(7-7.5).

The container labels list time 12:30 while the COC lists time 12:35.

Per client email, the following ID and time should be used SB-10(2.5-5) @ 12:30

The following samples were activated for DRO by the client on 4/13/22 : SB-13 (2-2.5) (460-255715-13), SB-13 (7-7.5) (460-255715-14) and SB-16 (3-5) (460-255715-15).

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples COMP-1 (460-255715-16), COMP-2 (460-255715-17) and COMP-3 (460-255715-18) were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Methods 8270E. The samples were prepared on 04/06/2022 and analyzed on 04/07/2022.

The continuing calibration verification (CCV) analyzed in batch 460-837819 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Caprolactam failed the recovery criteria low for the MS of sample 460-255680-1 in batch 460-837819.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

GASOLINE RANGE ORGANICS
Samples SB-8 (0-5) (460-255715-1), SB-8 (8-8.5) (460-255715-2), SB-11 (4-4.5) (460-255715-3), SB-11 (9.5-10) (460-255715-4), SB-14

(4-5) (460-255715-5), SB-14 (6-10) (460-255715-6), SB-15 (3-5) (460-255715-7), SB-15 (12-13) (460-255715-8), SB-9 (4-5) (460-255715-9), SB-12 (0-5) (460-255715-10), SB-12 (7-8) (460-255715-11), SB-10(2.5-5) (460-255715-12), SB-13 (2-2.5) (460-255715-13), SB-13 (7-7.5) (460-255715-14) and SB-16 (3-5) (460-255715-15) were analyzed for gasoline range organics in accordance with EPA SW-846 Method 8015D - GRO. The samples were prepared on 04/06/2022 and analyzed on 04/07/2022.

No difficulties were encountered during the GRO analysis.

All quality control parameters were within the acceptance limits.

DIESEL RANGE ORGANICS

Samples SB-8 (0-5) (460-255715-1), SB-8 (8-8.5) (460-255715-2), SB-11 (4-4.5) (460-255715-3), SB-11 (9.5-10) (460-255715-4), SB-14 (4-5) (460-255715-5), SB-14 (6-10) (460-255715-6), SB-15 (3-5) (460-255715-7), SB-15 (12-13) (460-255715-8), SB-9 (4-5) (460-255715-9), SB-12 (0-5) (460-255715-10), SB-12 (7-8) (460-255715-11), SB-10(2.5-5) (460-255715-12), SB-13 (2-2.5) (460-255715-13), SB-13 (7-7.5) (460-255715-14) and SB-16 (3-5) (460-255715-15) were analyzed for diesel range organics in accordance with EPA SW-846 Method 8015D - DRO. The samples were prepared on 04/06/2022 and 04/18/2022 and analyzed on 04/08/2022 and 04/19/2022.

Due to an instrument software issue, the injection date of April 8 2022 that appears on the data should be, April 9 2022. This samples were analyzed within hold time.SB-8 (0-5) (460-255715-1), SB-8 (8-8.5) (460-255715-2), SB-11 (4-4.5) (460-255715-3), SB-11 (9.5-10) (460-255715-4), SB-14 (4-5) (460-255715-5), SB-14 (6-10) (460-255715-6), SB-15 (3-5) (460-255715-7), SB-15 (12-13) (460-255715-8), SB-9 (4-5) (460-255715-9), SB-12 (0-5) (460-255715-10), SB-12 (7-8) (460-255715-11), SB-10(2.5-5) (460-255715-12), (CCV 460-837799/44), (CCV 460-837799/56), (CCV 460-837799/60), (PIBLK 460-837799/43), (PIBLK 460-837799/55) and (PIBLK 460-837799/59)

No other difficulties were encountered during the DRO analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS

Samples COMP-1 (460-255715-16), COMP-2 (460-255715-17) and COMP-3 (460-255715-18) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared on 04/06/2022 and analyzed on 04/07/2022.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

TCLP METALS

Samples COMP-1 (460-255715-16), COMP-2 (460-255715-17) and COMP-3 (460-255715-18) were analyzed for TCLP Metals in accordance with EPA SW-846 Method 6020B - TCLP/1311. The samples were leached on 04/08/2022 and 04/09/2022, prepared on 04/09/2022 and 04/10/2022 and analyzed on 04/10/2022 and 04/11/2022.

No difficulties were encountered during the TCLP Metals analysis.

All quality control parameters were within the acceptance limits.

TOTAL METALS (ICP/MS)

Samples COMP-1 (460-255715-16), COMP-2 (460-255715-17) and COMP-3 (460-255715-18) were analyzed for Total Metals (ICP/MS) in accordance with EPA SW-846 Method 6020B. The samples were prepared on 04/08/2022 and analyzed on 04/10/2022.

Antimony, Barium, Iron and Zinc failed the recovery criteria low for the MS of sample 460-254625-1 in batch 460-838367. Aluminum failed the recovery criteria high.

Refer to the QC report for details.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

TCLP MERCURY

Samples COMP-1 (460-255715-16), COMP-2 (460-255715-17) and COMP-3 (460-255715-18) were analyzed for TCLP mercury in accordance with EPA SW-846 Methods 1311/7470A. The samples were leached on 04/08/2022 and 04/09/2022, and prepared and analyzed on 04/11/2022.

No difficulties were encountered during the TCLP Hg analysis.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples COMP-1 (460-255715-16), COMP-2 (460-255715-17) and COMP-3 (460-255715-18) were analyzed for total mercury in

accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 04/07/2022.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

IGNITABILITY
Sample COMP-4 (460-255715-19) was analyzed for Ignitability in accordance with EPA SW-846 Method 1030. The samples were analyzed on 04/10/2022.

No difficulties were encountered during the Ignitability analysis.

All quality control parameters were within the acceptance limits.

REACTIVE CYANIDE
Sample COMP-4 (460-255715-19) was analyzed for reactive cyanide in accordance with EPA SW-846 Method 7.3.3/9014. The samples were prepared and analyzed on 04/12/2022.

No difficulties were encountered during the reactive cyanide analysis.

All quality control parameters were within the acceptance limits.

REACTIVE SULFIDE
Sample COMP-4 (460-255715-19) was analyzed for reactive sulfide in accordance with EPA SW-846 Method 7.3.4/9034. The samples were prepared and analyzed on 04/12/2022.

No difficulties were encountered during the reactive sulfide analysis.

All quality control parameters were within the acceptance limits.

CORROSIVITY (PH)
Sample COMP-4 (460-255715-19) was analyzed for corrosivity (pH) in accordance with EPA SW-846 Method 9045D. The samples were analyzed on 04/09/2022.

No difficulties were encountered during the corrosivity (pH) analysis.

All quality control parameters were within the acceptance limits.

PAINT FILTER
Sample COMP-4 (460-255715-19) was analyzed for Paint Filter in accordance with EPA SW-846 Method 9095B. The samples were analyzed on 04/08/2022.

No difficulties were encountered during the Free Liquids analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE
Samples SB-8 (0-5) (460-255715-1), SB-8 (8-8.5) (460-255715-2), SB-11 (4-4.5) (460-255715-3), SB-11 (9.5-10) (460-255715-4), SB-14 (4-5) (460-255715-5), SB-14 (6-10) (460-255715-6), SB-15 (3-5) (460-255715-7), SB-15 (12-13) (460-255715-8), SB-9 (4-5) (460-255715-9), SB-12 (0-5) (460-255715-10), SB-12 (7-8) (460-255715-11), SB-10(2.5-5) (460-255715-12), SB-13 (2-2.5) (460-255715-13), SB-13 (7-7.5) (460-255715-14), SB-16 (3-5) (460-255715-15), COMP-1 (460-255715-16), COMP-2 (460-255715-17), COMP-3 (460-255715-18) and COMP-4 (460-255715-19) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 04/06/2022.

Percent Moisture exceeded the RPD limit for the duplicate of sample SB-16 (3-5)DU (460-255715-15).

Refer to the QC report for details.

No other difficulties were encountered during the %solids/moisture analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: Environmental Compliance & Control Inc
Job ID: 460-255715-1
Project/Site: Bridge Cleaners

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-255715-1	SB-8 (0-5)	Solid	04/05/22 09:10	04/05/22 18:00
460-255715-2	SB-8 (8-8.5)	Solid	04/05/22 09:20	04/05/22 18:00
460-255715-3	SB-11 (4-4.5)	Solid	04/05/22 09:40	04/05/22 18:00
460-255715-4	SB-11 (9.5-10)	Solid	04/05/22 09:45	04/05/22 18:00
460-255715-5	SB-14 (4-5)	Solid	04/05/22 10:00	04/05/22 18:00
460-255715-6	SB-14 (6-10)	Solid	04/05/22 10:10	04/05/22 18:00
460-255715-7	SB-15 (3-5)	Solid	04/05/22 10:45	04/05/22 18:00
460-255715-8	SB-15 (12-13)	Solid	04/05/22 11:00	04/05/22 18:00
460-255715-9	SB-9 (4-5)	Solid	04/05/22 11:20	04/05/22 18:00
460-255715-10	SB-12 (0-5)	Solid	04/05/22 12:00	04/05/22 18:00
460-255715-11	SB-12 (7-8)	Solid	04/05/22 11:50	04/05/22 18:00
460-255715-12	SB-10(2.5-5)	Solid	04/05/22 12:30	04/05/22 18:00
460-255715-13	SB-13 (2-2.5)	Solid	04/05/22 12:55	04/05/22 18:00
460-255715-14	SB-13 (7-7.5)	Solid	04/05/22 13:00	04/05/22 18:00
460-255715-15	SB-16 (3-5)	Solid	04/05/22 13:20	04/05/22 18:00
460-255715-16	COMP-1	Solid	04/05/22 10:25	04/05/22 18:00
460-255715-17	COMP-2	Solid	04/05/22 12:15	04/05/22 18:00
460-255715-18	COMP-3	Solid	04/05/22 13:35	04/05/22 18:00
460-255715-19	COMP-4	Solid	04/05/22 13:45	04/05/22 18:00

Detection Summary

Client: Environmental Compliance & Control Inc
Job ID: 460-255715-1
Project/Site: Bridge Cleaners

Client Sample ID: SB-8 (0-5) — Lab Sample ID: 460-255715-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C10-C44	21		9.3	0.59	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: SB-8 (8-8.5) — Lab Sample ID: 460-255715-2

No Detections.

Client Sample ID: SB-11 (4-4.5) — Lab Sample ID: 460-255715-3

No Detections.

Client Sample ID: SB-11 (9.5-10) — Lab Sample ID: 460-255715-4

No Detections.

Client Sample ID: SB-14 (4-5) — Lab Sample ID: 460-255715-5

No Detections.

Client Sample ID: SB-14 (6-10) — Lab Sample ID: 460-255715-6

No Detections.

Client Sample ID: SB-15 (3-5) — Lab Sample ID: 460-255715-7

No Detections.

Client Sample ID: SB-15 (12-13) — Lab Sample ID: 460-255715-8

No Detections.

Client Sample ID: SB-9 (4-5) — Lab Sample ID: 460-255715-9

No Detections.

Client Sample ID: SB-12 (0-5) — Lab Sample ID: 460-255715-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C10-C44	25		9.8	0.62	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: SB-12 (7-8) — Lab Sample ID: 460-255715-11

No Detections.

Client Sample ID: SB-10(2.5-5) — Lab Sample ID: 460-255715-12

No Detections.

Client Sample ID: SB-13 (2-2.5) — Lab Sample ID: 460-255715-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C10-C44	84		9.1	0.58	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: SB-13 (7-7.5) — Lab Sample ID: 460-255715-14

No Detections.

Client Sample ID: SB-16 (3-5) — Lab Sample ID: 460-255715-15

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Environmental Compliance & Control Inc
Job ID: 460-255715-1
Project/Site: Bridge Cleaners

Client Sample ID: COMP-1
Lab Sample ID: 460-255715-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	17	J	35	12	ug/Kg	1	☼	8270E	Total/NA
Chrysene	10	J	350	6.0	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	17	J	350	12	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	13	J	350	6.2	ug/Kg	1	☼	8270E	Total/NA
Pyrene	16	J	350	8.8	ug/Kg	1	☼	8270E	Total/NA
Aluminum	7350		17.2	4.7	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.6		0.86	0.089	mg/Kg	1	☼	6020B	Total/NA
Barium	46.4		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.28	J	0.34	0.049	mg/Kg	1	☼	6020B	Total/NA
Calcium	5560		86.0	15.2	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.12	J	0.86	0.097	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.7		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.1		1.7	0.78	mg/Kg	1	☼	6020B	Total/NA
Copper	19.9		1.7	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	13100		51.6	17.4	mg/Kg	1	☼	6020B	Total/NA
Potassium	1140		86.0	13.9	mg/Kg	1	☼	6020B	Total/NA
Magnesium	5560		86.0	8.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	241		3.4	0.35	mg/Kg	1	☼	6020B	Total/NA
Sodium	120		86.0	39.3	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.5		1.7	0.40	mg/Kg	1	☼	6020B	Total/NA
Lead	99.4		0.52	0.17	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.10	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Vanadium	27.2		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	62.7		6.9	2.6	mg/Kg	1	☼	6020B	Total/NA
Barium	438		40.0	9.1	ug/L	10		6020B	TCLP
Lead	27.2		12.0	8.4	ug/L	10		6020B	TCLP
Mercury	0.00020		0.00020	0.000091	mg/L	1		7470A	TCLP
Mercury	0.013	J	0.018	0.0084	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: COMP-2
Lab Sample ID: 460-255715-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	7.9	J	350	3.5	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	64		35	12	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	57		35	9.3	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	81		35	9.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	45	J	350	10	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	33	J	35	6.8	ug/Kg	1	☼	8270E	Total/NA
Chrysene	65	J	350	5.9	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	110	J	350	12	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	76		35	14	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	41	J	350	6.1	ug/Kg	1	☼	8270E	Total/NA
Pyrene	110	J	350	8.6	ug/Kg	1	☼	8270E	Total/NA
Aluminum	6210		16.8	4.6	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.9		0.84	0.086	mg/Kg	1	☼	6020B	Total/NA
Barium	41.2		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.27	J	0.34	0.048	mg/Kg	1	☼	6020B	Total/NA
Calcium	3440		83.8	14.8	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.11	J	0.84	0.095	mg/Kg	1	☼	6020B	Total/NA
Cobalt	13.2		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Chromium	13.8		1.7	0.76	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: COMP-2 (Continued)
Lab Sample ID: 460-255715-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	13.6		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	10800		50.3	16.9	mg/Kg	1	☼	6020B	Total/NA
Potassium	688		83.8	13.6	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3340		83.8	8.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	248		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Sodium	90.7		83.8	38.3	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.2		1.7	0.39	mg/Kg	1	☼	6020B	Total/NA
Lead	66.4		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.19	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.079	J	0.34	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	16.6		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	78.1		6.7	2.6	mg/Kg	1	☼	6020B	Total/NA
Barium	312		40.0	9.1	ug/L	10		6020B	TCLP
Lead	102		12.0	8.4	ug/L	10		6020B	TCLP
Mercury	0.00012	J	0.00020	0.000091	mg/L	1		7470A	TCLP
Mercury	0.093		0.017	0.0082	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: COMP-3
Lab Sample ID: 460-255715-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	17	J	35	12	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	11	J	35	9.1	ug/Kg	1	☼	8270E	Total/NA
Chrysene	10	J	350	5.9	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	16	J	350	12	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	11	J	350	6.2	ug/Kg	1	☼	8270E	Total/NA
Pyrene	17	J	350	8.7	ug/Kg	1	☼	8270E	Total/NA
Aluminum	5540		16.0	4.4	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.5		0.80	0.083	mg/Kg	1	☼	6020B	Total/NA
Barium	39.6		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.27	J	0.32	0.046	mg/Kg	1	☼	6020B	Total/NA
Calcium	4050		80.1	14.2	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.13	J	0.80	0.091	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.2		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Chromium	10.8		1.6	0.73	mg/Kg	1	☼	6020B	Total/NA
Copper	15.1		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	10200		48.1	16.2	mg/Kg	1	☼	6020B	Total/NA
Potassium	692		80.1	13.0	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2380		80.1	8.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	288		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Sodium	155		80.1	36.6	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.0		1.6	0.38	mg/Kg	1	☼	6020B	Total/NA
Lead	48.4		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.20	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.073	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	15.5		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	42.5		6.4	2.4	mg/Kg	1	☼	6020B	Total/NA
Barium	370		40.0	9.1	ug/L	10		6020B	TCLP
Lead	61.5		12.0	8.4	ug/L	10		6020B	TCLP
Mercury	0.036		0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Environmental Compliance & Control Inc
Job ID: 460-255715-1
Project/Site: Bridge Cleaners

Client Sample ID: COMP-4
Lab Sample ID: 460-255715-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
pH	7.4	HF			SU	1		9045D	Total/NA
Temperature	20.9	HF			Degrees C	1		9045D	Total/NA
Corrosivity	7.4	HF			SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Environmental Compliance & Control Inc
Job ID: 460-255715-1
Project/Site: Bridge Cleaners

Method	Method Description	Protocol	Laboratory
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	TAL EDI
8015D	Gasoline Range Organics (GRO) (GC)	SW846	TAL EDI
8015D	Diesel Range Organics (DRO) (GC)	SW846	TAL EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL EDI
6020B	Metals (ICP/MS)	SW846	TAL EDI
7470A	Mercury (CVAA)	SW846	TAL EDI
7471B	Mercury (CVAA)	SW846	TAL EDI
1030	Ignitability, Solids	SW846	TAL EDI
9014	Cyanide, Reactive	SW846	TAL EDI
9034	Sulfide, Reactive	SW846	TAL EDI
9045D	pH	SW846	TAL EDI
9095B	Paint Filter	SW846	TAL EDI
Moisture	Percent Moisture	EPA	TAL EDI
1311	TCLP Extraction	SW846	TAL EDI
3010A	Preparation, Total Metals	SW846	TAL EDI
3050B	Preparation, Metals	SW846	TAL EDI
3546	Microwave Extraction	SW846	TAL EDI
5035	Closed System Purge and Trap	SW846	TAL EDI
7.3.3	Cyanide, Reactive	SW846	TAL EDI
7.3.4	Sulfide, Reactive	SW846	TAL EDI
7470A	Preparation, Mercury	SW846	TAL EDI
7471B	Preparation, Mercury	SW846	TAL EDI

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

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

Client Sample ID: SB-8 (0-5)
Lab Sample ID: 460-255715-1
Date Collected: 04/05/22 09:10
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 92.9

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	3200	U	3200	3200	ug/Kg	☼	04/06/22 17:29	04/07/22 11:21	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*114*		*67 - 150*	*04/06/22 17:29*	*04/07/22 11:21*	*50*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	**21**		9.3	0.59	mg/Kg	☼	04/06/22 18:25	04/08/22 09:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*106*		*10 - 150*	*04/06/22 18:25*	*04/08/22 09:54*	*1*

Client Sample ID: SB-8 (8-8.5)
Lab Sample ID: 460-255715-2
Date Collected: 04/05/22 09:20
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 97.1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	3900	U	3900	3900	ug/Kg	☼	04/06/22 17:29	04/07/22 11:49	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*106*		*67 - 150*	*04/06/22 17:29*	*04/07/22 11:49*	*50*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	0.56	U	8.9	0.56	mg/Kg	☼	04/06/22 18:25	04/08/22 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*94*		*10 - 150*	*04/06/22 18:25*	*04/08/22 00:28*	*1*

Client Sample ID: SB-11 (4-4.5)
Lab Sample ID: 460-255715-3
Date Collected: 04/05/22 09:40
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 87.9

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	3100	U	3100	3100	ug/Kg	☼	04/06/22 17:29	04/07/22 12:18	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*114*		*67 - 150*	*04/06/22 17:29*	*04/07/22 12:18*	*50*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	0.62	U	9.9	0.62	mg/Kg	☼	04/06/22 18:25	04/08/22 00:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*92*		*10 - 150*	*04/06/22 18:25*	*04/08/22 00:49*	*1*

Client Sample ID: SB-11 (9.5-10)
Lab Sample ID: 460-255715-4
Date Collected: 04/05/22 09:45
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 98.5

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	3100	U	3100	3100	ug/Kg	☼	04/06/22 17:29	04/07/22 12:48	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*124*		*67 - 150*	*04/06/22 17:29*	*04/07/22 12:48*	*50*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	0.56	U	8.8	0.56	mg/Kg	☼	04/06/22 18:25	04/08/22 01:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*100*		*10 - 150*	*04/06/22 18:25*	*04/08/22 01:53*	*1*

Client Sample ID: SB-14 (4-5)
Lab Sample ID: 460-255715-5
Date Collected: 04/05/22 10:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 92.3

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	2800	U	2800	2800	ug/Kg	☼	04/06/22 17:29	04/07/22 13:16	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*116*		*67 - 150*	*04/06/22 17:29*	*04/07/22 13:16*	*50*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	0.59	U	9.4	0.59	mg/Kg	☼	04/06/22 18:25	04/08/22 02:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*99*		*10 - 150*	*04/06/22 18:25*	*04/08/22 02:15*	*1*

Client Sample ID: SB-14 (6-10)
Lab Sample ID: 460-255715-6
Date Collected: 04/05/22 10:10
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 94.7

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	2900	U	2900	2900	ug/Kg	☼	04/06/22 17:30	04/07/22 13:45	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*104*		*67 - 150*	*04/06/22 17:30*	*04/07/22 13:45*	*50*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	0.58	U	9.2	0.58	mg/Kg	☼	04/06/22 18:25	04/08/22 02:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*111*		*10 - 150*	*04/06/22 18:25*	*04/08/22 02:36*	*1*

Client Sample ID: SB-15 (3-5)
Lab Sample ID: 460-255715-7

Date Collected: 04/05/22 10:45
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 85.9

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	2700	U	2700	2700	ug/Kg	☼	04/06/22 17:30	04/07/22 14:14	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*119*		*67 - 150*	*04/06/22 17:30*	*04/07/22 14:14*	*50*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	0.64	U	10	0.64	mg/Kg	☼	04/06/22 18:25	04/08/22 02:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*98*		*10 - 150*	*04/06/22 18:25*	*04/08/22 02:57*	*1*

Client Sample ID: SB-15 (12-13)
Lab Sample ID: 460-255715-8

Date Collected: 04/05/22 11:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 86.4

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	3600	U	3600	3600	ug/Kg	☼	04/06/22 17:30	04/07/22 14:43	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*116*		*67 - 150*	*04/06/22 17:30*	*04/07/22 14:43*	*50*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	0.63	U	10	0.63	mg/Kg	☼	04/06/22 18:25	04/08/22 03:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*100*		*10 - 150*	*04/06/22 18:25*	*04/08/22 03:18*	*1*

Client Sample ID: SB-9 (4-5)
Lab Sample ID: 460-255715-9

Date Collected: 04/05/22 11:20
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 99.5

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	3000	U	3000	3000	ug/Kg	☼	04/06/22 17:30	04/07/22 15:12	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*112*		*67 - 150*	*04/06/22 17:30*	*04/07/22 15:12*	*50*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	0.55	U	8.7	0.55	mg/Kg	☼	04/06/22 18:25	04/08/22 03:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*95*		*10 - 150*	*04/06/22 18:25*	*04/08/22 03:39*	*1*

Client Sample ID: SB-12 (0-5)
Lab Sample ID: 460-255715-10
Date Collected: 04/05/22 12:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 88.8

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	3300	U	3300	3300	ug/Kg	☼	04/06/22 17:30	04/07/22 15:42	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*120*		*67 - 150*	*04/06/22 17:30*	*04/07/22 15:42*	*50*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	**25**		9.8	0.62	mg/Kg	☼	04/06/22 18:25	04/08/22 04:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*108*		*10 - 150*	*04/06/22 18:25*	*04/08/22 04:01*	*1*

Client Sample ID: SB-12 (7-8)
Lab Sample ID: 460-255715-11
Date Collected: 04/05/22 11:50
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 84.8

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	2900	U	2900	2900	ug/Kg	☼	04/06/22 17:31	04/07/22 17:11	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*123*		*67 - 150*	*04/06/22 17:31*	*04/07/22 17:11*	*50*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	0.64	U	10	0.64	mg/Kg	☼	04/06/22 18:25	04/08/22 04:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*102*		*10 - 150*	*04/06/22 18:25*	*04/08/22 04:22*	*1*

Client Sample ID: SB-10(2.5-5)
Lab Sample ID: 460-255715-12
Date Collected: 04/05/22 12:30
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 94.7

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	3500	U	3500	3500	ug/Kg	☼	04/06/22 17:31	04/07/22 17:41	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*121*		*67 - 150*	*04/06/22 17:31*	*04/07/22 17:41*	*50*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	0.58	U	9.1	0.58	mg/Kg	☼	04/06/22 18:25	04/08/22 04:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*104*		*10 - 150*	*04/06/22 18:25*	*04/08/22 04:43*	*1*

Client Sample ID: SB-13 (2-2.5)
Lab Sample ID: 460-255715-13
Date Collected: 04/05/22 12:55
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 95.1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	3000	U	3000	3000	ug/Kg	☼	04/06/22 17:31	04/07/22 18:11	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*124*		*67 - 150*	*04/06/22 17:31*	*04/07/22 18:11*	*50*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	**84**		9.1	0.58	mg/Kg	☼	04/18/22 22:17	04/19/22 08:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*104*		*10 - 150*	*04/18/22 22:17*	*04/19/22 08:52*	*1*

Client Sample ID: SB-13 (7-7.5)
Lab Sample ID: 460-255715-14
Date Collected: 04/05/22 13:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 84.1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	2800	U	2800	2800	ug/Kg	☼	04/06/22 17:31	04/07/22 18:41	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*114*		*67 - 150*	*04/06/22 17:31*	*04/07/22 18:41*	*50*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	0.65	U	10	0.65	mg/Kg	☼	04/18/22 22:17	04/19/22 09:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*95*		*10 - 150*	*04/18/22 22:17*	*04/19/22 09:05*	*1*

Client Sample ID: SB-16 (3-5)
Lab Sample ID: 460-255715-15
Date Collected: 04/05/22 13:20
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 91.2

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	3100	U	3100	3100	ug/Kg	☼	04/06/22 17:31	04/07/22 19:10	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*103*		*67 - 150*	*04/06/22 17:31*	*04/07/22 19:10*	*50*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	0.60	U	9.5	0.60	mg/Kg	☼	04/18/22 22:17	04/19/22 09:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*102*		*10 - 150*	*04/18/22 22:17*	*04/19/22 09:17*	*1*

Client Sample ID: COMP-1
Lab Sample ID: 460-255715-16
Date Collected: 04/05/22 10:25
Matrix: Solid
Date Received: 04/05/22 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	2.9	U	20.0	2.9	ug/L		04/09/22 17:55	04/10/22 17:09	10
Arsenic	8.9	U	20.0	8.9	ug/L		04/09/22 17:55	04/10/22 17:09	10
Barium	**438**		40.0	9.1	ug/L		04/09/22 17:55	04/10/22 17:09	10
Cadmium	3.9	U	20.0	3.9	ug/L		04/09/22 17:55	04/10/22 17:09	10
Chromium	25.0	U	40.0	25.0	ug/L		04/09/22 17:55	04/10/22 17:09	10
Lead	**27.2**		12.0	8.4	ug/L		04/09/22 17:55	04/10/22 17:09	10
Selenium	5.9	U	25.0	5.9	ug/L		04/09/22 17:55	04/10/22 17:09	10

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00020**		0.00020	0.000091	mg/L		04/11/22 13:32	04/11/22 14:45	1

Client Sample ID: COMP-1
Lab Sample ID: 460-255715-16
Date Collected: 04/05/22 10:25
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	4.7	U	350	4.7	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
1,2,4,5-Tetrachlorobenzene	11	U	350	11	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
2,2'-oxybis[1-chloropropane]	6.4	U	350	6.4	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
2,3,4,6-Tetrachlorophenol	24	U	350	24	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
2,4,5-Trichlorophenol	36	U	350	36	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
2,4,6-Trichlorophenol	45	U	140	45	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
2,4-Dichlorophenol	23	U	140	23	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
2,4-Dimethylphenol	15	U	350	15	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
2,4-Dinitrophenol	170	U	280	170	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
2,4-Dinitrotoluene	38	U	71	38	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
2,6-Dinitrotoluene	25	U	71	25	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
2-Chloronaphthalene	16	U	350	16	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
2-Chlorophenol	13	U	350	13	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
2-Methylnaphthalene	9.8	U	350	9.8	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
2-Methylphenol	13	U	350	13	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
2-Nitroaniline	13	U	350	13	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
2-Nitrophenol	35	U	350	35	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
3,3'-Dichlorobenzidine	53	U	140	53	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
3-Nitroaniline	40	U	350	40	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
4,6-Dinitro-2-methylphenol	140	U	280	140	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
4-Bromophenyl phenyl ether	14	U	350	14	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
4-Chloro-3-methylphenol	20	U	350	20	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
4-Chloroaniline	62	U	350	62	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
4-Chlorophenyl phenyl ether	12	U	350	12	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
4-Methylphenol	22	U	350	22	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
4-Nitroaniline	40	U	350	40	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
4-Nitrophenol	57	U	710	57	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Acenaphthene	10	U	350	10	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Acenaphthylene	3.5	U	350	3.5	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Acetophenone	17	U	350	17	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Anthracene	11	U	350	11	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Atrazine	21	U	140	21	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1

Client Sample ID: COMP-1
Date Collected: 04/05/22 10:25
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255715-16
Matrix: Solid
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	58	U	350	58	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Benzo[a]anthracene	**17**	**J**	35	12	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Benzo[a]pyrene	9.4	U	35	9.4	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Benzo[b]fluoranthene	9.1	U	35	9.1	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Benzo[g,h,i]perylene	10	U	350	10	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Benzo[k]fluoranthene	6.9	U	35	6.9	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Bis(2-chloroethoxy)methane	27	U	350	27	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Bis(2-chloroethyl)ether	12	U	35	12	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Bis(2-ethylhexyl) phthalate	19	U	350	19	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Butyl benzyl phthalate	17	U	350	17	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Caprolactam	55	U	350	55	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Carbazole	13	U	350	13	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Chrysene	**10**	**J**	350	6.0	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Dibenz(a,h)anthracene	15	U	35	15	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Dibenzofuran	4.9	U	350	4.9	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Diethyl phthalate	5.1	U	350	5.1	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Dimethyl phthalate	80	U	350	80	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Di-n-butyl phthalate	13	U	350	13	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Di-n-octyl phthalate	19	U	350	19	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Fluoranthene	**17**	**J**	350	12	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Fluorene	4.8	U	350	4.8	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Hexachlorobenzene	17	U	35	17	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Hexachlorobutadiene	7.5	U	71	7.5	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Hexachlorocyclopentadiene	31	U	350	31	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Hexachloroethane	12	U	35	12	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Indeno[1,2,3-cd]pyrene	14	U	35	14	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Isophorone	100	U	140	100	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Naphthalene	6.1	U	350	6.1	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Nitrobenzene	8.5	U	35	8.5	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
N-Nitrosodi-n-propylamine	26	U	35	26	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
N-Nitrosodiphenylamine	29	U	350	29	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Pentachlorophenol	72	U	280	72	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Phenanthrene	**13**	**J**	350	6.2	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Phenol	13	U	350	13	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1
Pyrene	**16**	**J**	350	8.8	ug/Kg	☼	04/06/22 19:30	04/07/22 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*10 - 123*	*04/06/22 19:30*	*04/07/22 18:53*	*1*
2-Fluorobiphenyl	*86*		*14 - 103*	*04/06/22 19:30*	*04/07/22 18:53*	*1*
2-Fluorophenol (Surr)	*82*		*10 - 105*	*04/06/22 19:30*	*04/07/22 18:53*	*1*
Nitrobenzene-d5 (Surr)	*83*		*11 - 104*	*04/06/22 19:30*	*04/07/22 18:53*	*1*
Phenol-d5 (Surr)	*83*		*15 - 100*	*04/06/22 19:30*	*04/07/22 18:53*	*1*
Terphenyl-d14 (Surr)	*92*		*12 - 126*	*04/06/22 19:30*	*04/07/22 18:53*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 11:43	1
Aroclor 1221	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 11:43	1
Aroclor 1232	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 11:43	1
Aroclor 1242	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 11:43	1

Client Sample ID: COMP-1
Lab Sample ID: 460-255715-16
Date Collected: 04/05/22 10:25
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 93.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1248	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 11:43	1
Aroclor 1254	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 11:43	1
Aroclor 1260	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 11:43	1
Aroclor-1262	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 11:43	1
Aroclor 1268	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 11:43	1
Polychlorinated biphenyls, Total	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*121*		*37 - 150*	*04/06/22 18:19*	*04/07/22 11:43*	*1*
DCB Decachlorobiphenyl	*115*		*37 - 150*	*04/06/22 18:19*	*04/07/22 11:43*	*1*
Tetrachloro-m-xylene	*117*		*54 - 150*	*04/06/22 18:19*	*04/07/22 11:43*	*1*
Tetrachloro-m-xylene	*111*		*54 - 150*	*04/06/22 18:19*	*04/07/22 11:43*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.077	U	0.86	0.077	mg/Kg	☼	04/08/22 19:50	04/10/22 14:20	1
Aluminum	**7350**		17.2	4.7	mg/Kg	☼	04/08/22 19:50	04/10/22 14:20	1
Arsenic	**1.6**		0.86	0.089	mg/Kg	☼	04/08/22 19:50	04/10/22 14:20	1
Barium	**46.4**		1.7	0.12	mg/Kg	☼	04/08/22 19:50	04/10/22 14:20	1
Beryllium	**0.28**	**J**	0.34	0.049	mg/Kg	☼	04/08/22 19:50	04/10/22 14:20	1
Calcium	**5560**		86.0	15.2	mg/Kg	☼	04/08/22 19:50	04/10/22 14:20	1
Cadmium	**0.12**	**J**	0.86	0.097	mg/Kg	☼	04/08/22 19:50	04/10/22 14:20	1
Cobalt	**5.7**		1.7	0.13	mg/Kg	☼	04/08/22 19:50	04/10/22 14:20	1
Chromium	**16.1**		1.7	0.78	mg/Kg	☼	04/08/22 19:50	04/10/22 14:20	1
Copper	**19.9**		1.7	0.32	mg/Kg	☼	04/08/22 19:50	04/10/22 14:20	1
Iron	**13100**		51.6	17.4	mg/Kg	☼	04/08/22 19:50	04/10/22 14:20	1
Potassium	**1140**		86.0	13.9	mg/Kg	☼	04/08/22 19:50	04/10/22 14:20	1
Magnesium	**5560**		86.0	8.8	mg/Kg	☼	04/08/22 19:50	04/10/22 14:20	1
Manganese	**241**		3.4	0.35	mg/Kg	☼	04/08/22 19:50	04/10/22 14:20	1
Sodium	**120**		86.0	39.3	mg/Kg	☼	04/08/22 19:50	04/10/22 14:20	1
Nickel	**12.5**		1.7	0.40	mg/Kg	☼	04/08/22 19:50	04/10/22 14:20	1
Lead	**99.4**		0.52	0.17	mg/Kg	☼	04/08/22 19:50	04/10/22 14:20	1
Antimony	0.13	U	0.86	0.13	mg/Kg	☼	04/08/22 19:50	04/10/22 14:20	1
Selenium	0.11	U	1.1	0.11	mg/Kg	☼	04/08/22 19:50	04/10/22 14:20	1
Thallium	**0.10**	**J**	0.34	0.035	mg/Kg	☼	04/08/22 19:50	04/10/22 14:20	1
Vanadium	**27.2**		1.7	0.18	mg/Kg	☼	04/08/22 19:50	04/10/22 14:20	1
Zinc	**62.7**		6.9	2.6	mg/Kg	☼	04/08/22 19:50	04/10/22 14:20	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.013**	**J**	0.018	0.0084	mg/Kg	☼	04/07/22 04:03	04/07/22 09:59	1

Client Sample ID: COMP-2
Lab Sample ID: 460-255715-17
Date Collected: 04/05/22 12:15
Matrix: Solid
Date Received: 04/05/22 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	2.9	U	20.0	2.9	ug/L		04/09/22 17:55	04/10/22 17:11	10
Arsenic	8.9	U	20.0	8.9	ug/L		04/09/22 17:55	04/10/22 17:11	10
Barium	**312**		40.0	9.1	ug/L		04/09/22 17:55	04/10/22 17:11	10

Client Sample ID: COMP-2
Lab Sample ID: 460-255715-17
Date Collected: 04/05/22 12:15
Matrix: Solid
Date Received: 04/05/22 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	3.9	U	20.0	3.9	ug/L		04/09/22 17:55	04/10/22 17:11	10
Chromium	25.0	U	40.0	25.0	ug/L		04/09/22 17:55	04/10/22 17:11	10
Lead	**102**		12.0	8.4	ug/L		04/09/22 17:55	04/10/22 17:11	10
Selenium	5.9	U	25.0	5.9	ug/L		04/09/22 17:55	04/10/22 17:11	10

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00012**	**J**	0.00020	0.000091	mg/L		04/11/22 13:32	04/11/22 14:47	1

Client Sample ID: COMP-2
Lab Sample ID: 460-255715-17
Date Collected: 04/05/22 12:15
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 94.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	4.6	U	350	4.6	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
1,2,4,5-Tetrachlorobenzene	11	U	350	11	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
2,2'-oxybis[1-chloropropane]	6.3	U	350	6.3	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
2,3,4,6-Tetrachlorophenol	24	U	350	24	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
2,4,5-Trichlorophenol	35	U	350	35	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
2,4,6-Trichlorophenol	45	U	140	45	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
2,4-Dichlorophenol	22	U	140	22	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
2,4-Dimethylphenol	15	U	350	15	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
2,4-Dinitrophenol	170	U	280	170	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
2,4-Dinitrotoluene	37	U	70	37	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
2,6-Dinitrotoluene	25	U	70	25	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
2-Chloronaphthalene	16	U	350	16	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
2-Chlorophenol	12	U	350	12	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
2-Methylnaphthalene	9.7	U	350	9.7	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
2-Methylphenol	13	U	350	13	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
2-Nitroaniline	13	U	350	13	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
2-Nitrophenol	35	U	350	35	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
3,3'-Dichlorobenzidine	53	U	140	53	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
3-Nitroaniline	39	U	350	39	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
4,6-Dinitro-2-methylphenol	140	U	280	140	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
4-Bromophenyl phenyl ether	14	U	350	14	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
4-Chloro-3-methylphenol	19	U	350	19	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
4-Chloroaniline	62	U	350	62	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
4-Chlorophenyl phenyl ether	12	U	350	12	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
4-Methylphenol	22	U	350	22	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
4-Nitroaniline	40	U	350	40	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
4-Nitrophenol	57	U	700	57	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Acenaphthene	9.9	U	350	9.9	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Acenaphthylene	**7.9**	**J**	350	3.5	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Acetophenone	17	U	350	17	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Anthracene	11	U	350	11	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Atrazine	20	U	140	20	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Benzaldehyde	57	U	350	57	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Benzo[a]anthracene	**64**		35	12	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Benzo[a]pyrene	**57**		35	9.3	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1

Client Sample ID: COMP-2
Lab Sample ID: 460-255715-17

Date Collected: 04/05/22 12:15
Matrix: Solid

Date Received: 04/05/22 18:00
Percent Solids: 94.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**81**		35	9.0	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Benzo[g,h,i]perylene	**45**	**J**	350	10	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Benzo[k]fluoranthene	**33**	**J**	35	6.8	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Bis(2-chloroethoxy)methane	27	U	350	27	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Bis(2-chloroethyl)ether	12	U	35	12	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Bis(2-ethylhexyl) phthalate	18	U	350	18	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Butyl benzyl phthalate	16	U	350	16	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Caprolactam	54	U	350	54	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Carbazole	13	U	350	13	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Chrysene	**65**	**J**	350	5.9	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Dibenz(a,h)anthracene	15	U	35	15	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Dibenzofuran	4.9	U	350	4.9	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Diethyl phthalate	5.0	U	350	5.0	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Dimethyl phthalate	79	U	350	79	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Di-n-butyl phthalate	13	U	350	13	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Di-n-octyl phthalate	18	U	350	18	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Fluoranthene	**110**	**J**	350	12	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Fluorene	4.7	U	350	4.7	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Hexachlorobenzene	17	U	35	17	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Hexachlorobutadiene	7.4	U	70	7.4	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Hexachlorocyclopentadiene	30	U	350	30	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Hexachloroethane	12	U	35	12	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Indeno[1,2,3-cd]pyrene	**76**		35	14	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Isophorone	100	U	140	100	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Naphthalene	6.0	U	350	6.0	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Nitrobenzene	8.3	U	35	8.3	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
N-Nitrosodi-n-propylamine	25	U	35	25	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
N-Nitrosodiphenylamine	29	U	350	29	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Pentachlorophenol	71	U	280	71	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Phenanthrene	**41**	**J**	350	6.1	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Phenol	13	U	350	13	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1
Pyrene	**110**	**J**	350	8.6	ug/Kg	☼	04/06/22 19:30	04/07/22 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*86*		*10 - 123*	*04/06/22 19:30*	*04/07/22 19:10*	*1*
2-Fluorobiphenyl	*76*		*14 - 103*	*04/06/22 19:30*	*04/07/22 19:10*	*1*
2-Fluorophenol (Surr)	*72*		*10 - 105*	*04/06/22 19:30*	*04/07/22 19:10*	*1*
Nitrobenzene-d5 (Surr)	*74*		*11 - 104*	*04/06/22 19:30*	*04/07/22 19:10*	*1*
Phenol-d5 (Surr)	*74*		*15 - 100*	*04/06/22 19:30*	*04/07/22 19:10*	*1*
Terphenyl-d14 (Surr)	*91*		*12 - 126*	*04/06/22 19:30*	*04/07/22 19:10*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 12:33	1
Aroclor 1221	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 12:33	1
Aroclor 1232	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 12:33	1
Aroclor 1242	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 12:33	1
Aroclor 1248	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 12:33	1
Aroclor 1254	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 12:33	1
Aroclor 1260	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 12:33	1

Client Sample ID: COMP-2
Lab Sample ID: 460-255715-17

Date Collected: 04/05/22 12:15
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 94.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1262	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 12:33	1
Aroclor 1268	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 12:33	1
Polychlorinated biphenyls, Total	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 12:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*116*		*37 - 150*	*04/06/22 18:19*	*04/07/22 12:33*	*1*
DCB Decachlorobiphenyl	*108*		*37 - 150*	*04/06/22 18:19*	*04/07/22 12:33*	*1*
Tetrachloro-m-xylene	*110*		*54 - 150*	*04/06/22 18:19*	*04/07/22 12:33*	*1*
Tetrachloro-m-xylene	*105*		*54 - 150*	*04/06/22 18:19*	*04/07/22 12:33*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.075	U	0.84	0.075	mg/Kg	☼	04/08/22 19:50	04/10/22 14:22	1
Aluminum	**6210**		16.8	4.6	mg/Kg	☼	04/08/22 19:50	04/10/22 14:22	1
Arsenic	**1.9**		0.84	0.086	mg/Kg	☼	04/08/22 19:50	04/10/22 14:22	1
Barium	**41.2**		1.7	0.12	mg/Kg	☼	04/08/22 19:50	04/10/22 14:22	1
Beryllium	**0.27**	**J**	0.34	0.048	mg/Kg	☼	04/08/22 19:50	04/10/22 14:22	1
Calcium	**3440**		83.8	14.8	mg/Kg	☼	04/08/22 19:50	04/10/22 14:22	1
Cadmium	**0.11**	**J**	0.84	0.095	mg/Kg	☼	04/08/22 19:50	04/10/22 14:22	1
Cobalt	**13.2**		1.7	0.12	mg/Kg	☼	04/08/22 19:50	04/10/22 14:22	1
Chromium	**13.8**		1.7	0.76	mg/Kg	☼	04/08/22 19:50	04/10/22 14:22	1
Copper	**13.6**		1.7	0.31	mg/Kg	☼	04/08/22 19:50	04/10/22 14:22	1
Iron	**10800**		50.3	16.9	mg/Kg	☼	04/08/22 19:50	04/10/22 14:22	1
Potassium	**688**		83.8	13.6	mg/Kg	☼	04/08/22 19:50	04/10/22 14:22	1
Magnesium	**3340**		83.8	8.5	mg/Kg	☼	04/08/22 19:50	04/10/22 14:22	1
Manganese	**248**		3.4	0.34	mg/Kg	☼	04/08/22 19:50	04/10/22 14:22	1
Sodium	**90.7**		83.8	38.3	mg/Kg	☼	04/08/22 19:50	04/10/22 14:22	1
Nickel	**11.2**		1.7	0.39	mg/Kg	☼	04/08/22 19:50	04/10/22 14:22	1
Lead	**66.4**		0.50	0.17	mg/Kg	☼	04/08/22 19:50	04/10/22 14:22	1
Antimony	0.12	U	0.84	0.12	mg/Kg	☼	04/08/22 19:50	04/10/22 14:22	1
Selenium	**0.19**	**J**	1.0	0.11	mg/Kg	☼	04/08/22 19:50	04/10/22 14:22	1
Thallium	**0.079**	**J**	0.34	0.034	mg/Kg	☼	04/08/22 19:50	04/10/22 14:22	1
Vanadium	**16.6**		1.7	0.17	mg/Kg	☼	04/08/22 19:50	04/10/22 14:22	1
Zinc	**78.1**		6.7	2.6	mg/Kg	☼	04/08/22 19:50	04/10/22 14:22	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.093**		0.017	0.0082	mg/Kg	☼	04/07/22 04:03	04/07/22 10:01	1

Client Sample ID: COMP-3
Lab Sample ID: 460-255715-18

Date Collected: 04/05/22 13:35
Matrix: Solid
Date Received: 04/05/22 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	2.9	U	20.0	2.9	ug/L		04/10/22 17:25	04/11/22 14:34	10
Arsenic	8.9	U	20.0	8.9	ug/L		04/10/22 17:25	04/11/22 14:34	10
Barium	**370**		40.0	9.1	ug/L		04/10/22 17:25	04/11/22 14:34	10
Cadmium	3.9	U	20.0	3.9	ug/L		04/10/22 17:25	04/11/22 14:34	10
Chromium	25.0	U	40.0	25.0	ug/L		04/10/22 17:25	04/11/22 14:34	10
Lead	**61.5**		12.0	8.4	ug/L		04/10/22 17:25	04/11/22 14:34	10

Client Sample ID: COMP-3
Lab Sample ID: 460-255715-18

Date Collected: 04/05/22 13:35
Matrix: Solid
Date Received: 04/05/22 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	5.9	U	25.0	5.9	ug/L		04/10/22 17:25	04/11/22 14:34	10

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000091	U	0.00020	0.000091	mg/L		04/11/22 13:32	04/11/22 14:49	1

Client Sample ID: COMP-3
Lab Sample ID: 460-255715-18

Date Collected: 04/05/22 13:35
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	4.7	U	350	4.7	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
1,2,4,5-Tetrachlorobenzene	11	U	350	11	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
2,2'-oxybis[1-chloropropane]	6.4	U	350	6.4	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
2,3,4,6-Tetrachlorophenol	24	U	350	24	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
2,4,5-Trichlorophenol	36	U	350	36	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
2,4,6-Trichlorophenol	45	U	140	45	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
2,4-Dichlorophenol	23	U	140	23	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
2,4-Dimethylphenol	15	U	350	15	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
2,4-Dinitrophenol	170	U	280	170	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
2,4-Dinitrotoluene	38	U	71	38	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
2,6-Dinitrotoluene	25	U	71	25	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
2-Chloronaphthalene	16	U	350	16	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
2-Chlorophenol	12	U	350	12	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
2-Methylnaphthalene	9.8	U	350	9.8	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
2-Methylphenol	13	U	350	13	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
2-Nitroaniline	13	U	350	13	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
2-Nitrophenol	35	U	350	35	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
3,3'-Dichlorobenzidine	53	U	140	53	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
3-Nitroaniline	40	U	350	40	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
4,6-Dinitro-2-methylphenol	140	U	280	140	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
4-Bromophenyl phenyl ether	14	U	350	14	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
4-Chloro-3-methylphenol	20	U	350	20	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
4-Chloroaniline	62	U	350	62	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
4-Chlorophenyl phenyl ether	12	U	350	12	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
4-Methylphenol	22	U	350	22	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
4-Nitroaniline	40	U	350	40	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
4-Nitrophenol	57	U	710	57	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Acenaphthene	10	U	350	10	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Acenaphthylene	3.5	U	350	3.5	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Acetophenone	17	U	350	17	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Anthracene	11	U	350	11	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Atrazine	21	U	140	21	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Benzaldehyde	58	U	350	58	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Benzo[a]anthracene	**17**	**J**	35	12	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Benzo[a]pyrene	9.4	U	35	9.4	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Benzo[b]fluoranthene	**11**	**J**	35	9.1	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Benzo[g,h,i]perylene	10	U	350	10	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Benzo[k]fluoranthene	6.9	U	35	6.9	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1

Client Sample ID: COMP-3
Date Collected: 04/05/22 13:35
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255715-18
Matrix: Solid
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	27	U	350	27	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Bis(2-chloroethyl)ether	12	U	35	12	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Bis(2-ethylhexyl) phthalate	19	U	350	19	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Butyl benzyl phthalate	16	U	350	16	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Caprolactam	55	U	350	55	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Carbazole	13	U	350	13	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Chrysene	**10**	**J**	350	5.9	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Dibenz(a,h)anthracene	15	U	35	15	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Dibenzofuran	4.9	U	350	4.9	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Diethyl phthalate	5.1	U	350	5.1	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Dimethyl phthalate	80	U	350	80	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Di-n-butyl phthalate	13	U	350	13	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Di-n-octyl phthalate	19	U	350	19	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Fluoranthene	**16**	**J**	350	12	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Fluorene	4.8	U	350	4.8	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Hexachlorobenzene	17	U	35	17	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Hexachlorobutadiene	7.5	U	71	7.5	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Hexachlorocyclopentadiene	31	U	350	31	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Hexachloroethane	12	U	35	12	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Indeno[1,2,3-cd]pyrene	14	U	35	14	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Isophorone	100	U	140	100	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Naphthalene	6.1	U	350	6.1	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Nitrobenzene	8.4	U	35	8.4	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
N-Nitrosodi-n-propylamine	26	U	35	26	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
N-Nitrosodiphenylamine	29	U	350	29	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Pentachlorophenol	72	U	280	72	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Phenanthrene	**11**	**J**	350	6.2	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Phenol	13	U	350	13	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1
Pyrene	**17**	**J**	350	8.7	ug/Kg	☼	04/06/22 19:30	04/07/22 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*10 - 123*	*04/06/22 19:30*	*04/07/22 19:28*	*1*
2-Fluorobiphenyl	*84*		*14 - 103*	*04/06/22 19:30*	*04/07/22 19:28*	*1*
2-Fluorophenol (Surr)	*81*		*10 - 105*	*04/06/22 19:30*	*04/07/22 19:28*	*1*
Nitrobenzene-d5 (Surr)	*82*		*11 - 104*	*04/06/22 19:30*	*04/07/22 19:28*	*1*
Phenol-d5 (Surr)	*83*		*15 - 100*	*04/06/22 19:30*	*04/07/22 19:28*	*1*
Terphenyl-d14 (Surr)	*91*		*12 - 126*	*04/06/22 19:30*	*04/07/22 19:28*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 12:49	1
Aroclor 1221	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 12:49	1
Aroclor 1232	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 12:49	1
Aroclor 1242	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 12:49	1
Aroclor 1248	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 12:49	1
Aroclor 1254	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 12:49	1
Aroclor 1260	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 12:49	1
Aroclor-1262	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 12:49	1
Aroclor 1268	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 12:49	1
Polychlorinated biphenyls, Total	19	U	71	19	ug/Kg	☼	04/06/22 18:19	04/07/22 12:49	1

Client Sample ID: COMP-3
Lab Sample ID: 460-255715-18

Date Collected: 04/05/22 13:35
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 93.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*123*		*37 - 150*	*04/06/22 18:19*	*04/07/22 12:49*	*1*
DCB Decachlorobiphenyl	*117*		*37 - 150*	*04/06/22 18:19*	*04/07/22 12:49*	*1*
Tetrachloro-m-xylene	*118*		*54 - 150*	*04/06/22 18:19*	*04/07/22 12:49*	*1*
Tetrachloro-m-xylene	*112*		*54 - 150*	*04/06/22 18:19*	*04/07/22 12:49*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.071	U	0.80	0.071	mg/Kg	☼	04/08/22 19:50	04/10/22 14:25	1
Aluminum	**5540**		16.0	4.4	mg/Kg	☼	04/08/22 19:50	04/10/22 14:25	1
Arsenic	**1.5**		0.80	0.083	mg/Kg	☼	04/08/22 19:50	04/10/22 14:25	1
Barium	**39.6**		1.6	0.12	mg/Kg	☼	04/08/22 19:50	04/10/22 14:25	1
Beryllium	**0.27**	**J**	0.32	0.046	mg/Kg	☼	04/08/22 19:50	04/10/22 14:25	1
Calcium	**4050**		80.1	14.2	mg/Kg	☼	04/08/22 19:50	04/10/22 14:25	1
Cadmium	**0.13**	**J**	0.80	0.091	mg/Kg	☼	04/08/22 19:50	04/10/22 14:25	1
Cobalt	**7.2**		1.6	0.12	mg/Kg	☼	04/08/22 19:50	04/10/22 14:25	1
Chromium	**10.8**		1.6	0.73	mg/Kg	☼	04/08/22 19:50	04/10/22 14:25	1
Copper	**15.1**		1.6	0.29	mg/Kg	☼	04/08/22 19:50	04/10/22 14:25	1
Iron	**10200**		48.1	16.2	mg/Kg	☼	04/08/22 19:50	04/10/22 14:25	1
Potassium	**692**		80.1	13.0	mg/Kg	☼	04/08/22 19:50	04/10/22 14:25	1
Magnesium	**2380**		80.1	8.2	mg/Kg	☼	04/08/22 19:50	04/10/22 14:25	1
Manganese	**288**		3.2	0.32	mg/Kg	☼	04/08/22 19:50	04/10/22 14:25	1
Sodium	**155**		80.1	36.6	mg/Kg	☼	04/08/22 19:50	04/10/22 14:25	1
Nickel	**11.0**		1.6	0.38	mg/Kg	☼	04/08/22 19:50	04/10/22 14:25	1
Lead	**48.4**		0.48	0.16	mg/Kg	☼	04/08/22 19:50	04/10/22 14:25	1
Antimony	0.12	U	0.80	0.12	mg/Kg	☼	04/08/22 19:50	04/10/22 14:25	1
Selenium	**0.20**	**J**	1.0	0.10	mg/Kg	☼	04/08/22 19:50	04/10/22 14:25	1
Thallium	**0.073**	**J**	0.32	0.033	mg/Kg	☼	04/08/22 19:50	04/10/22 14:25	1
Vanadium	**15.5**		1.6	0.17	mg/Kg	☼	04/08/22 19:50	04/10/22 14:25	1
Zinc	**42.5**		6.4	2.4	mg/Kg	☼	04/08/22 19:50	04/10/22 14:25	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.036**		0.018	0.0085	mg/Kg	☼	04/07/22 04:03	04/07/22 10:02	1

Client Sample ID: COMP-4
Lab Sample ID: 460-255715-19

Date Collected: 04/05/22 13:45
Matrix: Solid
Date Received: 04/05/22 18:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate	2.20	U	2.20	2.20	mm/sec			04/10/22 15:18	1
Cyanide, Reactive	25.0	U	25.0	25.0	mg/Kg		04/12/22 14:22	04/12/22 16:52	1
Sulfide, Reactive	20.0	U	20.0	20.0	mg/Kg		04/12/22 14:16	04/12/22 16:50	1
pH	**7.4**	**HF**			SU			04/09/22 11:08	1
Temperature	**20.9**	**HF**			Degrees C			04/09/22 11:08	1
Corrosivity	**7.4**	**HF**			SU			04/09/22 11:08	1
Free Liquid	0.500	U	0.500	0.500	mL/100g			04/08/22 10:43	1

Surrogate Summary

Client: Environmental Compliance & Control Inc
Job ID: 460-255715-1
Project/Site: Bridge Cleaners

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(10-123)	(14-103)	(10-105)	(11-104)	(15-100)	(12-126)
460-255680-E-1-A MS	Matrix Spike	94	84	82	81	83	90
460-255680-E-1-B MSD	Matrix Spike Duplicate	95	82	81	83	83	90
460-255715-16	COMP-1	90	86	82	83	83	92
460-255715-17	COMP-2	86	76	72	74	74	91
460-255715-18	COMP-3	89	84	81	82	83	91
LCS 460-837727/2-A	Lab Control Sample	98	88	83	86	85	93
LCSD 460-837727/3-A	Lab Control Sample Dup	99	86	81	84	84	90
MB 460-837727/1-A	Method Blank	90	84	82	84	83	96

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8015D - Gasoline Range Organics (GRO) (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)
		TFT1
Lab Sample ID	Client Sample ID	(67-150)
460-255715-1	SB-8 (0-5)	114
460-255715-2	SB-8 (8-8.5)	106
460-255715-3	SB-11 (4-4.5)	114
460-255715-4	SB-11 (9.5-10)	124
460-255715-5	SB-14 (4-5)	116
460-255715-6	SB-14 (6-10)	104
460-255715-7	SB-15 (3-5)	119
460-255715-8	SB-15 (12-13)	116
460-255715-9	SB-9 (4-5)	112
460-255715-10	SB-12 (0-5)	120
460-255715-11	SB-12 (7-8)	123
460-255715-12	SB-10(2.5-5)	121
460-255715-13	SB-13 (2-2.5)	124
460-255715-14	SB-13 (7-7.5)	114
460-255715-15	SB-16 (3-5)	103
LCS 460-837797/3	Lab Control Sample	95
LCSD 460-837797/4	Lab Control Sample Dup	101
MB 460-837797/6	Method Blank	104

Surrogate Legend

TFT = a,a,a-Trifluorotoluene

Surrogate Summary

Client: Environmental Compliance & Control Inc
Job ID: 460-255715-1
Project/Site: Bridge Cleaners

Method: 8015D - Diesel Range Organics (DRO) (GC)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTPH (10-150)
460-255621-A-1-A MS	Matrix Spike	92
460-255621-A-1-B MSD	Matrix Spike Duplicate	101
460-255715-1	SB-8 (0-5)	106
460-255715-2	SB-8 (8-8.5)	94
460-255715-3	SB-11 (4-4.5)	92
460-255715-4	SB-11 (9.5-10)	100
460-255715-5	SB-14 (4-5)	99
460-255715-6	SB-14 (6-10)	111
460-255715-7	SB-15 (3-5)	98
460-255715-8	SB-15 (12-13)	100
460-255715-9	SB-9 (4-5)	95
460-255715-10	SB-12 (0-5)	108
460-255715-11	SB-12 (7-8)	102
460-255715-12	SB-10(2.5-5)	104
460-255715-13	SB-13 (2-2.5)	104
460-255715-14	SB-13 (7-7.5)	95
460-255715-15	SB-16 (3-5)	102
460-256383-B-1-A MS	Matrix Spike	111
460-256383-B-1-B MSD	Matrix Spike Duplicate	112
LCS 460-837716/2-A	Lab Control Sample	89
LCS 460-839877/2-A	Lab Control Sample	101
LCSD 460-837716/3-A	Lab Control Sample Dup	96
LCSD 460-839877/3-A	Lab Control Sample Dup	111
MB 460-837716/1-A	Method Blank	102
MB 460-839877/1-A	Method Blank	108

Surrogate Legend

OTPH = o-Terphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (37-150)	DCBP2 (37-150)	TCX1 (54-150)	TCX2 (54-150)
460-255715-16	COMP-1	115	121	111	117
460-255715-16 MS	COMP-1	116	119	111	117
460-255715-16 MSD	COMP-1	113	119	110	115
460-255715-17	COMP-2	108	116	105	110
460-255715-18	COMP-3	117	123	112	118
LCS 460-837713/2-A	Lab Control Sample	102	105	98	103
LCSD 460-837713/3-A	Lab Control Sample Dup	96	100	92	97
MB 460-837713/1-A	Method Blank	103	109	98	104

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

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

Lab Sample ID: MB 460-837727/1-A
Matrix: Solid
Analysis Batch: 837819

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 837727

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	4.4	U	330	4.4	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
1,2,4,5-Tetrachlorobenzene	10	U	330	10	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
2,2'-oxybis[1-chloropropane]	6.0	U	330	6.0	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
2,3,4,6-Tetrachlorophenol	22	U	330	22	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
2,4,5-Trichlorophenol	34	U	330	34	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
2,4,6-Trichlorophenol	42	U	130	42	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
2,4-Dichlorophenol	21	U	130	21	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
2,4-Dimethylphenol	15	U	330	15	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
2,4-Dinitrophenol	160	U	270	160	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
2,4-Dinitrotoluene	36	U	67	36	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
2,6-Dinitrotoluene	24	U	67	24	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
2-Chloronaphthalene	15	U	330	15	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
2-Chlorophenol	12	U	330	12	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
2-Methylnaphthalene	9.3	U	330	9.3	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
2-Methylphenol	12	U	330	12	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
2-Nitroaniline	12	U	330	12	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
2-Nitrophenol	33	U	330	33	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
3,3'-Dichlorobenzidine	50	U	130	50	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
3-Nitroaniline	37	U	330	37	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
4,6-Dinitro-2-methylphenol	140	U	270	140	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
4-Bromophenyl phenyl ether	13	U	330	13	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
4-Chloro-3-methylphenol	19	U	330	19	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
4-Chloroaniline	59	U	330	59	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
4-Chlorophenyl phenyl ether	12	U	330	12	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
4-Methylphenol	21	U	330	21	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
4-Nitroaniline	38	U	330	38	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
4-Nitrophenol	54	U	670	54	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Acenaphthene	9.4	U	330	9.4	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Acenaphthylene	3.3	U	330	3.3	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Acetophenone	16	U	330	16	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Anthracene	10	U	330	10	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Atrazine	19	U	130	19	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Benzaldehyde	55	U	330	55	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Benzo[a]anthracene	12	U	33	12	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Benzo[a]pyrene	8.8	U	33	8.8	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Benzo[b]fluoranthene	8.6	U	33	8.6	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Benzo[g,h,i]perylene	9.8	U	330	9.8	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Benzo[k]fluoranthene	6.5	U	33	6.5	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Bis(2-chloroethoxy)methane	26	U	330	26	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Bis(2-chloroethyl)ether	12	U	33	12	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Bis(2-ethylhexyl) phthalate	17	U	330	17	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Butyl benzyl phthalate	16	U	330	16	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Caprolactam	51	U	330	51	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Carbazole	13	U	330	13	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Chrysene	5.6	U	330	5.6	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Dibenz(a,h)anthracene	14	U	33	14	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Dibenzofuran	4.6	U	330	4.6	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Diethyl phthalate	4.8	U	330	4.8	ug/Kg		04/06/22 19:30	04/07/22 09:57	1

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

Lab Sample ID: MB 460-837727/1-A
Matrix: Solid
Analysis Batch: 837819

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 837727

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	75	U	330	75	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Di-n-butyl phthalate	12	U	330	12	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Di-n-octyl phthalate	18	U	330	18	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Fluoranthene	12	U	330	12	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Fluorene	4.5	U	330	4.5	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Hexachlorobenzene	16	U	33	16	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Hexachlorobutadiene	7.0	U	67	7.0	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Hexachlorocyclopentadiene	29	U	330	29	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Hexachloroethane	11	U	33	11	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Indeno[1,2,3-cd]pyrene	13	U	33	13	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Isophorone	96	U	130	96	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Naphthalene	5.7	U	330	5.7	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Nitrobenzene	7.9	U	33	7.9	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
N-Nitrosodi-n-propylamine	24	U	33	24	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
N-Nitrosodiphenylamine	27	U	330	27	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Pentachlorophenol	68	U	270	68	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Phenanthrene	5.8	U	330	5.8	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Phenol	12	U	330	12	ug/Kg		04/06/22 19:30	04/07/22 09:57	1
Pyrene	8.2	U	330	8.2	ug/Kg		04/06/22 19:30	04/07/22 09:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*10 - 123*	*04/06/22 19:30*	*04/07/22 09:57*	*1*
2-Fluorobiphenyl	*84*		*14 - 103*	*04/06/22 19:30*	*04/07/22 09:57*	*1*
2-Fluorophenol (Surr)	*82*		*10 - 105*	*04/06/22 19:30*	*04/07/22 09:57*	*1*
Nitrobenzene-d5 (Surr)	*84*		*11 - 104*	*04/06/22 19:30*	*04/07/22 09:57*	*1*
Phenol-d5 (Surr)	*83*		*15 - 100*	*04/06/22 19:30*	*04/07/22 09:57*	*1*
Terphenyl-d14 (Surr)	*96*		*12 - 126*	*04/06/22 19:30*	*04/07/22 09:57*	*1*

Lab Sample ID: LCS 460-837727/2-A
Matrix: Solid
Analysis Batch: 837819

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 837727

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3330	3140		ug/Kg		94	65 - 110
1,2,4,5-Tetrachlorobenzene	3330	3100		ug/Kg		93	64 - 110
2,2'-oxybis[1-chloropropane]	3330	2720		ug/Kg		82	49 - 109
2,3,4,6-Tetrachlorophenol	3330	3350		ug/Kg		100	58 - 113
2,4,5-Trichlorophenol	3330	3170		ug/Kg		95	64 - 112
2,4,6-Trichlorophenol	3330	3290		ug/Kg		99	63 - 113
2,4-Dichlorophenol	3330	3230		ug/Kg		97	66 - 113
2,4-Dimethylphenol	3330	3100		ug/Kg		93	63 - 107
2,4-Dinitrophenol	6670	6210		ug/Kg		93	25 - 150
2,4-Dinitrotoluene	3330	3590		ug/Kg		108	65 - 124
2,6-Dinitrotoluene	3330	3390		ug/Kg		102	67 - 121
2-Chloronaphthalene	3330	3130		ug/Kg		94	65 - 109
2-Chlorophenol	3330	3070		ug/Kg		92	63 - 106
2-Methylnaphthalene	3330	2990		ug/Kg		90	64 - 108
2-Methylphenol	3330	3130		ug/Kg		94	63 - 108

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

Lab Sample ID: LCS 460-837727/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 837819
Prep Batch: 837727

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Nitroaniline	3330	3280		ug/Kg		98	59 - 119
2-Nitrophenol	3330	3170		ug/Kg		95	64 - 112
3,3'-Dichlorobenzidine	3330	3250		ug/Kg		97	17 - 101
3-Nitroaniline	3330	3230		ug/Kg		97	31 - 102
4,6-Dinitro-2-methylphenol	6670	6260		ug/Kg		94	44 - 136
4-Bromophenyl phenyl ether	3330	3130		ug/Kg		94	67 - 113
4-Chloro-3-methylphenol	3330	3220		ug/Kg		97	66 - 114
4-Chloroaniline	3330	3050		ug/Kg		92	20 - 98
4-Chlorophenyl phenyl ether	3330	3200		ug/Kg		96	66 - 110
4-Methylphenol	3330	3150		ug/Kg		95	61 - 108
4-Nitroaniline	3330	3230		ug/Kg		97	50 - 110
4-Nitrophenol	6670	6760		ug/Kg		101	47 - 123
Acenaphthene	3330	3250		ug/Kg		97	53 - 110
Acenaphthylene	3330	3010		ug/Kg		90	64 - 108
Acetophenone	3330	3100		ug/Kg		93	61 - 103
Anthracene	3330	3170		ug/Kg		95	67 - 114
Atrazine	1330	1260		ug/Kg		95	44 - 145
Benzaldehyde	1330	1230		ug/Kg		92	43 - 150
Benzo[a]anthracene	3330	3180		ug/Kg		95	67 - 115
Benzo[a]pyrene	3330	3130		ug/Kg		94	73 - 123
Benzo[b]fluoranthene	3330	3610		ug/Kg		108	70 - 125
Benzo[g,h,i]perylene	3330	3230		ug/Kg		97	61 - 113
Benzo[k]fluoranthene	3330	3230		ug/Kg		97	67 - 115
Bis(2-chloroethoxy)methane	3330	3130		ug/Kg		94	62 - 107
Bis(2-chloroethyl)ether	3330	3000		ug/Kg		90	60 - 107
Bis(2-ethylhexyl) phthalate	3330	3210		ug/Kg		96	59 - 111
Butyl benzyl phthalate	3330	3230		ug/Kg		97	62 - 113
Caprolactam	1330	1150		ug/Kg		86	59 - 140
Carbazole	3330	3190		ug/Kg		96	64 - 113
Chrysene	3330	3110		ug/Kg		93	71 - 122
Dibenz(a,h)anthracene	3330	3340		ug/Kg		100	66 - 119
Dibenzofuran	3330	3200		ug/Kg		96	65 - 108
Diethyl phthalate	3330	3290		ug/Kg		99	63 - 109
Dimethyl phthalate	3330	3240		ug/Kg		97	65 - 109
Di-n-butyl phthalate	3330	3240		ug/Kg		97	66 - 114
Di-n-octyl phthalate	3330	3230		ug/Kg		97	65 - 122
Fluoranthene	3330	3220		ug/Kg		96	61 - 106
Fluorene	3330	3260		ug/Kg		98	65 - 109
Hexachlorobenzene	3330	3220		ug/Kg		97	61 - 113
Hexachlorobutadiene	3330	3080		ug/Kg		93	62 - 109
Hexachlorocyclopentadiene	3330	2830		ug/Kg		85	42 - 118
Hexachloroethane	3330	3100		ug/Kg		93	61 - 102
Indeno[1,2,3-cd]pyrene	3330	3290		ug/Kg		99	62 - 121
Isophorone	3330	3210		ug/Kg		96	63 - 107
Naphthalene	3330	3120		ug/Kg		94	63 - 106
Nitrobenzene	3330	3340		ug/Kg		100	63 - 110
N-Nitrosodi-n-propylamine	3330	3170		ug/Kg		95	61 - 108
N-Nitrosodiphenylamine	3330	3160		ug/Kg		95	67 - 113
Pentachlorophenol	6670	6510		ug/Kg		98	44 - 126

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

Lab Sample ID: LCS 460-837727/2-A
Matrix: Solid
Analysis Batch: 837819

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 837727

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Phenanthrene			3330	3130		ug/Kg		94	66 - 112		
Phenol			3330	3060		ug/Kg		92	63 - 110		
Pyrene			3330	3150		ug/Kg		95	61 - 111		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*98*		*10 - 123*
2-Fluorobiphenyl	*88*		*14 - 103*
2-Fluorophenol (Surr)	*83*		*10 - 105*
Nitrobenzene-d5 (Surr)	*86*		*11 - 104*
Phenol-d5 (Surr)	*85*		*15 - 100*
Terphenyl-d14 (Surr)	*93*		*12 - 126*

Lab Sample ID: LCSD 460-837727/3-A
Matrix: Solid
Analysis Batch: 837819

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 837727

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3330	3050		ug/Kg		92	65 - 110	3	30
1,2,4,5-Tetrachlorobenzene			3330	3020		ug/Kg		91	64 - 110	3	30
2,2'-oxybis[1-chloropropane]			3330	2620		ug/Kg		79	49 - 109	4	30
2,3,4,6-Tetrachlorophenol			3330	3300		ug/Kg		99	58 - 113	2	30
2,4,5-Trichlorophenol			3330	3100		ug/Kg		93	64 - 112	2	30
2,4,6-Trichlorophenol			3330	3270		ug/Kg		98	63 - 113	1	30
2,4-Dichlorophenol			3330	3090		ug/Kg		93	66 - 113	4	30
2,4-Dimethylphenol			3330	3040		ug/Kg		91	63 - 107	2	30
2,4-Dinitrophenol			6670	6040		ug/Kg		91	25 - 150	3	30
2,4-Dinitrotoluene			3330	3520		ug/Kg		106	65 - 124	2	30
2,6-Dinitrotoluene			3330	3350		ug/Kg		101	67 - 121	1	30
2-Chloronaphthalene			3330	3090		ug/Kg		93	65 - 109	1	30
2-Chlorophenol			3330	2970		ug/Kg		89	63 - 106	3	30
2-Methylnaphthalene			3330	2880		ug/Kg		86	64 - 108	4	30
2-Methylphenol			3330	3080		ug/Kg		92	63 - 108	1	30
2-Nitroaniline			3330	3240		ug/Kg		97	59 - 119	1	30
2-Nitrophenol			3330	3110		ug/Kg		93	64 - 112	2	30
3,3'-Dichlorobenzidine			3330	3100		ug/Kg		93	17 - 101	5	30
3-Nitroaniline			3330	3220		ug/Kg		96	31 - 102	1	30
4,6-Dinitro-2-methylphenol			6670	6100		ug/Kg		92	44 - 136	3	30
4-Bromophenyl phenyl ether			3330	3070		ug/Kg		92	67 - 113	2	30
4-Chloro-3-methylphenol			3330	3130		ug/Kg		94	66 - 114	3	30
4-Chloroaniline			3330	2940		ug/Kg		88	20 - 98	4	30
4-Chlorophenyl phenyl ether			3330	3150		ug/Kg		95	66 - 110	2	30
4-Methylphenol			3330	3120		ug/Kg		94	61 - 108	1	30
4-Nitroaniline			3330	3300		ug/Kg		99	50 - 110	2	30
4-Nitrophenol			6670	6660		ug/Kg		100	47 - 123	1	30
Acenaphthene			3330	3200		ug/Kg		96	53 - 110	1	30
Acenaphthylene			3330	2930		ug/Kg		88	64 - 108	3	30
Acetophenone			3330	3080		ug/Kg		92	61 - 103	1	30
Anthracene			3330	3080		ug/Kg		92	67 - 114	3	30

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

Lab Sample ID: LCSD 460-837727/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 837819
Prep Batch: 837727

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Atrazine			1330	1250		ug/Kg		93	44 - 145	2	30
Benzaldehyde			1330	1200		ug/Kg		90	43 - 150	3	30
Benzo[a]anthracene			3330	3100		ug/Kg		93	67 - 115	2	30
Benzo[a]pyrene			3330	3030		ug/Kg		91	73 - 123	3	30
Benzo[b]fluoranthene			3330	3360		ug/Kg		101	70 - 125	7	30
Benzo[g,h,i]perylene			3330	3090		ug/Kg		93	61 - 113	4	30
Benzo[k]fluoranthene			3330	3200		ug/Kg		96	67 - 115	1	30
Bis(2-chloroethoxy)methane			3330	3010		ug/Kg		90	62 - 107	4	30
Bis(2-chloroethyl)ether			3330	2950		ug/Kg		89	60 - 107	2	30
Bis(2-ethylhexyl) phthalate			3330	3110		ug/Kg		93	59 - 111	3	30
Butyl benzyl phthalate			3330	3120		ug/Kg		94	62 - 113	3	30
Caprolactam			1330	1130		ug/Kg		85	59 - 140	2	30
Carbazole			3330	3110		ug/Kg		93	64 - 113	2	30
Chrysene			3330	2970		ug/Kg		89	71 - 122	5	30
Dibenz(a,h)anthracene			3330	3250		ug/Kg		97	66 - 119	3	30
Dibenzofuran			3330	3160		ug/Kg		95	65 - 108	1	30
Diethyl phthalate			3330	3200		ug/Kg		96	63 - 109	3	30
Dimethyl phthalate			3330	3220		ug/Kg		97	65 - 109	1	30
Di-n-butyl phthalate			3330	3170		ug/Kg		95	66 - 114	2	30
Di-n-octyl phthalate			3330	3120		ug/Kg		94	65 - 122	3	30
Fluoranthene			3330	3110		ug/Kg		93	61 - 106	3	30
Fluorene			3330	3200		ug/Kg		96	65 - 109	2	30
Hexachlorobenzene			3330	3140		ug/Kg		94	61 - 113	2	30
Hexachlorobutadiene			3330	2910		ug/Kg		87	62 - 109	6	30
Hexachlorocyclopentadiene			3330	2770		ug/Kg		83	42 - 118	2	30
Hexachloroethane			3330	3010		ug/Kg		90	61 - 102	3	30
Indeno[1,2,3-cd]pyrene			3330	3360		ug/Kg		101	62 - 121	2	30
Isophorone			3330	3050		ug/Kg		91	63 - 107	5	30
Naphthalene			3330	2980		ug/Kg		90	63 - 106	4	30
Nitrobenzene			3330	3250		ug/Kg		97	63 - 110	3	30
N-Nitrosodi-n-propylamine			3330	3100		ug/Kg		93	61 - 108	2	30
N-Nitrosodiphenylamine			3330	3060		ug/Kg		92	67 - 113	3	30
Pentachlorophenol			6670	6370		ug/Kg		95	44 - 126	2	30
Phenanthrene			3330	3020		ug/Kg		90	66 - 112	4	30
Phenol			3330	2970		ug/Kg		89	63 - 110	3	30
Pyrene			3330	3010		ug/Kg		90	61 - 111	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*99*		*10 - 123*
2-Fluorobiphenyl	*86*		*14 - 103*
2-Fluorophenol (Surr)	*81*		*10 - 105*
Nitrobenzene-d5 (Surr)	*84*		*11 - 104*
Phenol-d5 (Surr)	*84*		*15 - 100*
Terphenyl-d14 (Surr)	*90*		*12 - 126*

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

Lab Sample ID: 460-255680-E-1-A MS
Matrix: Solid
Analysis Batch: 837819

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 837727

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	5.0	U	3830	3470		ug/Kg	☼	91	65 - 110
1,2,4,5-Tetrachlorobenzene	12	U	3830	3430		ug/Kg	☼	90	64 - 110
2,2'-oxybis[1-chloropropane]	6.9	U	3830	3020		ug/Kg	☼	79	49 - 109
2,3,4,6-Tetrachlorophenol	26	U	3830	3700		ug/Kg	☼	97	58 - 113
2,4,5-Trichlorophenol	39	U	3830	3460		ug/Kg	☼	91	64 - 112
2,4,6-Trichlorophenol	49	U	3830	3610		ug/Kg	☼	94	63 - 113
2,4-Dichlorophenol	24	U	3830	3450		ug/Kg	☼	90	66 - 113
2,4-Dimethylphenol	17	U	3830	3460		ug/Kg	☼	90	63 - 107
2,4-Dinitrophenol	190	U	7650	5770		ug/Kg	☼	75	25 - 150
2,4-Dinitrotoluene	41	U	3830	3960		ug/Kg	☼	103	65 - 124
2,6-Dinitrotoluene	27	U	3830	3770		ug/Kg	☼	99	67 - 121
2-Chloronaphthalene	18	U	3830	3440		ug/Kg	☼	90	65 - 109
2-Chlorophenol	14	U	3830	3380		ug/Kg	☼	88	63 - 106
2-Methylnaphthalene	11	U	3830	3250		ug/Kg	☼	85	64 - 108
2-Methylphenol	14	U	3830	3470		ug/Kg	☼	91	63 - 108
2-Nitroaniline	14	U	3830	3640		ug/Kg	☼	95	59 - 119
2-Nitrophenol	38	U	3830	3400		ug/Kg	☼	89	64 - 112
3,3'-Dichlorobenzidine	57	U	3830	3290		ug/Kg	☼	86	17 - 101
3-Nitroaniline	43	U	3830	3000		ug/Kg	☼	79	31 - 102
4,6-Dinitro-2-methylphenol	160	U	7650	5960		ug/Kg	☼	78	44 - 136
4-Bromophenyl phenyl ether	15	U	3830	3460		ug/Kg	☼	90	67 - 113
4-Chloro-3-methylphenol	21	U	3830	3510		ug/Kg	☼	92	66 - 114
4-Chloroaniline	67	U	3830	2610		ug/Kg	☼	68	20 - 98
4-Chlorophenyl phenyl ether	13	U	3830	3570		ug/Kg	☼	93	66 - 110
4-Methylphenol	24	U	3830	3560		ug/Kg	☼	93	61 - 108
4-Nitroaniline	44	U	3830	3400		ug/Kg	☼	89	50 - 110
4-Nitrophenol	62	U	7650	7760		ug/Kg	☼	101	47 - 123
Acenaphthene	11	U	3830	3610		ug/Kg	☼	94	53 - 110
Acenaphthylene	3.8	U	3830	3310		ug/Kg	☼	87	64 - 108
Acetophenone	19	U	3830	3420		ug/Kg	☼	89	61 - 103
Anthracene	12	U	3830	3480		ug/Kg	☼	91	67 - 114
Atrazine	22	U	1530	1440		ug/Kg	☼	94	44 - 145
Benzaldehyde	63	U	1530	1410	E	ug/Kg	☼	92	43 - 150
Benzo[a]anthracene	13	U	3830	3520		ug/Kg	☼	92	67 - 115
Benzo[a]pyrene	10	U	3830	3420		ug/Kg	☼	89	73 - 123
Benzo[b]fluoranthene	9.8	U	3830	3800		ug/Kg	☼	99	70 - 125
Benzo[g,h,i]perylene	11	U	3830	3580		ug/Kg	☼	93	61 - 113
Benzo[k]fluoranthene	7.5	U	3830	3550		ug/Kg	☼	93	67 - 115
Bis(2-chloroethoxy)methane	30	U	3830	3370		ug/Kg	☼	88	62 - 107
Bis(2-chloroethyl)ether	13	U	3830	3280		ug/Kg	☼	86	60 - 107
Bis(2-ethylhexyl) phthalate	20	U	3830	3590		ug/Kg	☼	94	59 - 111
Butyl benzyl phthalate	18	U	3830	3590		ug/Kg	☼	94	62 - 113
Caprolactam	59	U F1	1530	883	F1	ug/Kg	☼	58	59 - 140
Carbazole	14	U	3830	3490		ug/Kg	☼	91	64 - 113
Chrysene	6.4	U	3830	3300		ug/Kg	☼	86	71 - 122
Dibenz(a,h)anthracene	16	U	3830	3740		ug/Kg	☼	98	66 - 119
Dibenzofuran	5.3	U	3830	3560		ug/Kg	☼	93	65 - 108
Diethyl phthalate	5.5	U	3830	3630		ug/Kg	☼	95	63 - 109

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

Lab Sample ID: 460-255680-E-1-A MS
Matrix: Solid
Analysis Batch: 837819

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 837727

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dimethyl phthalate	86	U	3830	3560		ug/Kg	☼	93	65 - 109
Di-n-butyl phthalate	14	U	3830	3580		ug/Kg	☼	93	66 - 114
Di-n-octyl phthalate	20	U	3830	3500		ug/Kg	☼	92	65 - 122
Fluoranthene	13	U	3830	3490		ug/Kg	☼	91	61 - 106
Fluorene	5.2	U	3830	3630		ug/Kg	☼	95	65 - 109
Hexachlorobenzene	18	U	3830	3530		ug/Kg	☼	92	61 - 113
Hexachlorobutadiene	8.1	U	3830	3290		ug/Kg	☼	86	62 - 109
Hexachlorocyclopentadiene	33	U	3830	2550		ug/Kg	☼	67	42 - 118
Hexachloroethane	13	U	3830	3360		ug/Kg	☼	88	61 - 102
Indeno[1,2,3-cd]pyrene	15	U	3830	3650		ug/Kg	☼	95	62 - 121
Isophorone	110	U	3830	3430		ug/Kg	☼	90	63 - 107
Naphthalene	6.6	U	3830	3340		ug/Kg	☼	87	63 - 106
Nitrobenzene	9.1	U	3830	3650		ug/Kg	☼	95	63 - 110
N-Nitrosodi-n-propylamine	28	U	3830	3520		ug/Kg	☼	92	61 - 108
N-Nitrosodiphenylamine	31	U	3830	3450		ug/Kg	☼	90	67 - 113
Pentachlorophenol	78	U	7650	7250		ug/Kg	☼	95	44 - 126
Phenanthrene	6.7	U	3830	3420		ug/Kg	☼	89	66 - 112
Phenol	14	U	3830	3420		ug/Kg	☼	89	63 - 110
Pyrene	9.5	U	3830	3440		ug/Kg	☼	90	61 - 111

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*94*		*10 - 123*
2-Fluorobiphenyl	*84*		*14 - 103*
2-Fluorophenol (Surr)	*82*		*10 - 105*
Nitrobenzene-d5 (Surr)	*81*		*11 - 104*
Phenol-d5 (Surr)	*83*		*15 - 100*
Terphenyl-d14 (Surr)	*90*		*12 - 126*

Lab Sample ID: 460-255680-E-1-B MSD
Matrix: Solid
Analysis Batch: 837819

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 837727

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	5.0	U	3830	3440		ug/Kg	☼	90	65 - 110	1	30
1,2,4,5-Tetrachlorobenzene	12	U	3830	3410		ug/Kg	☼	89	64 - 110	1	30
2,2'-oxybis[1-chloropropane]	6.9	U	3830	3030		ug/Kg	☼	79	49 - 109	0	30
2,3,4,6-Tetrachlorophenol	26	U	3830	3640		ug/Kg	☼	95	58 - 113	2	30
2,4,5-Trichlorophenol	39	U	3830	3600		ug/Kg	☼	94	64 - 112	4	30
2,4,6-Trichlorophenol	49	U	3830	3620		ug/Kg	☼	94	63 - 113	0	30
2,4-Dichlorophenol	24	U	3830	3610		ug/Kg	☼	94	66 - 113	5	30
2,4-Dimethylphenol	17	U	3830	3450		ug/Kg	☼	90	63 - 107	0	30
2,4-Dinitrophenol	190	U	7670	5930		ug/Kg	☼	77	25 - 150	3	30
2,4-Dinitrotoluene	41	U	3830	3940		ug/Kg	☼	103	65 - 124	0	30
2,6-Dinitrotoluene	27	U	3830	3840		ug/Kg	☼	100	67 - 121	2	30
2-Chloronaphthalene	18	U	3830	3400		ug/Kg	☼	89	65 - 109	1	30
2-Chlorophenol	14	U	3830	3390		ug/Kg	☼	88	63 - 106	0	30
2-Methylnaphthalene	11	U	3830	3290		ug/Kg	☼	86	64 - 108	1	30
2-Methylphenol	14	U	3830	3470		ug/Kg	☼	91	63 - 108	0	30

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

Lab Sample ID: 460-255680-E-1-B MSD
Client Sample ID: Matrix Spike Duplicate
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 837819
Prep Batch: 837727

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Nitroaniline	14	U	3830	3640		ug/Kg	☼	95	59 - 119	0	30
2-Nitrophenol	38	U	3830	3440		ug/Kg	☼	90	64 - 112	1	30
3,3'-Dichlorobenzidine	57	U	3830	3340		ug/Kg	☼	87	17 - 101	1	30
3-Nitroaniline	43	U	3830	3090		ug/Kg	☼	81	31 - 102	3	30
4,6-Dinitro-2-methylphenol	160	U	7670	6270		ug/Kg	☼	82	44 - 136	5	30
4-Bromophenyl phenyl ether	15	U	3830	3490		ug/Kg	☼	91	67 - 113	1	30
4-Chloro-3-methylphenol	21	U	3830	3570		ug/Kg	☼	93	66 - 114	2	30
4-Chloroaniline	67	U	3830	2790		ug/Kg	☼	73	20 - 98	7	30
4-Chlorophenyl phenyl ether	13	U	3830	3600		ug/Kg	☼	94	66 - 110	1	30
4-Methylphenol	24	U	3830	3570		ug/Kg	☼	93	61 - 108	0	30
4-Nitroaniline	44	U	3830	3370		ug/Kg	☼	88	50 - 110	1	30
4-Nitrophenol	62	U	7670	7710		ug/Kg	☼	100	47 - 123	1	30
Acenaphthene	11	U	3830	3600		ug/Kg	☼	94	53 - 110	0	30
Acenaphthylene	3.8	U	3830	3310		ug/Kg	☼	86	64 - 108	0	30
Acetophenone	19	U	3830	3420		ug/Kg	☼	89	61 - 103	0	30
Anthracene	12	U	3830	3510		ug/Kg	☼	91	67 - 114	1	30
Atrazine	22	U	1530	1460		ug/Kg	☼	95	44 - 145	1	30
Benzaldehyde	63	U	1530	1350	E	ug/Kg	☼	88	43 - 150	4	30
Benzo[a]anthracene	13	U	3830	3490		ug/Kg	☼	91	67 - 115	1	30
Benzo[a]pyrene	10	U	3830	3470		ug/Kg	☼	90	73 - 123	1	30
Benzo[b]fluoranthene	9.8	U	3830	3930		ug/Kg	☼	102	70 - 125	3	30
Benzo[g,h,i]perylene	11	U	3830	3600		ug/Kg	☼	94	61 - 113	1	30
Benzo[k]fluoranthene	7.5	U	3830	3460		ug/Kg	☼	90	67 - 115	3	30
Bis(2-chloroethoxy)methane	30	U	3830	3390		ug/Kg	☼	89	62 - 107	1	30
Bis(2-chloroethyl)ether	13	U	3830	3340		ug/Kg	☼	87	60 - 107	2	30
Bis(2-ethylhexyl) phthalate	20	U	3830	3540		ug/Kg	☼	92	59 - 111	1	30
Butyl benzyl phthalate	18	U	3830	3630		ug/Kg	☼	95	62 - 113	1	30
Caprolactam	59	U F1	1530	905		ug/Kg	☼	59	59 - 140	3	30
Carbazole	14	U	3830	3520		ug/Kg	☼	92	64 - 113	1	30
Chrysene	6.4	U	3830	3290		ug/Kg	☼	86	71 - 122	0	30
Dibenz(a,h)anthracene	16	U	3830	3760		ug/Kg	☼	98	66 - 119	1	30
Dibenzofuran	5.3	U	3830	3540		ug/Kg	☼	92	65 - 108	0	30
Diethyl phthalate	5.5	U	3830	3640		ug/Kg	☼	95	63 - 109	0	30
Dimethyl phthalate	86	U	3830	3630		ug/Kg	☼	95	65 - 109	2	30
Di-n-butyl phthalate	14	U	3830	3620		ug/Kg	☼	94	66 - 114	1	30
Di-n-octyl phthalate	20	U	3830	3530		ug/Kg	☼	92	65 - 122	1	30
Fluoranthene	13	U	3830	3540		ug/Kg	☼	92	61 - 106	1	30
Fluorene	5.2	U	3830	3600		ug/Kg	☼	94	65 - 109	1	30
Hexachlorobenzene	18	U	3830	3530		ug/Kg	☼	92	61 - 113	0	30
Hexachlorobutadiene	8.1	U	3830	3350		ug/Kg	☼	87	62 - 109	2	30
Hexachlorocyclopentadiene	33	U	3830	2590		ug/Kg	☼	68	42 - 118	2	30
Hexachloroethane	13	U	3830	3320		ug/Kg	☼	87	61 - 102	1	30
Indeno[1,2,3-cd]pyrene	15	U	3830	3690		ug/Kg	☼	96	62 - 121	1	30
Isophorone	110	U	3830	3490		ug/Kg	☼	91	63 - 107	2	30
Naphthalene	6.6	U	3830	3400		ug/Kg	☼	89	63 - 106	2	30
Nitrobenzene	9.1	U	3830	3580		ug/Kg	☼	93	63 - 110	2	30
N-Nitrosodi-n-propylamine	28	U	3830	3530		ug/Kg	☼	92	61 - 108	0	30
N-Nitrosodiphenylamine	31	U	3830	3480		ug/Kg	☼	91	67 - 113	1	30
Pentachlorophenol	78	U	7670	7290		ug/Kg	☼	95	44 - 126	1	30

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

Lab Sample ID: 460-255680-E-1-B MSD
Matrix: Solid
Analysis Batch: 837819

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 837727

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene	6.7	U	3830	3500		ug/Kg	☼	91	66 - 112	2	30
Phenol	14	U	3830	3430		ug/Kg	☼	90	63 - 110	0	30
Pyrene	9.5	U	3830	3440		ug/Kg	☼	90	61 - 111	0	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*95*		*10 - 123*
2-Fluorobiphenyl	*82*		*14 - 103*
2-Fluorophenol (Surr)	*81*		*10 - 105*
Nitrobenzene-d5 (Surr)	*83*		*11 - 104*
Phenol-d5 (Surr)	*83*		*15 - 100*
Terphenyl-d14 (Surr)	*90*		*12 - 126*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 460-837797/6
Matrix: Solid
Analysis Batch: 837797

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	2500	U	2500	2500	ug/Kg			04/07/22 10:52	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*104*		*67 - 150*		*04/07/22 10:52*	*50*

Lab Sample ID: LCS 460-837797/3
Matrix: Solid
Analysis Batch: 837797

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
GRO			20000	19300		ug/Kg		96	77 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*95*		*67 - 150*

Lab Sample ID: LCSD 460-837797/4
Matrix: Solid
Analysis Batch: 837797

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
GRO			20000	19500		ug/Kg		97	77 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*101*		*67 - 150*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 460-837716/1-A
Matrix: Solid
Analysis Batch: 837799

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 837716

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	0.55	U	8.7	0.55	mg/Kg		04/06/22 18:25	04/07/22 19:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*102*		*10 - 150*	*04/06/22 18:25*	*04/07/22 19:50*	*1*

Lab Sample ID: LCS 460-837716/2-A
Matrix: Solid
Analysis Batch: 837799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 837716

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C44			86.7	59.2		mg/Kg		68	43 - 100		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*89*		*10 - 150*

Lab Sample ID: LCSD 460-837716/3-A
Matrix: Solid
Analysis Batch: 837799

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 837716

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C44			86.7	62.0		mg/Kg		72	43 - 100	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*96*		*10 - 150*

Lab Sample ID: 460-255621-A-1-A MS
Matrix: Solid
Analysis Batch: 837799

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 837716

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C44	23		104	94.3		mg/Kg	☼	69	43 - 100		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*92*		*10 - 150*

Lab Sample ID: 460-255621-A-1-B MSD
Matrix: Solid
Analysis Batch: 837799

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 837716

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C44	23		104	98.0		mg/Kg	☼	72	43 - 100	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*101*		*10 - 150*

Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 460-839877/1-A
Matrix: Solid
Analysis Batch: 839919

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 839877

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	0.55	U	8.7	0.55	mg/Kg		04/18/22 22:17	04/19/22 07:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*108*		*10 - 150*	*04/18/22 22:17*	*04/19/22 07:36*	*1*

Lab Sample ID: LCS 460-839877/2-A
Matrix: Solid
Analysis Batch: 839919

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 839877

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C44			86.7	63.5		mg/Kg		73	43 - 100		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*101*		*10 - 150*

Lab Sample ID: LCSD 460-839877/3-A
Matrix: Solid
Analysis Batch: 839919

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 839877

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C44			86.7	69.1		mg/Kg		80	43 - 100	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*111*		*10 - 150*

Lab Sample ID: 460-256383-B-1-A MS
Matrix: Solid
Analysis Batch: 839919

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 839877

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C44	220		89.2	289		mg/Kg	☼	72	43 - 100		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*111*		*10 - 150*

Lab Sample ID: 460-256383-B-1-B MSD
Matrix: Solid
Analysis Batch: 839919

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 839877

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C44	220		89.3	266		mg/Kg	☼	46	43 - 100	8	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*112*		*10 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-837713/1-A
Matrix: Solid
Analysis Batch: 837782

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 837713

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	18	U	67	18	ug/Kg		04/06/22 18:19	04/07/22 10:53	1
Aroclor 1016	18	U	67	18	ug/Kg		04/06/22 18:19	04/07/22 10:53	1
Aroclor 1221	18	U	67	18	ug/Kg		04/06/22 18:19	04/07/22 10:53	1
Aroclor 1221	18	U	67	18	ug/Kg		04/06/22 18:19	04/07/22 10:53	1
Aroclor 1232	18	U	67	18	ug/Kg		04/06/22 18:19	04/07/22 10:53	1
Aroclor 1232	18	U	67	18	ug/Kg		04/06/22 18:19	04/07/22 10:53	1
Aroclor 1242	18	U	67	18	ug/Kg		04/06/22 18:19	04/07/22 10:53	1
Aroclor 1242	18	U	67	18	ug/Kg		04/06/22 18:19	04/07/22 10:53	1
Aroclor 1248	18	U	67	18	ug/Kg		04/06/22 18:19	04/07/22 10:53	1
Aroclor 1248	18	U	67	18	ug/Kg		04/06/22 18:19	04/07/22 10:53	1
Aroclor 1254	18	U	67	18	ug/Kg		04/06/22 18:19	04/07/22 10:53	1
Aroclor 1254	18	U	67	18	ug/Kg		04/06/22 18:19	04/07/22 10:53	1
Aroclor 1260	18	U	67	18	ug/Kg		04/06/22 18:19	04/07/22 10:53	1
Aroclor 1260	18	U	67	18	ug/Kg		04/06/22 18:19	04/07/22 10:53	1
Aroclor-1262	18	U	67	18	ug/Kg		04/06/22 18:19	04/07/22 10:53	1
Aroclor-1262	18	U	67	18	ug/Kg		04/06/22 18:19	04/07/22 10:53	1
Aroclor 1268	18	U	67	18	ug/Kg		04/06/22 18:19	04/07/22 10:53	1
Aroclor 1268	18	U	67	18	ug/Kg		04/06/22 18:19	04/07/22 10:53	1
Polychlorinated biphenyls, Total	18	U	67	18	ug/Kg		04/06/22 18:19	04/07/22 10:53	1
Polychlorinated biphenyls, Total	18	U	67	18	ug/Kg		04/06/22 18:19	04/07/22 10:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*109*		*37 - 150*	*04/06/22 18:19*	*04/07/22 10:53*	*1*
DCB Decachlorobiphenyl	*103*		*37 - 150*	*04/06/22 18:19*	*04/07/22 10:53*	*1*
Tetrachloro-m-xylene	*104*		*54 - 150*	*04/06/22 18:19*	*04/07/22 10:53*	*1*
Tetrachloro-m-xylene	*98*		*54 - 150*	*04/06/22 18:19*	*04/07/22 10:53*	*1*

Lab Sample ID: LCS 460-837713/2-A
Matrix: Solid
Analysis Batch: 837782

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 837713

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016			333	395		ug/Kg		119	65 - 133		
Aroclor 1016			333	368		ug/Kg		110	65 - 133		
Aroclor 1260			333	421		ug/Kg		126	71 - 150		
Aroclor 1260			333	382		ug/Kg		115	71 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*105*		*37 - 150*
DCB Decachlorobiphenyl	*102*		*37 - 150*
Tetrachloro-m-xylene	*103*		*54 - 150*
Tetrachloro-m-xylene	*98*		*54 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 460-837713/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 837782
Prep Batch: 837713

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			333	380		ug/Kg		114	65 - 133	4	30
Aroclor 1016			333	357		ug/Kg		107	65 - 133	3	30
Aroclor 1260			333	413		ug/Kg		124	71 - 150	2	30
Aroclor 1260			333	374		ug/Kg		112	71 - 150	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*100*		*37 - 150*
DCB Decachlorobiphenyl	*96*		*37 - 150*
Tetrachloro-m-xylene	*97*		*54 - 150*
Tetrachloro-m-xylene	*92*		*54 - 150*

Lab Sample ID: 460-255715-16 MS
Client Sample ID: COMP-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 837782
Prep Batch: 837713

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016	19	U	354	443		ug/Kg	☼	125	65 - 133		
Aroclor 1016	19	U	354	418		ug/Kg	☼	118	65 - 133		
Aroclor 1260	19	U	354	481		ug/Kg	☼	136	71 - 150		
Aroclor 1260	19	U	354	438		ug/Kg	☼	124	71 - 150		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*119*		*37 - 150*
DCB Decachlorobiphenyl	*116*		*37 - 150*
Tetrachloro-m-xylene	*117*		*54 - 150*
Tetrachloro-m-xylene	*111*		*54 - 150*

Lab Sample ID: 460-255715-16 MSD
Client Sample ID: COMP-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 837782
Prep Batch: 837713

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	19	U	354	429		ug/Kg	☼	121	65 - 133	3	30
Aroclor 1016	19	U	354	403		ug/Kg	☼	114	65 - 133	4	30
Aroclor 1260	19	U	354	455		ug/Kg	☼	129	71 - 150	6	30
Aroclor 1260	19	U	354	415		ug/Kg	☼	117	71 - 150	5	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*119*		*37 - 150*
DCB Decachlorobiphenyl	*113*		*37 - 150*
Tetrachloro-m-xylene	*115*		*54 - 150*
Tetrachloro-m-xylene	*110*		*54 - 150*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-838203/1-A
Matrix: Solid
Analysis Batch: 838367

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 838203

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.089	U	1.0	0.089	mg/Kg		04/08/22 19:50	04/10/22 10:12	1
Aluminum	5.5	U	20.0	5.5	mg/Kg		04/08/22 19:50	04/10/22 10:12	1
Arsenic	0.10	U	1.0	0.10	mg/Kg		04/08/22 19:50	04/10/22 10:12	1
Barium	0.15	U	2.0	0.15	mg/Kg		04/08/22 19:50	04/10/22 10:12	1
Beryllium	0.057	U	0.40	0.057	mg/Kg		04/08/22 19:50	04/10/22 10:12	1
Calcium	17.7	U	100	17.7	mg/Kg		04/08/22 19:50	04/10/22 10:12	1
Cadmium	0.11	U	1.0	0.11	mg/Kg		04/08/22 19:50	04/10/22 10:12	1
Cobalt	0.15	U	2.0	0.15	mg/Kg		04/08/22 19:50	04/10/22 10:12	1
Chromium	0.91	U	2.0	0.91	mg/Kg		04/08/22 19:50	04/10/22 10:12	1
Copper	0.37	U	2.0	0.37	mg/Kg		04/08/22 19:50	04/10/22 10:12	1
Iron	20.2	U	60.0	20.2	mg/Kg		04/08/22 19:50	04/10/22 10:12	1
Potassium	16.2	U	100	16.2	mg/Kg		04/08/22 19:50	04/10/22 10:12	1
Magnesium	10.2	U	100	10.2	mg/Kg		04/08/22 19:50	04/10/22 10:12	1
Manganese	0.40	U	4.0	0.40	mg/Kg		04/08/22 19:50	04/10/22 10:12	1
Sodium	45.7	U	100	45.7	mg/Kg		04/08/22 19:50	04/10/22 10:12	1
Nickel	0.47	U	2.0	0.47	mg/Kg		04/08/22 19:50	04/10/22 10:12	1
Lead	0.20	U	0.60	0.20	mg/Kg		04/08/22 19:50	04/10/22 10:12	1
Antimony	0.15	U	1.0	0.15	mg/Kg		04/08/22 19:50	04/10/22 10:12	1
Selenium	0.13	U	1.3	0.13	mg/Kg		04/08/22 19:50	04/10/22 10:12	1
Thallium	0.041	U	0.40	0.041	mg/Kg		04/08/22 19:50	04/10/22 10:12	1
Vanadium	0.21	U	2.0	0.21	mg/Kg		04/08/22 19:50	04/10/22 10:12	1
Zinc	3.1	U	8.0	3.1	mg/Kg		04/08/22 19:50	04/10/22 10:12	1

Lab Sample ID: LCSSRM 460-838203/2-A ^5
Matrix: Solid
Analysis Batch: 838367

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 838203

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Silver	44.1	43.06		mg/Kg		97.6	80.5 - 119.7
Aluminum	8630	7966		mg/Kg		92.3	51.2 - 148.3
Arsenic	84.5	84.22		mg/Kg		99.7	82.8 - 117.2
Barium	249	237.6		mg/Kg		95.4	82.7 - 117.3
Beryllium	163	166.8		mg/Kg		102.3	82.8 - 117.2
Calcium	4760	4728		mg/Kg		99.3	81.7 - 118.5
Cadmium	99.0	100.7		mg/Kg		101.7	83.0 - 117.2
Cobalt	61.7	62.16		mg/Kg		100.7	84.1 - 116.0
Chromium	122	121.5		mg/Kg		99.6	82.8 - 118.0
Copper	61.5	60.20		mg/Kg		97.9	84.4 - 115.4
Iron	14500	13780		mg/Kg		95.0	61.1 - 138.6
Potassium	2090	1922		mg/Kg		92.0	70.8 - 129.2

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

Lab Sample ID: LCSSRM 460-838203/2-A ^5
Matrix: Solid
Analysis Batch: 838367

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 838203

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	2360	2321		mg/Kg		98.4	76.7 - 123.7
Manganese	456	468.3		mg/Kg		102.7	82.2 - 118.0
Sodium	136	210	U	mg/Kg		91.9	71.6 - 127.9
Nickel	135	138.1		mg/Kg		102.3	83.0 - 117.0
Lead	123	121.8		mg/Kg		99.0	83.7 - 117.1
Antimony	129	84.56		mg/Kg		65.6	0.6 - 199.2
Selenium	121	123.3		mg/Kg		101.9	80.1 - 120.7
Thallium	144	145.9		mg/Kg		101.3	81.3 - 118.8
Vanadium	186	179.0		mg/Kg		96.3	79.6 - 120.4
Zinc	295	294.0		mg/Kg		99.7	81.4 - 119.0

Lab Sample ID: 460-254625-B-1-C MS
Matrix: Solid
Analysis Batch: 838367

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 838203

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.077	U	3.97	3.85		mg/Kg	☼	97	75 - 125
Aluminum	2610		397	3346	4	mg/Kg	☼	186	75 - 125
Arsenic	1.1		7.94	8.32		mg/Kg	☼	91	75 - 125
Barium	23.4	F1	7.94	27.06	F1	mg/Kg	☼	46	75 - 125
Beryllium	0.17	J	3.97	3.89		mg/Kg	☼	94	75 - 125
Calcium	643		397	980.6		mg/Kg	☼	85	75 - 125
Cadmium	0.45	J	3.97	4.12		mg/Kg	☼	92	75 - 125
Cobalt	2.0		3.97	6.08		mg/Kg	☼	102	75 - 125
Chromium	8.8		7.94	16.39		mg/Kg	☼	96	75 - 125
Copper	7.8		7.94	14.09		mg/Kg	☼	79	75 - 125
Iron	11200		397	10050	4	mg/Kg	☼	-282	75 - 125
Potassium	316		397	704.8		mg/Kg	☼	98	75 - 125
Magnesium	900		397	1371		mg/Kg	☼	118	75 - 125
Manganese	83.3		39.7	115.2		mg/Kg	☼	80	75 - 125
Sodium	73.7	J	397	488.2		mg/Kg	☼	104	75 - 125
Nickel	5.5		7.94	13.56		mg/Kg	☼	101	75 - 125
Lead	3.1		3.97	6.06		mg/Kg	☼	75	75 - 125
Antimony	0.13	U F1	3.97	2.37	F1	mg/Kg	☼	60	75 - 125
Selenium	0.11	U	7.94	7.71		mg/Kg	☼	97	75 - 125
Thallium	0.035	U	3.18	3.06		mg/Kg	☼	96	75 - 125
Vanadium	12.9		7.94	19.53		mg/Kg	☼	84	75 - 125
Zinc	257		39.7	277.3	4	mg/Kg	☼	52	75 - 125

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

Lab Sample ID: 460-254625-B-1-B DU
Matrix: Solid
Analysis Batch: 838367

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 838203

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Silver	0.077	U	0.072	U	mg/Kg	☼	NC	20
Aluminum	2610		2550		mg/Kg	☼	2	20
Arsenic	1.1		1.07		mg/Kg	☼	1	20
Barium	23.4	F1	21.28		mg/Kg	☼	10	20
Beryllium	0.17	J	0.157	J	mg/Kg	☼	8	20
Calcium	643		557.8		mg/Kg	☼	14	20
Cadmium	0.45	J	0.463	J	mg/Kg	☼	3	20
Cobalt	2.0		2.06		mg/Kg	☼	0.5	20
Chromium	8.8		8.25		mg/Kg	☼	6	20
Copper	7.8		7.36		mg/Kg	☼	6	20
Iron	11200		9987		mg/Kg	☼	11	20
Potassium	316		310.7		mg/Kg	☼	2	20
Magnesium	900		914.9		mg/Kg	☼	2	20
Manganese	83.3		75.93		mg/Kg	☼	9	20
Sodium	73.7	J	71.29	J	mg/Kg	☼	3	20
Nickel	5.5		5.64		mg/Kg	☼	2	20
Lead	3.1		3.05		mg/Kg	☼	1	20
Antimony	0.13	U F1	0.12	U	mg/Kg	☼	NC	20
Selenium	0.11	U	0.10	U	mg/Kg	☼	NC	20
Thallium	0.035	U	0.033	U	mg/Kg	☼	NC	20
Vanadium	12.9		11.58		mg/Kg	☼	11	20
Zinc	257		236.9		mg/Kg	☼	8	20

Lab Sample ID: MB 460-838313/1-A
Matrix: Solid
Analysis Batch: 838367

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 838313

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.29	U	2.0	0.29	ug/L		04/09/22 17:55	04/10/22 17:30	1
Arsenic	0.89	U	2.0	0.89	ug/L		04/09/22 17:55	04/10/22 17:30	1
Barium	0.91	U	4.0	0.91	ug/L		04/09/22 17:55	04/10/22 17:30	1
Cadmium	0.39	U	2.0	0.39	ug/L		04/09/22 17:55	04/10/22 17:30	1
Chromium	2.5	U	4.0	2.5	ug/L		04/09/22 17:55	04/10/22 17:30	1
Lead	0.84	U	1.2	0.84	ug/L		04/09/22 17:55	04/10/22 17:30	1
Selenium	0.59	U	2.5	0.59	ug/L		04/09/22 17:55	04/10/22 17:30	1

Lab Sample ID: LCS 460-838313/2-A ^10
Matrix: Solid
Analysis Batch: 838367

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 838313

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	500	535.3		ug/L		107	80 - 120
Arsenic	5000	5498		ug/L		110	80 - 120
Barium	10000	10240		ug/L		102	80 - 120
Cadmium	1000	1074		ug/L		107	80 - 120
Chromium	5000	5528		ug/L		111	80 - 120
Lead	5000	5298		ug/L		106	80 - 120
Selenium	1000	1068		ug/L		107	80 - 120

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

Lab Sample ID: MB 460-838423/1-A
Matrix: Solid
Analysis Batch: 838499

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 838423

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.29	U	2.0	0.29	ug/L		04/10/22 17:25	04/11/22 14:12	1
Arsenic	0.89	U	2.0	0.89	ug/L		04/10/22 17:25	04/11/22 14:12	1
Barium	0.91	U	4.0	0.91	ug/L		04/10/22 17:25	04/11/22 14:12	1
Cadmium	0.39	U	2.0	0.39	ug/L		04/10/22 17:25	04/11/22 14:12	1
Chromium	2.5	U	4.0	2.5	ug/L		04/10/22 17:25	04/11/22 14:12	1
Lead	0.84	U	1.2	0.84	ug/L		04/10/22 17:25	04/11/22 14:12	1
Selenium	0.59	U	2.5	0.59	ug/L		04/10/22 17:25	04/11/22 14:12	1

Lab Sample ID: LCS 460-838423/2-A ^10
Matrix: Solid
Analysis Batch: 838499

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 838423

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	500	541.2		ug/L		108	80 - 120
Arsenic	5000	5433		ug/L		109	80 - 120
Barium	10000	10540		ug/L		105	80 - 120
Cadmium	1000	1135		ug/L		113	80 - 120
Chromium	5000	5418		ug/L		108	80 - 120
Lead	5000	5329		ug/L		107	80 - 120
Selenium	1000	1091		ug/L		109	80 - 120

Lab Sample ID: LB 460-838170/1-B ^10
Matrix: Solid
Analysis Batch: 838367

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 838313

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	2.9	U	20.0	2.9	ug/L		04/09/22 17:55	04/10/22 17:32	10
Arsenic	8.9	U	20.0	8.9	ug/L		04/09/22 17:55	04/10/22 17:32	10
Barium	9.1	U	40.0	9.1	ug/L		04/09/22 17:55	04/10/22 17:32	10
Cadmium	3.9	U	20.0	3.9	ug/L		04/09/22 17:55	04/10/22 17:32	10
Chromium	25.0	U	40.0	25.0	ug/L		04/09/22 17:55	04/10/22 17:32	10
Lead	8.4	U	12.0	8.4	ug/L		04/09/22 17:55	04/10/22 17:32	10
Selenium	5.9	U	25.0	5.9	ug/L		04/09/22 17:55	04/10/22 17:32	10

Lab Sample ID: 460-255713-A-7-G MS ^10
Matrix: Solid
Analysis Batch: 838367

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 838313

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	2.9	U	500	525.7		ug/L		105	75 - 125
Arsenic	8.9	U	5000	5350		ug/L		107	75 - 125
Barium	721		10000	10790		ug/L		101	75 - 125
Cadmium	3.9	U	1000	1089		ug/L		109	75 - 125
Chromium	25.0	U	5000	5413		ug/L		108	75 - 125
Lead	89.2		5000	5427		ug/L		107	75 - 125
Selenium	5.9	U	1000	1083		ug/L		108	75 - 125

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

Lab Sample ID: 460-255713-A-7-F DU ^10
Matrix: Solid
Analysis Batch: 838367

Client Sample ID: Duplicate
Prep Type: TCLP
Prep Batch: 838313

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Silver	2.9	U		2.9	U	ug/L				NC	20
Arsenic	8.9	U		8.9	U	ug/L				NC	20
Barium	721			677.9		ug/L				6	20
Cadmium	3.9	U		3.9	U	ug/L				NC	20
Chromium	25.0	U		25.0	U	ug/L				NC	20
Lead	89.2			85.47		ug/L				4	20
Selenium	5.9	U		5.9	U	ug/L				NC	20

Lab Sample ID: LB 460-838311/1-B ^10
Matrix: Solid
Analysis Batch: 838499

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 838423

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	2.9	U	20.0	2.9	ug/L		04/10/22 17:25	04/11/22 14:15	10
Arsenic	8.9	U	20.0	8.9	ug/L		04/10/22 17:25	04/11/22 14:15	10
Barium	9.1	U	40.0	9.1	ug/L		04/10/22 17:25	04/11/22 14:15	10
Cadmium	3.9	U	20.0	3.9	ug/L		04/10/22 17:25	04/11/22 14:15	10
Chromium	25.0	U	40.0	25.0	ug/L		04/10/22 17:25	04/11/22 14:15	10
Lead	8.4	U	12.0	8.4	ug/L		04/10/22 17:25	04/11/22 14:15	10
Selenium	5.9	U	25.0	5.9	ug/L		04/10/22 17:25	04/11/22 14:15	10

Lab Sample ID: 460-255749-F-1-H MS ^10
Matrix: Solid
Analysis Batch: 838499

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 838423

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Silver	2.9	U	500	548.4		ug/L		110	75 - 125		
Arsenic	8.9	U	5000	5400		ug/L		108	75 - 125		
Barium	561		10000	11530		ug/L		110	75 - 125		
Cadmium	3.9	U	1000	1124		ug/L		112	75 - 125		
Chromium	25.0	U	5000	5458		ug/L		109	75 - 125		
Lead	16.6		5000	5482		ug/L		109	75 - 125		
Selenium	5.9	U	1000	1124		ug/L		112	75 - 125		

Lab Sample ID: 460-255749-F-1-G DU ^10
Matrix: Solid
Analysis Batch: 838499

Client Sample ID: Duplicate
Prep Type: TCLP
Prep Batch: 838423

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Silver	2.9	U		2.9	U	ug/L				NC	20
Arsenic	8.9	U		8.9	U	ug/L				NC	20
Barium	561			589.9		ug/L				5	20
Cadmium	3.9	U		3.9	U	ug/L				NC	20
Chromium	25.0	U		25.0	U	ug/L				NC	20
Lead	16.6			17.40		ug/L				5	20
Selenium	5.9	U		5.9	U	ug/L				NC	20

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

Lab Sample ID: LRC 460-838367/12
Client Sample ID: Lab Control Sample
Matrix: Solid
Analysis Batch: 838367

Analyte	Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	5000	5243		ug/L		105	90 - 110
Barium	20000	19090		ug/L		95	90 - 110
Beryllium	2000	2151		ug/L		108	90 - 110
Cadmium	5000	5231		ug/L		105	90 - 110
Cobalt	2000	2104		ug/L		105	90 - 110
Chromium	20000	20820		ug/L		104	90 - 110
Copper	20000	20610		ug/L		103	90 - 110
Manganese	10000	10830		ug/L		108	90 - 110
Nickel	20000	21120		ug/L		106	90 - 110
Lead	20000	21190		ug/L		106	90 - 110
Selenium	2000	2142		ug/L		107	90 - 110
Thallium	1000	1036		ug/L		104	90 - 110
Vanadium	5000	5201		ug/L		104	90 - 110
Zinc	20000	20840		ug/L		104	90 - 110

Lab Sample ID: LRC 460-838367/13
Client Sample ID: Lab Control Sample
Matrix: Solid
Analysis Batch: 838367

Analyte	Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	200000	198400		ug/L		99	90 - 110
Calcium	500000	508000		ug/L		102	90 - 110
Iron	500000	504400		ug/L		101	90 - 110
Potassium	500000	481300		ug/L		96	90 - 110
Magnesium	500000	506300		ug/L		101	90 - 110
Sodium	500000	490900		ug/L		98	90 - 110

Lab Sample ID: LRC 460-838499/12
Client Sample ID: Lab Control Sample
Matrix: Solid
Analysis Batch: 838499

Analyte	Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	5000	5244		ug/L		105	90 - 110
Barium	20000	19100		ug/L		96	90 - 110
Cadmium	5000	5210		ug/L		104	90 - 110
Chromium	20000	20740		ug/L		104	90 - 110
Lead	20000	21190		ug/L		106	90 - 110
Selenium	2000	2105		ug/L		105	90 - 110

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 460-838522/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 838554
Prep Batch: 838522

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000091	U	0.00020	0.000091	mg/L		04/11/22 13:32	04/11/22 14:23	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 460-838522/2-A
Matrix: Solid
Analysis Batch: 838554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 838522

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00500	0.00517		mg/L		103	80 - 120		

Lab Sample ID: LB 460-838311/1-D
Matrix: Solid
Analysis Batch: 838554

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 838522

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000091	U	0.00020	0.000091	mg/L		04/11/22 13:32	04/11/22 15:07	1

Lab Sample ID: 460-255598-E-1-K MS
Matrix: Solid
Analysis Batch: 838554

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 838522

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.000091	U	0.00500	0.00539		mg/L		108	75 - 125		

Lab Sample ID: 460-255598-E-1-J DU
Matrix: Solid
Analysis Batch: 838554

Client Sample ID: Duplicate
Prep Type: TCLP
Prep Batch: 838522

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.000091	U	0.000091	U	mg/L		NC	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-837778/1-A
Matrix: Solid
Analysis Batch: 837885

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 837778

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0080	U	0.017	0.0080	mg/Kg		04/07/22 04:03	04/07/22 09:36	1

Lab Sample ID: LCSSRM 460-837778/2-A ^40
Matrix: Solid
Analysis Batch: 837885

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 837778

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			18.9	16.36		mg/Kg		86.5	68.8 - 131.2		

Lab Sample ID: 460-255183-B-2-D MS
Matrix: Solid
Analysis Batch: 837885

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 837778

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.018		0.0899	0.110		mg/Kg	☼	102	80 - 120		

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 460-255183-B-2-C DU
Matrix: Solid
Analysis Batch: 837885

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 837778

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.018			0.0222		mg/Kg	☼			20	20

Method: 1030 - Ignitability, Solids

Lab Sample ID: 460-255598-C-1 DU
Matrix: Solid
Analysis Batch: 838418

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Burn Rate	2.20	U		2.20	U	mm/sec				NC	10

Method: 9014 - Cyanide, Reactive

Lab Sample ID: MB 460-838742/1-A
Matrix: Solid
Analysis Batch: 838755

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 838742

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	25.0	U	25.0	25.0	mg/Kg		04/12/22 14:22	04/12/22 16:52	1

Lab Sample ID: LCS 460-838742/2-A
Matrix: Solid
Analysis Batch: 838755

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 838742

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Reactive			40.0	25.0	U	mg/Kg		12	10 - 100		

Lab Sample ID: 460-255873-B-1-I DU
Matrix: Solid
Analysis Batch: 838755

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 838742

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Cyanide, Reactive	25.0	U		25.0	U	mg/Kg				NC	10

Method: 9034 - Sulfide, Reactive

Lab Sample ID: MB 460-838741/1-A
Matrix: Solid
Analysis Batch: 838754

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 838741

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	20.0	U	20.0	20.0	mg/Kg		04/12/22 14:16	04/12/22 16:50	1

Lab Sample ID: LCSSRM 460-838741/3-A
Matrix: Solid
Analysis Batch: 838754

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 838741

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide, Reactive			70.9	64.83		mg/Kg		91.4	46.7 - 142.5		

Method: 9034 - Sulfide, Reactive (Continued)

Lab Sample ID: 460-255790-K-1-B MS
Matrix: Solid
Analysis Batch: 838754

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 838741

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide, Reactive	20.0	U	352	322.1		mg/Kg		91	64 - 136		

Lab Sample ID: 460-255790-K-1-C MSD
Matrix: Solid
Analysis Batch: 838754

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 838741

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide, Reactive	20.0	U	352	322.1		mg/Kg		91	64 - 136	0	10

Method: 9045D - pH

Lab Sample ID: MB 460-838253/2
Matrix: Solid
Analysis Batch: 838253

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.4				SU			04/09/22 11:02	1
Temperature	22.1				Degrees C			04/09/22 11:02	1
Corrosivity	6.4				SU			04/09/22 11:02	1

Lab Sample ID: LCSSRM 460-838253/3
Matrix: Solid
Analysis Batch: 838253

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

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
pH			6.27	6.4		SU		101.3	96.8 - 103.2		
Corrosivity			6.27	6.4		SU		101.3	96.8 - 103.2		

Lab Sample ID: 460-255715-19 DU
Matrix: Solid
Analysis Batch: 838253

Client Sample ID: COMP-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.4	HF		7.4		SU				0	10
Temperature	20.9	HF		20.9		Degrees C				0	10
Corrosivity	7.4	HF		7.4		SU				0	10

Method: 9095B - Paint Filter

Lab Sample ID: 460-255216-K-1 DU
Matrix: Solid
Analysis Batch: 838069

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Free Liquid	0.500	U		0.500	U	mL/100g				NC	10

Qualifiers

GC/MS Semi VOA

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

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.
W	PS: Post-digestion spike was outside control limits

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

GC/MS Semi VOA

Prep Batch: 837727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-16	COMP-1	Total/NA	Solid	3546	
460-255715-17	COMP-2	Total/NA	Solid	3546	
460-255715-18	COMP-3	Total/NA	Solid	3546	
MB 460-837727/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-837727/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-837727/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-255680-E-1-A MS	Matrix Spike	Total/NA	Solid	3546	
460-255680-E-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 837819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-16	COMP-1	Total/NA	Solid	8270E	837727
460-255715-17	COMP-2	Total/NA	Solid	8270E	837727
460-255715-18	COMP-3	Total/NA	Solid	8270E	837727
MB 460-837727/1-A	Method Blank	Total/NA	Solid	8270E	837727
LCS 460-837727/2-A	Lab Control Sample	Total/NA	Solid	8270E	837727
LCSD 460-837727/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	837727
460-255680-E-1-A MS	Matrix Spike	Total/NA	Solid	8270E	837727
460-255680-E-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	837727

GC VOA

Prep Batch: 837702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-1	SB-8 (0-5)	Total/NA	Solid	5035	
460-255715-2	SB-8 (8-8.5)	Total/NA	Solid	5035	
460-255715-3	SB-11 (4-4.5)	Total/NA	Solid	5035	
460-255715-4	SB-11 (9.5-10)	Total/NA	Solid	5035	
460-255715-5	SB-14 (4-5)	Total/NA	Solid	5035	
460-255715-6	SB-14 (6-10)	Total/NA	Solid	5035	
460-255715-7	SB-15 (3-5)	Total/NA	Solid	5035	
460-255715-8	SB-15 (12-13)	Total/NA	Solid	5035	
460-255715-9	SB-9 (4-5)	Total/NA	Solid	5035	
460-255715-10	SB-12 (0-5)	Total/NA	Solid	5035	
460-255715-11	SB-12 (7-8)	Total/NA	Solid	5035	
460-255715-12	SB-10(2.5-5)	Total/NA	Solid	5035	
460-255715-13	SB-13 (2-2.5)	Total/NA	Solid	5035	
460-255715-14	SB-13 (7-7.5)	Total/NA	Solid	5035	
460-255715-15	SB-16 (3-5)	Total/NA	Solid	5035	

Analysis Batch: 837797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-1	SB-8 (0-5)	Total/NA	Solid	8015D	837702
460-255715-2	SB-8 (8-8.5)	Total/NA	Solid	8015D	837702
460-255715-3	SB-11 (4-4.5)	Total/NA	Solid	8015D	837702
460-255715-4	SB-11 (9.5-10)	Total/NA	Solid	8015D	837702
460-255715-5	SB-14 (4-5)	Total/NA	Solid	8015D	837702
460-255715-6	SB-14 (6-10)	Total/NA	Solid	8015D	837702
460-255715-7	SB-15 (3-5)	Total/NA	Solid	8015D	837702
460-255715-8	SB-15 (12-13)	Total/NA	Solid	8015D	837702
460-255715-9	SB-9 (4-5)	Total/NA	Solid	8015D	837702

GC VOA (Continued)

Analysis Batch: 837797 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-10	SB-12 (0-5)	Total/NA	Solid	8015D	837702
460-255715-11	SB-12 (7-8)	Total/NA	Solid	8015D	837702
460-255715-12	SB-10(2.5-5)	Total/NA	Solid	8015D	837702
460-255715-13	SB-13 (2-2.5)	Total/NA	Solid	8015D	837702
460-255715-14	SB-13 (7-7.5)	Total/NA	Solid	8015D	837702
460-255715-15	SB-16 (3-5)	Total/NA	Solid	8015D	837702
MB 460-837797/6	Method Blank	Total/NA	Solid	8015D	
LCS 460-837797/3	Lab Control Sample	Total/NA	Solid	8015D	
LCSD 460-837797/4	Lab Control Sample Dup	Total/NA	Solid	8015D	

GC Semi VOA

Prep Batch: 837713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-16	COMP-1	Total/NA	Solid	3546	
460-255715-17	COMP-2	Total/NA	Solid	3546	
460-255715-18	COMP-3	Total/NA	Solid	3546	
MB 460-837713/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-837713/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-837713/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-255715-16 MS	COMP-1	Total/NA	Solid	3546	
460-255715-16 MSD	COMP-1	Total/NA	Solid	3546	

Prep Batch: 837716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-1	SB-8 (0-5)	Total/NA	Solid	3546	
460-255715-2	SB-8 (8-8.5)	Total/NA	Solid	3546	
460-255715-3	SB-11 (4-4.5)	Total/NA	Solid	3546	
460-255715-4	SB-11 (9.5-10)	Total/NA	Solid	3546	
460-255715-5	SB-14 (4-5)	Total/NA	Solid	3546	
460-255715-6	SB-14 (6-10)	Total/NA	Solid	3546	
460-255715-7	SB-15 (3-5)	Total/NA	Solid	3546	
460-255715-8	SB-15 (12-13)	Total/NA	Solid	3546	
460-255715-9	SB-9 (4-5)	Total/NA	Solid	3546	
460-255715-10	SB-12 (0-5)	Total/NA	Solid	3546	
460-255715-11	SB-12 (7-8)	Total/NA	Solid	3546	
460-255715-12	SB-10(2.5-5)	Total/NA	Solid	3546	
MB 460-837716/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-837716/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-837716/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-255621-A-1-A MS	Matrix Spike	Total/NA	Solid	3546	
460-255621-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 837782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-16	COMP-1	Total/NA	Solid	8082A	837713
460-255715-17	COMP-2	Total/NA	Solid	8082A	837713
460-255715-18	COMP-3	Total/NA	Solid	8082A	837713
MB 460-837713/1-A	Method Blank	Total/NA	Solid	8082A	837713
LCS 460-837713/2-A	Lab Control Sample	Total/NA	Solid	8082A	837713
LCSD 460-837713/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	837713

GC Semi VOA (Continued)

Analysis Batch: 837782 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-16 MS	COMP-1	Total/NA	Solid	8082A	837713
460-255715-16 MSD	COMP-1	Total/NA	Solid	8082A	837713

Analysis Batch: 837799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-1	SB-8 (0-5)	Total/NA	Solid	8015D	837716
460-255715-2	SB-8 (8-8.5)	Total/NA	Solid	8015D	837716
460-255715-3	SB-11 (4-4.5)	Total/NA	Solid	8015D	837716
460-255715-4	SB-11 (9.5-10)	Total/NA	Solid	8015D	837716
460-255715-5	SB-14 (4-5)	Total/NA	Solid	8015D	837716
460-255715-6	SB-14 (6-10)	Total/NA	Solid	8015D	837716
460-255715-7	SB-15 (3-5)	Total/NA	Solid	8015D	837716
460-255715-8	SB-15 (12-13)	Total/NA	Solid	8015D	837716
460-255715-9	SB-9 (4-5)	Total/NA	Solid	8015D	837716
460-255715-10	SB-12 (0-5)	Total/NA	Solid	8015D	837716
460-255715-11	SB-12 (7-8)	Total/NA	Solid	8015D	837716
460-255715-12	SB-10(2.5-5)	Total/NA	Solid	8015D	837716
MB 460-837716/1-A	Method Blank	Total/NA	Solid	8015D	837716
LCS 460-837716/2-A	Lab Control Sample	Total/NA	Solid	8015D	837716
LCSD 460-837716/3-A	Lab Control Sample Dup	Total/NA	Solid	8015D	837716
460-255621-A-1-A MS	Matrix Spike	Total/NA	Solid	8015D	837716
460-255621-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8015D	837716

Prep Batch: 839877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-13	SB-13 (2-2.5)	Total/NA	Solid	3546	
460-255715-14	SB-13 (7-7.5)	Total/NA	Solid	3546	
460-255715-15	SB-16 (3-5)	Total/NA	Solid	3546	
MB 460-839877/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-839877/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-839877/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-256383-B-1-A MS	Matrix Spike	Total/NA	Solid	3546	
460-256383-B-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 839919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-13	SB-13 (2-2.5)	Total/NA	Solid	8015D	839877
460-255715-14	SB-13 (7-7.5)	Total/NA	Solid	8015D	839877
460-255715-15	SB-16 (3-5)	Total/NA	Solid	8015D	839877
MB 460-839877/1-A	Method Blank	Total/NA	Solid	8015D	839877
LCS 460-839877/2-A	Lab Control Sample	Total/NA	Solid	8015D	839877
LCSD 460-839877/3-A	Lab Control Sample Dup	Total/NA	Solid	8015D	839877
460-256383-B-1-A MS	Matrix Spike	Total/NA	Solid	8015D	839877
460-256383-B-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8015D	839877

Metals

Prep Batch: 837778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-16	COMP-1	Total/NA	Solid	7471B	
460-255715-17	COMP-2	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 837778 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-18	COMP-3	Total/NA	Solid	7471B	
MB 460-837778/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-837778/2-A ^4	Lab Control Sample	Total/NA	Solid	7471B	
460-255183-B-2-D MS	Matrix Spike	Total/NA	Solid	7471B	
460-255183-B-2-C DU	Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 837885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-16	COMP-1	Total/NA	Solid	7471B	837778
460-255715-17	COMP-2	Total/NA	Solid	7471B	837778
460-255715-18	COMP-3	Total/NA	Solid	7471B	837778
MB 460-837778/1-A	Method Blank	Total/NA	Solid	7471B	837778
LCSSRM 460-837778/2-A ^4	Lab Control Sample	Total/NA	Solid	7471B	837778
460-255183-B-2-D MS	Matrix Spike	Total/NA	Solid	7471B	837778
460-255183-B-2-C DU	Duplicate	Total/NA	Solid	7471B	837778

Leach Batch: 838170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-16	COMP-1	TCLP	Solid	1311	
460-255715-17	COMP-2	TCLP	Solid	1311	
LB 460-838170/1-B ^10	Method Blank	TCLP	Solid	1311	
460-255598-E-1-K MS	Matrix Spike	TCLP	Solid	1311	
460-255713-A-7-G MS ^10	Matrix Spike	TCLP	Solid	1311	
460-255598-E-1-J DU	Duplicate	TCLP	Solid	1311	
460-255713-A-7-F DU ^10	Duplicate	TCLP	Solid	1311	

Prep Batch: 838203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-16	COMP-1	Total/NA	Solid	3050B	
460-255715-17	COMP-2	Total/NA	Solid	3050B	
460-255715-18	COMP-3	Total/NA	Solid	3050B	
MB 460-838203/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-838203/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
460-254625-B-1-C MS	Matrix Spike	Total/NA	Solid	3050B	
460-254625-B-1-B DU	Duplicate	Total/NA	Solid	3050B	

Leach Batch: 838311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-18	COMP-3	TCLP	Solid	1311	
LB 460-838311/1-B ^10	Method Blank	TCLP	Solid	1311	
LB 460-838311/1-D	Method Blank	TCLP	Solid	1311	
460-255749-F-1-H MS ^10	Matrix Spike	TCLP	Solid	1311	
460-255749-F-1-G DU ^10	Duplicate	TCLP	Solid	1311	

Prep Batch: 838313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-16	COMP-1	TCLP	Solid	3010A	838170
460-255715-17	COMP-2	TCLP	Solid	3010A	838170
LB 460-838170/1-B ^10	Method Blank	TCLP	Solid	3010A	838170
MB 460-838313/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 460-838313/2-A ^10	Lab Control Sample	Total/NA	Solid	3010A	

Metals (Continued)

Prep Batch: 838313 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255713-A-7-G MS ^10	Matrix Spike	TCLP	Solid	3010A	838170
460-255713-A-7-F DU ^10	Duplicate	TCLP	Solid	3010A	838170

Analysis Batch: 838367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-16	COMP-1	TCLP	Solid	6020B	838313
460-255715-16	COMP-1	Total/NA	Solid	6020B	838203
460-255715-17	COMP-2	TCLP	Solid	6020B	838313
460-255715-17	COMP-2	Total/NA	Solid	6020B	838203
460-255715-18	COMP-3	Total/NA	Solid	6020B	838203
LB 460-838170/1-B ^10	Method Blank	TCLP	Solid	6020B	838313
MB 460-838203/1-A	Method Blank	Total/NA	Solid	6020B	838203
MB 460-838313/1-A	Method Blank	Total/NA	Solid	6020B	838313
LCS 460-838313/2-A ^10	Lab Control Sample	Total/NA	Solid	6020B	838313
LCSSRM 460-838203/2-A ^5	Lab Control Sample	Total/NA	Solid	6020B	838203
LRC 460-838367/12	Lab Control Sample		Solid	6020B	
LRC 460-838367/13	Lab Control Sample		Solid	6020B	
460-254625-B-1-C MS	Matrix Spike	Total/NA	Solid	6020B	838203
460-255713-A-7-G MS ^10	Matrix Spike	TCLP	Solid	6020B	838313
460-254625-B-1-B DU	Duplicate	Total/NA	Solid	6020B	838203
460-255713-A-7-F DU ^10	Duplicate	TCLP	Solid	6020B	838313

Prep Batch: 838423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-18	COMP-3	TCLP	Solid	3010A	838311
LB 460-838311/1-B ^10	Method Blank	TCLP	Solid	3010A	838311
MB 460-838423/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 460-838423/2-A ^10	Lab Control Sample	Total/NA	Solid	3010A	
460-255749-F-1-H MS ^10	Matrix Spike	TCLP	Solid	3010A	838311
460-255749-F-1-G DU ^10	Duplicate	TCLP	Solid	3010A	838311

Analysis Batch: 838499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-18	COMP-3	TCLP	Solid	6020B	838423
LB 460-838311/1-B ^10	Method Blank	TCLP	Solid	6020B	838423
MB 460-838423/1-A	Method Blank	Total/NA	Solid	6020B	838423
LCS 460-838423/2-A ^10	Lab Control Sample	Total/NA	Solid	6020B	838423
LRC 460-838499/12	Lab Control Sample		Solid	6020B	
LRC 460-838499/13	Lab Control Sample		Solid	6020B	
460-255749-F-1-H MS ^10	Matrix Spike	TCLP	Solid	6020B	838423
460-255749-F-1-G DU ^10	Duplicate	TCLP	Solid	6020B	838423

Prep Batch: 838522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-16	COMP-1	TCLP	Solid	7470A	838170
460-255715-17	COMP-2	TCLP	Solid	7470A	838170
460-255715-18	COMP-3	TCLP	Solid	7470A	838311
LB 460-838311/1-D	Method Blank	TCLP	Solid	7470A	838311
MB 460-838522/1-A	Method Blank	Total/NA	Solid	7470A	
LCS 460-838522/2-A	Lab Control Sample	Total/NA	Solid	7470A	
460-255598-E-1-K MS	Matrix Spike	TCLP	Solid	7470A	838170

Metals (Continued)

Prep Batch: 838522 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255598-E-1-J DU	Duplicate	TCLP	Solid	7470A	838170

Analysis Batch: 838554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-16	COMP-1	TCLP	Solid	7470A	838522
460-255715-17	COMP-2	TCLP	Solid	7470A	838522
460-255715-18	COMP-3	TCLP	Solid	7470A	838522
LB 460-838311/1-D	Method Blank	TCLP	Solid	7470A	838522
MB 460-838522/1-A	Method Blank	Total/NA	Solid	7470A	838522
LCS 460-838522/2-A	Lab Control Sample	Total/NA	Solid	7470A	838522
460-255598-E-1-K MS	Matrix Spike	TCLP	Solid	7470A	838522
460-255598-E-1-J DU	Duplicate	TCLP	Solid	7470A	838522

General Chemistry

Analysis Batch: 837678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-1	SB-8 (0-5)	Total/NA	Solid	Moisture	
460-255715-2	SB-8 (8-8.5)	Total/NA	Solid	Moisture	
460-255715-3	SB-11 (4-4.5)	Total/NA	Solid	Moisture	
460-255715-4	SB-11 (9.5-10)	Total/NA	Solid	Moisture	
460-255715-5	SB-14 (4-5)	Total/NA	Solid	Moisture	
460-255715-6	SB-14 (6-10)	Total/NA	Solid	Moisture	
460-255715-7	SB-15 (3-5)	Total/NA	Solid	Moisture	
460-255715-8	SB-15 (12-13)	Total/NA	Solid	Moisture	
460-255715-9	SB-9 (4-5)	Total/NA	Solid	Moisture	
460-255715-10	SB-12 (0-5)	Total/NA	Solid	Moisture	
460-255715-11	SB-12 (7-8)	Total/NA	Solid	Moisture	
460-255715-12	SB-10(2.5-5)	Total/NA	Solid	Moisture	
460-255715-13	SB-13 (2-2.5)	Total/NA	Solid	Moisture	
460-255715-14	SB-13 (7-7.5)	Total/NA	Solid	Moisture	
460-255715-15	SB-16 (3-5)	Total/NA	Solid	Moisture	
460-255715-15 DU	SB-16 (3-5)	Total/NA	Solid	Moisture	

Analysis Batch: 837704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-16	COMP-1	Total/NA	Solid	Moisture	
460-255715-17	COMP-2	Total/NA	Solid	Moisture	
460-255715-18	COMP-3	Total/NA	Solid	Moisture	
460-255715-19	COMP-4	Total/NA	Solid	Moisture	
460-255388-A-4 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-255388-A-4 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-255388-A-7 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 838069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-19	COMP-4	Total/NA	Solid	9095B	
460-255216-K-1 DU	Duplicate	Total/NA	Solid	9095B	

General Chemistry

Analysis Batch: 838253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-19	COMP-4	Total/NA	Solid	9045D	
MB 460-838253/2	Method Blank	Total/NA	Solid	9045D	
LCSSRM 460-838253/3	Lab Control Sample	Total/NA	Solid	9045D	
460-255715-19 DU	COMP-4	Total/NA	Solid	9045D	

Analysis Batch: 838418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-19	COMP-4	Total/NA	Solid	1030	
460-255598-C-1 DU	Duplicate	Total/NA	Solid	1030	

Prep Batch: 838741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-19	COMP-4	Total/NA	Solid	7.3.4	
MB 460-838741/1-A	Method Blank	Total/NA	Solid	7.3.4	
LCSSRM 460-838741/3-A	Lab Control Sample	Total/NA	Solid	7.3.4	
460-255790-K-1-B MS	Matrix Spike	Total/NA	Solid	7.3.4	
460-255790-K-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	7.3.4	

Prep Batch: 838742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-19	COMP-4	Total/NA	Solid	7.3.3	
MB 460-838742/1-A	Method Blank	Total/NA	Solid	7.3.3	
LCS 460-838742/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
460-255873-B-1-I DU	Duplicate	Total/NA	Solid	7.3.3	

Analysis Batch: 838754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-19	COMP-4	Total/NA	Solid	9034	838741
MB 460-838741/1-A	Method Blank	Total/NA	Solid	9034	838741
LCSSRM 460-838741/3-A	Lab Control Sample	Total/NA	Solid	9034	838741
460-255790-K-1-B MS	Matrix Spike	Total/NA	Solid	9034	838741
460-255790-K-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	9034	838741

Analysis Batch: 838755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-255715-19	COMP-4	Total/NA	Solid	9014	838742
MB 460-838742/1-A	Method Blank	Total/NA	Solid	9014	838742
LCS 460-838742/2-A	Lab Control Sample	Total/NA	Solid	9014	838742
460-255873-B-1-I DU	Duplicate	Total/NA	Solid	9014	838742

Client Sample ID: SB-8 (0-5)
Date Collected: 04/05/22 09:10
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255715-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837678	04/06/22 16:39	CJC	TAL EDI

Client Sample ID: SB-8 (0-5)
Date Collected: 04/05/22 09:10
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255715-1
Matrix: Solid
Percent Solids: 92.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837702	04/06/22 17:29	JJC	TAL EDI
Total/NA	Analysis	8015D		50	837797	04/07/22 11:21	CJM	TAL EDI
Total/NA	Prep	3546			837716	04/06/22 18:25	ARA	TAL EDI
Total/NA	Analysis	8015D		1	837799	04/08/22 09:54	CDC	TAL EDI

Client Sample ID: SB-8 (8-8.5)
Date Collected: 04/05/22 09:20
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255715-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837678	04/06/22 16:39	CJC	TAL EDI

Client Sample ID: SB-8 (8-8.5)
Date Collected: 04/05/22 09:20
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255715-2
Matrix: Solid
Percent Solids: 97.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837702	04/06/22 17:29	JJC	TAL EDI
Total/NA	Analysis	8015D		50	837797	04/07/22 11:49	CJM	TAL EDI
Total/NA	Prep	3546			837716	04/06/22 18:25	ARA	TAL EDI
Total/NA	Analysis	8015D		1	837799	04/08/22 00:28	CDC	TAL EDI

Client Sample ID: SB-11 (4-4.5)
Date Collected: 04/05/22 09:40
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255715-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837678	04/06/22 16:39	CJC	TAL EDI

Client Sample ID: SB-11 (4-4.5)
Date Collected: 04/05/22 09:40
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255715-3
Matrix: Solid
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837702	04/06/22 17:29	JJC	TAL EDI
Total/NA	Analysis	8015D		50	837797	04/07/22 12:18	CJM	TAL EDI
Total/NA	Prep	3546			837716	04/06/22 18:25	ARA	TAL EDI
Total/NA	Analysis	8015D		1	837799	04/08/22 00:49	CDC	TAL EDI

Client Sample ID: SB-11 (9.5-10)
Lab Sample ID: 460-255715-4
Date Collected: 04/05/22 09:45
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837678	04/06/22 16:39	CJC	TAL EDI

Client Sample ID: SB-11 (9.5-10)
Lab Sample ID: 460-255715-4
Date Collected: 04/05/22 09:45
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 98.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837702	04/06/22 17:29	JJC	TAL EDI
Total/NA	Analysis	8015D		50	837797	04/07/22 12:48	CJM	TAL EDI
Total/NA	Prep	3546			837716	04/06/22 18:25	ARA	TAL EDI
Total/NA	Analysis	8015D		1	837799	04/08/22 01:53	CDC	TAL EDI

Client Sample ID: SB-14 (4-5)
Lab Sample ID: 460-255715-5
Date Collected: 04/05/22 10:00
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837678	04/06/22 16:39	CJC	TAL EDI

Client Sample ID: SB-14 (4-5)
Lab Sample ID: 460-255715-5
Date Collected: 04/05/22 10:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837702	04/06/22 17:29	JJC	TAL EDI
Total/NA	Analysis	8015D		50	837797	04/07/22 13:16	CJM	TAL EDI
Total/NA	Prep	3546			837716	04/06/22 18:25	ARA	TAL EDI
Total/NA	Analysis	8015D		1	837799	04/08/22 02:15	CDC	TAL EDI

Client Sample ID: SB-14 (6-10)
Lab Sample ID: 460-255715-6
Date Collected: 04/05/22 10:10
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837678	04/06/22 16:39	CJC	TAL EDI

Client Sample ID: SB-14 (6-10)
Lab Sample ID: 460-255715-6
Date Collected: 04/05/22 10:10
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 94.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837702	04/06/22 17:30	JJC	TAL EDI
Total/NA	Analysis	8015D		50	837797	04/07/22 13:45	CJM	TAL EDI
Total/NA	Prep	3546			837716	04/06/22 18:25	ARA	TAL EDI
Total/NA	Analysis	8015D		1	837799	04/08/22 02:36	CDC	TAL EDI

Client Sample ID: SB-15 (3-5)
Lab Sample ID: 460-255715-7
Date Collected: 04/05/22 10:45
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837678	04/06/22 16:39	CJC	TAL EDI

Client Sample ID: SB-15 (3-5)
Lab Sample ID: 460-255715-7
Date Collected: 04/05/22 10:45
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837702	04/06/22 17:30	JJC	TAL EDI
Total/NA	Analysis	8015D		50	837797	04/07/22 14:14	CJM	TAL EDI
Total/NA	Prep	3546			837716	04/06/22 18:25	ARA	TAL EDI
Total/NA	Analysis	8015D		1	837799	04/08/22 02:57	CDC	TAL EDI

Client Sample ID: SB-15 (12-13)
Lab Sample ID: 460-255715-8
Date Collected: 04/05/22 11:00
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837678	04/06/22 16:39	CJC	TAL EDI

Client Sample ID: SB-15 (12-13)
Lab Sample ID: 460-255715-8
Date Collected: 04/05/22 11:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837702	04/06/22 17:30	JJC	TAL EDI
Total/NA	Analysis	8015D		50	837797	04/07/22 14:43	CJM	TAL EDI
Total/NA	Prep	3546			837716	04/06/22 18:25	ARA	TAL EDI
Total/NA	Analysis	8015D		1	837799	04/08/22 03:18	CDC	TAL EDI

Client Sample ID: SB-9 (4-5)
Lab Sample ID: 460-255715-9
Date Collected: 04/05/22 11:20
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837678	04/06/22 16:39	CJC	TAL EDI

Client Sample ID: SB-9 (4-5)
Lab Sample ID: 460-255715-9
Date Collected: 04/05/22 11:20
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 99.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837702	04/06/22 17:30	JJC	TAL EDI
Total/NA	Analysis	8015D		50	837797	04/07/22 15:12	CJM	TAL EDI
Total/NA	Prep	3546			837716	04/06/22 18:25	ARA	TAL EDI
Total/NA	Analysis	8015D		1	837799	04/08/22 03:39	CDC	TAL EDI

Client Sample ID: SB-12 (0-5)
Date Collected: 04/05/22 12:00
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255715-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837678	04/06/22 16:39	CJC	TAL EDI

Client Sample ID: SB-12 (0-5)
Date Collected: 04/05/22 12:00
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255715-10
Matrix: Solid
Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837702	04/06/22 17:30	JJC	TAL EDI
Total/NA	Analysis	8015D		50	837797	04/07/22 15:42	CJM	TAL EDI
Total/NA	Prep	3546			837716	04/06/22 18:25	ARA	TAL EDI
Total/NA	Analysis	8015D		1	837799	04/08/22 04:01	CDC	TAL EDI

Client Sample ID: SB-12 (7-8)
Date Collected: 04/05/22 11:50
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255715-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837678	04/06/22 16:39	CJC	TAL EDI

Client Sample ID: SB-12 (7-8)
Date Collected: 04/05/22 11:50
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255715-11
Matrix: Solid
Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837702	04/06/22 17:31	JJC	TAL EDI
Total/NA	Analysis	8015D		50	837797	04/07/22 17:11	CJM	TAL EDI
Total/NA	Prep	3546			837716	04/06/22 18:25	ARA	TAL EDI
Total/NA	Analysis	8015D		1	837799	04/08/22 04:22	CDC	TAL EDI

Client Sample ID: SB-10(2.5-5)
Date Collected: 04/05/22 12:30
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255715-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837678	04/06/22 16:39	CJC	TAL EDI

Client Sample ID: SB-10(2.5-5)
Date Collected: 04/05/22 12:30
Date Received: 04/05/22 18:00

Lab Sample ID: 460-255715-12
Matrix: Solid
Percent Solids: 94.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837702	04/06/22 17:31	JJC	TAL EDI
Total/NA	Analysis	8015D		50	837797	04/07/22 17:41	CJM	TAL EDI
Total/NA	Prep	3546			837716	04/06/22 18:25	ARA	TAL EDI
Total/NA	Analysis	8015D		1	837799	04/08/22 04:43	CDC	TAL EDI

Client Sample ID: SB-13 (2-2.5)
Lab Sample ID: 460-255715-13
Date Collected: 04/05/22 12:55
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837678	04/06/22 16:39	CJC	TAL EDI

Client Sample ID: SB-13 (2-2.5)
Lab Sample ID: 460-255715-13
Date Collected: 04/05/22 12:55
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837702	04/06/22 17:31	JJC	TAL EDI
Total/NA	Analysis	8015D		50	837797	04/07/22 18:11	CJM	TAL EDI
Total/NA	Prep	3546			839877	04/18/22 22:17	JMS	TAL EDI
Total/NA	Analysis	8015D		1	839919	04/19/22 08:52	CDC	TAL EDI

Client Sample ID: SB-13 (7-7.5)
Lab Sample ID: 460-255715-14
Date Collected: 04/05/22 13:00
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837678	04/06/22 16:39	CJC	TAL EDI

Client Sample ID: SB-13 (7-7.5)
Lab Sample ID: 460-255715-14
Date Collected: 04/05/22 13:00
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837702	04/06/22 17:31	JJC	TAL EDI
Total/NA	Analysis	8015D		50	837797	04/07/22 18:41	CJM	TAL EDI
Total/NA	Prep	3546			839877	04/18/22 22:17	JMS	TAL EDI
Total/NA	Analysis	8015D		1	839919	04/19/22 09:05	CDC	TAL EDI

Client Sample ID: SB-16 (3-5)
Lab Sample ID: 460-255715-15
Date Collected: 04/05/22 13:20
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	837678	04/06/22 16:39	CJC	TAL EDI

Client Sample ID: SB-16 (3-5)
Lab Sample ID: 460-255715-15
Date Collected: 04/05/22 13:20
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			837702	04/06/22 17:31	JJC	TAL EDI
Total/NA	Analysis	8015D		50	837797	04/07/22 19:10	CJM	TAL EDI
Total/NA	Prep	3546			839877	04/18/22 22:17	JMS	TAL EDI
Total/NA	Analysis	8015D		1	839919	04/19/22 09:17	CDC	TAL EDI

Client Sample ID: COMP-1
Lab Sample ID: 460-255715-16
Date Collected: 04/05/22 10:25
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			838170	04/08/22 15:00	YXG	TAL EDI
TCLP	Prep	3010A			838313	04/09/22 17:55	GAE	TAL EDI
TCLP	Analysis	6020B		10	838367	04/10/22 17:09	MDC	TAL EDI
TCLP	Leach	1311			838170	04/08/22 15:00	YXG	TAL EDI
TCLP	Prep	7470A			838522	04/11/22 13:32	RBS	TAL EDI
TCLP	Analysis	7470A		1	838554	04/11/22 14:45	RBS	TAL EDI
Total/NA	Analysis	Moisture		1	837704	04/06/22 17:41	CJC	TAL EDI

Client Sample ID: COMP-1
Lab Sample ID: 460-255715-16
Date Collected: 04/05/22 10:25
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			837727	04/06/22 19:30	GXY	TAL EDI
Total/NA	Analysis	8270E		1	837819	04/07/22 18:53	MDJ	TAL EDI
Total/NA	Prep	3546			837713	04/06/22 18:19	ARA	TAL EDI
Total/NA	Analysis	8082A		1	837782	04/07/22 11:43	JHP	TAL EDI
Total/NA	Prep	3050B			838203	04/08/22 19:50	GAE	TAL EDI
Total/NA	Analysis	6020B		1	838367	04/10/22 14:20	MDC	TAL EDI
Total/NA	Prep	7471B			837778	04/07/22 04:03	TJS	TAL EDI
Total/NA	Analysis	7471B		1	837885	04/07/22 09:59	TJS	TAL EDI

Client Sample ID: COMP-2
Lab Sample ID: 460-255715-17
Date Collected: 04/05/22 12:15
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			838170	04/08/22 15:00	YXG	TAL EDI
TCLP	Prep	3010A			838313	04/09/22 17:55	GAE	TAL EDI
TCLP	Analysis	6020B		10	838367	04/10/22 17:11	MDC	TAL EDI
TCLP	Leach	1311			838170	04/08/22 15:00	YXG	TAL EDI
TCLP	Prep	7470A			838522	04/11/22 13:32	RBS	TAL EDI
TCLP	Analysis	7470A		1	838554	04/11/22 14:47	RBS	TAL EDI
Total/NA	Analysis	Moisture		1	837704	04/06/22 17:41	CJC	TAL EDI

Client Sample ID: COMP-2
Lab Sample ID: 460-255715-17
Date Collected: 04/05/22 12:15
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 94.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			837727	04/06/22 19:30	GXY	TAL EDI
Total/NA	Analysis	8270E		1	837819	04/07/22 19:10	MDJ	TAL EDI
Total/NA	Prep	3546			837713	04/06/22 18:19	ARA	TAL EDI
Total/NA	Analysis	8082A		1	837782	04/07/22 12:33	JHP	TAL EDI
Total/NA	Prep	3050B			838203	04/08/22 19:50	GAE	TAL EDI
Total/NA	Analysis	6020B		1	838367	04/10/22 14:22	MDC	TAL EDI

Client Sample ID: COMP-2
Lab Sample ID: 460-255715-17
Date Collected: 04/05/22 12:15
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 94.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			837778	04/07/22 04:03	TJS	TAL EDI
Total/NA	Analysis	7471B		1	837885	04/07/22 10:01	TJS	TAL EDI

Client Sample ID: COMP-3
Lab Sample ID: 460-255715-18
Date Collected: 04/05/22 13:35
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			838311	04/09/22 15:00	YXG	TAL EDI
TCLP	Prep	3010A			838423	04/10/22 17:25	GAE	TAL EDI
TCLP	Analysis	6020B		10	838499	04/11/22 14:34	MDC	TAL EDI
TCLP	Leach	1311			838311	04/09/22 15:00	YXG	TAL EDI
TCLP	Prep	7470A			838522	04/11/22 13:32	RBS	TAL EDI
TCLP	Analysis	7470A		1	838554	04/11/22 14:49	RBS	TAL EDI
Total/NA	Analysis	Moisture		1	837704	04/06/22 17:41	CJC	TAL EDI

Client Sample ID: COMP-3
Lab Sample ID: 460-255715-18
Date Collected: 04/05/22 13:35
Matrix: Solid
Date Received: 04/05/22 18:00
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			837727	04/06/22 19:30	GXY	TAL EDI
Total/NA	Analysis	8270E		1	837819	04/07/22 19:28	MDJ	TAL EDI
Total/NA	Prep	3546			837713	04/06/22 18:19	ARA	TAL EDI
Total/NA	Analysis	8082A		1	837782	04/07/22 12:49	JHP	TAL EDI
Total/NA	Prep	3050B			838203	04/08/22 19:50	GAE	TAL EDI
Total/NA	Analysis	6020B		1	838367	04/10/22 14:25	MDC	TAL EDI
Total/NA	Prep	7471B			837778	04/07/22 04:03	TJS	TAL EDI
Total/NA	Analysis	7471B		1	837885	04/07/22 10:02	TJS	TAL EDI

Client Sample ID: COMP-4
Lab Sample ID: 460-255715-19
Date Collected: 04/05/22 13:45
Matrix: Solid
Date Received: 04/05/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1030		1	838418	04/10/22 15:18	YXG	TAL EDI
Total/NA	Prep	7.3.3			838742	04/12/22 14:22	YAH	TAL EDI
Total/NA	Analysis	9014		1	838755	04/12/22 16:52	YAH	TAL EDI
Total/NA	Prep	7.3.4			838741	04/12/22 14:16	YAH	TAL EDI
Total/NA	Analysis	9034		1	838754	04/12/22 16:50	YAH	TAL EDI
Total/NA	Analysis	9045D		1	838253	04/09/22 11:08	KSS	TAL EDI
Total/NA	Analysis	9095B		1	838069	04/08/22 10:43	YAH	TAL EDI
Total/NA	Analysis	Moisture		1	837704	04/06/22 17:41	CJC	TAL EDI

Laboratory References:

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

Accreditation/Certification Summary

Client: Environmental Compliance & Control Inc
Job ID: 460-255715-1
Project/Site: Bridge Cleaners

Laboratory: Eurofins Edison

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
7470A	7470A	Solid	Mercury
9014	7.3.3	Solid	Cyanide, Reactive
9034	7.3.4	Solid	Sulfide, Reactive
9045D		Solid	Temperature
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

8270E

Semivolatile Organic Compounds (GC/MS)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPHL #
COMP-1	460-255715-16	82	83	83	86	90	92
COMP-2	460-255715-17	72	74	74	76	86	91
COMP-3	460-255715-18	81	83	82	84	89	91
	MB 460-837727/1-A	82	83	84	84	90	96
	LCS 460-837727/2-A	83	85	86	88	98	93
	LCSD 460-837727/3-A	81	84	84	86	99	90
	460-255680-E-1-A MS	82	83	81	84	94	90
	460-255680-E-1-B MSD	81	83	83	82	95	90

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	10-105
PHL = Phenol-d5 (Surr)	15-100
NBZ = Nitrobenzene-d5 (Surr)	11-104
FBP = 2-Fluorobiphenyl	14-103
TBP = 2,4,6-Tribromophenol (Surr)	10-123
TPHL = Terphenyl-d14 (Surr)	12-126

Column to be used to flag recovery values

FORM II 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: f460957.D

Lab ID: LCS 460-837727/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1'-Biphenyl	3330	3140	94	65-110	
1,2,4,5-Tetrachlorobenzene	3330	3100	93	64-110	
2,2'-oxybis[1-chloropropane]	3330	2720	82	49-109	
2,3,4,6-Tetrachlorophenol	3330	3350	100	58-113	
2,4,5-Trichlorophenol	3330	3170	95	64-112	
2,4,6-Trichlorophenol	3330	3290	99	63-113	
2,4-Dichlorophenol	3330	3230	97	66-113	
2,4-Dimethylphenol	3330	3100	93	63-107	
2,4-Dinitrophenol	6670	6210	93	25-150	
2,4-Dinitrotoluene	3330	3590	108	65-124	
2,6-Dinitrotoluene	3330	3390	102	67-121	
2-Chloronaphthalene	3330	3130	94	65-109	
2-Chlorophenol	3330	3070	92	63-106	
2-Methylnaphthalene	3330	2990	90	64-108	
2-Methylphenol	3330	3130	94	63-108	
2-Nitroaniline	3330	3280	98	59-119	
2-Nitrophenol	3330	3170	95	64-112	
3,3'-Dichlorobenzidine	3330	3250	97	17-101	
3-Nitroaniline	3330	3230	97	31-102	
4,6-Dinitro-2-methylphenol	6670	6260	94	44-136	
4-Bromophenyl phenyl ether	3330	3130	94	67-113	
4-Chloro-3-methylphenol	3330	3220	97	66-114	
4-Chloroaniline	3330	3050	92	20-98	
4-Chlorophenyl phenyl ether	3330	3200	96	66-110	
4-Methylphenol	3330	3150	95	61-108	
4-Nitroaniline	3330	3230	97	50-110	
4-Nitrophenol	6670	6760	101	47-123	
Acenaphthene	3330	3250	97	53-110	
Acenaphthylene	3330	3010	90	64-108	
Acetophenone	3330	3100	93	61-103	
Anthracene	3330	3170	95	67-114	
Atrazine	1330	1260	95	44-145	
Benzaldehyde	1330	1230	92	43-150	
Benzo[a]anthracene	3330	3180	95	67-115	
Benzo[a]pyrene	3330	3130	94	73-123	
Benzo[b]fluoranthene	3330	3610	108	70-125	
Benzo[g,h,i]perylene	3330	3230	97	61-113	
Benzo[k]fluoranthene	3330	3230	97	67-115	
Bis(2-chloroethoxy)methane	3330	3130	94	62-107	
Bis(2-chloroethyl)ether	3330	3000	90	60-107	
Bis(2-ethylhexyl) phthalate	3330	3210	96	59-111	
Butyl benzyl phthalate	3330	3230	97	62-113	
Caprolactam	1330	1150	86	59-140	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: f460957.D

Lab ID: LCS 460-837727/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Carbazole	3330	3190	96	64-113	
Chrysene	3330	3110	93	71-122	
Dibenz(a,h)anthracene	3330	3340	100	66-119	
Dibenzofuran	3330	3200	96	65-108	
Diethyl phthalate	3330	3290	99	63-109	
Dimethyl phthalate	3330	3240	97	65-109	
Di-n-butyl phthalate	3330	3240	97	66-114	
Di-n-octyl phthalate	3330	3230	97	65-122	
Fluoranthene	3330	3220	96	61-106	
Fluorene	3330	3260	98	65-109	
Hexachlorobenzene	3330	3220	97	61-113	
Hexachlorobutadiene	3330	3080	93	62-109	
Hexachlorocyclopentadiene	3330	2830	85	42-118	
Hexachloroethane	3330	3100	93	61-102	
Indeno[1,2,3-cd]pyrene	3330	3290	99	62-121	
Isophorone	3330	3210	96	63-107	
Naphthalene	3330	3120	94	63-106	
Nitrobenzene	3330	3340	100	63-110	
N-Nitrosodi-n-propylamine	3330	3170	95	61-108	
N-Nitrosodiphenylamine	3330	3160	95	67-113	
Pentachlorophenol	6670	6510	98	44-126	
Phenanthrene	3330	3130	94	66-112	
Phenol	3330	3060	92	63-110	
Pyrene	3330	3150	95	61-111	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: f460958.D

Lab ID: LCSD 460-837727/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1'-Biphenyl	3330	3050	92	3	30	65-110	
1,2,4,5-Tetrachlorobenzene	3330	3020	91	3	30	64-110	
2,2'-oxybis[1-chloropropane]	3330	2620	79	4	30	49-109	
2,3,4,6-Tetrachlorophenol	3330	3300	99	2	30	58-113	
2,4,5-Trichlorophenol	3330	3100	93	2	30	64-112	
2,4,6-Trichlorophenol	3330	3270	98	1	30	63-113	
2,4-Dichlorophenol	3330	3090	93	4	30	66-113	
2,4-Dimethylphenol	3330	3040	91	2	30	63-107	
2,4-Dinitrophenol	6670	6040	91	3	30	25-150	
2,4-Dinitrotoluene	3330	3520	106	2	30	65-124	
2,6-Dinitrotoluene	3330	3350	101	1	30	67-121	
2-Chloronaphthalene	3330	3090	93	1	30	65-109	
2-Chlorophenol	3330	2970	89	3	30	63-106	
2-Methylnaphthalene	3330	2880	86	4	30	64-108	
2-Methylphenol	3330	3080	92	1	30	63-108	
2-Nitroaniline	3330	3240	97	1	30	59-119	
2-Nitrophenol	3330	3110	93	2	30	64-112	
3,3'-Dichlorobenzidine	3330	3100	93	5	30	17-101	
3-Nitroaniline	3330	3220	96	1	30	31-102	
4,6-Dinitro-2-methylphenol	6670	6100	92	3	30	44-136	
4-Bromophenyl phenyl ether	3330	3070	92	2	30	67-113	
4-Chloro-3-methylphenol	3330	3130	94	3	30	66-114	
4-Chloroaniline	3330	2940	88	4	30	20-98	
4-Chlorophenyl phenyl ether	3330	3150	95	2	30	66-110	
4-Methylphenol	3330	3120	94	1	30	61-108	
4-Nitroaniline	3330	3300	99	2	30	50-110	
4-Nitrophenol	6670	6660	100	1	30	47-123	
Acenaphthene	3330	3200	96	1	30	53-110	
Acenaphthylene	3330	2930	88	3	30	64-108	
Acetophenone	3330	3080	92	1	30	61-103	
Anthracene	3330	3080	92	3	30	67-114	
Atrazine	1330	1250	93	2	30	44-145	
Benzaldehyde	1330	1200	90	3	30	43-150	
Benzo[a]anthracene	3330	3100	93	2	30	67-115	
Benzo[a]pyrene	3330	3030	91	3	30	73-123	
Benzo[b]fluoranthene	3330	3360	101	7	30	70-125	
Benzo[g,h,i]perylene	3330	3090	93	4	30	61-113	
Benzo[k]fluoranthene	3330	3200	96	1	30	67-115	
Bis(2-chloroethoxy)methane	3330	3010	90	4	30	62-107	
Bis(2-chloroethyl)ether	3330	2950	89	2	30	60-107	
Bis(2-ethylhexyl) phthalate	3330	3110	93	3	30	59-111	
Butyl benzyl phthalate	3330	3120	94	3	30	62-113	
Caprolactam	1330	1130	85	2	30	59-140	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: f460958.D

Lab ID: LCSD 460-837727/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Carbazole	3330	3110	93	2	30	64-113	
Chrysene	3330	2970	89	5	30	71-122	
Dibenz(a,h)anthracene	3330	3250	97	3	30	66-119	
Dibenzofuran	3330	3160	95	1	30	65-108	
Diethyl phthalate	3330	3200	96	3	30	63-109	
Dimethyl phthalate	3330	3220	97	1	30	65-109	
Di-n-butyl phthalate	3330	3170	95	2	30	66-114	
Di-n-octyl phthalate	3330	3120	94	3	30	65-122	
Fluoranthene	3330	3110	93	3	30	61-106	
Fluorene	3330	3200	96	2	30	65-109	
Hexachlorobenzene	3330	3140	94	2	30	61-113	
Hexachlorobutadiene	3330	2910	87	6	30	62-109	
Hexachlorocyclopentadiene	3330	2770	83	2	30	42-118	
Hexachloroethane	3330	3010	90	3	30	61-102	
Indeno[1,2,3-cd]pyrene	3330	3360	101	2	30	62-121	
Isophorone	3330	3050	91	5	30	63-107	
Naphthalene	3330	2980	90	4	30	63-106	
Nitrobenzene	3330	3250	97	3	30	63-110	
N-Nitrosodi-n-propylamine	3330	3100	93	2	30	61-108	
N-Nitrosodiphenylamine	3330	3060	92	3	30	67-113	
Pentachlorophenol	6670	6370	95	2	30	44-126	
Phenanthrene	3330	3020	90	4	30	66-112	
Phenol	3330	2970	89	3	30	63-110	
Pyrene	3330	3010	90	5	30	61-111	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: f460973.D

Lab ID: 460-255680-E-1-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1'-Biphenyl	3830	5.0 U	3470	91	65-110	
1,2,4,5-Tetrachlorobenzene	3830	12 U	3430	90	64-110	
2,2'-oxybis[1-chloropropane]	3830	6.9 U	3020	79	49-109	
2,3,4,6-Tetrachlorophenol	3830	26 U	3700	97	58-113	
2,4,5-Trichlorophenol	3830	39 U	3460	91	64-112	
2,4,6-Trichlorophenol	3830	49 U	3610	94	63-113	
2,4-Dichlorophenol	3830	24 U	3450	90	66-113	
2,4-Dimethylphenol	3830	17 U	3460	90	63-107	
2,4-Dinitrophenol	7650	190 U	5770	75	25-150	
2,4-Dinitrotoluene	3830	41 U	3960	103	65-124	
2,6-Dinitrotoluene	3830	27 U	3770	99	67-121	
2-Chloronaphthalene	3830	18 U	3440	90	65-109	
2-Chlorophenol	3830	14 U	3380	88	63-106	
2-Methylnaphthalene	3830	11 U	3250	85	64-108	
2-Methylphenol	3830	14 U	3470	91	63-108	
2-Nitroaniline	3830	14 U	3640	95	59-119	
2-Nitrophenol	3830	38 U	3400	89	64-112	
3,3'-Dichlorobenzidine	3830	57 U	3290	86	17-101	
3-Nitroaniline	3830	43 U	3000	79	31-102	
4,6-Dinitro-2-methylphenol	7650	160 U	5960	78	44-136	
4-Bromophenyl phenyl ether	3830	15 U	3460	90	67-113	
4-Chloro-3-methylphenol	3830	21 U	3510	92	66-114	
4-Chloroaniline	3830	67 U	2610	68	20-98	
4-Chlorophenyl phenyl ether	3830	13 U	3570	93	66-110	
4-Methylphenol	3830	24 U	3560	93	61-108	
4-Nitroaniline	3830	44 U	3400	89	50-110	
4-Nitrophenol	7650	62 U	7760	101	47-123	
Acenaphthene	3830	11 U	3610	94	53-110	
Acenaphthylene	3830	3.8 U	3310	87	64-108	
Acetophenone	3830	19 U	3420	89	61-103	
Anthracene	3830	12 U	3480	91	67-114	
Atrazine	1530	22 U	1440	94	44-145	
Benzaldehyde	1530	63 U	1410	92	43-150	E
Benzo[a]anthracene	3830	13 U	3520	92	67-115	
Benzo[a]pyrene	3830	10 U	3420	89	73-123	
Benzo[b]fluoranthene	3830	9.8 U	3800	99	70-125	
Benzo[g,h,i]perylene	3830	11 U	3580	93	61-113	
Benzo[k]fluoranthene	3830	7.5 U	3550	93	67-115	
Bis(2-chloroethoxy)methane	3830	30 U	3370	88	62-107	
Bis(2-chloroethyl)ether	3830	13 U	3280	86	60-107	
Bis(2-ethylhexyl) phthalate	3830	20 U	3590	94	59-111	
Butyl benzyl phthalate	3830	18 U	3590	94	62-113	
Caprolactam	1530	59 U	883	58	59-140	F1

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: f460973.D

Lab ID: 460-255680-E-1-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Carbazole	3830	14 U	3490	91	64-113	
Chrysene	3830	6.4 U	3300	86	71-122	
Dibenz(a,h)anthracene	3830	16 U	3740	98	66-119	
Dibenzofuran	3830	5.3 U	3560	93	65-108	
Diethyl phthalate	3830	5.5 U	3630	95	63-109	
Dimethyl phthalate	3830	86 U	3560	93	65-109	
Di-n-butyl phthalate	3830	14 U	3580	93	66-114	
Di-n-octyl phthalate	3830	20 U	3500	92	65-122	
Fluoranthene	3830	13 U	3490	91	61-106	
Fluorene	3830	5.2 U	3630	95	65-109	
Hexachlorobenzene	3830	18 U	3530	92	61-113	
Hexachlorobutadiene	3830	8.1 U	3290	86	62-109	
Hexachlorocyclopentadiene	3830	33 U	2550	67	42-118	
Hexachloroethane	3830	13 U	3360	88	61-102	
Indeno[1,2,3-cd]pyrene	3830	15 U	3650	95	62-121	
Isophorone	3830	110 U	3430	90	63-107	
Naphthalene	3830	6.6 U	3340	87	63-106	
Nitrobenzene	3830	9.1 U	3650	95	63-110	
N-Nitrosodi-n-propylamine	3830	28 U	3520	92	61-108	
N-Nitrosodiphenylamine	3830	31 U	3450	90	67-113	
Pentachlorophenol	7650	78 U	7250	95	44-126	
Phenanthrene	3830	6.7 U	3420	89	66-112	
Phenol	3830	14 U	3420	89	63-110	
Pyrene	3830	9.5 U	3440	90	61-111	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: f460974.D

Lab ID: 460-255680-E-1-B MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1'-Biphenyl	3830	3440	90	1	30	65-110	
1,2,4,5-Tetrachlorobenzene	3830	3410	89	1	30	64-110	
2,2'-oxybis[1-chloropropane]	3830	3030	79	0	30	49-109	
2,3,4,6-Tetrachlorophenol	3830	3640	95	2	30	58-113	
2,4,5-Trichlorophenol	3830	3600	94	4	30	64-112	
2,4,6-Trichlorophenol	3830	3620	94	0	30	63-113	
2,4-Dichlorophenol	3830	3610	94	5	30	66-113	
2,4-Dimethylphenol	3830	3450	90	0	30	63-107	
2,4-Dinitrophenol	7670	5930	77	3	30	25-150	
2,4-Dinitrotoluene	3830	3940	103	0	30	65-124	
2,6-Dinitrotoluene	3830	3840	100	2	30	67-121	
2-Chloronaphthalene	3830	3400	89	1	30	65-109	
2-Chlorophenol	3830	3390	88	0	30	63-106	
2-Methylnaphthalene	3830	3290	86	1	30	64-108	
2-Methylphenol	3830	3470	91	0	30	63-108	
2-Nitroaniline	3830	3640	95	0	30	59-119	
2-Nitrophenol	3830	3440	90	1	30	64-112	
3,3'-Dichlorobenzidine	3830	3340	87	1	30	17-101	
3-Nitroaniline	3830	3090	81	3	30	31-102	
4,6-Dinitro-2-methylphenol	7670	6270	82	5	30	44-136	
4-Bromophenyl phenyl ether	3830	3490	91	1	30	67-113	
4-Chloro-3-methylphenol	3830	3570	93	2	30	66-114	
4-Chloroaniline	3830	2790	73	7	30	20-98	
4-Chlorophenyl phenyl ether	3830	3600	94	1	30	66-110	
4-Methylphenol	3830	3570	93	0	30	61-108	
4-Nitroaniline	3830	3370	88	1	30	50-110	
4-Nitrophenol	7670	7710	100	1	30	47-123	
Acenaphthene	3830	3600	94	0	30	53-110	
Acenaphthylene	3830	3310	86	0	30	64-108	
Acetophenone	3830	3420	89	0	30	61-103	
Anthracene	3830	3510	91	1	30	67-114	
Atrazine	1530	1460	95	1	30	44-145	
Benzaldehyde	1530	1350	88	4	30	43-150	E
Benzo[a]anthracene	3830	3490	91	1	30	67-115	
Benzo[a]pyrene	3830	3470	90	1	30	73-123	
Benzo[b]fluoranthene	3830	3930	102	3	30	70-125	
Benzo[g,h,i]perylene	3830	3600	94	1	30	61-113	
Benzo[k]fluoranthene	3830	3460	90	3	30	67-115	
Bis(2-chloroethoxy)methane	3830	3390	89	1	30	62-107	
Bis(2-chloroethyl)ether	3830	3340	87	2	30	60-107	
Bis(2-ethylhexyl) phthalate	3830	3540	92	1	30	59-111	
Butyl benzyl phthalate	3830	3630	95	1	30	62-113	
Caprolactam	1530	905	59	3	30	59-140	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: f460974.D

Lab ID: 460-255680-E-1-B MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Carbazole	3830	3520	92	1	30	64-113	
Chrysene	3830	3290	86	0	30	71-122	
Dibenz(a,h)anthracene	3830	3760	98	1	30	66-119	
Dibenzofuran	3830	3540	92	0	30	65-108	
Diethyl phthalate	3830	3640	95	0	30	63-109	
Dimethyl phthalate	3830	3630	95	2	30	65-109	
Di-n-butyl phthalate	3830	3620	94	1	30	66-114	
Di-n-octyl phthalate	3830	3530	92	1	30	65-122	
Fluoranthene	3830	3540	92	1	30	61-106	
Fluorene	3830	3600	94	1	30	65-109	
Hexachlorobenzene	3830	3530	92	0	30	61-113	
Hexachlorobutadiene	3830	3350	87	2	30	62-109	
Hexachlorocyclopentadiene	3830	2590	68	2	30	42-118	
Hexachloroethane	3830	3320	87	1	30	61-102	
Indeno[1,2,3-cd]pyrene	3830	3690	96	1	30	62-121	
Isophorone	3830	3490	91	2	30	63-107	
Naphthalene	3830	3400	89	2	30	63-106	
Nitrobenzene	3830	3580	93	2	30	63-110	
N-Nitrosodi-n-propylamine	3830	3530	92	0	30	61-108	
N-Nitrosodiphenylamine	3830	3480	91	1	30	67-113	
Pentachlorophenol	7670	7290	95	1	30	44-126	
Phenanthrene	3830	3500	91	2	30	66-112	
Phenol	3830	3430	90	0	30	63-110	
Pyrene	3830	3440	90	0	30	61-111	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab File ID: f460956.D Lab Sample ID: MB 460-837727/1-A

Matrix: Solid Date Extracted: 04/06/2022 19:30

Instrument ID: CBNAMS15 Date Analyzed: 04/07/2022 09:57

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-837727/2-A	f460957.D	04/07/2022 10:14
	LCSD 460-837727/3-A	f460958.D	04/07/2022 10:31
	460-255680-E-1-A MS	f460973.D	04/07/2022 14:51
	460-255680-E-1-B MSD	f460974.D	04/07/2022 15:08
COMP-1	460-255715-16	f460984.D	04/07/2022 18:53
COMP-2	460-255715-17	f460985.D	04/07/2022 19:10
COMP-3	460-255715-18	f460986.D	04/07/2022 19:28

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab File ID: f460644.D DFTPP Injection Date: 03/30/2022

Instrument ID: CBNAMS15 DFTPP Injection Time: 08:25

Analysis Batch No.: 836323

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2% of m/z 69	0.7 (1.5) 1
69	Present	43.4
70	Less than 2% of m/z 69	0.2 (0.6) 1
197	Less than 2% of m/z 198	0.0
198	Base Peak	100.0
199	5-9% of m/z 198	7.1
365	Greater than 1% of Base Peak	3.7
441	Less than 150% of m/z 443	20.1 (82.4) 3
442	Present	128.0
443	15-24% of m/z 442	24.3 (19.0) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-836323/2	f460645.D	03/30/2022	8:33
	STD120 460-836323/3	f460646.D	03/30/2022	8:51
	STD80 460-836323/4	f460647.D	03/30/2022	9:08
	STD20 460-836323/5	f460648.D	03/30/2022	9:25
	STD10 460-836323/6	f460649.D	03/30/2022	9:42
	STD5 460-836323/7	f460650.D	03/30/2022	10:00
	STD2 460-836323/8	f460651.D	03/30/2022	10:17
	STD1 460-836323/9	f460652.D	03/30/2022	10:34
	STD05 460-836323/10	f460653.D	03/30/2022	10:52
	ICV 460-836323/11	f460654.D	03/30/2022	11:09

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

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Sample No.: ICIS 460-836323/2 Date Analyzed: 03/30/2022 08:33

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): f460645.D Heated Purge: (Y/N) N

Calibration ID: 90148

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		150237	3.31	587248	4.27	320214	5.61
UPPER LIMIT		300474	3.81	1174496	4.77	640428	6.11
LOWER LIMIT		75119	2.81	293624	3.77	160107	5.11
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-836323/11		153759	3.31	603824	4.27	333827	5.61

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

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

Column used to flag values outside QC limits

FORM VIII 8270E

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

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Sample No.: ICIS 460-836323/2 Date Analyzed: 03/30/2022 08:33

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): f460645.D Heated Purge: (Y/N) N

Calibration ID: 90148

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		579263	6.73	529974	8.78	553160	10.19
UPPER LIMIT		1158526	7.23	1059948	9.28	1106320	10.69
LOWER LIMIT		289632	6.23	264987	8.28	276580	9.69
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-836323/11		598302	6.73	556655	8.77	579379	10.17

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

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

Column used to flag values outside QC limits

FORM VIII 8270E

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

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Sample No.: CCVIS 460-837819/2 Date Analyzed: 04/07/2022 08:30

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): f460951.D Heated Purge: (Y/N) N

Calibration ID: 90148

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		120184	3.32	477617	4.29	264279	5.63
UPPER LIMIT		240368	3.82	955234	4.79	528558	6.13
LOWER LIMIT		60092	2.82	238809	3.79	132140	5.13
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-837727/1-A		98315	3.31	393041	4.28	227266	5.62
LCS 460-837727/2-A		107020	3.31	419780	4.28	242914	5.62
LCSD 460-837727/3-A		114573	3.31	455872	4.28	260941	5.62
460-255680-E-1-A MS		108157	3.32	430769	4.28	243795	5.62
460-255680-E-1-B MSD		113994	3.31	446124	4.28	258901	5.62
460-255715-16	COMP-1	114767	3.31	445170	4.28	251532	5.62
460-255715-17	COMP-2	111443	3.31	431524	4.27	249429	5.62
460-255715-18	COMP-3	106779	3.31	417155	4.27	238219	5.62

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

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

Column used to flag values outside QC limits

FORM VIII 8270E

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

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Sample No.: CCVIS 460-837819/2 Date Analyzed: 04/07/2022 08:30

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): f460951.D Heated Purge: (Y/N) N

Calibration ID: 90148

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		475622	6.75	445822	8.80	466463	10.22
UPPER LIMIT		951244	7.25	891644	9.30	932926	10.72
LOWER LIMIT		237811	6.25	222911	8.30	233232	9.72
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-837727/1-A		427944	6.74	390916	8.78	408564	10.19
LCS 460-837727/2-A		446350	6.74	423201	8.79	440750	10.20
LCSD 460-837727/3-A		486414	6.74	463093	8.78	480541	10.19
460-255680-E-1-A MS		452520	6.74	426119	8.78	453533	10.20
460-255680-E-1-B MSD		473244	6.74	451751	8.78	477999	10.19
460-255715-16	COMP-1	474700	6.73	429300	8.78	452592	10.19
460-255715-17	COMP-2	470388	6.74	411401	8.78	445391	10.19
460-255715-18	COMP-3	452679	6.73	401923	8.78	429045	10.19

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

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

Column used to flag values outside QC limits

FORM VIII 8270E

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: COMP-1 | Lab Sample ID: 460-255715-16

Matrix: Solid | Lab File ID: f460984.D

Analysis Method: 8270E | Date Collected: 04/05/2022 10:25

Extract. Method: 3546 | Date Extracted: 04/06/2022 19:30

Sample wt/vol: 15.02(g) | Date Analyzed: 04/07/2022 18:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837819 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.7	U	350	4.7
95-94-3	1,2,4,5-Tetrachlorobenzene	11	U	350	11
108-60-1	2,2'-oxybis[1-chloropropane]	6.4	U	350	6.4
58-90-2	2,3,4,6-Tetrachlorophenol	24	U	350	24
95-95-4	2,4,5-Trichlorophenol	36	U	350	36
88-06-2	2,4,6-Trichlorophenol	45	U	140	45
120-83-2	2,4-Dichlorophenol	23	U	140	23
105-67-9	2,4-Dimethylphenol	15	U	350	15
51-28-5	2,4-Dinitrophenol	170	U	280	170
121-14-2	2,4-Dinitrotoluene	38	U	71	38
606-20-2	2,6-Dinitrotoluene	25	U	71	25
91-58-7	2-Chloronaphthalene	16	U	350	16
95-57-8	2-Chlorophenol	13	U	350	13
91-57-6	2-Methylnaphthalene	9.8	U	350	9.8
95-48-7	2-Methylphenol	13	U	350	13
88-74-4	2-Nitroaniline	13	U	350	13
88-75-5	2-Nitrophenol	35	U	350	35
91-94-1	3,3'-Dichlorobenzidine	53	U	140	53
99-09-2	3-Nitroaniline	40	U	350	40
534-52-1	4,6-Dinitro-2-methylphenol	140	U	280	140
101-55-3	4-Bromophenyl phenyl ether	14	U	350	14
59-50-7	4-Chloro-3-methylphenol	20	U	350	20
106-47-8	4-Chloroaniline	62	U	350	62
7005-72-3	4-Chlorophenyl phenyl ether	12	U	350	12
106-44-5	4-Methylphenol	22	U	350	22
100-01-6	4-Nitroaniline	40	U	350	40
100-02-7	4-Nitrophenol	57	U	710	57
83-32-9	Acenaphthene	10	U	350	10
208-96-8	Acenaphthylene	3.5	U	350	3.5
98-86-2	Acetophenone	17	U	350	17
120-12-7	Anthracene	11	U	350	11
1912-24-9	Atrazine	21	U	140	21
100-52-7	Benzaldehyde	58	U	350	58
56-55-3	Benzo[a]anthracene	17	J	35	12
50-32-8	Benzo[a]pyrene	9.4	U	35	9.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: COMP-1 | Lab Sample ID: 460-255715-16

Matrix: Solid | Lab File ID: f460984.D

Analysis Method: 8270E | Date Collected: 04/05/2022 10:25

Extract. Method: 3546 | Date Extracted: 04/06/2022 19:30

Sample wt/vol: 15.02(g) | Date Analyzed: 04/07/2022 18:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837819 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
205-99-2	Benzo[b]fluoranthene	9.1	U	35	9.1
191-24-2	Benzo[g,h,i]perylene	10	U	350	10
207-08-9	Benzo[k]fluoranthene	6.9	U	35	6.9
111-91-1	Bis(2-chloroethoxy)methane	27	U	350	27
111-44-4	Bis(2-chloroethyl)ether	12	U	35	12
117-81-7	Bis(2-ethylhexyl) phthalate	19	U	350	19
85-68-7	Butyl benzyl phthalate	17	U	350	17
105-60-2	Caprolactam	55	U	350	55
86-74-8	Carbazole	13	U	350	13
218-01-9	Chrysene	10	J	350	6.0
53-70-3	Dibenz(a,h)anthracene	15	U	35	15
132-64-9	Dibenzofuran	4.9	U	350	4.9
84-66-2	Diethyl phthalate	5.1	U	350	5.1
131-11-3	Dimethyl phthalate	80	U	350	80
84-74-2	Di-n-butyl phthalate	13	U	350	13
117-84-0	Di-n-octyl phthalate	19	U	350	19
206-44-0	Fluoranthene	17	J	350	12
86-73-7	Fluorene	4.8	U	350	4.8
118-74-1	Hexachlorobenzene	17	U	35	17
87-68-3	Hexachlorobutadiene	7.5	U	71	7.5
77-47-4	Hexachlorocyclopentadiene	31	U	350	31
67-72-1	Hexachloroethane	12	U	35	12
193-39-5	Indeno[1,2,3-cd]pyrene	14	U	35	14
78-59-1	Isophorone	100	U	140	100
91-20-3	Naphthalene	6.1	U	350	6.1
98-95-3	Nitrobenzene	8.5	U	35	8.5
621-64-7	N-Nitrosodi-n-propylamine	26	U	35	26
86-30-6	N-Nitrosodiphenylamine	29	U	350	29
87-86-5	Pentachlorophenol	72	U	280	72
85-01-8	Phenanthrene	13	J	350	6.2
108-95-2	Phenol	13	U	350	13
129-00-0	Pyrene	16	J	350	8.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: COMP-1 | Lab Sample ID: 460-255715-16

Matrix: Solid | Lab File ID: f460984.D

Analysis Method: 8270E | Date Collected: 04/05/2022 10:25

Extract. Method: 3546 | Date Extracted: 04/06/2022 19:30

Sample wt/vol: 15.02(g) | Date Analyzed: 04/07/2022 18:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837819 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	90		10-123
321-60-8	2-Fluorobiphenyl	86		14-103
367-12-4	2-Fluorophenol (Surr)	82		10-105
4165-60-0	Nitrobenzene-d5 (Surr)	83		11-104
4165-62-2	Phenol-d5 (Surr)	83		15-100
1718-51-0	Terphenyl-d14 (Surr)	92		12-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460984.D
Lims ID: 460-255715-A-16-A
Client ID: COMP-1
Sample Type: Client
Inject. Date: 07-Apr-2022 18:53:21 ALS Bottle#: 0 Worklist Smp#: 35
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143724-035
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 08-Apr-2022 16:32:19 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: hamziy Date: 07-Apr-2022 21:20:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 5 2-Fluorophenol	112	2.422	2.415	0.006	93	166462	40.8	
$ 8 Phenol-d5	99	3.032	3.034	-0.003	99	207572	41.5	
* 15 1,4-Dichlorobenzene-d4	152	3.312	3.312	0.000	98	114767	40.0	
$ 26 Nitrobenzene-d5	82	3.725	3.725	-0.003	92	188619	41.5	
* 36 Naphthalene-d8	136	4.276	4.277	-0.001	100	445170	40.0	
$ 50 2-Fluorobiphenyl	172	5.113	5.112	-0.003	97	382835	42.8	
* 61 Acenaphthene-d10	164	5.617	5.620	-0.003	96	251532	40.0	
$ 76 2,4,6-Tribromophenol	330	6.212	6.213	-0.005	95	75299	45.1	
* 83 Phenanthrene-d10	188	6.734	6.740	-0.006	99	474700	40.0	
84 Phenanthrene	178	6.752	6.753	-0.006	10	2317	0.1871	
89 Fluoranthene	202	7.645	7.645	-0.005	95	3103	0.2329	
91 Pyrene	202	7.811	7.810	-0.005	94	3085	0.2287	
$ 93 Terphenyl-d14	244	7.946	7.943	-0.003	97	523828	45.9	
100 Benzo[a]anthracene	228	8.773	8.771	-0.004	46	3169	0.2437	
* 98 Chrysene-d12	240	8.779	8.786	-0.007	99	429300	40.0	
101 Chrysene	228	8.802	8.803	-0.007	13	1881	0.1450	
106 Benzo[a]pyrene	252	10.132	10.140	-0.006	80	1396	0.1202	
* 107 Perylene-d12	264	10.191	10.198	-0.007	99	452592	40.0	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

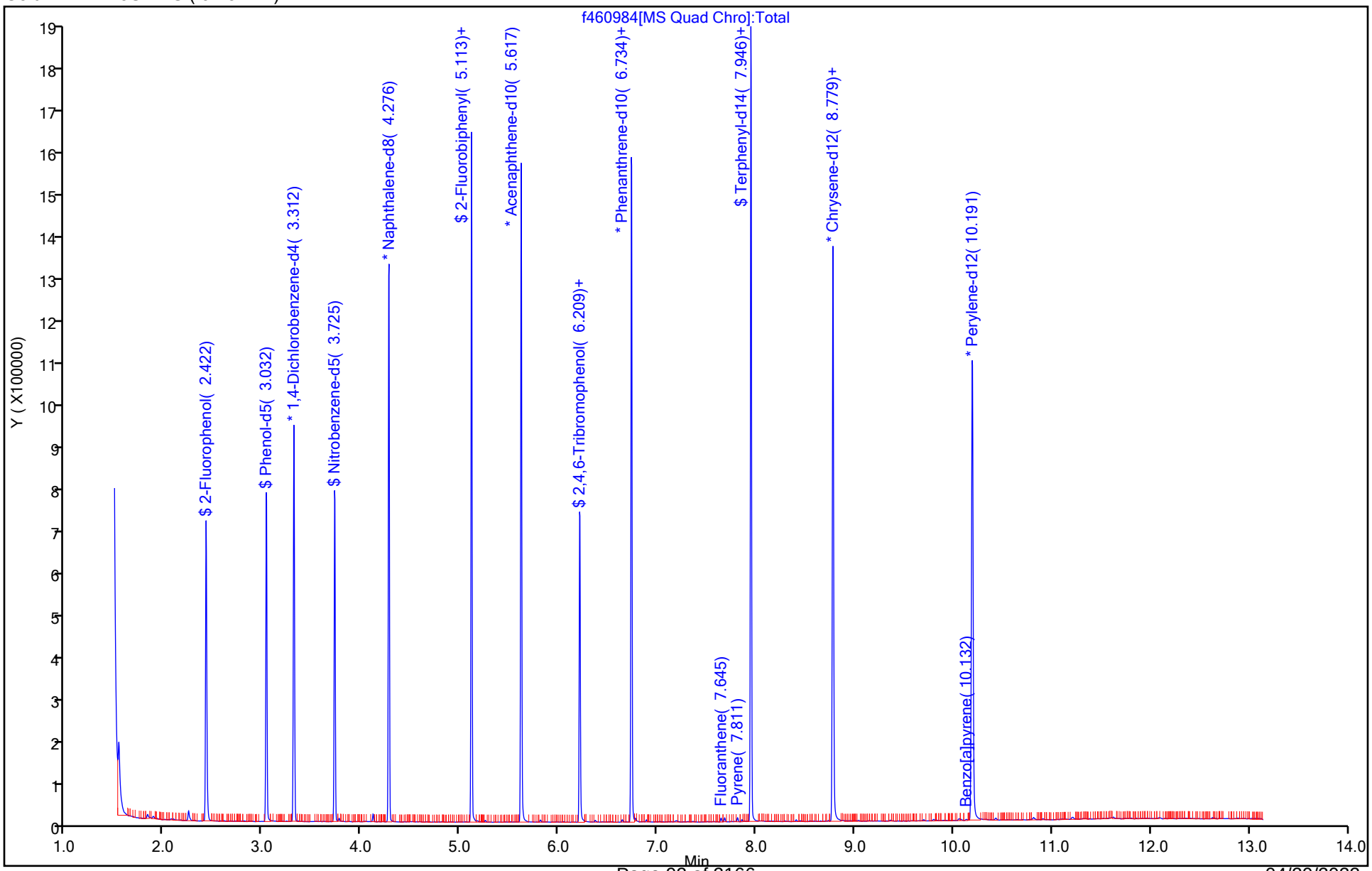
Report Date: 08-Apr-2022 16:33:01 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460984.D

Injection Date:	07-Apr-2022 18:53:21	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	460-255715-A-16-A	Lab Sample ID:	460-255715-16	Worklist Smp#:	35
Client ID:	COMP-1				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460984.D
Lims ID: 460-255715-A-16-A
Client ID: COMP-1
Sample Type: Client
Inject. Date: 07-Apr-2022 18:53:21 ALS Bottle#: 0 Worklist Smp#: 35
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143724-035
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 08-Apr-2022 16:32:19 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1611

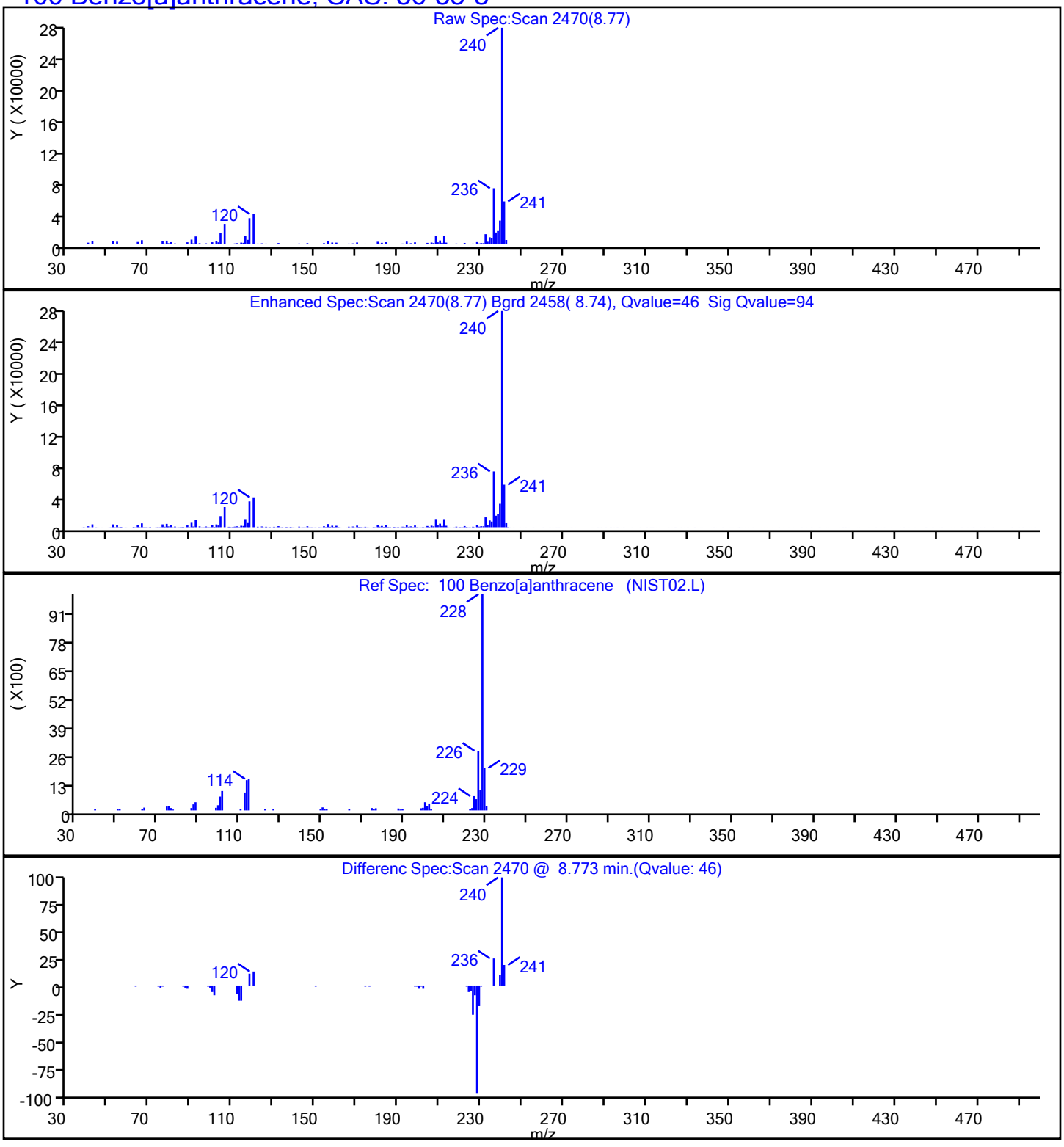
First Level Reviewer: hamziy Date: 07-Apr-2022 21:20:39

Compound	Amount Added	Amount Recovered	% Rec.
$ 5 2-Fluorophenol	50.0	40.8	81.60
$ 8 Phenol-d5	50.0	41.5	82.98
$ 26 Nitrobenzene-d5	50.0	41.5	83.09
$ 50 2-Fluorobiphenyl	50.0	42.8	85.58
$ 76 2,4,6-Tribromophenol	50.0	45.1	90.22
$ 93 Terphenyl-d14	50.0	45.9	91.78

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460984.D				
Injection Date:	07-Apr-2022 18:53:21	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-A-16-A	Lab Sample ID:	460-255715-16		
Client ID:	COMP-1				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	35
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

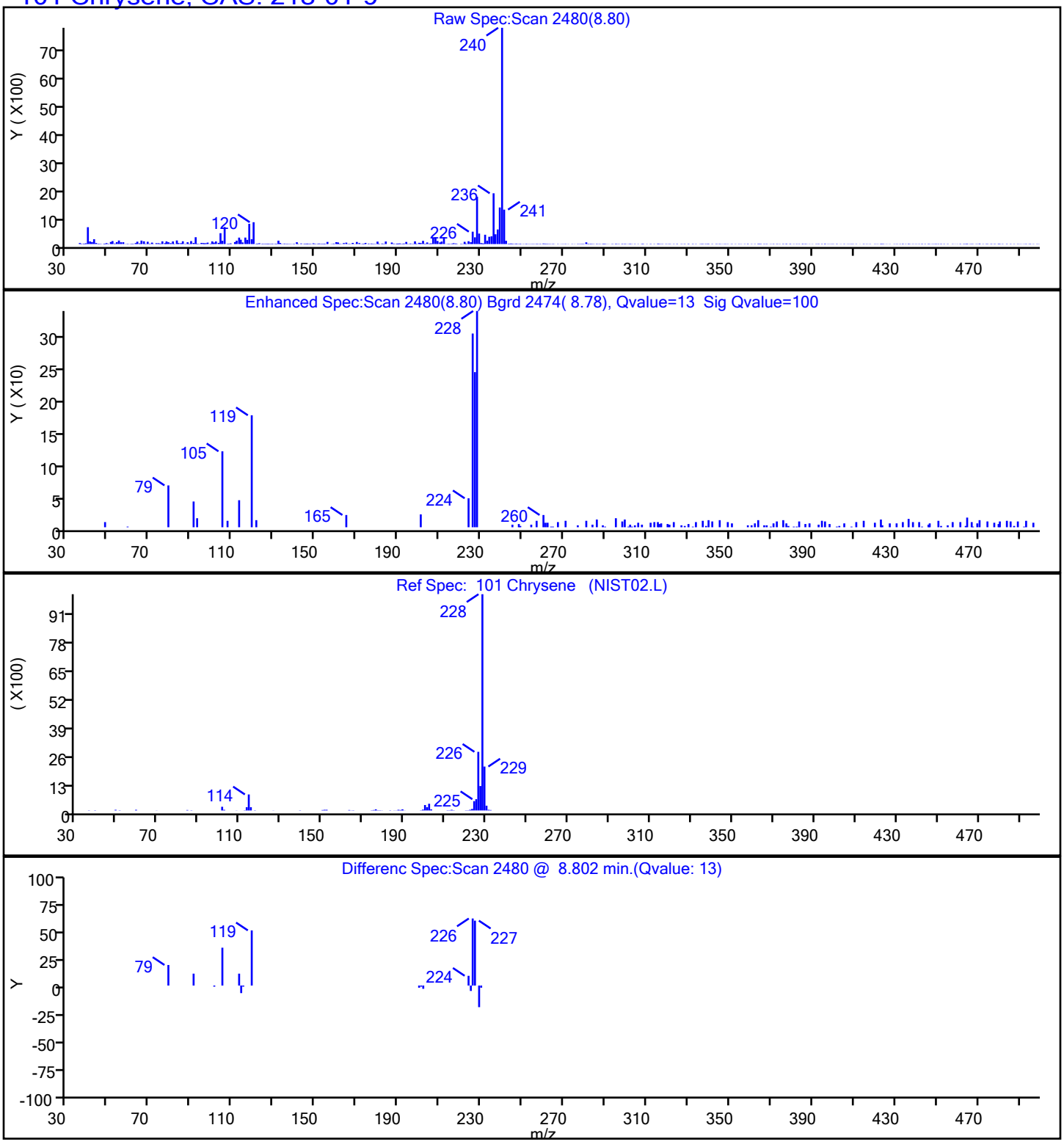
100 Benzo[a]anthracene, CAS: 56-55-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460984.D				
Injection Date:	07-Apr-2022 18:53:21	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-A-16-A	Lab Sample ID:	460-255715-16		
Client ID:	COMP-1				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	35
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

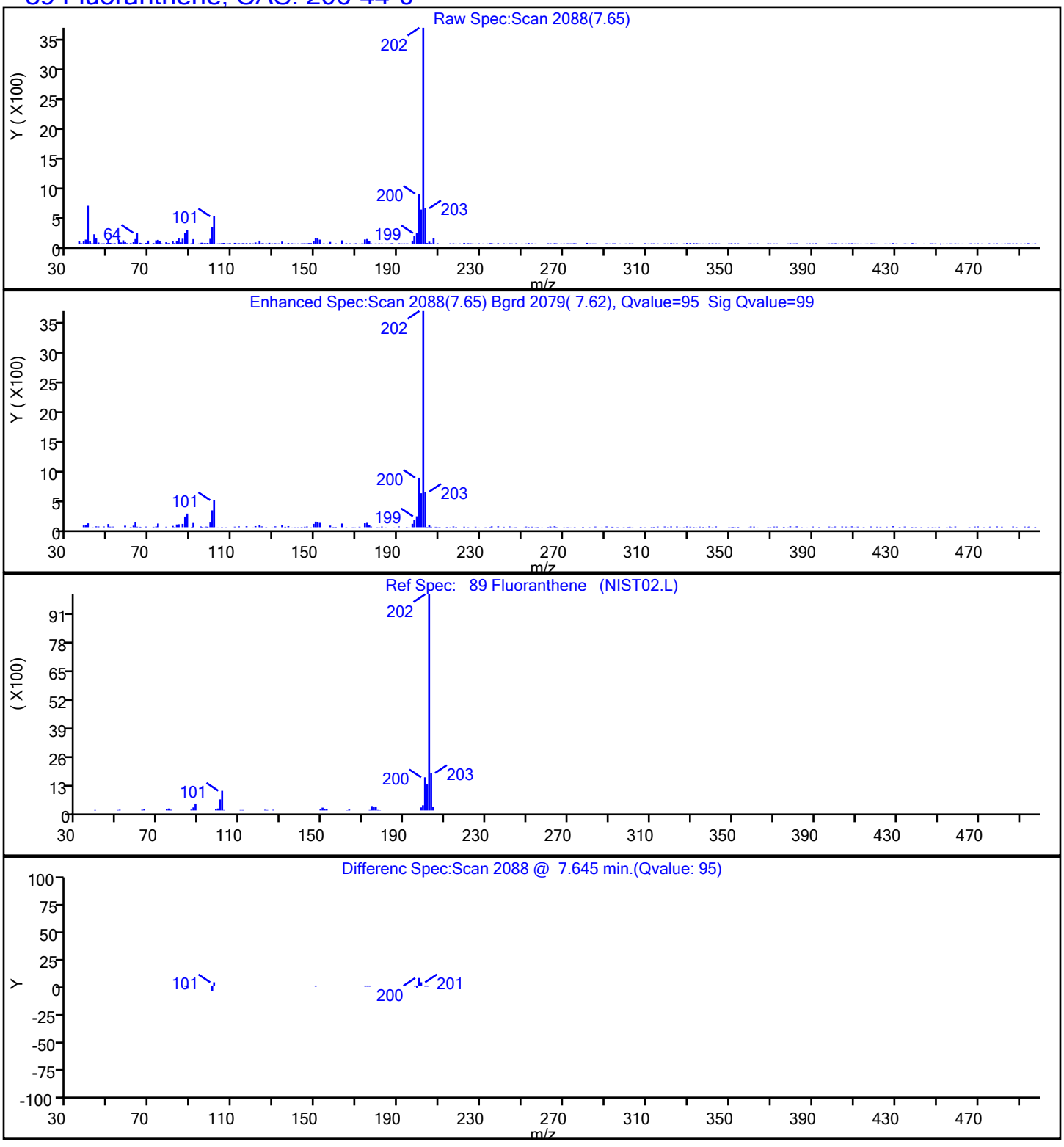
101 Chrysene, CAS: 218-01-9



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460984.D				
Injection Date:	07-Apr-2022 18:53:21	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-A-16-A	Lab Sample ID:	460-255715-16		
Client ID:	COMP-1				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	35
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

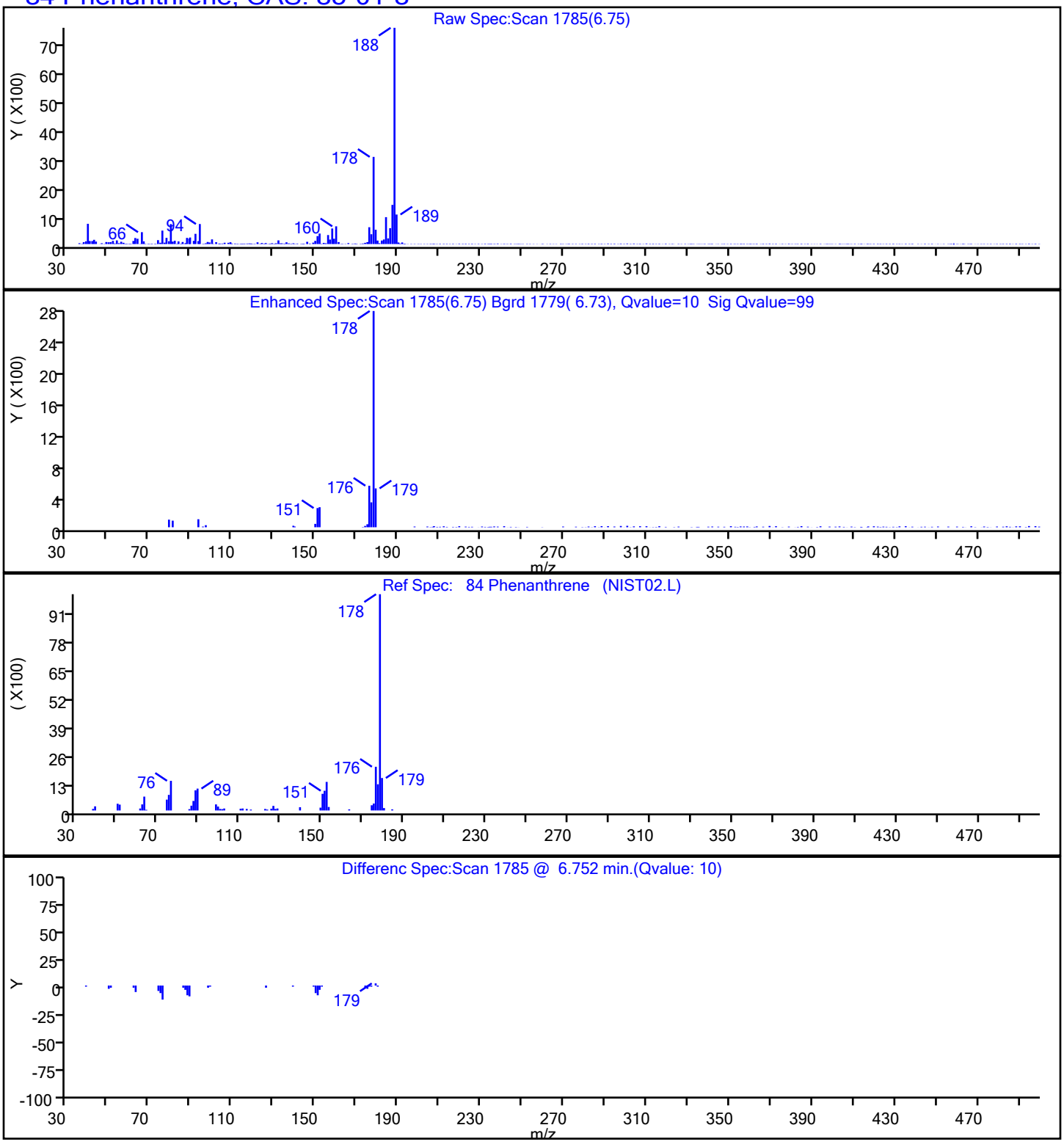
89 Fluoranthene, CAS: 206-44-0



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460984.D				
Injection Date:	07-Apr-2022 18:53:21	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-A-16-A	Lab Sample ID:	460-255715-16		
Client ID:	COMP-1				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	35
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

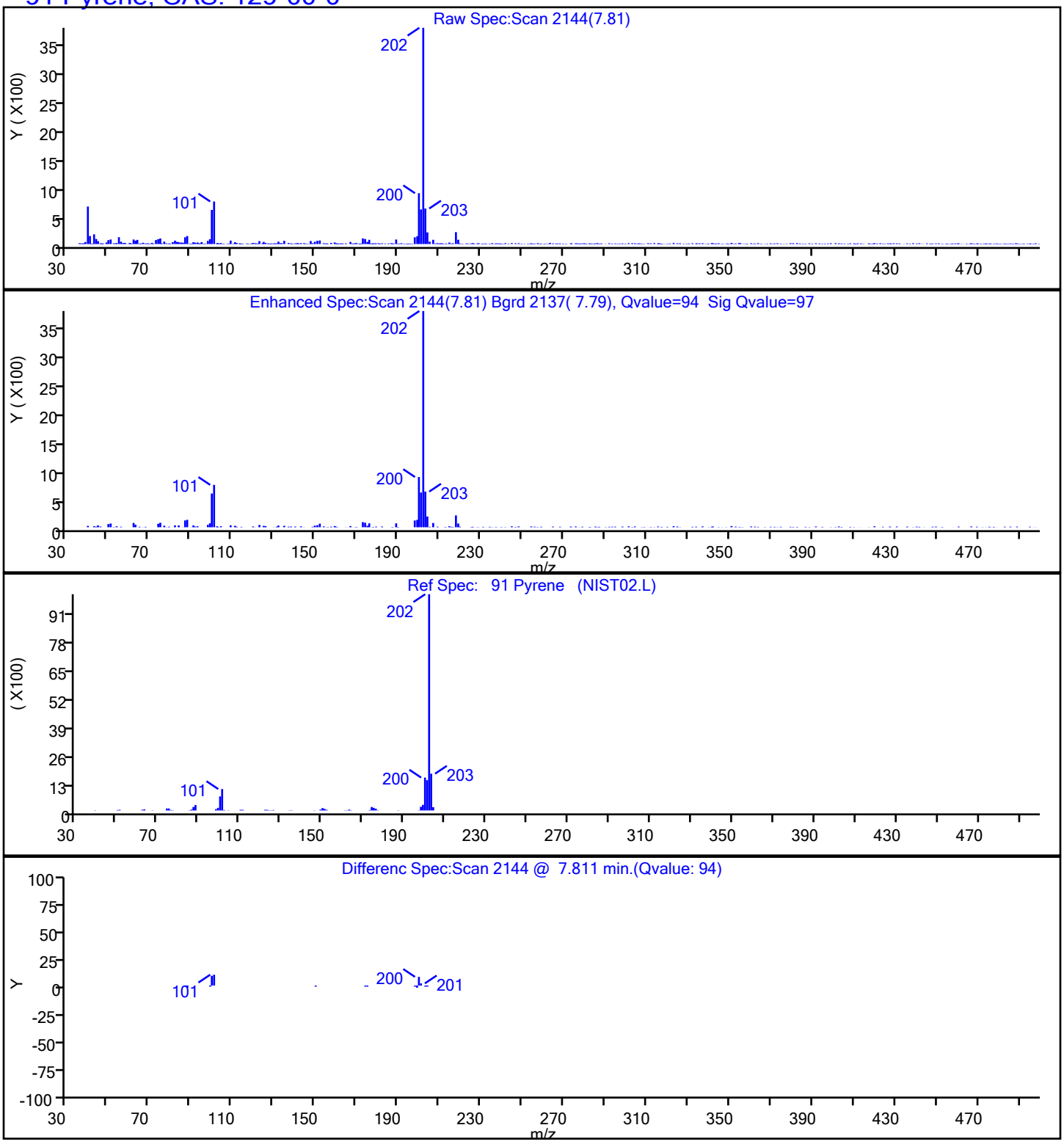
84 Phenanthrene, CAS: 85-01-8



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460984.D				
Injection Date:	07-Apr-2022 18:53:21	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-A-16-A	Lab Sample ID:	460-255715-16		
Client ID:	COMP-1				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	35
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

91 Pyrene, CAS: 129-00-0



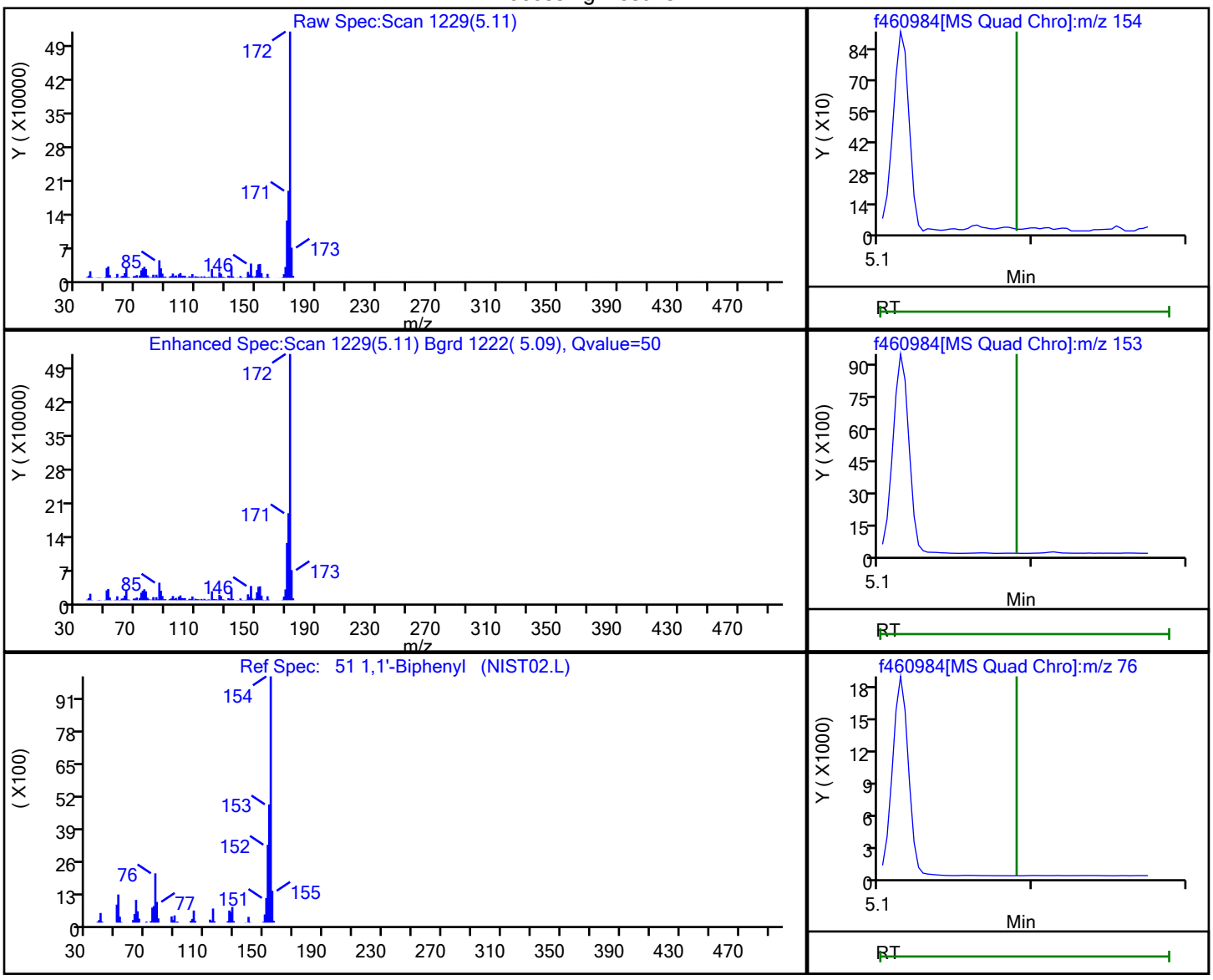
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460984.D				
Injection Date:	07-Apr-2022 18:53:21	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-A-16-A	Lab Sample ID:	460-255715-16		
Client ID:	COMP-1				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	35
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

51 1,1'-Biphenyl, CAS: 92-52-4

Processing Results



RT	Mass	Response	Amount
5.11	154.00	660	0.071861
5.11	153.00	6834	
5.11	76.00	13452	

Reviewer: hamziy, 07-Apr-2022 21:20:29

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: COMP-2 | Lab Sample ID: 460-255715-17

Matrix: Solid | Lab File ID: f460985.D

Analysis Method: 8270E | Date Collected: 04/05/2022 12:15

Extract. Method: 3546 | Date Extracted: 04/06/2022 19:30

Sample wt/vol: 15.07(g) | Date Analyzed: 04/07/2022 19:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837819 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.6	U	350	4.6
95-94-3	1,2,4,5-Tetrachlorobenzene	11	U	350	11
108-60-1	2,2'-oxybis[1-chloropropane]	6.3	U	350	6.3
58-90-2	2,3,4,6-Tetrachlorophenol	24	U	350	24
95-95-4	2,4,5-Trichlorophenol	35	U	350	35
88-06-2	2,4,6-Trichlorophenol	45	U	140	45
120-83-2	2,4-Dichlorophenol	22	U	140	22
105-67-9	2,4-Dimethylphenol	15	U	350	15
51-28-5	2,4-Dinitrophenol	170	U	280	170
121-14-2	2,4-Dinitrotoluene	37	U	70	37
606-20-2	2,6-Dinitrotoluene	25	U	70	25
91-58-7	2-Chloronaphthalene	16	U	350	16
95-57-8	2-Chlorophenol	12	U	350	12
91-57-6	2-Methylnaphthalene	9.7	U	350	9.7
95-48-7	2-Methylphenol	13	U	350	13
88-74-4	2-Nitroaniline	13	U	350	13
88-75-5	2-Nitrophenol	35	U	350	35
91-94-1	3,3'-Dichlorobenzidine	53	U	140	53
99-09-2	3-Nitroaniline	39	U	350	39
534-52-1	4,6-Dinitro-2-methylphenol	140	U	280	140
101-55-3	4-Bromophenyl phenyl ether	14	U	350	14
59-50-7	4-Chloro-3-methylphenol	19	U	350	19
106-47-8	4-Chloroaniline	62	U	350	62
7005-72-3	4-Chlorophenyl phenyl ether	12	U	350	12
106-44-5	4-Methylphenol	22	U	350	22
100-01-6	4-Nitroaniline	40	U	350	40
100-02-7	4-Nitrophenol	57	U	700	57
83-32-9	Acenaphthene	9.9	U	350	9.9
208-96-8	Acenaphthylene	7.9	J	350	3.5
98-86-2	Acetophenone	17	U	350	17
120-12-7	Anthracene	11	U	350	11
1912-24-9	Atrazine	20	U	140	20
100-52-7	Benzaldehyde	57	U	350	57
56-55-3	Benzo[a]anthracene	64		35	12
50-32-8	Benzo[a]pyrene	57		35	9.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: COMP-2 | Lab Sample ID: 460-255715-17

Matrix: Solid | Lab File ID: f460985.D

Analysis Method: 8270E | Date Collected: 04/05/2022 12:15

Extract. Method: 3546 | Date Extracted: 04/06/2022 19:30

Sample wt/vol: 15.07(g) | Date Analyzed: 04/07/2022 19:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837819 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
205-99-2	Benzo[b]fluoranthene	81		35	9.0
191-24-2	Benzo[g,h,i]perylene	45	J	350	10
207-08-9	Benzo[k]fluoranthene	33	J	35	6.8
111-91-1	Bis(2-chloroethoxy)methane	27	U	350	27
111-44-4	Bis(2-chloroethyl)ether	12	U	35	12
117-81-7	Bis(2-ethylhexyl) phthalate	18	U	350	18
85-68-7	Butyl benzyl phthalate	16	U	350	16
105-60-2	Caprolactam	54	U	350	54
86-74-8	Carbazole	13	U	350	13
218-01-9	Chrysene	65	J	350	5.9
53-70-3	Dibenz(a,h)anthracene	15	U	35	15
132-64-9	Dibenzofuran	4.9	U	350	4.9
84-66-2	Diethyl phthalate	5.0	U	350	5.0
131-11-3	Dimethyl phthalate	79	U	350	79
84-74-2	Di-n-butyl phthalate	13	U	350	13
117-84-0	Di-n-octyl phthalate	18	U	350	18
206-44-0	Fluoranthene	110	J	350	12
86-73-7	Fluorene	4.7	U	350	4.7
118-74-1	Hexachlorobenzene	17	U	35	17
87-68-3	Hexachlorobutadiene	7.4	U	70	7.4
77-47-4	Hexachlorocyclopentadiene	30	U	350	30
67-72-1	Hexachloroethane	12	U	35	12
193-39-5	Indeno[1,2,3-cd]pyrene	76		35	14
78-59-1	Isophorone	100	U	140	100
91-20-3	Naphthalene	6.0	U	350	6.0
98-95-3	Nitrobenzene	8.3	U	35	8.3
621-64-7	N-Nitrosodi-n-propylamine	25	U	35	25
86-30-6	N-Nitrosodiphenylamine	29	U	350	29
87-86-5	Pentachlorophenol	71	U	280	71
85-01-8	Phenanthrene	41	J	350	6.1
108-95-2	Phenol	13	U	350	13
129-00-0	Pyrene	110	J	350	8.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: COMP-2 | Lab Sample ID: 460-255715-17

Matrix: Solid | Lab File ID: f460985.D

Analysis Method: 8270E | Date Collected: 04/05/2022 12:15

Extract. Method: 3546 | Date Extracted: 04/06/2022 19:30

Sample wt/vol: 15.07(g) | Date Analyzed: 04/07/2022 19:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837819 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	86		10-123
321-60-8	2-Fluorobiphenyl	76		14-103
367-12-4	2-Fluorophenol (Surr)	72		10-105
4165-60-0	Nitrobenzene-d5 (Surr)	74		11-104
4165-62-2	Phenol-d5 (Surr)	74		15-100
1718-51-0	Terphenyl-d14 (Surr)	91		12-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460985.D
Lims ID: 460-255715-A-17-A
Client ID: COMP-2
Sample Type: Client
Inject. Date: 07-Apr-2022 19:10:42 ALS Bottle#: 0 Worklist Smp#: 36
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143724-036
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 08-Apr-2022 16:34:09 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: hamziy Date: 07-Apr-2022 21:21:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 5 2-Fluorophenol	112	2.421	2.415	0.005	93	142476	36.0	
$ 8 Phenol-d5	99	3.032	3.034	-0.003	99	178687	36.8	
* 15 1,4-Dichlorobenzene-d4	152	3.312	3.312	0.000	98	111443	40.0	
$ 26 Nitrobenzene-d5	82	3.725	3.725	-0.003	91	162512	36.9	
* 36 Naphthalene-d8	136	4.274	4.277	-0.003	100	431524	40.0	
$ 50 2-Fluorobiphenyl	172	5.114	5.112	-0.002	97	339031	38.2	
59 Acenaphthylene	152	5.509	5.508	-0.002	89	1275	0.1134	
* 61 Acenaphthene-d10	164	5.618	5.620	-0.002	96	249429	40.0	
$ 76 2,4,6-Tribromophenol	330	6.211	6.213	-0.006	95	71317	43.1	
* 83 Phenanthrene-d10	188	6.736	6.740	-0.004	99	470388	40.0	
84 Phenanthrene	178	6.751	6.753	-0.007	96	7222	0.5886	
89 Fluoranthene	202	7.642	7.645	-0.008	97	20774	1.57	
91 Pyrene	202	7.811	7.810	-0.005	96	19677	1.52	
$ 93 Terphenyl-d14	244	7.946	7.943	-0.003	97	500211	45.7	
100 Benzo[a]anthracene	228	8.771	8.771	-0.006	50	11345	0.9103	
* 98 Chrysene-d12	240	8.780	8.786	-0.006	99	411401	40.0	
101 Chrysene	228	8.800	8.803	-0.009	68	11603	0.9335	
104 Benzo[b]fluoranthene	252	9.799	9.829	-0.008	96	13125	1.16	
105 Benzo[k]fluoranthene	252	9.823	9.823	-0.013	1	6356	0.4739	M
106 Benzo[a]pyrene	252	10.130	10.140	-0.008	94	9230	0.8075	
* 107 Perylene-d12	264	10.193	10.198	-0.005	99	445391	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.311	11.307	-0.010	87	7649	1.09	
110 Benzo[g,h,i]perylene	276	11.589	11.594	-0.019	90	7909	0.6377	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

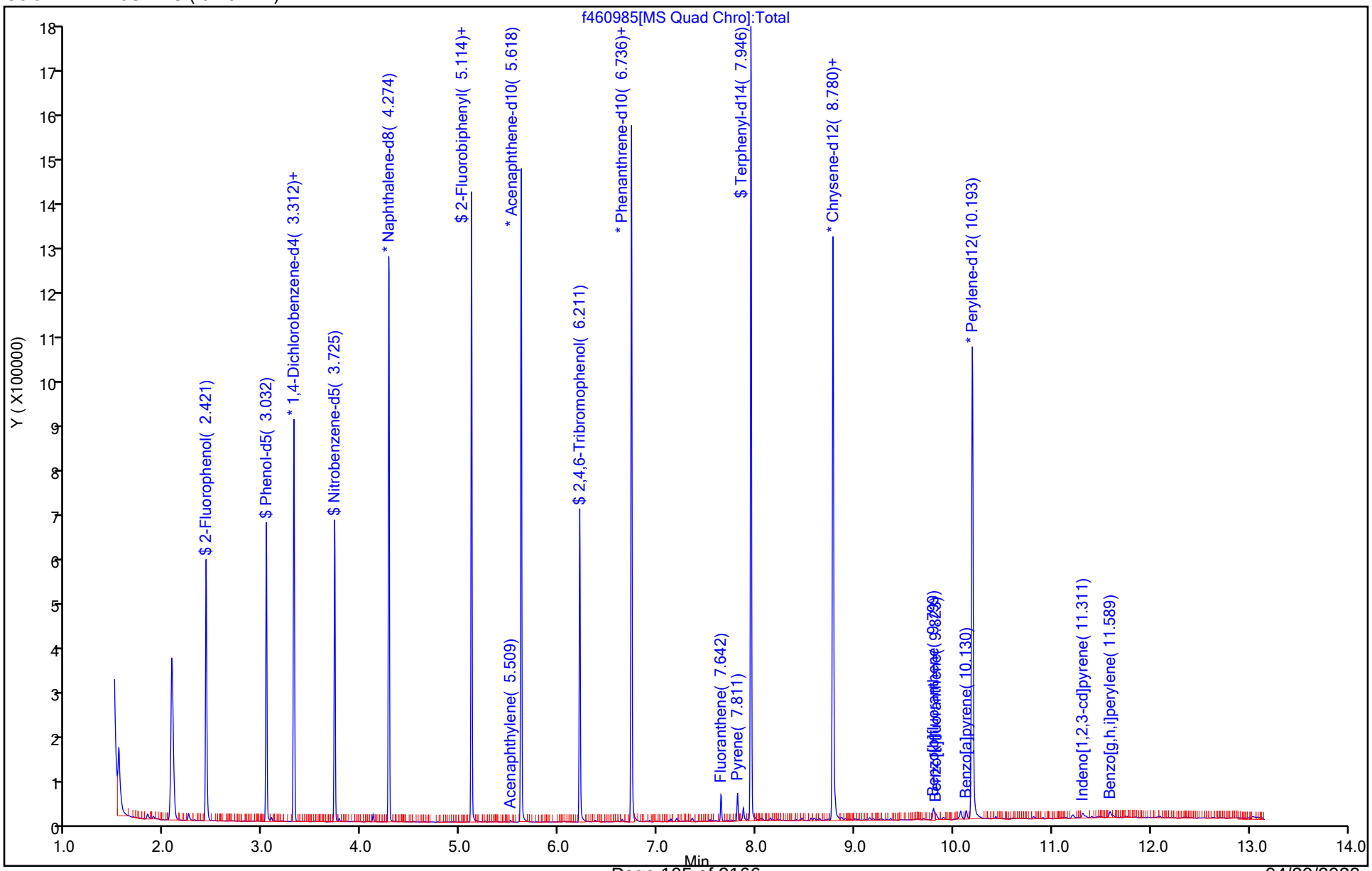
Report Date: 08-Apr-2022 16:34:09 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460985.D

Injection Date:	07-Apr-2022 19:10:42	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	460-255715-A-17-A	Lab Sample ID:	460-255715-17	Worklist Smp#:	36
Client ID:	COMP-2				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460985.D
Lims ID: 460-255715-A-17-A
Client ID: COMP-2
Sample Type: Client
Inject. Date: 07-Apr-2022 19:10:42 ALS Bottle#: 0 Worklist Smp#: 36
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143724-036
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 08-Apr-2022 16:34:09 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1611

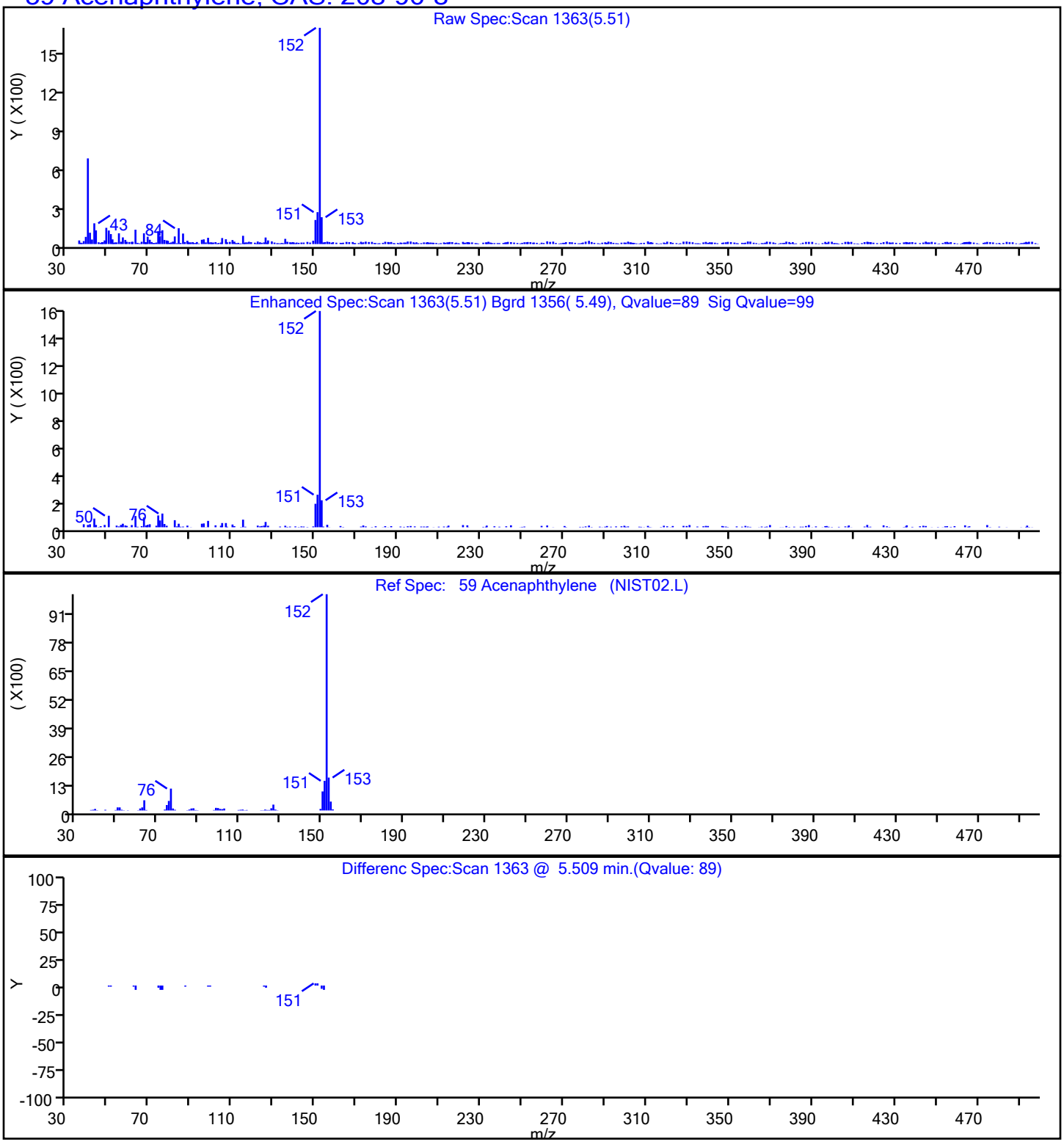
First Level Reviewer: hamziy Date: 07-Apr-2022 21:21:01

Compound	Amount Added	Amount Recovered	% Rec.
$ 5 2-Fluorophenol	50.0	36.0	71.92
$ 8 Phenol-d5	50.0	36.8	73.56
$ 26 Nitrobenzene-d5	50.0	36.9	73.86
$ 50 2-Fluorobiphenyl	50.0	38.2	76.43
$ 76 2,4,6-Tribromophenol	50.0	43.1	86.17
$ 93 Terphenyl-d14	50.0	45.7	91.45

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460985.D				
Injection Date:	07-Apr-2022 19:10:42	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-A-17-A	Lab Sample ID:	460-255715-17		
Client ID:	COMP-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	36
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

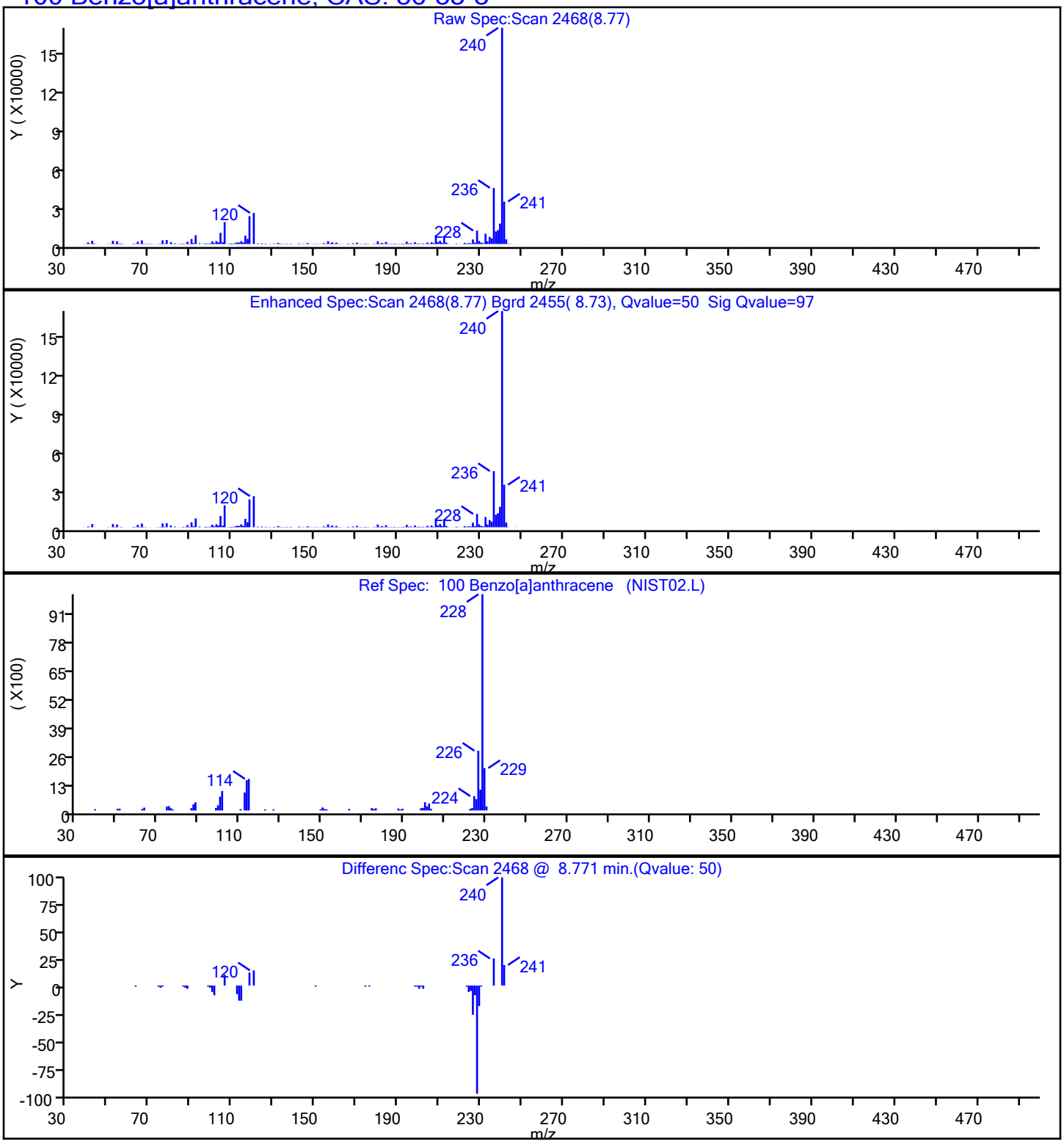
59 Acenaphthylene, CAS: 208-96-8



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460985.D				
Injection Date:	07-Apr-2022 19:10:42	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-A-17-A	Lab Sample ID:	460-255715-17		
Client ID:	COMP-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	36
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

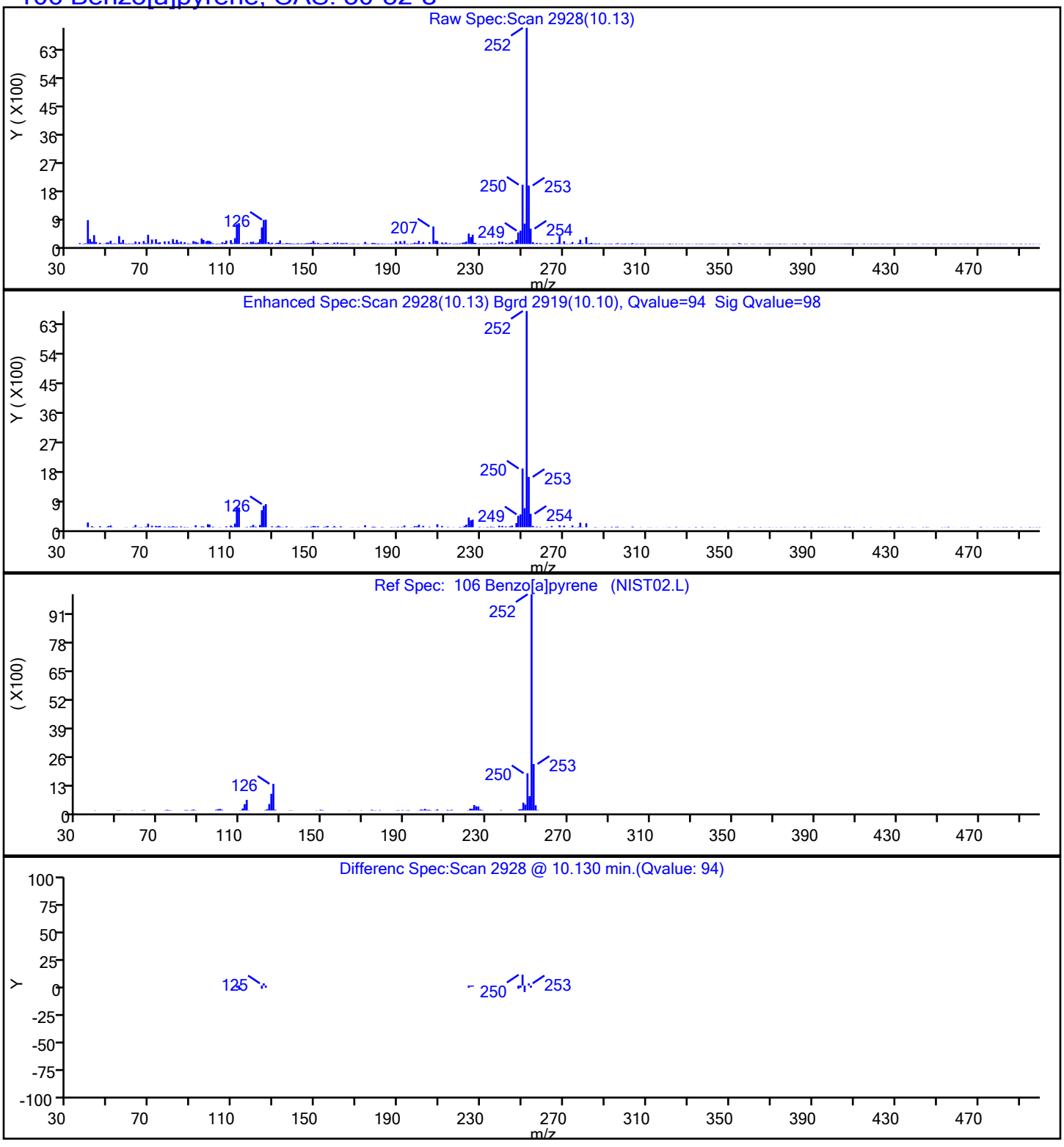
100 Benzo[a]anthracene, CAS: 56-55-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460985.D				
Injection Date:	07-Apr-2022 19:10:42	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-A-17-A	Lab Sample ID:	460-255715-17		
Client ID:	COMP-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	36
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

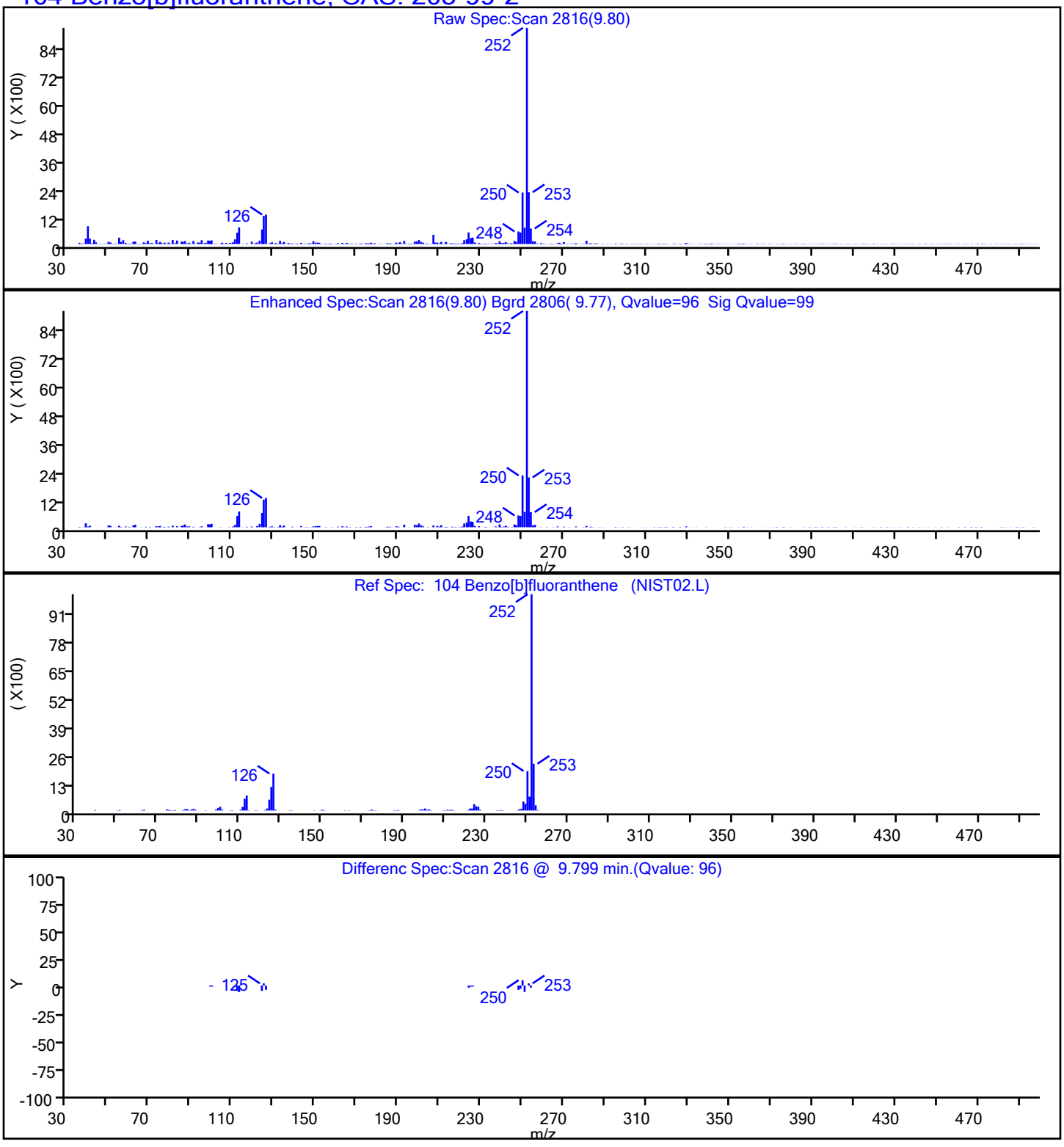
106 Benzo[a]pyrene, CAS: 50-32-8



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460985.D				
Injection Date:	07-Apr-2022 19:10:42	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-A-17-A	Lab Sample ID:	460-255715-17		
Client ID:	COMP-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	36
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

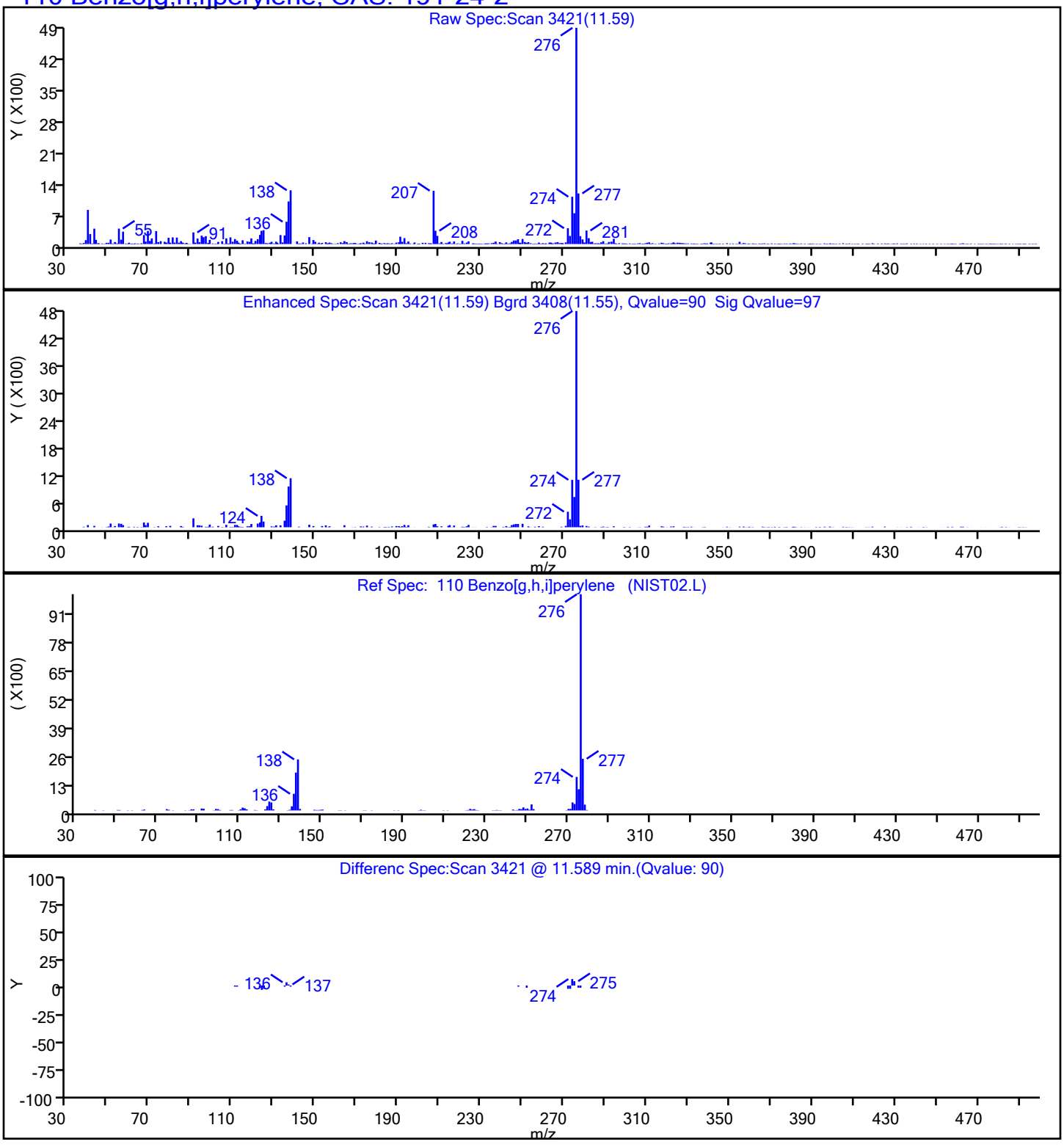
104 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460985.D				
Injection Date:	07-Apr-2022 19:10:42	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-A-17-A	Lab Sample ID:	460-255715-17		
Client ID:	COMP-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	36
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

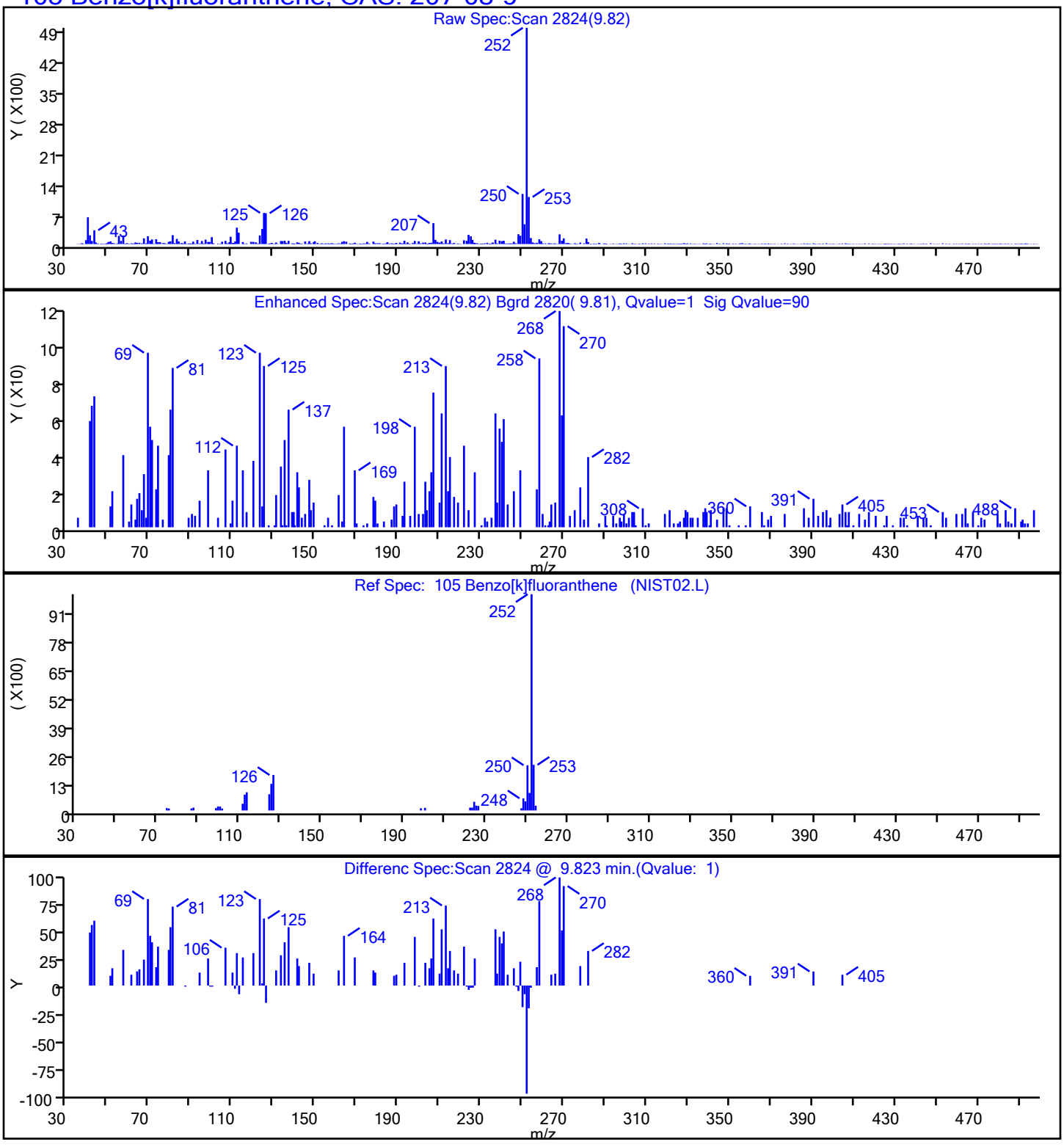
110 Benzo[g,h,i]perylene, CAS: 191-24-2



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460985.D				
Injection Date:	07-Apr-2022 19:10:42	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-A-17-A	Lab Sample ID:	460-255715-17		
Client ID:	COMP-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	36
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

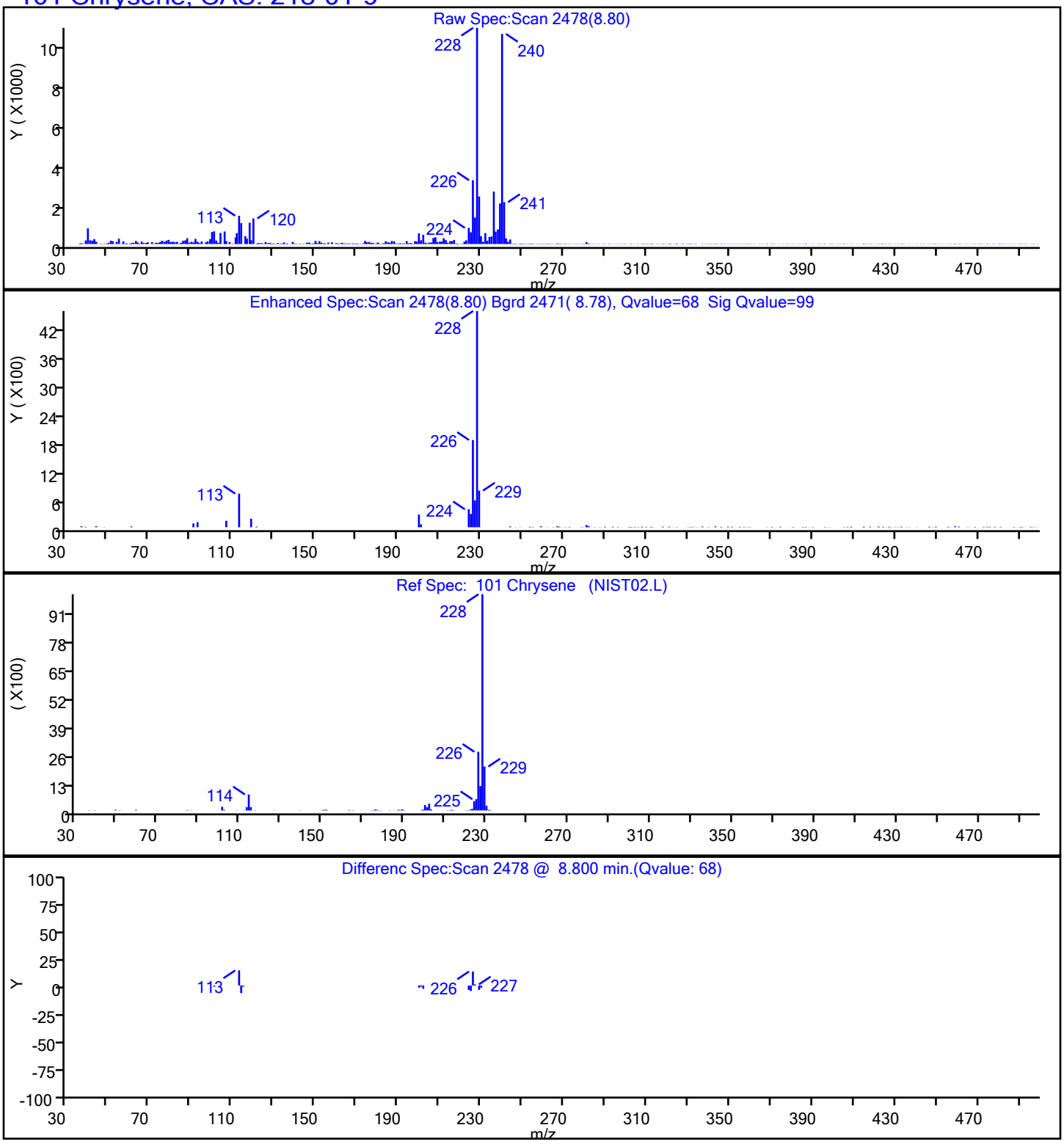
105 Benzo[k]fluoranthene, CAS: 207-08-9



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460985.D				
Injection Date:	07-Apr-2022 19:10:42	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-A-17-A	Lab Sample ID:	460-255715-17		
Client ID:	COMP-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	36
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Chrysene, CAS: 218-01-9



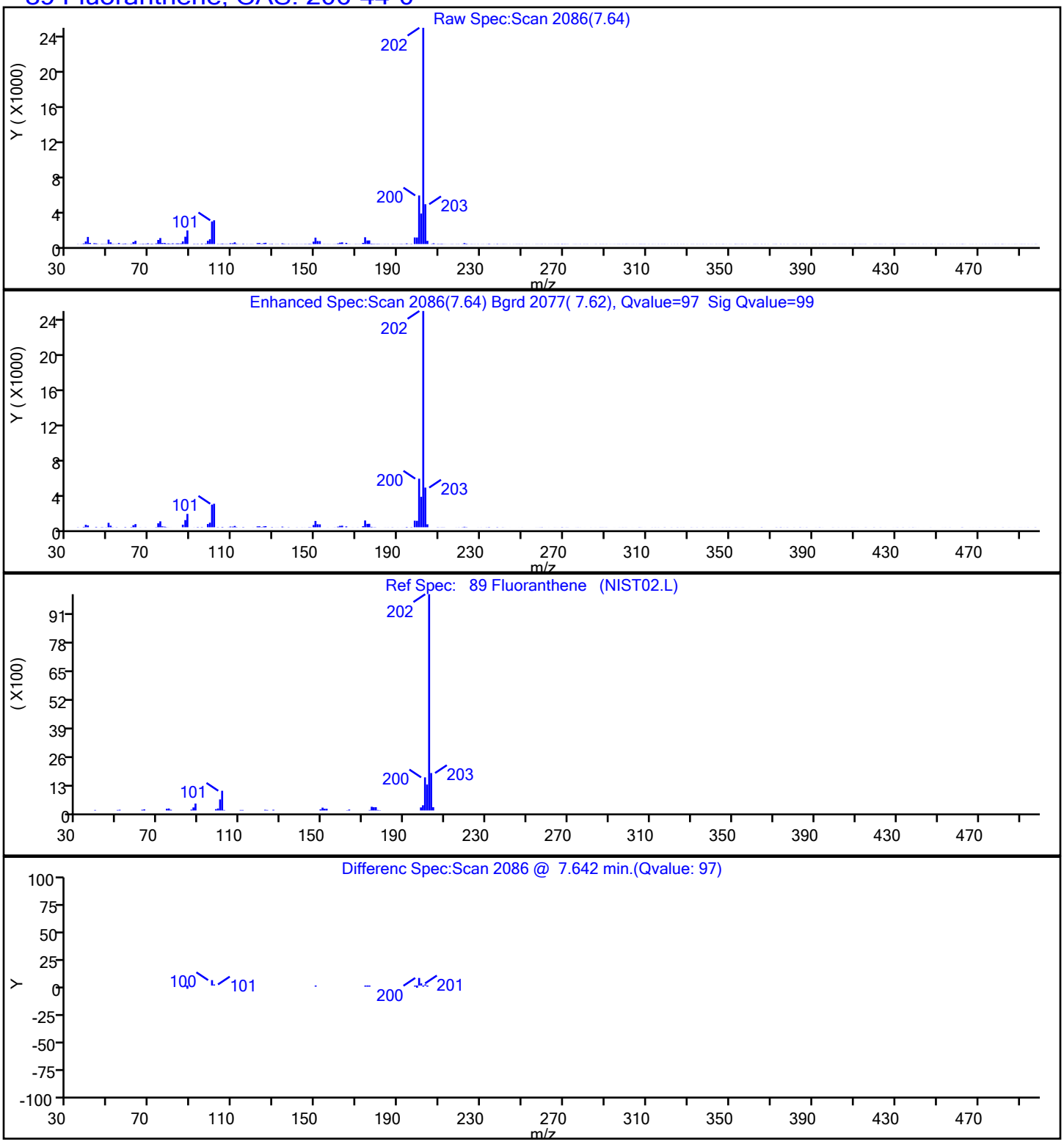
Report Date: 08-Apr-2022 16:34:09 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460985.D

Injection Date:	07-Apr-2022 19:10:42	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-A-17-A	Lab Sample ID:	460-255715-17		
Client ID:	COMP-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	36
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

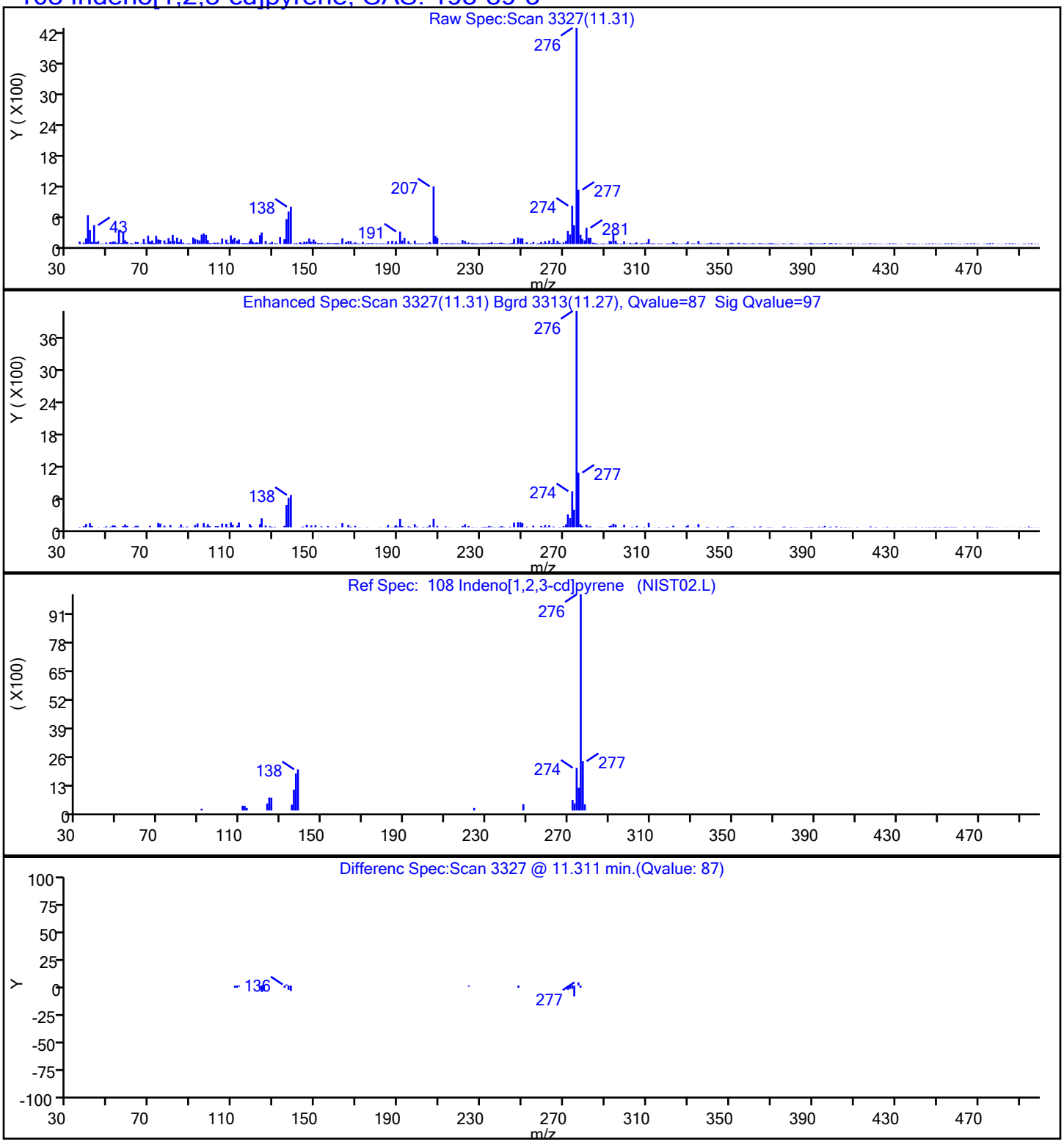
89 Fluoranthene, CAS: 206-44-0



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460985.D				
Injection Date:	07-Apr-2022 19:10:42	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-A-17-A	Lab Sample ID:	460-255715-17		
Client ID:	COMP-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	36
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

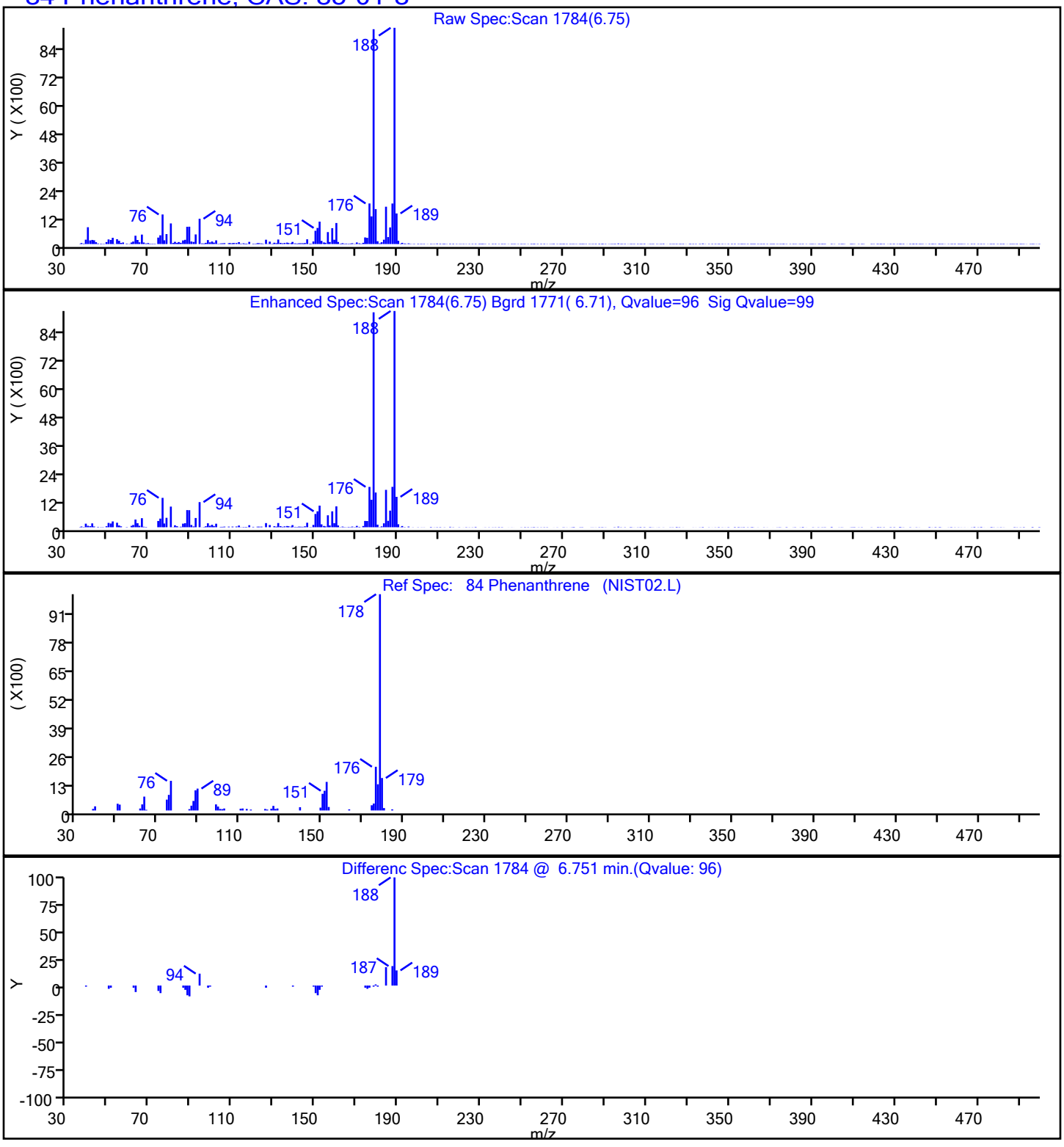
108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460985.D				
Injection Date:	07-Apr-2022 19:10:42	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-A-17-A	Lab Sample ID:	460-255715-17		
Client ID:	COMP-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	36
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

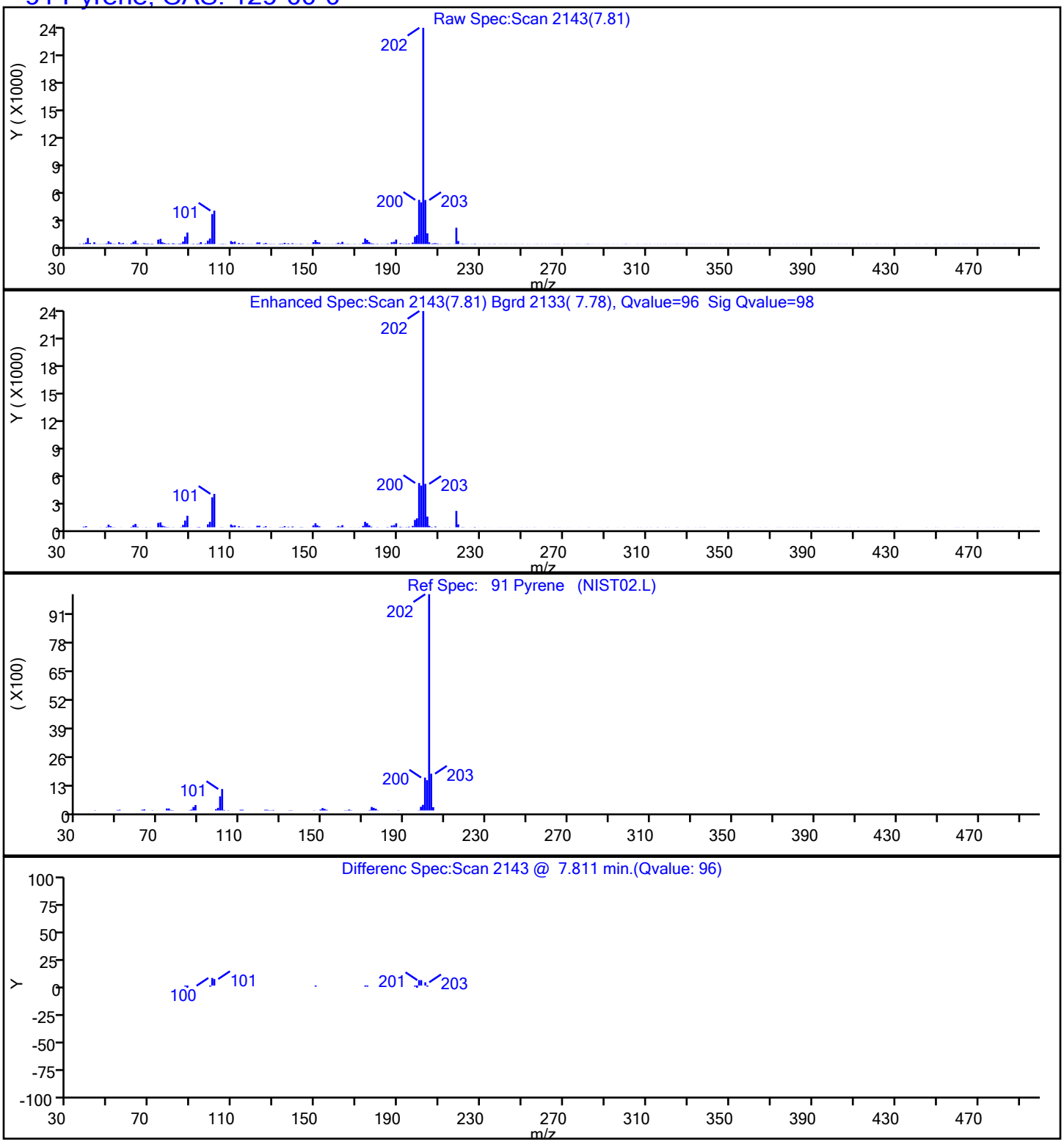
84 Phenanthrene, CAS: 85-01-8



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460985.D				
Injection Date:	07-Apr-2022 19:10:42	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-A-17-A	Lab Sample ID:	460-255715-17		
Client ID:	COMP-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	36
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

91 Pyrene, CAS: 129-00-0



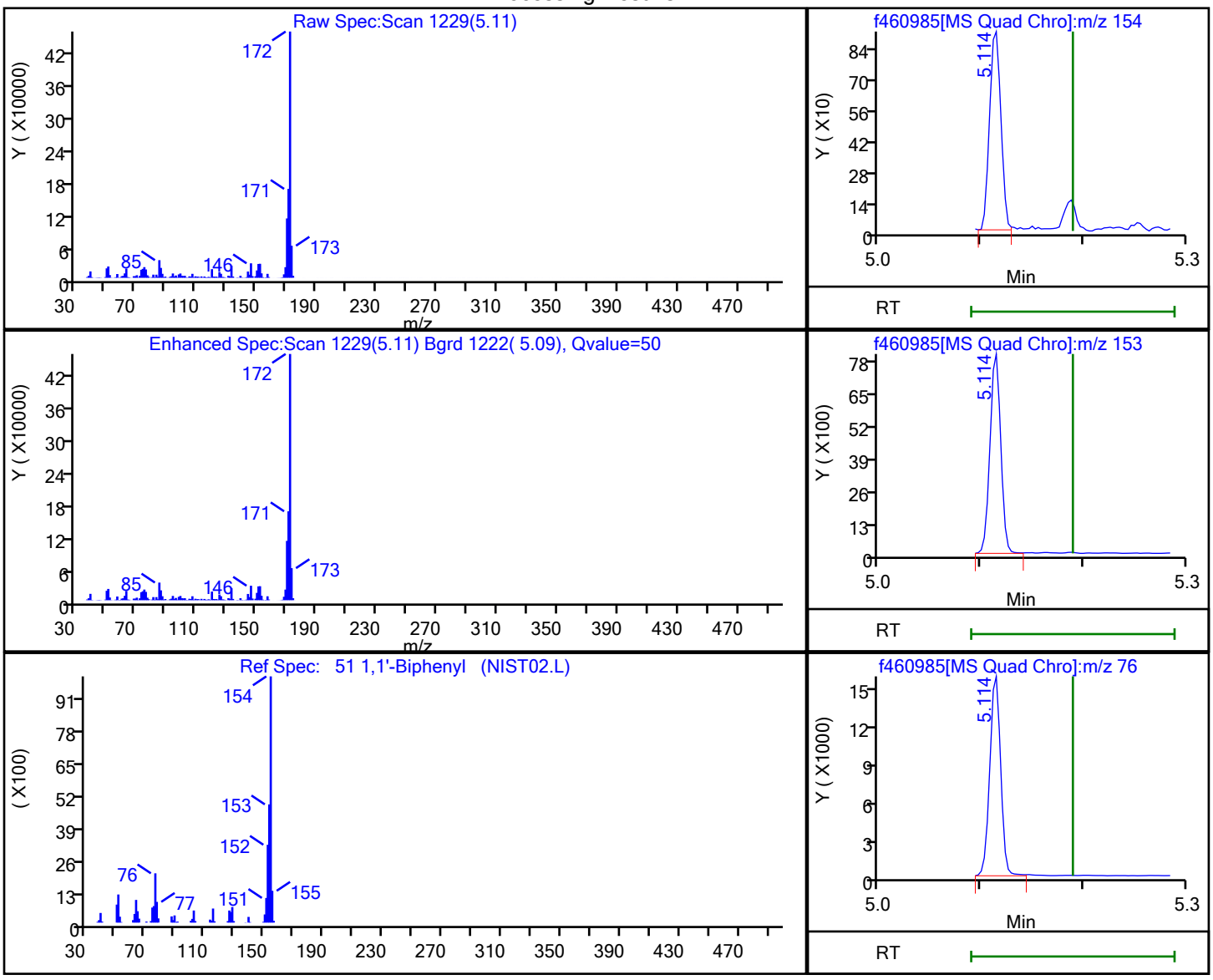
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460985.D				
Injection Date:	07-Apr-2022 19:10:42	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-A-17-A	Lab Sample ID:	460-255715-17		
Client ID:	COMP-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	36
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

51 1,1'-Biphenyl, CAS: 92-52-4

Processing Results



RT	Mass	Response	Amount
5.11	154.00	702	0.077078
5.11	153.00	5949	
5.11	76.00	11390	

Reviewer: hamziy, 07-Apr-2022 21:20:47

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

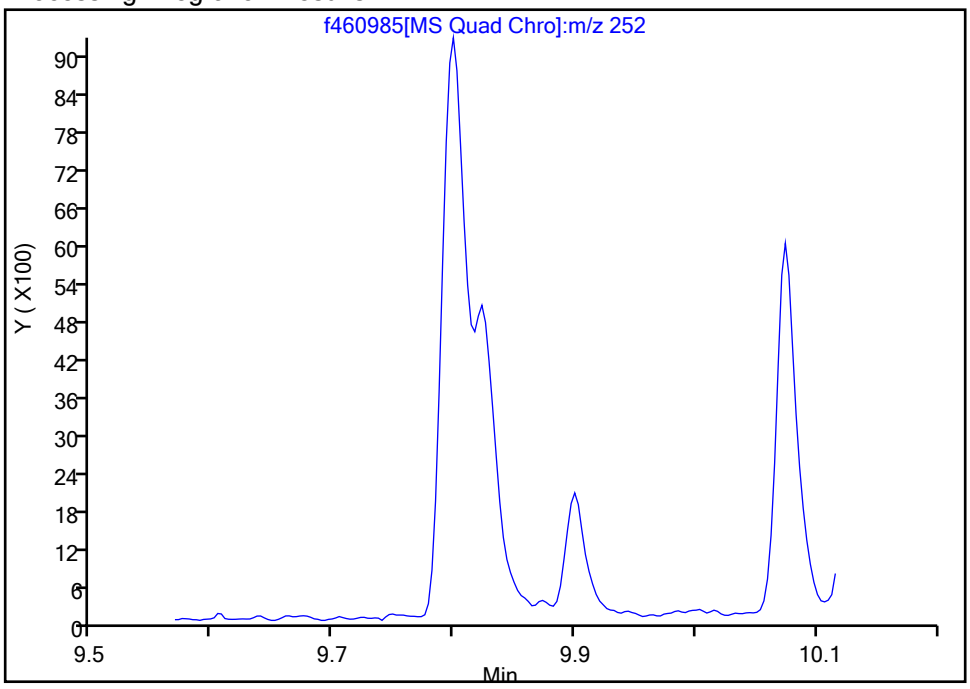
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460985.D				
Injection Date:	07-Apr-2022 19:10:42	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-A-17-A	Lab Sample ID:	460-255715-17		
Client ID:	COMP-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	36
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

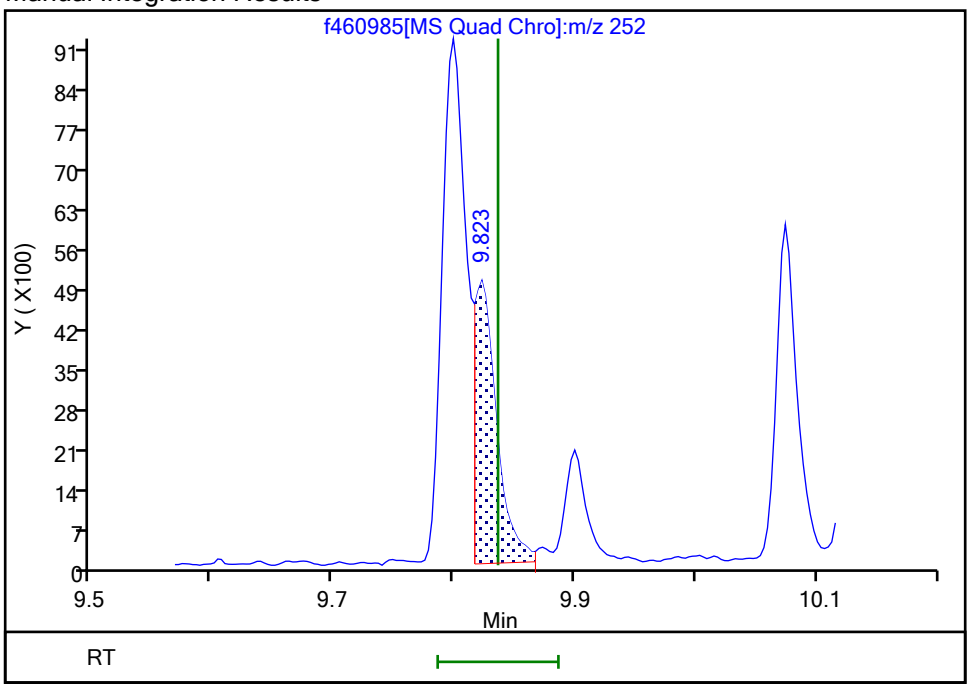
Not Detected
Expected RT: 9.84

Processing Integration Results



Manual Integration Results

RT: 9.82
Area: 6356
Amount: 0.473860
Amount Units: ug/ml



Reviewer: khlungprakhons, 08-Apr-2022 16:34:02
Audit Action: Manually Integrated Audit Reason: Assign Peak

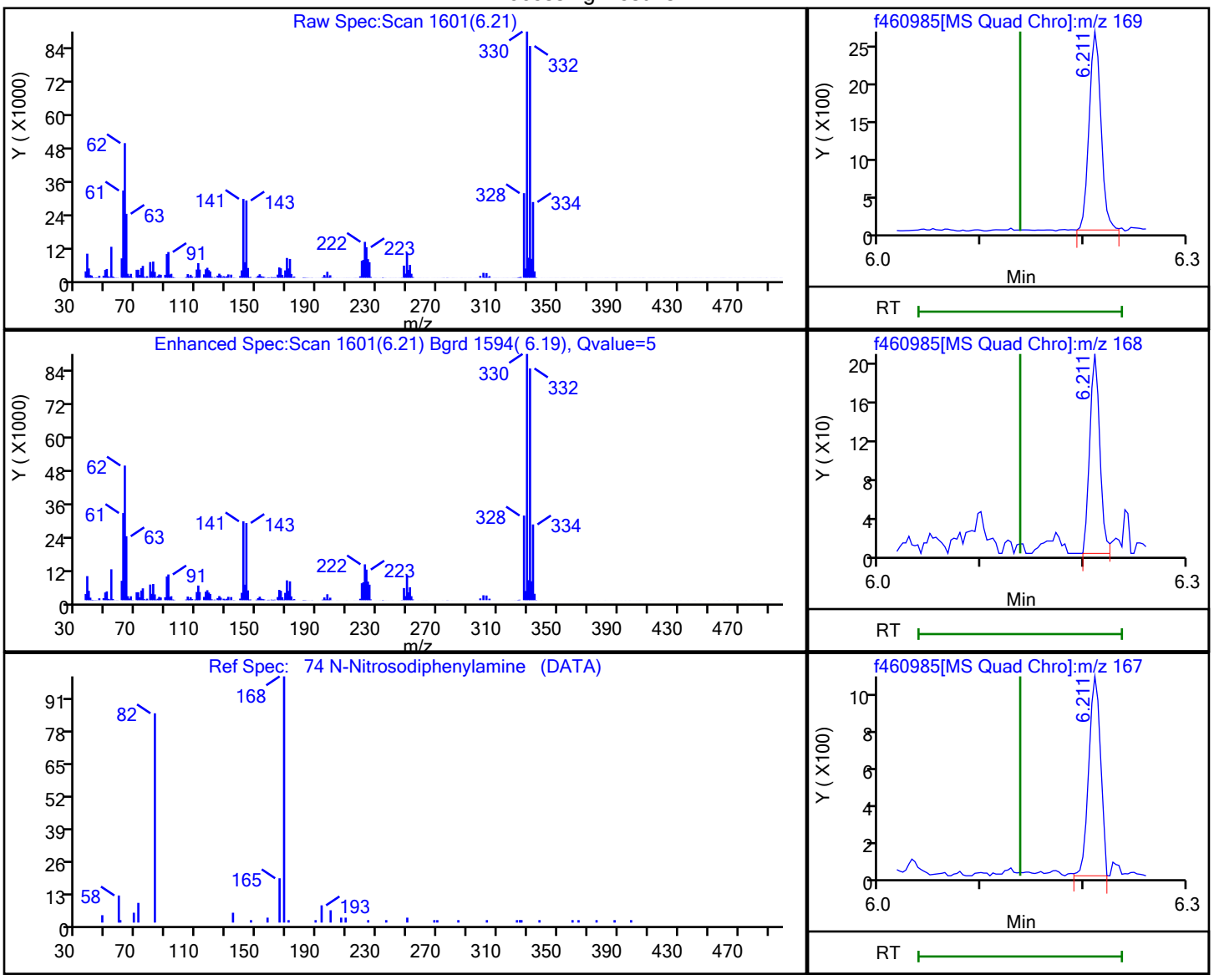
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460985.D				
Injection Date:	07-Apr-2022 19:10:42	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-A-17-A	Lab Sample ID:	460-255715-17		
Client ID:	COMP-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	36
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

74 N-Nitrosodiphenylamine, CAS: 86-30-6

Processing Results



RT	Mass	Response	Amount
6.21	169.00	2134	0.345587
6.21	168.00	145	
6.21	167.00	838	

Reviewer: khlungprakhons, 08-Apr-2022 16:33:36

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: COMP-3 | Lab Sample ID: 460-255715-18

Matrix: Solid | Lab File ID: f460986.D

Analysis Method: 8270E | Date Collected: 04/05/2022 13:35

Extract. Method: 3546 | Date Extracted: 04/06/2022 19:30

Sample wt/vol: 15.06(g) | Date Analyzed: 04/07/2022 19:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837819 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.7	U	350	4.7
95-94-3	1,2,4,5-Tetrachlorobenzene	11	U	350	11
108-60-1	2,2'-oxybis[1-chloropropane]	6.4	U	350	6.4
58-90-2	2,3,4,6-Tetrachlorophenol	24	U	350	24
95-95-4	2,4,5-Trichlorophenol	36	U	350	36
88-06-2	2,4,6-Trichlorophenol	45	U	140	45
120-83-2	2,4-Dichlorophenol	23	U	140	23
105-67-9	2,4-Dimethylphenol	15	U	350	15
51-28-5	2,4-Dinitrophenol	170	U	280	170
121-14-2	2,4-Dinitrotoluene	38	U	71	38
606-20-2	2,6-Dinitrotoluene	25	U	71	25
91-58-7	2-Chloronaphthalene	16	U	350	16
95-57-8	2-Chlorophenol	12	U	350	12
91-57-6	2-Methylnaphthalene	9.8	U	350	9.8
95-48-7	2-Methylphenol	13	U	350	13
88-74-4	2-Nitroaniline	13	U	350	13
88-75-5	2-Nitrophenol	35	U	350	35
91-94-1	3,3'-Dichlorobenzidine	53	U	140	53
99-09-2	3-Nitroaniline	40	U	350	40
534-52-1	4,6-Dinitro-2-methylphenol	140	U	280	140
101-55-3	4-Bromophenyl phenyl ether	14	U	350	14
59-50-7	4-Chloro-3-methylphenol	20	U	350	20
106-47-8	4-Chloroaniline	62	U	350	62
7005-72-3	4-Chlorophenyl phenyl ether	12	U	350	12
106-44-5	4-Methylphenol	22	U	350	22
100-01-6	4-Nitroaniline	40	U	350	40
100-02-7	4-Nitrophenol	57	U	710	57
83-32-9	Acenaphthene	10	U	350	10
208-96-8	Acenaphthylene	3.5	U	350	3.5
98-86-2	Acetophenone	17	U	350	17
120-12-7	Anthracene	11	U	350	11
1912-24-9	Atrazine	21	U	140	21
100-52-7	Benzaldehyde	58	U	350	58
56-55-3	Benzo[a]anthracene	17	J	35	12
50-32-8	Benzo[a]pyrene	9.4	U	35	9.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: COMP-3 | Lab Sample ID: 460-255715-18

Matrix: Solid | Lab File ID: f460986.D

Analysis Method: 8270E | Date Collected: 04/05/2022 13:35

Extract. Method: 3546 | Date Extracted: 04/06/2022 19:30

Sample wt/vol: 15.06(g) | Date Analyzed: 04/07/2022 19:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837819 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
205-99-2	Benzo[b]fluoranthene	11	J	35	9.1
191-24-2	Benzo[g,h,i]perylene	10	U	350	10
207-08-9	Benzo[k]fluoranthene	6.9	U	35	6.9
111-91-1	Bis(2-chloroethoxy)methane	27	U	350	27
111-44-4	Bis(2-chloroethyl)ether	12	U	35	12
117-81-7	Bis(2-ethylhexyl) phthalate	19	U	350	19
85-68-7	Butyl benzyl phthalate	16	U	350	16
105-60-2	Caprolactam	55	U	350	55
86-74-8	Carbazole	13	U	350	13
218-01-9	Chrysene	10	J	350	5.9
53-70-3	Dibenz(a,h)anthracene	15	U	35	15
132-64-9	Dibenzofuran	4.9	U	350	4.9
84-66-2	Diethyl phthalate	5.1	U	350	5.1
131-11-3	Dimethyl phthalate	80	U	350	80
84-74-2	Di-n-butyl phthalate	13	U	350	13
117-84-0	Di-n-octyl phthalate	19	U	350	19
206-44-0	Fluoranthene	16	J	350	12
86-73-7	Fluorene	4.8	U	350	4.8
118-74-1	Hexachlorobenzene	17	U	35	17
87-68-3	Hexachlorobutadiene	7.5	U	71	7.5
77-47-4	Hexachlorocyclopentadiene	31	U	350	31
67-72-1	Hexachloroethane	12	U	35	12
193-39-5	Indeno[1,2,3-cd]pyrene	14	U	35	14
78-59-1	Isophorone	100	U	140	100
91-20-3	Naphthalene	6.1	U	350	6.1
98-95-3	Nitrobenzene	8.4	U	35	8.4
621-64-7	N-Nitrosodi-n-propylamine	26	U	35	26
86-30-6	N-Nitrosodiphenylamine	29	U	350	29
87-86-5	Pentachlorophenol	72	U	280	72
85-01-8	Phenanthrene	11	J	350	6.2
108-95-2	Phenol	13	U	350	13
129-00-0	Pyrene	17	J	350	8.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: COMP-3 | Lab Sample ID: 460-255715-18

Matrix: Solid | Lab File ID: f460986.D

Analysis Method: 8270E | Date Collected: 04/05/2022 13:35

Extract. Method: 3546 | Date Extracted: 04/06/2022 19:30

Sample wt/vol: 15.06(g) | Date Analyzed: 04/07/2022 19:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837819 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	89		10-123
321-60-8	2-Fluorobiphenyl	84		14-103
367-12-4	2-Fluorophenol (Surr)	81		10-105
4165-60-0	Nitrobenzene-d5 (Surr)	82		11-104
4165-62-2	Phenol-d5 (Surr)	83		15-100
1718-51-0	Terphenyl-d14 (Surr)	91		12-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460986.D
Lims ID: 460-255715-D-18-A
Client ID: COMP-3
Sample Type: Client
Inject. Date: 07-Apr-2022 19:28:05 ALS Bottle#: 0 Worklist Smp#: 37
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143724-037
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 08-Apr-2022 16:34:55 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: hamziy Date: 07-Apr-2022 21:21:19

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 5 2-Fluorophenol	112	2.421	2.415	0.005	92	153223	40.4	
$ 8 Phenol-d5	99	3.033	3.034	-0.002	99	193030	41.5	
* 15 1,4-Dichlorobenzene-d4	152	3.313	3.312	0.001	98	106779	40.0	
$ 26 Nitrobenzene-d5	82	3.726	3.725	-0.002	91	175258	41.2	
* 36 Naphthalene-d8	136	4.274	4.277	-0.003	100	417155	40.0	
$ 50 2-Fluorobiphenyl	172	5.113	5.112	-0.003	97	356186	42.0	
* 61 Acenaphthene-d10	164	5.615	5.620	-0.005	96	238219	40.0	
$ 76 2,4,6-Tribromophenol	330	6.210	6.213	-0.007	95	70392	44.5	
* 83 Phenanthrene-d10	188	6.733	6.740	-0.007	99	452679	40.0	
84 Phenanthrene	178	6.750	6.753	-0.008	7	1867	0.1581	
89 Fluoranthene	202	7.642	7.645	-0.008	93	2899	0.2282	
91 Pyrene	202	7.810	7.810	-0.006	93	3098	0.2453	
$ 93 Terphenyl-d14	244	7.946	7.943	-0.003	97	484854	45.4	
100 Benzo[a]anthracene	228	8.774	8.771	-0.003	45	2884	0.2369	
* 98 Chrysene-d12	240	8.777	8.786	-0.009	99	401923	40.0	
101 Chrysene	228	8.800	8.803	-0.009	61	1760	0.1449	
104 Benzo[b]fluoranthene	252	9.795	9.829	-0.012	89	1676	0.1540	
106 Benzo[a]pyrene	252	10.129	10.140	-0.009	86	1329	0.1207	
* 107 Perylene-d12	264	10.188	10.198	-0.010	99	429045	40.0	

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

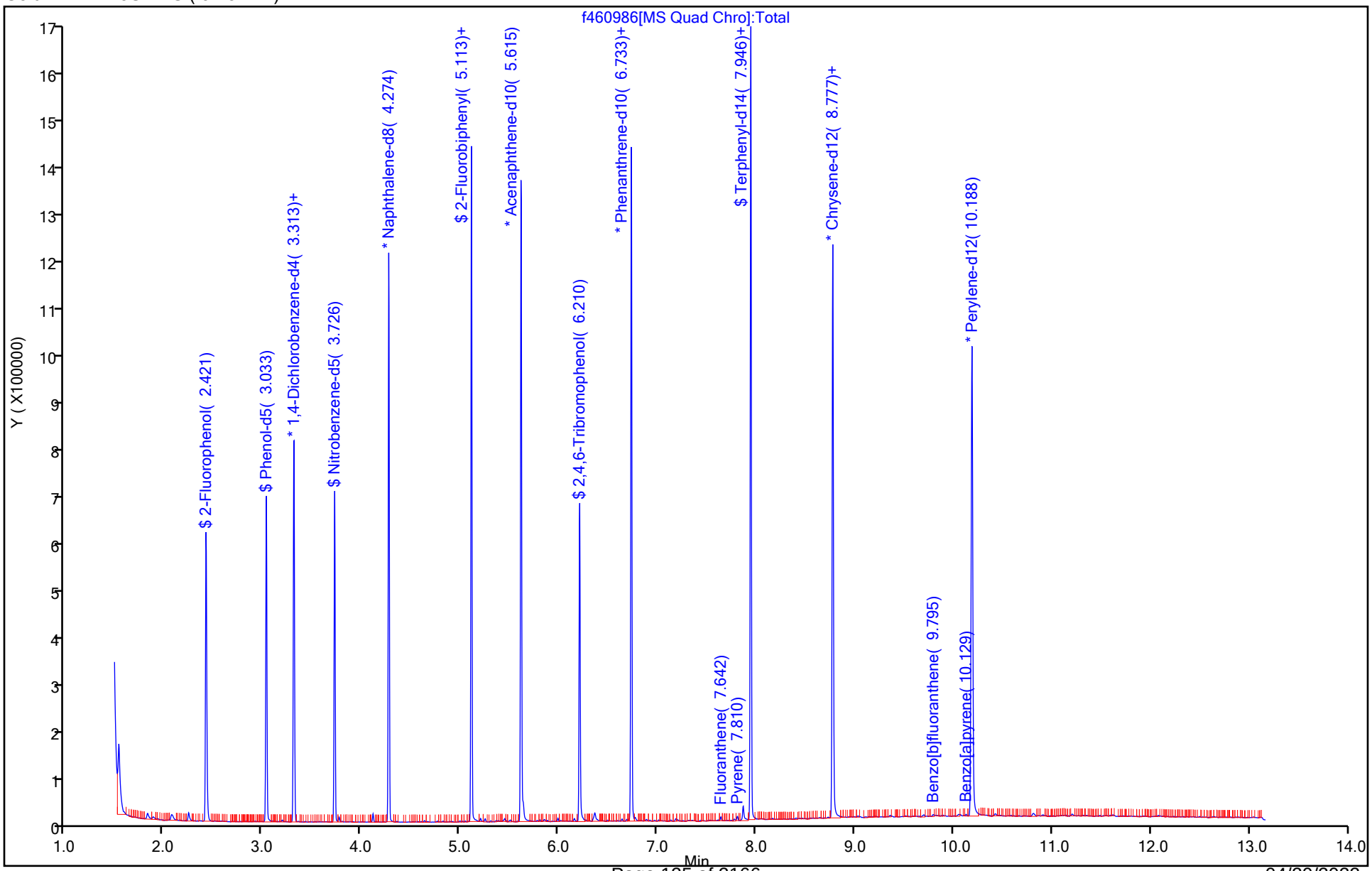
Report Date: 08-Apr-2022 16:34:55 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460986.D

Injection Date:	07-Apr-2022 19:28:05	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	460-255715-D-18-A	Lab Sample ID:	460-255715-18	Worklist Smp#:	37
Client ID:	COMP-3				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460986.D
Lims ID: 460-255715-D-18-A
Client ID: COMP-3
Sample Type: Client
Inject. Date: 07-Apr-2022 19:28:05 ALS Bottle#: 0 Worklist Smp#: 37
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143724-037
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 08-Apr-2022 16:34:55 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1611

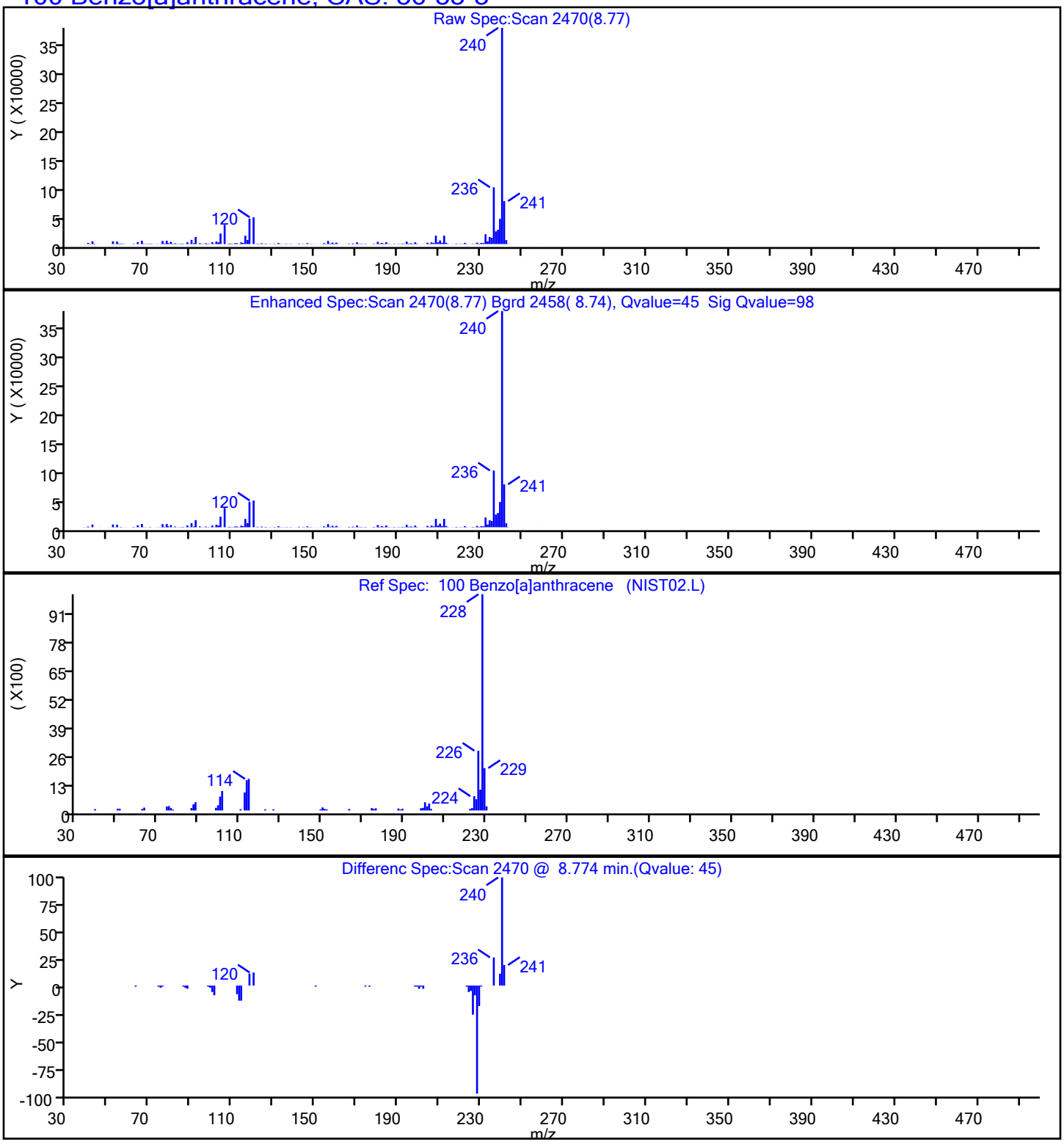
First Level Reviewer: hamziy Date: 07-Apr-2022 21:21:19

Compound	Amount Added	Amount Recovered	% Rec.
$ 5 2-Fluorophenol	50.0	40.4	80.73
$ 8 Phenol-d5	50.0	41.5	82.94
$ 26 Nitrobenzene-d5	50.0	41.2	82.39
$ 50 2-Fluorobiphenyl	50.0	42.0	84.07
$ 76 2,4,6-Tribromophenol	50.0	44.5	89.06
$ 93 Terphenyl-d14	50.0	45.4	90.74

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460986.D				
Injection Date:	07-Apr-2022 19:28:05	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-D-18-A	Lab Sample ID:	460-255715-18		
Client ID:	COMP-3				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	37
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

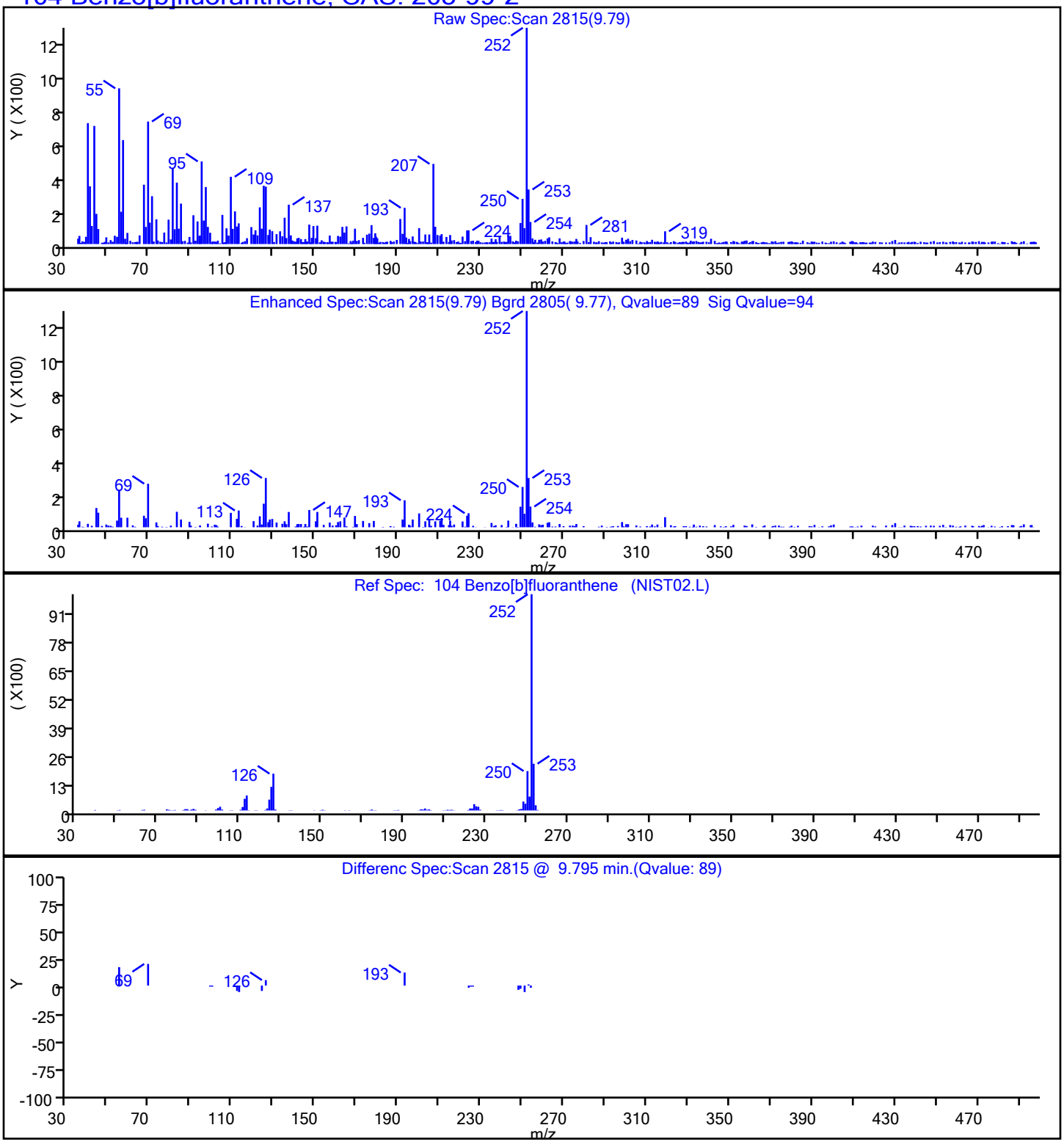
100 Benzo[a]anthracene, CAS: 56-55-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460986.D				
Injection Date:	07-Apr-2022 19:28:05	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-D-18-A	Lab Sample ID:	460-255715-18		
Client ID:	COMP-3				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	37
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

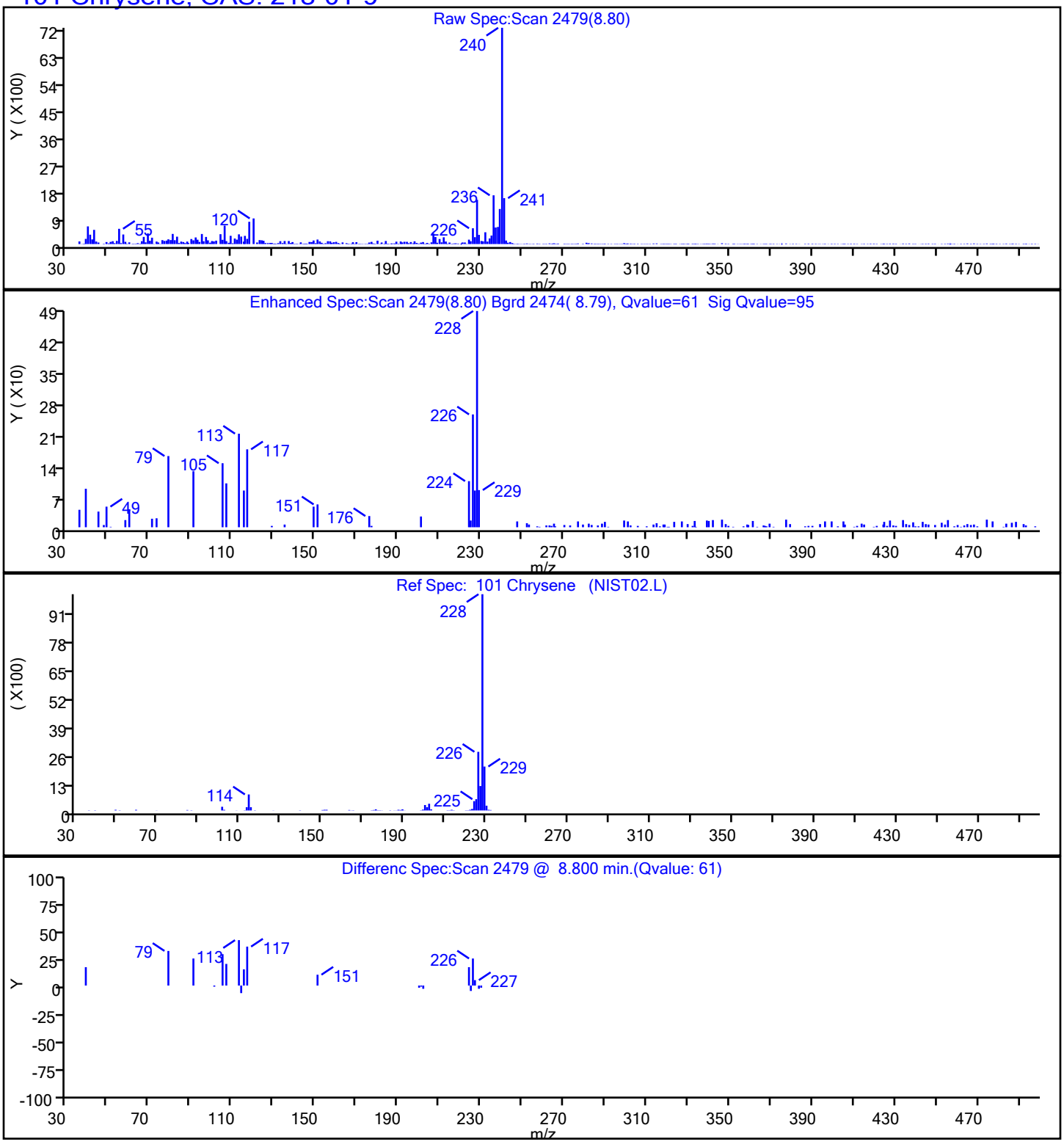
104 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460986.D				
Injection Date:	07-Apr-2022 19:28:05	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-D-18-A	Lab Sample ID:	460-255715-18		
Client ID:	COMP-3				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	37
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

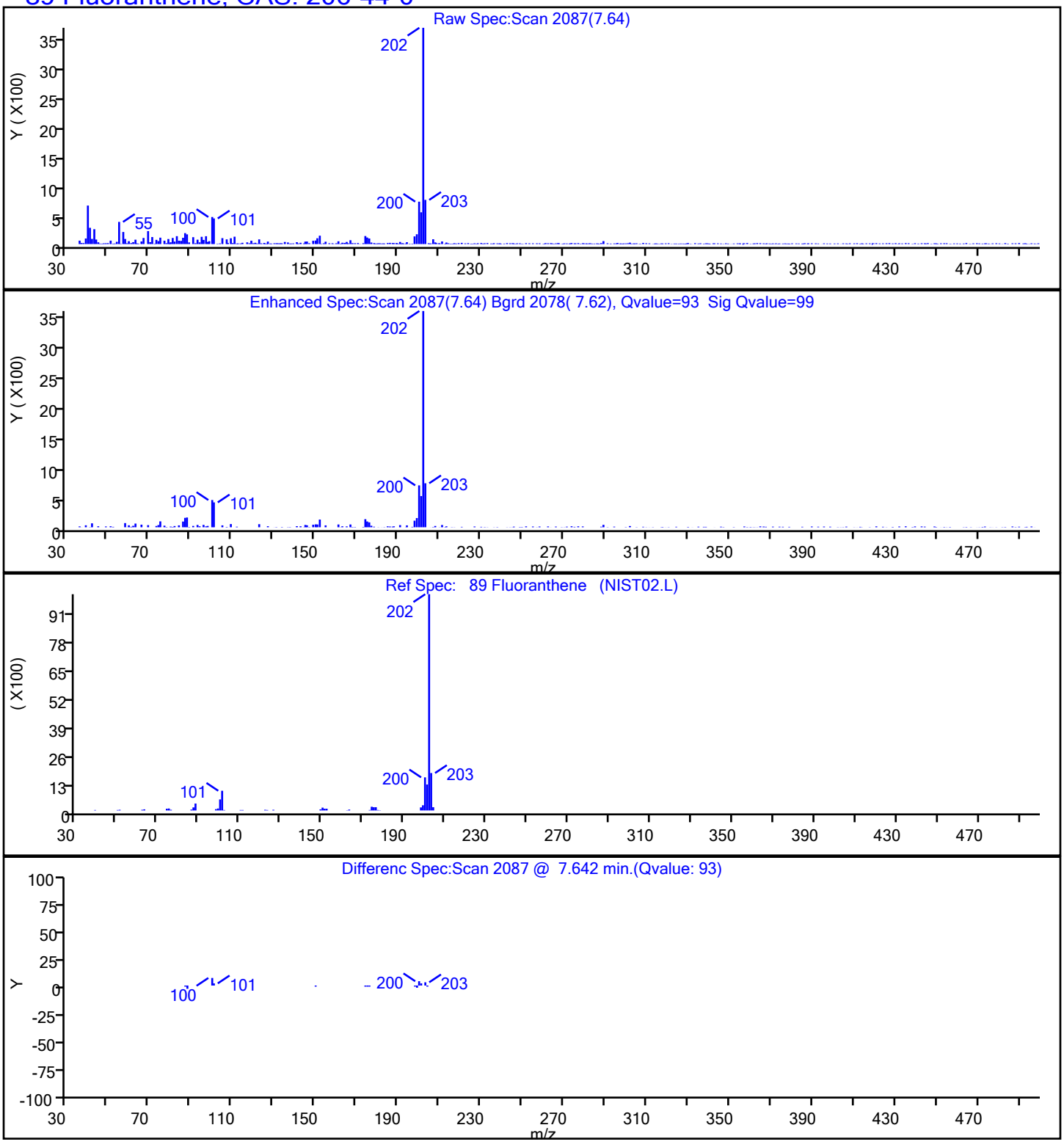
101 Chrysene, CAS: 218-01-9



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460986.D				
Injection Date:	07-Apr-2022 19:28:05	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-D-18-A	Lab Sample ID:	460-255715-18		
Client ID:	COMP-3				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	37
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

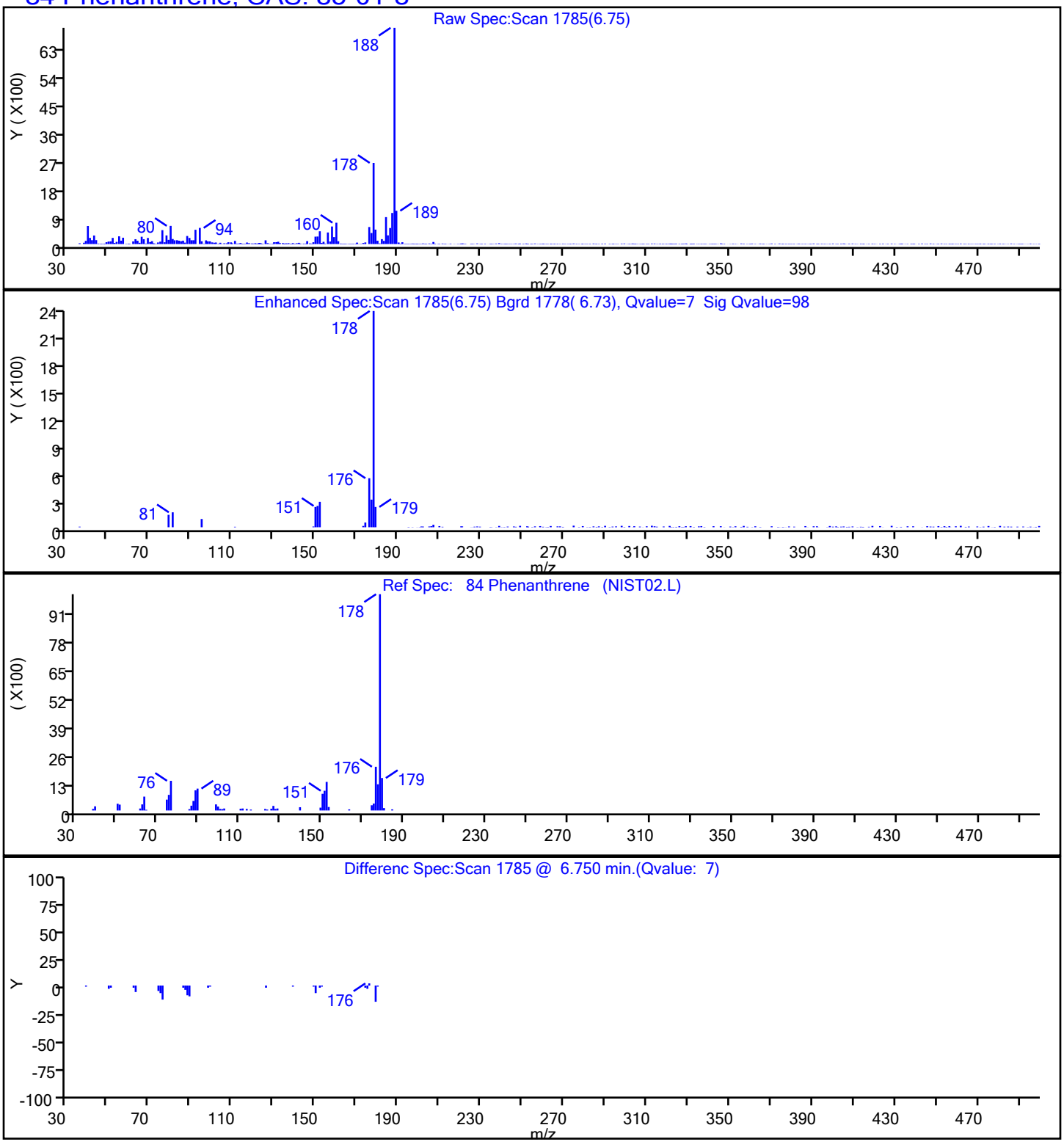
89 Fluoranthene, CAS: 206-44-0



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460986.D				
Injection Date:	07-Apr-2022 19:28:05	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-D-18-A	Lab Sample ID:	460-255715-18		
Client ID:	COMP-3				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	37
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

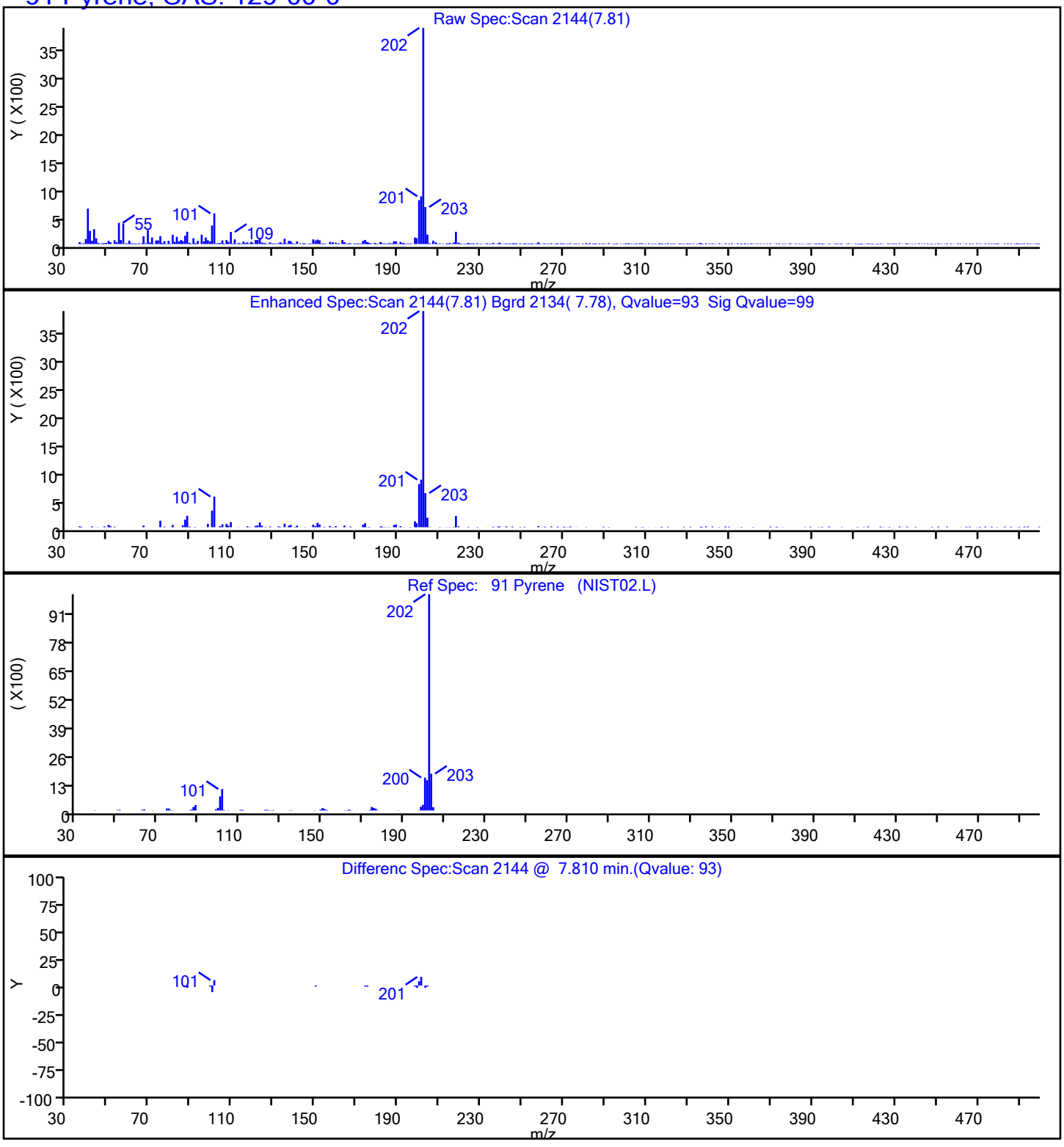
84 Phenanthrene, CAS: 85-01-8



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460986.D				
Injection Date:	07-Apr-2022 19:28:05	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-D-18-A	Lab Sample ID:	460-255715-18		
Client ID:	COMP-3				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	37
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

91 Pyrene, CAS: 129-00-0



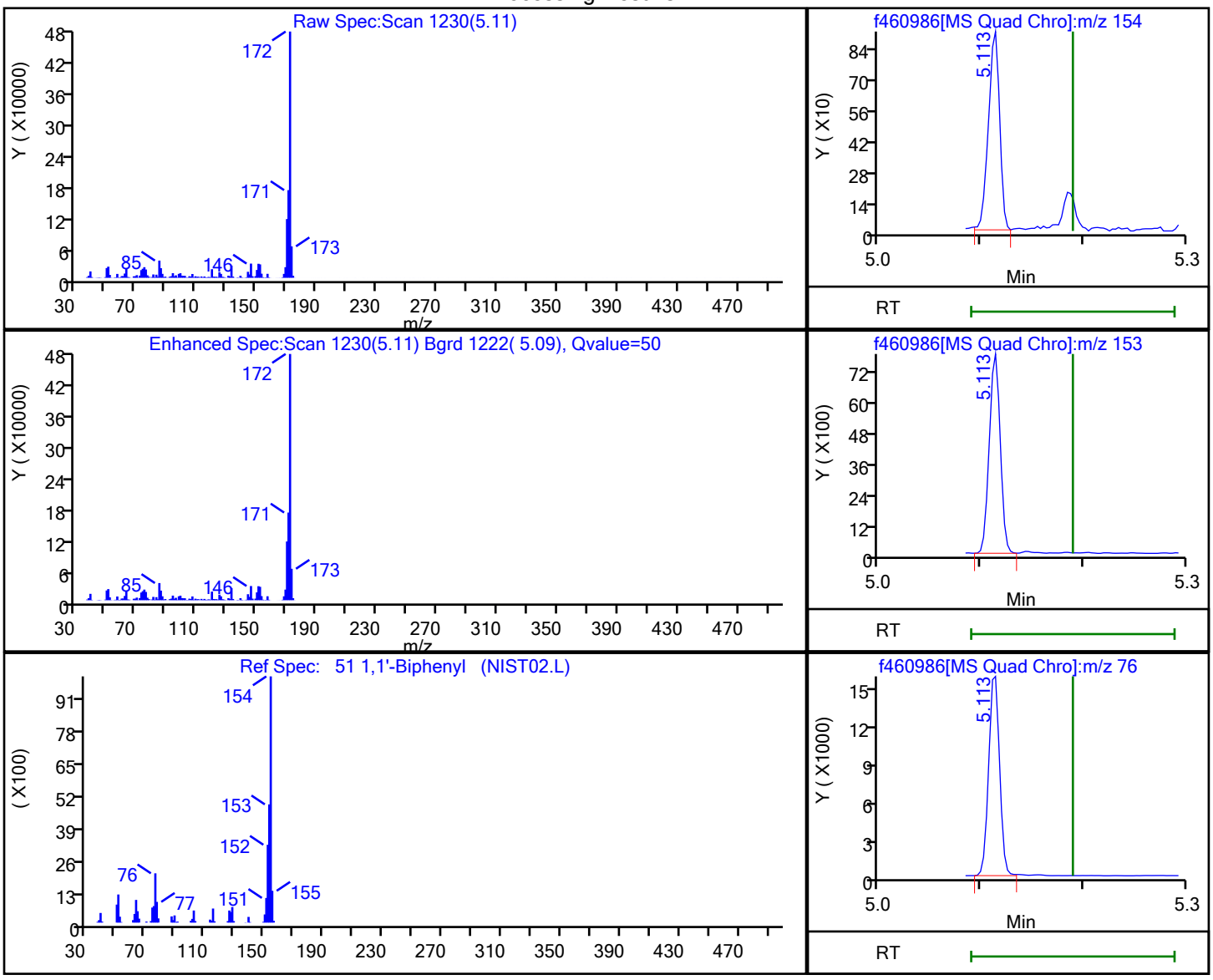
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460986.D				
Injection Date:	07-Apr-2022 19:28:05	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-D-18-A	Lab Sample ID:	460-255715-18		
Client ID:	COMP-3				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	37
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

51 1,1'-Biphenyl, CAS: 92-52-4

Processing Results



RT	Mass	Response	Amount
5.11	154.00	699	0.080360
5.11	153.00	5881	
5.11	76.00	11949	

Reviewer: hamziy, 07-Apr-2022 21:21:08

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

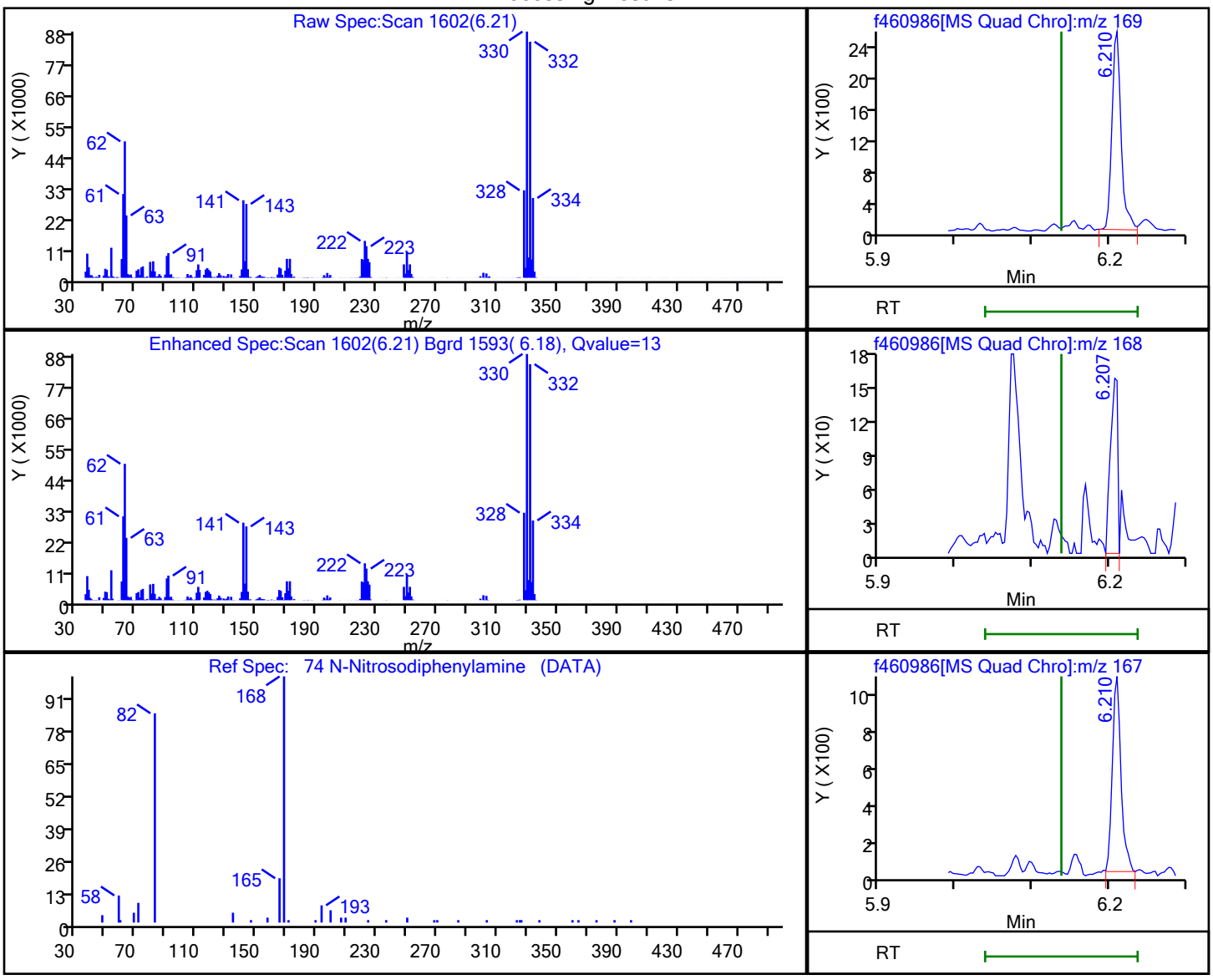
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460986.D				
Injection Date:	07-Apr-2022 19:28:05	Instrument ID:	CBNAMS15		
Lims ID:	460-255715-D-18-A	Lab Sample ID:	460-255715-18		
Client ID:	COMP-3				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	37
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

74 N-Nitrosodiphenylamine, CAS: 86-30-6

Processing Results



RT	Mass	Response	Amount
6.21	169.00	2102	0.353721
6.21	168.00	104	
6.21	167.00	801	

Reviewer: khlungprakhons, 08-Apr-2022 16:34:37

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

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

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 836323

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2022 08:33 Calibration End Date: 03/30/2022 10:52 Calibration ID: 90148

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-836323/10	f460653.D
Level 2	STD1 460-836323/9	f460652.D
Level 3	STD2 460-836323/8	f460651.D
Level 4	STD5 460-836323/7	f460650.D
Level 5	STD10 460-836323/6	f460649.D
Level 6	STD20 460-836323/5	f460648.D
Level 7	ICIS 460-836323/2	f460645.D
Level 8	STD80 460-836323/4	f460647.D
Level 9	STD120 460-836323/3	f460646.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.6008 0.5056	0.4546 0.5270	0.5010 0.5314	0.5513 0.5173	0.5393	Ave		0.5254			0.0100	7.6		20.0			
N-Nitrosodimethylamine	0.7524	0.7828	0.7822	0.8104 0.7743	0.7879	Ave		0.7816			0.0100	2.4		20.0			
Pyridine	1.3072	1.3619 1.2430	1.3249 1.3366	1.3952 1.3299	1.3879	Ave		1.3358			0.0100	3.6		20.0			
Benzaldehyde	1.0152	1.2832 +++++	1.1936 +++++	1.1345 +++++	1.0753	Ave		1.1404			0.0100	9.1		20.0			
Phenol	1.6327	1.6723	1.7097	1.7405 1.6897	1.7148	Ave		1.6933			0.8000	2.2		20.0			
Aniline	1.9563	1.9940	2.0118	2.0332 2.0337	2.0896	Ave		2.0198			0.0100	2.2		20.0			
Bis(2-chloroethyl)ether	1.3728 1.3236	1.3065 1.3512	1.3522 1.3463	1.4275 1.3378	1.3908	Ave		1.3565			0.7000	2.7		20.0			
2-Chlorophenol	1.3728	1.3885	1.4074	1.4001 1.3917	1.4292	Ave		1.3983			0.8000	1.4		20.0			
n-Decane	1.5728	1.6561	1.6490	1.6607 1.6601	1.6533	Ave		1.6420			0.0100	2.1		20.0			
1,3-Dichlorobenzene	1.4674	1.4947	1.5044	1.5710 1.4984	1.5477	Ave		1.5139			0.0100	2.5		20.0			
1,4-Dichlorobenzene	1.5001	1.5280	1.5292	1.6075 1.5336	1.5785	Ave		1.5462			0.0100	2.5		20.0			
Benzyl alcohol	0.8936	0.9210	0.9291	0.9268 0.9186	0.9523	Ave		0.9236			0.0100	2.1		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 836323

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2022 08:33 Calibration End Date: 03/30/2022 10:52 Calibration ID: 90148

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	1.4113	1.4271	1.4734	1.4736 1.4254	1.5112	Ave		1.4537			0.0100	2.6		20.0			
2-Methylphenol	1.1964	1.2210	1.2533	1.2762 1.2397	1.2425	Ave		1.2382			0.7000	2.2		20.0			
2,2'-oxybis[1-chloropropane]	1.9735	2.0865	1.9976	2.0308 1.9901	2.0125	Ave		2.0152			0.0100	2.0		20.0			
N-Methylaniline	2.1737	2.1084	2.2459	2.1145 2.2729	2.1100	Ave		2.1709			0.0100	3.4		20.0			
Acetophenone	1.9420	2.0149	2.0294	2.0753 1.9872	2.0456	Ave		2.0158			0.0100	2.3		20.0			
3 & 4 Methylphenol	1.4002	1.4293	1.4560	1.4260 1.4270	1.4362	Ave		1.4291			0.0100	1.3		20.0			
4-Methylphenol	1.4002	1.4293	1.4560	1.4260 1.4270	1.4362	Ave		1.4291			0.6000	1.3		20.0			
N-Nitrosodi-n-propylamine	0.9887 0.8579	0.8713 0.9135	0.8491 0.8817	0.8885 0.8710	0.8937	Ave		0.8906			0.5000	4.7		20.0			
Hexachloroethane	0.5897 0.5930	0.6119 0.6157	0.5739 0.6191	0.6165 0.6091	0.6222	Ave		0.6057			0.3000	2.7		20.0			
Nitrobenzene	0.5564 0.6656	0.6442 0.7009	0.6387 0.7035	0.7102 0.6933	0.6829	Ave		0.6662			0.2000	7.3		20.0			
n,n'-Dimethylaniline	2.2391 2.1064	2.0883 2.1988	2.0750 2.2394	2.1589 2.2545	2.1089	Ave		2.1633			0.0100	3.3		20.0			
Isophorone	0.6768	0.6894	0.6752 0.6892	0.7077 0.6779	0.7036	Ave		0.6886			0.4000	1.9		20.0			
2-Nitrophenol	0.1834	0.1866	0.1927	0.1720 0.1910	0.1893	Ave		0.1858			0.1000	4.0		20.0			
2,4-Dimethylphenol	0.3052	0.3092	0.3121	0.3054 0.3100	0.3143	Ave		0.3094			0.2000	1.2		20.0			
Bis(2-chloroethoxy)methane	0.4119	0.4207	0.4271	0.4330 0.4196	0.4476	Ave		0.4266			0.3000	2.9		20.0			
Benzoic acid	0.2079	0.2217	0.2190	0.1680 0.2353	0.1800	Ave		0.2053			0.0100	12.7		20.0			
2,4-Dichlorophenol	0.2829	0.2882	0.2678 0.2953	0.2954 0.2912	0.3044	Ave		0.2893			0.2000	4.0		20.0			
1,2,4-Trichlorobenzene	0.2805 0.3008	0.3120 0.3183	0.2987 0.3078	0.3111 0.3074	0.3104	Ave		0.3052			0.0100	3.6		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 836323

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2022 08:33 Calibration End Date: 03/30/2022 10:52 Calibration ID: 90148

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Naphthalene	1.0127	1.0341	1.0281	1.0419 1.0174	1.0546	Ave		1.0315			0.7000	1.5		20.0			
4-Chloroaniline	0.4397	0.4438	0.4432	0.4474 0.4446	0.4502	Ave		0.4448			0.0100	0.8		20.0			
2,6-Dichlorophenol						None											
Hexachlorobutadiene	0.1842	0.2076 0.1837	0.1742 0.1887	0.1803 0.1854	0.1982	Ave		0.1878			0.0100	5.6		20.0			
Caprolactam	0.1059	0.1004 0.1323	0.0973 0.1401	0.0979 0.1455	0.0979	Ave		0.1147			0.0100	18.2		20.0			
4-Chloro-3-methylphenol	0.2903	0.2992	0.3007	0.3048 0.2995	0.2987	Ave		0.2988			0.2000	1.6		20.0			
2-Methylnaphthalene	0.6830	0.6964	0.7194	0.7133 0.7172	0.7226	Ave		0.7087			0.4000	2.2		20.0			
1-Methylnaphthalene	0.6342	0.6420	0.6528	0.6724 0.6549	0.6671	Ave		0.6539			0.0100	2.2		20.0			
Hexachlorocyclopentadiene	0.3239	0.3804	0.3891	0.2906 0.3968	0.3182	Ave		0.3499			0.0500	12.7		20.0			
1,2,4,5-Tetrachlorobenzene	0.5234	0.5890	0.5673	0.5415 0.5673	0.5476	Ave		0.5560			0.0100	4.2		20.0			
2-tertbutyl-4-methylphenol	0.4397	0.4450	0.4568	0.4271 0.4613	0.4239	Ave		0.4423			0.0100	3.4		20.0			
2,4,6-Trichlorophenol	0.3679	0.4033	0.3060 0.3927	0.3631 0.3774	0.3782	Ave		0.3698			0.2000	8.5		20.0			
2,4,5-Trichlorophenol	0.3923	0.4350	0.4127	0.4082 0.4128	0.4004	Ave		0.4102			0.2000	3.5		20.0			
1,1'-Biphenyl	1.3899	1.5422	1.4736	1.4453 1.4676	1.4448	Ave		1.4606			0.0100	3.4		20.0			
2-Chloronaphthalene	1.0843	1.1853	1.1331	1.1305 1.1178	1.1150	Ave		1.1277			0.8000	2.9		20.0			
Phenyl ether	0.7903	0.8218	0.8214	0.7865 0.8424	0.7660	Ave		0.8047			0.0100	3.5		20.0			
2-Nitroaniline	0.4463	0.5085	0.4817	0.4484 0.4754	0.4520	Ave		0.4687			0.0100	5.2		20.0			
1,3-Dimethylnaphthalene	0.9061	1.0107	0.9589	0.8930 0.9603	0.8834	Ave		0.9354			0.0100	5.3		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 836323

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2022 08:33 Calibration End Date: 03/30/2022 10:52 Calibration ID: 90148

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dimethyl phthalate	1.2420	1.3983	1.2985	1.2882 1.2900	1.2922	Ave		1.3015			0.0100	4.0		20.0			
Coumarin	0.2635	0.2686	0.2700	0.2498 0.2733	0.2596	Ave		0.2642			0.0100	3.2		20.0			
2,6-Dinitrotoluene	0.2899	0.2221 0.3101	0.2437 0.2944	0.2711 0.2913	0.2882	Ave		0.2764			0.2000	10.6		20.0			
Acenaphthylene	1.7533	1.7995	1.8283	1.7998 1.8160	1.8201	Ave		1.8028			0.9000	1.5		20.0			
3-Nitroaniline	0.3170	0.3533	0.3309	0.3435 0.3266	0.3307	Ave		0.3337			0.0100	3.9		20.0			
Acenaphthene	1.0032	1.1024	1.0513	1.0195 1.0403	1.0266	Ave		1.0406			0.9000	3.3		20.0			
3,5-di-tert-butyl-4-hydroxytol	0.9800	1.0376	1.0225	0.9483 1.0190	0.9503	Ave		0.9929			0.0100	3.9		20.0			
2,4-Dinitrophenol	0.1406	0.1686	0.0487 0.1802	0.0946 0.1807	0.1233	Lin1	-0.727	0.1801			0.0100	15.0					
4-Nitrophenol	0.2618	0.2960	0.2803	0.2505 0.2764	0.2622	Ave		0.2712			0.0100	6.0		20.0			
2,4-Dinitrotoluene	0.3733	0.2976 0.4309	0.3040 0.4083	0.3711 0.3990	0.3898	Ave		0.3718			0.2000	12.9		20.0			
Dibenzofuran	1.5236	1.6807	1.5902	1.6057 1.5527	1.5998	Ave		1.5921			0.8000	3.4		20.0			
2,3,4,6-Tetrachlorophenol	0.3113	0.3503	0.3354	0.3039 0.3283	0.3131	Ave		0.3237			0.0100	5.4		20.0			
Diethyl phthalate	1.2662	1.4090	1.3123	1.2945 1.3112	1.3094	Ave		1.3171			0.0100	3.7		20.0			
Fluorene	1.2129	1.3363	1.2950	1.2806 1.2832	1.2599	Ave		1.2780			0.9000	3.2		20.0			
4-Chlorophenyl phenyl ether	0.6008	0.6464	0.6126	0.6254 0.6041	0.6116	Ave		0.6168			0.4000	2.7		20.0			
4-Nitroaniline	0.3293	0.3348	0.3223	0.3357 0.3126	0.3319	Ave		0.3278			0.0100	2.7		20.0			
4,6-Dinitro-2-methylphenol	0.1077	0.1213	0.0598 0.1258	0.0901 0.1250	0.1032	Lin2	-0.259	0.1212			0.0100				0.9970		0.9900
N-Nitrosodiphenylamine	0.5078	0.5407	0.5275	0.5287 0.5174	0.5286	Ave		0.5251			0.0100	2.1		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 836323

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2022 08:33 Calibration End Date: 03/30/2022 10:52 Calibration ID: 90148

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Diphenylhydrazine	0.7304	0.8069	0.7606	0.7690 0.7551	0.7629	Ave		0.7642			0.0100	3.3		20.0			
4-Bromophenyl phenyl ether	0.2034	0.2202	0.2158	0.2038 0.2121	0.2110	Ave		0.2110			0.1000	3.1		20.0			
Hexachlorobenzene	0.2383 0.2531	0.2684 0.2685	0.2402 0.2662	0.2630 0.2604	0.2648	Ave		0.2581			0.1000	4.5		20.0			
Atrazine	0.2017	0.2018 0.2200	0.1930 0.2088	0.1890 0.1991	0.1899	Ave		0.2004			0.0100	5.2		20.0			
Pentachlorophenol	0.1569	0.1730	0.1240 0.1712	0.1503 0.1706	0.1549	Ave		0.1573			0.0500	11.0		20.0			
Pentachloronitrobenzene	0.1000	0.1068	0.1075	0.0938 0.1077	0.0930	Ave		0.1015			0.0100	6.7		20.0			
n-Octadecane	0.5638	0.6505	0.6226	0.5459 0.6279	0.5673	Ave		0.5963			0.0100	7.1		20.0			
Phenanthrene	1.0075	1.0831	1.0473	1.0494 1.0374	1.0356	Ave		1.0434			0.7000	2.4		20.0			
Anthracene	1.0363	1.1163	1.0853	1.0137 1.0726	1.0612	Ave		1.0642			0.7000	3.4		20.0			
Carbazole	0.9454	1.0168	0.9902	0.9563 0.9771	1.0066	Ave		0.9821			0.0100	2.8		20.0			
Di-n-butyl phthalate	1.2095	1.3513	1.2920	1.1740 1.2860	1.2298	Ave		1.2571			0.0100	5.1		20.0			
Fluoranthene	1.0663	1.2160	1.1500	1.0654 1.1435	1.0936	Ave		1.1225			0.6000	5.2		20.0			
Benzidine	0.5615	0.6337	0.6474	0.5422 0.6640	0.5571	Ave		0.6010			0.0100	8.9		20.0			
Pyrene	1.2045	1.3503	1.2754	1.2272 1.2363	1.2487	Ave		1.2571			0.6000	4.1		20.0			
Bisphenol-A	0.5563	0.6224	0.5554	0.5029 0.5318	0.5337	Ave		0.5504				7.3		20.0			
Butyl benzyl phthalate	0.5528	0.6399	0.6075	0.5556 0.5939	0.5626	Ave		0.5854			0.0100	5.9		20.0			
2,3,7,8-TCDD		0.2042				Ave		0.2042			0.0100			20.0			
Carbamazepine	0.5371	0.5912	0.5842	0.4628 0.5772	0.5037	Ave		0.5427			0.0100	9.5		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 836323

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2022 08:33 Calibration End Date: 03/30/2022 10:52 Calibration ID: 90148

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
3,3'-Dichlorobenzidine	0.4390	0.5425	0.4113 0.4890	0.4313 0.4915	0.4349	Ave		0.4628			0.0100	10.0		20.0			
Benzo[a]anthracene	1.2828 1.1538	1.2168 1.2862	1.1343 1.2422	1.1755 1.2312	1.1831	Ave		1.2118			0.8000	4.5		20.0			
Chrysene	1.1503	1.2783	1.2102	1.2254 1.1701	1.2168	Ave		1.2085			0.7000	3.7		20.0			
Bis(2-ethylhexyl) phthalate	0.8205	0.9426	0.8922	0.8306 0.8765	0.8526	Ave		0.8692			0.0100	5.2		20.0			
Di-n-octyl phthalate	1.3438	1.5542	1.4792	1.2530 1.5035	1.3376	Ave		1.4119			0.0100	8.3		20.0			
Benzo[b]fluoranthene	0.8385 1.0351	0.8359 1.1635	0.8493 1.1560	0.9739 1.2484	1.0310	Ave		1.0146			0.7000	15.2		20.0			
Benzo[k]fluoranthene	1.1409 1.2228	1.1892 1.3224	1.1011 1.2350	1.2001 1.1800	1.2501	Ave		1.2046			0.7000	5.3		20.0			
Benzo[a]pyrene	0.8502 1.0470	0.8690 1.2025	0.9202 1.1419	0.9936 1.1485	1.0658	Ave		1.0265			0.7000	12.4		20.0			
Indeno[1,2,3-cd]pyrene	0.4548 0.9536	0.5588 1.0913	0.6165 1.0398	0.7382 1.1320	0.8553	Qua2	-0.212	0.8216	0.0030130						0.9920		0.9900
Dibenz(a,h)anthracene	0.5756 1.0224	0.7772 1.1832	0.8238 1.1670	0.9272 1.1784	0.9987	Lin2	-0.281	1.0828			0.4000				0.9920		0.9900
Benzo[g,h,i]perylene	1.0709	1.1954	1.1418	1.0408 1.1494	1.0843	Ave		1.1138			0.5000	5.2		20.0			
2-Fluorophenol (Surr)	1.3601	1.5549 1.3546	1.7064 1.3806	1.3396 1.3791	1.3011	Ave		1.4221			0.0100	9.7		20.0			
Phenol-d5 (Surr)	1.7292 1.6686	1.8962 1.6863	2.0546 1.7224	1.6438 1.7142	1.5775	Ave		1.7436			0.0100	8.3		20.0			
Nitrobenzene-d5 (Surr)	0.4319 0.3990	0.4232 0.3933	0.4687 0.3992	0.3881 0.3980	0.3699	Ave		0.4079			0.0100	7.2		20.0			
2-Fluorobiphenyl	1.5173 1.3518	1.5069 1.4263	1.6359 1.3820	1.3561 1.3801	1.2488	Ave		1.4228			0.0100	8.0		20.0			
2,4,6-Tribromophenol (Surr)	0.2645	0.2477 0.2792	0.2855 0.2733	0.2582 0.2752	0.2400	Ave		0.2654			0.0100	6.0		20.0			
Terphenyl-d14 (Surr)	1.0025 1.0423	1.1172 1.1102	1.2260 1.0569	0.9953 1.0567	0.9653	Ave		1.0636			0.0100	7.4		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 836323

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2022 08:33 Calibration End Date: 03/30/2022 10:52 Calibration ID: 90148

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-836323/10	f460653.D
Level 2	STD1 460-836323/9	f460652.D
Level 3	STD2 460-836323/8	f460651.D
Level 4	STD5 460-836323/7	f460650.D
Level 5	STD10 460-836323/6	f460649.D
Level 6	STD20 460-836323/5	f460648.D
Level 7	ICIS 460-836323/2	f460645.D
Level 8	STD80 460-836323/4	f460647.D
Level 9	STD120 460-836323/3	f460646.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCBd 4	Ave	1084	1661	3682	10142	21123	0.500	1.00	2.00	5.00	10.0
			39714	98976	166361	235778		20.0	50.0	80.0	120	
N-Nitrosodimethylamine	DCBd 4	Ave				14908	30859				5.00	10.0
			59095	147000	244859	352935		20.0	50.0	80.0	120	
Pyridine	DCBd 4	Ave		9953	19474	51331	108719		2.00	4.00	10.0	20.0
			205341	466865	836878	1212365		40.0	100	160	240	
Benzaldehyde	DCBd 4	Ave		4689	8772	20870	42118		1.00	2.00	5.00	10.0
			63792	+++++	+++++	+++++		16.0	+++++	+++++	+++++	
Phenol	DCBd 4	Ave				32019	67166				5.00	10.0
			128241	314061	535224	770205		20.0	50.0	80.0	120	
Aniline	DCBd 4	Ave				37403	81846				5.00	10.0
			153655	374459	629813	926967		20.0	50.0	80.0	120	
Bis(2-chloroethyl)ether	DCBd 4	Ave	2477	4774	9938	26260	54476	0.500	1.00	2.00	5.00	10.0
			103963	253752	421477	609791		20.0	50.0	80.0	120	
2-Chlorophenol	DCBd 4	Ave				25757	55977				5.00	10.0
			107824	260758	440597	634358		20.0	50.0	80.0	120	

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

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 836323

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2022 08:33 Calibration End Date: 03/30/2022 10:52 Calibration ID: 90148

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
n-Decane	DCBd 4	Ave	123532	311003	516235	30551 756711	64757	20.0	50.0	80.0	5.00 120	10.0
1,3-Dichlorobenzene	DCBd 4	Ave	115257	280708	470963	28900 682985	60619	20.0	50.0	80.0	5.00 120	10.0
1,4-Dichlorobenzene	DCBd 4	Ave	117822	286960	478734	29571 699057	61828	20.0	50.0	80.0	5.00 120	10.0
Benzyl alcohol	DCBd 4	Ave	70185	172966	290853	17050 418709	37300	20.0	50.0	80.0	5.00 120	10.0
1,2-Dichlorobenzene	DCBd 4	Ave	110846	268000	461241	27109 649731	59190	20.0	50.0	80.0	5.00 120	10.0
2-Methylphenol	DCBd 4	Ave	93972	229308	392363	23477 565067	48668	20.0	50.0	80.0	5.00 120	10.0
2,2'-oxybis[1-chloropropane]	DCBd 4	Ave	155006	391846	625344	37358 907123	78826	20.0	50.0	80.0	5.00 120	10.0
N-Methylaniline	DCBd 4	Ave	170734	395955	703091	38899 1036001	82643	20.0	50.0	80.0	5.00 120	10.0
Acetophenone	DCBd 4	Ave	152535	378396	635314	38177 905801	80123	20.0	50.0	80.0	5.00 120	10.0
3 & 4 Methylphenol	DCBd 4	Ave	109981	268410	455804	26232 650460	56254	20.0	50.0	80.0	5.00 120	10.0
4-Methylphenol	DCBd 4	Ave	109981	268410	455804	26232 650460	56254	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodi-n-propylamine	DCBd 4	Ave	1784 67385	3184 171548	6240 276017	16345 397025	35006	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

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

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 836323

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2022 08:33 Calibration End Date: 03/30/2022 10:52 Calibration ID: 90148

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Hexachloroethane	DCBd 4	Ave	1064 46579	2236 115620	4218 193822	11341 277648	24372	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene	DCBd 4	Ave	1004 52280	2354 131625	4694 220230	13065 316038	26748	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
n,n'-Dimethylaniline	DCBd 4	Ave	4040 165447	7631 412929	15250 701049	39716 1027647	82601	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Isophorone	NPT	Ave	 205974	 506068	19466 840244	51364 1196051	106981	 20.0	 50.0	2.00 80.0	5.00 120	10.0
2-Nitrophenol	NPT	Ave	 55815	 136961	 234867	12484 336966	28788	 20.0	 50.0	 80.0	5.00 120	10.0
2,4-Dimethylphenol	NPT	Ave	 92873	 226969	 380498	22165 546942	47782	 20.0	 50.0	 80.0	5.00 120	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	 125353	 308802	 520716	31425 740299	68055	 20.0	 50.0	 80.0	5.00 120	10.0
Benzoic acid	NPT	Ave	 63259	 162736	 266956	12196 415092	27363	 20.0	 50.0	 80.0	5.00 120	10.0
2,4-Dichlorophenol	NPT	Ave	 86094	 211542	7721 360052	21442 513771	46283	 20.0	 50.0	2.00 80.0	5.00 120	10.0
1,2,4-Trichlorobenzene	NPT	Ave	2018 91536	4499 233660	8612 375286	22578 542397	47189	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Naphthalene	NPT	Ave	 308209	 759114	 1253396	75617 1795016	160336	 20.0	 50.0	 80.0	5.00 120	10.0
4-Chloroaniline	NPT	Ave	 133809	 325752	 540272	32473 784361	68454	 20.0	 50.0	 80.0	5.00 120	10.0
2,6-Dichlorophenol		None	 86833	 213341	7750 352425	21156 501951	45473	 20.0	 50.0	2.00 80.0	5.00 120	10.0
Hexachlorobutadiene	NPT	Ave	 56062	2993 134836	5022 230101	13088 327125	30133	 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Caprolactam	NPT	Ave	 25795	1447 38846	2806 51243	7108 68460	14882	 16.0	1.00 20.0	2.00 24.0	5.00 32.0	10.0
4-Chloro-3-methylphenol	NPT	Ave	 88342	 219604	 366535	22119 528375	45416	 20.0	 50.0	 80.0	5.00 120	10.0
2-Methylnaphthalene	NPT	Ave				51769	109868				5.00	10.0

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

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 836323

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2022 08:33 Calibration End Date: 03/30/2022 10:52 Calibration ID: 90148

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			207882	511164	877014	1265451		20.0	50.0	80.0	120	
1-Methylnaphthalene	NPT	Ave	193006	471288	795801	48801 1155383	101430	20.0	50.0	80.0	5.00 120	10.0
Hexachlorocyclopentadiene	ANT	Ave	58469	152259	274324	12512 406308	28998	20.0	50.0	80.0	5.00 120	10.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	94466	235756	399921	23311 580877	49909	20.0	50.0	80.0	5.00 120	10.0
2-tertbutyl-4-methylphenol	NPT	Ave	133812	326629	556875	30995 813856	64453	20.0	50.0	80.0	5.00 120	10.0
2,4,6-Trichlorophenol	ANT	Ave	66411	161427	5232 276828	15633 386465	34470	20.0	50.0	2.00 80.0	5.00 120	10.0
2,4,5-Trichlorophenol	ANT	Ave	70813	174111	290962	17574 422630	36494	20.0	50.0	80.0	5.00 120	10.0
1,1'-Biphenyl	ANT	Ave	250866	617285	1038794	62220 1502703	131676	20.0	50.0	80.0	5.00 120	10.0
2-Chloronaphthalene	ANT	Ave	195712	474422	798742	48671 1144508	101617	20.0	50.0	80.0	5.00 120	10.0
Phenyl ether	ANT	Ave	142644	328940	579047	33859 862561	69812	20.0	50.0	80.0	5.00 120	10.0
2-Nitroaniline	ANT	Ave	80556	203554	339593	19306 486764	41191	20.0	50.0	80.0	5.00 120	10.0
1,3-Dimethylnaphthalene	ANT	Ave	163548	404551	675976	38443 983241	80509	20.0	50.0	80.0	5.00 120	10.0
Dimethyl phthalate	ANT	Ave	224174	559677	915373	55459 1320818	117762	20.0	50.0	80.0	5.00 120	10.0
Coumarin	NPT	Ave	80190	197205	329186	18132 482264	39473	20.0	50.0	80.0	5.00 120	10.0
2,6-Dinitrotoluene	ANT	Ave	52322	1899 124139	4166 207542	11672 298261	26264	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acenaphthylene	ANT	Ave	316452	720268	1288865	77484 1859433	165877	20.0	50.0	80.0	5.00 120	10.0
3-Nitroaniline	ANT	Ave	57216	141426	233276	14787 334407	30141	20.0	50.0	80.0	5.00 120	10.0
Acenaphthene	ANT	Ave	181072	441258	741141	43893 1065217	93563	20.0	50.0	80.0	5.00 120	10.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave				40826	86608				5.00	10.0

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

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 836323

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2022 08:33 Calibration End Date: 03/30/2022 10:52 Calibration ID: 90148

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			176888	415312	720780	1043335		20.0	50.0	80.0	120	
2,4-Dinitrophenol	ANT	Lin1	50744	134934	1665 254068	8146 369991	22479	40.0	100	4.00 160	10.0 240	20.0
4-Nitrophenol	ANT	Ave	94490	236939	395133	21566 565921	47791	40.0	100	160	10.0 240	20.0
2,4-Dinitrotoluene	ANT	Ave	67375	2545 172474	5197 287845	15975 408555	35527	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenzofuran	ANT	Ave	275001	672747	1121002	69127 1589807	145799	20.0	50.0	80.0	5.00 120	10.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	56179	140229	236410	13084 336120	28539	20.0	50.0	80.0	5.00 120	10.0
Diethyl phthalate	ANT	Ave	228537	563978	925138	55731 1342542	119332	20.0	50.0	80.0	5.00 120	10.0
Fluorene	ANT	Ave	218914	534871	912882	55130 1313938	114823	20.0	50.0	80.0	5.00 120	10.0
4-Chlorophenyl phenyl ether	ANT	Ave	108442	258725	431857	26925 618526	55737	20.0	50.0	80.0	5.00 120	10.0
4-Nitroaniline	ANT	Ave	59430	134018	227229	14453 320086	30246	20.0	50.0	80.0	5.00 120	10.0
4,6-Dinitro-2-methylphenol	PHN	Lin2	68701	175618	3611 314726	13807 453806	33368	40.0	100	4.00 160	10.0 240	20.0
N-Nitrosodiphenylamine	PHN	Ave	161991	391476	660020	40527 939524	85414	20.0	50.0	80.0	5.00 120	10.0
1,2-Diphenylhydrazine	PHN	Ave	233020	584292	951771	58942 1371153	123275	20.0	50.0	80.0	5.00 120	10.0
4-Bromophenyl phenyl ether	PHN	Ave	64874	159461	270012	15620 385106	34092	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobenzene	PHN	Ave	1788 80733	4110 194380	7256 333135	20163 472850	42782	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Atrazine	PHN	Ave	51472	3090 63724	5830 78394	14484 96427	30683	16.0	1.00 20.0	2.00 24.0	5.00 32.0	10.0
Pentachlorophenol	PHN	Ave	100090	250583	7489 428524	23038 619441	50045	40.0	100	4.00 160	10.0 240	20.0
Pentachloronitrobenzene	PHN	Ave	31907	77318	134512	7193 195526	15033	20.0	50.0	80.0	5.00 120	10.0
n-Octadecane	PHN	Ave				41843	91678				5.00	10.0

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

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 836323

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2022 08:33 Calibration End Date: 03/30/2022 10:52 Calibration ID: 90148

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			179873	471005	779083	1140133		20.0	50.0	80.0	120	
Phenanthrene	PHN	Ave	321420	784228	1310508	80435 1883864	167337	20.0	50.0	80.0	5.00 120	10.0
Anthracene	PHN	Ave	330600	808289	1358010	77704 1947659	171476	20.0	50.0	80.0	5.00 120	10.0
Carbazole	PHN	Ave	301586	736250	1238994	73300 1774305	162661	20.0	50.0	80.0	5.00 120	10.0
Di-n-butyl phthalate	PHN	Ave	385831	978432	1616682	89987 2335193	198720	20.0	50.0	80.0	5.00 120	10.0
Fluoranthene	PHN	Ave	340175	880487	1439028	81668 2076544	176713	20.0	50.0	80.0	5.00 120	10.0
Benzidine	PHN	Ave	179116	458867	810160	41563 1205794	90015	20.0	50.0	80.0	5.00 120	10.0
Pyrene	CRY	Ave	358148	894501	1491641	86003 2137953	185975	20.0	50.0	80.0	5.00 120	10.0
Bisphenol-A	CRY	Ave	165416	412335	649625	35240 919713	79490	20.0	50.0	80.0	5.00 120	10.0
Butyl benzyl phthalate	CRY	Ave	164374	423912	710504	38939 1026975	83790	20.0	50.0	80.0	5.00 120	10.0
2,3,7,8-TCDD	CRY	Ave		1353					0.500			
Carbamazepine	CRY	Ave	159709	391679	683299	32432 998190	75022	20.0	50.0	80.0	5.00 120	10.0
3,3'-Dichlorobenzidine	CRY	Ave	130530	359404	11353 571863	30229 849930	64770	20.0	50.0	2.00 80.0	5.00 120	10.0
Benzo[a]anthracene	CRY	Ave	8629 343059	16516 852092	31310 1452873	82377 2129202	176209	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Chrysene	CRY	Ave	342021	846849	1415388	85877 2023370	181232	20.0	50.0	80.0	5.00 120	10.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	243956	624461	1043457	58212 1515668	126987	20.0	50.0	80.0	5.00 120	10.0
Di-n-octyl phthalate	PRY	Ave	415417	1074663	1799196	92278 2632697	207382	20.0	50.0	80.0	5.00 120	10.0
Benzo[b]fluoranthene	PRY	Ave	5916 319997	11959 804528	24429 1406008	71725 2186006	159843	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[k]fluoranthene	PRY	Ave	8050	17014	31674	88379	193813	0.500	1.00	2.00	5.00	10.0

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

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 836323

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2022 08:33 Calibration End Date: 03/30/2022 10:52 Calibration ID: 90148

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			378010	914380	1502162	2066176		20.0	50.0	80.0	120	
Benzo[a]pyrene	PRY	Ave	5999 323669	12433 831474	26470 1388957	73172 2011081	165246	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Indeno[1,2,3-cd]pyrene	PRY	Qua2	3209 294782	7995 754564	17733 1264661	54362 1982094	132605	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenz(a,h)anthracene	PRY	Lin2	4061 316074	11119 818113	23696 1419390	68281 2063415	154841	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[g,h,i]perylene	PRY	Ave	331048	826571	1388799	76647 2012552	168112	20.0	50.0	80.0	5.00 120	10.0
2-Fluorophenol (Surr)	DCBd 4	Ave	106826	5682 254395	12541 432203	24644 628591	50963	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Phenol-d5 (Surr)	DCBd 4	Ave	3120 131059	6929 316679	15100 539199	30240 781364	61787	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene-d5 (Surr)	NPT	Ave	3107 121433	6102 288689	13512 486629	28166 702134	56244	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Fluorobiphenyl	ANT	Ave	6367 243994	12885 570903	27967 974271	58381 1413107	113812	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2,4,6-Tribromophenol (Surr)	ANT	Ave	47739	2118 111748	4880 192650	11114 281758	21877	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Terphenyl-d14 (Surr)	CRY	Ave	6744 309922	15164 735440	33840 1236140	69749 1827312	143773	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
None = No Calib Curve
Qua2 = Quadratic 1/conc^2 ISTD

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

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 836323

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2022 08:33 Calibration End Date: 03/30/2022 10:52 Calibration ID: 90148

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-836323/10	f460653.D
Level 2	STD1 460-836323/9	f460652.D
Level 3	STD2 460-836323/8	f460651.D
Level 4	STD5 460-836323/7	f460650.D
Level 5	STD10 460-836323/6	f460649.D
Level 6	STD20 460-836323/5	f460648.D
Level 7	ICIS 460-836323/2	f460645.D
Level 8	STD80 460-836323/4	f460647.D
Level 9	STD120 460-836323/3	f460646.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4	LVL 5	LVL 6
2,4-Dinitrophenol			28.0						30			
4,6-Dinitro-2-methylphenol			2.8						30			
Dibenz(a,h)anthracene	5.0						30					

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460645.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 30-Mar-2022 08:33:45 ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143392-002
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Mar-2022 11:19:28 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1603

First Level Reviewer: johnstonm1 Date: 30-Mar-2022 08:53:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.649	1.649	0.000	95	98976	50.0	50.2	
2 N-Nitrosodimethylamine	74	1.766	1.766	0.000	78	147000	50.0	50.1	
3 Pyridine	79	1.787	1.787	0.000	83	466865	100.0	93.1	
$ 5 2-Fluorophenol	112	2.417	2.417	0.000	92	254395	50.0	47.6	
7 Benzaldehyde	77	3.001	3.001	0.000	90	50464	20.0	11.8	
$ 8 Phenol-d5	99	3.033	3.033	0.000	93	316679	50.0	48.4	
9 Phenol	94	3.045	3.045	0.000	98	314061	50.0	49.4	
10 Aniline	93	3.074	3.074	0.000	12	374459	50.0	49.4	a
11 Bis(2-chloroethyl)ether	93	3.122	3.122	0.000	91	253752	50.0	49.8	
12 2-Chlorophenol	128	3.157	3.157	0.000	66	260758	50.0	49.7	
13 n-Decane	43	3.198	3.198	0.000	91	311003	50.0	50.4	
14 1,3-Dichlorobenzene	146	3.272	3.272	0.000	93	280708	50.0	49.4	
* 15 1,4-Dichlorobenzene-d4	152	3.313	3.313	0.000	97	150237	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.325	3.325	0.000	93	286960	50.0	49.4	
17 Benzyl alcohol	108	3.413	3.413	0.000	90	172966	50.0	49.9	
18 1,2-Dichlorobenzene	146	3.437	3.437	0.000	89	268000	50.0	49.1	
19 2-Methylphenol	108	3.496	3.496	0.000	82	229308	50.0	49.3	
20 2,2'-oxybis[1-chloropropane]	45	3.522	3.522	0.000	92	391846	50.0	51.8	
130 N-Methylaniline	106	3.608	3.608	0.000	82	395955	50.0	48.6	a
21 Acetophenone	105	3.617	3.617	0.000	86	378396	50.0	50.0	
22 4-Methylphenol	108	3.617	3.617	0.000	68	268410	50.0	50.0	
23 3 & 4 Methylphenol	108	3.617	3.617	0.000	81	268410	50.0	50.0	
24 N-Nitrosodi-n-propylamine	70	3.622	3.622	0.000	90	171548	50.0	51.3	
25 Hexachloroethane	117	3.690	3.690	0.000	94	115620	50.0	50.8	
$ 26 Nitrobenzene-d5	82	3.728	3.728	0.000	92	288689	50.0	48.2	
27 Nitrobenzene	123	3.743	3.743	0.000	88	131625	50.0	52.6	
28 n,n'-Dimethylaniline	120	3.746	3.746	0.000	86	412929	50.0	50.8	
29 Isophorone	82	3.929	3.929	0.000	98	506068	50.0	50.1	
30 2-Nitrophenol	139	3.982	3.982	0.000	86	136961	50.0	50.2	
31 2,4-Dimethylphenol	122	4.023	4.023	0.000	90	226969	50.0	50.0	
32 Bis(2-chloroethoxy)methane	93	4.103	4.103	0.000	95	308802	50.0	49.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.121	4.121	0.000	90	162736	50.0	54.0	
34 2,4-Dichlorophenol	162	4.165	4.165	0.000	93	211542	50.0	49.8	
35 1,2,4-Trichlorobenzene	180	4.233	4.233	0.000	92	233660	50.0	52.1	
* 36 Naphthalene-d8	136	4.274	4.274	0.000	100	587248	40.0	40.0	
37 Naphthalene	128	4.291	4.291	0.000	99	759114	50.0	50.1	
38 4-Chloroaniline	127	4.339	4.339	0.000	90	325752	50.0	49.9	
39 Hexachlorobutadiene	225	4.392	4.392	0.000	95	134836	50.0	48.9	
40 Caprolactam	113	4.613	4.613	0.000	88	38846	20.0	23.1	M
41 4-Chloro-3-methylphenol	107	4.716	4.716	0.000	94	219604	50.0	50.1	
42 2-Methylnaphthalene	142	4.822	4.822	0.000	80	511164	50.0	49.1	
43 1-Methylnaphthalene	142	4.896	4.896	0.000	91	471288	50.0	49.1	
44 Hexachlorocyclopentadiene	237	4.946	4.946	0.000	86	152259	50.0	54.4	
45 1,2,4,5-Tetrachlorobenzene	216	4.949	4.949	0.000	95	235756	50.0	53.0	
46 2-tertbutyl-4-methylphenol	149	4.993	4.993	0.000	90	326629	50.0	50.3	
47 2,4,6-Trichlorophenol	196	5.040	5.040	0.000	88	161427	50.0	54.5	
48 2,4,5-Trichlorophenol	196	5.064	5.064	0.000	95	174111	50.0	53.0	
$ 50 2-Fluorobiphenyl	172	5.111	5.111	0.000	97	570903	50.0	50.1	
51 1,1'-Biphenyl	154	5.185	5.185	0.000	96	617285	50.0	52.8	
52 2-Chloronaphthalene	162	5.194	5.194	0.000	96	474422	50.0	52.6	
53 Phenyl ether	170	5.267	5.267	0.000	89	328940	50.0	51.1	
54 2-Nitroaniline	65	5.276	5.276	0.000	93	203554	50.0	54.2	
55 1,3-Dimethylnaphthalene	156	5.362	5.362	0.000	91	404551	50.0	54.0	
56 Dimethyl phthalate	163	5.432	5.432	0.000	96	559677	50.0	53.7	
57 Coumarin	146	5.432	5.432	0.000	70	197205	50.0	50.9	
58 2,6-Dinitrotoluene	165	5.471	5.471	0.000	76	124139	50.0	56.1	
59 Acenaphthylene	152	5.506	5.506	0.000	97	720268	50.0	49.9	
60 3-Nitroaniline	138	5.592	5.592	0.000	92	141426	50.0	52.9	
* 61 Acenaphthene-d10	164	5.612	5.612	0.000	84	320214	40.0	40.0	
62 Acenaphthene	154	5.639	5.639	0.000	94	441258	50.0	53.0	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.651	5.651	0.000	94	415312	50.0	52.2	
64 2,4-Dinitrophenol	184	5.671	5.671	0.000	64	134934	100.0	97.6	
65 4-Nitrophenol	65	5.727	5.727	0.000	93	236939	100.0	109.1	
67 2,4-Dinitrotoluene	165	5.769	5.769	0.000	68	172474	50.0	58.0	
66 Dibenzofuran	168	5.772	5.772	0.000	91	672747	50.0	52.8	
68 2,3,4,6-Tetrachlorophenol	232	5.863	5.863	0.000	92	140229	50.0	54.1	
69 Diethyl phthalate	149	5.972	5.972	0.000	98	563978	50.0	53.5	
70 Fluorene	166	6.028	6.028	0.000	83	534871	50.0	52.3	
71 4-Chlorophenyl phenyl ether	204	6.037	6.037	0.000	85	258725	50.0	52.4	
72 4-Nitroaniline	138	6.058	6.058	0.000	43	134018	50.0	51.1	
73 4,6-Dinitro-2-methylphenol	198	6.076	6.076	0.000	74	175618	100.0	102.2	
74 N-Nitrosodiphenylamine	169	6.129	6.129	0.000	31	391476	50.0	51.5	
75 1,2-Diphenylhydrazine	77	6.158	6.158	0.000	51	584292	50.0	52.8	
$ 76 2,4,6-Tribromophenol	330	6.208	6.208	0.000	95	111748	50.0	52.6	
77 4-Bromophenyl phenyl ether	248	6.403	6.403	0.000	85	159461	50.0	52.2	
78 Hexachlorobenzene	284	6.436	6.436	0.000	88	194380	50.0	52.0	
79 Atrazine	200	6.542	6.542	0.000	88	63724	20.0	22.0	
80 Pentachlorophenol	266	6.589	6.589	0.000	88	250583	100.0	110.0	
81 Pentachloronitrobenzene	237	6.598	6.598	0.000	83	77318	50.0	52.6	
82 n-Octadecane	57	6.686	6.686	0.000	91	471005	50.0	54.5	
* 83 Phenanthrene-d10	188	6.731	6.731	0.000	99	579263	40.0	40.0	
84 Phenanthrene	178	6.748	6.748	0.000	98	784228	50.0	51.9	
85 Anthracene	178	6.787	6.787	0.000	98	808289	50.0	52.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.914	6.914	0.000	83	736250	50.0	51.8	
88 Di-n-butyl phthalate	149	7.200	7.200	0.000	100	978432	50.0	53.7	
89 Fluoranthene	202	7.639	7.639	0.000	98	880487	50.0	54.2	
90 Benzidine	184	7.754	7.754	0.000	99	458867	50.0	52.7	
91 Pyrene	202	7.807	7.807	0.000	97	894501	50.0	53.7	
92 Bisphenol-A	213	7.863	7.863	0.000	98	412335	50.0	56.5	
$ 93 Terphenyl-d14	244	7.940	7.940	0.000	98	735440	50.0	52.2	
95 Butyl benzyl phthalate	149	8.333	8.333	0.000	98	423912	50.0	54.7	
96 2,3,7,8-TCDD	320	8.377	8.377	0.000	59	1353	0.5000	0.5000	
97 Carbamazepine	193	8.407	8.407	0.000	90	391679	50.0	54.5	
99 3,3'-Dichlorobenzidine	252	8.758	8.758	0.000	93	359404	50.0	58.6	
100 Benzo[a]anthracene	228	8.767	8.767	0.000	99	852092	50.0	53.1	
* 98 Chrysene-d12	240	8.776	8.776	0.000	99	529974	40.0	40.0	
101 Chrysene	228	8.799	8.799	0.000	95	846849	50.0	52.9	
102 Bis(2-ethylhexyl) phthalate	149	8.838	8.838	0.000	79	624461	50.0	54.2	
103 Di-n-octyl phthalate	149	9.472	9.472	0.000	97	1074663	50.0	55.0	
104 Benzo[b]fluoranthene	252	9.794	9.794	0.000	98	804528	50.0	57.3	
105 Benzo[k]fluoranthene	252	9.827	9.827	0.000	95	914380	50.0	54.9	
106 Benzo[a]pyrene	252	10.127	10.127	0.000	96	831474	50.0	58.6	
* 107 Perylene-d12	264	10.187	10.187	0.000	98	553160	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.310	11.310	0.000	91	754564	50.0	55.4	M
109 Dibenz(a,h)anthracene	278	11.342	11.342	0.000	95	818113	50.0	54.9	
110 Benzo[g,h,i]perylene	276	11.594	11.594	0.000	95	826571	50.0	53.7	
131 2,6-Dichlorophenol	162	4.342	4.342	0.000	85	213341	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L7_00003 Amount Added: 1.00 Units: mL

Report Date: 30-Mar-2022 11:19:31 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460645.D

Injection Date: 30-Mar-2022 08:33:45 Instrument ID: CBNAMS15 Operator ID:

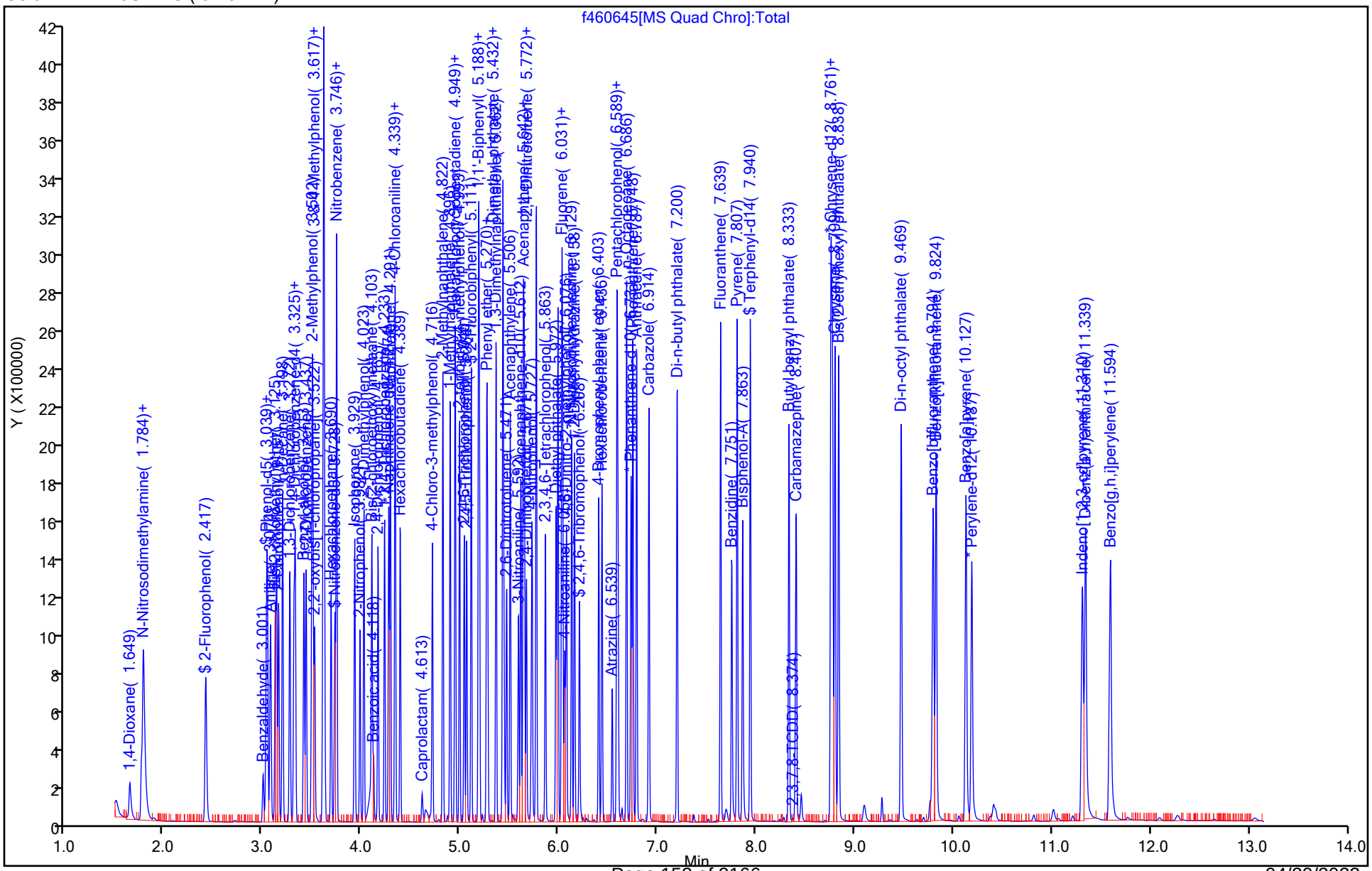
Lims ID: ICIS Worklist Smp#: 2

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460645.D
Injection Date: 30-Mar-2022 08:33:45 Instrument ID: CBNAMS15
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL

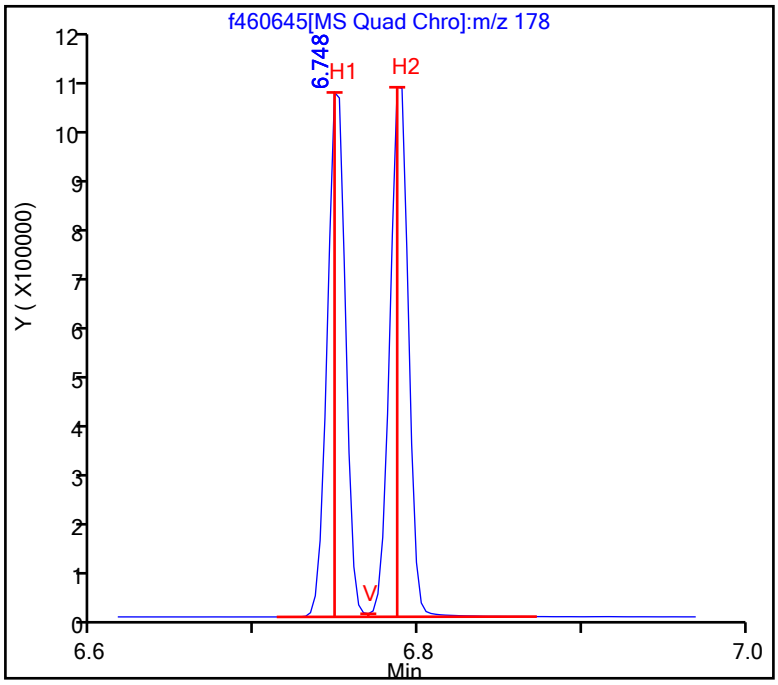
84 Phenanthrene - 85 Anthracene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 5773
H1(84 Phenanthrene) = 1003871
H2(85 Anthracene) = 1013663

Version D: %R = 0.6 <= 50.0
Passed



Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460645.D
Injection Date: 30-Mar-2022 08:33:45 Instrument ID: CBNAMS15
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL

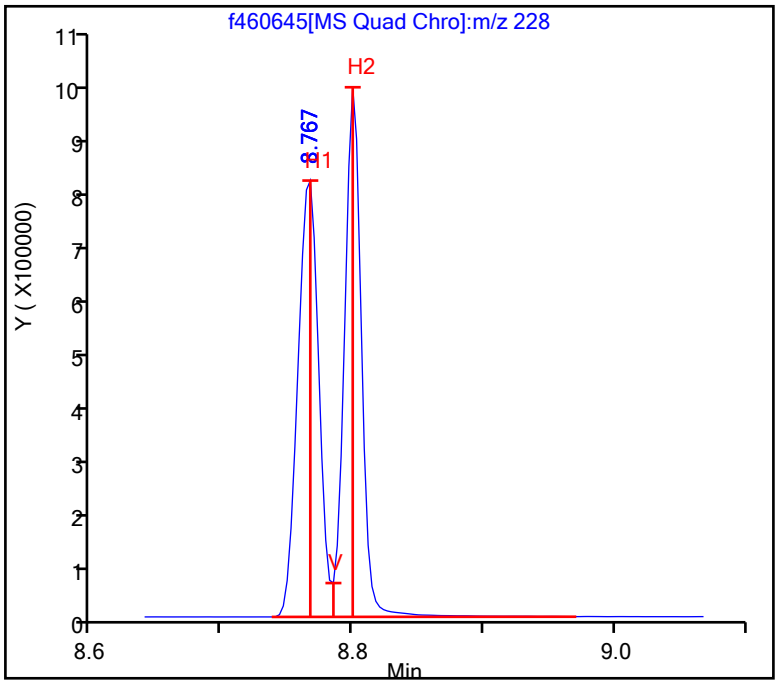
100 Benzo[a]anthracene - 101 Chrysene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 58939
H1(100 Benzo[a]anthracene) = 760193
H2(101 Chrysene) = 922718

Version D: %R = 7.0 <= 50.0
Passed



Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460645.D
Injection Date: 30-Mar-2022 08:33:45 Instrument ID: CBNAMS15
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL

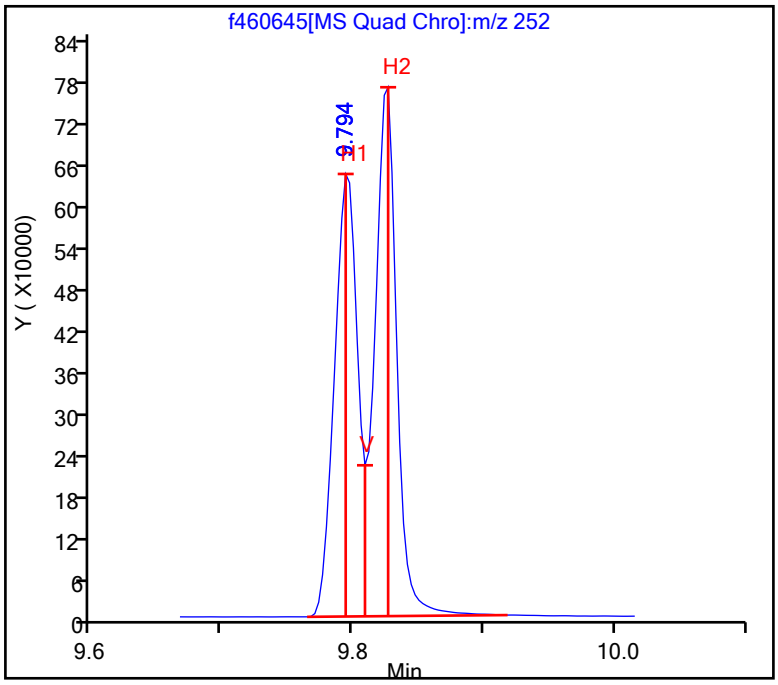
104 Benzo[b]fluoranthene - 105 Benzo[k]fluoranthene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 219273
H1(104 BenzoBFluor) = 642416
H2(105 BenzoKFluor) = 767763

Version D: %R = 31.1 <= 50.0
Passed



Manual Integration/User Assign Peak Report

Eurofins Edison

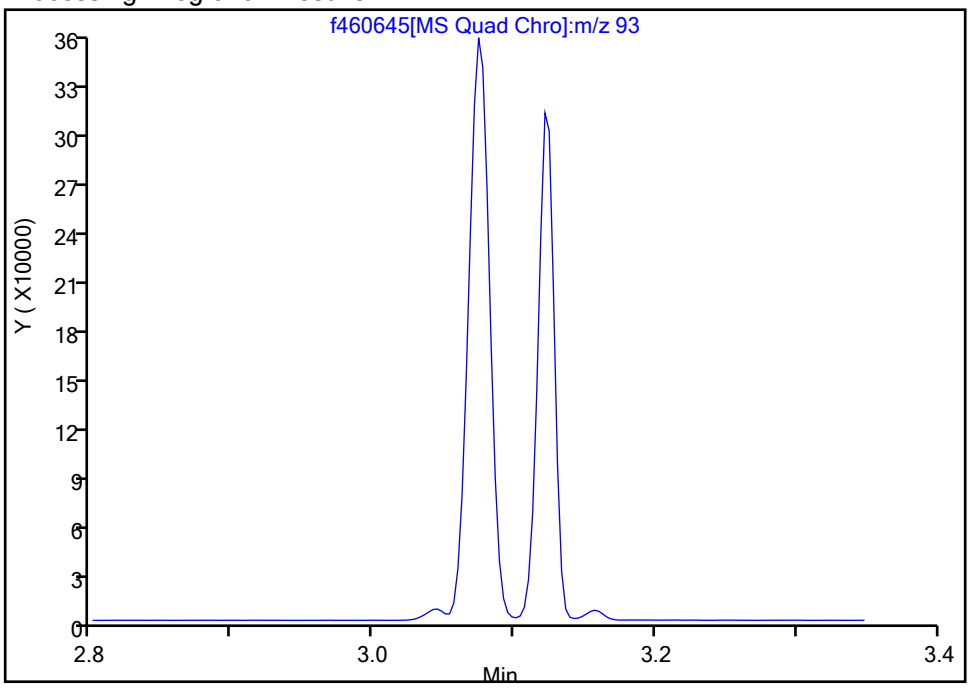
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460645.D
Injection Date: 30-Mar-2022 08:33:45 Instrument ID: CBNAMS15
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

10 Aniline, CAS: 62-53-3

Signal: 1

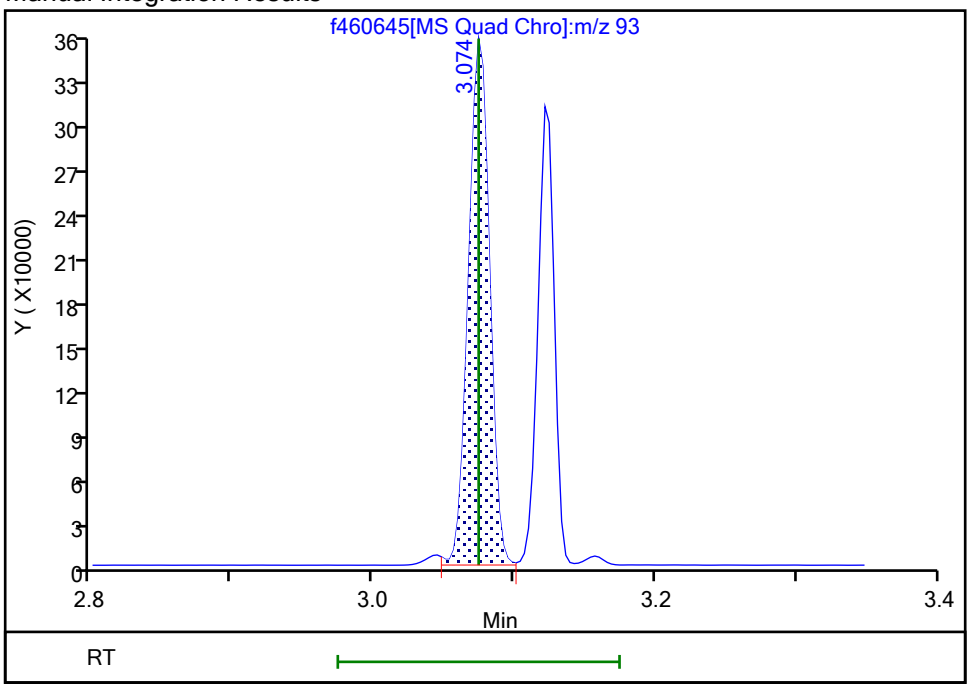
Not Detected
Expected RT: 3.07

Processing Integration Results



Manual Integration Results

RT: 3.07
Area: 374459
Amount: 49.361318
Amount Units: ug/ml



Reviewer: johnstonm1, 30-Mar-2022 08:52:48
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

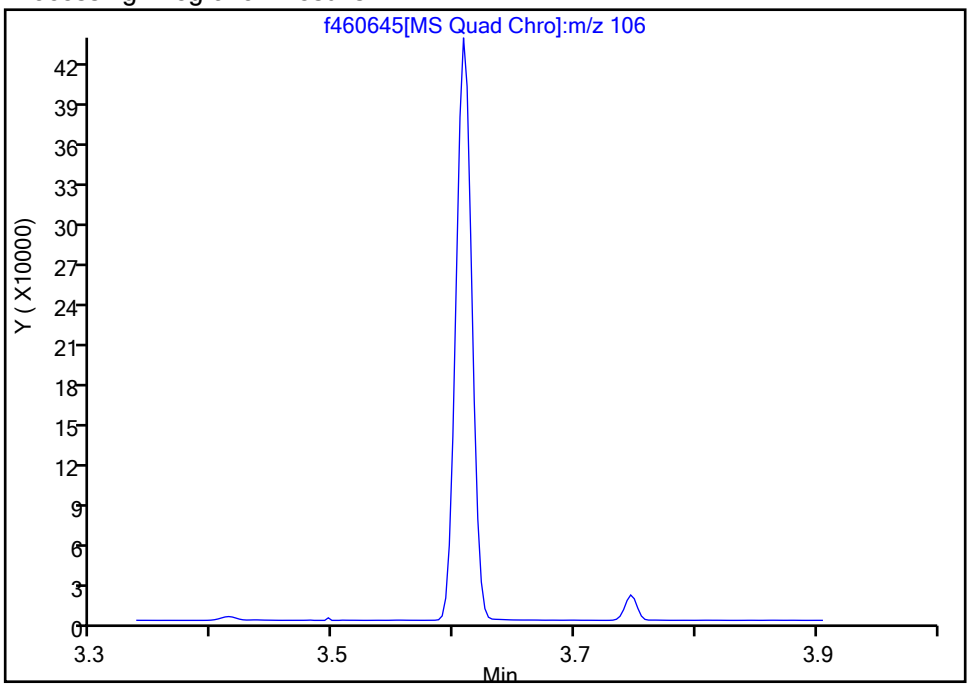
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460645.D
Injection Date: 30-Mar-2022 08:33:45 Instrument ID: CBNAMS15
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

130 N-Methylaniline, CAS: 100-61-8

Signal: 1

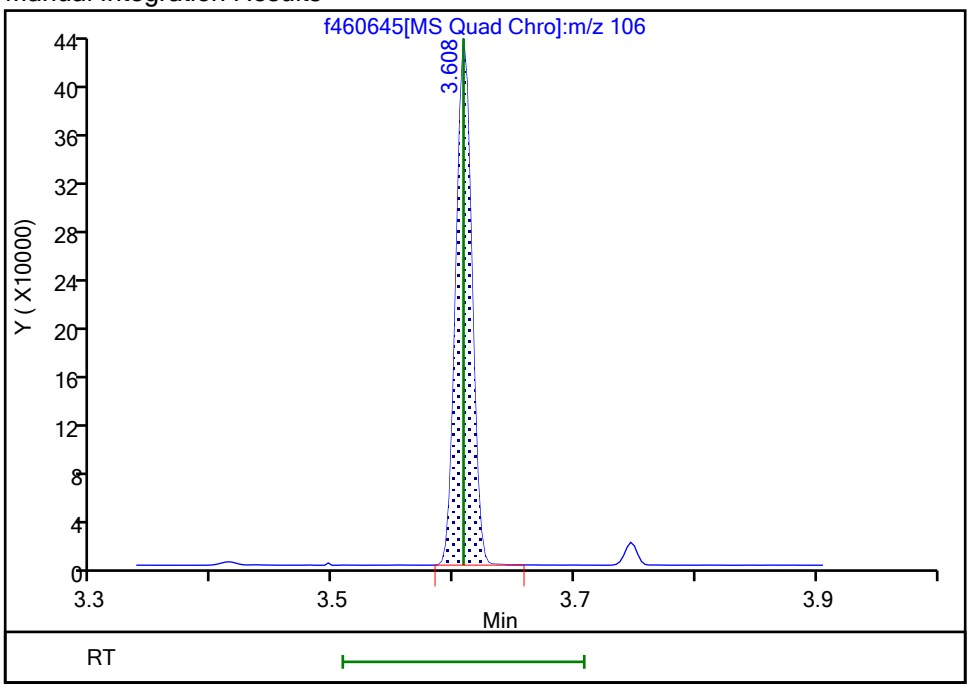
Not Detected
Expected RT: 3.61

Processing Integration Results



Manual Integration Results

RT: 3.61
Area: 395955
Amount: 48.560991
Amount Units: ug/ml



Reviewer: johnstonm1, 30-Mar-2022 08:51:58
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

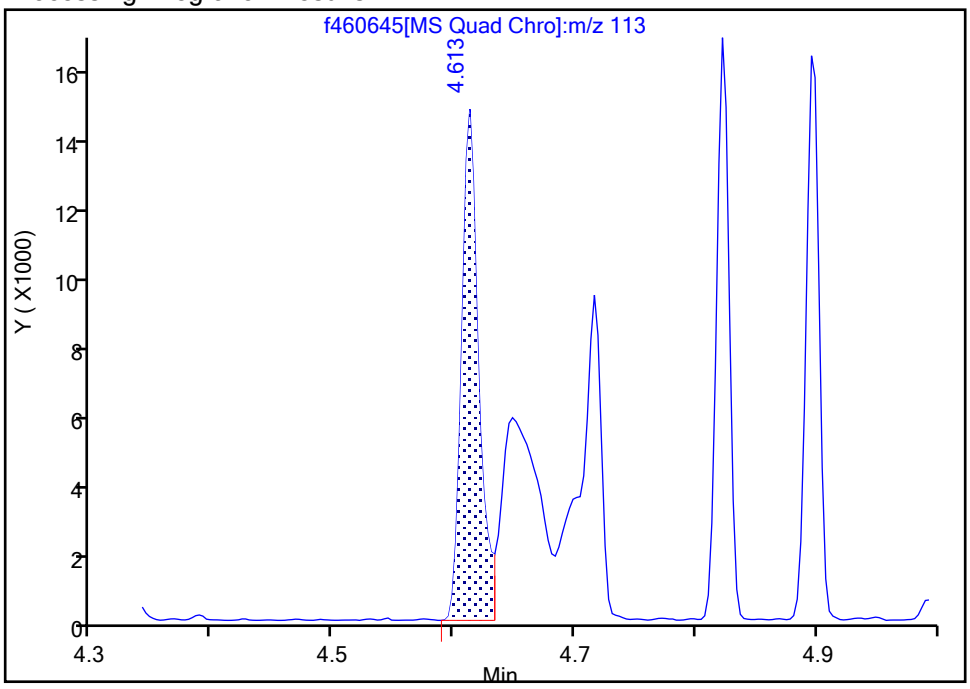
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460645.D
Injection Date: 30-Mar-2022 08:33:45 Instrument ID: CBNAMS15
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

40 Caprolactam, CAS: 105-60-2

Signal: 1

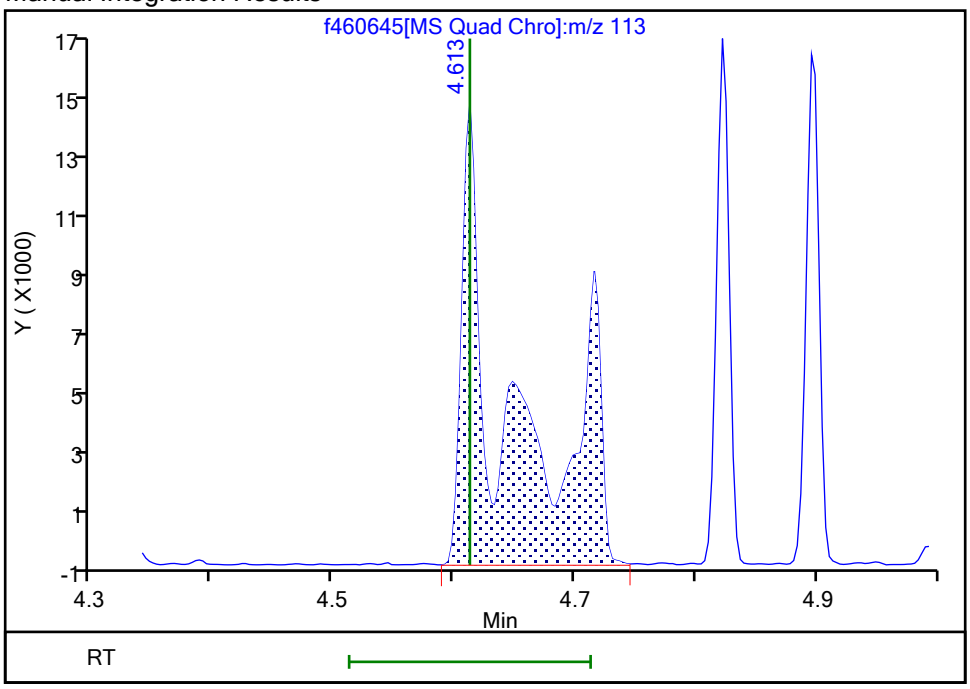
Processing Integration Results

RT: 4.61
Area: 14642
Amount: 20.000000
Amount Units: ug/ml



Manual Integration Results

RT: 4.61
Area: 38846
Amount: 23.074222
Amount Units: ug/ml



Reviewer: johnstonm1, 30-Mar-2022 09:41:41
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

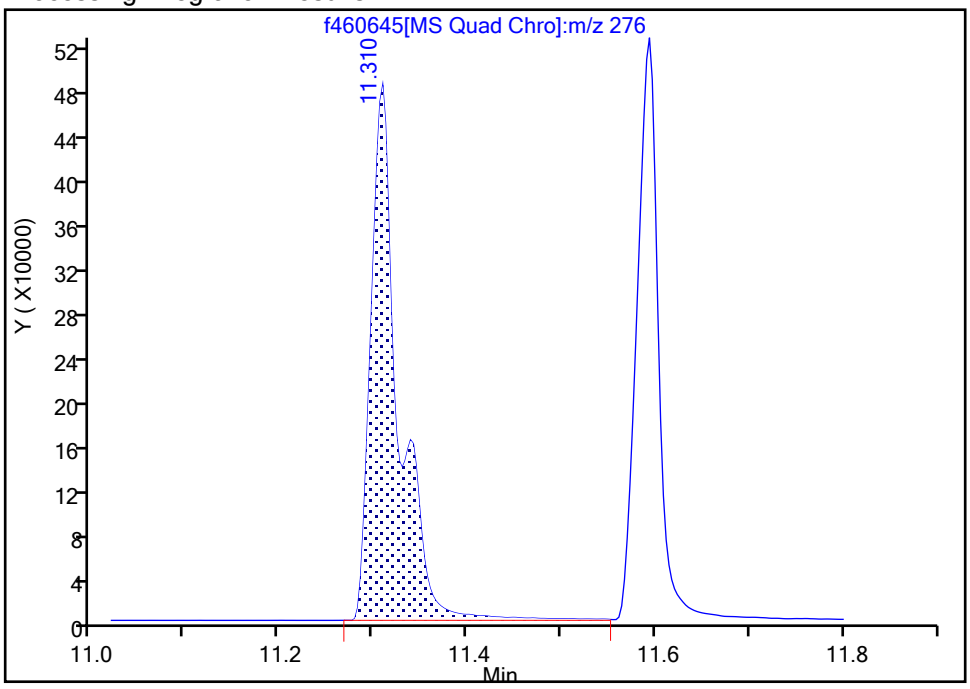
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460645.D				
Injection Date:	30-Mar-2022 08:33:45	Instrument ID:	CBNAMS15		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

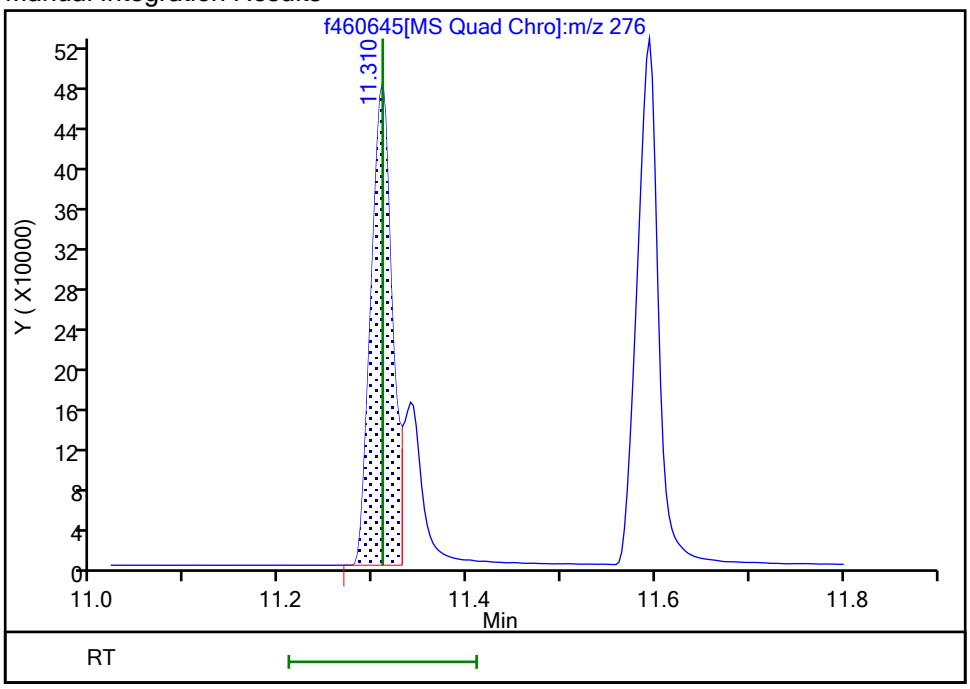
Processing Integration Results

RT: 11.31
Area: 986669
Amount: 71.059669
Amount Units: ug/ml



Manual Integration Results

RT: 11.31
Area: 754564
Amount: 55.412002
Amount Units: ug/ml



Reviewer: johnstonm1, 30-Mar-2022 08:51:52

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460646.D
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 30-Mar-2022 08:51:05 ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143392-003
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Mar-2022 11:19:34 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1603

First Level Reviewer: johnstonm1 Date: 30-Mar-2022 09:09:24

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.646	1.649	-0.003	95	235778	120.0	118.2	
	2 N-Nitrosodimethylamine	74	1.764	1.766	-0.002	78	352935	120.0	118.9	
	3 Pyridine	79	1.784	1.787	-0.003	83	1212365	240.0	238.9	
$	5 2-Fluorophenol	112	2.415	2.417	-0.002	92	628591	120.0	116.4	
	7 Benzaldehyde	77	2.995	3.001	-0.006	90	59024	32.0	13.6	
$	8 Phenol-d5	99	3.036	3.033	0.003	92	781364	120.0	118.0	
	9 Phenol	94	3.048	3.045	0.003	98	770205	120.0	119.7	
	10 Aniline	93	3.074	3.074	0.000	98	926967	120.0	120.8	
	11 Bis(2-chloroethyl)ether	93	3.122	3.122	0.000	90	609791	120.0	118.3	
	12 2-Chlorophenol	128	3.157	3.157	0.000	79	634358	120.0	119.4	
	13 n-Decane	43	3.192	3.198	-0.006	91	756711	120.0	121.3	
	14 1,3-Dichlorobenzene	146	3.266	3.272	-0.006	94	682985	120.0	118.8	
*	15 1,4-Dichlorobenzene-d4	152	3.307	3.313	-0.006	82	151938	40.0	40.0	
	16 1,4-Dichlorobenzene	146	3.322	3.325	-0.003	93	699057	120.0	119.0	
	17 Benzyl alcohol	108	3.413	3.413	0.000	90	418709	120.0	119.4	
	18 1,2-Dichlorobenzene	146	3.431	3.437	-0.006	94	649731	120.0	117.7	
	19 2-Methylphenol	108	3.493	3.496	-0.003	83	565067	120.0	120.1	
	20 2,2'-oxybis[1-chloropropane]	45	3.517	3.522	-0.006	92	907123	120.0	118.5	
	130 N-Methylaniline	106	3.605	3.608	-0.003	92	1036001	120.0	125.6	a
	21 Acetophenone	105	3.617	3.617	0.000	91	905801	120.0	118.3	
	22 4-Methylphenol	108	3.623	3.617	0.006	76	650460	120.0	119.8	a
	23 3 & 4 Methylphenol	108	3.623	3.617	0.006	74	650460	120.0	119.8	a
	24 N-Nitrosodi-n-propylamine	70	3.637	3.622	0.015	91	397025	120.0	117.4	M
	25 Hexachloroethane	117	3.684	3.690	-0.006	95	277648	120.0	120.7	
$	26 Nitrobenzene-d5	82	3.729	3.728	0.001	92	702134	120.0	117.1	
	27 Nitrobenzene	123	3.746	3.743	0.003	81	316038	120.0	124.9	
	28 n,n'-Dimethylaniline	120	3.746	3.746	0.000	86	1027647	120.0	125.1	
	29 Isophorone	82	3.935	3.929	0.006	98	1196051	120.0	118.1	
	30 2-Nitrophenol	139	3.979	3.982	-0.003	86	336966	120.0	123.3	
	31 2,4-Dimethylphenol	122	4.023	4.023	0.000	90	546942	120.0	120.2	
	32 Bis(2-chloroethoxy)methane	93	4.100	4.103	-0.003	96	740299	120.0	118.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.156	4.121	0.035	83	415092	120.0	137.5	
34 2,4-Dichlorophenol	162	4.165	4.165	0.000	93	513771	120.0	120.8	
35 1,2,4-Trichlorobenzene	180	4.230	4.233	-0.003	94	542397	120.0	120.9	
* 36 Naphthalene-d8	136	4.271	4.274	-0.003	100	588110	40.0	40.0	
37 Naphthalene	128	4.289	4.291	-0.002	99	1795016	120.0	118.4	
38 4-Chloroaniline	127	4.339	4.339	0.000	90	784361	120.0	119.9	
39 Hexachlorobutadiene	225	4.386	4.392	-0.006	94	327125	120.0	118.5	
40 Caprolactam	113	4.716	4.613	0.103	30	68460	32.0	40.6	M
41 4-Chloro-3-methylphenol	107	4.716	4.716	0.000	97	528375	120.0	120.3	
42 2-Methylnaphthalene	142	4.819	4.822	-0.003	81	1265451	120.0	121.5	
43 1-Methylnaphthalene	142	4.896	4.896	0.000	89	1155383	120.0	120.2	
44 Hexachlorocyclopentadiene	237	4.943	4.946	-0.003	88	406308	120.0	136.1	
45 1,2,4,5-Tetrachlorobenzene	216	4.949	4.949	0.000	96	580877	120.0	122.4	
46 2-tertbutyl-4-methylphenol	149	4.990	4.993	-0.003	88	813856	120.0	125.2	
47 2,4,6-Trichlorophenol	196	5.037	5.040	-0.003	88	386465	120.0	122.5	
48 2,4,5-Trichlorophenol	196	5.064	5.064	0.000	95	422630	120.0	120.7	
$ 50 2-Fluorobiphenyl	172	5.108	5.111	-0.003	97	1413107	120.0	116.4	
51 1,1'-Biphenyl	154	5.185	5.185	0.000	96	1502703	120.0	120.6	
52 2-Chloronaphthalene	162	5.194	5.194	0.000	96	1144508	120.0	118.9	
53 Phenyl ether	170	5.267	5.267	0.000	88	862561	120.0	125.6	
54 2-Nitroaniline	65	5.279	5.276	0.003	96	486764	120.0	121.7	
55 1,3-Dimethylnaphthalene	156	5.362	5.362	0.000	91	983241	120.0	123.2	
56 Dimethyl phthalate	163	5.438	5.432	0.006	95	1320818	120.0	118.9	
57 Coumarin	146	5.435	5.432	0.003	65	482264	120.0	124.2	
58 2,6-Dinitrotoluene	165	5.474	5.471	0.003	65	298261	120.0	126.5	
59 Acenaphthylene	152	5.506	5.506	0.000	85	1859433	120.0	120.9	
60 3-Nitroaniline	138	5.594	5.592	0.002	92	334407	120.0	117.5	
* 61 Acenaphthene-d10	164	5.612	5.612	0.000	96	341305	40.0	40.0	
62 Acenaphthene	154	5.639	5.639	0.000	95	1065217	120.0	120.0	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.648	5.651	-0.003	96	1043335	120.0	123.1	
64 2,4-Dinitrophenol	184	5.677	5.671	0.006	65	369991	240.0	244.8	
65 4-Nitrophenol	65	5.736	5.727	0.009	93	565921	240.0	244.6	
67 2,4-Dinitrotoluene	165	5.774	5.769	0.005	62	408555	120.0	128.8	
66 Dibenzofuran	168	5.771	5.772	-0.001	92	1589807	120.0	117.0	
68 2,3,4,6-Tetrachlorophenol	232	5.863	5.863	0.000	92	336120	120.0	121.7	
69 Diethyl phthalate	149	5.975	5.972	0.003	98	1342542	120.0	119.5	
70 Fluorene	166	6.028	6.028	0.000	83	1313938	120.0	120.5	
71 4-Chlorophenyl phenyl ether	204	6.037	6.037	0.000	85	618526	120.0	117.5	
72 4-Nitroaniline	138	6.075	6.058	0.017	87	320086	120.0	114.4	
73 4,6-Dinitro-2-methylphenol	198	6.087	6.076	0.011	80	453806	240.0	249.6	
74 N-Nitrosodiphenylamine	169	6.134	6.129	0.005	27	939524	120.0	118.2	
75 1,2-Diphenylhydrazine	77	6.158	6.158	0.000	20	1371153	120.0	118.6	
$ 76 2,4,6-Tribromophenol	330	6.211	6.208	0.003	94	281758	120.0	124.4	
77 4-Bromophenyl phenyl ether	248	6.403	6.403	0.000	86	385106	120.0	120.6	
78 Hexachlorobenzene	284	6.438	6.436	0.002	86	472850	120.0	121.1	
79 Atrazine	200	6.541	6.542	-0.001	88	96427	32.0	31.8	
80 Pentachlorophenol	266	6.591	6.589	0.002	90	619441	240.0	260.3	
81 Pentachloronitrobenzene	237	6.597	6.598	-0.001	71	195526	120.0	127.3	
82 n-Octadecane	57	6.683	6.686	-0.003	90	1140133	120.0	126.3	
* 83 Phenanthrene-d10	188	6.730	6.731	-0.001	99	605301	40.0	40.0	
84 Phenanthrene	178	6.751	6.748	0.003	98	1883864	120.0	119.3	
85 Anthracene	178	6.789	6.787	0.002	97	1947659	120.0	120.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.913	6.914	-0.001	83	1774305	120.0	119.4	
88 Di-n-butyl phthalate	149	7.196	7.200	-0.004	100	2335193	120.0	122.8	
89 Fluoranthene	202	7.638	7.639	-0.001	97	2076544	120.0	122.2	
90 Benzidine	184	7.751	7.754	-0.004	99	1205794	120.0	132.6	
91 Pyrene	202	7.807	7.807	0.000	97	2137953	120.0	118.0	
92 Bisphenol-A	213	7.863	7.863	0.000	98	919713	120.0	115.9	
$ 93 Terphenyl-d14	244	7.940	7.940	0.000	98	1827312	120.0	119.2	
95 Butyl benzyl phthalate	149	8.329	8.333	-0.004	98	1026975	120.0	121.7	
97 Carbamazepine	193	8.412	8.407	0.005	91	998190	120.0	127.6	
99 3,3'-Dichlorobenzidine	252	8.758	8.758	0.000	82	849930	120.0	127.4	
100 Benzo[a]anthracene	228	8.764	8.767	-0.003	99	2129202	120.0	121.9	
* 98 Chrysene-d12	240	8.772	8.776	-0.004	94	576434	40.0	40.0	
101 Chrysene	228	8.799	8.799	0.000	94	2023370	120.0	116.2	
102 Bis(2-ethylhexyl) phthalate	149	8.832	8.838	-0.006	74	1515668	120.0	121.0	
103 Di-n-octyl phthalate	149	9.464	9.472	-0.008	97	2632697	120.0	127.8	
104 Benzo[b]fluoranthene	252	9.795	9.794	0.001	96	2186006	120.0	147.7	
105 Benzo[k]fluoranthene	252	9.825	9.827	-0.001	99	2066176	120.0	117.5	
106 Benzo[a]pyrene	252	10.129	10.127	0.002	95	2011081	120.0	134.3	
* 107 Perylene-d12	264	10.179	10.187	-0.008	98	583668	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.309	11.310	-0.001	99	1982094	120.0	116.1	M
109 Dibenz(a,h)anthracene	278	11.339	11.342	-0.003	95	2063415	120.0	130.9	
110 Benzo[g,h,i]perylene	276	11.596	11.594	0.002	95	2012552	120.0	123.8	
S 117 Total Cresols	1				0			240.0	
131 2,6-Dichlorophenol	162	4.339	4.342	-0.003	0	501951	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L9_00003 Amount Added: 1.00 Units: mL

Report Date: 30-Mar-2022 11:19:36 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460646.D

Injection Date: 30-Mar-2022 08:51:05 Instrument ID: CBNAMS15 Operator ID:

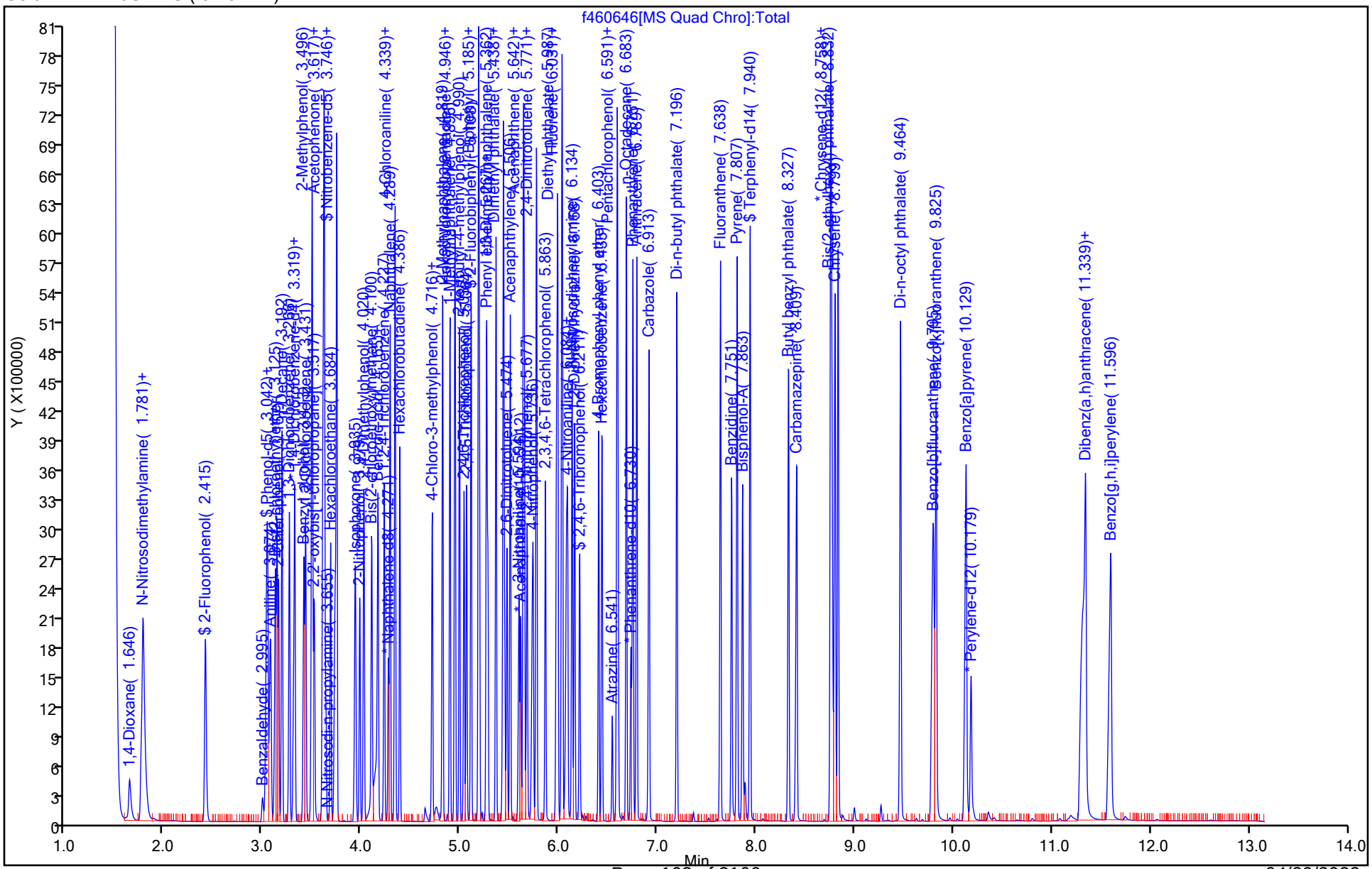
Lims ID: STD120 Worklist Smp#: 3

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison

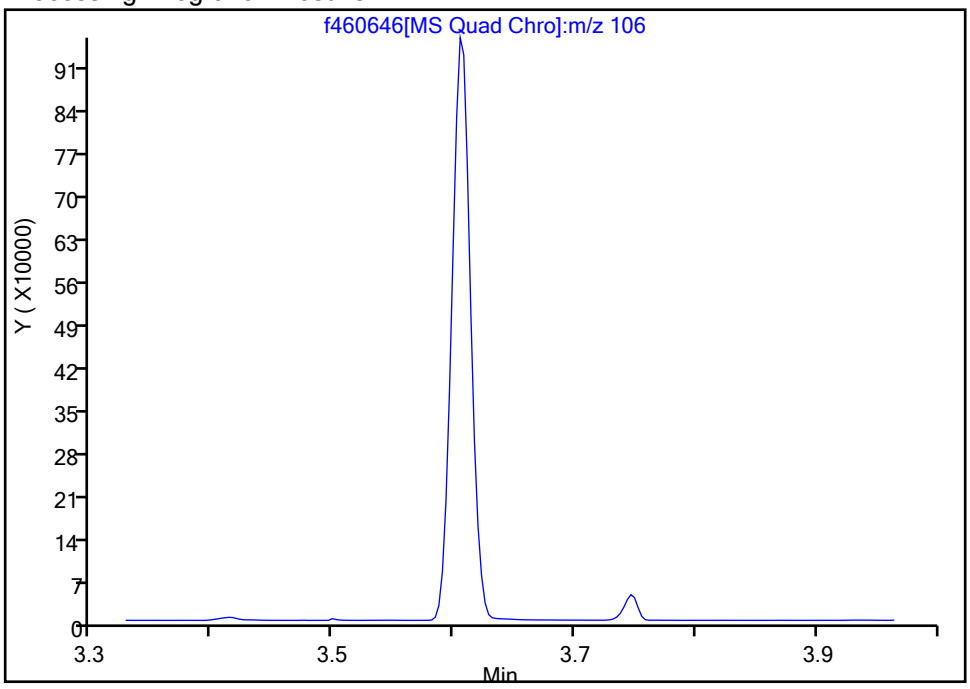
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460646.D
Injection Date: 30-Mar-2022 08:51:05 Instrument ID: CBNAMS15
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

130 N-Methylaniline, CAS: 100-61-8

Signal: 1

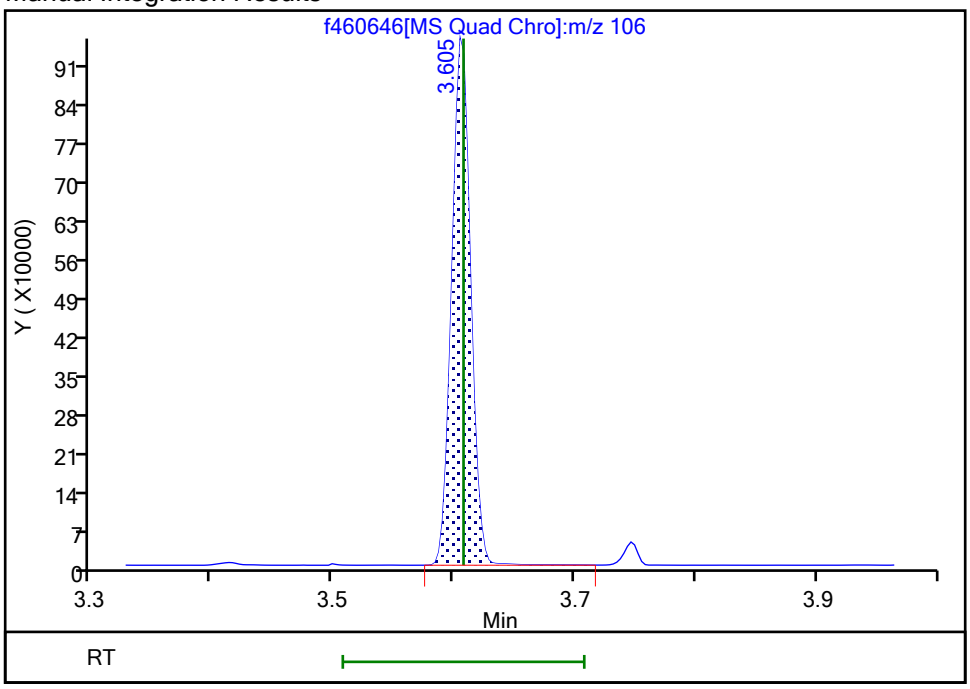
Not Detected
Expected RT: 3.61

Processing Integration Results



Manual Integration Results

RT: 3.60
Area: 1036001
Amount: 125.6355
Amount Units: ug/ml



Reviewer: johnstonm1, 30-Mar-2022 09:08:57
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

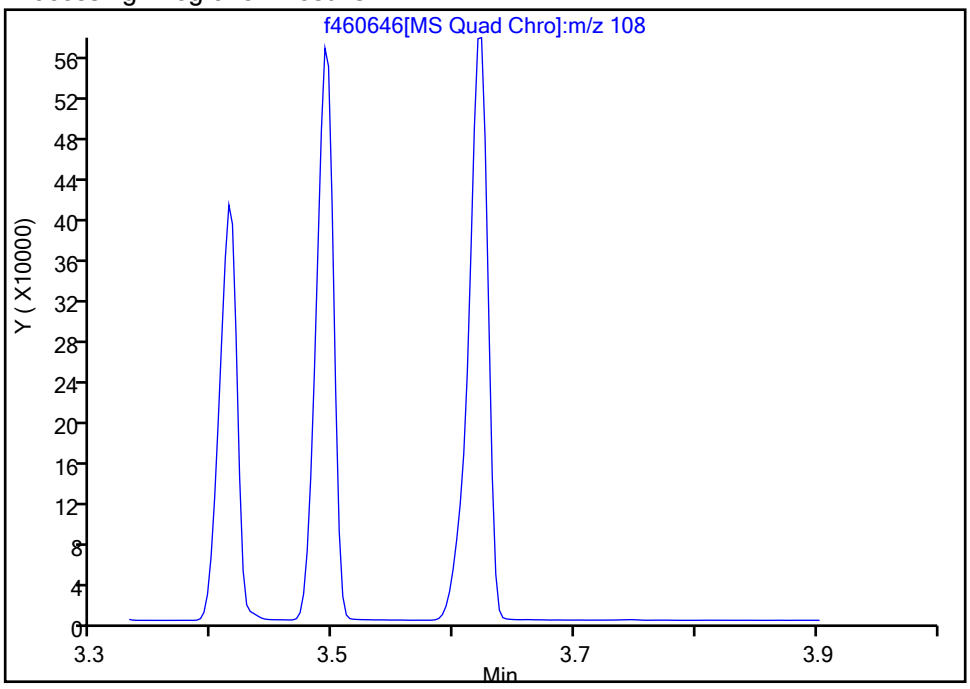
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460646.D				
Injection Date:	30-Mar-2022 08:51:05	Instrument ID:	CBNAMS15		
Lims ID:	STD120				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

23 3 & 4 Methylphenol, CAS: 15831-10-4

Signal: 1

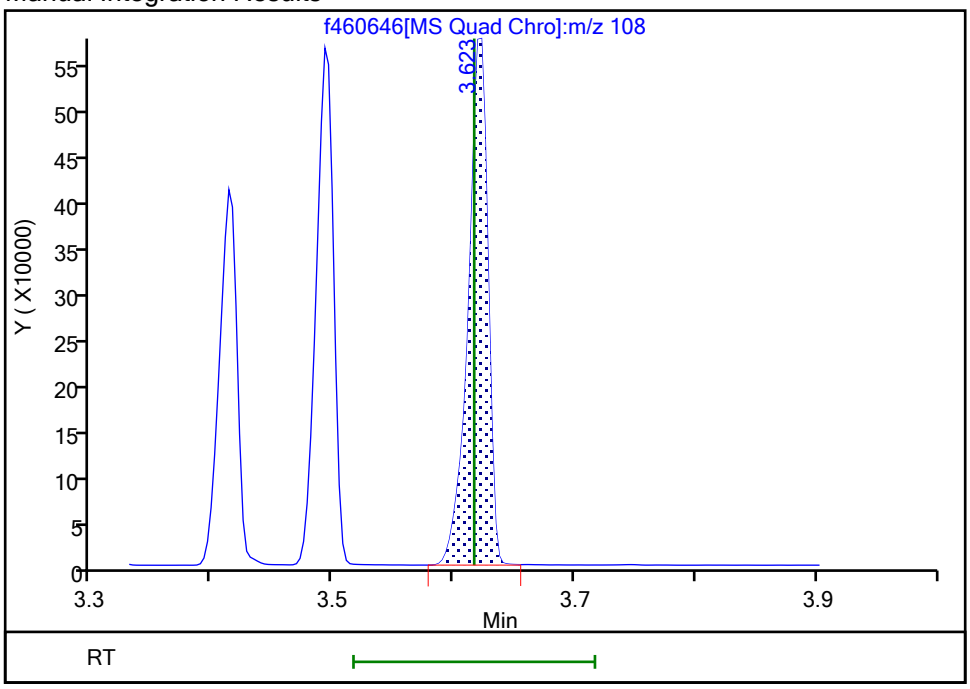
Processing Integration Results

Not Detected
Expected RT: 3.62



Manual Integration Results

RT: 3.62
Area: 650460
Amount: 119.8244
Amount Units: ug/ml



Reviewer: johnstonm1, 30-Mar-2022 09:08:54
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

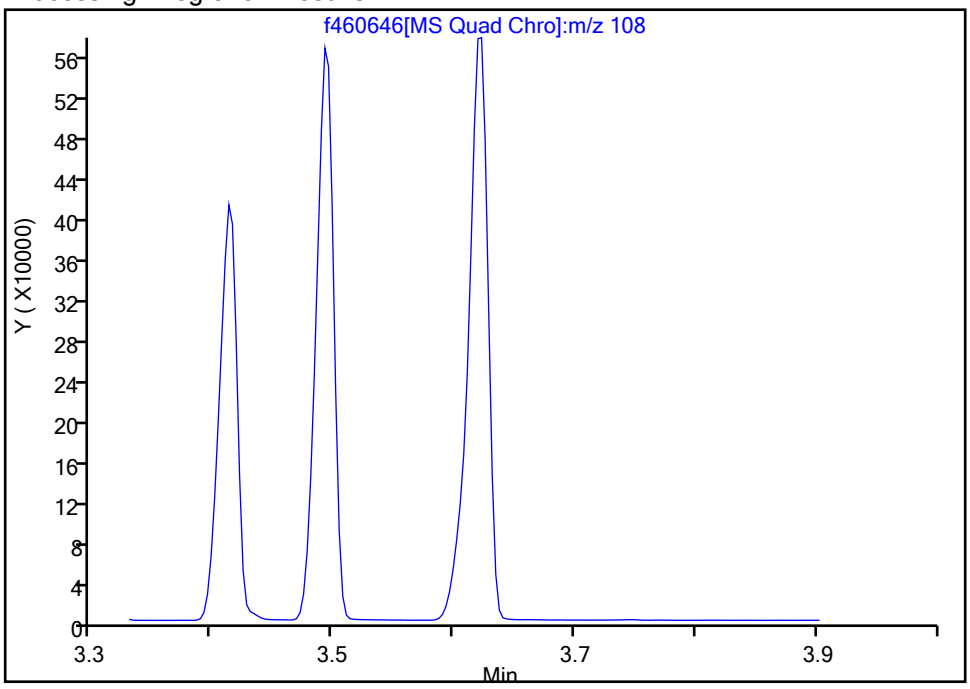
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460646.D				
Injection Date:	30-Mar-2022 08:51:05	Instrument ID:	CBNAMS15		
Lims ID:	STD120				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

22 4-Methylphenol, CAS: 106-44-5

Signal: 1

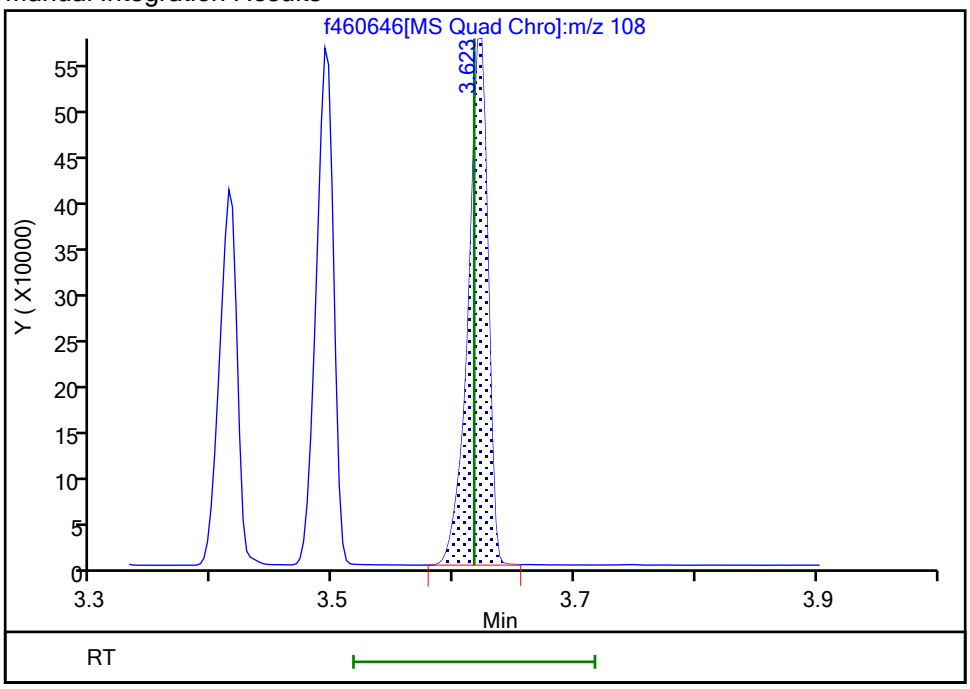
Not Detected
Expected RT: 3.62

Processing Integration Results



Manual Integration Results

RT: 3.62
Area: 650460
Amount: 119.8244
Amount Units: ug/ml



Reviewer: johnstonm1, 30-Mar-2022 09:08:52
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Edison

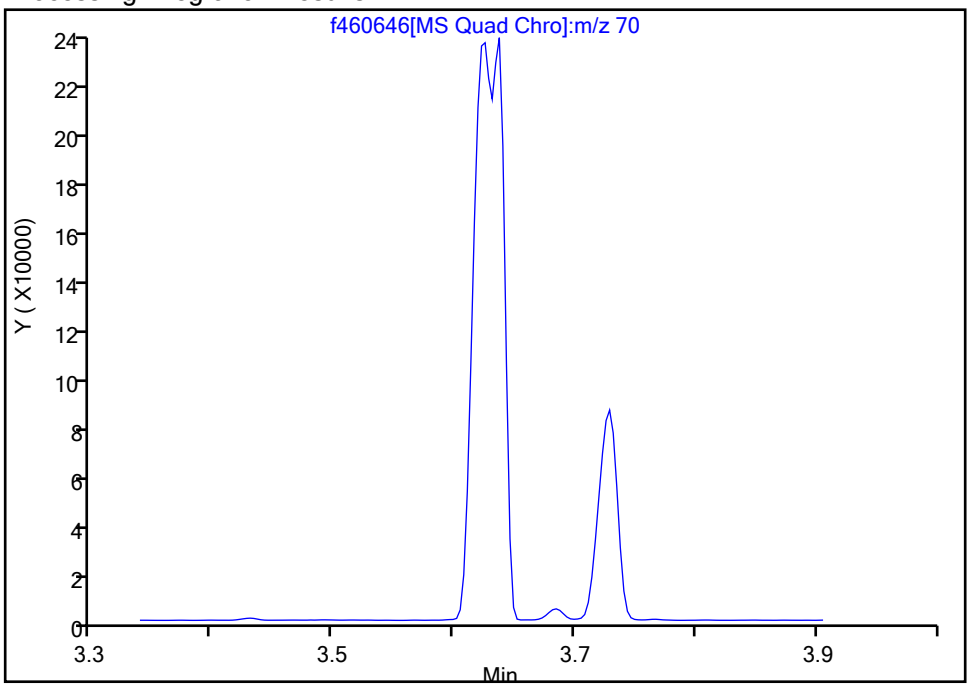
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460646.D
Injection Date: 30-Mar-2022 08:51:05 Instrument ID: CBNAMS15
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

24 N-Nitrosodi-n-propylamine, CAS: 621-64-7

Signal: 1

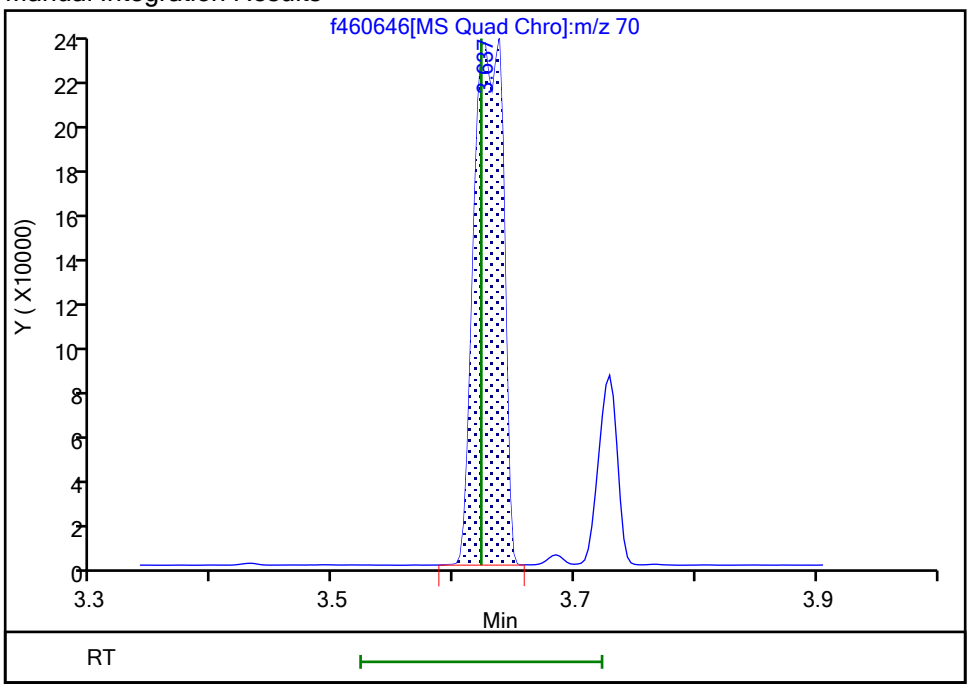
Not Detected
Expected RT: 3.62

Processing Integration Results



Manual Integration Results

RT: 3.64
Area: 397025
Amount: 117.3607
Amount Units: ug/ml



Reviewer: johnstonm1, 30-Mar-2022 09:09:11
Audit Action: Manually Integrated Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

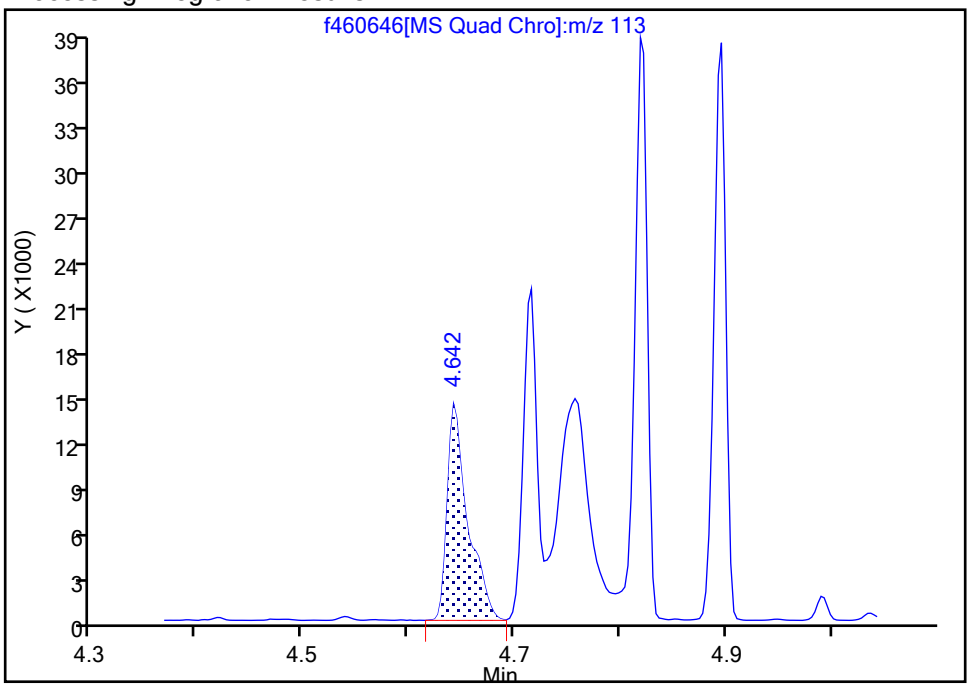
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460646.D
Injection Date: 30-Mar-2022 08:51:05 Instrument ID: CBNAMS15
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

40 Caprolactam, CAS: 105-60-2

Signal: 1

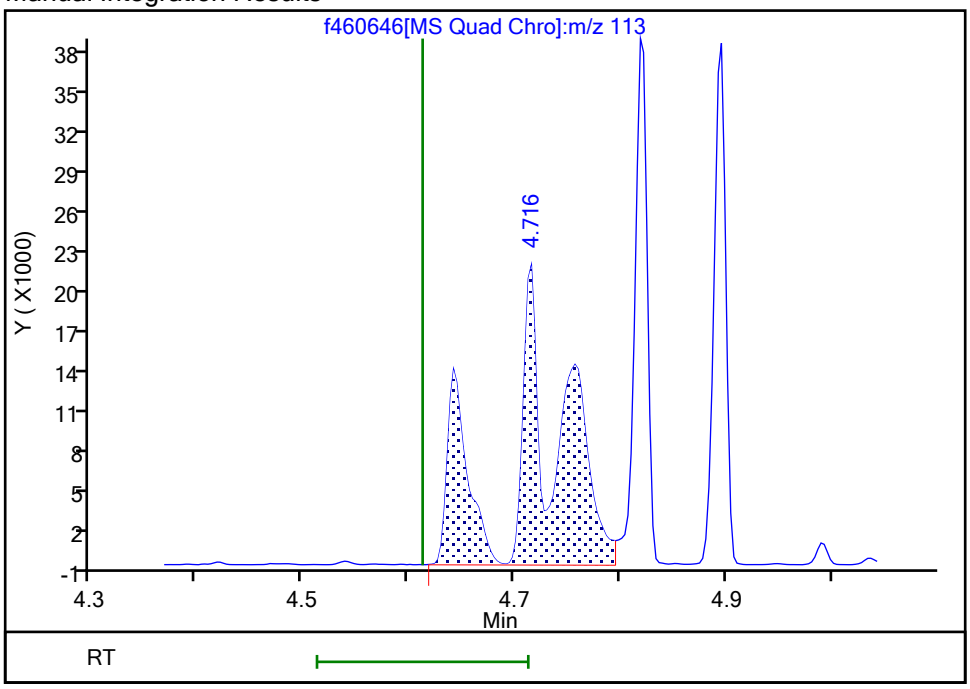
Processing Integration Results

RT: 4.64
Area: 19046
Amount: 19.439283
Amount Units: ug/ml



Manual Integration Results

RT: 4.72
Area: 68460
Amount: 40.605104
Amount Units: ug/ml



Reviewer: johnstonm1, 30-Mar-2022 09:40:36
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

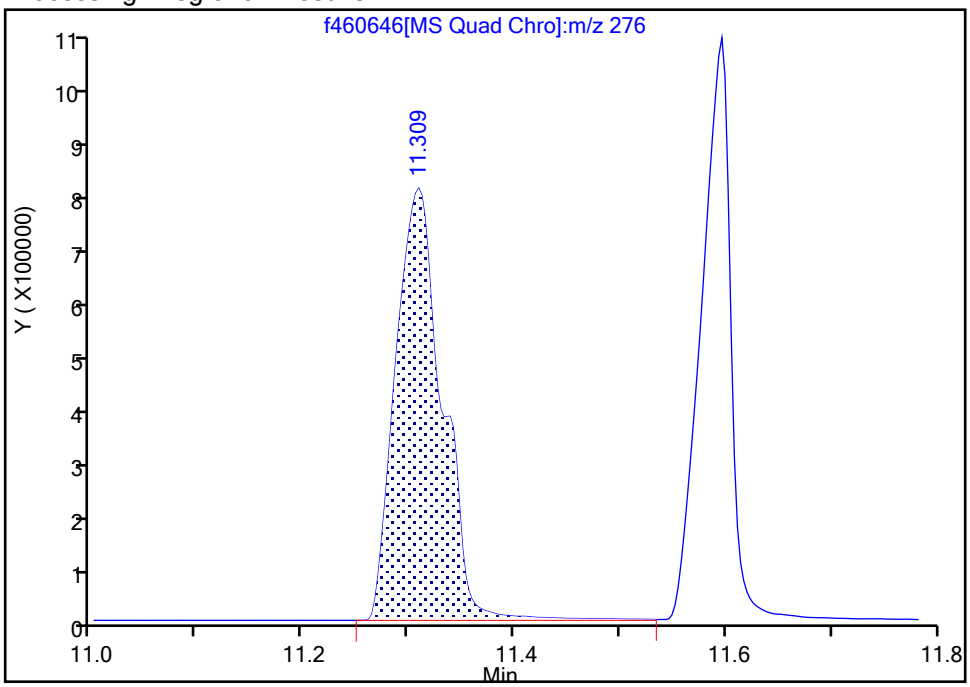
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460646.D				
Injection Date:	30-Mar-2022 08:51:05	Instrument ID:	CBNAMS15		
Lims ID:	STD120				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

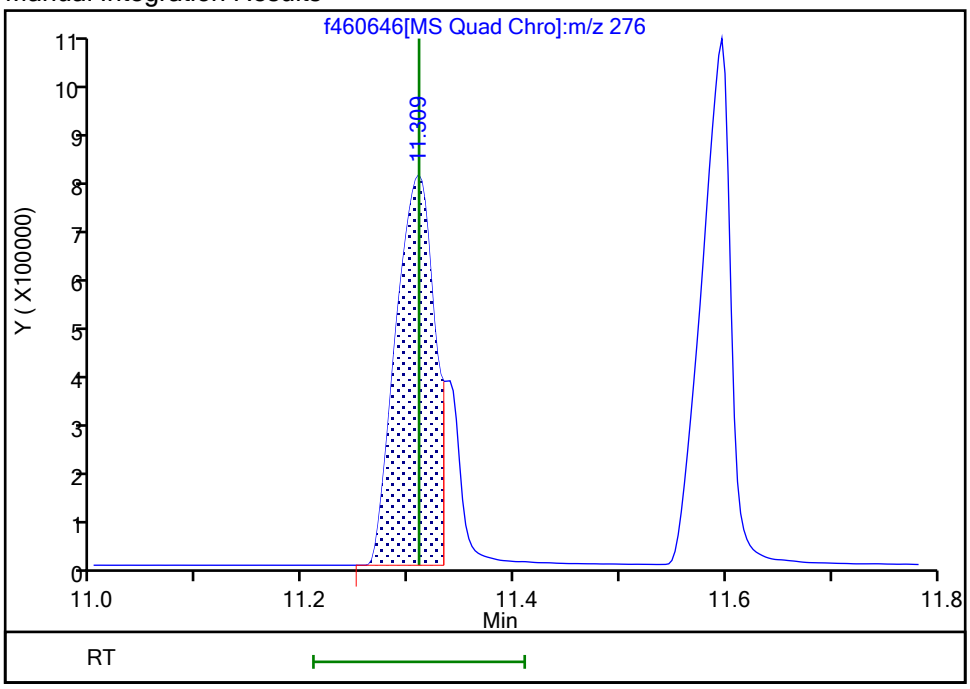
Processing Integration Results

RT: 11.31
Area: 2375911
Amount: 133.0191
Amount Units: ug/ml



Manual Integration Results

RT: 11.31
Area: 1982094
Amount: 116.1351
Amount Units: ug/ml



Reviewer: johnstonm1, 30-Mar-2022 09:07:55

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460647.D
Lims ID: STD80
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 30-Mar-2022 09:08:21 ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143392-004
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Mar-2022 11:19:39 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1603

First Level Reviewer: johnstonm1 Date: 30-Mar-2022 09:30:49

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.646	1.649	-0.003	95	166361	80.0	80.9	
	2 N-Nitrosodimethylamine	74	1.764	1.766	-0.002	79	244859	80.0	80.1	
	3 Pyridine	79	1.781	1.787	-0.006	83	836878	160.0	160.1	
$	5 2-Fluorophenol	112	2.412	2.417	-0.005	92	432203	80.0	77.7	
	7 Benzaldehyde	77	2.993	3.001	-0.008	88	59399	24.0	13.3	
$	8 Phenol-d5	99	3.031	3.033	-0.002	92	539199	80.0	79.0	
	9 Phenol	94	3.040	3.045	-0.005	98	535224	80.0	80.8	
	10 Aniline	93	3.069	3.074	-0.005	7	629813	80.0	79.7	
	11 Bis(2-chloroethyl)ether	93	3.116	3.122	-0.006	91	421477	80.0	79.4	
	12 2-Chlorophenol	128	3.152	3.157	-0.005	65	440597	80.0	80.5	
	13 n-Decane	43	3.190	3.198	-0.008	91	516235	80.0	80.3	
	14 1,3-Dichlorobenzene	146	3.264	3.272	-0.008	94	470963	80.0	79.5	
*	15 1,4-Dichlorobenzene-d4	152	3.305	3.313	-0.008	91	156526	40.0	40.0	
	16 1,4-Dichlorobenzene	146	3.317	3.325	-0.008	92	478734	80.0	79.1	
	17 Benzyl alcohol	108	3.408	3.413	-0.005	91	290853	80.0	80.5	
	18 1,2-Dichlorobenzene	146	3.429	3.437	-0.008	91	461241	80.0	81.1	
	19 2-Methylphenol	108	3.488	3.496	-0.008	84	392363	80.0	81.0	
	20 2,2'-oxybis[1-chloropropane]	45	3.514	3.522	-0.008	93	625344	80.0	79.3	
	130 N-Methylaniline	106	3.603	3.608	-0.005	84	703091	80.0	82.8	a
	21 Acetophenone	105	3.612	3.617	-0.005	89	635314	80.0	80.5	
	22 4-Methylphenol	108	3.615	3.617	-0.002	68	455804	80.0	81.5	
	23 3 & 4 Methylphenol	108	3.615	3.617	-0.002	75	455804	80.0	81.5	
	24 N-Nitrosodi-n-propylamine	70	3.618	3.622	-0.004	76	276017	80.0	79.2	
	25 Hexachloroethane	117	3.682	3.690	-0.008	94	193822	80.0	81.8	
$	26 Nitrobenzene-d5	82	3.724	3.728	-0.004	92	486629	80.0	78.3	
	27 Nitrobenzene	123	3.738	3.743	-0.005	85	220230	80.0	84.5	
	28 n,n'-Dimethylaniline	120	3.741	3.746	-0.005	87	701049	80.0	82.8	
	29 Isophorone	82	3.927	3.929	-0.002	99	840244	80.0	80.1	
	30 2-Nitrophenol	139	3.977	3.982	-0.005	87	234867	80.0	82.9	
	31 2,4-Dimethylphenol	122	4.018	4.023	-0.005	91	380498	80.0	80.7	
	32 Bis(2-chloroethoxy)methane	93	4.098	4.103	-0.005	96	520716	80.0	80.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.133	4.121	0.012	89	266956	80.0	85.3	
34 2,4-Dichlorophenol	162	4.160	4.165	-0.005	90	360052	80.0	81.7	
35 1,2,4-Trichlorobenzene	180	4.225	4.233	-0.008	94	375286	80.0	80.7	
* 36 Naphthalene-d8	136	4.266	4.274	-0.008	100	609561	40.0	40.0	
37 Naphthalene	128	4.284	4.291	-0.007	99	1253396	80.0	79.7	
38 4-Chloroaniline	127	4.334	4.339	-0.005	90	540272	80.0	79.7	
39 Hexachlorobutadiene	225	4.384	4.392	-0.008	95	230101	80.0	80.4	
40 Caprolactam	113	4.711	4.613	0.098	31	51243	24.0	29.3	M
41 4-Chloro-3-methylphenol	107	4.711	4.716	-0.005	94	366535	80.0	80.5	
42 2-Methylnaphthalene	142	4.817	4.822	-0.005	82	877014	80.0	81.2	
43 1-Methylnaphthalene	142	4.891	4.896	-0.005	90	795801	80.0	79.9	
44 Hexachlorocyclopentadiene	237	4.938	4.946	-0.008	87	274324	80.0	89.0	
45 1,2,4,5-Tetrachlorobenzene	216	4.944	4.949	-0.005	96	399921	80.0	81.6	
46 2-tertbutyl-4-methylphenol	149	4.988	4.993	-0.005	90	556875	80.0	82.6	
47 2,4,6-Trichlorophenol	196	5.035	5.040	-0.005	89	276828	80.0	84.9	
48 2,4,5-Trichlorophenol	196	5.059	5.064	-0.005	95	290962	80.0	80.5	
$ 50 2-Fluorobiphenyl	172	5.106	5.111	-0.005	97	974271	80.0	77.7	
51 1,1'-Biphenyl	154	5.180	5.185	-0.005	96	1038794	80.0	80.7	
52 2-Chloronaphthalene	162	5.189	5.194	-0.005	96	798742	80.0	80.4	
53 Phenyl ether	170	5.262	5.267	-0.005	88	579047	80.0	81.7	
54 2-Nitroaniline	65	5.274	5.276	-0.002	97	339593	80.0	82.2	
55 1,3-Dimethylnaphthalene	156	5.357	5.362	-0.005	91	675976	80.0	82.0	
56 Dimethyl phthalate	163	5.430	5.432	-0.002	96	915373	80.0	79.8	
57 Coumarin	146	5.430	5.432	-0.002	68	329186	80.0	81.8	
58 2,6-Dinitrotoluene	165	5.466	5.471	-0.005	70	207542	80.0	85.2	
59 Acenaphthylene	152	5.501	5.506	-0.005	96	1288865	80.0	81.1	
60 3-Nitroaniline	138	5.590	5.592	-0.002	93	233276	80.0	79.3	
* 61 Acenaphthene-d10	164	5.607	5.612	-0.005	88	352474	40.0	40.0	
62 Acenaphthene	154	5.634	5.639	-0.005	94	741141	80.0	80.8	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.646	5.651	-0.005	96	720780	80.0	82.4	
64 2,4-Dinitrophenol	184	5.669	5.671	-0.002	68	254068	160.0	164.1	
65 4-Nitrophenol	65	5.726	5.727	-0.001	93	395133	160.0	165.4	
67 2,4-Dinitrotoluene	165	5.767	5.769	-0.002	62	287845	80.0	87.9	
66 Dibenzofuran	168	5.767	5.772	-0.005	92	1121002	80.0	79.9	
68 2,3,4,6-Tetrachlorophenol	232	5.858	5.863	-0.005	92	236410	80.0	82.9	
69 Diethyl phthalate	149	5.968	5.972	-0.004	98	925138	80.0	79.7	
70 Fluorene	166	6.024	6.028	-0.004	83	912882	80.0	81.1	
71 4-Chlorophenyl phenyl ether	204	6.033	6.037	-0.004	86	431857	80.0	79.5	
72 4-Nitroaniline	138	6.062	6.058	0.004	53	227229	80.0	78.7	
73 4,6-Dinitro-2-methylphenol	198	6.077	6.076	0.001	76	314726	160.0	168.2	
74 N-Nitrosodiphenylamine	169	6.127	6.129	-0.002	21	660020	80.0	80.4	
75 1,2-Diphenylhydrazine	77	6.154	6.158	-0.004	23	951771	80.0	79.6	
$ 76 2,4,6-Tribromophenol	330	6.204	6.208	-0.004	95	192650	80.0	82.4	
77 4-Bromophenyl phenyl ether	248	6.398	6.403	-0.005	87	270012	80.0	81.8	
78 Hexachlorobenzene	284	6.431	6.436	-0.005	88	333135	80.0	82.5	
79 Atrazine	200	6.537	6.542	-0.005	89	78394	24.0	25.0	
80 Pentachlorophenol	266	6.584	6.589	-0.005	89	428524	160.0	174.2	
81 Pentachloronitrobenzene	237	6.593	6.598	-0.005	83	134512	80.0	84.7	
82 n-Octadecane	57	6.679	6.686	-0.007	90	779083	80.0	83.5	
* 83 Phenanthrene-d10	188	6.726	6.731	-0.005	99	625659	40.0	40.0	
84 Phenanthrene	178	6.744	6.748	-0.004	98	1310508	80.0	80.3	
85 Anthracene	178	6.785	6.787	-0.002	98	1358010	80.0	81.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.909	6.914	-0.005	83	1238994	80.0	80.7	
88 Di-n-butyl phthalate	149	7.192	7.200	-0.008	100	1616682	80.0	82.2	
89 Fluoranthene	202	7.635	7.639	-0.004	97	1439028	80.0	82.0	
90 Benzidine	184	7.747	7.754	-0.007	99	810160	80.0	86.2	
91 Pyrene	202	7.803	7.807	-0.004	97	1491641	80.0	81.2	
92 Bisphenol-A	213	7.856	7.863	-0.007	98	649625	80.0	80.7	
$ 93 Terphenyl-d14	244	7.933	7.940	-0.007	98	1236140	80.0	79.5	
95 Butyl benzyl phthalate	149	8.323	8.333	-0.010	98	710504	80.0	83.0	
97 Carbamazepine	193	8.402	8.407	-0.005	91	683299	80.0	86.1	
99 3,3'-Dichlorobenzidine	252	8.748	8.758	-0.010	91	571863	80.0	84.5	
100 Benzo[a]anthracene	228	8.756	8.767	-0.011	99	1452873	80.0	82.0	
* 98 Chrysene-d12	240	8.765	8.776	-0.011	99	584779	40.0	40.0	
101 Chrysene	228	8.792	8.799	-0.007	95	1415388	80.0	80.1	
102 Bis(2-ethylhexyl) phthalate	149	8.824	8.838	-0.014	74	1043457	80.0	82.1	
103 Di-n-octyl phthalate	149	9.456	9.472	-0.016	97	1799196	80.0	83.8	
104 Benzo[b]fluoranthene	252	9.781	9.794	-0.013	96	1406008	80.0	91.1	
105 Benzo[k]fluoranthene	252	9.814	9.827	-0.012	95	1502162	80.0	82.0	
106 Benzo[a]pyrene	252	10.115	10.127	-0.012	95	1388957	80.0	89.0	
* 107 Perylene-d12	264	10.168	10.187	-0.019	98	608156	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.291	11.310	-0.019	95	1264661	80.0	78.8	M
109 Dibenz(a,h)anthracene	278	11.323	11.342	-0.019	95	1419390	80.0	86.5	
110 Benzo[g,h,i]perylene	276	11.574	11.594	-0.020	95	1388799	80.0	82.0	
S 117 Total Cresols	1				0			162.5	
131 2,6-Dichlorophenol	162	4.334	4.342	-0.008	79	352425	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L8_00003 Amount Added: 1.00 Units: mL

Report Date: 30-Mar-2022 11:19:42 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460647.D

Injection Date: 30-Mar-2022 09:08:21 Instrument ID: CBNAMS15 Operator ID:

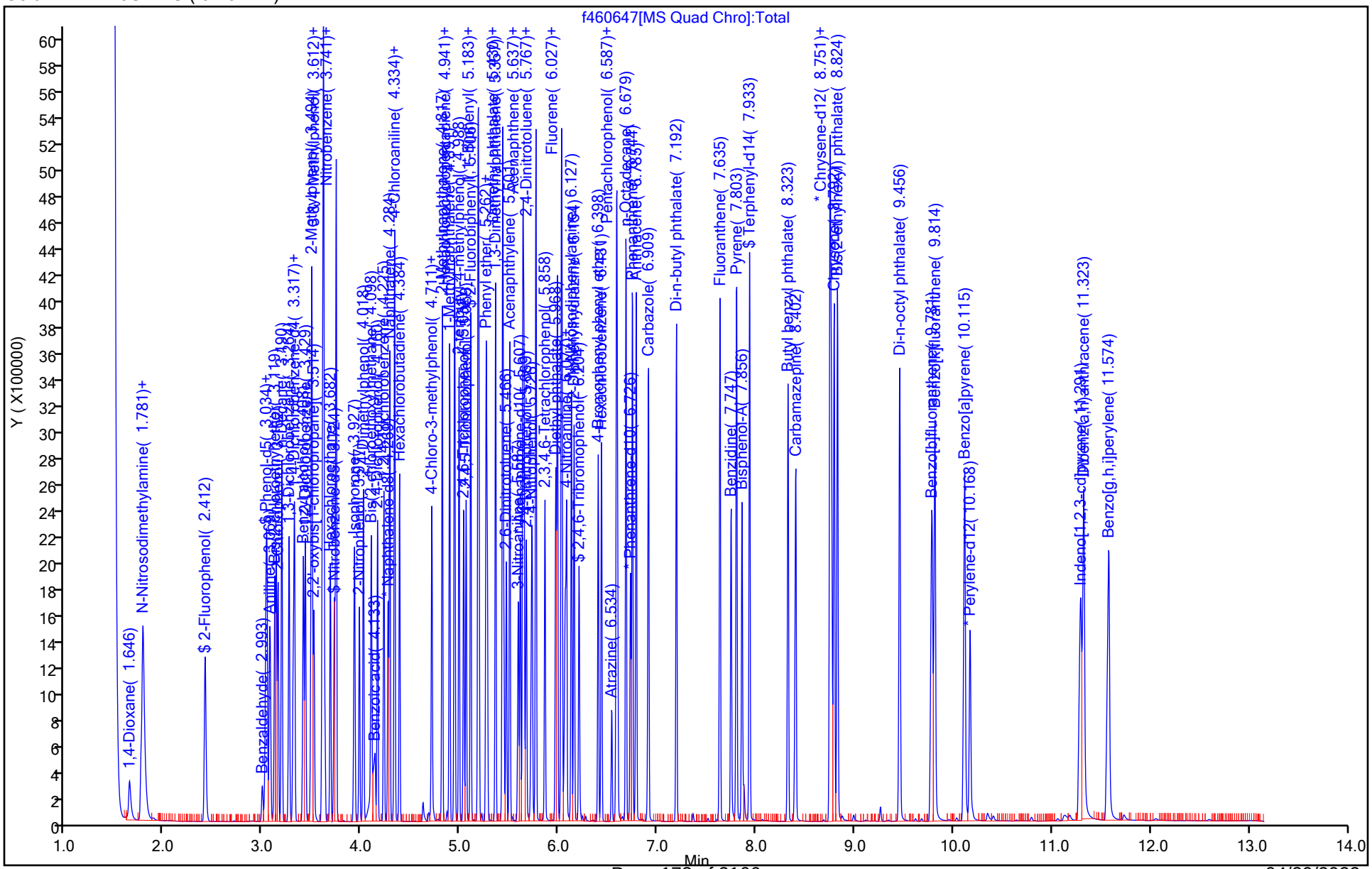
Lims ID: STD80 Worklist Smp#: 4

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison

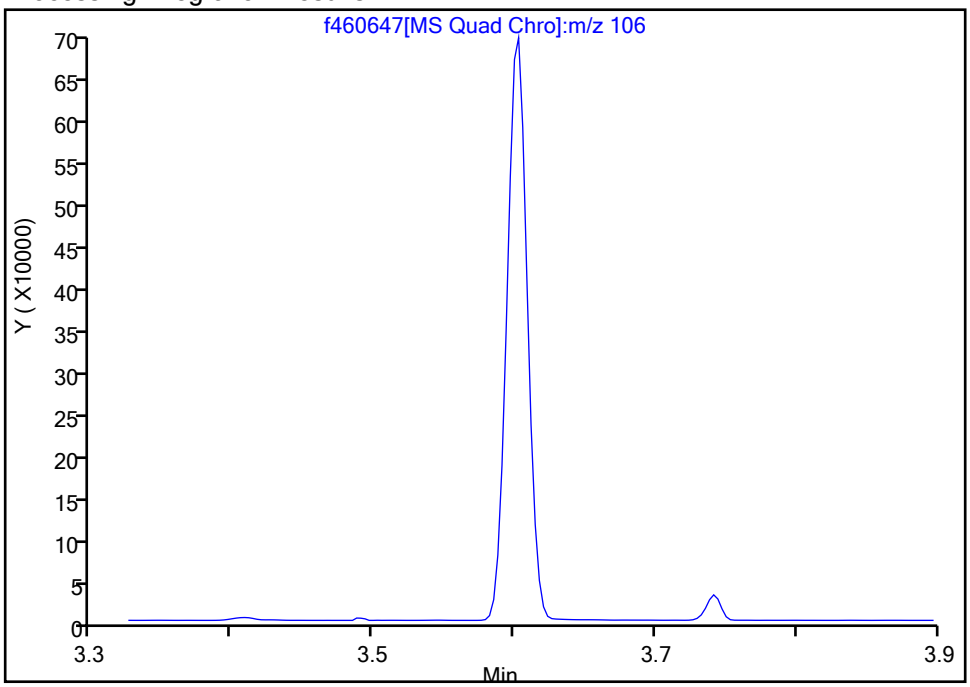
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460647.D
Injection Date: 30-Mar-2022 09:08:21 Instrument ID: CBNAMS15
Lims ID: STD80
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

130 N-Methylaniline, CAS: 100-61-8

Signal: 1

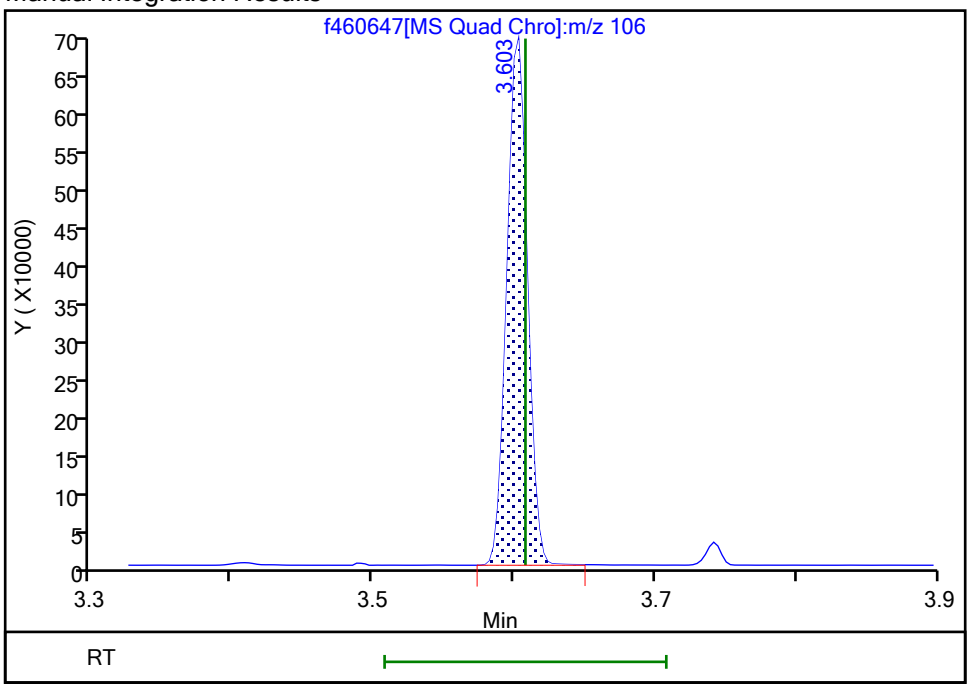
Not Detected
Expected RT: 3.61

Processing Integration Results



Manual Integration Results

RT: 3.60
Area: 703091
Amount: 82.764418
Amount Units: ug/ml



Reviewer: johnstonm1, 30-Mar-2022 09:30:47
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

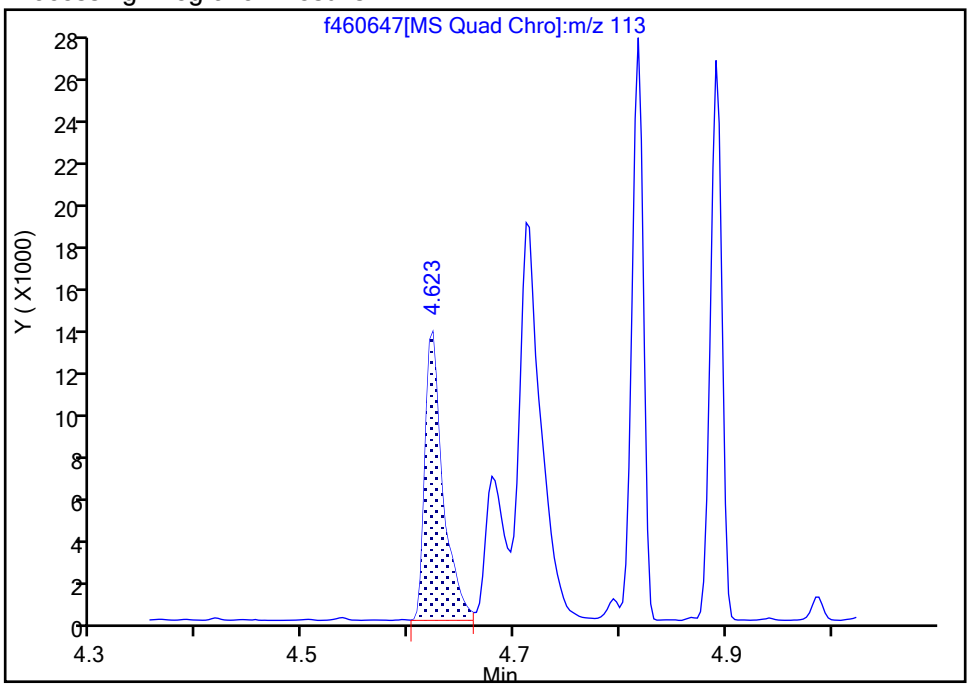
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460647.D
Injection Date: 30-Mar-2022 09:08:21 Instrument ID: CBNAMS15
Lims ID: STD80
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

40 Caprolactam, CAS: 105-60-2

Signal: 1

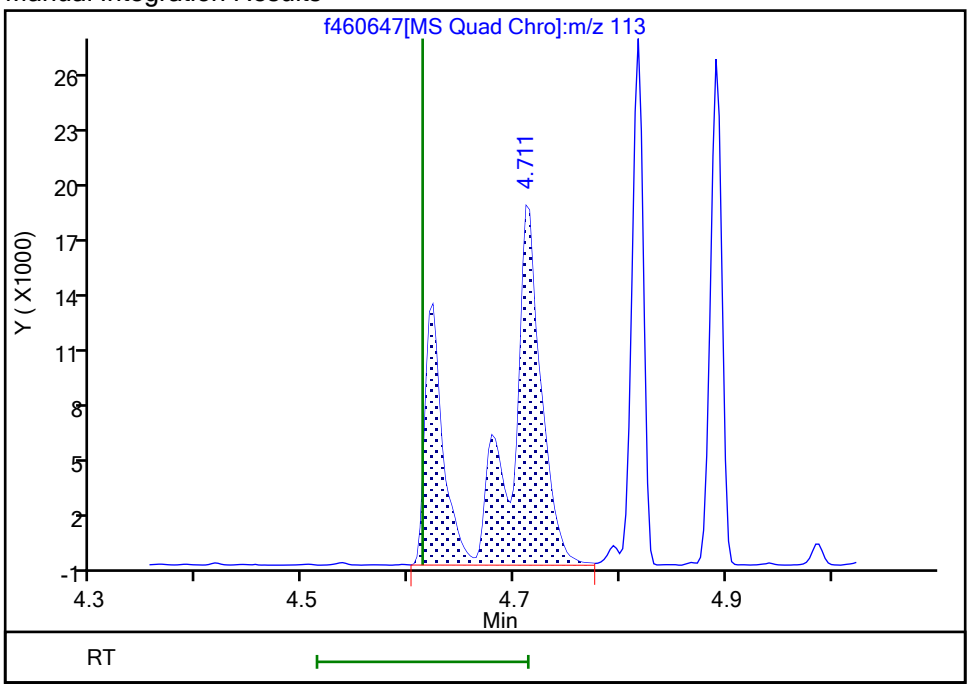
Processing Integration Results

RT: 4.62
Area: 16118
Amount: 14.387977
Amount Units: ug/ml



Manual Integration Results

RT: 4.71
Area: 51243
Amount: 29.323761
Amount Units: ug/ml



Reviewer: johnstonm1, 30-Mar-2022 09:40:16
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

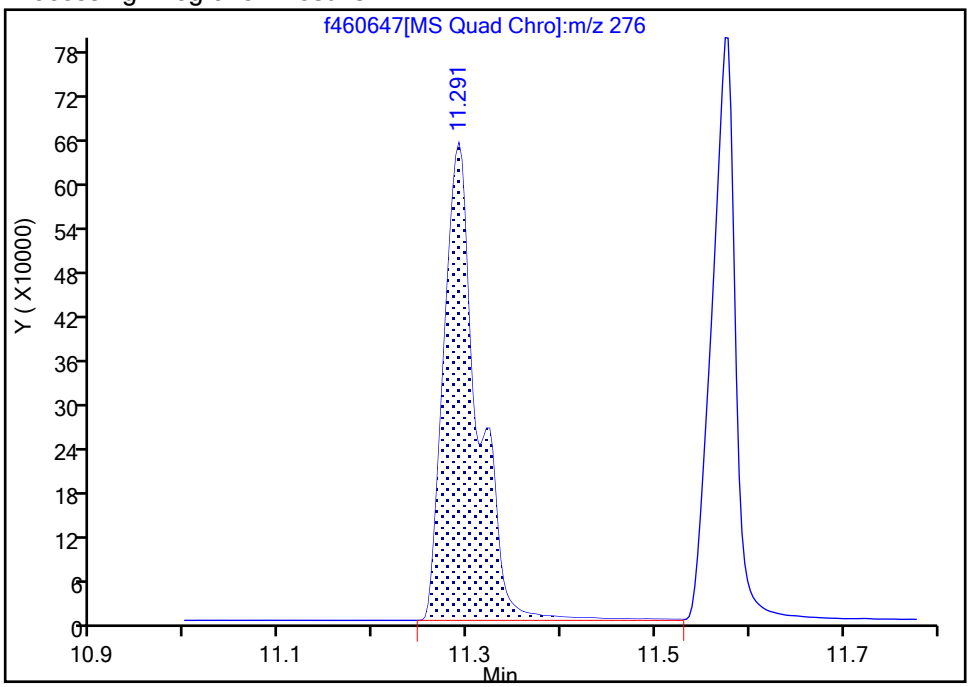
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460647.D
Injection Date: 30-Mar-2022 09:08:21 Instrument ID: CBNAMS15
Lims ID: STD80
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

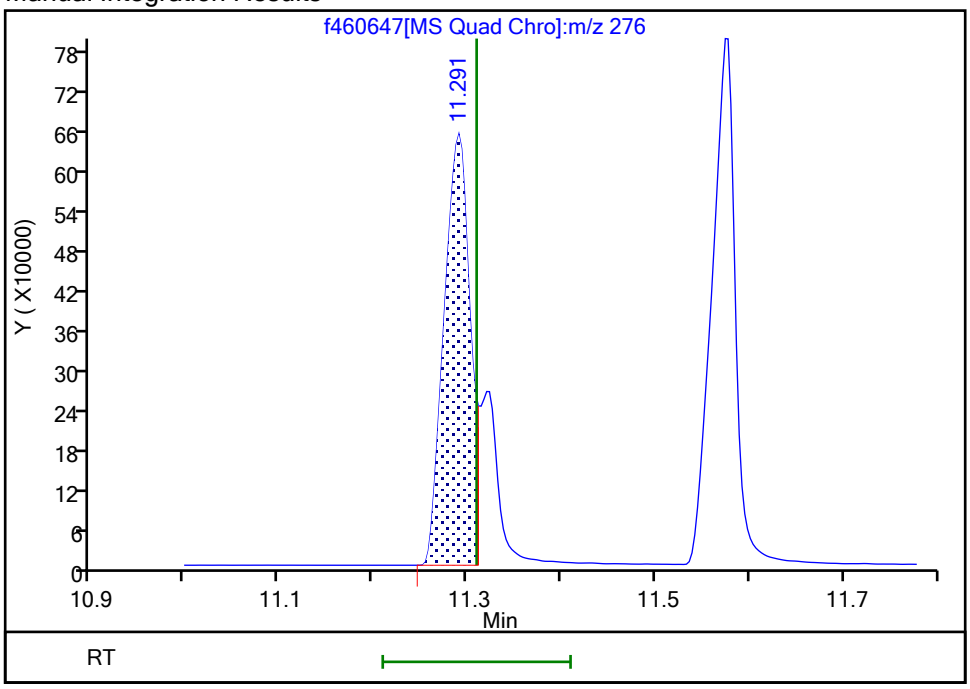
Processing Integration Results

RT: 11.29
Area: 1630062
Amount: 90.261641
Amount Units: ug/ml



Manual Integration Results

RT: 11.29
Area: 1264661
Amount: 78.756800
Amount Units: ug/ml



Reviewer: johnstonm1, 30-Mar-2022 09:29:45
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460648.D
Lims ID: STD20
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 30-Mar-2022 09:25:36 ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143392-005
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Mar-2022 11:19:44 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1603

First Level Reviewer: johnstonm1 Date: 30-Mar-2022 09:44:42

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.646	1.649	-0.003	94	39714	20.0	19.2	
	2 N-Nitrosodimethylamine	74	1.761	1.766	-0.005	83	59095	20.0	19.3	
	3 Pyridine	79	1.781	1.787	-0.006	83	205341	40.0	39.1	
$	5 2-Fluorophenol	112	2.410	2.417	-0.007	92	106826	20.0	19.1	
	7 Benzaldehyde	77	2.990	3.001	-0.011	89	63792	16.0	14.2	
$	8 Phenol-d5	99	3.019	3.033	-0.014	97	131059	20.0	19.1	
	9 Phenol	94	3.031	3.045	-0.014	80	128241	20.0	19.3	
	10 Aniline	93	3.063	3.074	-0.011	27	153655	20.0	19.4	
	11 Bis(2-chloroethyl)ether	93	3.111	3.122	-0.011	91	103963	20.0	19.5	
	12 2-Chlorophenol	128	3.146	3.157	-0.011	66	107824	20.0	19.6	
	13 n-Decane	43	3.187	3.198	-0.011	91	123532	20.0	19.2	
	14 1,3-Dichlorobenzene	146	3.261	3.272	-0.011	93	115257	20.0	19.4	
*	15 1,4-Dichlorobenzene-d4	152	3.302	3.313	-0.011	97	157088	40.0	40.0	
	16 1,4-Dichlorobenzene	146	3.317	3.325	-0.008	92	117822	20.0	19.4	
	17 Benzyl alcohol	108	3.402	3.413	-0.011	92	70185	20.0	19.4	
	18 1,2-Dichlorobenzene	146	3.426	3.437	-0.011	90	110846	20.0	19.4	
	19 2-Methylphenol	108	3.482	3.496	-0.014	86	93972	20.0	19.3	
	20 2,2'-oxybis[1-chloropropane]	45	3.512	3.522	-0.010	52	155006	20.0	19.6	
	130 N-Methylaniline	106	3.597	3.608	-0.011	74	170734	20.0	20.0	
	21 Acetophenone	105	3.603	3.617	-0.014	83	152535	20.0	19.3	
	22 4-Methylphenol	108	3.600	3.617	-0.017	74	109981	20.0	19.6	
	23 3 & 4 Methylphenol	108	3.600	3.617	-0.017	96	109981	20.0	19.6	
	24 N-Nitrosodi-n-propylamine	70	3.606	3.622	-0.016	73	67385	20.0	19.3	
	25 Hexachloroethane	117	3.679	3.690	-0.011	94	46579	20.0	19.6	
$	26 Nitrobenzene-d5	82	3.715	3.728	-0.013	92	121433	20.0	19.6	
	27 Nitrobenzene	123	3.730	3.743	-0.013	89	52280	20.0	20.0	
	28 n,n'-Dimethylaniline	120	3.736	3.746	-0.010	84	165447	20.0	19.5	
	29 Isophorone	82	3.915	3.929	-0.014	99	205974	20.0	19.7	
	30 2-Nitrophenol	139	3.971	3.982	-0.011	86	55815	20.0	19.7	
	31 2,4-Dimethylphenol	122	4.010	4.023	-0.013	90	92873	20.0	19.7	
	32 Bis(2-chloroethoxy)methane	93	4.092	4.103	-0.011	90	125353	20.0	19.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.077	4.121	-0.044	86	63259	20.0	20.2	
34 2,4-Dichlorophenol	162	4.154	4.165	-0.011	93	86094	20.0	19.6	
35 1,2,4-Trichlorobenzene	180	4.222	4.233	-0.011	94	91536	20.0	19.7	
* 36 Naphthalene-d8	136	4.266	4.274	-0.008	100	608690	40.0	40.0	
37 Naphthalene	128	4.281	4.291	-0.010	94	308209	20.0	19.6	
38 4-Chloroaniline	127	4.325	4.339	-0.014	91	133809	20.0	19.8	
39 Hexachlorobutadiene	225	4.381	4.392	-0.011	94	56062	20.0	19.6	
40 Caprolactam	113	4.587	4.613	-0.026	89	25795	16.0	14.8	
41 4-Chloro-3-methylphenol	107	4.705	4.716	-0.011	97	88342	20.0	19.4	
42 2-Methylnaphthalene	142	4.814	4.822	-0.008	81	207882	20.0	19.3	
43 1-Methylnaphthalene	142	4.888	4.896	-0.008	90	193006	20.0	19.4	
44 Hexachlorocyclopentadiene	237	4.935	4.946	-0.011	84	58469	20.0	18.5	
45 1,2,4,5-Tetrachlorobenzene	216	4.941	4.949	-0.008	95	94466	20.0	18.8	
46 2-tertbutyl-4-methylphenol	149	4.982	4.993	-0.011	89	133812	20.0	19.9	
47 2,4,6-Trichlorophenol	196	5.029	5.040	-0.011	88	66411	20.0	19.9	
48 2,4,5-Trichlorophenol	196	5.056	5.064	-0.008	96	70813	20.0	19.1	
$ 50 2-Fluorobiphenyl	172	5.100	5.111	-0.011	97	243994	20.0	19.0	
51 1,1'-Biphenyl	154	5.174	5.185	-0.011	96	250866	20.0	19.0	
52 2-Chloronaphthalene	162	5.183	5.194	-0.011	96	195712	20.0	19.2	
53 Phenyl ether	170	5.259	5.267	-0.008	88	142644	20.0	19.6	
54 2-Nitroaniline	65	5.265	5.276	-0.011	91	80556	20.0	19.0	
55 1,3-Dimethylnaphthalene	156	5.354	5.362	-0.008	92	163548	20.0	19.4	
56 Dimethyl phthalate	163	5.418	5.432	-0.014	96	224174	20.0	19.1	
57 Coumarin	146	5.421	5.432	-0.011	74	80190	20.0	19.9	
58 2,6-Dinitrotoluene	165	5.457	5.471	-0.014	77	52322	20.0	21.0	
59 Acenaphthylene	152	5.495	5.506	-0.011	96	316452	20.0	19.5	
60 3-Nitroaniline	138	5.578	5.592	-0.014	92	57216	20.0	19.0	
* 61 Acenaphthene-d10	164	5.604	5.612	-0.008	96	360985	40.0	40.0	
62 Acenaphthene	154	5.628	5.639	-0.011	90	181072	20.0	19.3	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.640	5.651	-0.011	88	176888	20.0	19.7	
64 2,4-Dinitrophenol	184	5.657	5.671	-0.014	65	50744	40.0	35.3	
65 4-Nitrophenol	65	5.710	5.727	-0.017	93	94490	40.0	38.6	
67 2,4-Dinitrotoluene	165	5.758	5.769	-0.011	69	67375	20.0	20.1	
66 Dibenzofuran	168	5.760	5.772	-0.012	91	275001	20.0	19.1	
68 2,3,4,6-Tetrachlorophenol	232	5.852	5.863	-0.011	92	56179	20.0	19.2	
69 Diethyl phthalate	149	5.958	5.972	-0.014	98	228537	20.0	19.2	
70 Fluorene	166	6.017	6.028	-0.011	84	218914	20.0	19.0	
71 4-Chlorophenyl phenyl ether	204	6.029	6.037	-0.008	86	108442	20.0	19.5	
72 4-Nitroaniline	138	6.038	6.058	-0.020	91	59430	20.0	20.1	
73 4,6-Dinitro-2-methylphenol	198	6.061	6.076	-0.015	50	68701	40.0	37.7	
74 N-Nitrosodiphenylamine	169	6.117	6.129	-0.012	31	161991	20.0	19.3	
75 1,2-Diphenylhydrazine	77	6.147	6.158	-0.011	60	233020	20.0	19.1	
$ 76 2,4,6-Tribromophenol	330	6.197	6.208	-0.011	95	47739	20.0	19.9	
77 4-Bromophenyl phenyl ether	248	6.394	6.403	-0.009	87	64874	20.0	19.3	
78 Hexachlorobenzene	284	6.427	6.436	-0.009	95	80733	20.0	19.6	
79 Atrazine	200	6.530	6.542	-0.012	89	51472	16.0	16.1	
80 Pentachlorophenol	266	6.577	6.589	-0.012	89	100090	40.0	39.9	
81 Pentachloronitrobenzene	237	6.589	6.598	-0.009	87	31907	20.0	19.7	
82 n-Octadecane	57	6.678	6.686	-0.008	91	179873	20.0	18.9	
* 83 Phenanthrene-d10	188	6.722	6.731	-0.009	99	638023	40.0	40.0	
84 Phenanthrene	178	6.740	6.748	-0.008	98	321420	20.0	19.3	
85 Anthracene	178	6.778	6.787	-0.009	98	330600	20.0	19.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.902	6.914	-0.012	83	301586	20.0	19.3	
88 Di-n-butyl phthalate	149	7.187	7.200	-0.013	100	385831	20.0	19.2	
89 Fluoranthene	202	7.627	7.639	-0.012	97	340175	20.0	19.0	
90 Benzidine	184	7.742	7.754	-0.012	99	179116	20.0	18.7	
91 Pyrene	202	7.795	7.807	-0.012	97	358148	20.0	19.2	
92 Bisphenol-A	213	7.851	7.863	-0.012	98	165416	20.0	20.2	
$ 93 Terphenyl-d14	244	7.930	7.940	-0.010	98	309922	20.0	19.6	
95 Butyl benzyl phthalate	149	8.320	8.333	-0.013	98	164374	20.0	18.9	
97 Carbamazepine	193	8.387	8.407	-0.020	91	159709	20.0	19.8	
99 3,3'-Dichlorobenzidine	252	8.738	8.758	-0.020	99	130530	20.0	19.0	
100 Benzo[a]anthracene	228	8.750	8.767	-0.017	99	343059	20.0	19.0	
* 98 Chrysene-d12	240	8.759	8.776	-0.017	99	594683	40.0	40.0	
101 Chrysene	228	8.783	8.799	-0.016	95	342021	20.0	19.0	
102 Bis(2-ethylhexyl) phthalate	149	8.821	8.838	-0.017	88	243956	20.0	18.9	
103 Di-n-octyl phthalate	149	9.450	9.472	-0.022	97	415417	20.0	19.0	
104 Benzo[b]fluoranthene	252	9.769	9.794	-0.025	97	319997	20.0	20.4	
105 Benzo[k]fluoranthene	252	9.798	9.827	-0.028	95	378010	20.0	20.3	
106 Benzo[a]pyrene	252	10.100	10.127	-0.027	97	323669	20.0	20.4	
* 107 Perylene-d12	264	10.162	10.187	-0.025	99	618281	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.273	11.310	-0.037	99	294782	20.0	21.7	
109 Dibenz(a,h)anthracene	278	11.305	11.342	-0.037	46	316074	20.0	19.1	
110 Benzo[g,h,i]perylene	276	11.550	11.594	-0.044	91	331048	20.0	19.2	
S 117 Total Cresols	1				0			38.9	
131 2,6-Dichlorophenol	162	4.331	4.342	-0.011	89	86833	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

SV_BNA_L6_00003 Amount Added: 1.00 Units: mL

Report Date: 30-Mar-2022 11:19:46 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460648.D

Injection Date: 30-Mar-2022 09:25:36 Instrument ID: CBNAMS15 Operator ID:

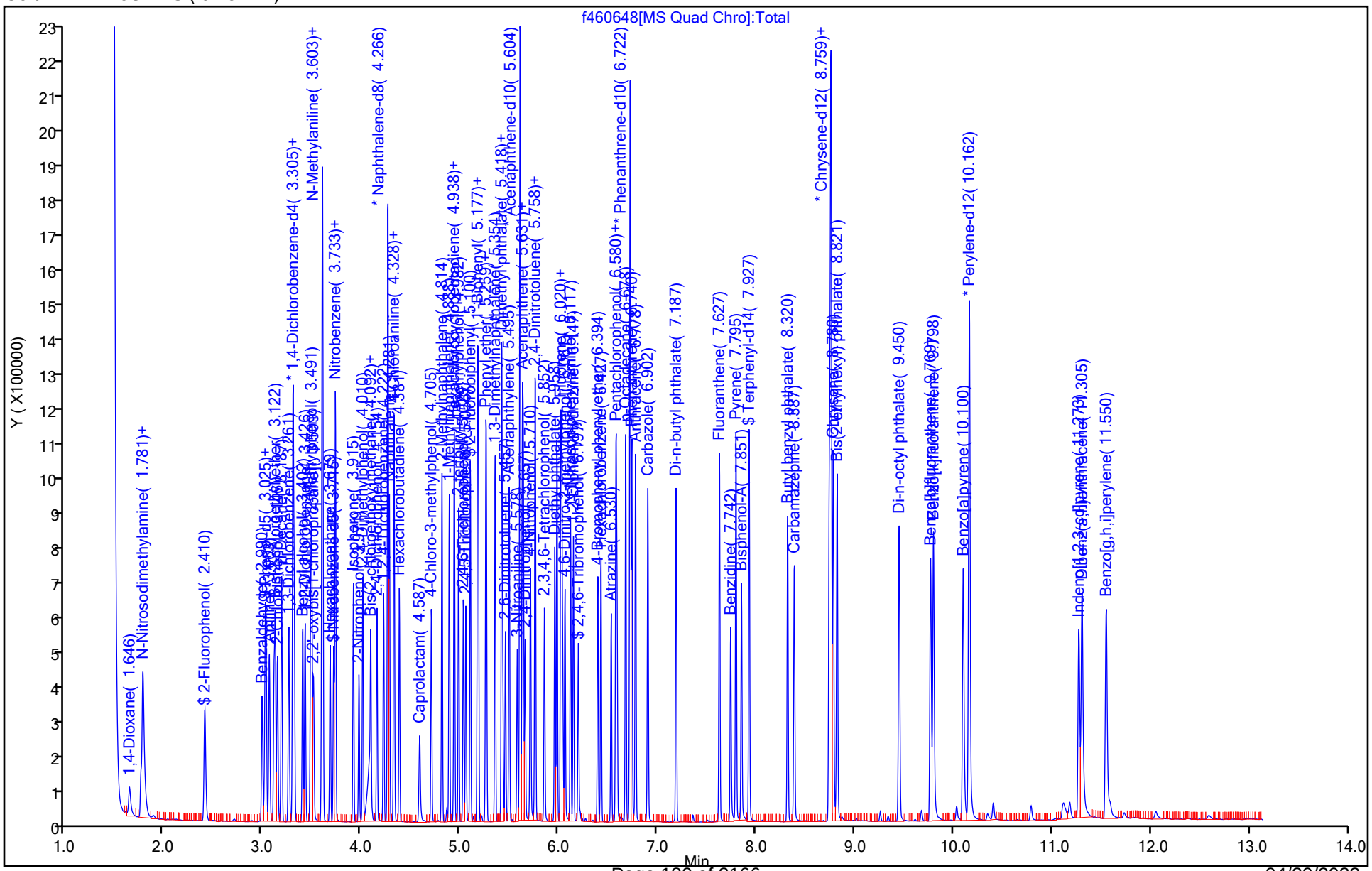
Lims ID: STD20 Worklist Smp#: 5

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460649.D
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 30-Mar-2022 09:42:56 ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143392-006
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Mar-2022 11:19:49 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1603

First Level Reviewer: johnstonm1 Date: 30-Mar-2022 10:00:42

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.646	1.649	-0.003	94	21123	10.0	10.3	
	2 N-Nitrosodimethylamine	74	1.761	1.766	-0.005	83	30859	10.0	10.1	
	3 Pyridine	79	1.781	1.787	-0.006	85	108719	20.0	20.8	
$	5 2-Fluorophenol	112	2.410	2.417	-0.007	93	50963	10.0	9.15	
	7 Benzaldehyde	77	2.991	3.001	-0.010	92	42118	10.0	9.43	
$	8 Phenol-d5	99	3.020	3.033	-0.013	89	61787	10.0	9.05	
	9 Phenol	94	3.029	3.045	-0.016	92	67166	10.0	10.1	
	10 Aniline	93	3.062	3.074	-0.012	74	81846	10.0	10.3	
	11 Bis(2-chloroethyl)ether	93	3.109	3.122	-0.013	92	54476	10.0	10.3	
	12 2-Chlorophenol	128	3.144	3.157	-0.013	74	55977	10.0	10.2	
	13 n-Decane	43	3.189	3.198	-0.009	91	64757	10.0	10.1	
	14 1,3-Dichlorobenzene	146	3.262	3.272	-0.010	94	60619	10.0	10.2	
*	15 1,4-Dichlorobenzene-d4	152	3.304	3.313	-0.009	97	156672	40.0	40.0	
	16 1,4-Dichlorobenzene	146	3.315	3.325	-0.010	90	61828	10.0	10.2	
	17 Benzyl alcohol	108	3.401	3.413	-0.012	92	37300	10.0	10.3	
	18 1,2-Dichlorobenzene	146	3.428	3.437	-0.009	90	59190	10.0	10.4	
	19 2-Methylphenol	108	3.484	3.496	-0.012	85	48668	10.0	10.0	
	20 2,2'-oxybis[1-chloropropane]	45	3.510	3.522	-0.012	52	78826	10.0	9.99	
	130 N-Methylaniline	106	3.596	3.608	-0.012	75	82643	10.0	9.72	
	21 Acetophenone	105	3.604	3.617	-0.013	86	80123	10.0	10.1	
	22 4-Methylphenol	108	3.602	3.617	-0.015	72	56254	10.0	10.0	
	23 3 & 4 Methylphenol	108	3.602	3.617	-0.015	92	56254	10.0	10.0	
	24 N-Nitrosodi-n-propylamine	70	3.607	3.622	-0.015	83	35006	10.0	10.0	
	25 Hexachloroethane	117	3.681	3.690	-0.009	92	24372	10.0	10.3	
$	26 Nitrobenzene-d5	82	3.717	3.728	-0.011	91	56244	10.0	9.07	
	27 Nitrobenzene	123	3.731	3.743	-0.012	89	26748	10.0	10.3	
	28 n,n'-Dimethylaniline	120	3.734	3.746	-0.012	86	82601	10.0	9.75	
	29 Isophorone	82	3.914	3.929	-0.015	98	106981	10.0	10.2	
	30 2-Nitrophenol	139	3.973	3.982	-0.009	87	28788	10.0	10.2	
	31 2,4-Dimethylphenol	122	4.011	4.023	-0.012	90	47782	10.0	10.2	
	32 Bis(2-chloroethoxy)methane	93	4.091	4.103	-0.012	95	68055	10.0	10.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.058	4.121	-0.063	88	27363	10.0	8.77	
34 2,4-Dichlorophenol	162	4.156	4.165	-0.009	94	46283	10.0	10.5	
35 1,2,4-Trichlorobenzene	180	4.224	4.233	-0.009	95	47189	10.0	10.2	
* 36 Naphthalene-d8	136	4.265	4.274	-0.009	100	608164	40.0	40.0	
37 Naphthalene	128	4.283	4.291	-0.008	90	160336	10.0	10.2	
38 4-Chloroaniline	127	4.327	4.339	-0.012	90	68454	10.0	10.1	
39 Hexachlorobutadiene	225	4.383	4.392	-0.009	95	30133	10.0	10.6	
40 Caprolactam	113	4.581	4.613	-0.032	87	14882	10.0	8.54	
41 4-Chloro-3-methylphenol	107	4.707	4.716	-0.009	93	45416	10.0	10.0	
42 2-Methylnaphthalene	142	4.813	4.822	-0.009	81	109868	10.0	10.2	
43 1-Methylnaphthalene	142	4.887	4.896	-0.009	90	101430	10.0	10.2	
44 Hexachlorocyclopentadiene	237	4.937	4.946	-0.009	75	28998	10.0	9.09	
45 1,2,4,5-Tetrachlorobenzene	216	4.940	4.949	-0.009	95	49909	10.0	9.85	
46 2-tertbutyl-4-methylphenol	149	4.985	4.993	-0.008	89	64453	10.0	9.58	
47 2,4,6-Trichlorophenol	196	5.032	5.040	-0.008	89	34470	10.0	10.2	
48 2,4,5-Trichlorophenol	196	5.055	5.064	-0.009	87	36494	10.0	9.76	
$ 50 2-Fluorobiphenyl	172	5.102	5.111	-0.009	97	113812	10.0	8.78	
51 1,1'-Biphenyl	154	5.176	5.185	-0.009	96	131676	10.0	9.89	
52 2-Chloronaphthalene	162	5.185	5.194	-0.009	96	101617	10.0	9.89	
53 Phenyl ether	170	5.259	5.267	-0.008	89	69812	10.0	9.52	
54 2-Nitroaniline	65	5.265	5.276	-0.011	90	41191	10.0	9.64	
55 1,3-Dimethylnaphthalene	156	5.353	5.362	-0.009	92	80509	10.0	9.44	
56 Dimethyl phthalate	163	5.418	5.432	-0.014	97	117762	10.0	9.93	
57 Coumarin	146	5.421	5.432	-0.011	72	39473	10.0	9.83	
58 2,6-Dinitrotoluene	165	5.456	5.471	-0.015	66	26264	10.0	10.4	
59 Acenaphthylene	152	5.498	5.506	-0.008	97	165877	10.0	10.1	
60 3-Nitroaniline	138	5.577	5.592	-0.015	93	30141	10.0	9.91	
* 61 Acenaphthene-d10	164	5.607	5.612	-0.005	97	364541	40.0	40.0	
62 Acenaphthene	154	5.630	5.639	-0.009	84	93563	10.0	9.87	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.639	5.651	-0.012	82	86608	10.0	9.57	
64 2,4-Dinitrophenol	184	5.657	5.671	-0.014	64	22479	20.0	17.7	
65 4-Nitrophenol	65	5.710	5.727	-0.017	92	47791	20.0	19.3	
67 2,4-Dinitrotoluene	165	5.757	5.769	-0.012	70	35527	10.0	10.5	
66 Dibenzofuran	168	5.760	5.772	-0.012	91	145799	10.0	10.0	
68 2,3,4,6-Tetrachlorophenol	232	5.854	5.863	-0.009	90	28539	10.0	9.67	
69 Diethyl phthalate	149	5.958	5.972	-0.014	97	119332	10.0	9.94	
70 Fluorene	166	6.020	6.028	-0.008	83	114823	10.0	9.86	
71 4-Chlorophenyl phenyl ether	204	6.028	6.037	-0.009	84	55737	10.0	9.92	
72 4-Nitroaniline	138	6.034	6.058	-0.024	92	30246	10.0	10.1	
73 4,6-Dinitro-2-methylphenol	198	6.061	6.076	-0.015	46	33368	20.0	19.2	
74 N-Nitrosodiphenylamine	169	6.117	6.129	-0.012	24	85414	10.0	10.1	
75 1,2-Diphenylhydrazine	77	6.146	6.158	-0.012	52	123275	10.0	9.98	
$ 76 2,4,6-Tribromophenol	330	6.199	6.208	-0.009	94	21877	10.0	9.04	
77 4-Bromophenyl phenyl ether	248	6.394	6.403	-0.009	85	34092	10.0	10.0	
78 Hexachlorobenzene	284	6.427	6.436	-0.009	95	42782	10.0	10.3	
79 Atrazine	200	6.530	6.542	-0.012	88	30683	10.0	9.47	
80 Pentachlorophenol	266	6.580	6.589	-0.009	92	50045	20.0	19.7	
81 Pentachloronitrobenzene	237	6.589	6.598	-0.009	85	15033	10.0	9.17	
82 n-Octadecane	57	6.677	6.686	-0.009	91	91678	10.0	9.51	
* 83 Phenanthrene-d10	188	6.722	6.731	-0.009	99	646360	40.0	40.0	
84 Phenanthrene	178	6.739	6.748	-0.009	98	167337	10.0	9.93	
85 Anthracene	178	6.778	6.787	-0.009	98	171476	10.0	9.97	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.901	6.914	-0.013	83	162661	10.0	10.3	
88 Di-n-butyl phthalate	149	7.190	7.200	-0.010	100	198720	10.0	9.78	
89 Fluoranthene	202	7.630	7.639	-0.009	98	176713	10.0	9.74	
90 Benzidine	184	7.742	7.754	-0.012	99	90015	10.0	9.27	
91 Pyrene	202	7.798	7.807	-0.009	97	185975	10.0	9.93	
92 Bisphenol-A	213	7.854	7.863	-0.009	98	79490	10.0	9.70	
$ 93 Terphenyl-d14	244	7.931	7.940	-0.009	98	143773	10.0	9.08	
95 Butyl benzyl phthalate	149	8.320	8.333	-0.013	98	83790	10.0	9.61	
97 Carbamazepine	193	8.385	8.407	-0.022	91	75022	10.0	9.28	
99 3,3'-Dichlorobenzidine	252	8.742	8.758	-0.016	99	64770	10.0	9.40	
100 Benzo[a]anthracene	228	8.754	8.767	-0.013	81	176209	10.0	9.76	
* 98 Chrysene-d12	240	8.763	8.776	-0.013	99	595760	40.0	40.0	
101 Chrysene	228	8.783	8.799	-0.016	95	181232	10.0	10.1	
102 Bis(2-ethylhexyl) phthalate	149	8.825	8.838	-0.013	87	126987	10.0	9.81	
103 Di-n-octyl phthalate	149	9.453	9.472	-0.019	97	207382	10.0	9.47	
104 Benzo[b]fluoranthene	252	9.772	9.794	-0.022	97	159843	10.0	10.2	
105 Benzo[k]fluoranthene	252	9.802	9.827	-0.024	99	193813	10.0	10.4	
106 Benzo[a]pyrene	252	10.103	10.127	-0.024	96	165246	10.0	10.4	
* 107 Perylene-d12	264	10.168	10.187	-0.019	99	620150	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.278	11.310	-0.032	99	132605	10.0	10.3	M
109 Dibenz(a,h)anthracene	278	11.311	11.342	-0.031	46	154841	10.0	9.48	
110 Benzo[g,h,i]perylene	276	11.553	11.594	-0.041	94	168112	10.0	9.74	
S 117 Total Cresols	1				0			20.1	
131 2,6-Dichlorophenol	162	4.330	4.342	-0.012	0	45473	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

Reagents:

SV_BNA_L5_00003 Amount Added: 1.00 Units: mL

Report Date: 30-Mar-2022 11:19:51 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460649.D

Injection Date: 30-Mar-2022 09:42:56 Instrument ID: CBNAMS15 Operator ID:

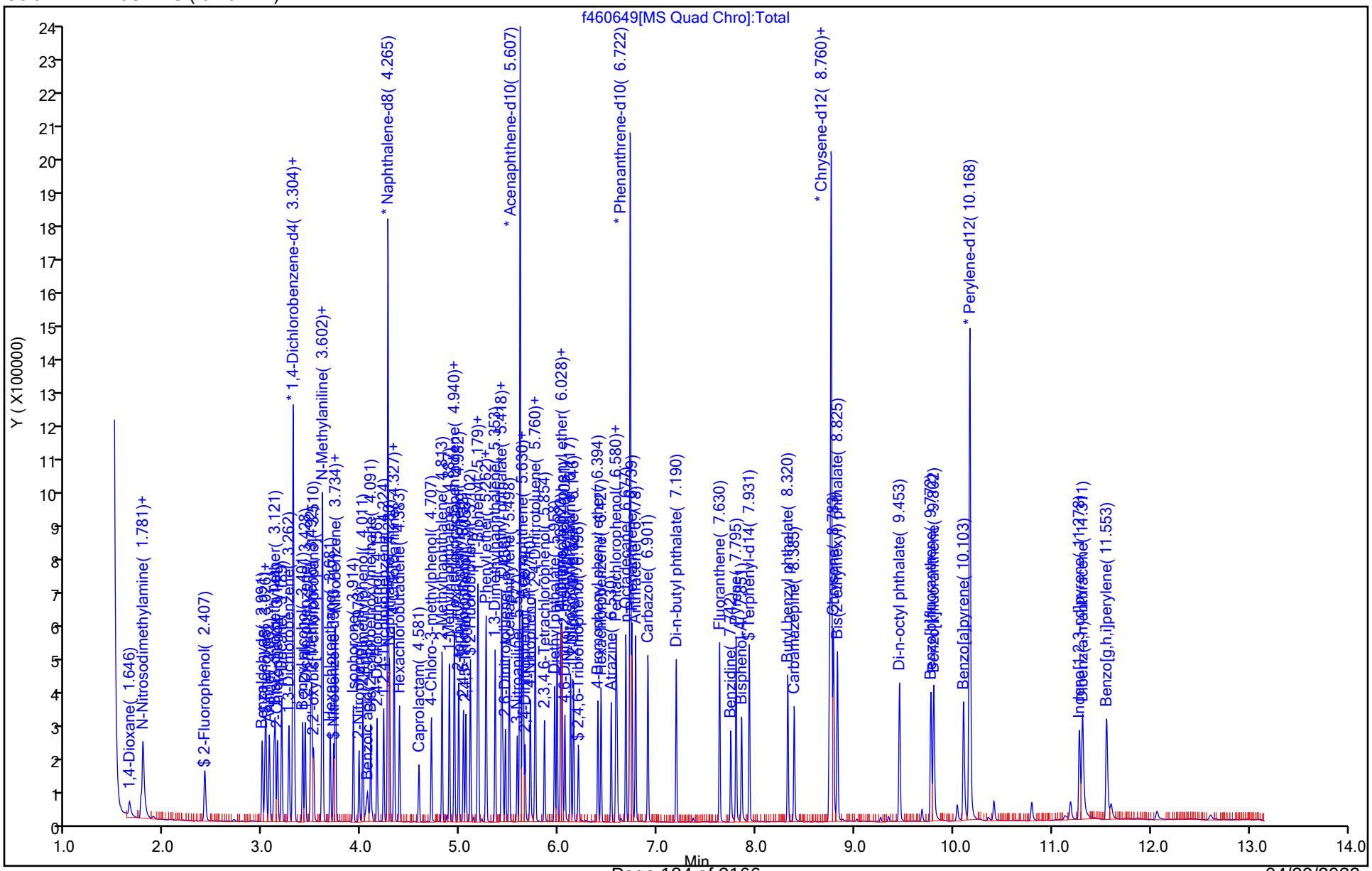
Lims ID: STD10 Worklist Smp#: 6

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

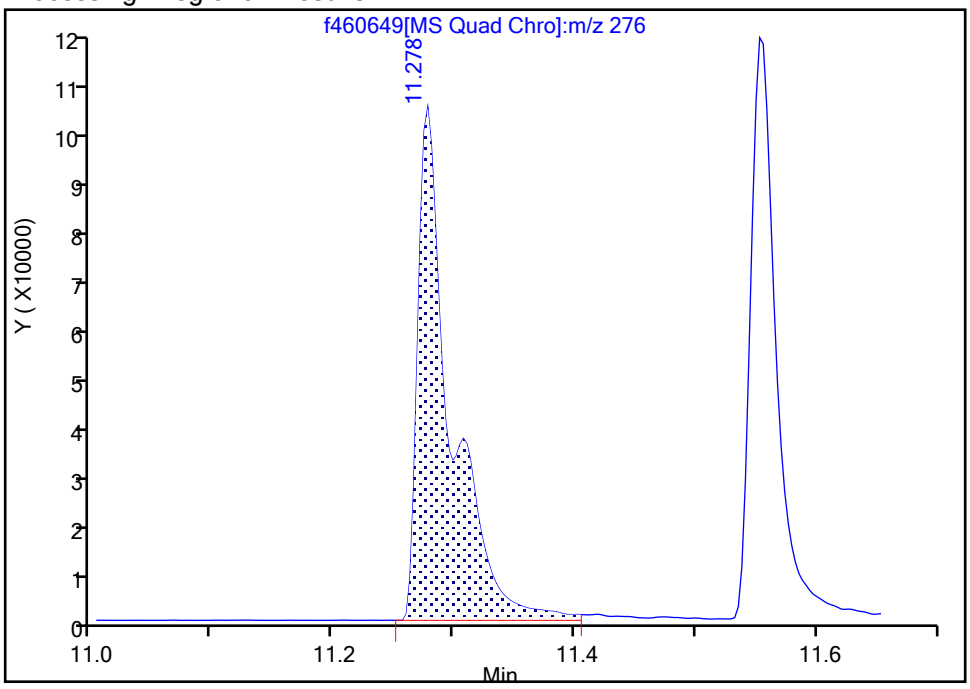
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460649.D				
Injection Date:	30-Mar-2022 09:42:56	Instrument ID:	CBNAMS15		
Lims ID:	STD10				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

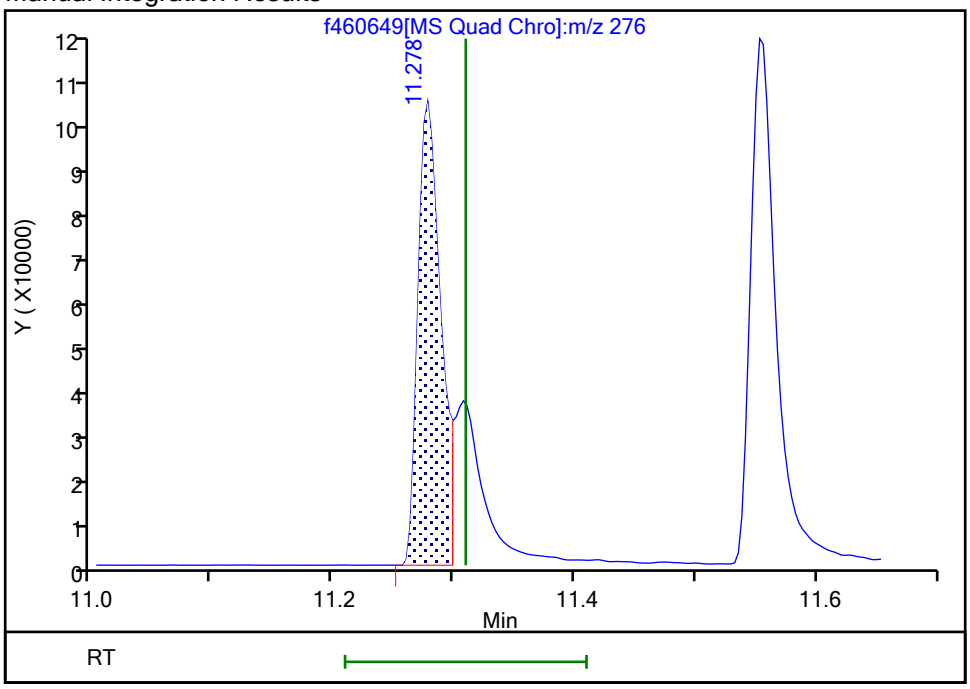
Processing Integration Results

RT: 11.28
Area: 191526
Amount: 13.324846
Amount Units: ug/ml



Manual Integration Results

RT: 11.28
Area: 132605
Amount: 10.280710
Amount Units: ug/ml



Reviewer: johnstonm1, 30-Mar-2022 09:59:59

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460650.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 30-Mar-2022 10:00:14 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143392-007
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Mar-2022 11:19:54 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1603

First Level Reviewer: johnstonm1 Date: 30-Mar-2022 10:17:30

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.646	1.649	-0.003	86	10142	5.00	5.25	
	2 N-Nitrosodimethylamine	74	1.760	1.766	-0.006	82	14908	5.00	5.18	
	3 Pyridine	79	1.781	1.787	-0.006	85	51331	10.0	10.4	
$	5 2-Fluorophenol	112	2.408	2.417	-0.009	92	24644	5.00	4.71	
	7 Benzaldehyde	77	2.988	3.001	-0.013	92	20870	5.00	4.97	
$	8 Phenol-d5	99	3.018	3.033	-0.015	84	30240	5.00	4.71	
	9 Phenol	94	3.026	3.045	-0.019	87	32019	5.00	5.14	
	10 Aniline	93	3.062	3.074	-0.012	71	37403	5.00	5.03	
	11 Bis(2-chloroethyl)ether	93	3.109	3.122	-0.013	91	26260	5.00	5.26	
	12 2-Chlorophenol	128	3.144	3.157	-0.013	74	25757	5.00	5.01	
	13 n-Decane	43	3.185	3.198	-0.013	91	30551	5.00	5.06	
	14 1,3-Dichlorobenzene	146	3.259	3.272	-0.013	92	28900	5.00	5.19	
*	15 1,4-Dichlorobenzene-d4	152	3.303	3.313	-0.010	98	147168	40.0	40.0	
	16 1,4-Dichlorobenzene	146	3.315	3.325	-0.010	88	29571	5.00	5.20	
	17 Benzyl alcohol	108	3.400	3.413	-0.013	91	17050	5.00	5.02	
	18 1,2-Dichlorobenzene	146	3.424	3.437	-0.013	88	27109	5.00	5.07	
	19 2-Methylphenol	108	3.480	3.496	-0.016	87	23477	5.00	5.15	
	20 2,2'-oxybis[1-chloropropane]	45	3.509	3.522	-0.013	56	37358	5.00	5.04	
	130 N-Methylaniline	106	3.595	3.608	-0.013	73	38899	5.00	4.87	
	21 Acetophenone	105	3.600	3.617	-0.017	84	38177	5.00	5.15	
	22 4-Methylphenol	108	3.597	3.617	-0.020	73	26232	5.00	4.99	
	23 3 & 4 Methylphenol	108	3.597	3.617	-0.020	96	26232	5.00	4.99	
	24 N-Nitrosodi-n-propylamine	70	3.603	3.622	-0.019	77	16345	5.00	4.99	
	25 Hexachloroethane	117	3.680	3.690	-0.010	92	11341	5.00	5.09	
$	26 Nitrobenzene-d5	82	3.712	3.728	-0.016	91	28166	5.00	4.76	
	27 Nitrobenzene	123	3.727	3.743	-0.016	89	13065	5.00	5.33	
	28 n,n'-Dimethylaniline	120	3.733	3.746	-0.013	83	39716	5.00	4.99	
	29 Isophorone	82	3.913	3.929	-0.016	99	51364	5.00	5.14	
	30 2-Nitrophenol	139	3.972	3.982	-0.010	86	12484	5.00	4.63	
	31 2,4-Dimethylphenol	122	4.010	4.023	-0.013	89	22165	5.00	4.94	
	32 Bis(2-chloroethoxy)methane	93	4.089	4.103	-0.014	95	31425	5.00	5.07	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.045	4.121	-0.076	30	12196	5.00	4.09	
34 2,4-Dichlorophenol	162	4.154	4.165	-0.011	94	21442	5.00	5.11	
35 1,2,4-Trichlorobenzene	180	4.222	4.233	-0.011	94	22578	5.00	5.10	
* 36 Naphthalene-d8	136	4.263	4.274	-0.011	100	580604	40.0	40.0	
37 Naphthalene	128	4.278	4.291	-0.013	90	75617	5.00	5.05	
38 4-Chloroaniline	127	4.325	4.339	-0.014	90	32473	5.00	5.03	
39 Hexachlorobutadiene	225	4.381	4.392	-0.011	92	13088	5.00	4.80	
40 Caprolactam	113	4.569	4.613	-0.044	89	7108	5.00	4.27	
41 4-Chloro-3-methylphenol	107	4.705	4.716	-0.011	95	22119	5.00	5.10	
42 2-Methylnaphthalene	142	4.814	4.822	-0.008	84	51769	5.00	5.03	
43 1-Methylnaphthalene	142	4.887	4.896	-0.009	91	48801	5.00	5.14	
44 Hexachlorocyclopentadiene	237	4.935	4.946	-0.012	84	12512	5.00	4.15	
45 1,2,4,5-Tetrachlorobenzene	216	4.937	4.949	-0.012	95	23311	5.00	4.87	
46 2-tertbutyl-4-methylphenol	149	4.982	4.993	-0.011	89	30995	5.00	4.83	
47 2,4,6-Trichlorophenol	196	5.029	5.040	-0.011	87	15633	5.00	4.91	
48 2,4,5-Trichlorophenol	196	5.052	5.064	-0.012	93	17574	5.00	4.98	
$ 50 2-Fluorobiphenyl	172	5.100	5.111	-0.011	97	58381	5.00	4.77	
51 1,1'-Biphenyl	154	5.173	5.185	-0.012	96	62220	5.00	4.95	
52 2-Chloronaphthalene	162	5.182	5.194	-0.012	96	48671	5.00	5.01	
53 Phenyl ether	170	5.256	5.267	-0.011	90	33859	5.00	4.89	
54 2-Nitroaniline	65	5.262	5.276	-0.014	85	19306	5.00	4.78	
55 1,3-Dimethylnaphthalene	156	5.350	5.362	-0.012	91	38443	5.00	4.77	
56 Dimethyl phthalate	163	5.415	5.432	-0.017	96	55459	5.00	4.95	
57 Coumarin	146	5.418	5.432	-0.014	73	18132	5.00	4.73	
58 2,6-Dinitrotoluene	165	5.453	5.471	-0.018	68	11672	5.00	4.91	
59 Acenaphthylene	152	5.494	5.506	-0.012	96	77484	5.00	4.99	
60 3-Nitroaniline	138	5.574	5.592	-0.018	92	14787	5.00	5.15	
* 61 Acenaphthene-d10	164	5.603	5.612	-0.009	98	344411	40.0	40.0	
62 Acenaphthene	154	5.627	5.639	-0.012	81	43893	5.00	4.90	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.639	5.651	-0.012	82	40826	5.00	4.78	
64 2,4-Dinitrophenol	184	5.653	5.671	-0.018	52	8146	10.0	9.29	
65 4-Nitrophenol	65	5.707	5.727	-0.020	92	21566	10.0	9.24	
67 2,4-Dinitrotoluene	165	5.754	5.769	-0.015	69	15975	5.00	4.99	
66 Dibenzofuran	168	5.760	5.772	-0.012	92	69127	5.00	5.04	
68 2,3,4,6-Tetrachlorophenol	232	5.851	5.863	-0.012	91	13084	5.00	4.69	
69 Diethyl phthalate	149	5.954	5.972	-0.018	97	55731	5.00	4.91	
70 Fluorene	166	6.016	6.028	-0.012	82	55130	5.00	5.01	
71 4-Chlorophenyl phenyl ether	204	6.028	6.037	-0.009	84	26925	5.00	5.07	
72 4-Nitroaniline	138	6.031	6.058	-0.027	86	14453	5.00	5.12	
73 4,6-Dinitro-2-methylphenol	198	6.057	6.076	-0.019	46	13807	10.0	9.57	
74 N-Nitrosodiphenylamine	169	6.116	6.129	-0.013	16	40527	5.00	5.03	
75 1,2-Diphenylhydrazine	77	6.146	6.158	-0.012	45	58942	5.00	5.03	
$ 76 2,4,6-Tribromophenol	330	6.196	6.208	-0.012	93	11114	5.00	4.86	
77 4-Bromophenyl phenyl ether	248	6.393	6.403	-0.010	86	15620	5.00	4.83	
78 Hexachlorobenzene	284	6.426	6.436	-0.010	86	20163	5.00	5.10	
79 Atrazine	200	6.526	6.542	-0.016	87	14484	5.00	4.71	
80 Pentachlorophenol	266	6.576	6.589	-0.013	89	23038	10.0	9.56	
81 Pentachloronitrobenzene	237	6.585	6.598	-0.013	81	7193	5.00	4.62	
82 n-Octadecane	57	6.676	6.686	-0.010	92	41843	5.00	4.58	
* 83 Phenanthrene-d10	188	6.721	6.731	-0.011	99	613212	40.0	40.0	
84 Phenanthrene	178	6.735	6.748	-0.013	98	80435	5.00	5.03	
85 Anthracene	178	6.774	6.787	-0.013	97	77704	5.00	4.76	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.900	6.914	-0.014	83	73300	5.00	4.87	
88 Di-n-butyl phthalate	149	7.186	7.200	-0.014	100	89987	5.00	4.67	
89 Fluoranthene	202	7.626	7.639	-0.013	97	81668	5.00	4.75	
90 Benzidine	184	7.741	7.754	-0.013	98	41563	5.00	4.51	
91 Pyrene	202	7.794	7.807	-0.013	97	86003	5.00	4.88	
92 Bisphenol-A	213	7.850	7.863	-0.013	98	35240	5.00	4.57	
$ 93 Terphenyl-d14	244	7.927	7.940	-0.013	98	69749	5.00	4.68	
95 Butyl benzyl phthalate	149	8.316	8.333	-0.017	98	38939	5.00	4.75	
97 Carbamazepine	193	8.381	8.407	-0.026	90	32432	5.00	4.26	
99 3,3'-Dichlorobenzidine	252	8.738	8.758	-0.020	98	30229	5.00	4.66	
100 Benzo[a]anthracene	228	8.750	8.767	-0.017	62	82377	5.00	4.85	
* 98 Chrysene-d12	240	8.758	8.776	-0.018	99	560644	40.0	40.0	
101 Chrysene	228	8.779	8.799	-0.020	92	85877	5.00	5.07	
102 Bis(2-ethylhexyl) phthalate	149	8.820	8.838	-0.018	88	58212	5.00	4.78	
103 Di-n-octyl phthalate	149	9.449	9.472	-0.023	97	92278	5.00	4.44	
104 Benzo[b]fluoranthene	252	9.765	9.794	-0.029	95	71725	5.00	4.80	
105 Benzo[k]fluoranthene	252	9.794	9.827	-0.032	100	88379	5.00	4.98	
106 Benzo[a]pyrene	252	10.098	10.127	-0.029	96	73172	5.00	4.84	
* 107 Perylene-d12	264	10.160	10.187	-0.027	98	589154	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.270	11.310	-0.040	94	54362	5.00	4.67	M
109 Dibenz(a,h)anthracene	278	11.303	11.342	-0.039	43	68281	5.00	4.54	
110 Benzo[g,h,i]perylene	276	11.542	11.594	-0.052	92	76647	5.00	4.67	
S 117 Total Cresols	1				0			10.1	
131 2,6-Dichlorophenol	162	4.328	4.342	-0.014	87	21156	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

Reagents:

SV_BNA_L4_00003 Amount Added: 1.00 Units: mL

Report Date: 30-Mar-2022 11:19:57 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460650.D

Injection Date: 30-Mar-2022 10:00:14 Instrument ID: CBNAMS15 Operator ID:

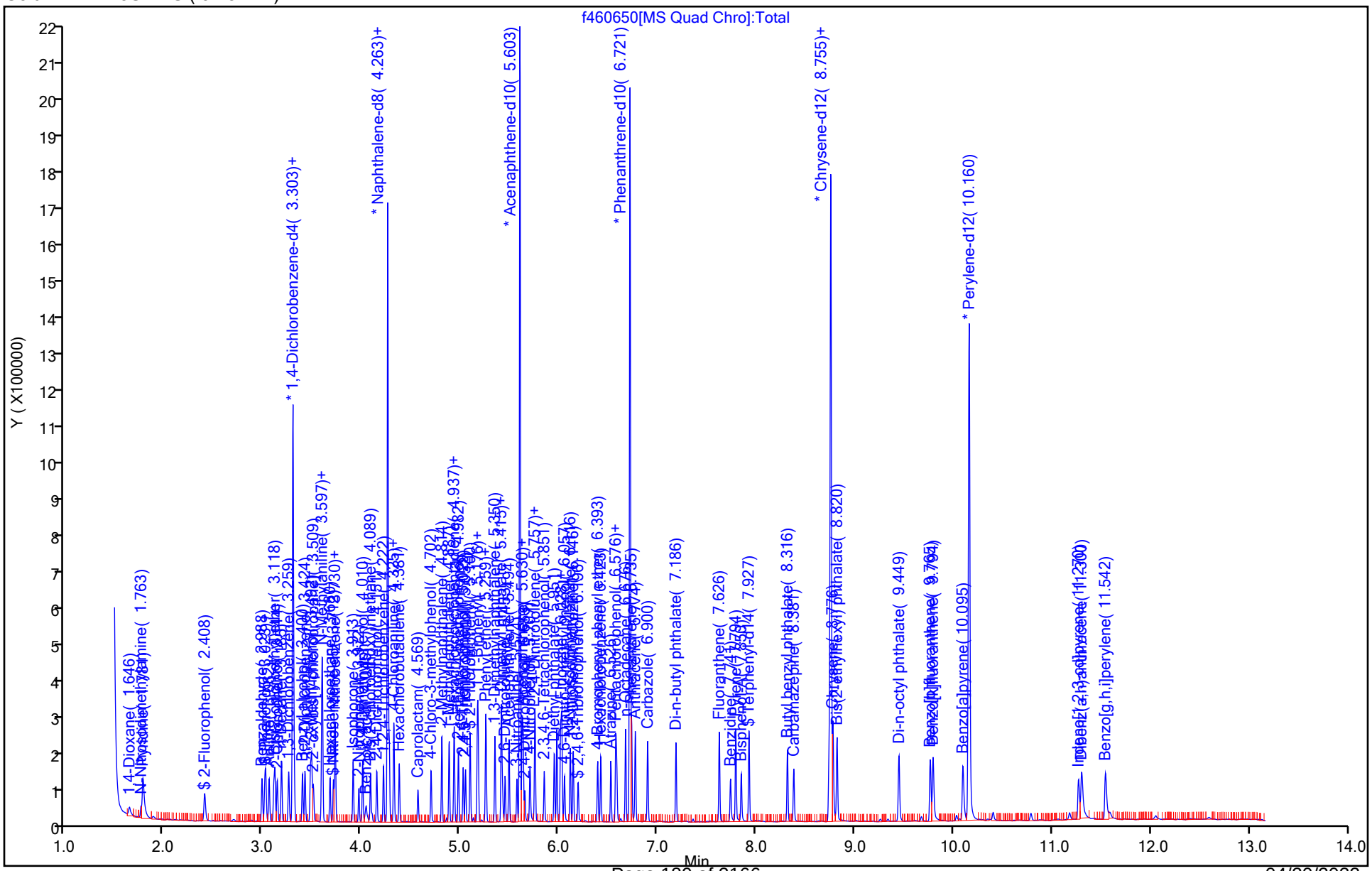
Lims ID: STD5 Worklist Smp#: 7

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

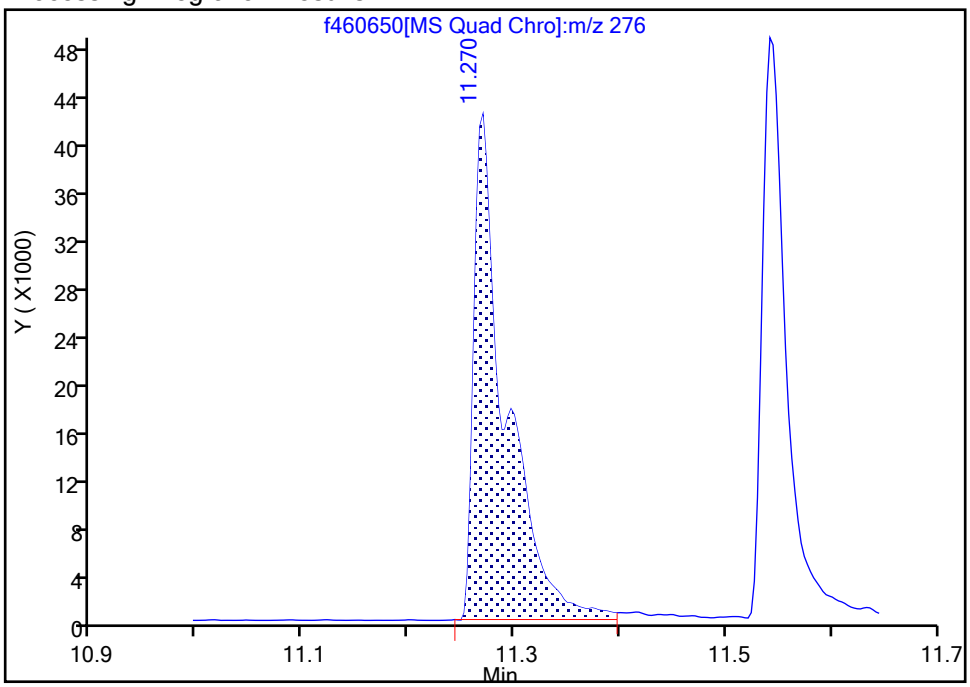
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460650.D
Injection Date: 30-Mar-2022 10:00:14 Instrument ID: CBNAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

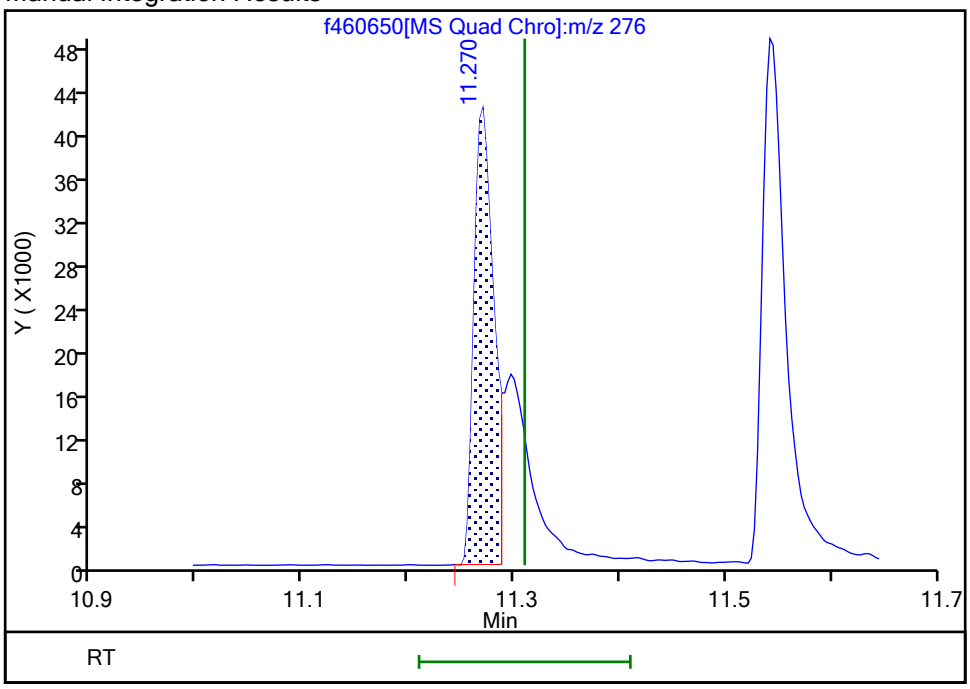
Processing Integration Results

RT: 11.27
Area: 87025
Amount: 6.432690
Amount Units: ug/ml



Manual Integration Results

RT: 11.27
Area: 54362
Amount: 4.670024
Amount Units: ug/ml



Reviewer: johnstonm1, 30-Mar-2022 10:16:55
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460651.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Mar-2022 10:17:28 ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143392-008
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Mar-2022 11:19:59 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1603

First Level Reviewer: johnstonm1 Date: 30-Mar-2022 10:38:15

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.646	1.649	-0.003	81	3682	2.00	1.91	
	3 Pyridine	79	1.784	1.787	-0.003	84	19474	4.00	3.97	
$	5 2-Fluorophenol	112	2.405	2.417	-0.012	93	12541	2.00	2.40	
	7 Benzaldehyde	77	2.988	3.001	-0.013	90	8772	2.00	2.09	
$	8 Phenol-d5	99	3.018	3.033	-0.015	84	15100	2.00	2.36	
	11 Bis(2-chloroethyl)ether	93	3.106	3.122	-0.016	90	9938	2.00	1.99	
*	15 1,4-Dichlorobenzene-d4	152	3.303	3.313	-0.010	97	146985	40.0	40.0	
	24 N-Nitrosodi-n-propylamine	70	3.604	3.622	-0.018	80	6240	2.00	1.91	
	25 Hexachloroethane	117	3.677	3.690	-0.013	92	4218	2.00	1.90	
$	26 Nitrobenzene-d5	82	3.713	3.728	-0.016	93	13512	2.00	2.30	
	27 Nitrobenzene	123	3.727	3.743	-0.016	89	4694	2.00	1.92	
	28 n,n'-Dimethylaniline	120	3.733	3.746	-0.013	82	15250	2.00	1.92	
	29 Isophorone	82	3.913	3.929	-0.016	99	19466	2.00	1.96	
	34 2,4-Dichlorophenol	162	4.154	4.165	-0.011	92	7721	2.00	1.85	
	35 1,2,4-Trichlorobenzene	180	4.222	4.233	-0.011	94	8612	2.00	1.96	
*	36 Naphthalene-d8	136	4.263	4.274	-0.011	100	576568	40.0	40.0	
	39 Hexachlorobutadiene	225	4.381	4.392	-0.011	87	5022	2.00	1.86	
	40 Caprolactam	113	4.563	4.613	-0.050	86	2806	2.00	1.70	
	47 2,4,6-Trichlorophenol	196	5.028	5.040	-0.012	84	5232	2.00	1.66	
$	50 2-Fluorobiphenyl	172	5.099	5.111	-0.012	97	27967	2.00	2.30	
	58 2,6-Dinitrotoluene	165	5.455	5.471	-0.016	67	4166	2.00	1.76	
*	61 Acenaphthene-d10	164	5.602	5.612	-0.010	98	341907	40.0	40.0	
	64 2,4-Dinitrophenol	184	5.655	5.671	-0.016	32	1665	4.00	5.12	
	67 2,4-Dinitrotoluene	165	5.752	5.769	-0.017	69	5197	2.00	1.64	
	73 4,6-Dinitro-2-methylphenol	198	6.056	6.076	-0.020	29	3611	4.00	4.11	
$	76 2,4,6-Tribromophenol	330	6.194	6.208	-0.014	89	4880	2.00	2.15	
	78 Hexachlorobenzene	284	6.424	6.436	-0.012	93	7256	2.00	1.86	
	79 Atrazine	200	6.527	6.542	-0.015	87	5830	2.00	1.93	
	80 Pentachlorophenol	266	6.577	6.589	-0.012	89	7489	4.00	3.15	
*	83 Phenanthrene-d10	188	6.719	6.731	-0.012	99	604148	40.0	40.0	
$	93 Terphenyl-d14	244	7.927	7.940	-0.013	97	33840	2.00	2.31	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
99 3,3'-Dichlorobenzidine	252	8.740	8.758	-0.018	91	11353	2.00	1.78	
100 Benzo[a]anthracene	228	8.748	8.767	-0.019	53	31310	2.00	1.87	
* 98 Chrysene-d12	240	8.757	8.776	-0.019	99	552037	40.0	40.0	
104 Benzo[b]fluoranthene	252	9.765	9.794	-0.029	96	24429	2.00	1.67	
105 Benzo[k]fluoranthene	252	9.795	9.827	-0.031	99	31674	2.00	1.83	
106 Benzo[a]pyrene	252	10.098	10.127	-0.029	96	26470	2.00	1.79	
* 107 Perylene-d12	264	10.160	10.187	-0.027	99	575294	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.273	11.310	-0.037	98	17733	2.00	1.75	M
109 Dibenz(a,h)anthracene	278	11.306	11.342	-0.036	53	23696	2.00	1.78	
131 2,6-Dichlorophenol	162	4.328	4.342	-0.014	87	7750	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

Reagents:

SV_BNA_L3_00003 Amount Added: 1.00 Units: mL

Report Date: 30-Mar-2022 11:20:01 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460651.D

Injection Date: 30-Mar-2022 10:17:28 Instrument ID: CBNAMS15 Operator ID:

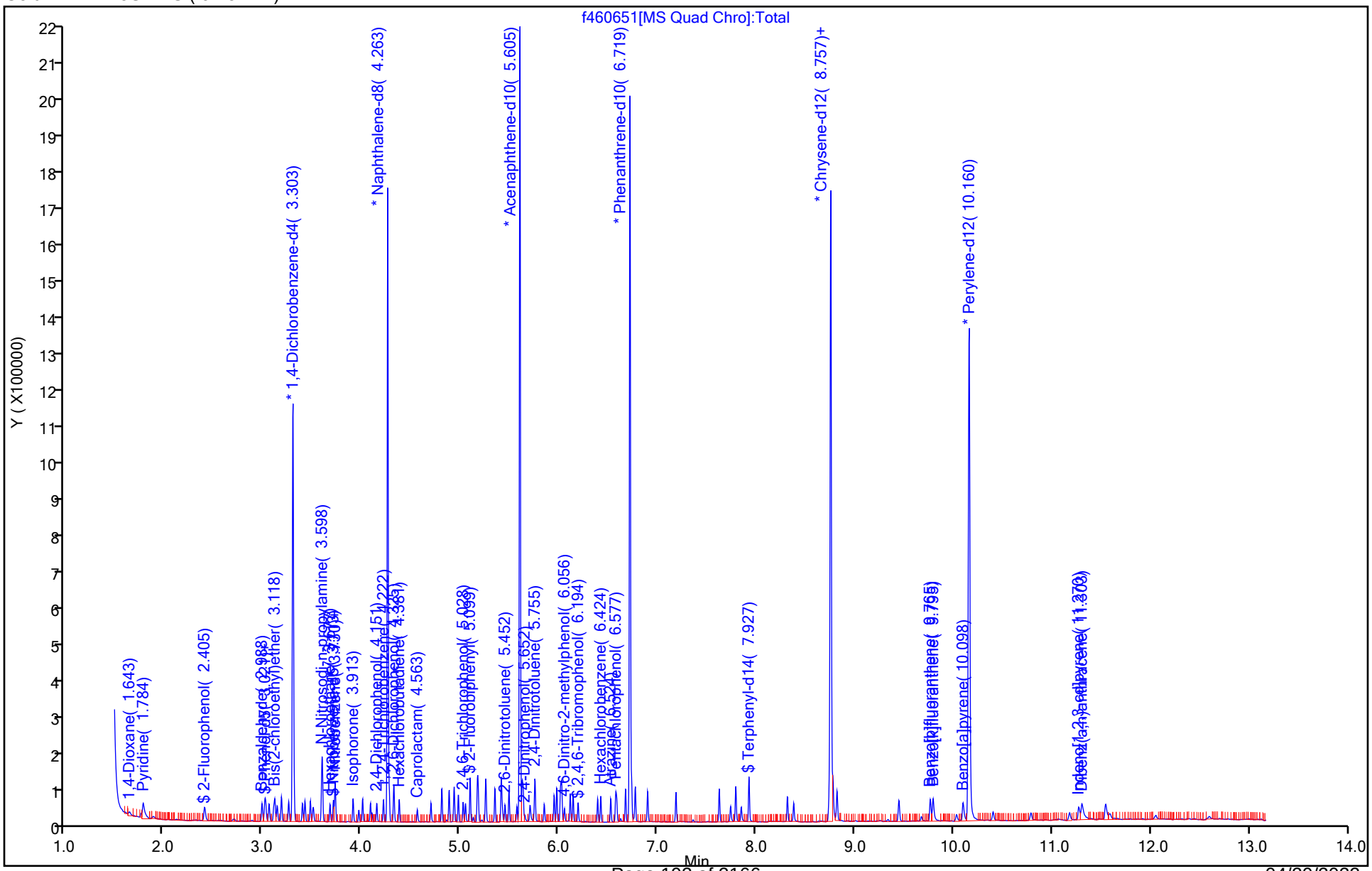
Lims ID: STD2 Worklist Smp#: 8

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

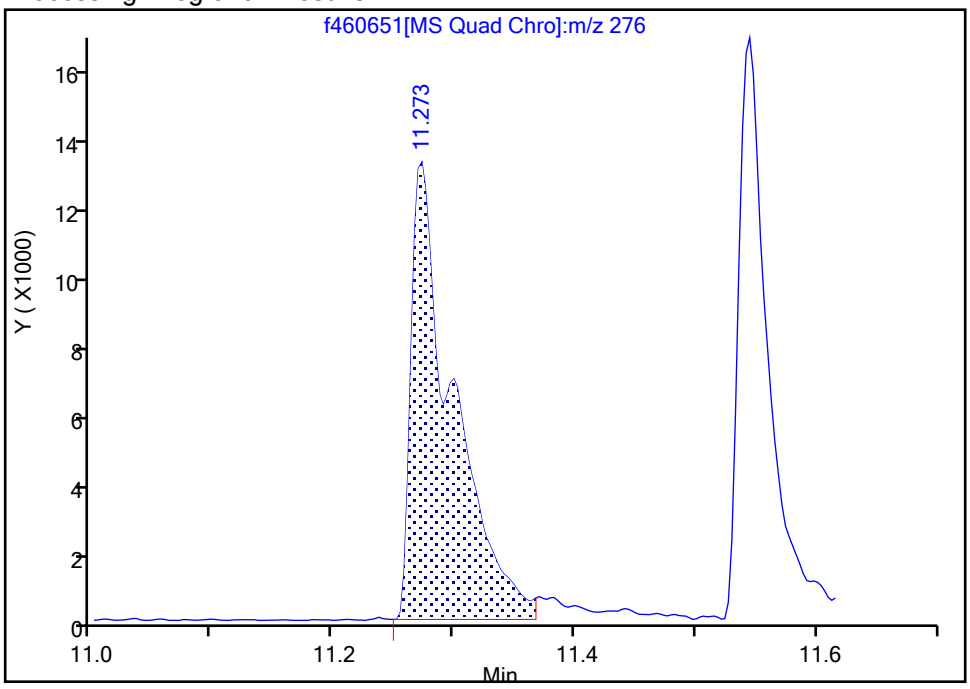
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460651.D
Injection Date: 30-Mar-2022 10:17:28 Instrument ID: CBNAMS15
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

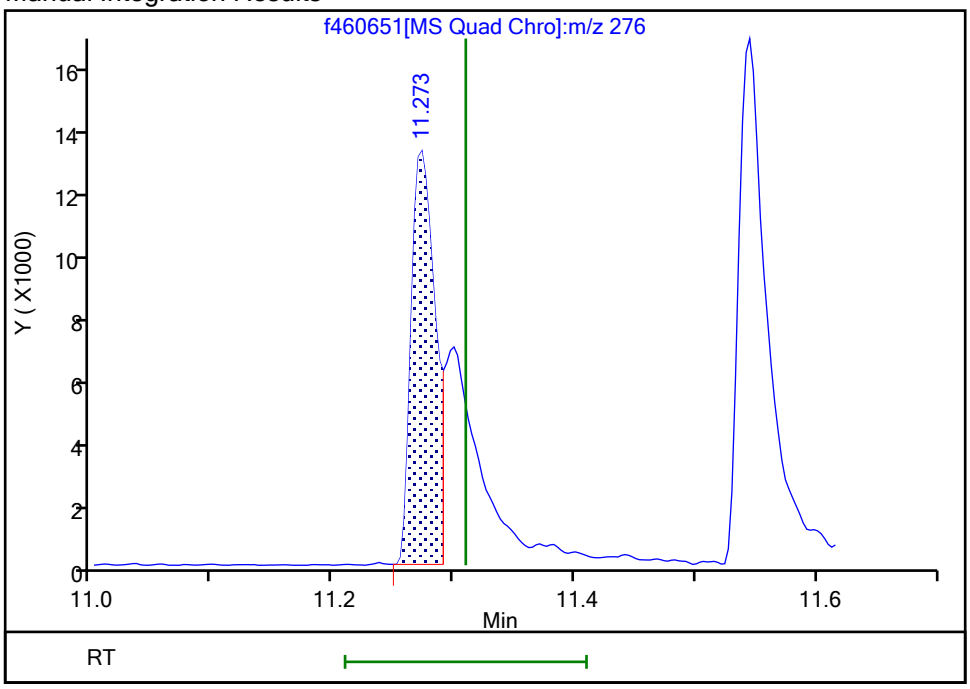
Processing Integration Results

RT: 11.27
Area: 30482
Amount: 2.159591
Amount Units: ug/ml



Manual Integration Results

RT: 11.27
Area: 17733
Amount: 1.747078
Amount Units: ug/ml



Reviewer: johnstonm1, 30-Mar-2022 10:38:00
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460652.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 30-Mar-2022 10:34:44 ALS Bottle#: 0 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143392-009
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Mar-2022 11:20:03 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1603

First Level Reviewer: johnstonm1 Date: 30-Mar-2022 10:51:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.649	1.649	0.000	87	1661	1.00	0.8652	
3 Pyridine	79	1.787	1.787	0.000	87	9953	2.00	2.04	
$ 5 2-Fluorophenol	112	2.406	2.417	-0.011	90	5682	1.00	1.09	
7 Benzaldehyde	77	2.989	3.001	-0.012	92	4689	1.00	1.13	
$ 8 Phenol-d5	99	3.018	3.033	-0.015	84	6929	1.00	1.09	
11 Bis(2-chloroethyl)ether	93	3.107	3.122	-0.015	80	4774	1.00	0.9631	
* 15 1,4-Dichlorobenzene-d4	152	3.301	3.313	-0.012	97	146166	40.0	40.0	
24 N-Nitrosodi-n-propylamine	70	3.605	3.622	-0.017	83	3184	1.00	0.9784	
25 Hexachloroethane	117	3.678	3.690	-0.012	88	2236	1.00	1.01	
$ 26 Nitrobenzene-d5	82	3.713	3.728	-0.015	90	6102	1.00	1.04	
27 Nitrobenzene	123	3.728	3.743	-0.015	89	2354	1.00	0.9670	
28 n,n'-Dimethylaniline	120	3.731	3.746	-0.015	77	7631	1.00	0.9653	
35 1,2,4-Trichlorobenzene	180	4.220	4.233	-0.013	91	4499	1.00	1.02	
* 36 Naphthalene-d8	136	4.264	4.274	-0.010	100	576721	40.0	40.0	
39 Hexachlorobutadiene	225	4.382	4.392	-0.010	86	2993	1.00	1.11	
40 Caprolactam	113	4.564	4.613	-0.049	84	1447	1.00	0.8752	
$ 50 2-Fluorobiphenyl	172	5.100	5.111	-0.011	97	12885	1.00	1.06	
58 2,6-Dinitrotoluene	165	5.454	5.471	-0.017	71	1899	1.00	0.8036	
* 61 Acenaphthene-d10	164	5.604	5.612	-0.008	98	342030	40.0	40.0	
67 2,4-Dinitrotoluene	165	5.754	5.769	-0.015	56	2545	1.00	0.8006	
$ 76 2,4,6-Tribromophenol	330	6.193	6.208	-0.015	82	2118	1.00	0.9332	
78 Hexachlorobenzene	284	6.423	6.436	-0.013	89	4110	1.00	1.04	
79 Atrazine	200	6.526	6.542	-0.016	86	3090	1.00	1.01	
* 83 Phenanthrene-d10	188	6.720	6.731	-0.011	99	612629	40.0	40.0	
$ 93 Terphenyl-d14	244	7.928	7.940	-0.012	97	15164	1.00	1.05	
100 Benzo[a]anthracene	228	8.747	8.767	-0.020	50	16516	1.00	1.00	
* 98 Chrysene-d12	240	8.756	8.776	-0.020	99	542937	40.0	40.0	
104 Benzo[b]fluoranthene	252	9.764	9.794	-0.030	97	11959	1.00	0.8238	
105 Benzo[k]fluoranthene	252	9.794	9.827	-0.032	95	17014	1.00	0.9872	
106 Benzo[a]pyrene	252	10.097	10.127	-0.030	96	12433	1.00	0.8465	
* 107 Perylene-d12	264	10.159	10.187	-0.028	99	572281	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
108 Indeno[1,2,3-cd]pyrene	276	11.274	11.310	-0.036	96	7995	1.00	0.9345	M
109 Dibenz(a,h)anthracene	278	11.307	11.342	-0.035	39	11119	1.00	0.9769	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SV_BNA_L2_00003 Amount Added: 1.00 Units: mL

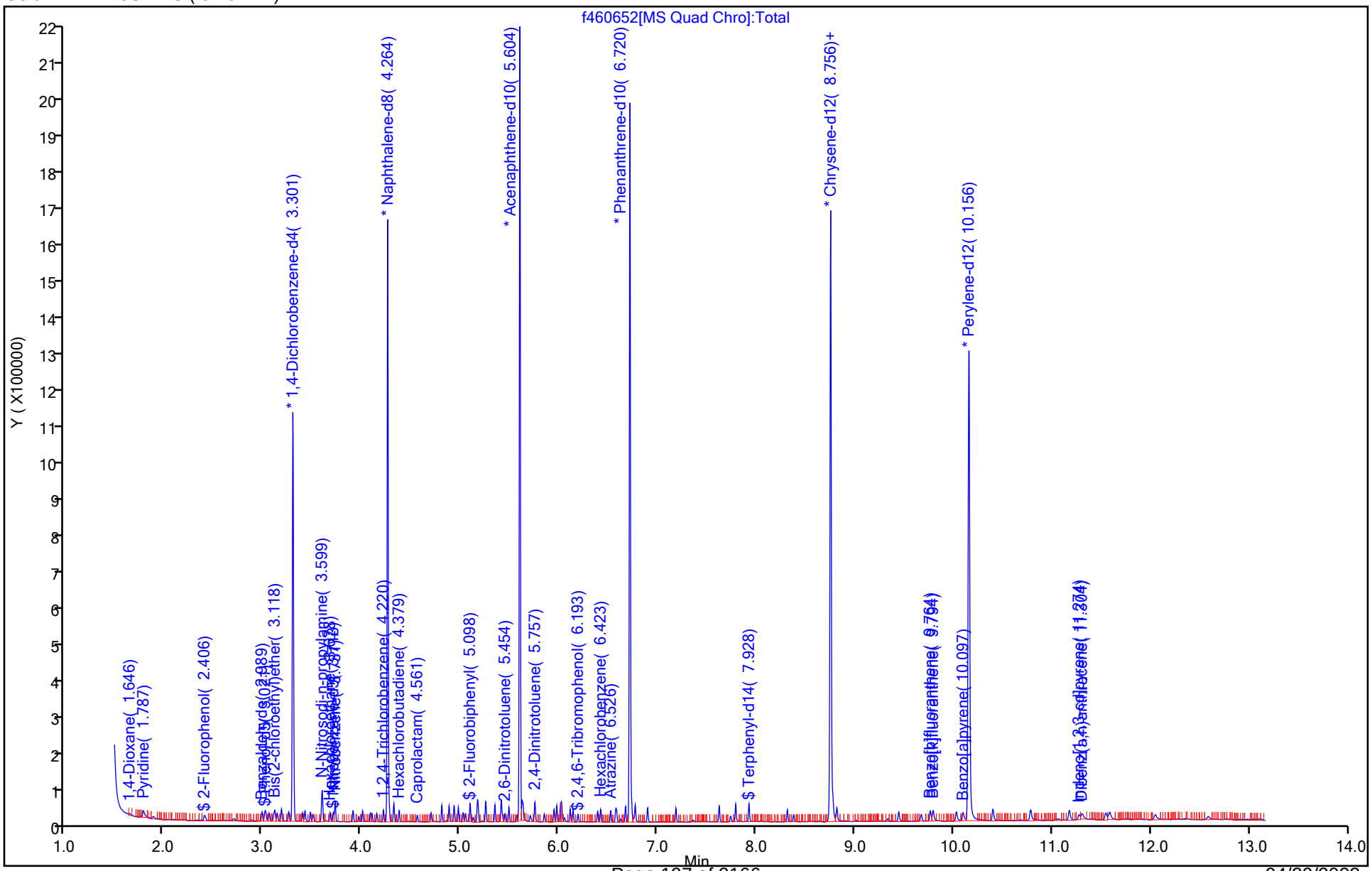
Report Date: 30-Mar-2022 11:20:05 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460652.D

Injection Date:	30-Mar-2022 10:34:44	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

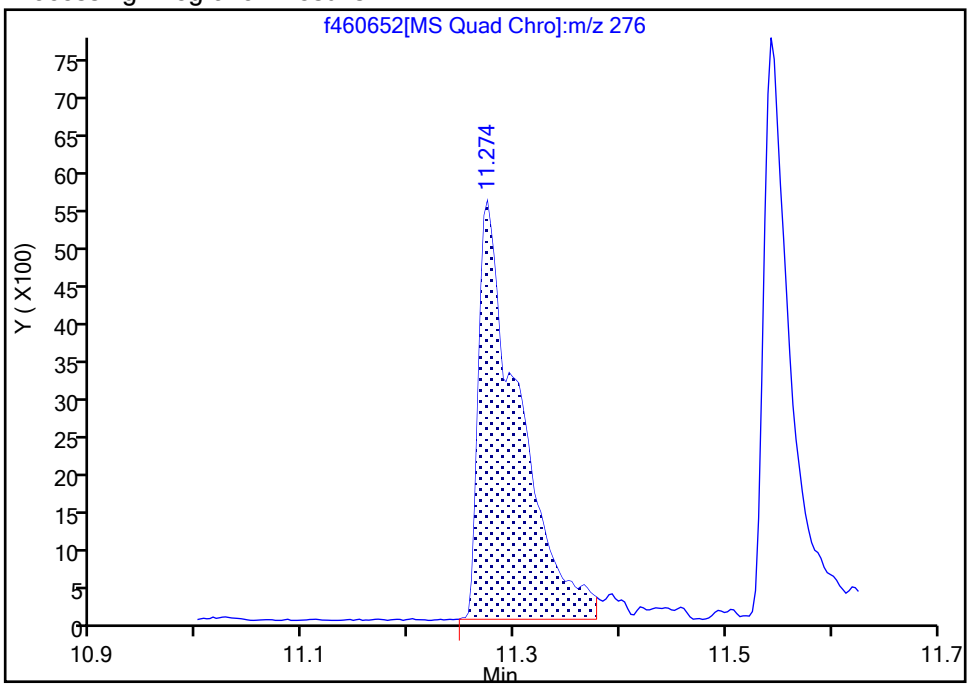
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460652.D
Injection Date: 30-Mar-2022 10:34:44 Instrument ID: CBNAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

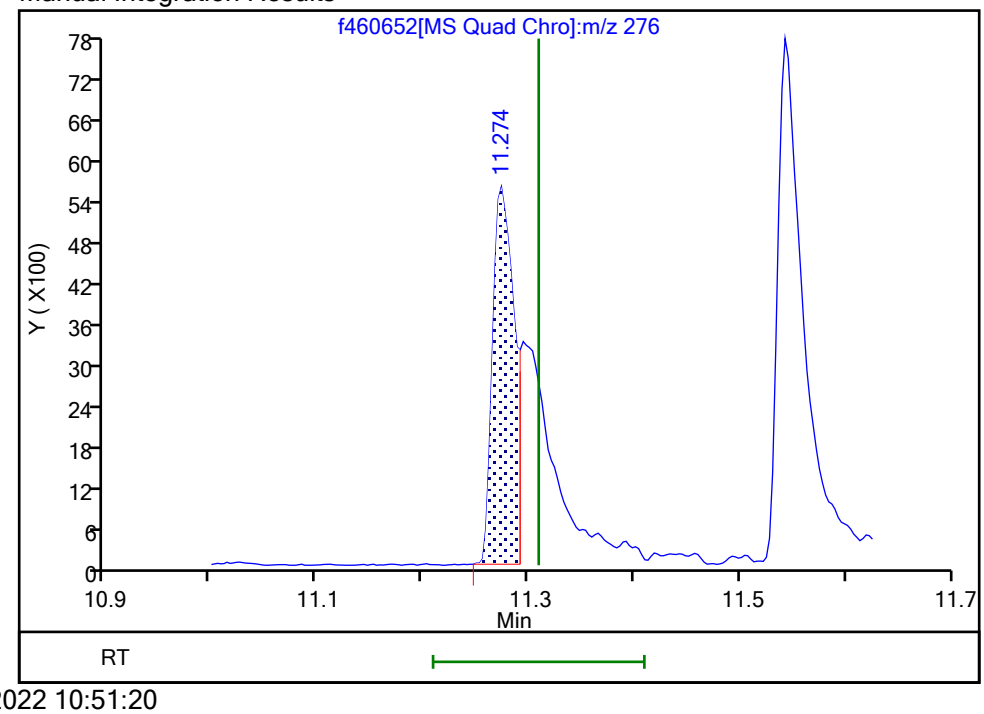
Processing Integration Results

RT: 11.27
Area: 14735
Amount: 1.104993
Amount Units: ug/ml



Manual Integration Results

RT: 11.27
Area: 7995
Amount: 0.934489
Amount Units: ug/ml



Reviewer: johnstonm1, 30-Mar-2022 10:51:20
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 30-Mar-2022 10:52:03 ALS Bottle#: 0 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143392-010
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Mar-2022 11:20:07 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1603

First Level Reviewer: johnstonm1 Date: 30-Mar-2022 11:09:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.649	1.649	0.000	69	1084	0.5000	0.5718	
$ 8 Phenol-d5	99	3.016	3.033	-0.017	92	3120	0.5000	0.4959	
11 Bis(2-chloroethyl)ether	93	3.108	3.122	-0.014	83	2477	0.5000	0.5060	
* 15 1,4-Dichlorobenzene-d4	152	3.302	3.313	-0.011	98	144346	40.0	40.0	
24 N-Nitrosodi-n-propylamine	70	3.603	3.622	-0.019	74	1784	0.5000	0.5551	
25 Hexachloroethane	117	3.680	3.690	-0.010	81	1064	0.5000	0.4868	
$ 26 Nitrobenzene-d5	82	3.712	3.728	-0.016	87	3107	0.5000	0.5294	
27 Nitrobenzene	123	3.727	3.743	-0.016	87	1004	0.5000	0.4176	
28 n,n'-Dimethylaniline	120	3.733	3.746	-0.013	86	4040	0.5000	0.5175	
35 1,2,4-Trichlorobenzene	180	4.222	4.233	-0.011	83	2018	0.5000	0.4596	
* 36 Naphthalene-d8	136	4.263	4.274	-0.011	100	575450	40.0	40.0	
$ 50 2-Fluorobiphenyl	172	5.099	5.111	-0.012	94	6367	0.5000	0.5332	
* 61 Acenaphthene-d10	164	5.603	5.612	-0.009	98	335712	40.0	40.0	
78 Hexachlorobenzene	284	6.425	6.436	-0.011	78	1788	0.5000	0.4617	
* 83 Phenanthrene-d10	188	6.720	6.731	-0.011	99	600196	40.0	40.0	
$ 93 Terphenyl-d14	244	7.928	7.940	-0.012	94	6744	0.5000	0.4713	
100 Benzo[a]anthracene	228	8.750	8.767	-0.017	47	8629	0.5000	0.5293	
* 98 Chrysene-d12	240	8.756	8.776	-0.020	99	538150	40.0	40.0	
104 Benzo[b]fluoranthene	252	9.770	9.794	-0.024	93	5916	0.5000	0.4132	
105 Benzo[k]fluoranthene	252	9.797	9.827	-0.029	94	8050	0.5000	0.4736	
106 Benzo[a]pyrene	252	10.100	10.127	-0.027	95	5999	0.5000	0.4141	
* 107 Perylene-d12	264	10.159	10.187	-0.028	98	564456	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.277	11.310	-0.033	87	3209	0.5000	0.5333	M
109 Dibenz(a,h)anthracene	278	11.315	11.342	-0.027	51	4061	0.5000	0.5250	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SV_BNA_L1_00003 Amount Added: 1.00 Units: mL

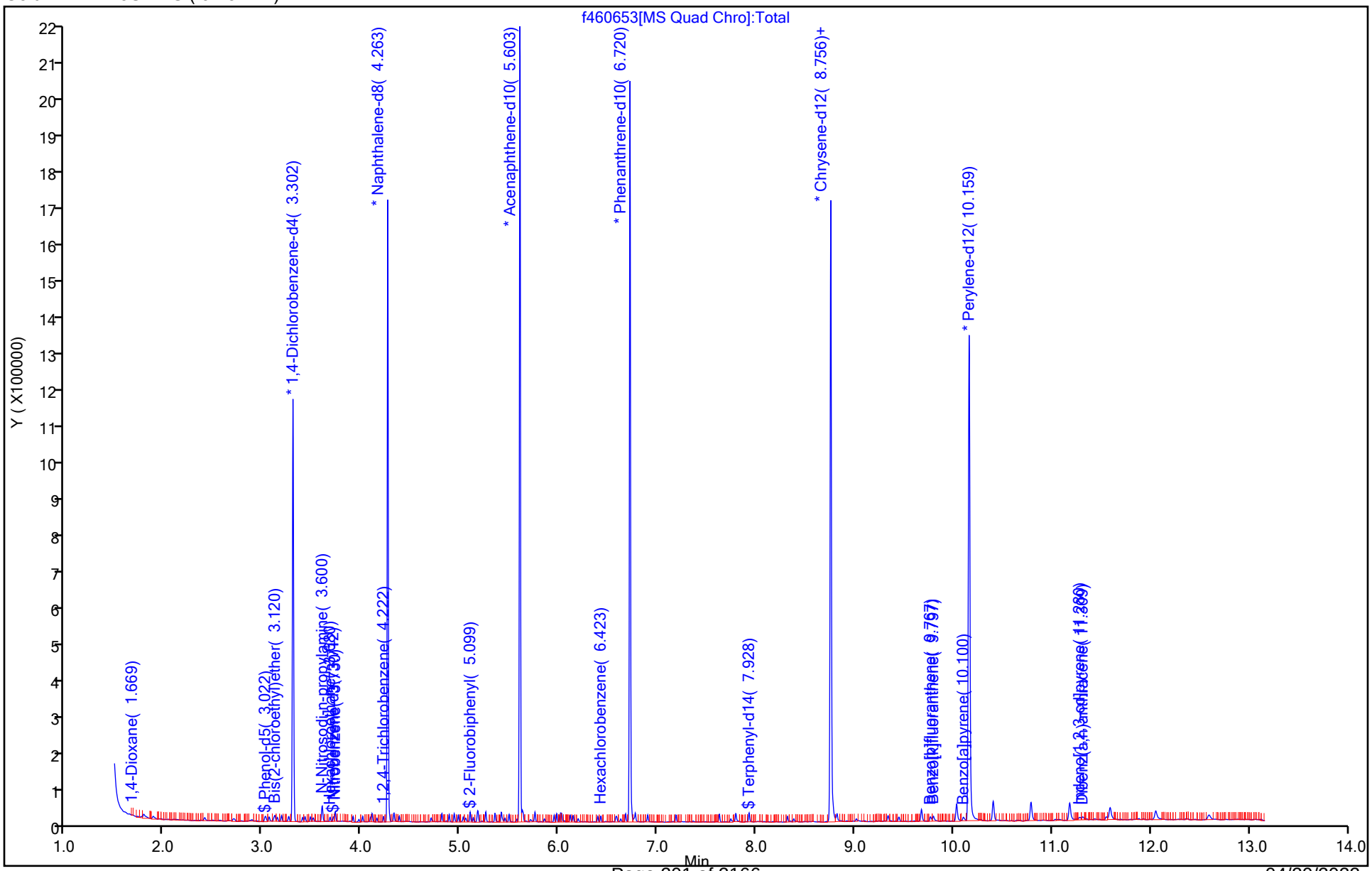
Report Date: 30-Mar-2022 11:20:09 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Injection Date:	30-Mar-2022 10:52:03	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	STD05			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

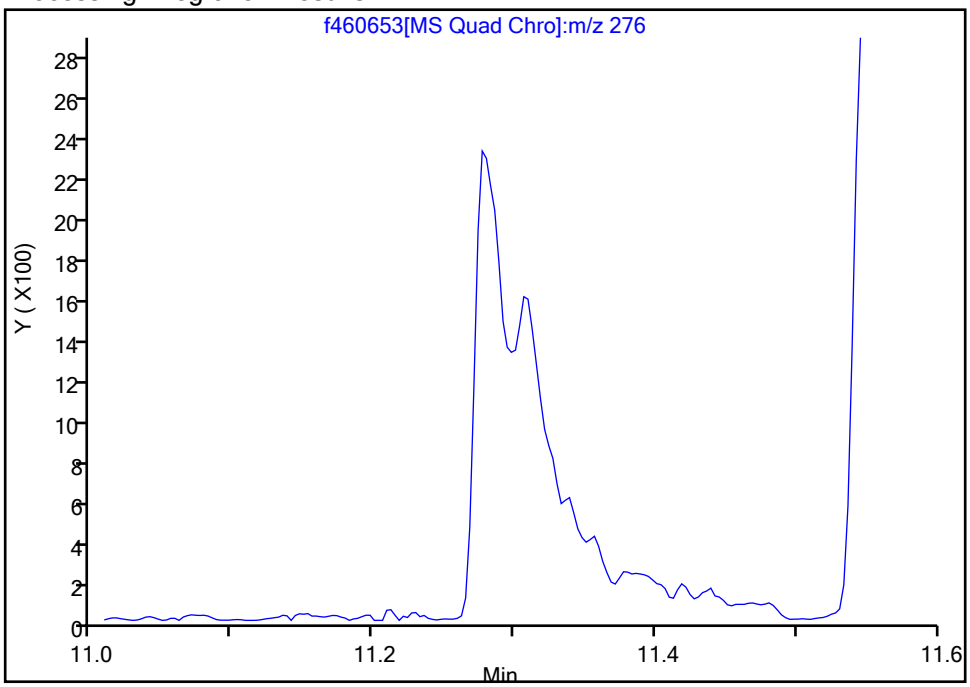
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D				
Injection Date:	30-Mar-2022 10:52:03	Instrument ID:	CBNAMS15		
Lims ID:	STD05				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

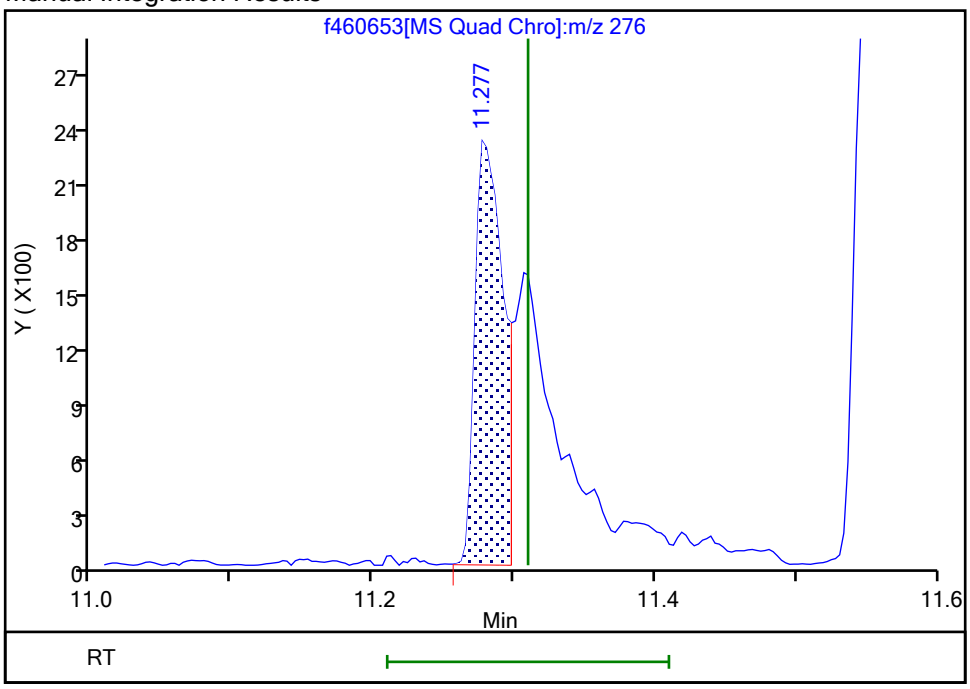
Not Detected
Expected RT: 11.31

Processing Integration Results



Manual Integration Results

RT: 11.28
Area: 3209
Amount: 0.533255
Amount Units: ug/ml



Reviewer: johnstonm1, 30-Mar-2022 11:09:05
Audit Action: Manually Integrated Audit Reason: Missed Peak

Calibration / 1,4-Dioxane

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

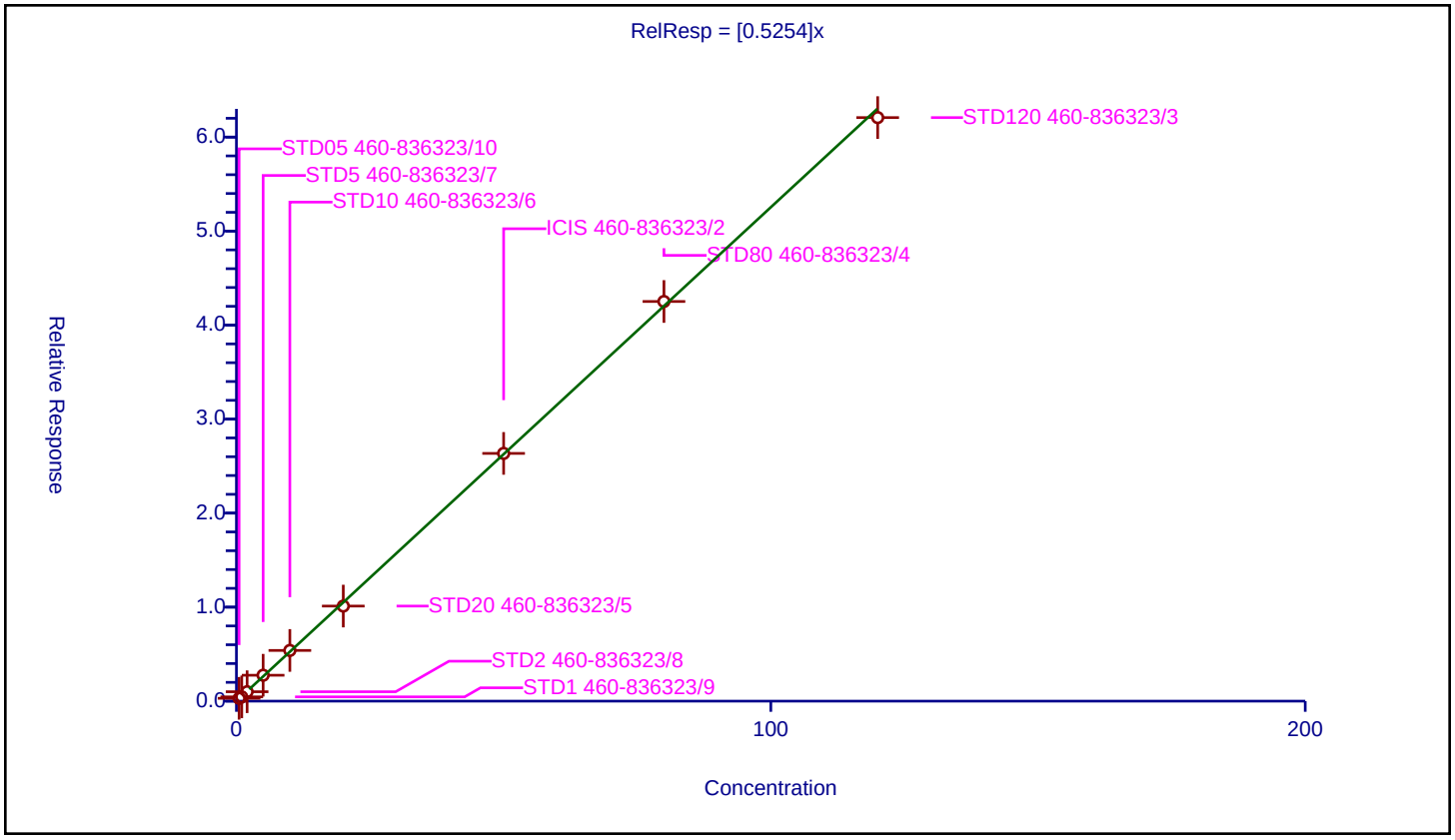
Curve Coefficients

Intercept:	0
Slope:	0.5254

Error Coefficients

Standard Error:	109000
Relative Standard Error:	7.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836323/10	0.5	0.300389	40.0	144346.0	0.600779	Y
2	STD1 460-836323/9	1.0	0.454552	40.0	146166.0	0.454552	Y
3	STD2 460-836323/8	2.0	1.002007	40.0	146985.0	0.501004	Y
4	STD5 460-836323/7	5.0	2.756578	40.0	147168.0	0.551316	Y
5	STD10 460-836323/6	10.0	5.392923	40.0	156672.0	0.539292	Y
6	STD20 460-836323/5	20.0	10.112548	40.0	157088.0	0.505627	Y
7	ICIS 460-836323/2	50.0	26.351964	40.0	150237.0	0.527039	Y
8	STD80 460-836323/4	80.0	42.51332	40.0	156526.0	0.531417	Y
9	STD120 460-836323/3	120.0	62.072161	40.0	151938.0	0.517268	Y



Calibration / N-Nitrosodimethylamine

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

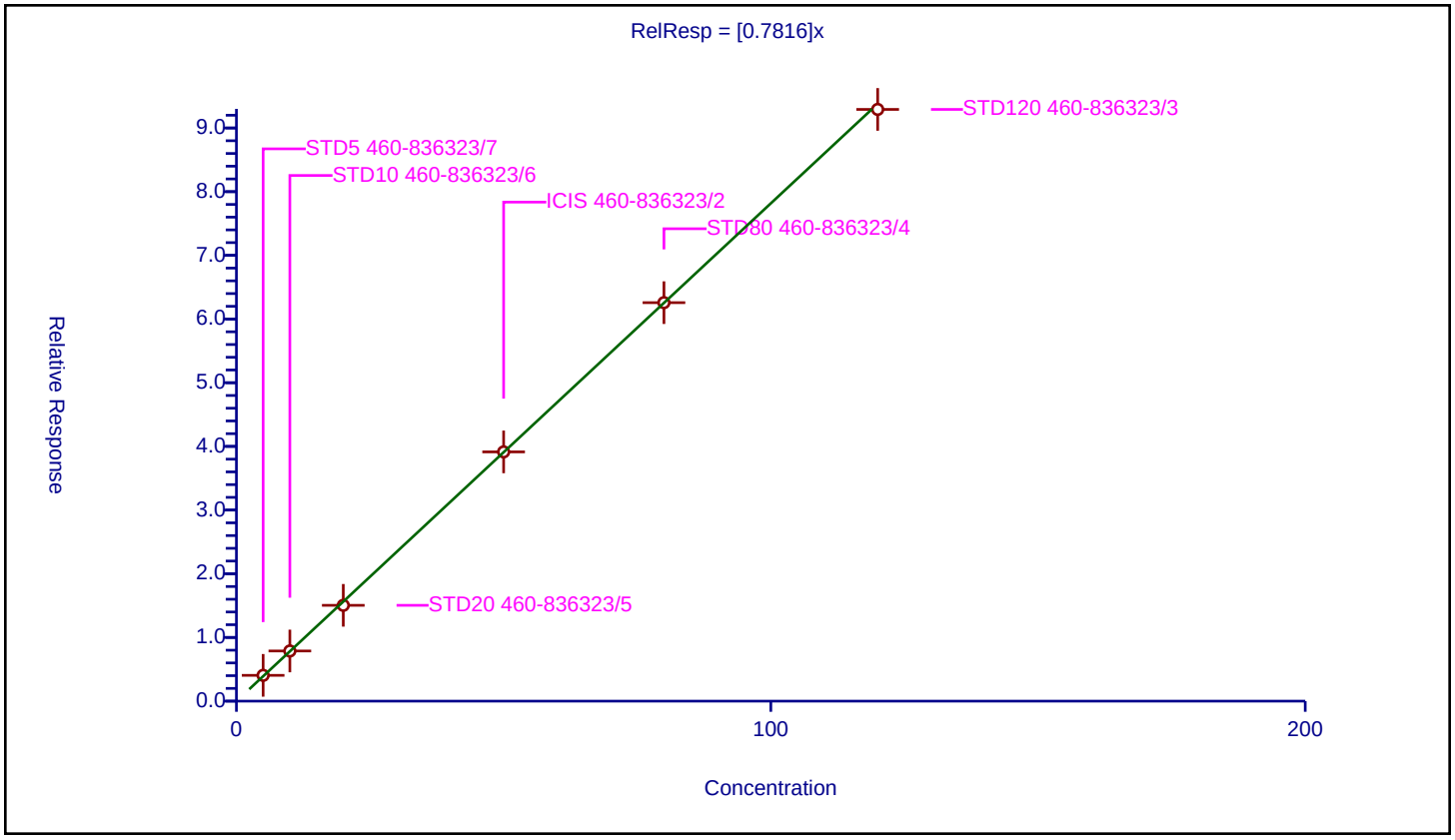
Curve Coefficients

Intercept:	0
Slope:	0.7816

Error Coefficients

Standard Error:	205000
Relative Standard Error:	2.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	4.051968	40.0	147168.0	0.810394	Y
2	STD10 460-836323/6	10.0	7.878625	40.0	156672.0	0.787863	Y
3	STD20 460-836323/5	20.0	15.047617	40.0	157088.0	0.752381	Y
4	ICIS 460-836323/2	50.0	39.138162	40.0	150237.0	0.782763	Y
5	STD80 460-836323/4	80.0	62.573374	40.0	156526.0	0.782167	Y
6	STD120 460-836323/3	120.0	92.915531	40.0	151938.0	0.774296	Y



Calibration / Pyridine

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

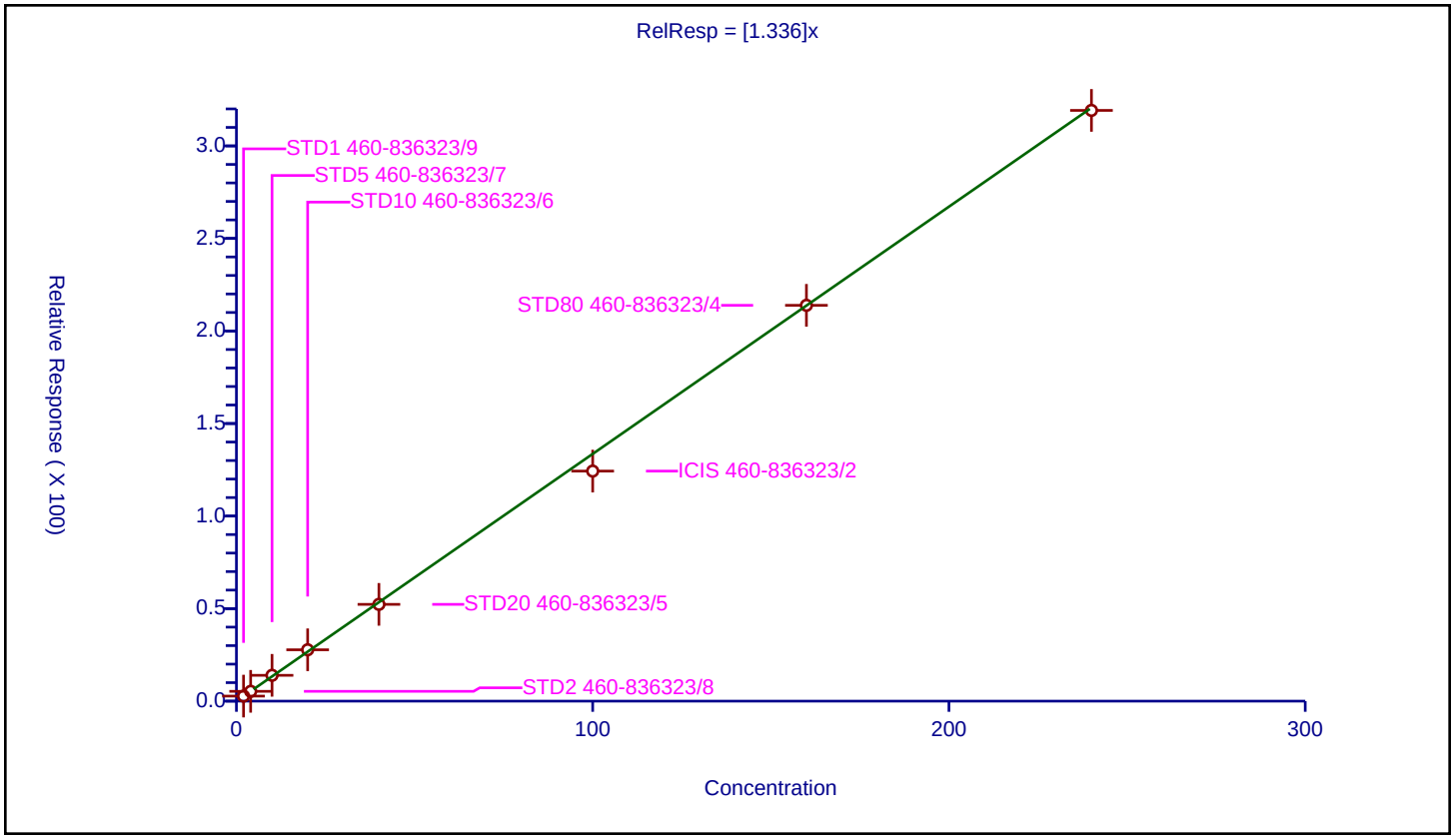
Curve Coefficients

Intercept:	0
Slope:	1.336

Error Coefficients

Standard Error:	591000
Relative Standard Error:	3.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-836323/9	2.0	2.723752	40.0	146166.0	1.361876	Y
2	STD2 460-836323/8	4.0	5.299588	40.0	146985.0	1.324897	Y
3	STD5 460-836323/7	10.0	13.951674	40.0	147168.0	1.395167	Y
4	STD10 460-836323/6	20.0	27.757098	40.0	156672.0	1.387855	Y
5	STD20 460-836323/5	40.0	52.286871	40.0	157088.0	1.307172	Y
6	ICIS 460-836323/2	100.0	124.300938	40.0	150237.0	1.243009	Y
7	STD80 460-836323/4	160.0	213.863	40.0	156526.0	1.336644	Y
8	STD120 460-836323/3	240.0	319.17361	40.0	151938.0	1.32989	Y



Calibration / 2-Fluorophenol

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

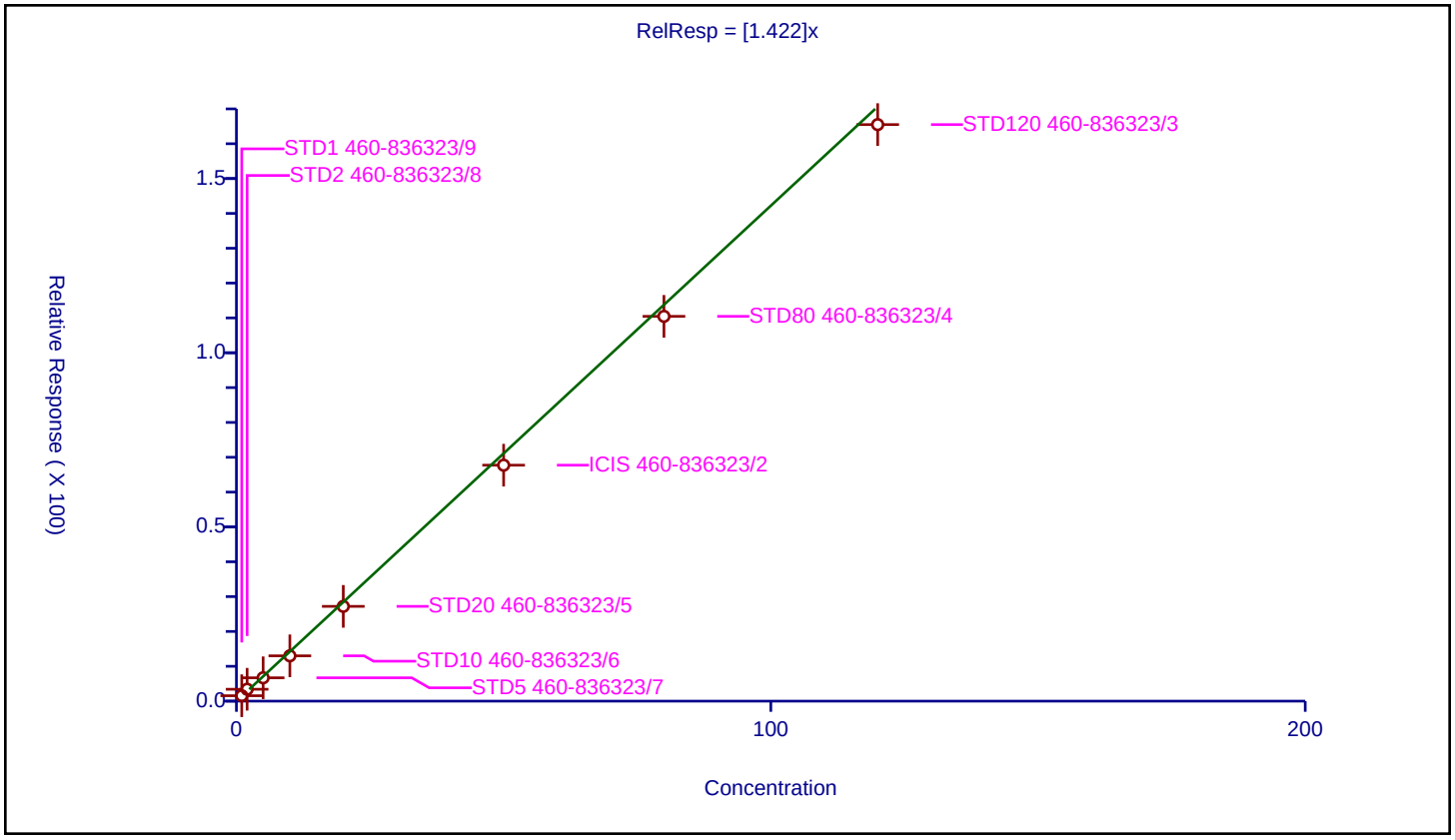
Curve Coefficients

Intercept:	0
Slope:	1.422

Error Coefficients

Standard Error:	307000
Relative Standard Error:	9.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-836323/9	1.0	1.554944	40.0	146166.0	1.554944	Y
2	STD2 460-836323/8	2.0	3.412865	40.0	146985.0	1.706433	Y
3	STD5 460-836323/7	5.0	6.698195	40.0	147168.0	1.339639	Y
4	STD10 460-836323/6	10.0	13.011387	40.0	156672.0	1.301139	Y
5	STD20 460-836323/5	20.0	27.201569	40.0	157088.0	1.360078	Y
6	ICIS 460-836323/2	50.0	67.731651	40.0	150237.0	1.354633	Y
7	STD80 460-836323/4	80.0	110.448871	40.0	156526.0	1.380611	Y
8	STD120 460-836323/3	120.0	165.486185	40.0	151938.0	1.379052	Y



Calibration / Benzaldehyde

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

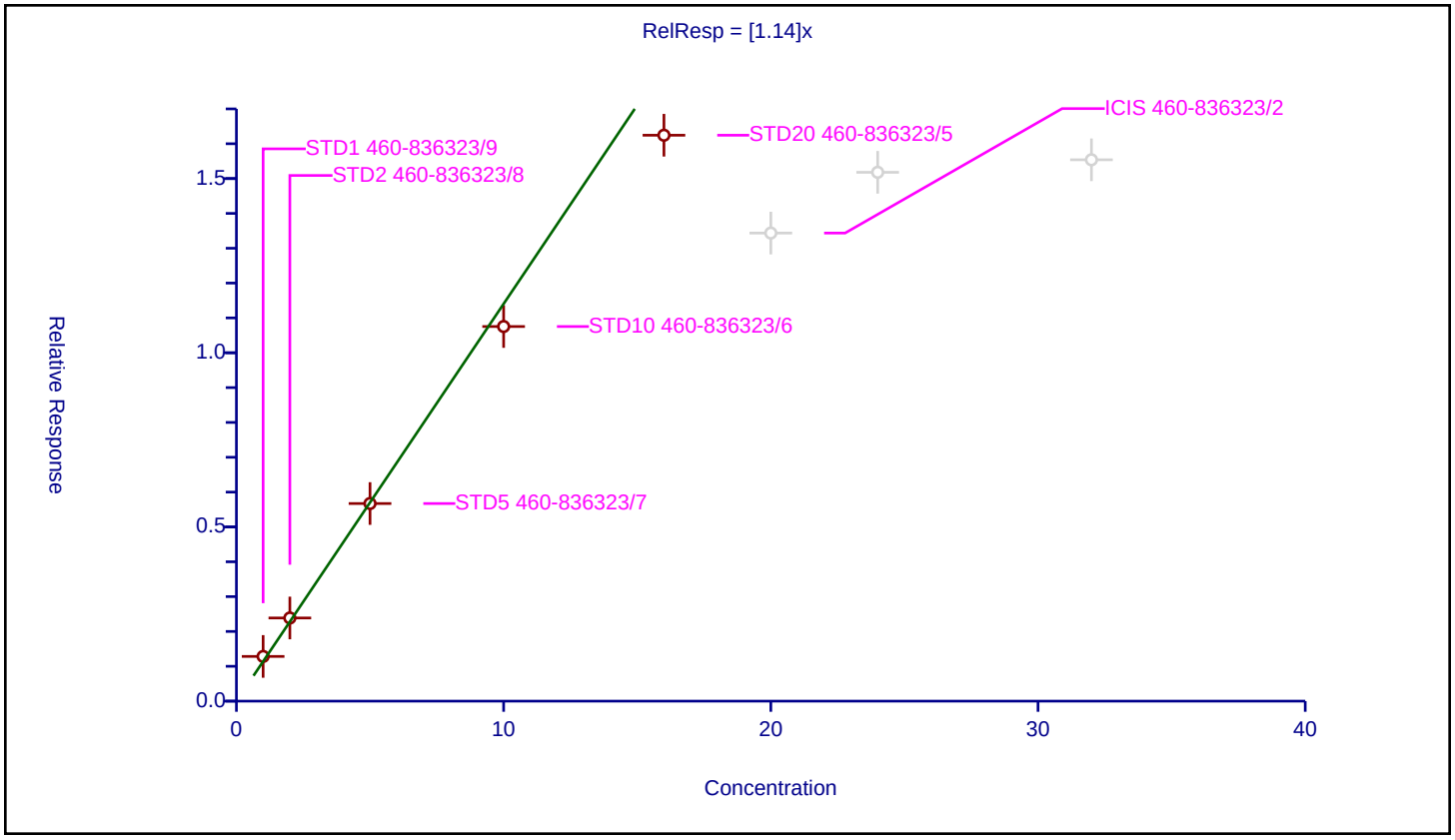
Curve Coefficients

Intercept:	0
Slope:	1.14

Error Coefficients

Standard Error:	39900
Relative Standard Error:	9.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-836323/9	1.0	1.283199	40.0	146166.0	1.283199	Y
2	STD2 460-836323/8	2.0	2.387182	40.0	146985.0	1.193591	Y
3	STD5 460-836323/7	5.0	5.672429	40.0	147168.0	1.134486	Y
4	STD10 460-836323/6	10.0	10.753166	40.0	156672.0	1.075317	Y
5	STD20 460-836323/5	16.0	16.243634	40.0	157088.0	1.015227	Y
6	ICIS 460-836323/2	20.0	13.435838	40.0	150237.0	0.671792	N
7	STD80 460-836323/4	24.0	15.179331	40.0	156526.0	0.632472	N
8	STD120 460-836323/3	32.0	15.53897	40.0	151938.0	0.485593	N



Calibration / Phenol-d5

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

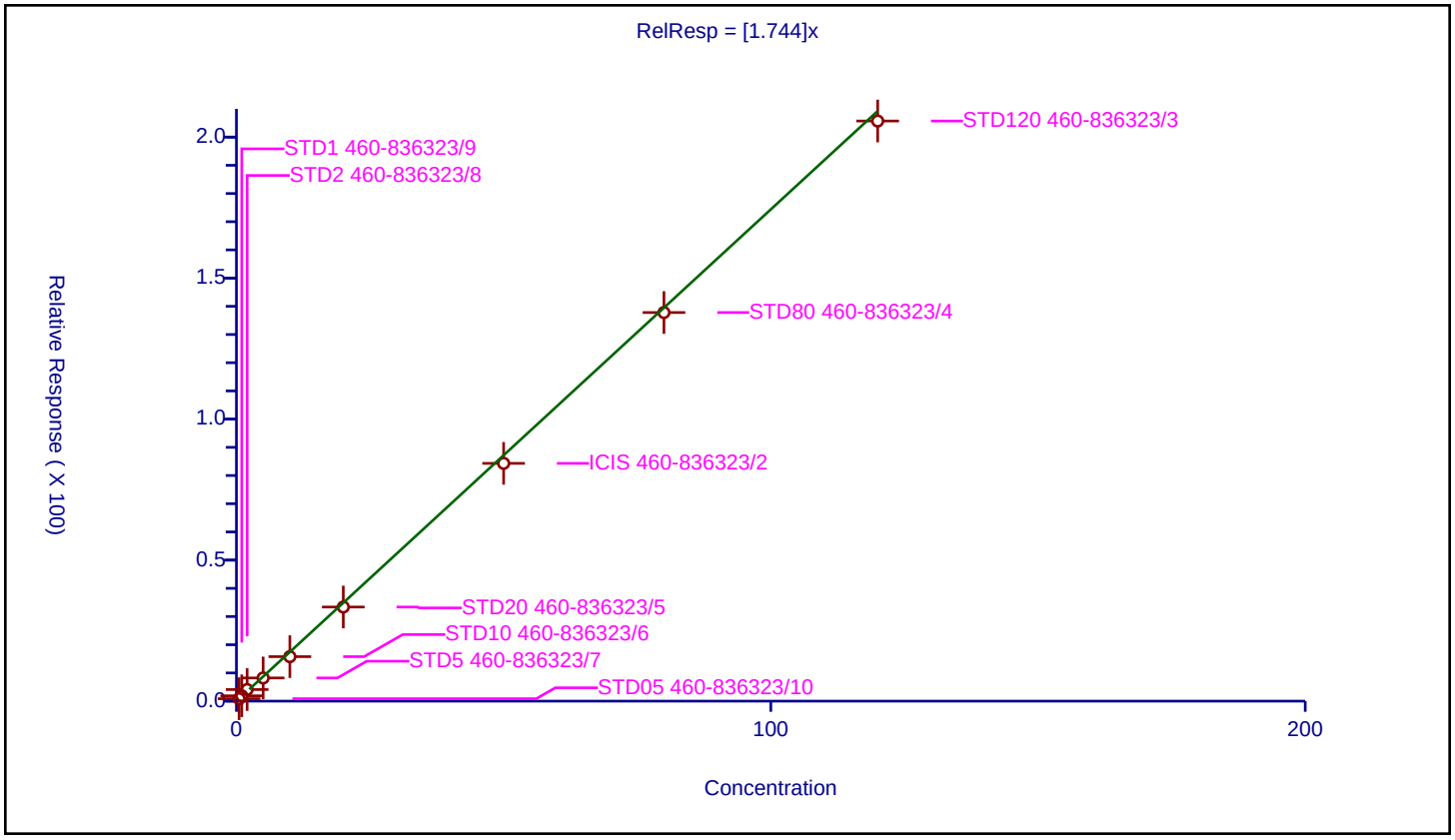
Curve Coefficients

Intercept:	0
Slope:	1.744

Error Coefficients

Standard Error:	358000
Relative Standard Error:	8.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836323/10	0.5	0.864589	40.0	144346.0	1.729179	Y
2	STD1 460-836323/9	1.0	1.8962	40.0	146166.0	1.8962	Y
3	STD2 460-836323/8	2.0	4.109263	40.0	146985.0	2.054631	Y
4	STD5 460-836323/7	5.0	8.219178	40.0	147168.0	1.643836	Y
5	STD10 460-836323/6	10.0	15.774867	40.0	156672.0	1.577487	Y
6	STD20 460-836323/5	20.0	33.372123	40.0	157088.0	1.668606	Y
7	ICIS 460-836323/2	50.0	84.314516	40.0	150237.0	1.68629	Y
8	STD80 460-836323/4	80.0	137.791549	40.0	156526.0	1.722394	Y
9	STD120 460-836323/3	120.0	205.706012	40.0	151938.0	1.714217	Y



Calibration / Phenol

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

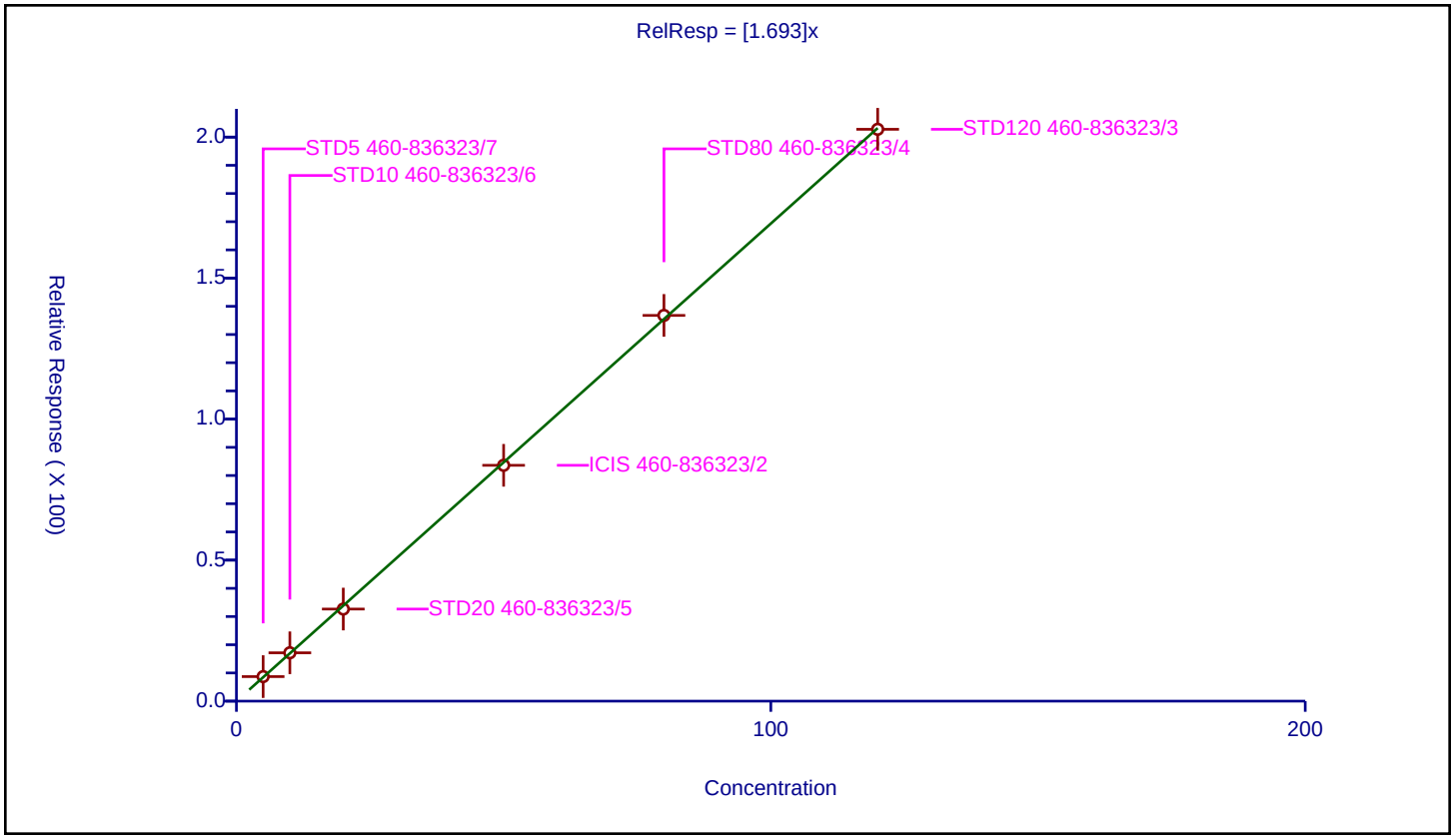
Curve Coefficients

Intercept:	0
Slope:	1.693

Error Coefficients

Standard Error:	447000
Relative Standard Error:	2.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	8.702707	40.0	147168.0	1.740541	Y
2	STD10 460-836323/6	10.0	17.148182	40.0	156672.0	1.714818	Y
3	STD20 460-836323/5	20.0	32.654563	40.0	157088.0	1.632728	Y
4	ICIS 460-836323/2	50.0	83.617484	40.0	150237.0	1.67235	Y
5	STD80 460-836323/4	80.0	136.775743	40.0	156526.0	1.709697	Y
6	STD120 460-836323/3	120.0	202.768234	40.0	151938.0	1.689735	Y



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

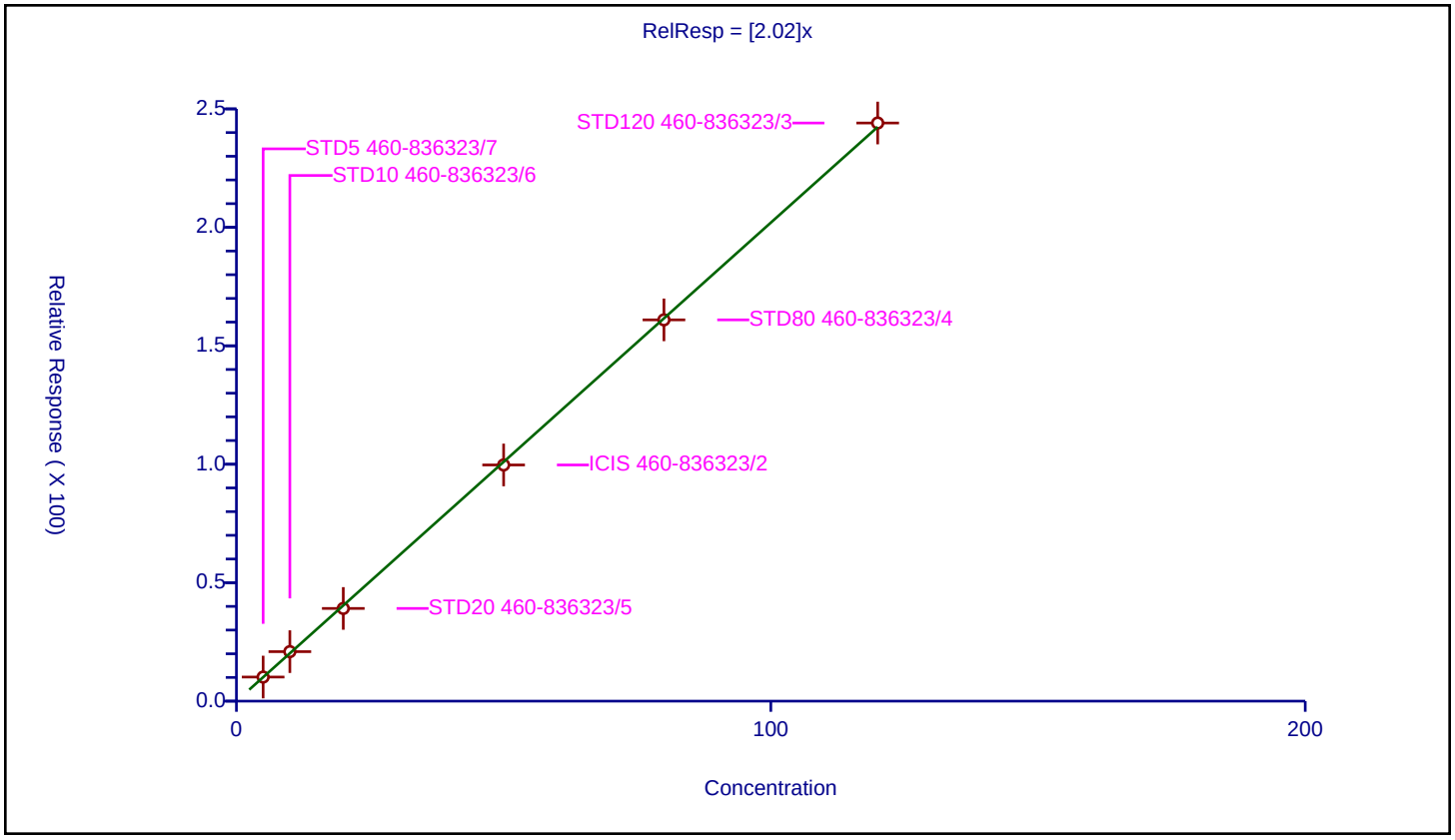
Curve Coefficients

Intercept:	0
Slope:	2.02

Error Coefficients

Standard Error:	534000
Relative Standard Error:	2.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	10.166069	40.0	147168.0	2.033214	Y
2	STD10 460-836323/6	10.0	20.89614	40.0	156672.0	2.089614	Y
3	STD20 460-836323/5	20.0	39.12584	40.0	157088.0	1.956292	Y
4	ICIS 460-836323/2	50.0	99.69821	40.0	150237.0	1.993964	Y
5	STD80 460-836323/4	80.0	160.94783	40.0	156526.0	2.011848	Y
6	STD120 460-836323/3	120.0	244.038226	40.0	151938.0	2.033652	Y



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

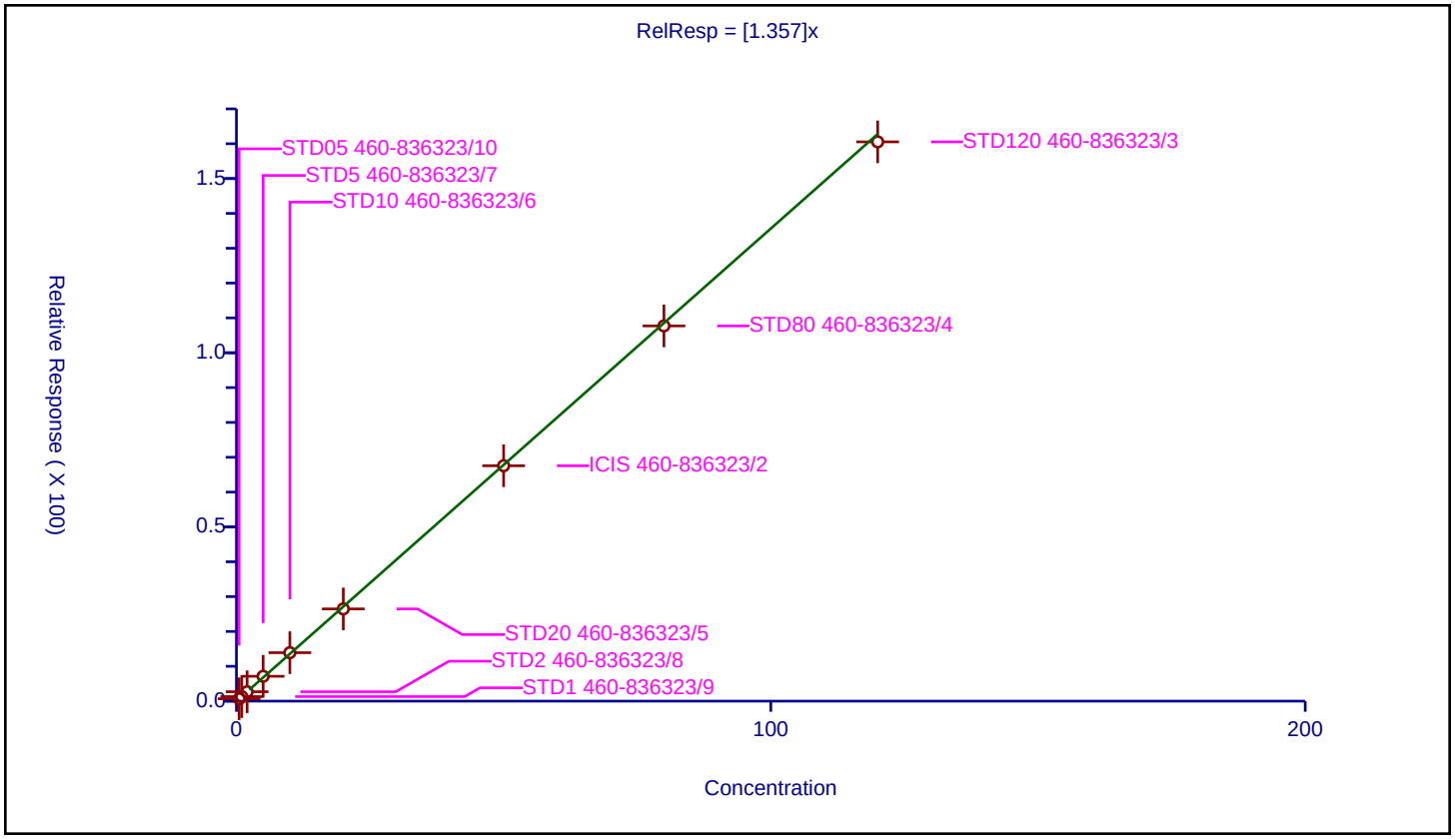
Curve Coefficients

Intercept:	0
Slope:	1.357

Error Coefficients

Standard Error:	280000
Relative Standard Error:	2.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836323/10	0.5	0.686406	40.0	144346.0	1.372813	Y
2	STD1 460-836323/9	1.0	1.30646	40.0	146166.0	1.30646	Y
3	STD2 460-836323/8	2.0	2.704494	40.0	146985.0	1.352247	Y
4	STD5 460-836323/7	5.0	7.137421	40.0	147168.0	1.427484	Y
5	STD10 460-836323/6	10.0	13.908292	40.0	156672.0	1.390829	Y
6	STD20 460-836323/5	20.0	26.47255	40.0	157088.0	1.323628	Y
7	ICIS 460-836323/2	50.0	67.560454	40.0	150237.0	1.351209	Y
8	STD80 460-836323/4	80.0	107.707857	40.0	156526.0	1.346348	Y
9	STD120 460-836323/3	120.0	160.536798	40.0	151938.0	1.337807	Y



Calibration / 2-Chlorophenol

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

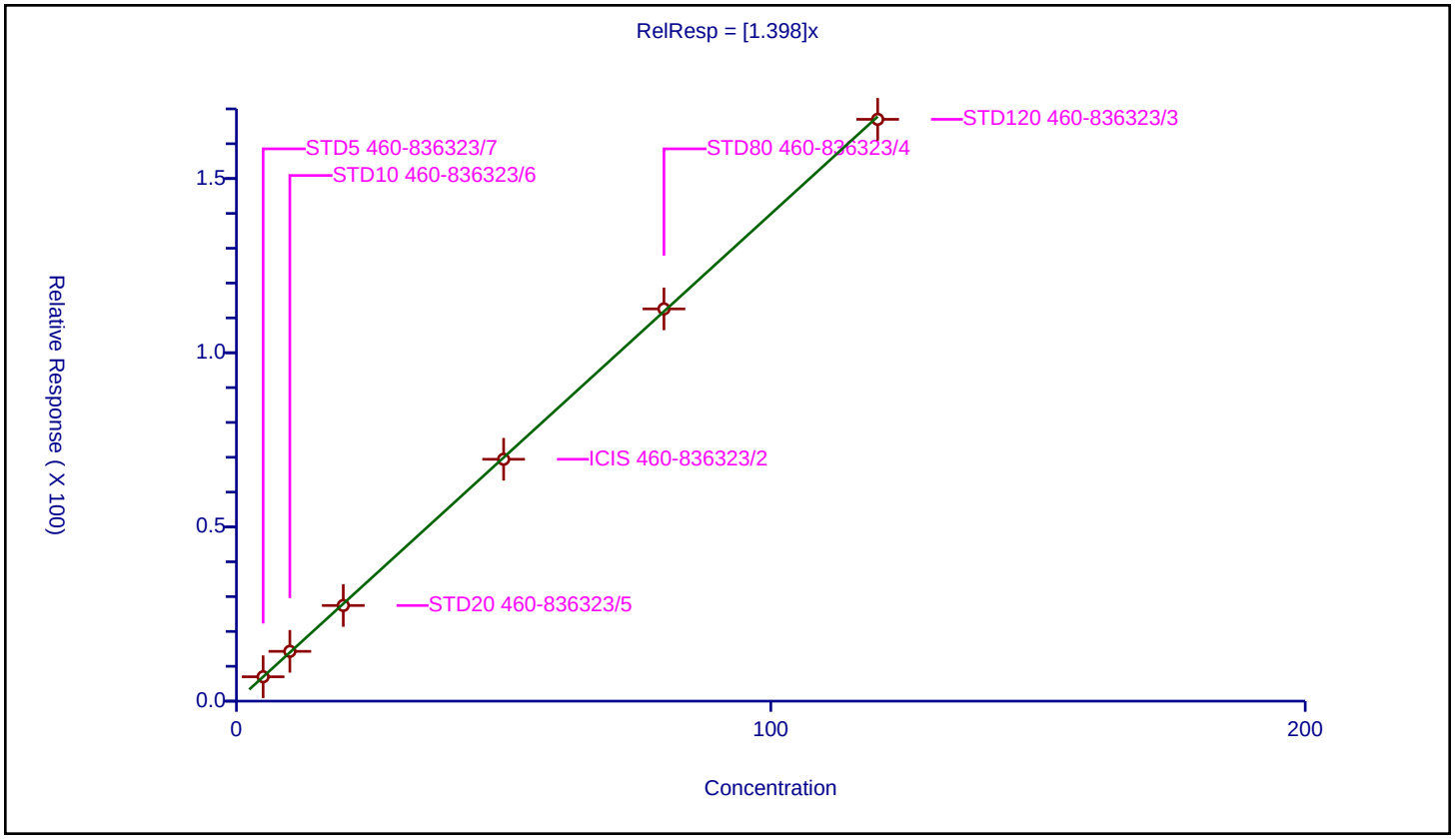
Curve Coefficients

Intercept:	0
Slope:	1.398

Error Coefficients

Standard Error:	369000
Relative Standard Error:	1.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	7.000707	40.0	147168.0	1.400141	Y
2	STD10 460-836323/6	10.0	14.291513	40.0	156672.0	1.429151	Y
3	STD20 460-836323/5	20.0	27.455694	40.0	157088.0	1.372785	Y
4	ICIS 460-836323/2	50.0	69.425774	40.0	150237.0	1.388515	Y
5	STD80 460-836323/4	80.0	112.593946	40.0	156526.0	1.407424	Y
6	STD120 460-836323/3	120.0	167.004436	40.0	151938.0	1.391704	Y



Calibration / n-Decane

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

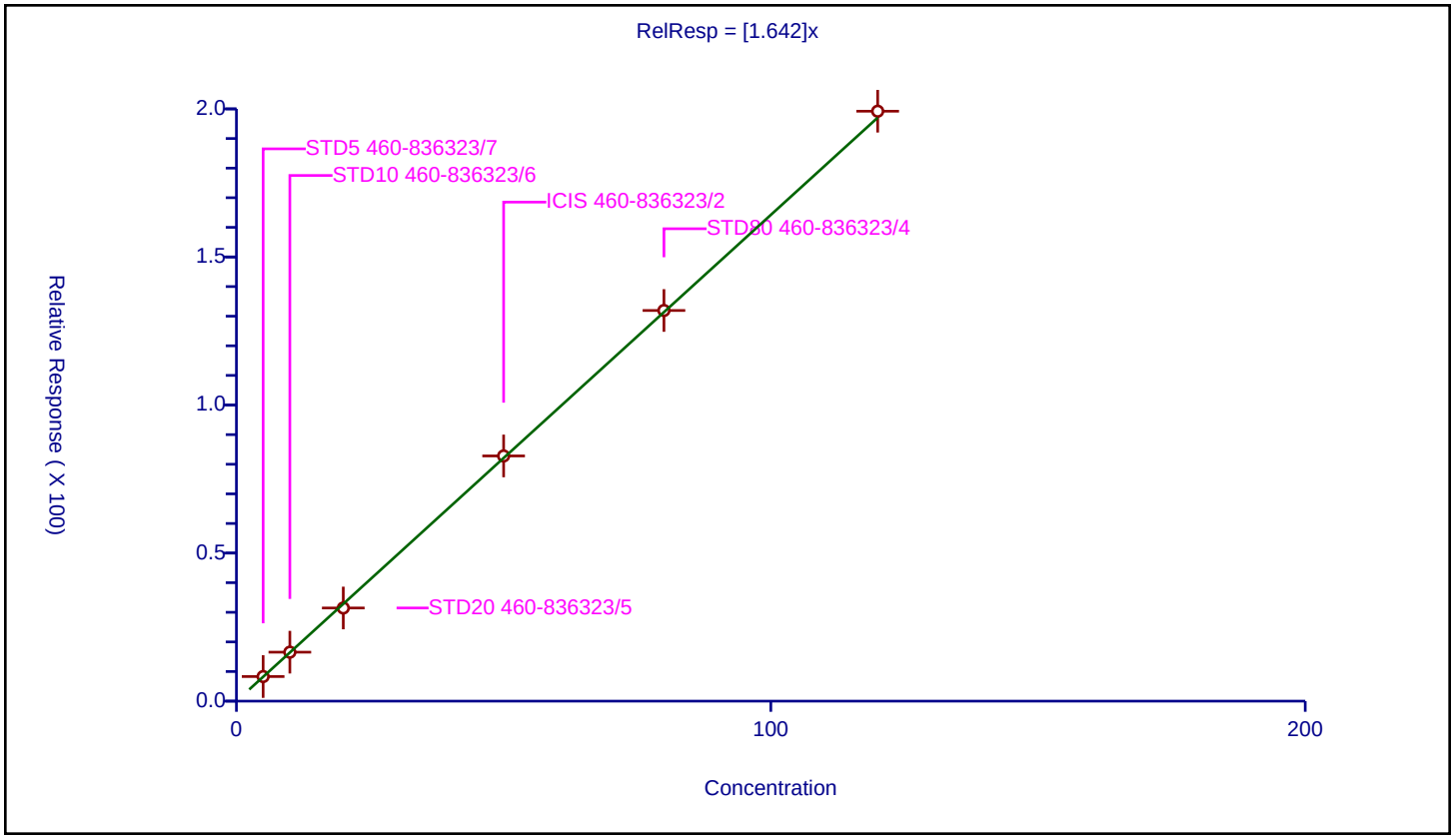
Curve Coefficients

Intercept:	0
Slope:	1.642

Error Coefficients

Standard Error:	437000
Relative Standard Error:	2.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	8.303707	40.0	147168.0	1.660741	Y
2	STD10 460-836323/6	10.0	16.533139	40.0	156672.0	1.653314	Y
3	STD20 460-836323/5	20.0	31.45549	40.0	157088.0	1.572774	Y
4	ICIS 460-836323/2	50.0	82.803304	40.0	150237.0	1.656066	Y
5	STD80 460-836323/4	80.0	131.923131	40.0	156526.0	1.649039	Y
6	STD120 460-836323/3	120.0	199.215733	40.0	151938.0	1.660131	Y



Calibration / 1,3-Dichlorobenzene

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

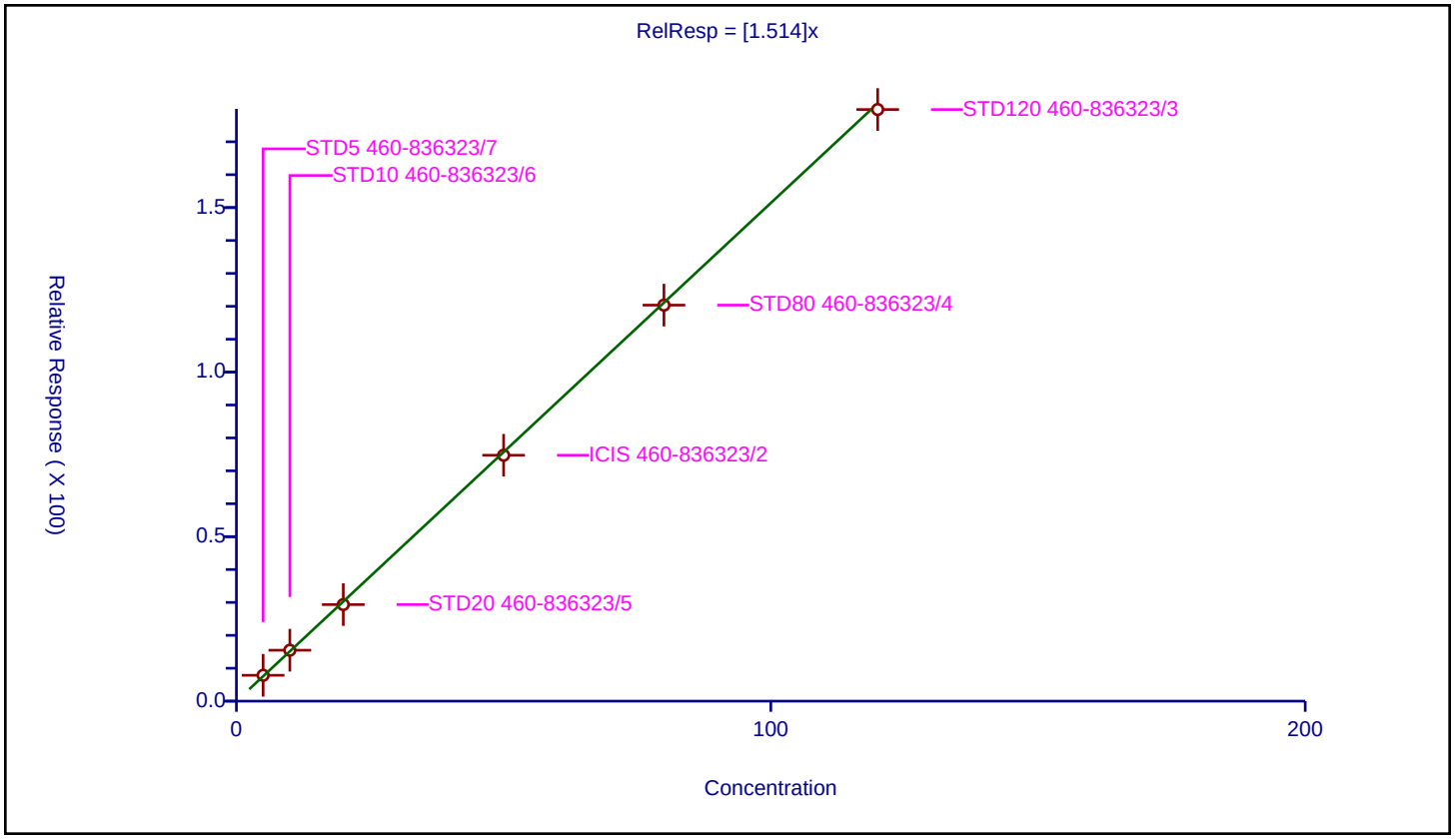
Curve Coefficients

Intercept:	0
Slope:	1.514

Error Coefficients

Standard Error:	396000
Relative Standard Error:	2.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	7.854968	40.0	147168.0	1.570994	Y
2	STD10 460-836323/6	10.0	15.476665	40.0	156672.0	1.547666	Y
3	STD20 460-836323/5	20.0	29.348391	40.0	157088.0	1.46742	Y
4	ICIS 460-836323/2	50.0	74.737382	40.0	150237.0	1.494748	Y
5	STD80 460-836323/4	80.0	120.353935	40.0	156526.0	1.504424	Y
6	STD120 460-836323/3	120.0	179.806237	40.0	151938.0	1.498385	Y



Calibration / 1,4-Dichlorobenzene

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

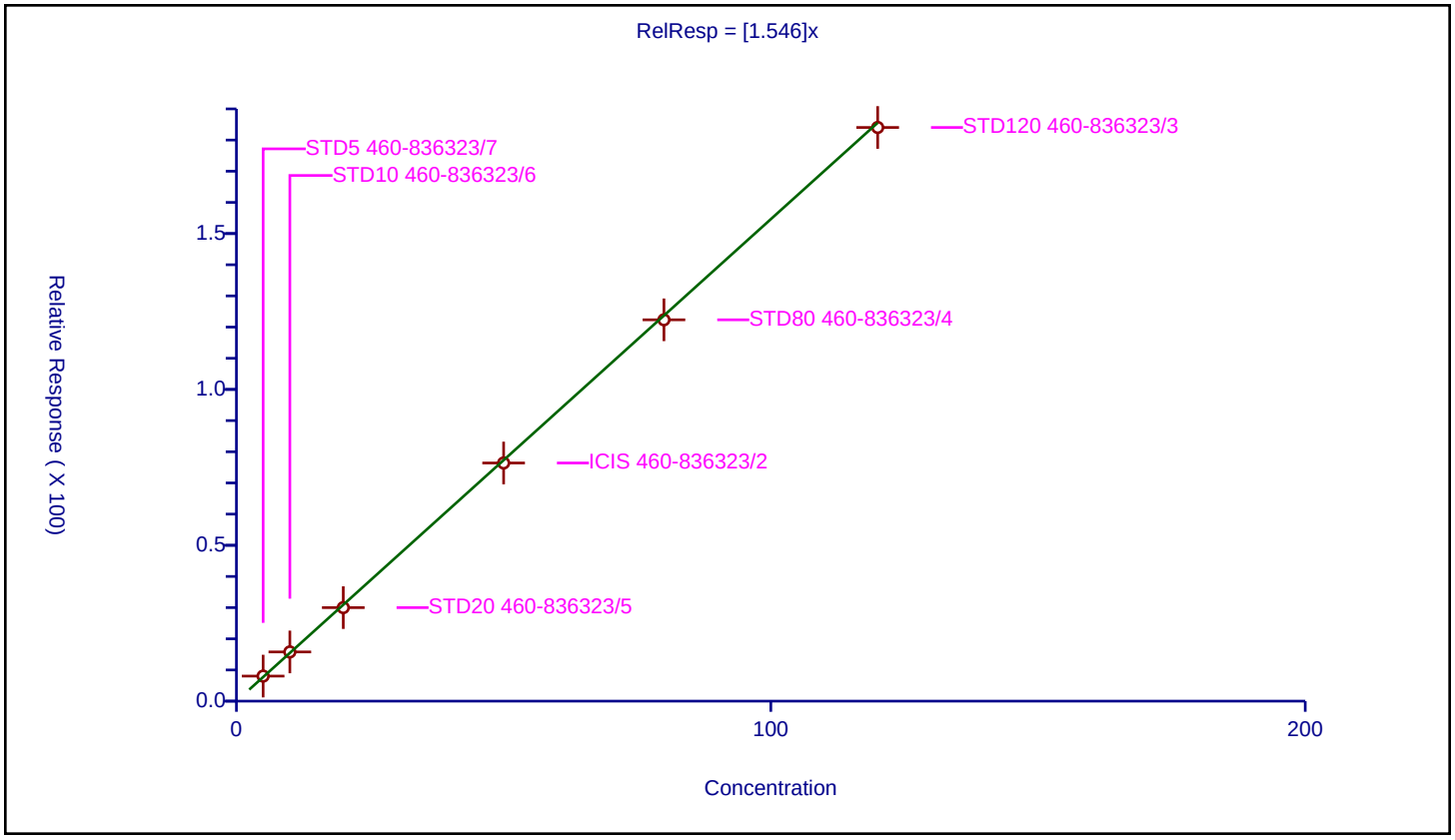
Curve Coefficients

Intercept:	0
Slope:	1.546

Error Coefficients

Standard Error:	405000
Relative Standard Error:	2.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	8.037345	40.0	147168.0	1.607469	Y
2	STD10 460-836323/6	10.0	15.785335	40.0	156672.0	1.578533	Y
3	STD20 460-836323/5	20.0	30.001528	40.0	157088.0	1.500076	Y
4	ICIS 460-836323/2	50.0	76.401952	40.0	150237.0	1.528039	Y
5	STD80 460-836323/4	80.0	122.339803	40.0	156526.0	1.529248	Y
6	STD120 460-836323/3	120.0	184.037436	40.0	151938.0	1.533645	Y



Calibration / Benzyl alcohol

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

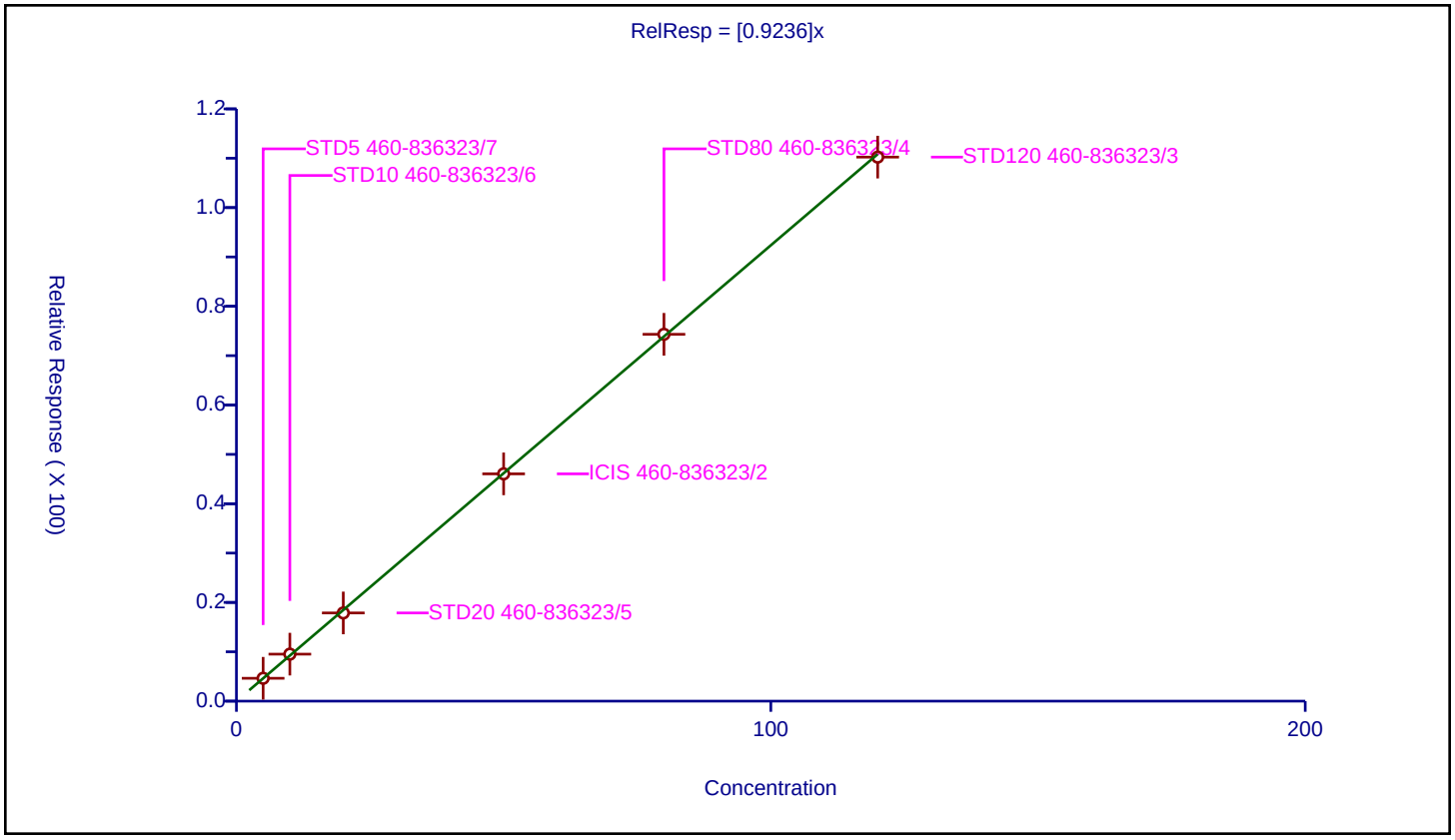
Curve Coefficients

Intercept:	0
Slope:	0.9236

Error Coefficients

Standard Error:	243000
Relative Standard Error:	2.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	4.63416	40.0	147168.0	0.926832	Y
2	STD10 460-836323/6	10.0	9.52308	40.0	156672.0	0.952308	Y
3	STD20 460-836323/5	20.0	17.871512	40.0	157088.0	0.893576	Y
4	ICIS 460-836323/2	50.0	46.051505	40.0	150237.0	0.92103	Y
5	STD80 460-836323/4	80.0	74.327077	40.0	156526.0	0.929088	Y
6	STD120 460-836323/3	120.0	110.231542	40.0	151938.0	0.918596	Y



Calibration / 1,2-Dichlorobenzene

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

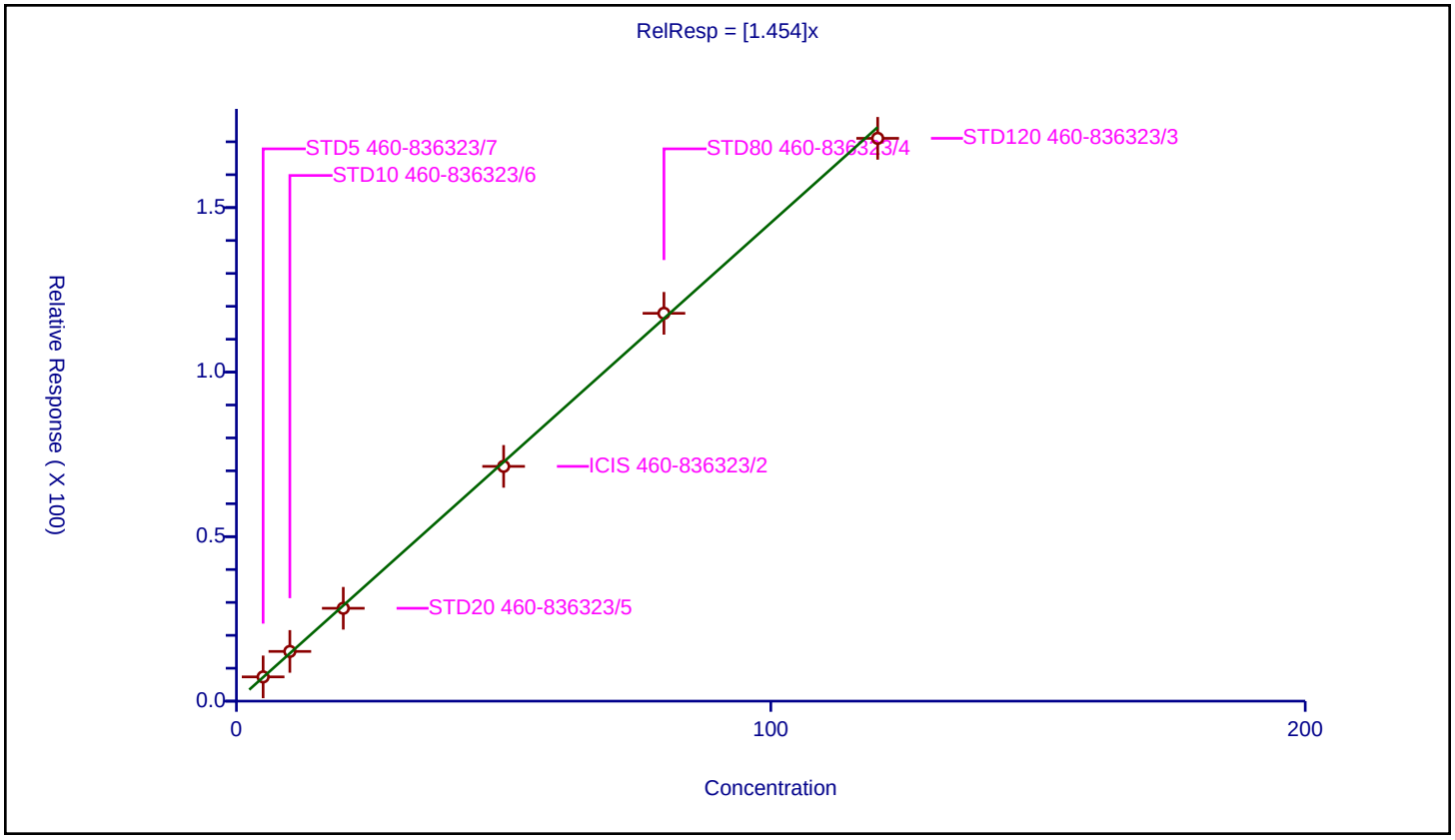
Curve Coefficients

Intercept:	0
Slope:	1.454

Error Coefficients

Standard Error:	380000
Relative Standard Error:	2.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	7.368178	40.0	147168.0	1.473636	Y
2	STD10 460-836323/6	10.0	15.111826	40.0	156672.0	1.511183	Y
3	STD20 460-836323/5	20.0	28.225199	40.0	157088.0	1.41126	Y
4	ICIS 460-836323/2	50.0	71.353927	40.0	150237.0	1.427079	Y
5	STD80 460-836323/4	80.0	117.869491	40.0	156526.0	1.473369	Y
6	STD120 460-836323/3	120.0	171.051613	40.0	151938.0	1.42543	Y



Calibration / 2-Methylphenol

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

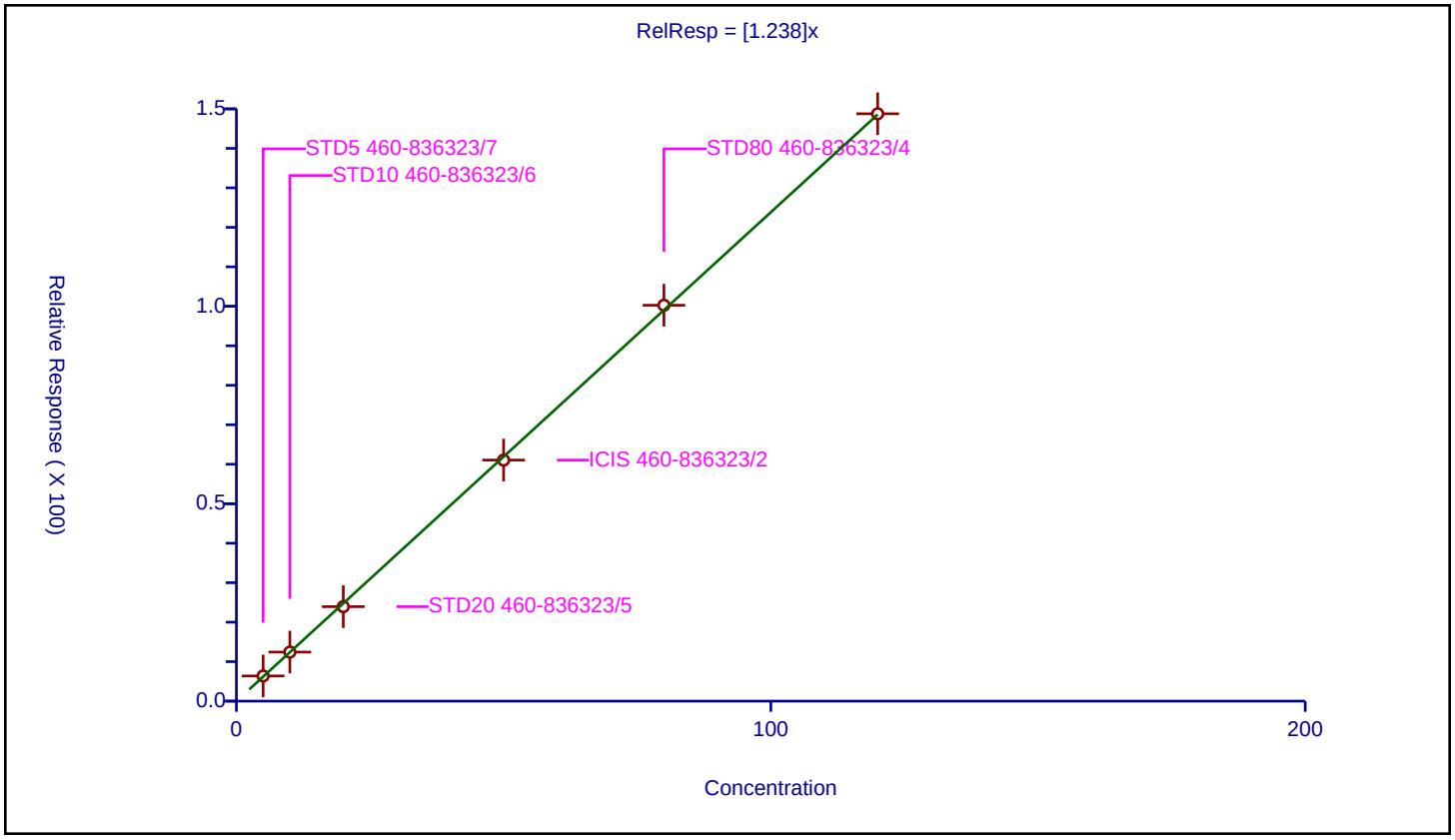
Curve Coefficients

Intercept:	0
Slope:	1.238

Error Coefficients

Standard Error:	328000
Relative Standard Error:	2.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	6.381007	40.0	147168.0	1.276201	Y
2	STD10 460-836323/6	10.0	12.425449	40.0	156672.0	1.242545	Y
3	STD20 460-836323/5	20.0	23.928499	40.0	157088.0	1.196425	Y
4	ICIS 460-836323/2	50.0	61.052337	40.0	150237.0	1.221047	Y
5	STD80 460-836323/4	80.0	100.267815	40.0	156526.0	1.253348	Y
6	STD120 460-836323/3	120.0	148.762522	40.0	151938.0	1.239688	Y



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

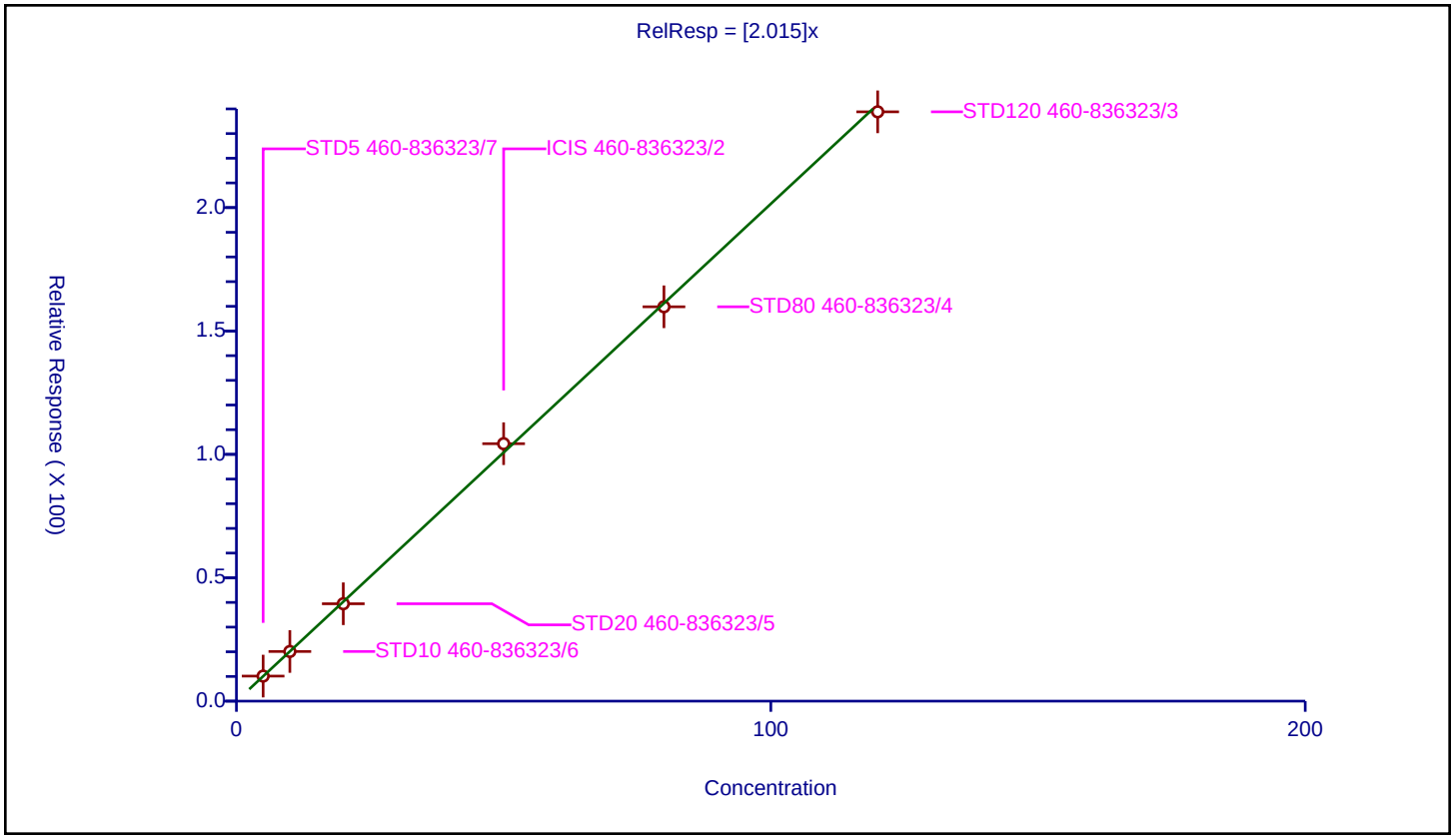
Curve Coefficients

Intercept:	0
Slope:	2.015

Error Coefficients

Standard Error:	529000
Relative Standard Error:	2.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	10.153838	40.0	147168.0	2.030768	Y
2	STD10 460-836323/6	10.0	20.125102	40.0	156672.0	2.01251	Y
3	STD20 460-836323/5	20.0	39.469851	40.0	157088.0	1.973493	Y
4	ICIS 460-836323/2	50.0	104.327429	40.0	150237.0	2.086549	Y
5	STD80 460-836323/4	80.0	159.805783	40.0	156526.0	1.997572	Y
6	STD120 460-836323/3	120.0	238.81399	40.0	151938.0	1.990117	Y



Calibration / N-Methylaniline

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

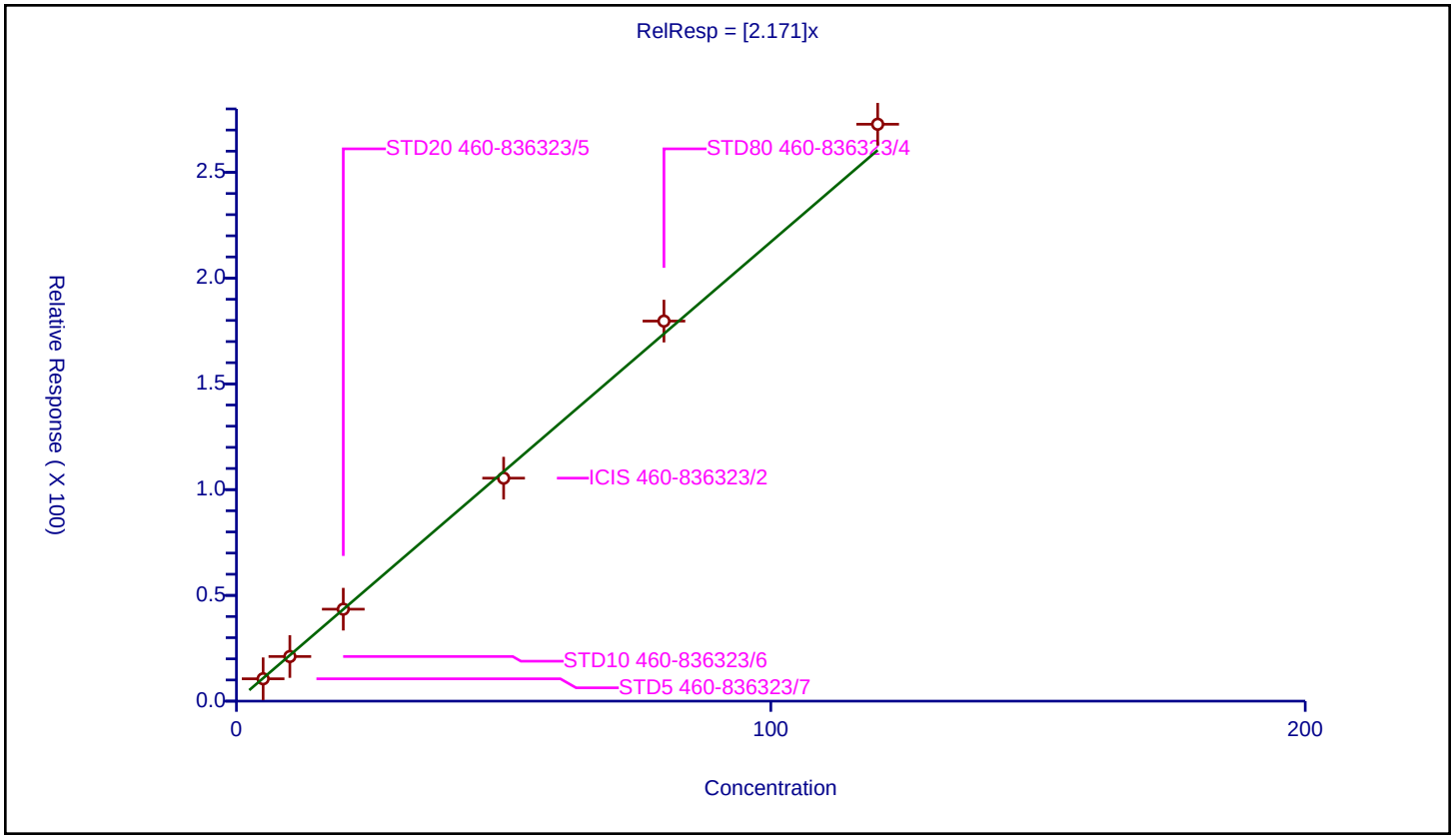
Curve Coefficients

Intercept:	0
Slope:	2.171

Error Coefficients

Standard Error:	593000
Relative Standard Error:	3.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	10.572679	40.0	147168.0	2.114536	Y
2	STD10 460-836323/6	10.0	21.099622	40.0	156672.0	2.109962	Y
3	STD20 460-836323/5	20.0	43.47474	40.0	157088.0	2.173737	Y
4	ICIS 460-836323/2	50.0	105.421434	40.0	150237.0	2.108429	Y
5	STD80 460-836323/4	80.0	179.67392	40.0	156526.0	2.245924	Y
6	STD120 460-836323/3	120.0	272.743093	40.0	151938.0	2.272859	Y



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

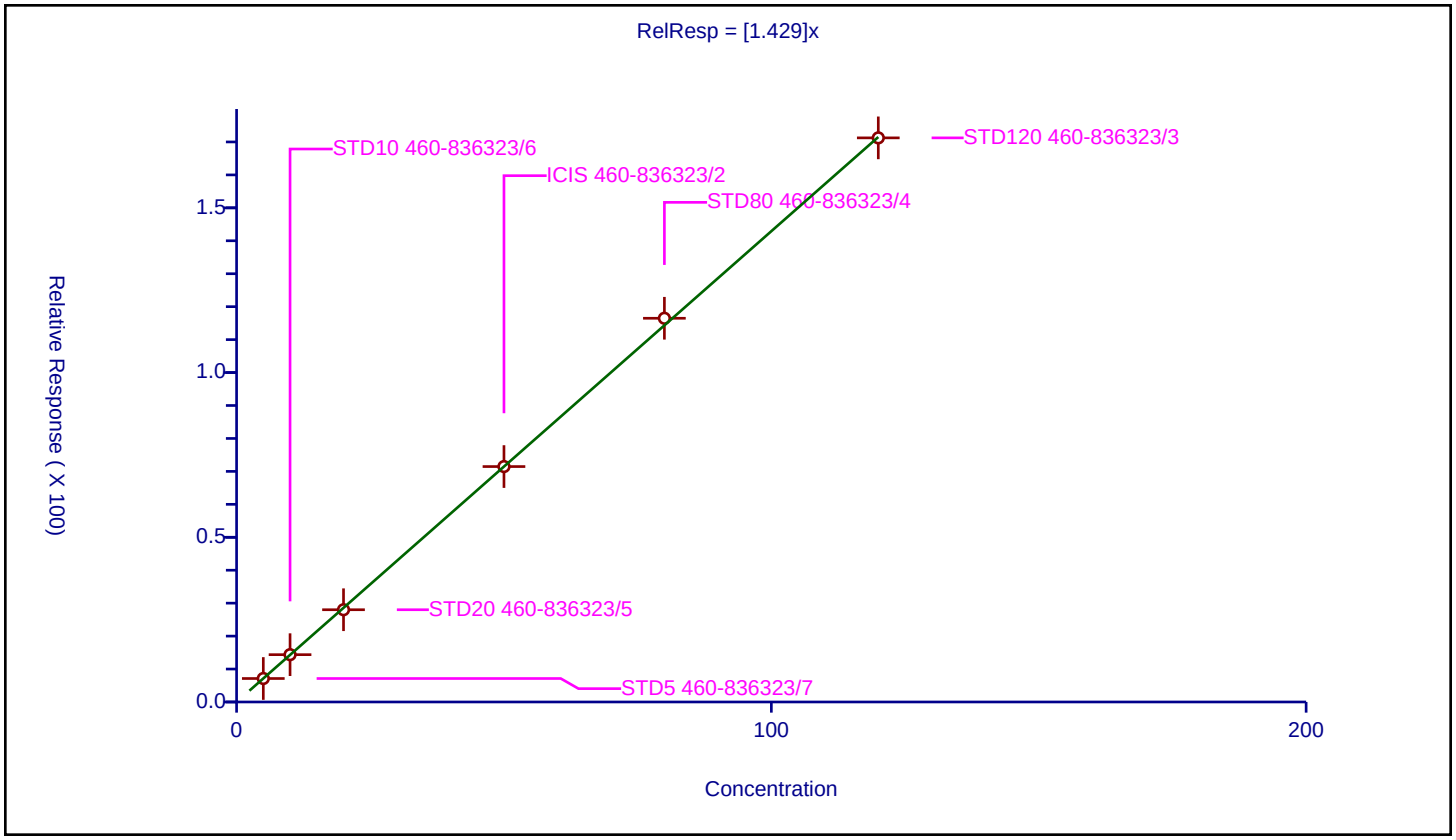
Curve Coefficients

Intercept:	0
Slope:	1.429

Error Coefficients

Standard Error:	379000
Relative Standard Error:	1.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	7.129811	40.0	147168.0	1.425962	Y
2	STD10 460-836323/6	10.0	14.362234	40.0	156672.0	1.436223	Y
3	STD20 460-836323/5	20.0	28.00494	40.0	157088.0	1.400247	Y
4	ICIS 460-836323/2	50.0	71.463088	40.0	150237.0	1.429262	Y
5	STD80 460-836323/4	80.0	116.480074	40.0	156526.0	1.456001	Y
6	STD120 460-836323/3	120.0	171.243534	40.0	151938.0	1.427029	Y



Calibration / 4-Methylphenol

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

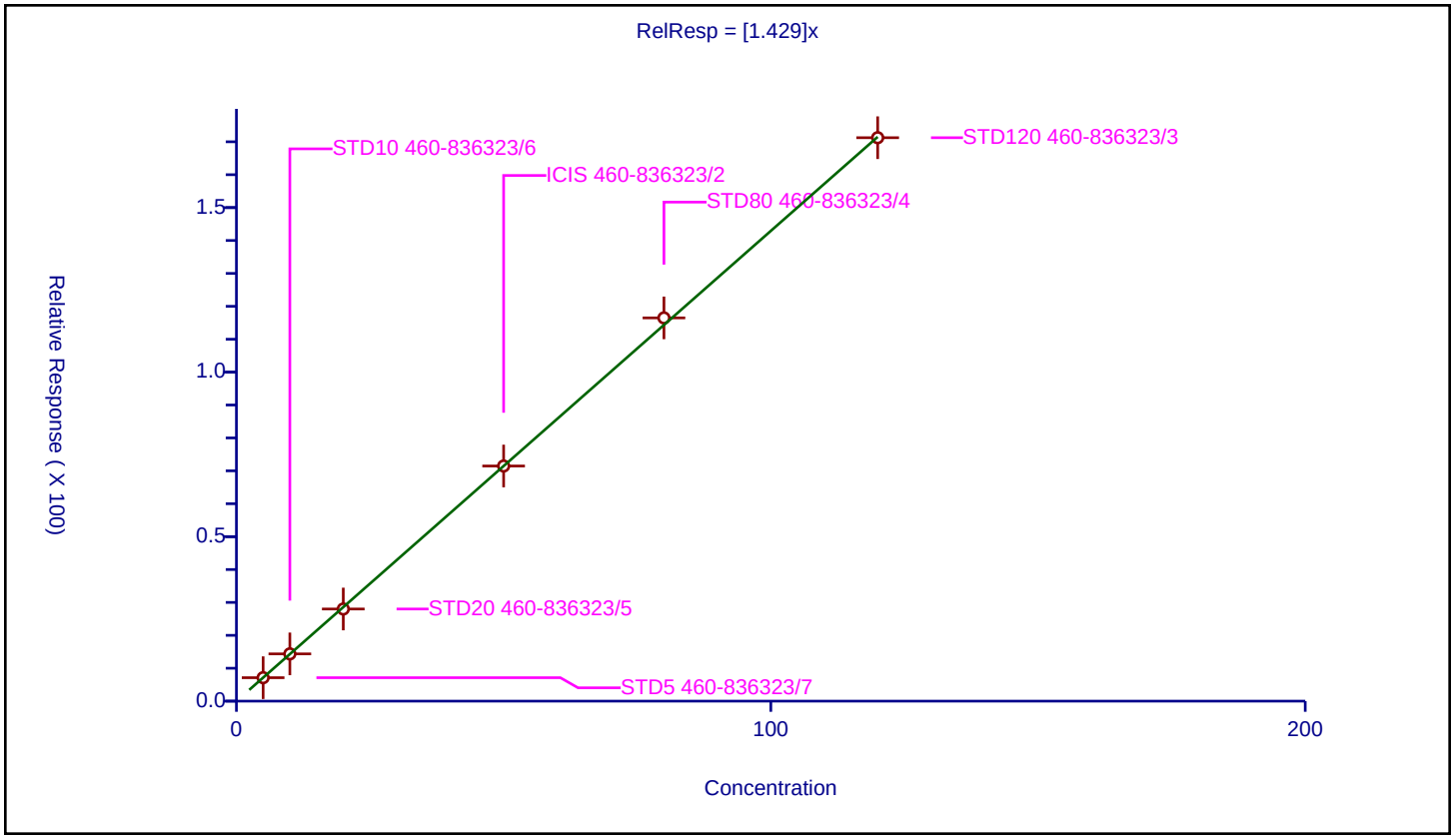
Curve Coefficients

Intercept:	0
Slope:	1.429

Error Coefficients

Standard Error:	379000
Relative Standard Error:	1.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	7.129811	40.0	147168.0	1.425962	Y
2	STD10 460-836323/6	10.0	14.362234	40.0	156672.0	1.436223	Y
3	STD20 460-836323/5	20.0	28.00494	40.0	157088.0	1.400247	Y
4	ICIS 460-836323/2	50.0	71.463088	40.0	150237.0	1.429262	Y
5	STD80 460-836323/4	80.0	116.480074	40.0	156526.0	1.456001	Y
6	STD120 460-836323/3	120.0	171.243534	40.0	151938.0	1.427029	Y



Calibration / Acetophenone

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

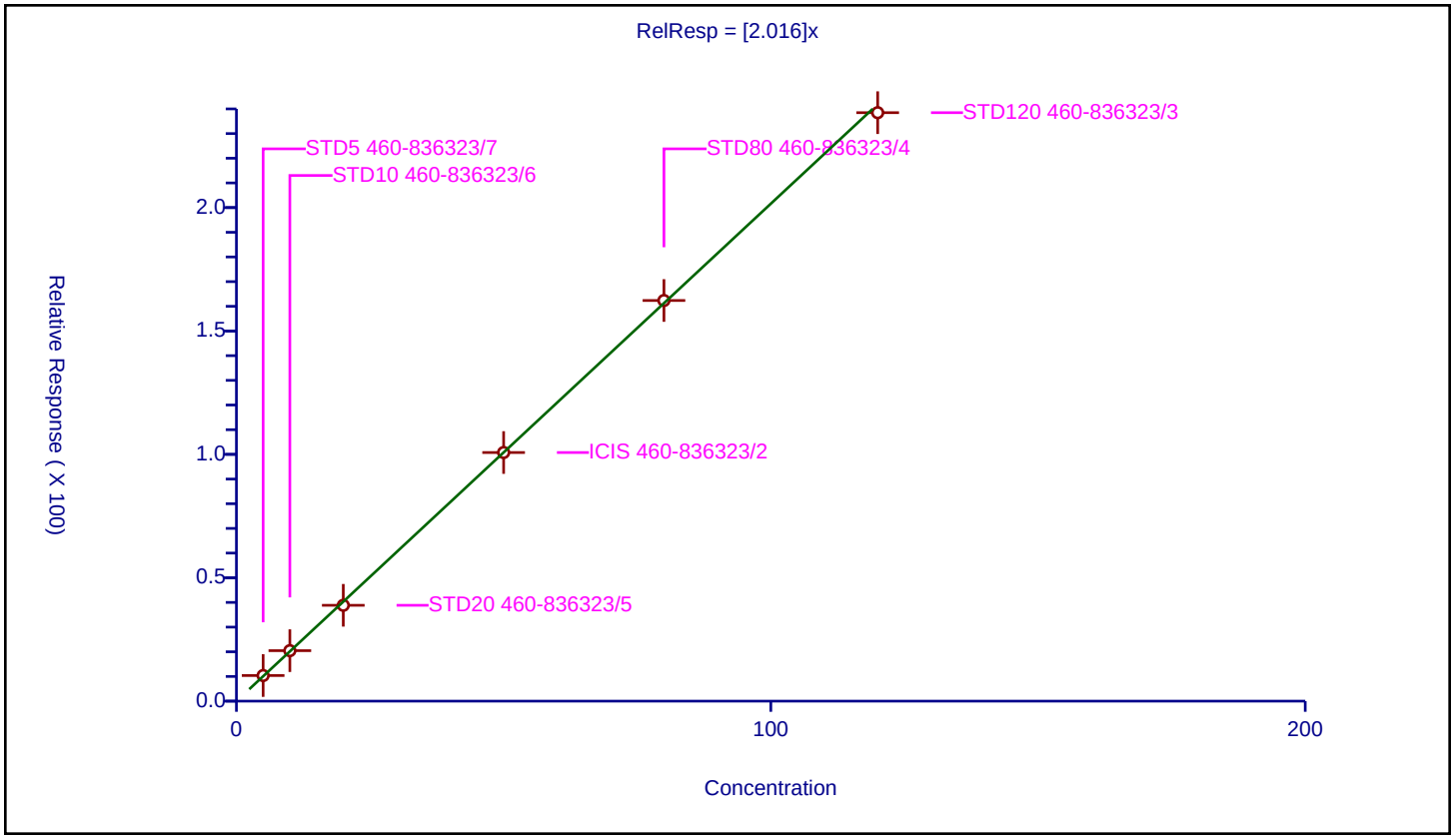
Curve Coefficients

Intercept:	0
Slope:	2.016

Error Coefficients

Standard Error:	529000
Relative Standard Error:	2.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	10.376441	40.0	147168.0	2.075288	Y
2	STD10 460-836323/6	10.0	20.45624	40.0	156672.0	2.045624	Y
3	STD20 460-836323/5	20.0	38.84065	40.0	157088.0	1.942032	Y
4	ICIS 460-836323/2	50.0	100.746421	40.0	150237.0	2.014928	Y
5	STD80 460-836323/4	80.0	162.353603	40.0	156526.0	2.02942	Y
6	STD120 460-836323/3	120.0	238.465953	40.0	151938.0	1.987216	Y



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

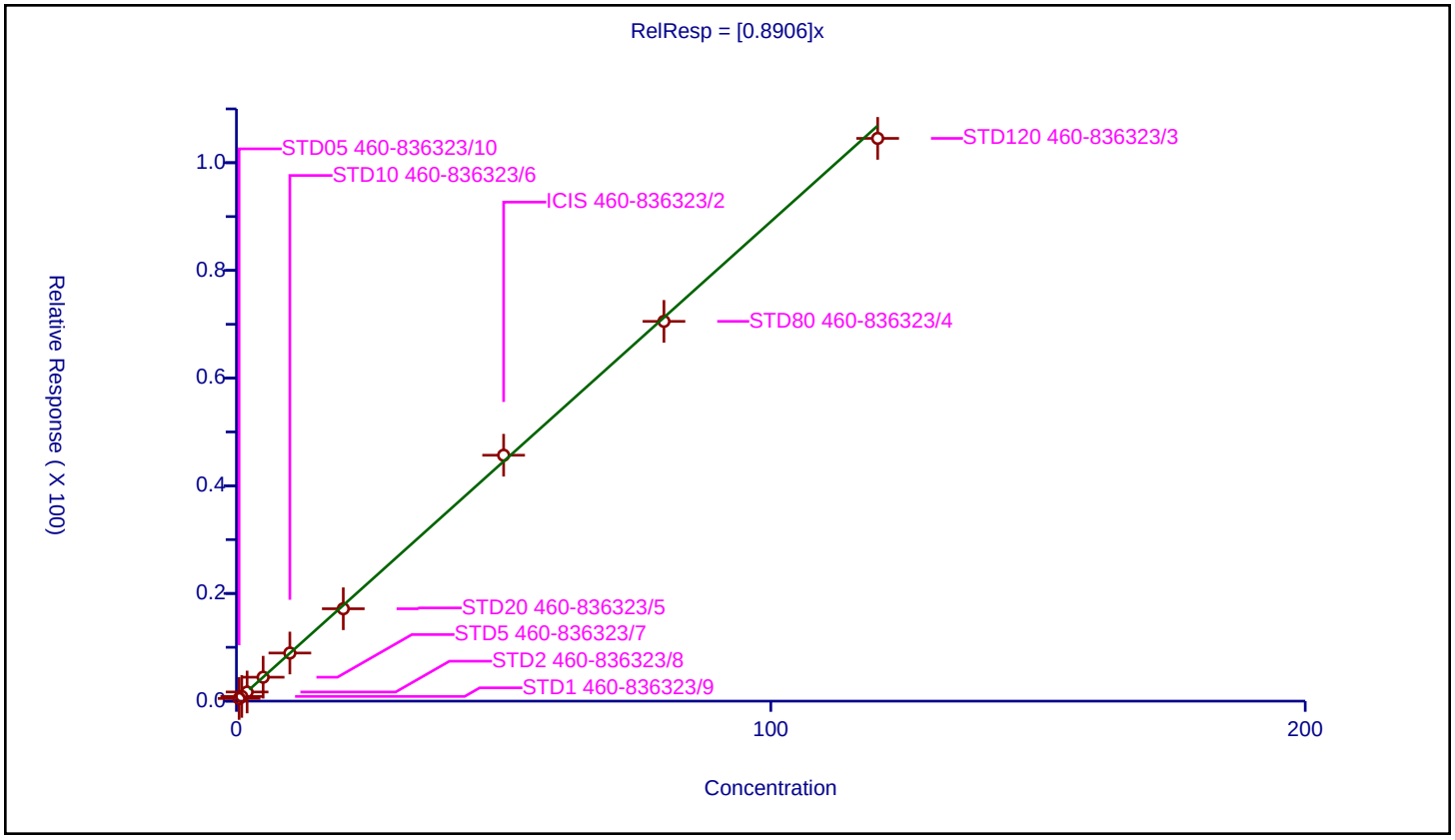
Curve Coefficients

Intercept:	0
Slope:	0.8906

Error Coefficients

Standard Error:	183000
Relative Standard Error:	4.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836323/10	0.5	0.494368	40.0	144346.0	0.988735	Y
2	STD1 460-836323/9	1.0	0.871338	40.0	146166.0	0.871338	Y
3	STD2 460-836323/8	2.0	1.698132	40.0	146985.0	0.849066	Y
4	STD5 460-836323/7	5.0	4.442542	40.0	147168.0	0.888508	Y
5	STD10 460-836323/6	10.0	8.937398	40.0	156672.0	0.89374	Y
6	STD20 460-836323/5	20.0	17.158535	40.0	157088.0	0.857927	Y
7	ICIS 460-836323/2	50.0	45.673968	40.0	150237.0	0.913479	Y
8	STD80 460-836323/4	80.0	70.535758	40.0	156526.0	0.881697	Y
9	STD120 460-836323/3	120.0	104.522897	40.0	151938.0	0.871024	Y



Calibration / Hexachloroethane

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

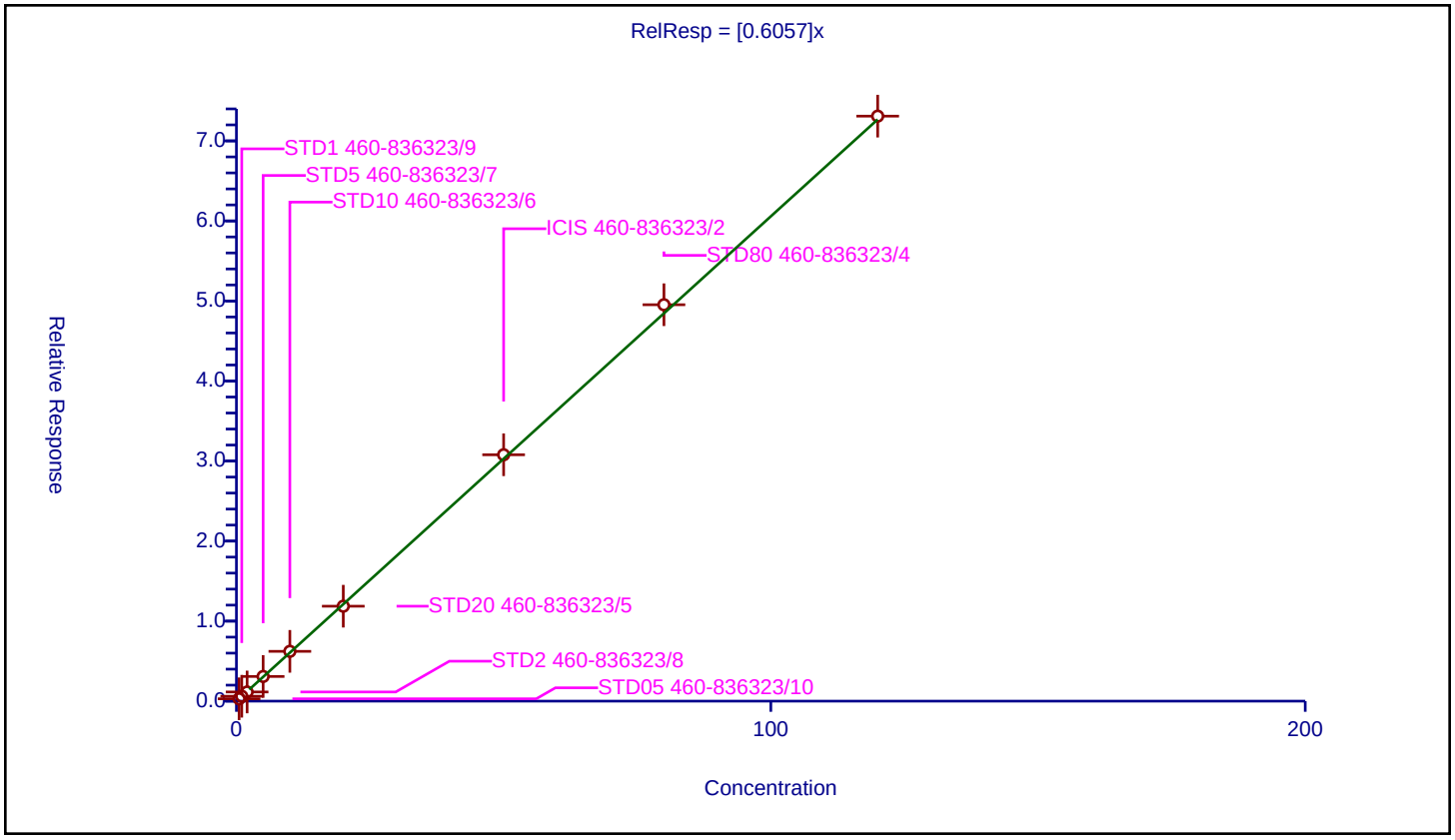
Curve Coefficients

Intercept:	0
Slope:	0.6057

Error Coefficients

Standard Error:	128000
Relative Standard Error:	2.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836323/10	0.5	0.294847	40.0	144346.0	0.589694	Y
2	STD1 460-836323/9	1.0	0.611907	40.0	146166.0	0.611907	Y
3	STD2 460-836323/8	2.0	1.147872	40.0	146985.0	0.573936	Y
4	STD5 460-836323/7	5.0	3.082464	40.0	147168.0	0.616493	Y
5	STD10 460-836323/6	10.0	6.222426	40.0	156672.0	0.622243	Y
6	STD20 460-836323/5	20.0	11.860613	40.0	157088.0	0.593031	Y
7	ICIS 460-836323/2	50.0	30.783362	40.0	150237.0	0.615667	Y
8	STD80 460-836323/4	80.0	49.530941	40.0	156526.0	0.619137	Y
9	STD120 460-836323/3	120.0	73.095078	40.0	151938.0	0.609126	Y



Calibration / Nitrobenzene-d5

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

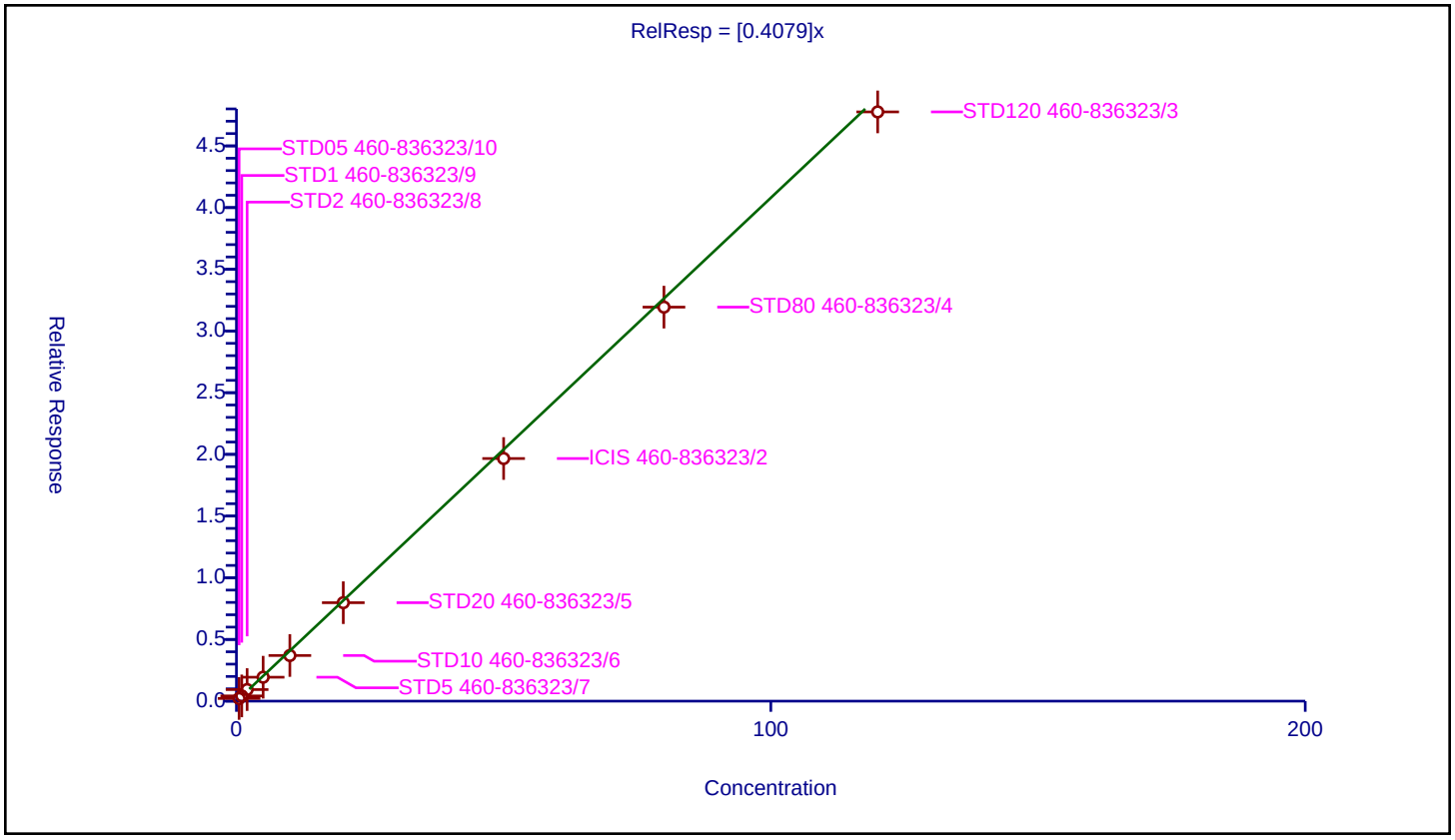
Curve Coefficients

Intercept:	0
Slope:	0.4079

Error Coefficients

Standard Error:	322000
Relative Standard Error:	7.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836323/10	0.5	0.21597	40.0	575450.0	0.43194	Y
2	STD1 460-836323/9	1.0	0.42322	40.0	576721.0	0.42322	Y
3	STD2 460-836323/8	2.0	0.937409	40.0	576568.0	0.468704	Y
4	STD5 460-836323/7	5.0	1.940462	40.0	580604.0	0.388092	Y
5	STD10 460-836323/6	10.0	3.699265	40.0	608164.0	0.369927	Y
6	STD20 460-836323/5	20.0	7.979957	40.0	608690.0	0.398998	Y
7	ICIS 460-836323/2	50.0	19.663856	40.0	587248.0	0.393277	Y
8	STD80 460-836323/4	80.0	31.93308	40.0	609561.0	0.399163	Y
9	STD120 460-836323/3	120.0	47.755284	40.0	588110.0	0.397961	Y



Calibration / Nitrobenzene

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

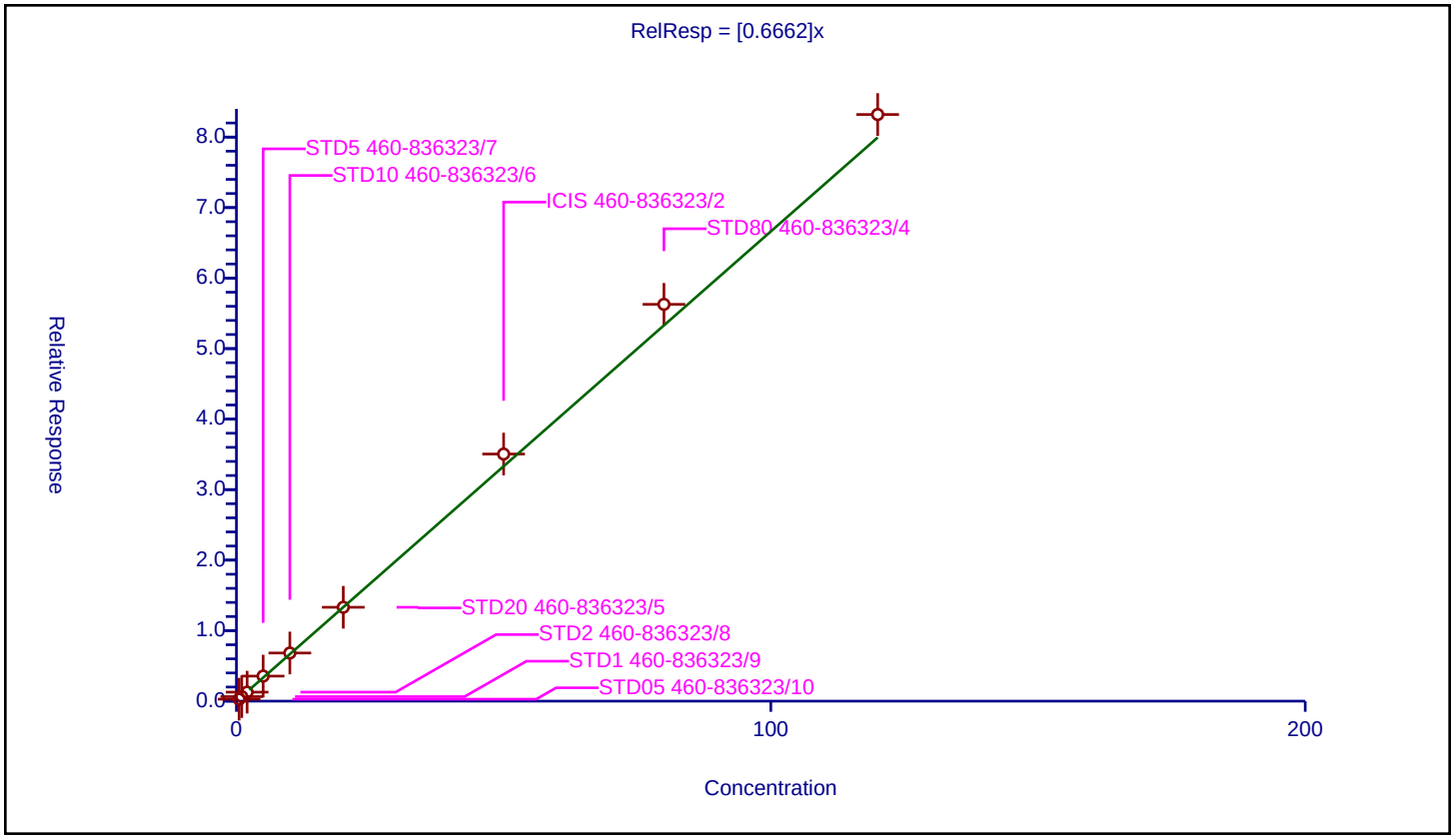
Curve Coefficients

Intercept:	0
Slope:	0.6662

Error Coefficients

Standard Error:	145000
Relative Standard Error:	7.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836323/10	0.5	0.27822	40.0	144346.0	0.556441	Y
2	STD1 460-836323/9	1.0	0.644199	40.0	146166.0	0.644199	Y
3	STD2 460-836323/8	2.0	1.277409	40.0	146985.0	0.638705	Y
4	STD5 460-836323/7	5.0	3.551044	40.0	147168.0	0.710209	Y
5	STD10 460-836323/6	10.0	6.829044	40.0	156672.0	0.682904	Y
6	STD20 460-836323/5	20.0	13.312284	40.0	157088.0	0.665614	Y
7	ICIS 460-836323/2	50.0	35.044629	40.0	150237.0	0.700893	Y
8	STD80 460-836323/4	80.0	56.279468	40.0	156526.0	0.703493	Y
9	STD120 460-836323/3	120.0	83.201832	40.0	151938.0	0.693349	Y



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

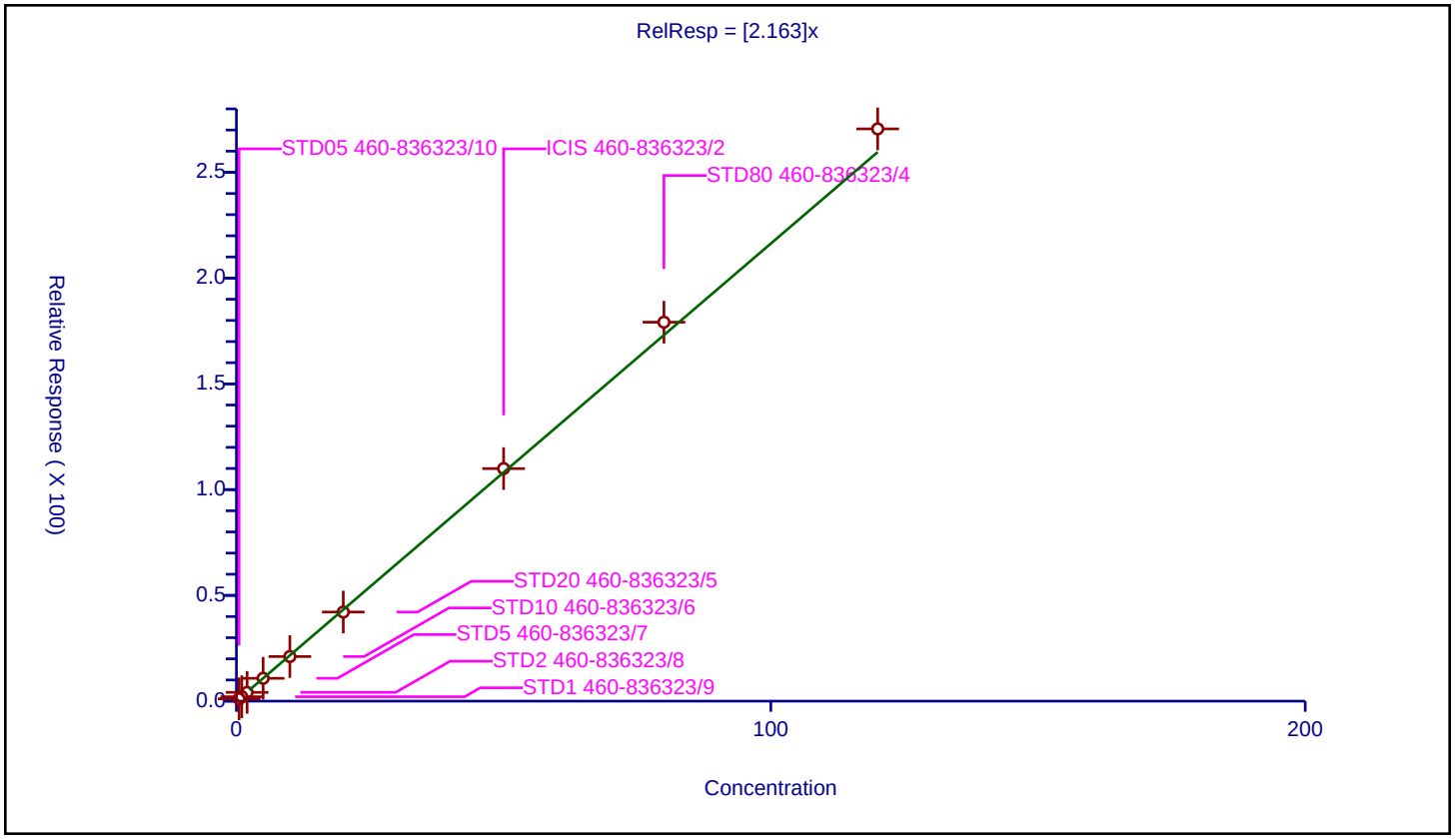
Curve Coefficients

Intercept:	0
Slope:	2.163

Error Coefficients

Standard Error:	468000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836323/10	0.5	1.119532	40.0	144346.0	2.239064	Y
2	STD1 460-836323/9	1.0	2.088311	40.0	146166.0	2.088311	Y
3	STD2 460-836323/8	2.0	4.150083	40.0	146985.0	2.075042	Y
4	STD5 460-836323/7	5.0	10.794738	40.0	147168.0	2.158948	Y
5	STD10 460-836323/6	10.0	21.088899	40.0	156672.0	2.10889	Y
6	STD20 460-836323/5	20.0	42.128488	40.0	157088.0	2.106424	Y
7	ICIS 460-836323/2	50.0	109.940694	40.0	150237.0	2.198814	Y
8	STD80 460-836323/4	80.0	179.15209	40.0	156526.0	2.239401	Y
9	STD120 460-836323/3	120.0	270.543774	40.0	151938.0	2.254531	Y



Calibration / Isophorone

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

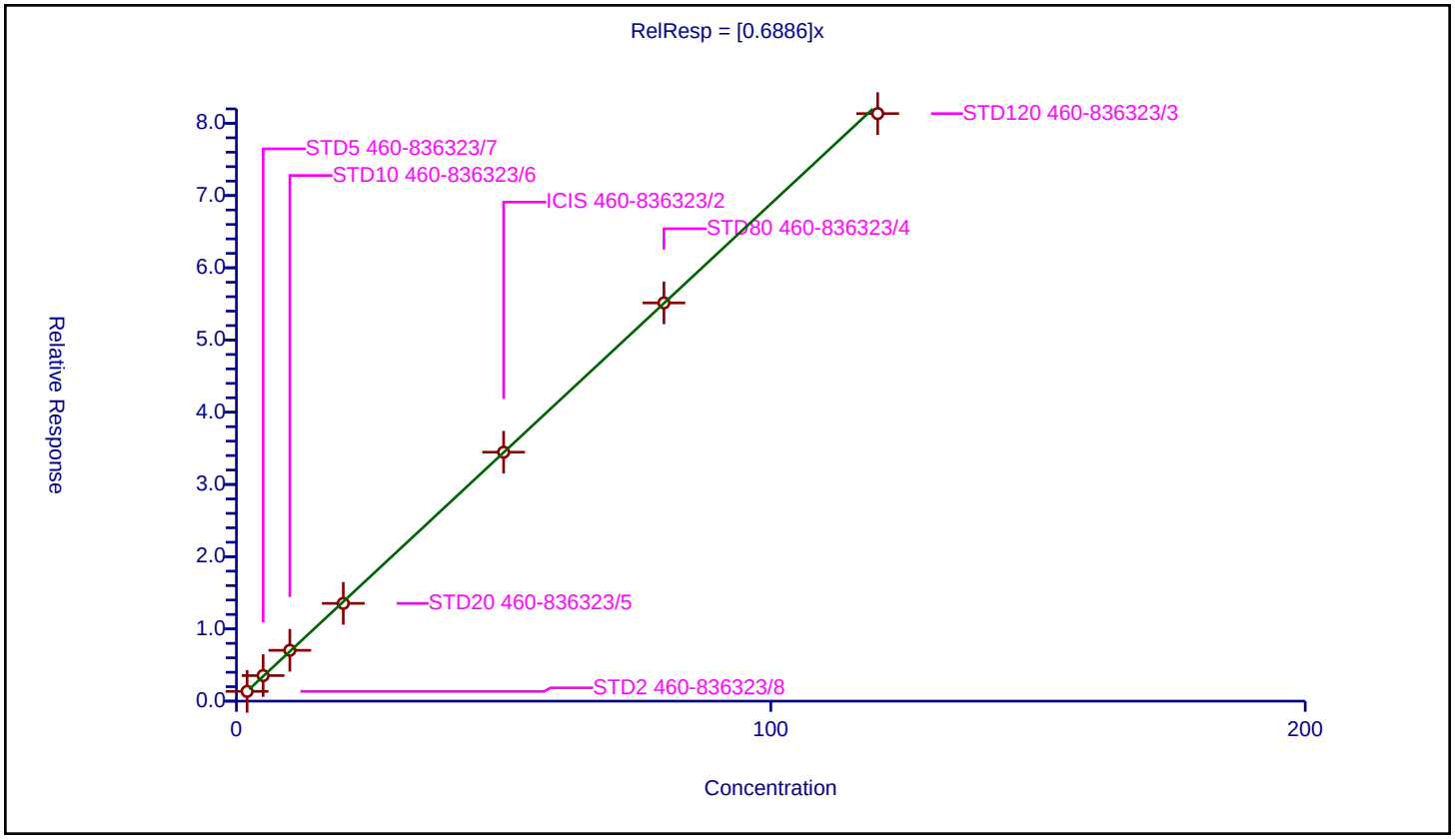
Curve Coefficients

Intercept:	0
Slope:	0.6886

Error Coefficients

Standard Error:	639000
Relative Standard Error:	1.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-836323/8	2.0	1.350474	40.0	576568.0	0.675237	Y
2	STD5 460-836323/7	5.0	3.53866	40.0	580604.0	0.707732	Y
3	STD10 460-836323/6	10.0	7.036326	40.0	608164.0	0.703633	Y
4	STD20 460-836323/5	20.0	13.53556	40.0	608690.0	0.676778	Y
5	ICIS 460-836323/2	50.0	34.470479	40.0	587248.0	0.68941	Y
6	STD80 460-836323/4	80.0	55.137648	40.0	609561.0	0.689221	Y
7	STD120 460-836323/3	120.0	81.348795	40.0	588110.0	0.677907	Y



Calibration / 2-Nitrophenol

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

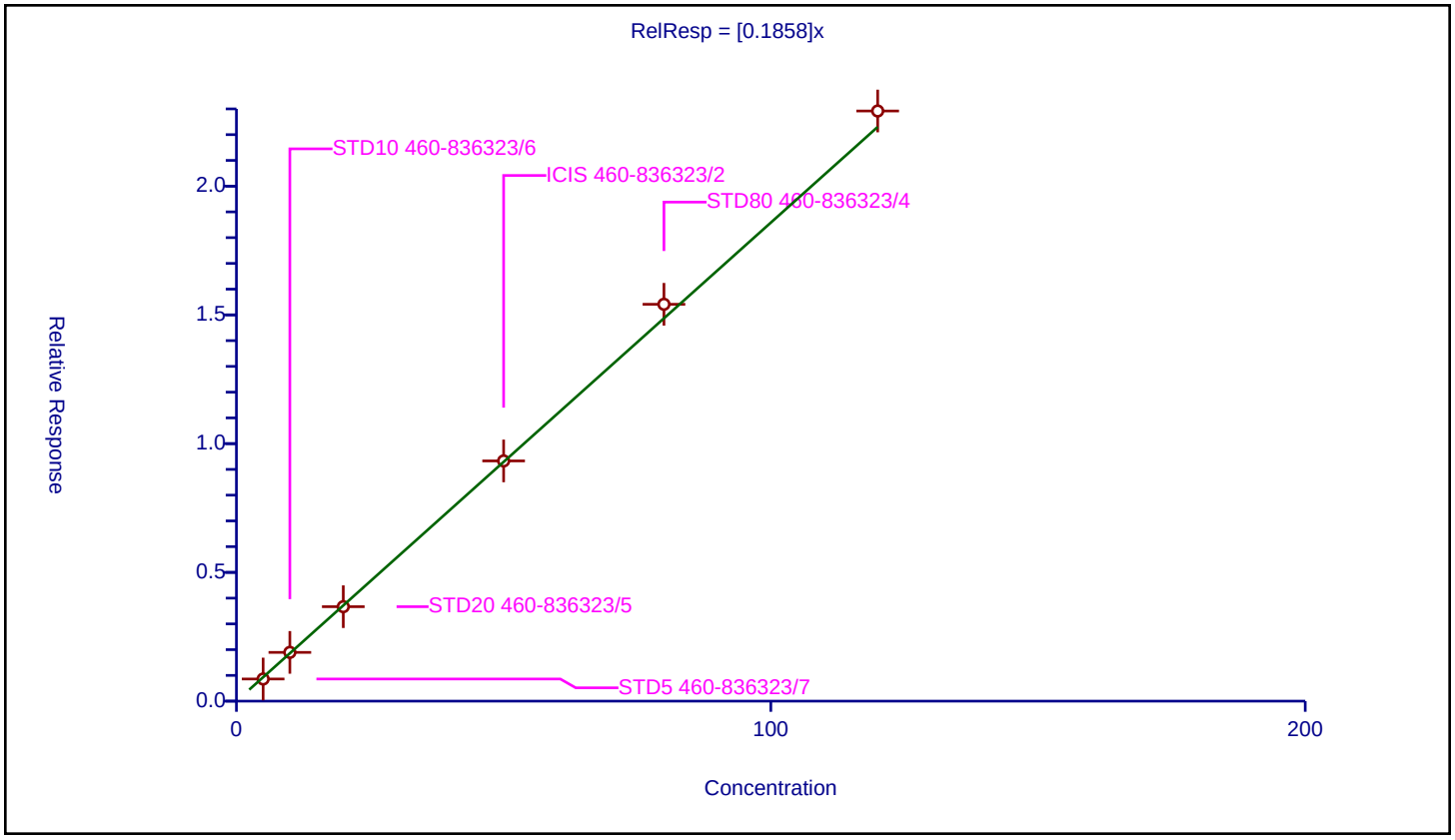
Curve Coefficients

Intercept:	0
Slope:	0.1858

Error Coefficients

Standard Error:	196000
Relative Standard Error:	4.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	0.86007	40.0	580604.0	0.172014	Y
2	STD10 460-836323/6	10.0	1.893437	40.0	608164.0	0.189344	Y
3	STD20 460-836323/5	20.0	3.667877	40.0	608690.0	0.183394	Y
4	ICIS 460-836323/2	50.0	9.329006	40.0	587248.0	0.18658	Y
5	STD80 460-836323/4	80.0	15.412206	40.0	609561.0	0.192653	Y
6	STD120 460-836323/3	120.0	22.91857	40.0	588110.0	0.190988	Y



Calibration / 2,4-Dimethylphenol

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

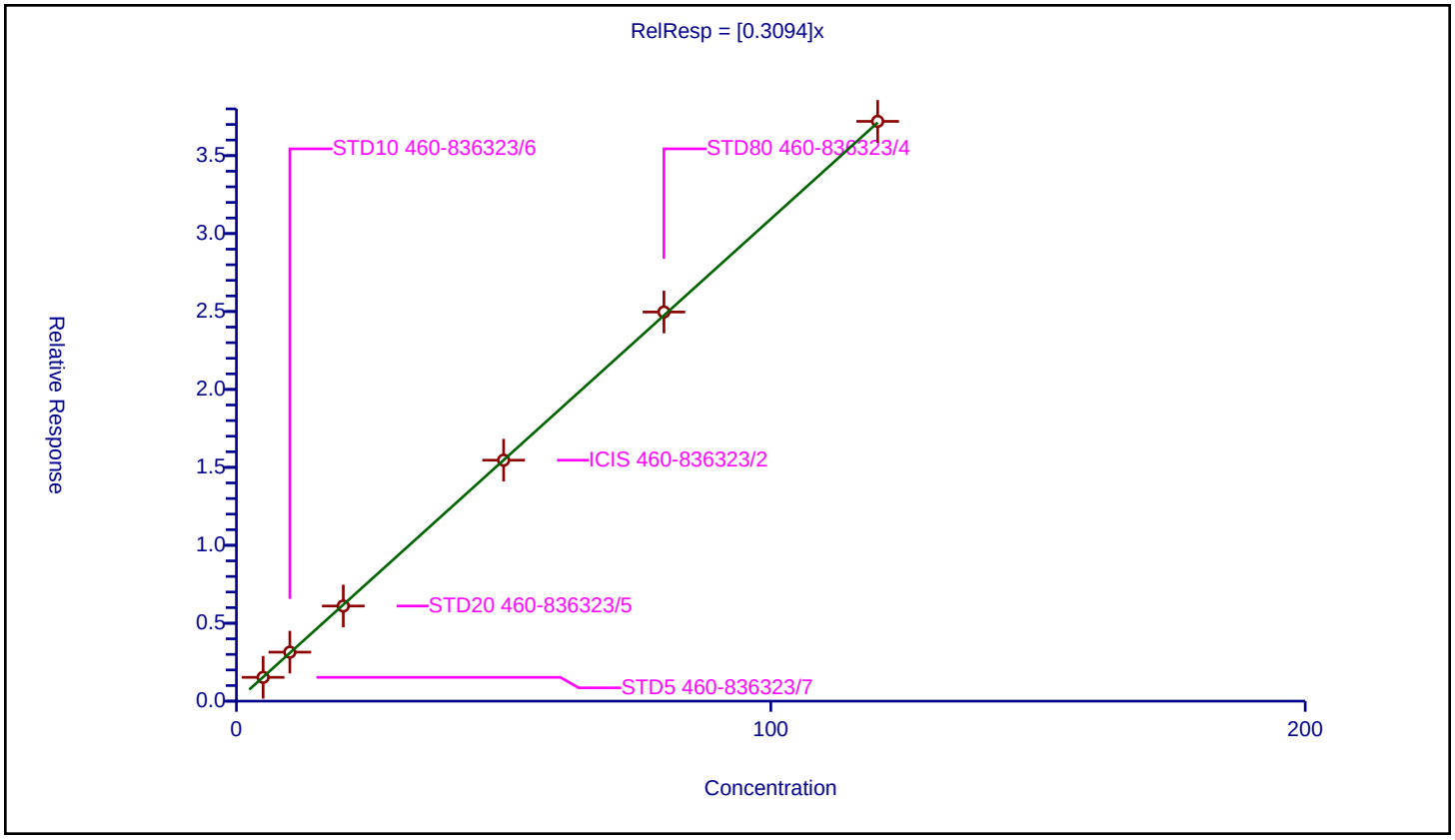
Curve Coefficients

Intercept:	0
Slope:	0.3094

Error Coefficients

Standard Error:	318000
Relative Standard Error:	1.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	1.52703	40.0	580604.0	0.305406	Y
2	STD10 460-836323/6	10.0	3.142705	40.0	608164.0	0.31427	Y
3	STD20 460-836323/5	20.0	6.10314	40.0	608690.0	0.305157	Y
4	ICIS 460-836323/2	50.0	15.45984	40.0	587248.0	0.309197	Y
5	STD80 460-836323/4	80.0	24.968658	40.0	609561.0	0.312108	Y
6	STD120 460-836323/3	120.0	37.19998	40.0	588110.0	0.31	Y



Calibration / Benzoic acid

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

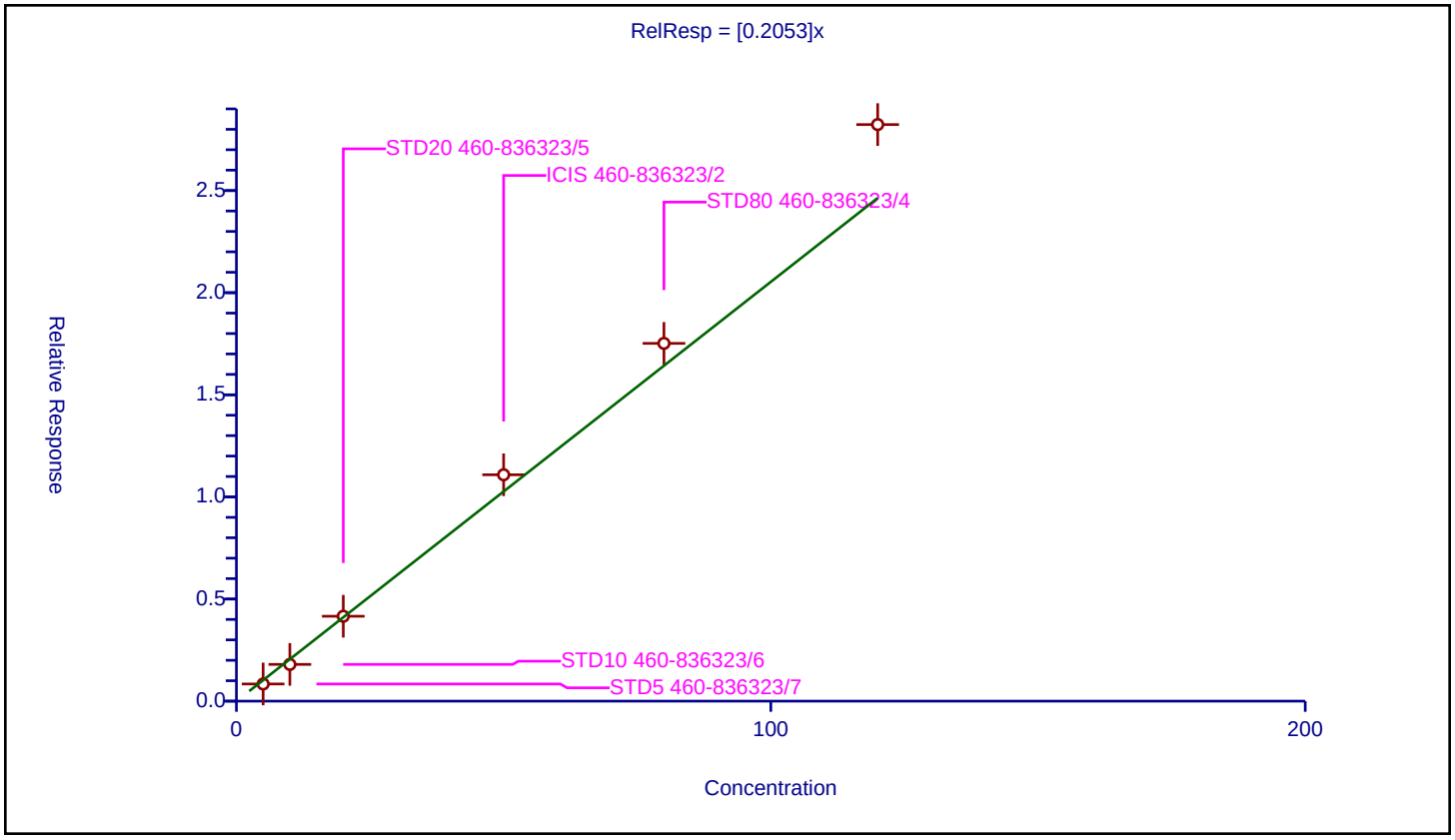
Curve Coefficients

Intercept:	0
Slope:	0.2053

Error Coefficients

Standard Error:	234000
Relative Standard Error:	12.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	0.840228	40.0	580604.0	0.168046	Y
2	STD10 460-836323/6	10.0	1.799712	40.0	608164.0	0.179971	Y
3	STD20 460-836323/5	20.0	4.157059	40.0	608690.0	0.207853	Y
4	ICIS 460-836323/2	50.0	11.084652	40.0	587248.0	0.221693	Y
5	STD80 460-836323/4	80.0	17.517919	40.0	609561.0	0.218974	Y
6	STD120 460-836323/3	120.0	28.232269	40.0	588110.0	0.235269	Y



Calibration / Bis(2-chloroethoxy)methane

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

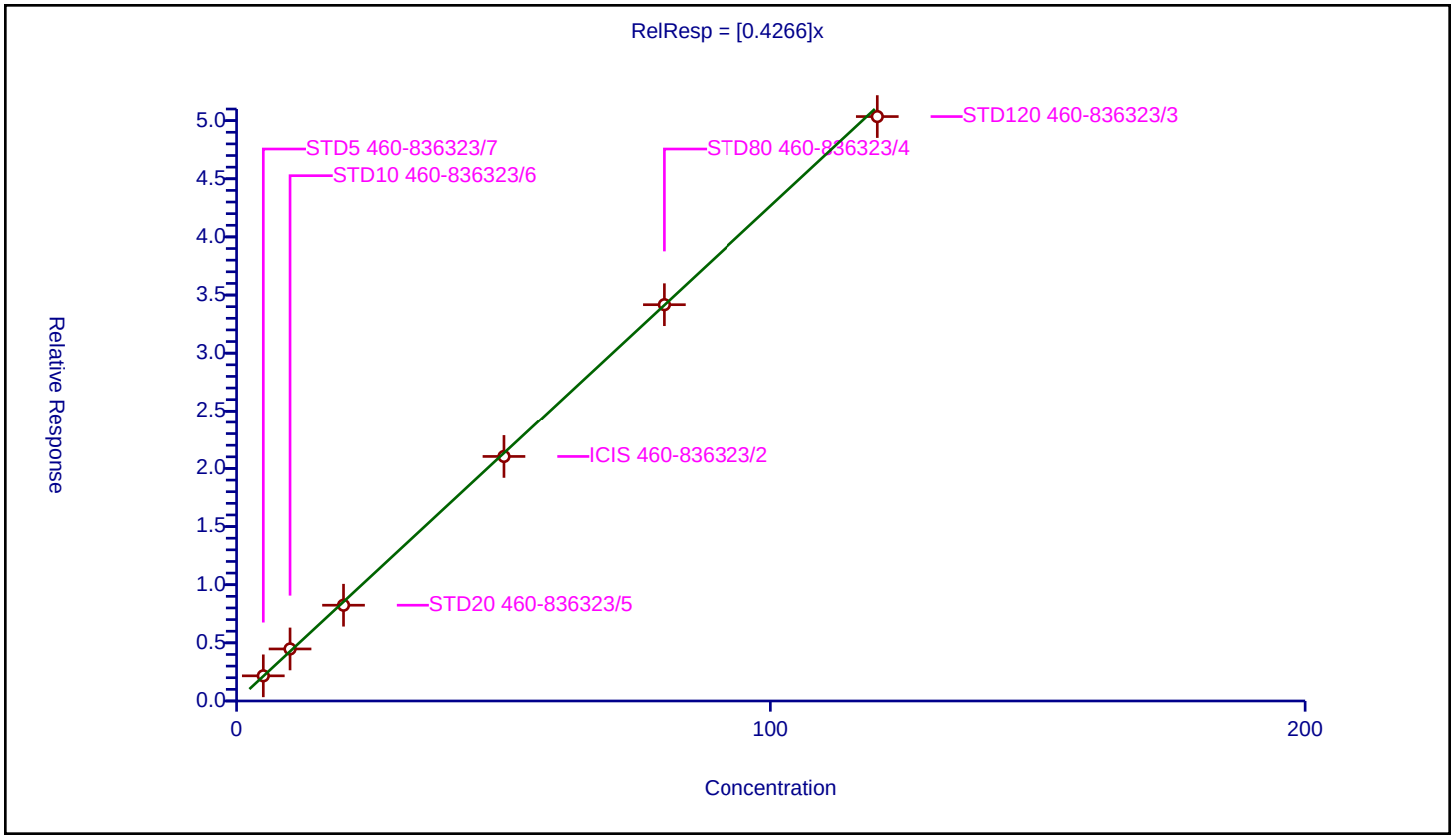
Curve Coefficients

Intercept:	0
Slope:	0.4266

Error Coefficients

Standard Error:	433000
Relative Standard Error:	2.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	2.164987	40.0	580604.0	0.432997	Y
2	STD10 460-836323/6	10.0	4.476095	40.0	608164.0	0.44761	Y
3	STD20 460-836323/5	20.0	8.237559	40.0	608690.0	0.411878	Y
4	ICIS 460-836323/2	50.0	21.033839	40.0	587248.0	0.420677	Y
5	STD80 460-836323/4	80.0	34.169903	40.0	609561.0	0.427124	Y
6	STD120 460-836323/3	120.0	50.351057	40.0	588110.0	0.419592	Y



Calibration / 2,4-Dichlorophenol

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

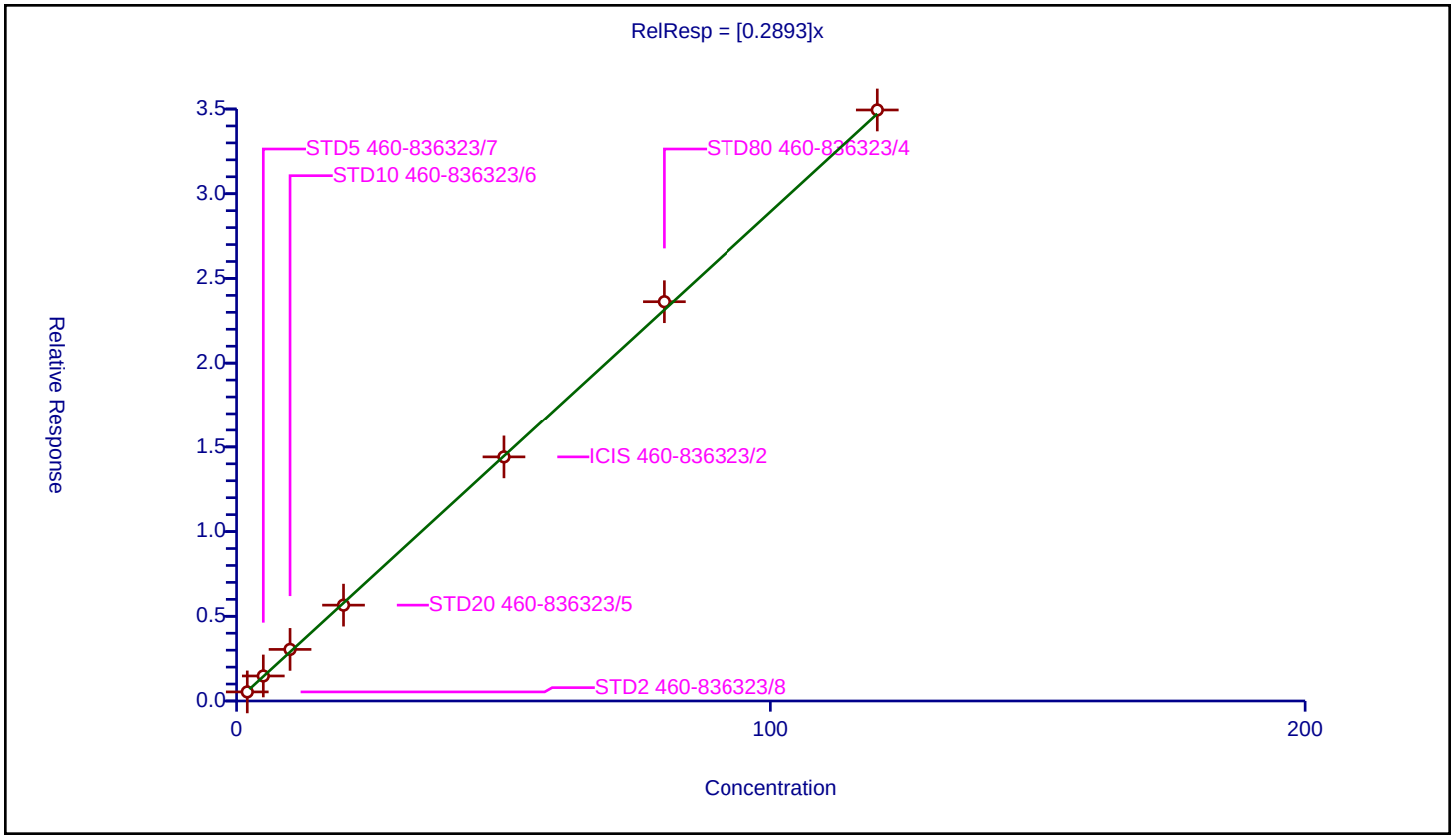
Curve Coefficients

Intercept:	0
Slope:	0.2893

Error Coefficients

Standard Error:	273000
Relative Standard Error:	4.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-836323/8	2.0	0.535652	40.0	576568.0	0.267826	Y
2	STD5 460-836323/7	5.0	1.47722	40.0	580604.0	0.295444	Y
3	STD10 460-836323/6	10.0	3.044113	40.0	608164.0	0.304411	Y
4	STD20 460-836323/5	20.0	5.657658	40.0	608690.0	0.282883	Y
5	ICIS 460-836323/2	50.0	14.40904	40.0	587248.0	0.288181	Y
6	STD80 460-836323/4	80.0	23.626971	40.0	609561.0	0.295337	Y
7	STD120 460-836323/3	120.0	34.943871	40.0	588110.0	0.291199	Y



Calibration / 1,2,4-Trichlorobenzene

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

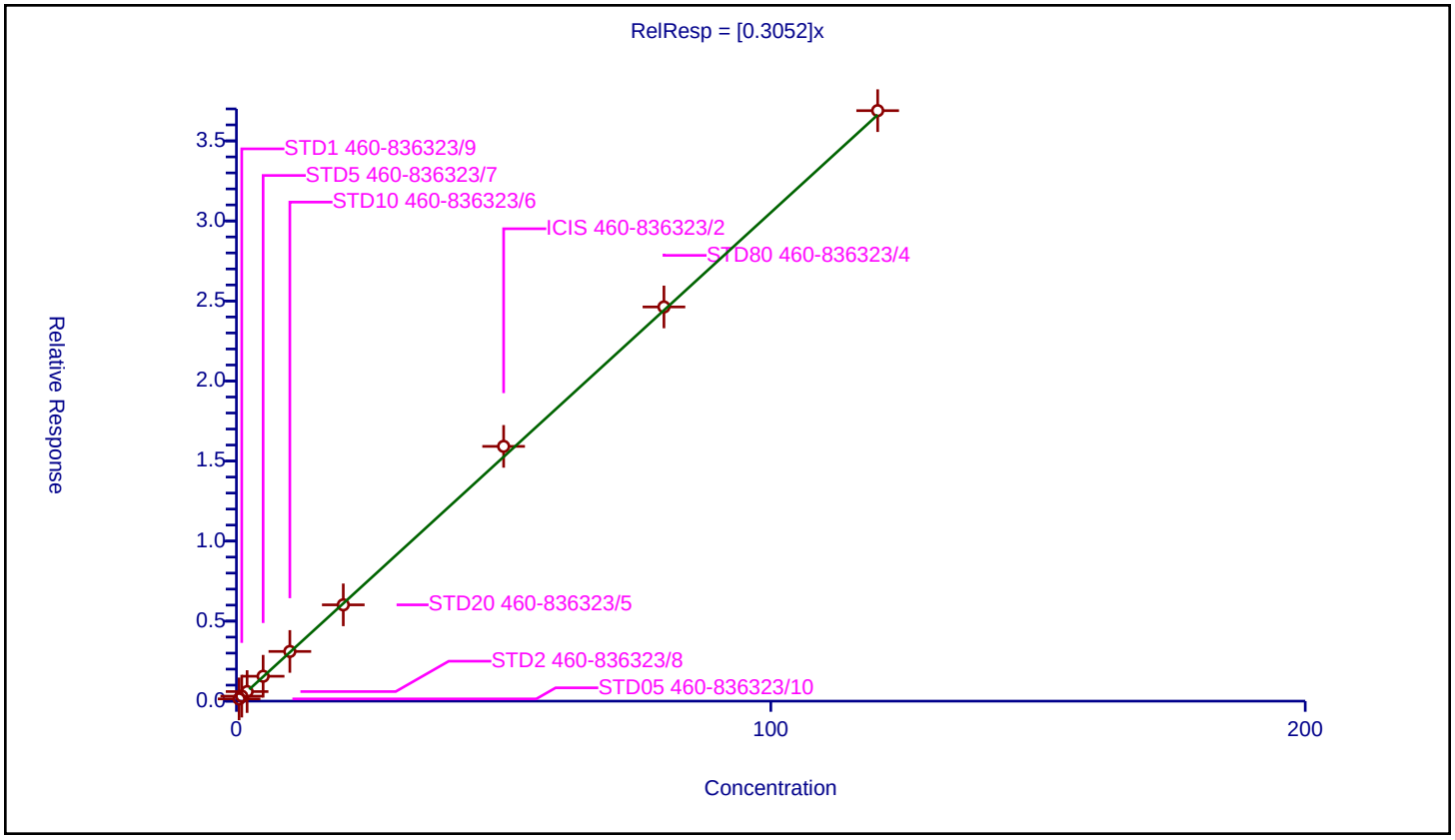
Curve Coefficients

Intercept:	0
Slope:	0.3052

Error Coefficients

Standard Error:	250000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836323/10	0.5	0.140273	40.0	575450.0	0.280546	Y
2	STD1 460-836323/9	1.0	0.31204	40.0	576721.0	0.31204	Y
3	STD2 460-836323/8	2.0	0.597466	40.0	576568.0	0.298733	Y
4	STD5 460-836323/7	5.0	1.555484	40.0	580604.0	0.311097	Y
5	STD10 460-836323/6	10.0	3.103702	40.0	608164.0	0.31037	Y
6	STD20 460-836323/5	20.0	6.015279	40.0	608690.0	0.300764	Y
7	ICIS 460-836323/2	50.0	15.915593	40.0	587248.0	0.318312	Y
8	STD80 460-836323/4	80.0	24.626641	40.0	609561.0	0.307833	Y
9	STD120 460-836323/3	120.0	36.890854	40.0	588110.0	0.307424	Y



Calibration / Naphthalene

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

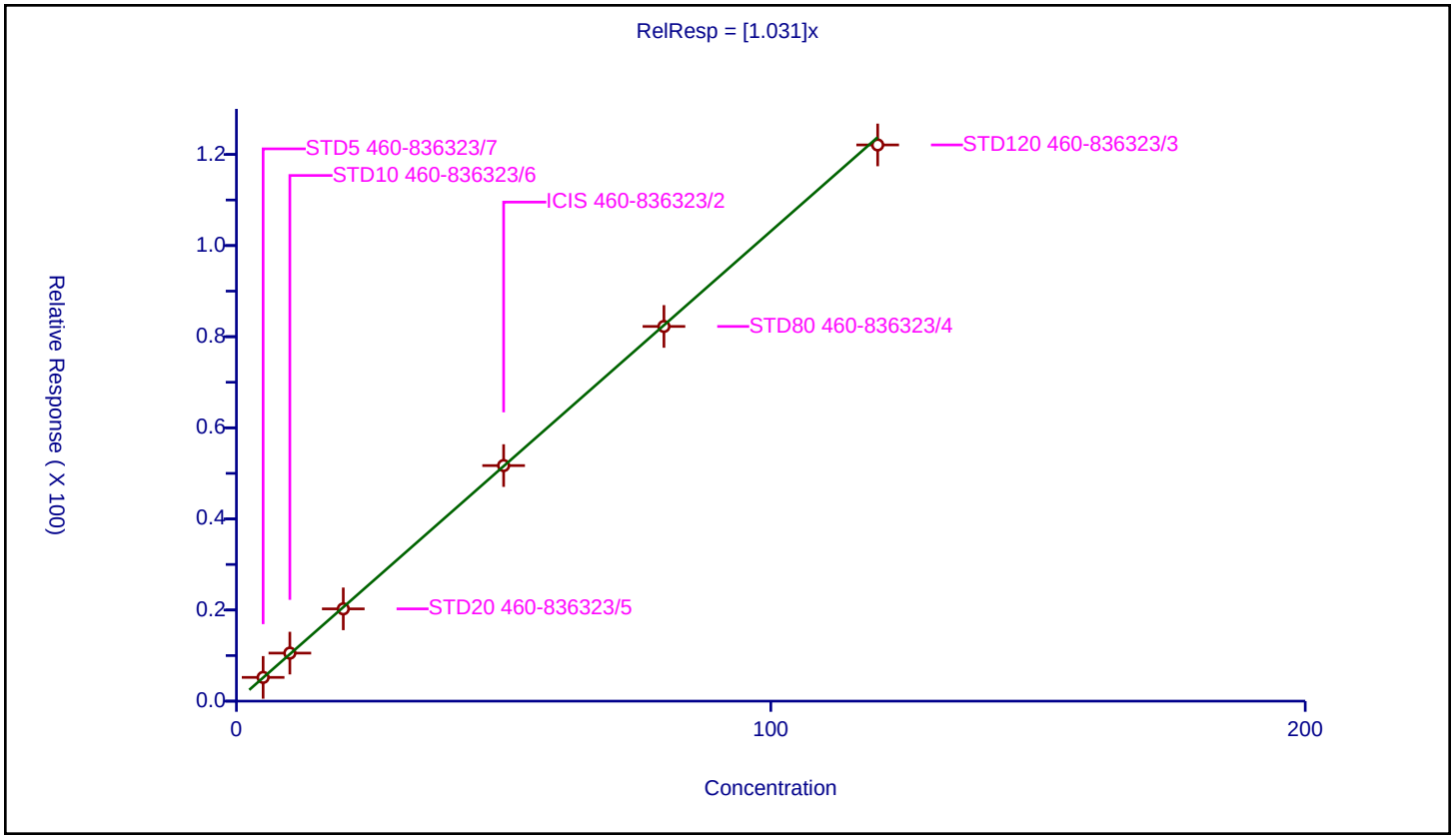
Curve Coefficients

Intercept:	0
Slope:	1.031

Error Coefficients

Standard Error:	1050000
Relative Standard Error:	1.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	5.20954	40.0	580604.0	1.041908	Y
2	STD10 460-836323/6	10.0	10.545577	40.0	608164.0	1.054558	Y
3	STD20 460-836323/5	20.0	20.253922	40.0	608690.0	1.012696	Y
4	ICIS 460-836323/2	50.0	51.706536	40.0	587248.0	1.034131	Y
5	STD80 460-836323/4	80.0	82.249094	40.0	609561.0	1.028114	Y
6	STD120 460-836323/3	120.0	122.087093	40.0	588110.0	1.017392	Y



Calibration / 4-Chloroaniline

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

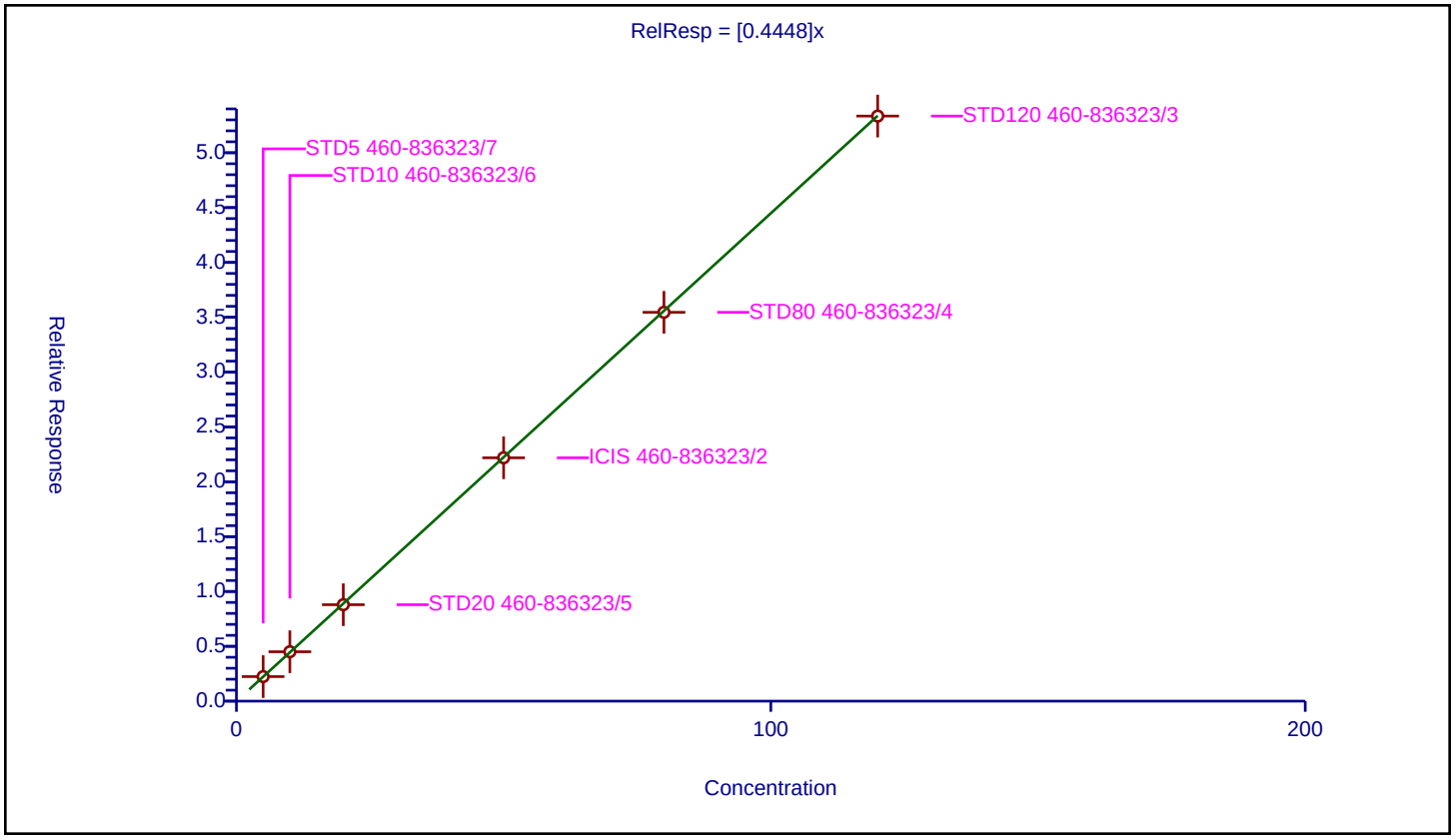
Curve Coefficients

Intercept:	0
Slope:	0.4448

Error Coefficients

Standard Error:	455000
Relative Standard Error:	0.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	2.237187	40.0	580604.0	0.447437	Y
2	STD10 460-836323/6	10.0	4.502338	40.0	608164.0	0.450234	Y
3	STD20 460-836323/5	20.0	8.793245	40.0	608690.0	0.439662	Y
4	ICIS 460-836323/2	50.0	22.188377	40.0	587248.0	0.443768	Y
5	STD80 460-836323/4	80.0	35.453187	40.0	609561.0	0.443165	Y
6	STD120 460-836323/3	120.0	53.347911	40.0	588110.0	0.444566	Y



Calibration / Hexachlorobutadiene

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

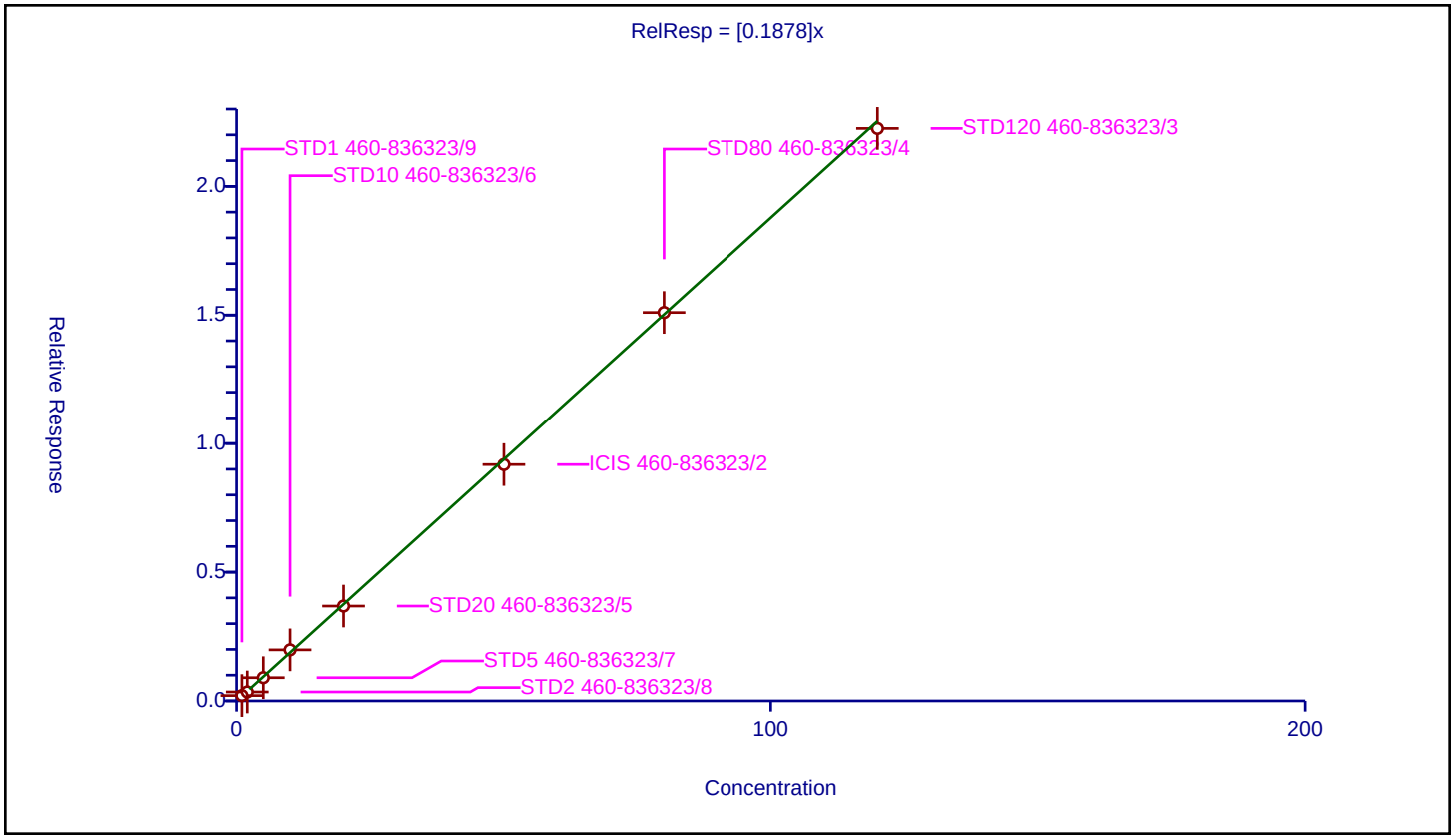
Curve Coefficients

Intercept:	0
Slope:	0.1878

Error Coefficients

Standard Error:	161000
Relative Standard Error:	5.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-836323/9	1.0	0.207587	40.0	576721.0	0.207587	Y
2	STD2 460-836323/8	2.0	0.348406	40.0	576568.0	0.174203	Y
3	STD5 460-836323/7	5.0	0.901682	40.0	580604.0	0.180336	Y
4	STD10 460-836323/6	10.0	1.9819	40.0	608164.0	0.19819	Y
5	STD20 460-836323/5	20.0	3.684108	40.0	608690.0	0.184205	Y
6	ICIS 460-836323/2	50.0	9.184263	40.0	587248.0	0.183685	Y
7	STD80 460-836323/4	80.0	15.099457	40.0	609561.0	0.188743	Y
8	STD120 460-836323/3	120.0	22.249239	40.0	588110.0	0.18541	Y



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

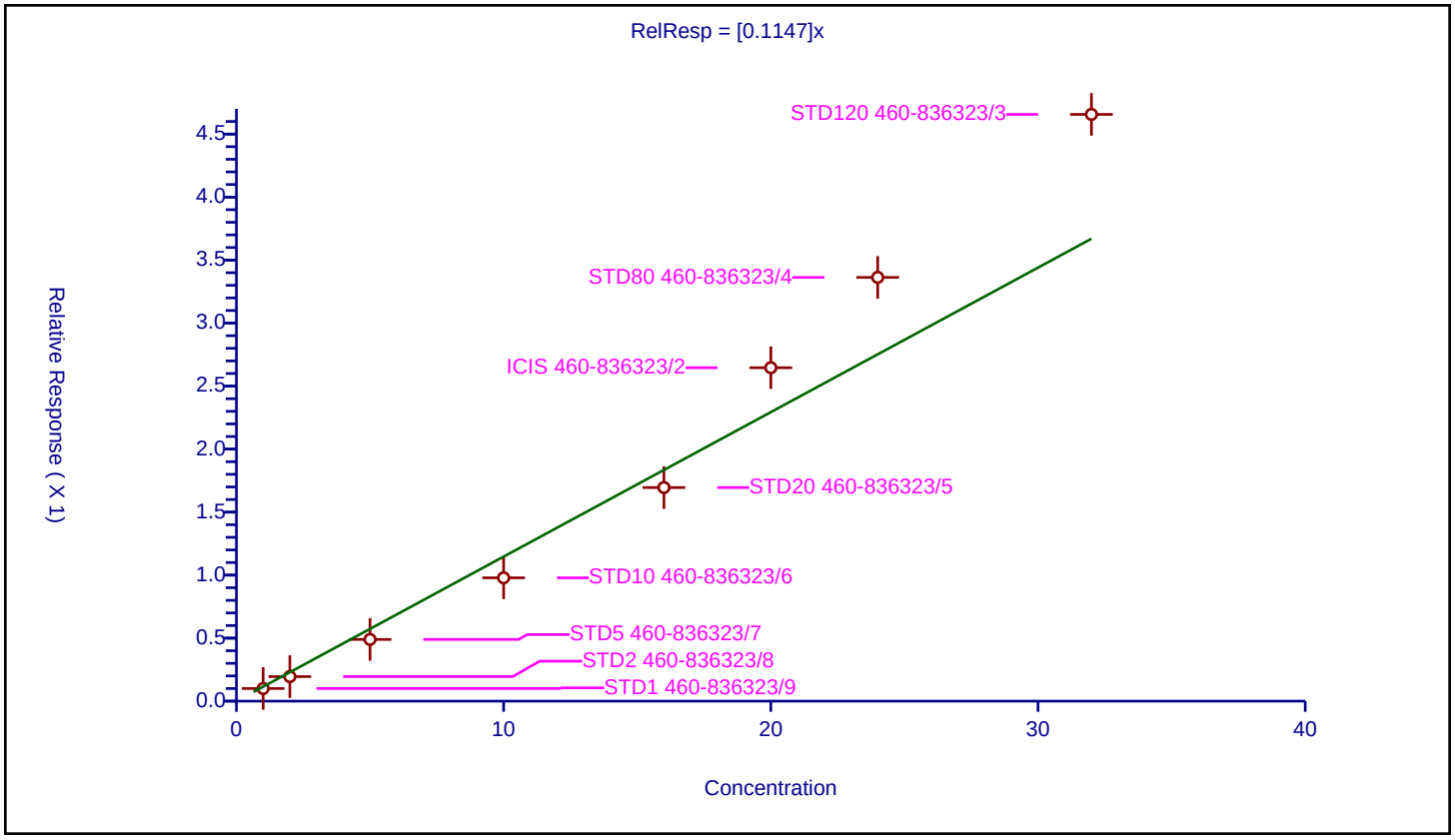
Curve Coefficients

Intercept:	0
Slope:	0.1147

Error Coefficients

Standard Error:	37400
Relative Standard Error:	18.2
Correlation Coefficient:	0.984
Coefficient of Determination (Adjusted):	0.960

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-836323/9	1.0	0.10036	40.0	576721.0	0.10036	Y
2	STD2 460-836323/8	2.0	0.194669	40.0	576568.0	0.097335	Y
3	STD5 460-836323/7	5.0	0.489697	40.0	580604.0	0.097939	Y
4	STD10 460-836323/6	10.0	0.978815	40.0	608164.0	0.097881	Y
5	STD20 460-836323/5	16.0	1.695116	40.0	608690.0	0.105945	Y
6	ICIS 460-836323/2	20.0	2.645969	40.0	587248.0	0.132298	Y
7	STD80 460-836323/4	24.0	3.362617	40.0	609561.0	0.140109	Y
8	STD120 460-836323/3	32.0	4.656272	40.0	588110.0	0.145508	Y



Calibration / 4-Chloro-3-methylphenol

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

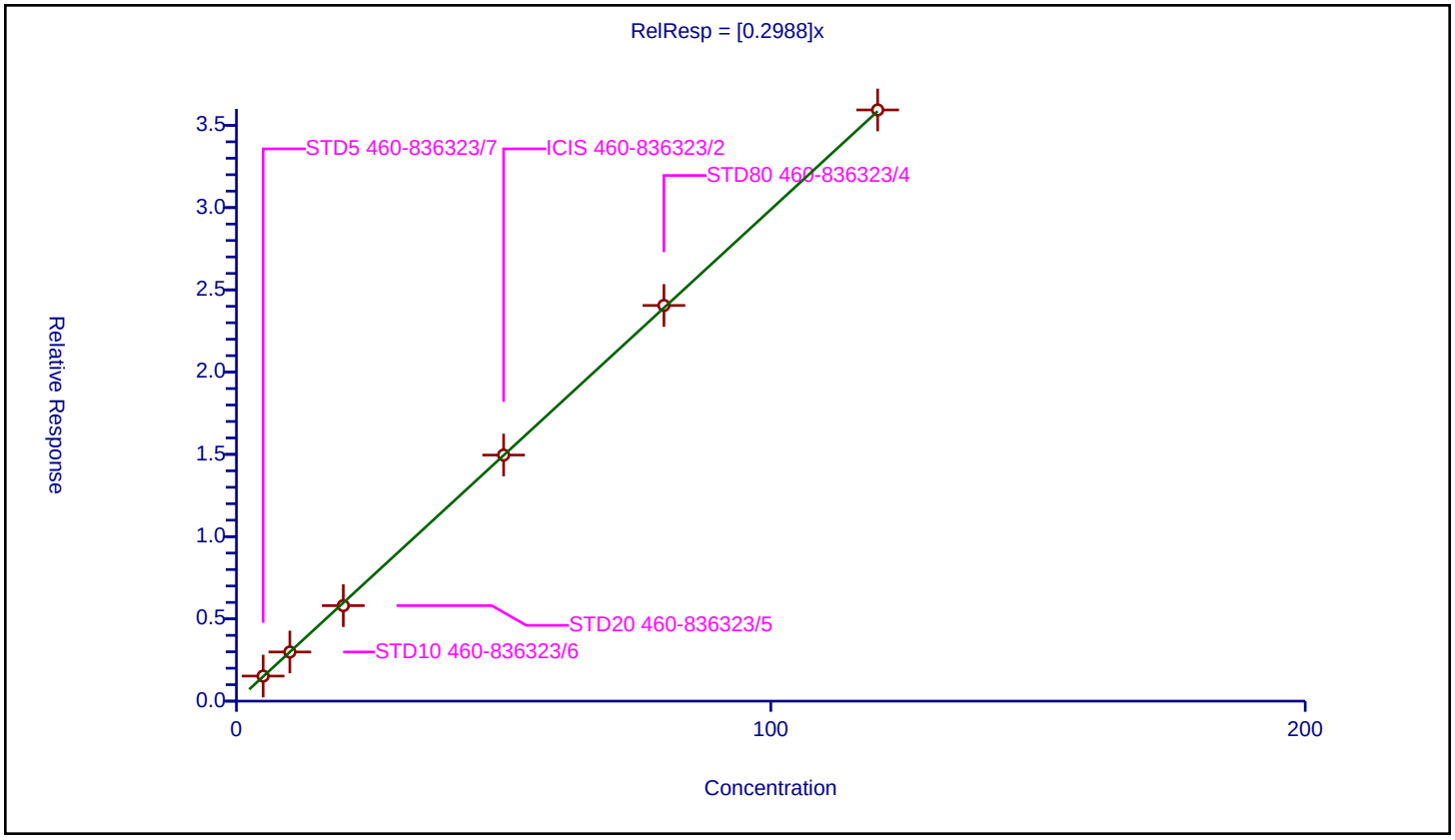
Curve Coefficients

Intercept:	0
Slope:	0.2988

Error Coefficients

Standard Error:	307000
Relative Standard Error:	1.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	1.523861	40.0	580604.0	0.304772	Y
2	STD10 460-836323/6	10.0	2.987089	40.0	608164.0	0.298709	Y
3	STD20 460-836323/5	20.0	5.805385	40.0	608690.0	0.290269	Y
4	ICIS 460-836323/2	50.0	14.958178	40.0	587248.0	0.299164	Y
5	STD80 460-836323/4	80.0	24.052392	40.0	609561.0	0.300655	Y
6	STD120 460-836323/3	120.0	35.937155	40.0	588110.0	0.299476	Y



Calibration / 2-Methylnaphthalene

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

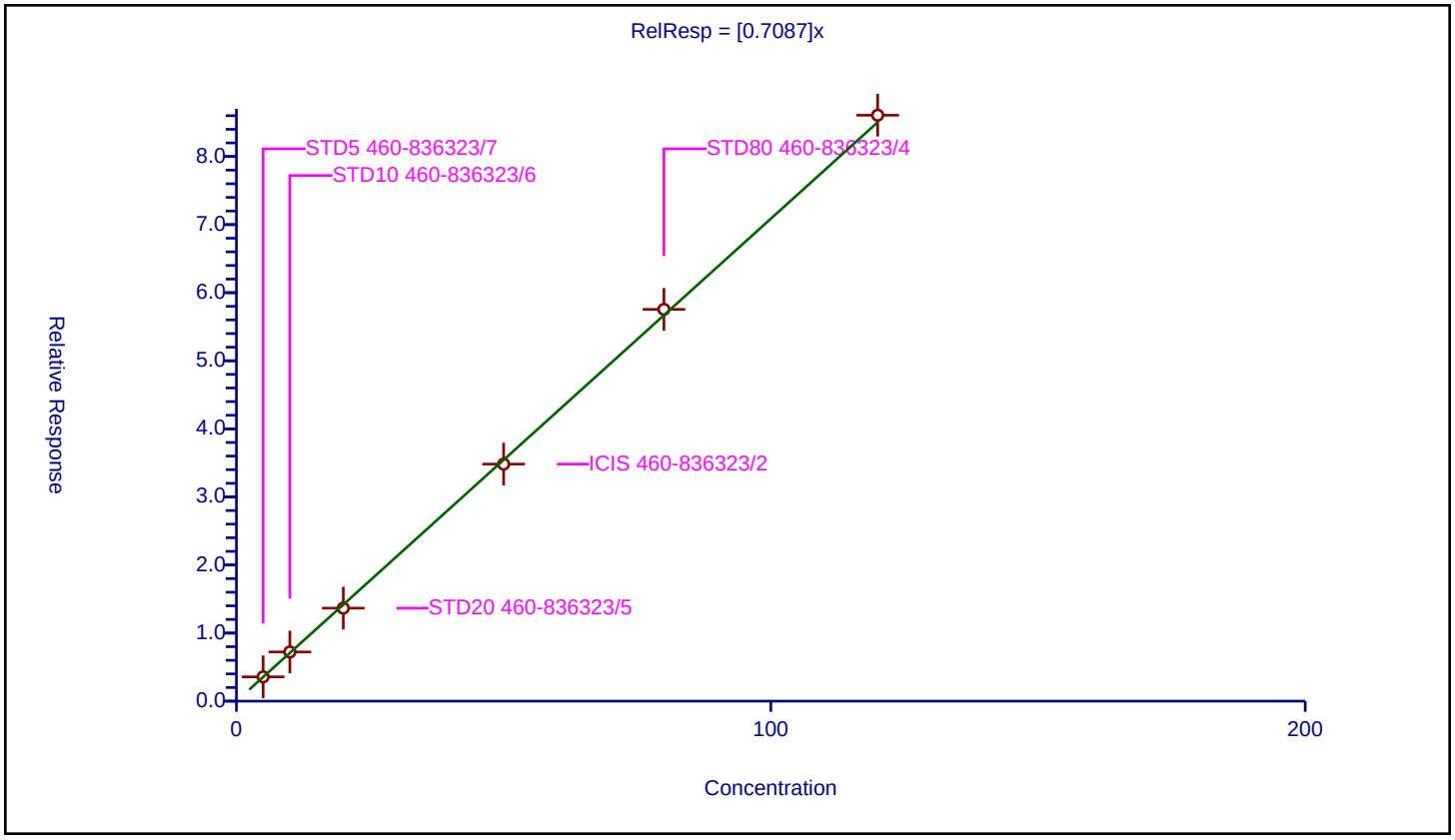
Curve Coefficients

Intercept:	0
Slope:	0.7087

Error Coefficients

Standard Error:	733000
Relative Standard Error:	2.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	3.566562	40.0	580604.0	0.713312	Y
2	STD10 460-836323/6	10.0	7.226209	40.0	608164.0	0.722621	Y
3	STD20 460-836323/5	20.0	13.660944	40.0	608690.0	0.683047	Y
4	ICIS 460-836323/2	50.0	34.81759	40.0	587248.0	0.696352	Y
5	STD80 460-836323/4	80.0	57.550532	40.0	609561.0	0.719382	Y
6	STD120 460-836323/3	120.0	86.069001	40.0	588110.0	0.717242	Y



Calibration / 1-Methylnaphthalene

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

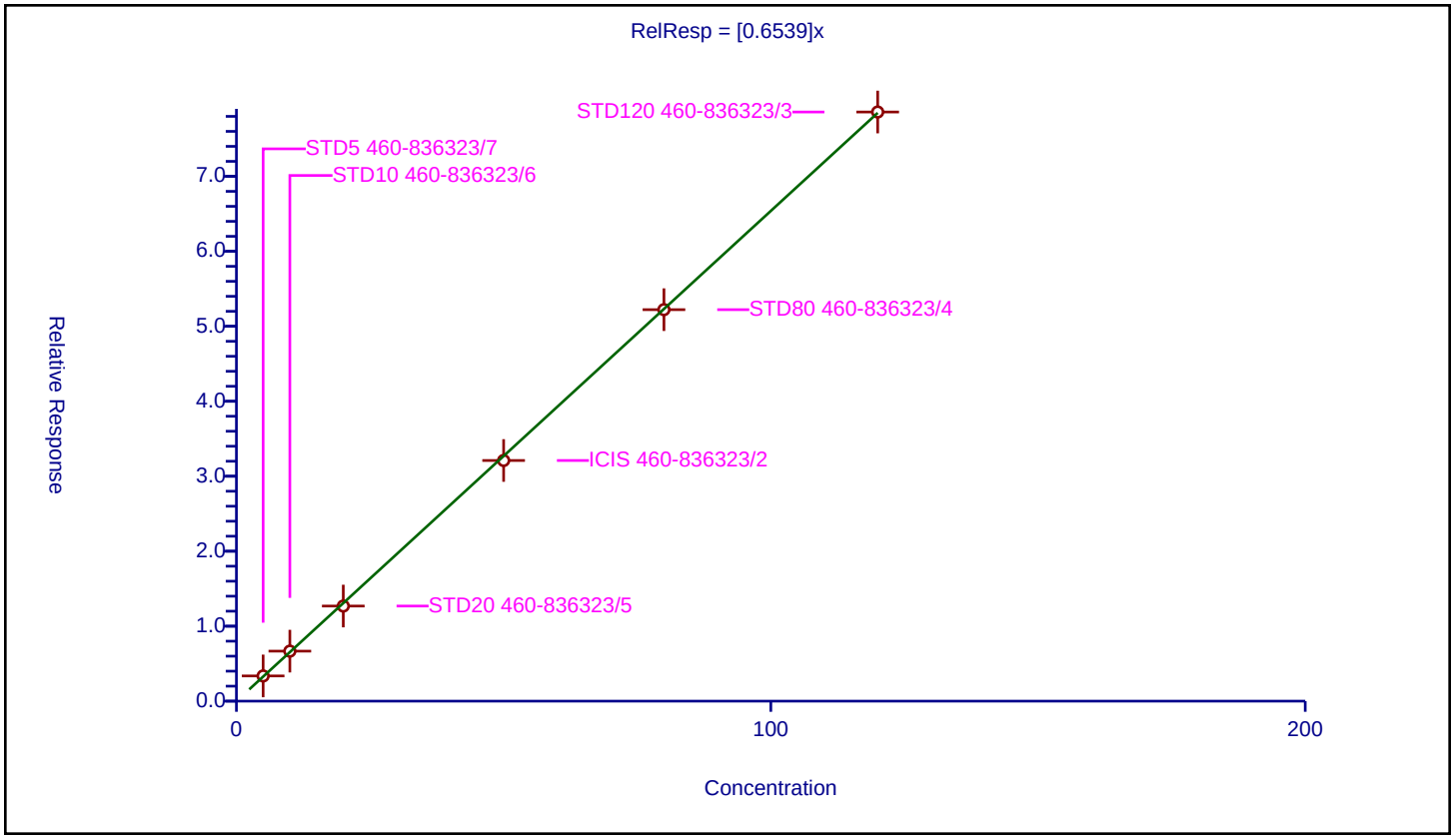
Curve Coefficients

Intercept:	0
Slope:	0.6539

Error Coefficients

Standard Error:	669000
Relative Standard Error:	2.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	3.362085	40.0	580604.0	0.672417	Y
2	STD10 460-836323/6	10.0	6.671227	40.0	608164.0	0.667123	Y
3	STD20 460-836323/5	20.0	12.683369	40.0	608690.0	0.634168	Y
4	ICIS 460-836323/2	50.0	32.101463	40.0	587248.0	0.642029	Y
5	STD80 460-836323/4	80.0	52.221254	40.0	609561.0	0.652766	Y
6	STD120 460-836323/3	120.0	78.582782	40.0	588110.0	0.654857	Y



Calibration / Hexachlorocyclopentadiene

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

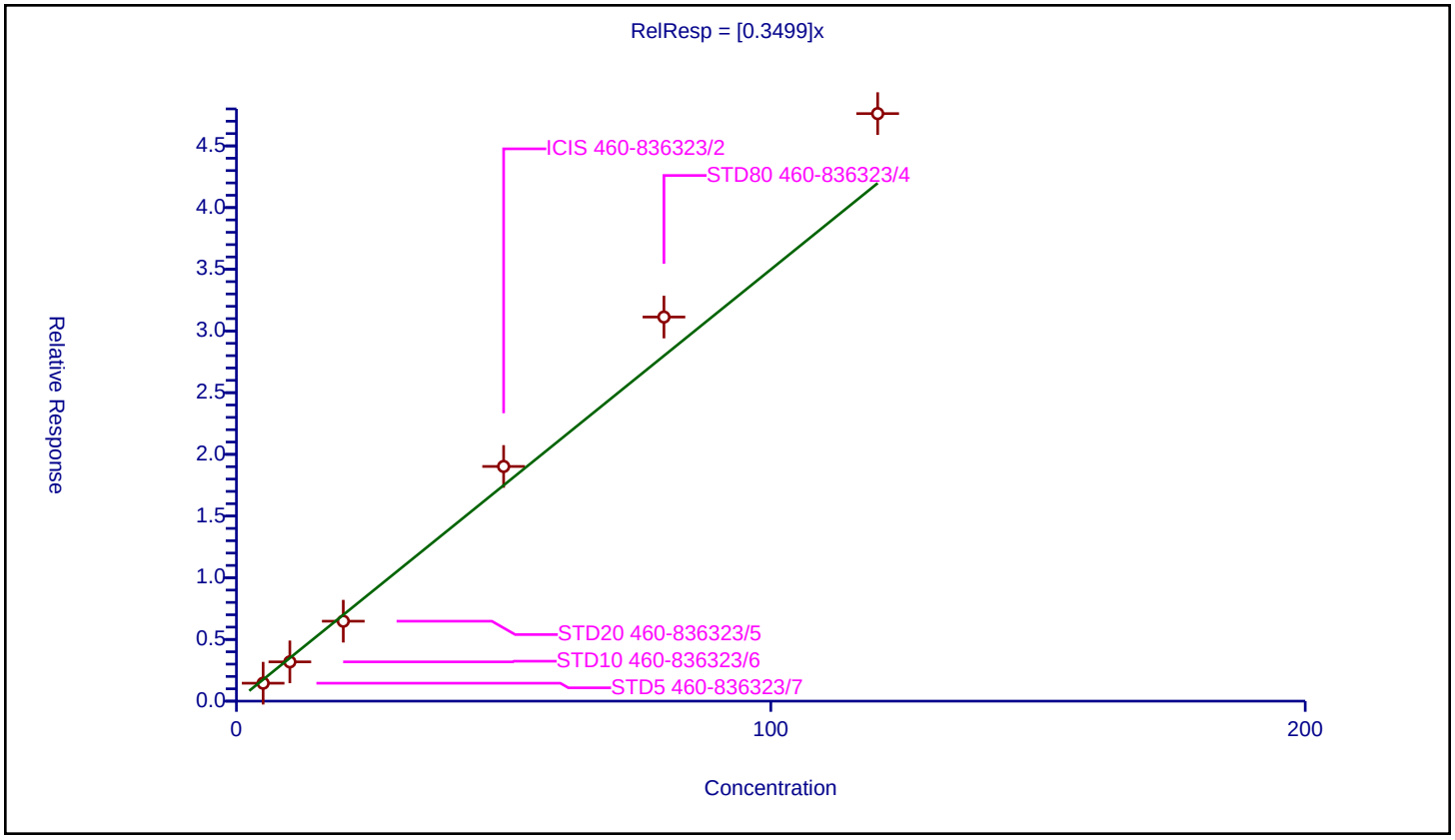
Curve Coefficients

Intercept:	0
Slope:	0.3499

Error Coefficients

Standard Error:	231000
Relative Standard Error:	12.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	1.453148	40.0	344411.0	0.29063	Y
2	STD10 460-836323/6	10.0	3.181864	40.0	364541.0	0.318186	Y
3	STD20 460-836323/5	20.0	6.478829	40.0	360985.0	0.323941	Y
4	ICIS 460-836323/2	50.0	19.019656	40.0	320214.0	0.380393	Y
5	STD80 460-836323/4	80.0	31.131261	40.0	352474.0	0.389141	Y
6	STD120 460-836323/3	120.0	47.618171	40.0	341305.0	0.396818	Y



Calibration / 1,2,4,5-Tetrachlorobenzene

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

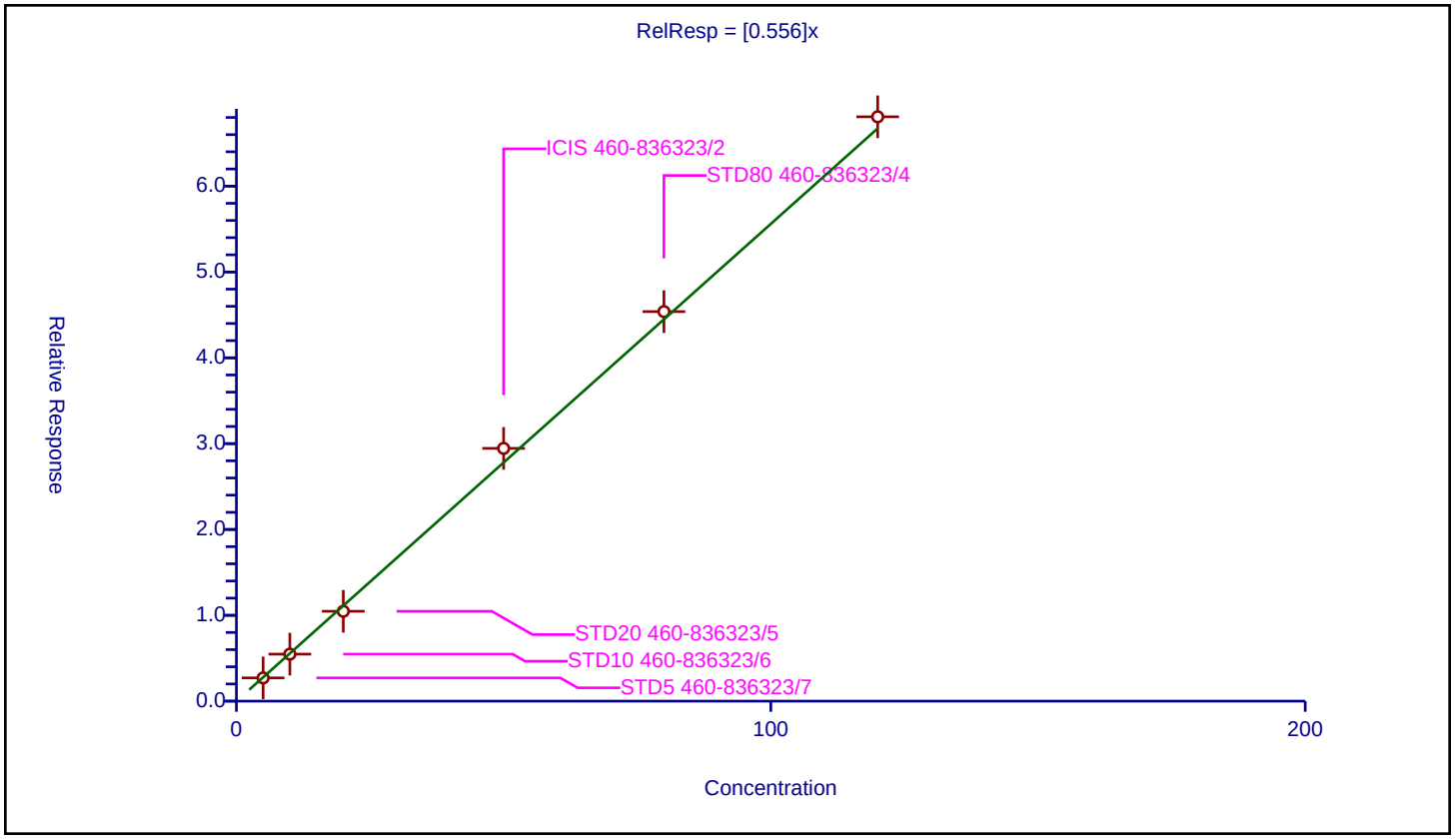
Curve Coefficients

Intercept:	0
Slope:	0.556

Error Coefficients

Standard Error:	336000
Relative Standard Error:	4.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	2.707347	40.0	344411.0	0.541469	Y
2	STD10 460-836323/6	10.0	5.476366	40.0	364541.0	0.547637	Y
3	STD20 460-836323/5	20.0	10.467582	40.0	360985.0	0.523379	Y
4	ICIS 460-836323/2	50.0	29.449805	40.0	320214.0	0.588996	Y
5	STD80 460-836323/4	80.0	45.384454	40.0	352474.0	0.567306	Y
6	STD120 460-836323/3	120.0	68.077174	40.0	341305.0	0.56731	Y



Calibration / 2-tertbutyl-4-methylphenol

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

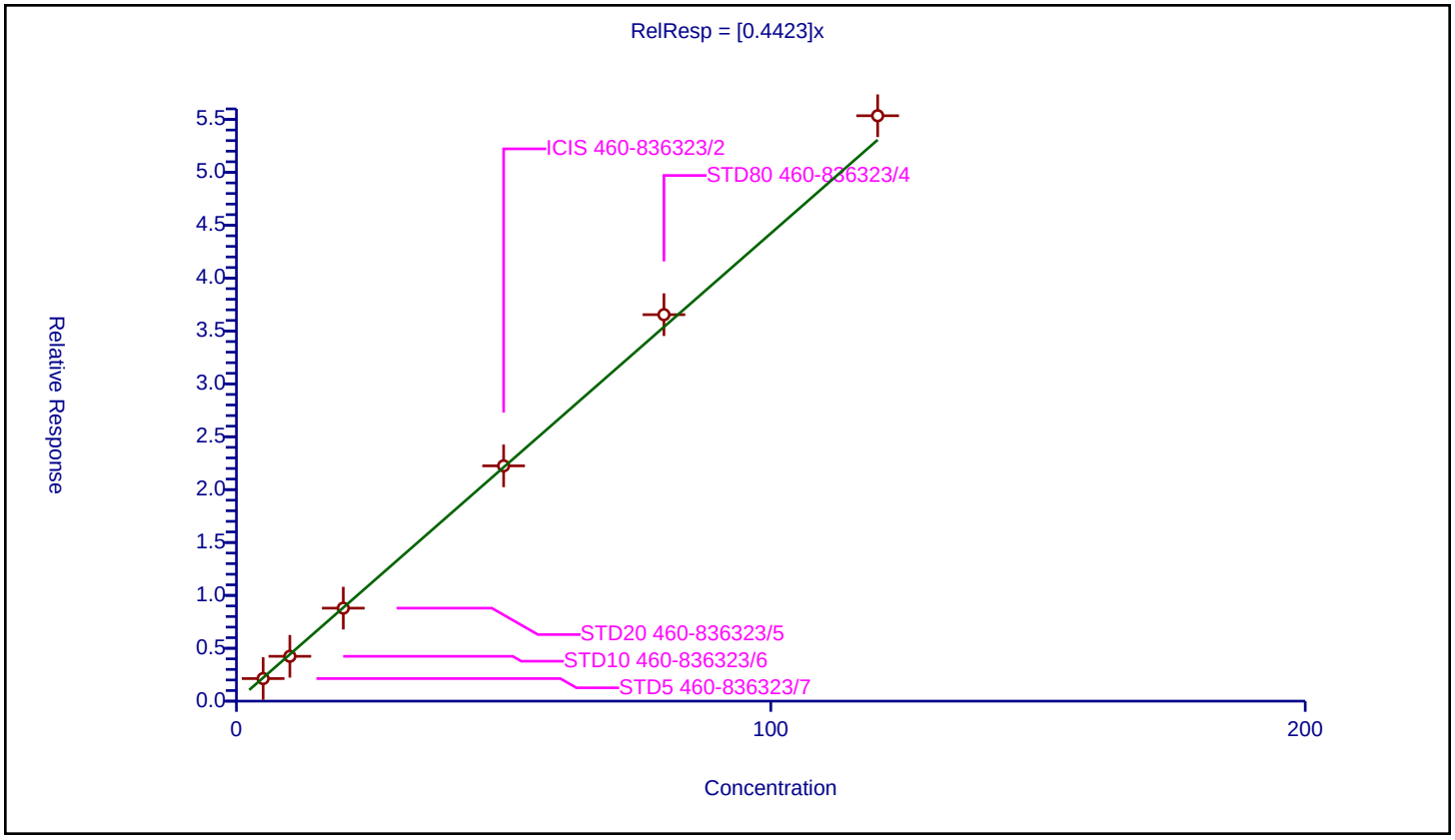
Curve Coefficients

Intercept:	0
Slope:	0.4423

Error Coefficients

Standard Error:	469000
Relative Standard Error:	3.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	2.135362	40.0	580604.0	0.427072	Y
2	STD10 460-836323/6	10.0	4.239185	40.0	608164.0	0.423919	Y
3	STD20 460-836323/5	20.0	8.793442	40.0	608690.0	0.439672	Y
4	ICIS 460-836323/2	50.0	22.248113	40.0	587248.0	0.444962	Y
5	STD80 460-836323/4	80.0	36.542692	40.0	609561.0	0.456784	Y
6	STD120 460-836323/3	120.0	55.353998	40.0	588110.0	0.461283	Y



Calibration / 2,4,6-Trichlorophenol

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

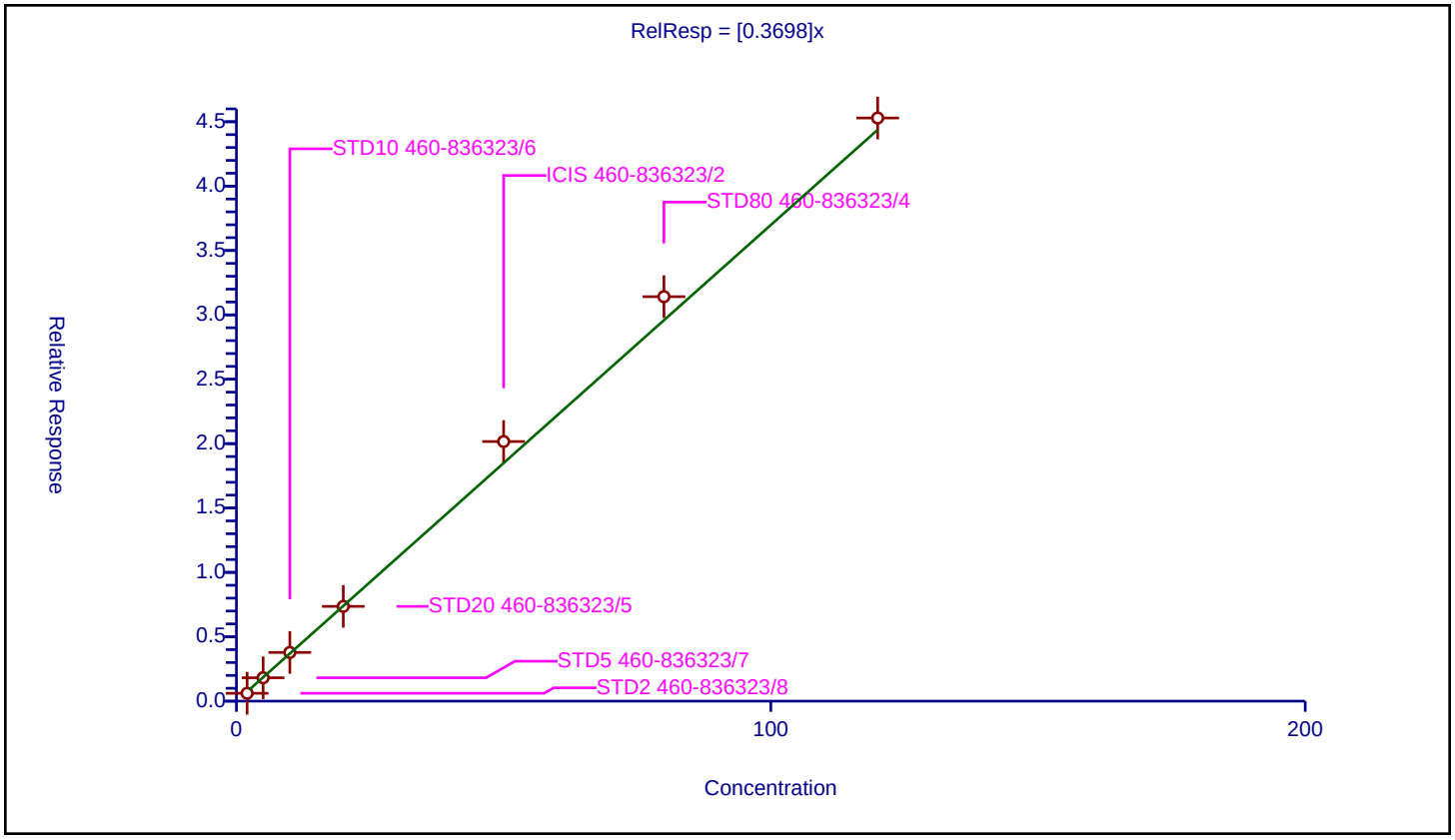
Curve Coefficients

Intercept:	0
Slope:	0.3698

Error Coefficients

Standard Error:	207000
Relative Standard Error:	8.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-836323/8	2.0	0.612096	40.0	341907.0	0.306048	Y
2	STD5 460-836323/7	5.0	1.815621	40.0	344411.0	0.363124	Y
3	STD10 460-836323/6	10.0	3.782291	40.0	364541.0	0.378229	Y
4	STD20 460-836323/5	20.0	7.358865	40.0	360985.0	0.367943	Y
5	ICIS 460-836323/2	50.0	20.16489	40.0	320214.0	0.403298	Y
6	STD80 460-836323/4	80.0	31.415424	40.0	352474.0	0.392693	Y
7	STD120 460-836323/3	120.0	45.292627	40.0	341305.0	0.377439	Y



Calibration / 2,4,5-Trichlorophenol

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

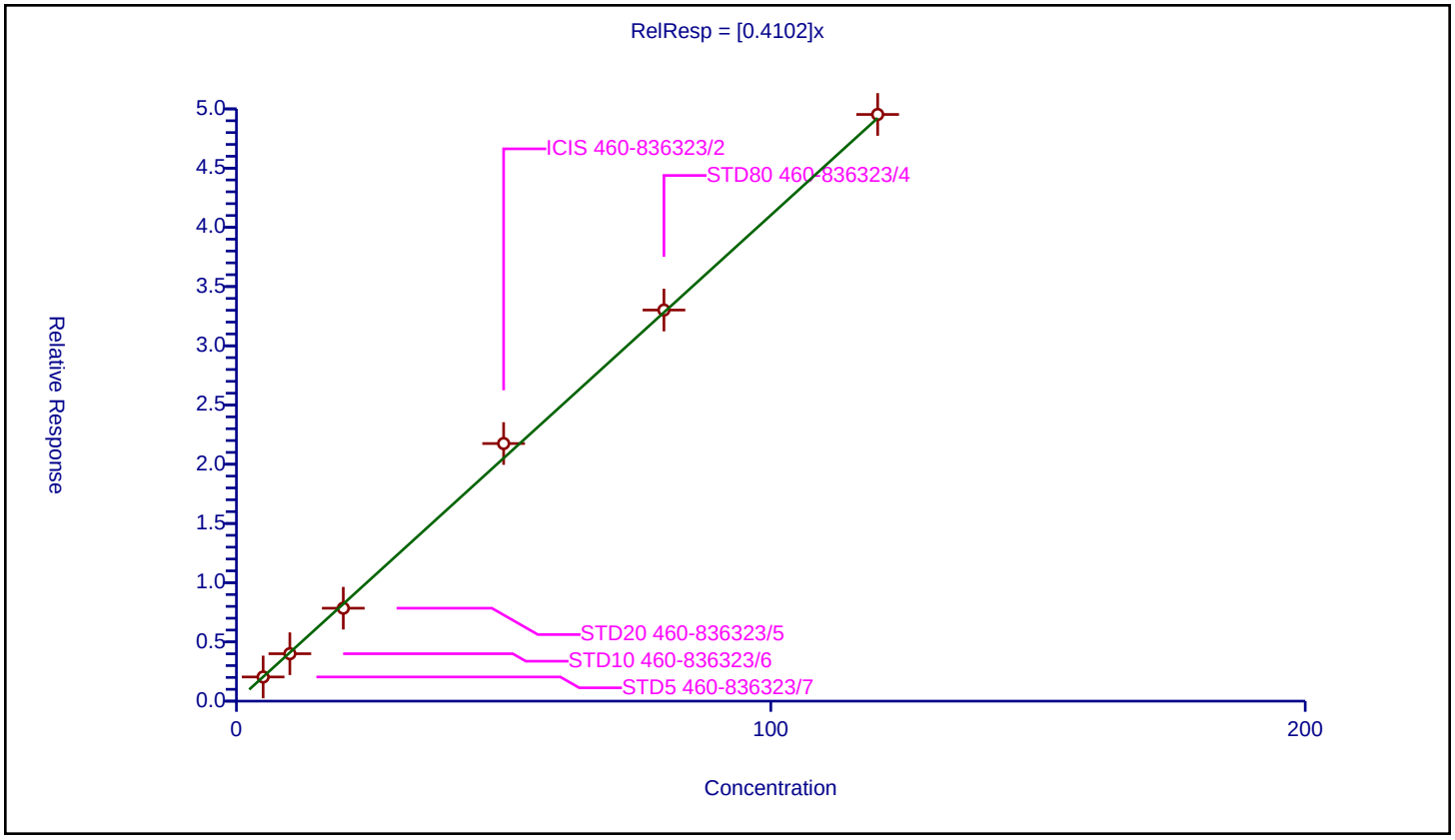
Curve Coefficients

Intercept:	0
Slope:	0.4102

Error Coefficients

Standard Error:	245000
Relative Standard Error:	3.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	2.04105	40.0	344411.0	0.40821	Y
2	STD10 460-836323/6	10.0	4.004378	40.0	364541.0	0.400438	Y
3	STD20 460-836323/5	20.0	7.846642	40.0	360985.0	0.392332	Y
4	ICIS 460-836323/2	50.0	21.74933	40.0	320214.0	0.434987	Y
5	STD80 460-836323/4	80.0	33.0194	40.0	352474.0	0.412743	Y
6	STD120 460-836323/3	120.0	49.531065	40.0	341305.0	0.412759	Y



Calibration / 2-Fluorobiphenyl

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

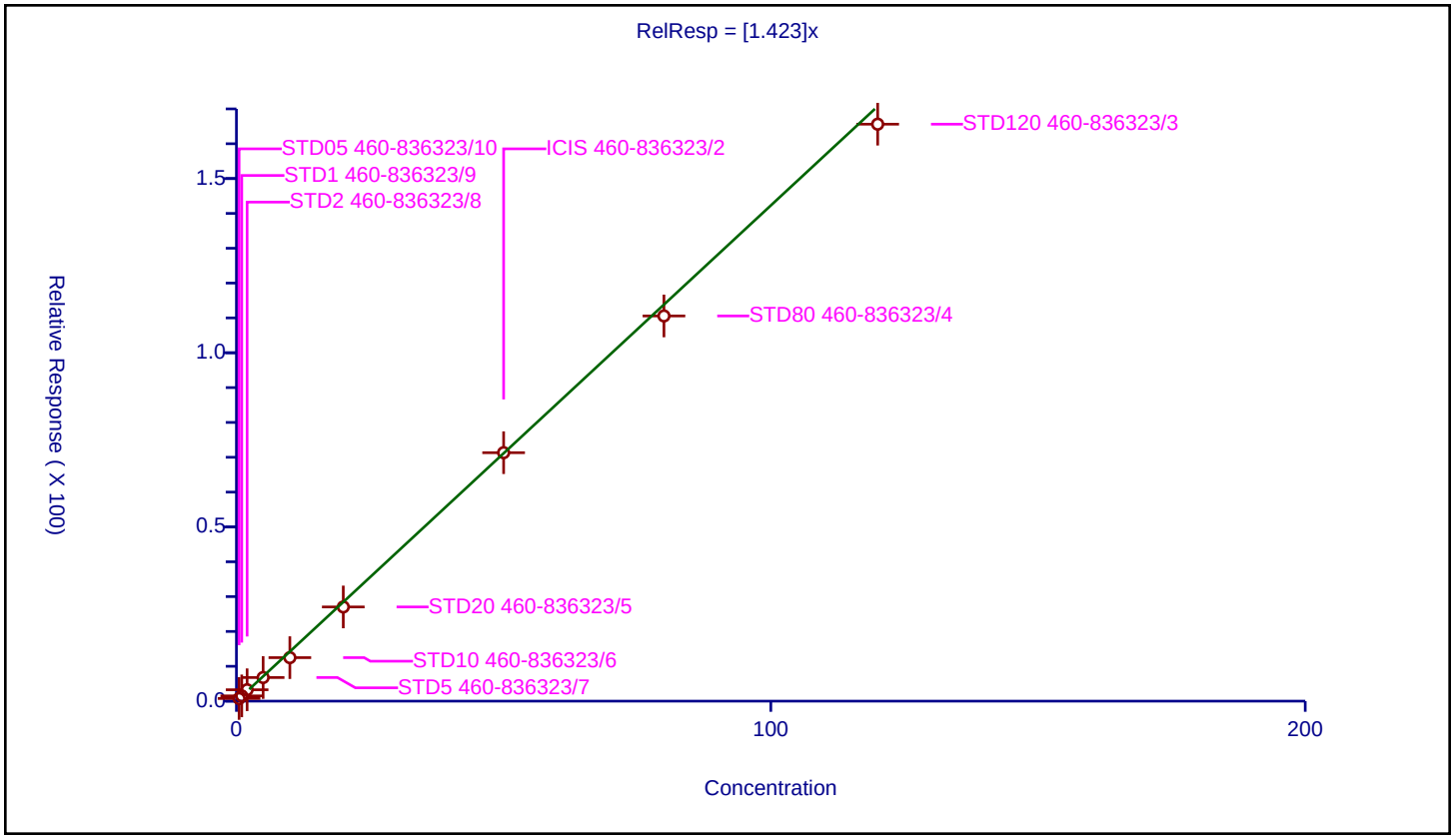
Curve Coefficients

Intercept:	0
Slope:	1.423

Error Coefficients

Standard Error:	647000
Relative Standard Error:	8.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836323/10	0.5	0.758626	40.0	335712.0	1.517253	Y
2	STD1 460-836323/9	1.0	1.506885	40.0	342030.0	1.506885	Y
3	STD2 460-836323/8	2.0	3.271884	40.0	341907.0	1.635942	Y
4	STD5 460-836323/7	5.0	6.780387	40.0	344411.0	1.356077	Y
5	STD10 460-836323/6	10.0	12.488252	40.0	364541.0	1.248825	Y
6	STD20 460-836323/5	20.0	27.03647	40.0	360985.0	1.351823	Y
7	ICIS 460-836323/2	50.0	71.315183	40.0	320214.0	1.426304	Y
8	STD80 460-836323/4	80.0	110.56373	40.0	352474.0	1.382047	Y
9	STD120 460-836323/3	120.0	165.612224	40.0	341305.0	1.380102	Y



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

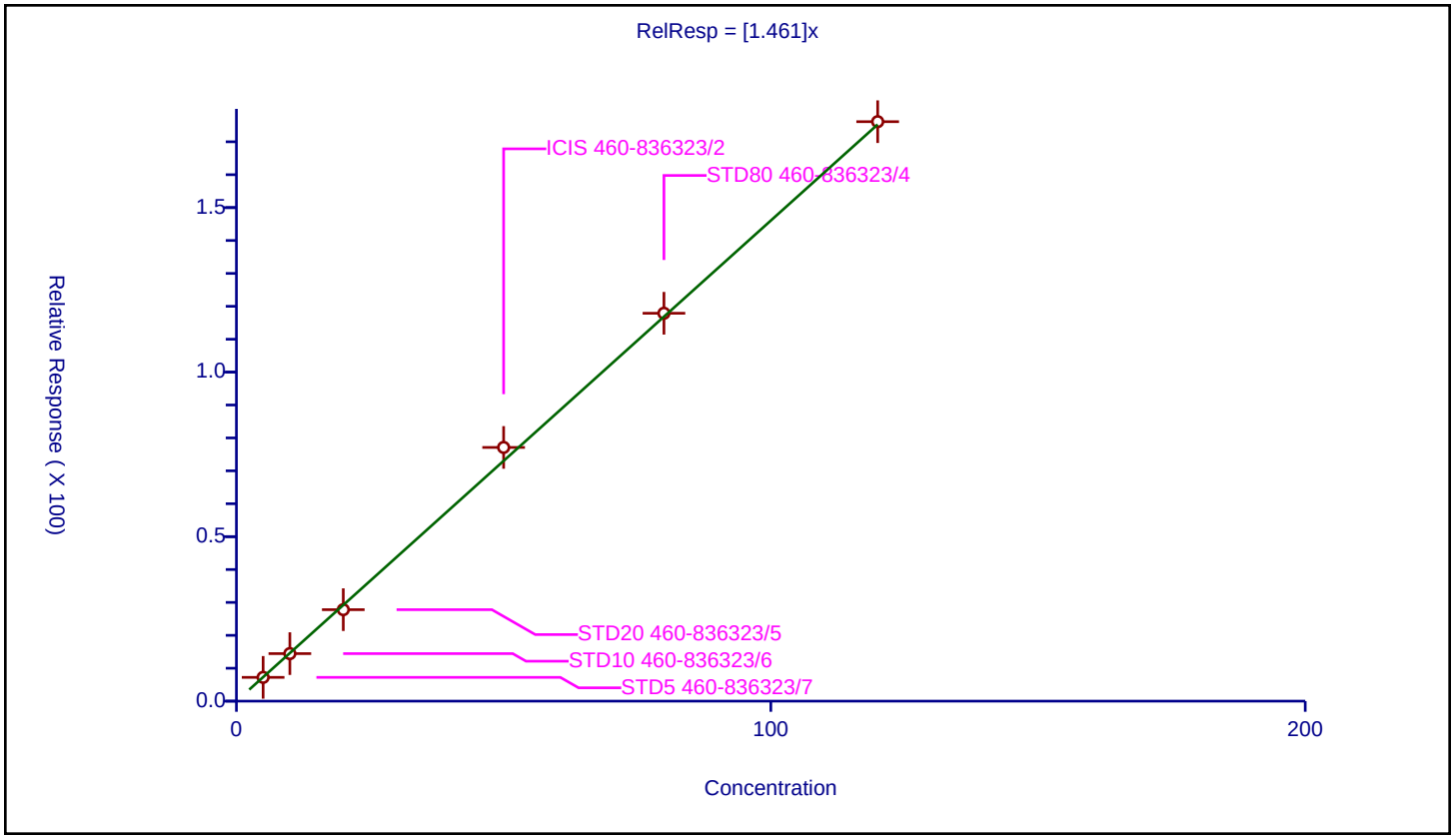
Curve Coefficients

Intercept:	0
Slope:	1.461

Error Coefficients

Standard Error:	872000
Relative Standard Error:	3.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	7.22625	40.0	344411.0	1.44525	Y
2	STD10 460-836323/6	10.0	14.448416	40.0	364541.0	1.444842	Y
3	STD20 460-836323/5	20.0	27.797942	40.0	360985.0	1.389897	Y
4	ICIS 460-836323/2	50.0	77.109058	40.0	320214.0	1.542181	Y
5	STD80 460-836323/4	80.0	117.886028	40.0	352474.0	1.473575	Y
6	STD120 460-836323/3	120.0	176.112627	40.0	341305.0	1.467605	Y



Calibration / 2-Chloronaphthalene

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

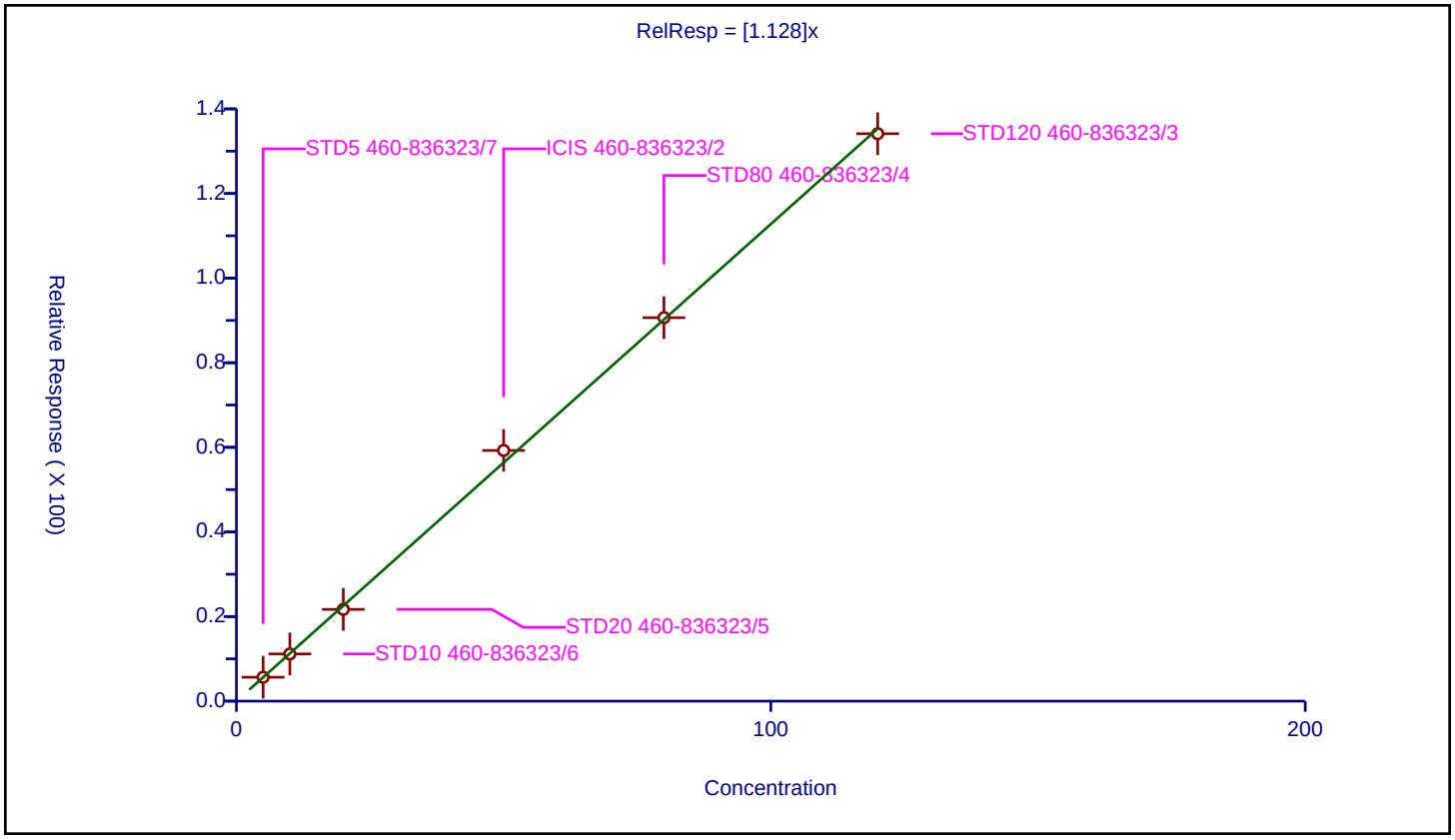
Curve Coefficients

Intercept:	0
Slope:	1.128

Error Coefficients

Standard Error:	667000
Relative Standard Error:	2.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	5.652665	40.0	344411.0	1.130533	Y
2	STD10 460-836323/6	10.0	11.150131	40.0	364541.0	1.115013	Y
3	STD20 460-836323/5	20.0	21.686441	40.0	360985.0	1.084322	Y
4	ICIS 460-836323/2	50.0	59.263118	40.0	320214.0	1.185262	Y
5	STD80 460-836323/4	80.0	90.644076	40.0	352474.0	1.133051	Y
6	STD120 460-836323/3	120.0	134.133165	40.0	341305.0	1.117776	Y



Calibration / Phenyl ether

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

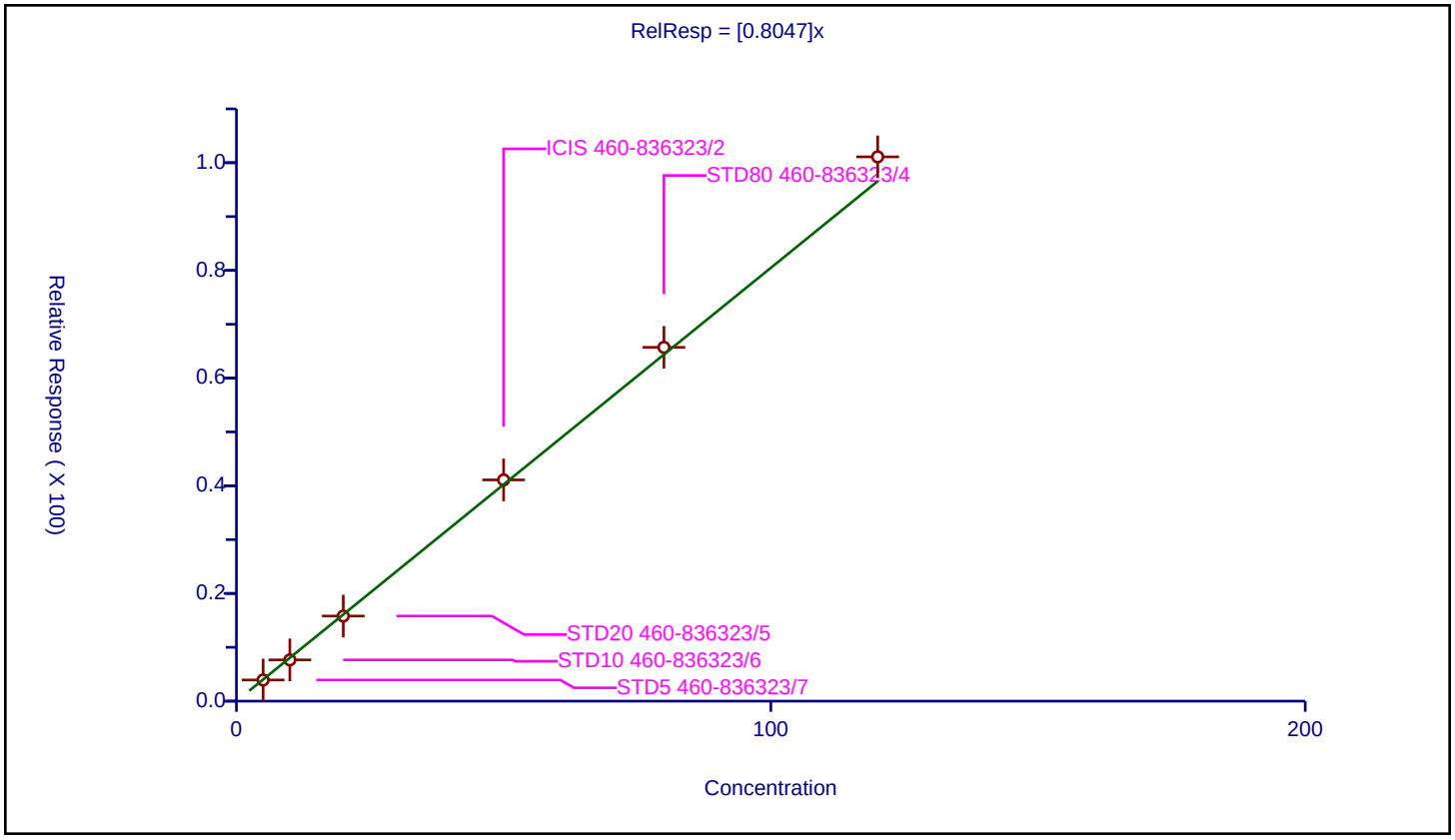
Curve Coefficients

Intercept:	0
Slope:	0.8047

Error Coefficients

Standard Error:	493000
Relative Standard Error:	3.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	3.932395	40.0	344411.0	0.786479	Y
2	STD10 460-836323/6	10.0	7.660263	40.0	364541.0	0.766026	Y
3	STD20 460-836323/5	20.0	15.806086	40.0	360985.0	0.790304	Y
4	ICIS 460-836323/2	50.0	41.090021	40.0	320214.0	0.8218	Y
5	STD80 460-836323/4	80.0	65.712308	40.0	352474.0	0.821404	Y
6	STD120 460-836323/3	120.0	101.089758	40.0	341305.0	0.842415	Y



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

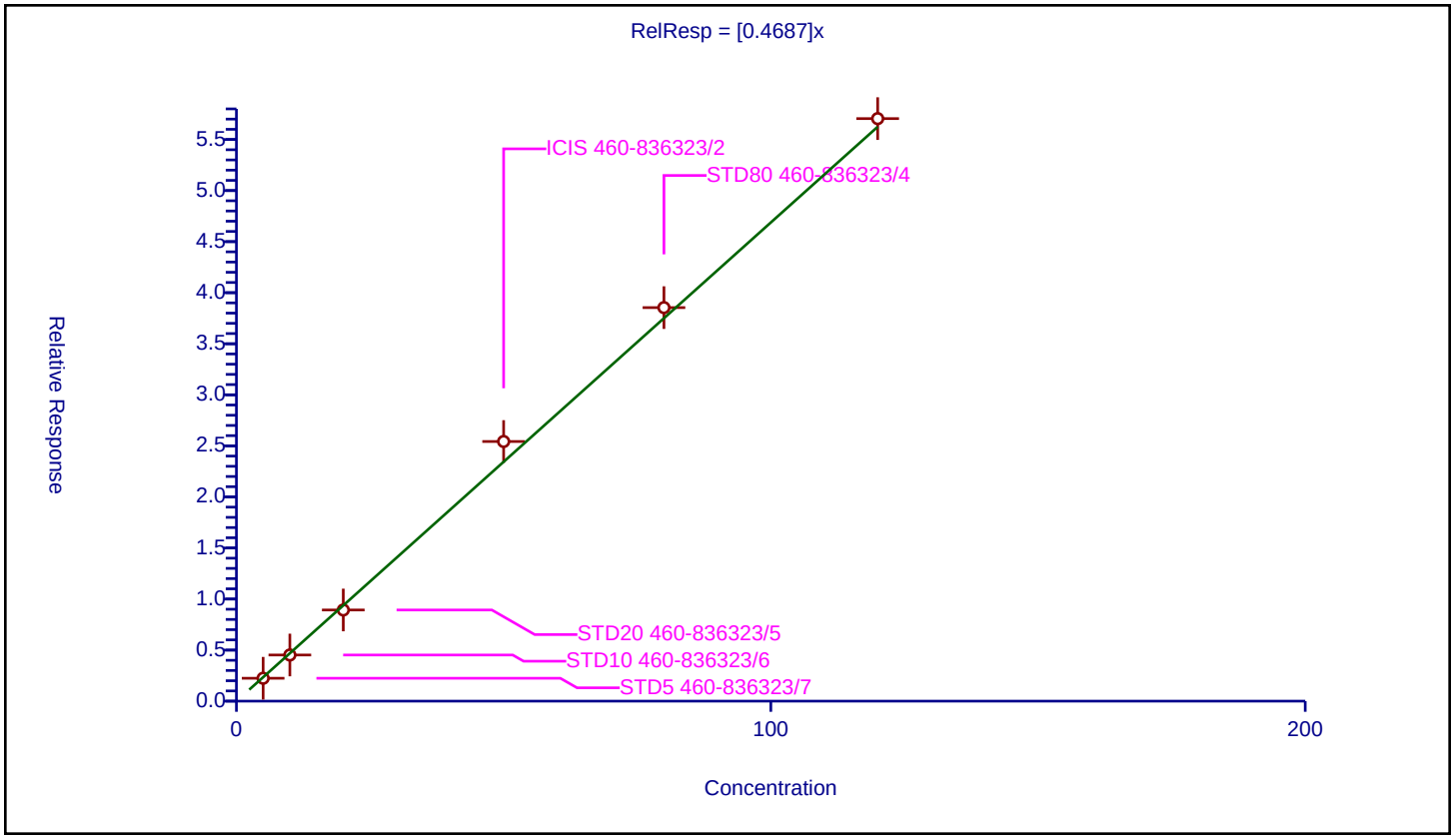
Curve Coefficients

Intercept:	0
Slope:	0.4687

Error Coefficients

Standard Error:	284000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	2.242205	40.0	344411.0	0.448441	Y
2	STD10 460-836323/6	10.0	4.519766	40.0	364541.0	0.451977	Y
3	STD20 460-836323/5	20.0	8.926243	40.0	360985.0	0.446312	Y
4	ICIS 460-836323/2	50.0	25.427246	40.0	320214.0	0.508545	Y
5	STD80 460-836323/4	80.0	38.538218	40.0	352474.0	0.481728	Y
6	STD120 460-836323/3	120.0	57.047392	40.0	341305.0	0.475395	Y



Calibration / 1,3-Dimethylnaphthalene

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

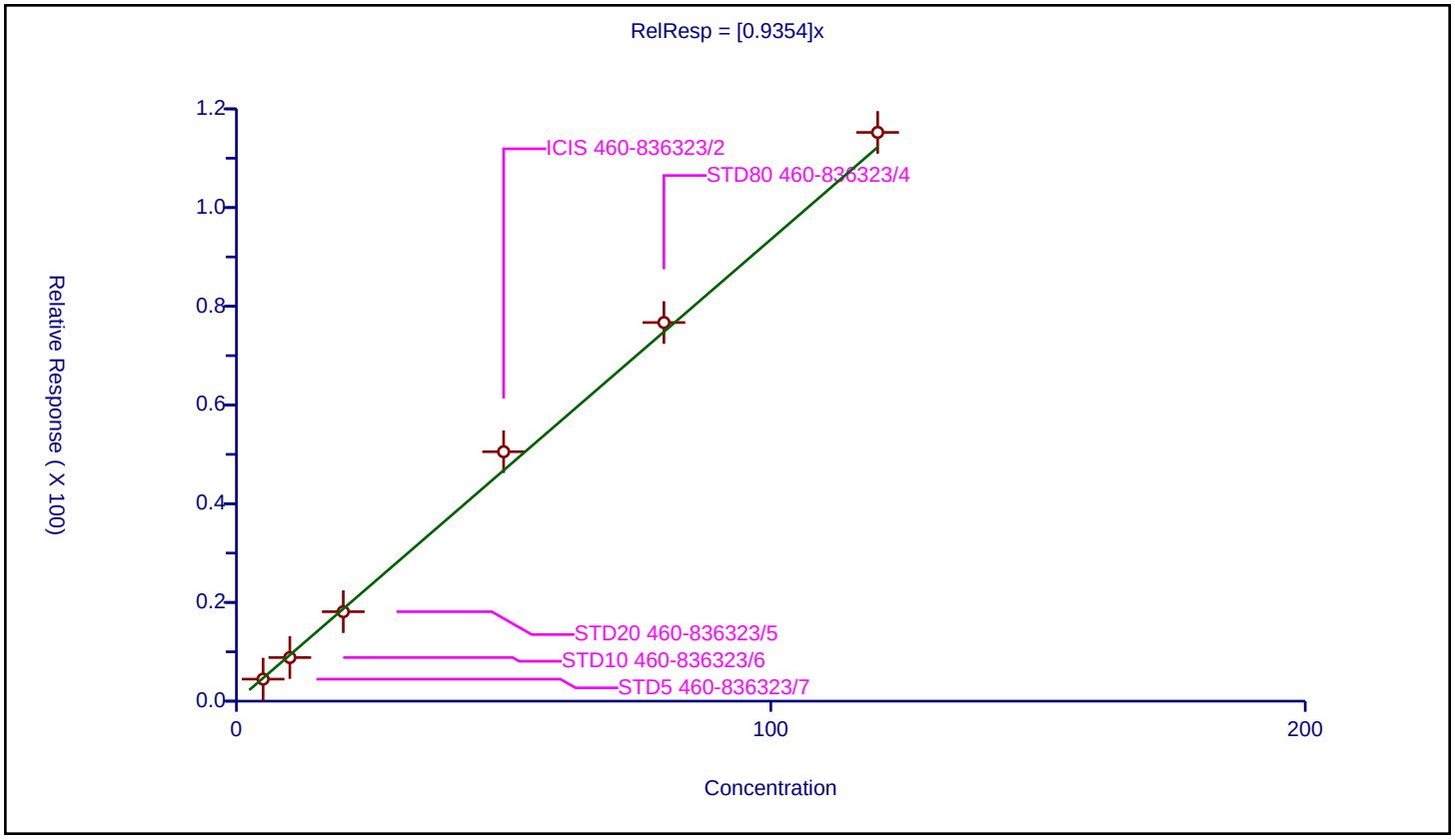
Curve Coefficients

Intercept:	0
Slope:	0.9354

Error Coefficients

Standard Error:	570000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	4.464782	40.0	344411.0	0.892956	Y
2	STD10 460-836323/6	10.0	8.834013	40.0	364541.0	0.883401	Y
3	STD20 460-836323/5	20.0	18.122415	40.0	360985.0	0.906121	Y
4	ICIS 460-836323/2	50.0	50.53508	40.0	320214.0	1.010702	Y
5	STD80 460-836323/4	80.0	76.712155	40.0	352474.0	0.958902	Y
6	STD120 460-836323/3	120.0	115.23312	40.0	341305.0	0.960276	Y



Calibration / Dimethyl phthalate

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

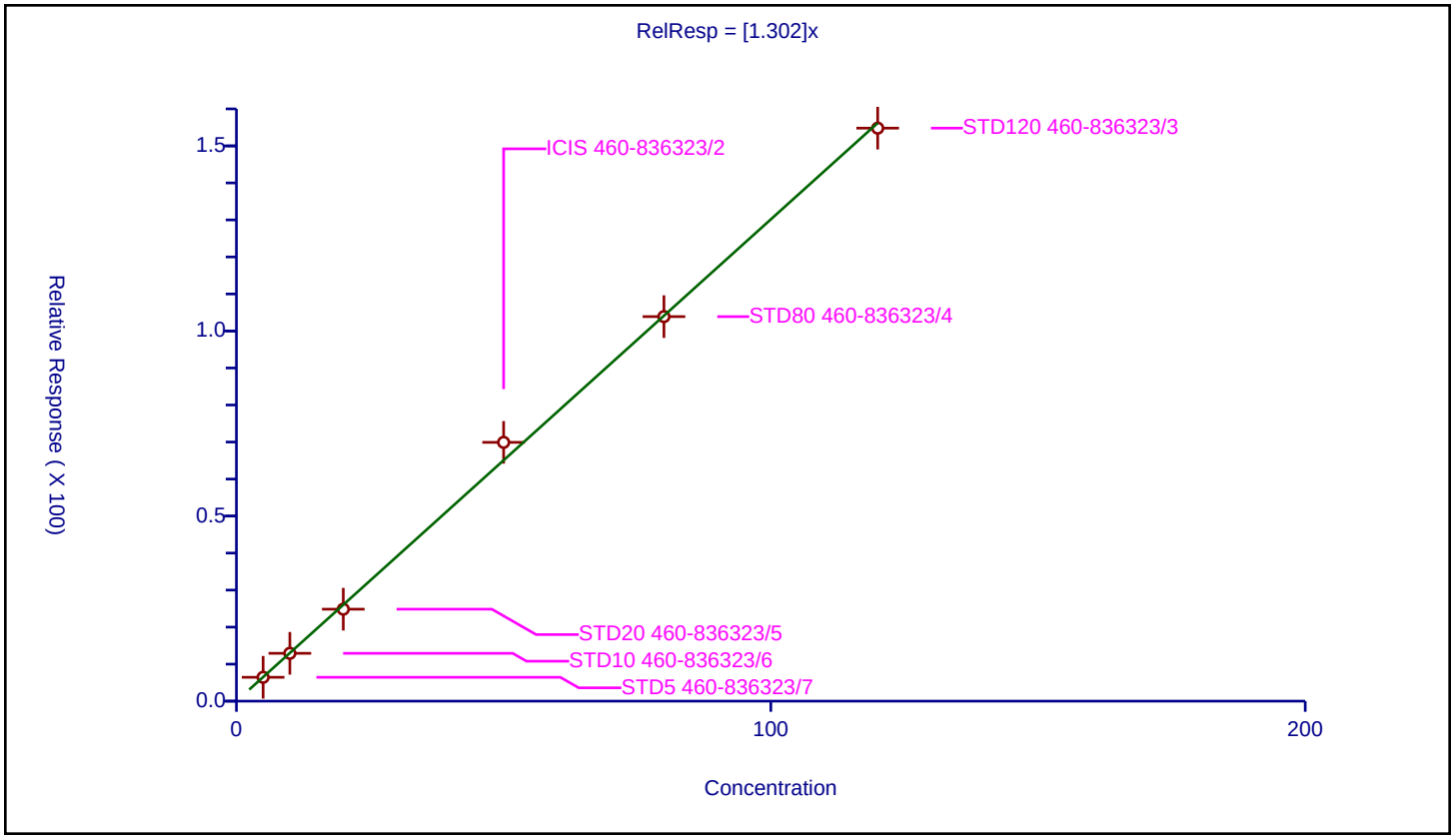
Curve Coefficients

Intercept:	0
Slope:	1.302

Error Coefficients

Standard Error:	770000
Relative Standard Error:	4.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	6.441025	40.0	344411.0	1.288205	Y
2	STD10 460-836323/6	10.0	12.921674	40.0	364541.0	1.292167	Y
3	STD20 460-836323/5	20.0	24.840257	40.0	360985.0	1.242013	Y
4	ICIS 460-836323/2	50.0	69.912871	40.0	320214.0	1.398257	Y
5	STD80 460-836323/4	80.0	103.879776	40.0	352474.0	1.298497	Y
6	STD120 460-836323/3	120.0	154.796209	40.0	341305.0	1.289968	Y



Calibration / Coumarin

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

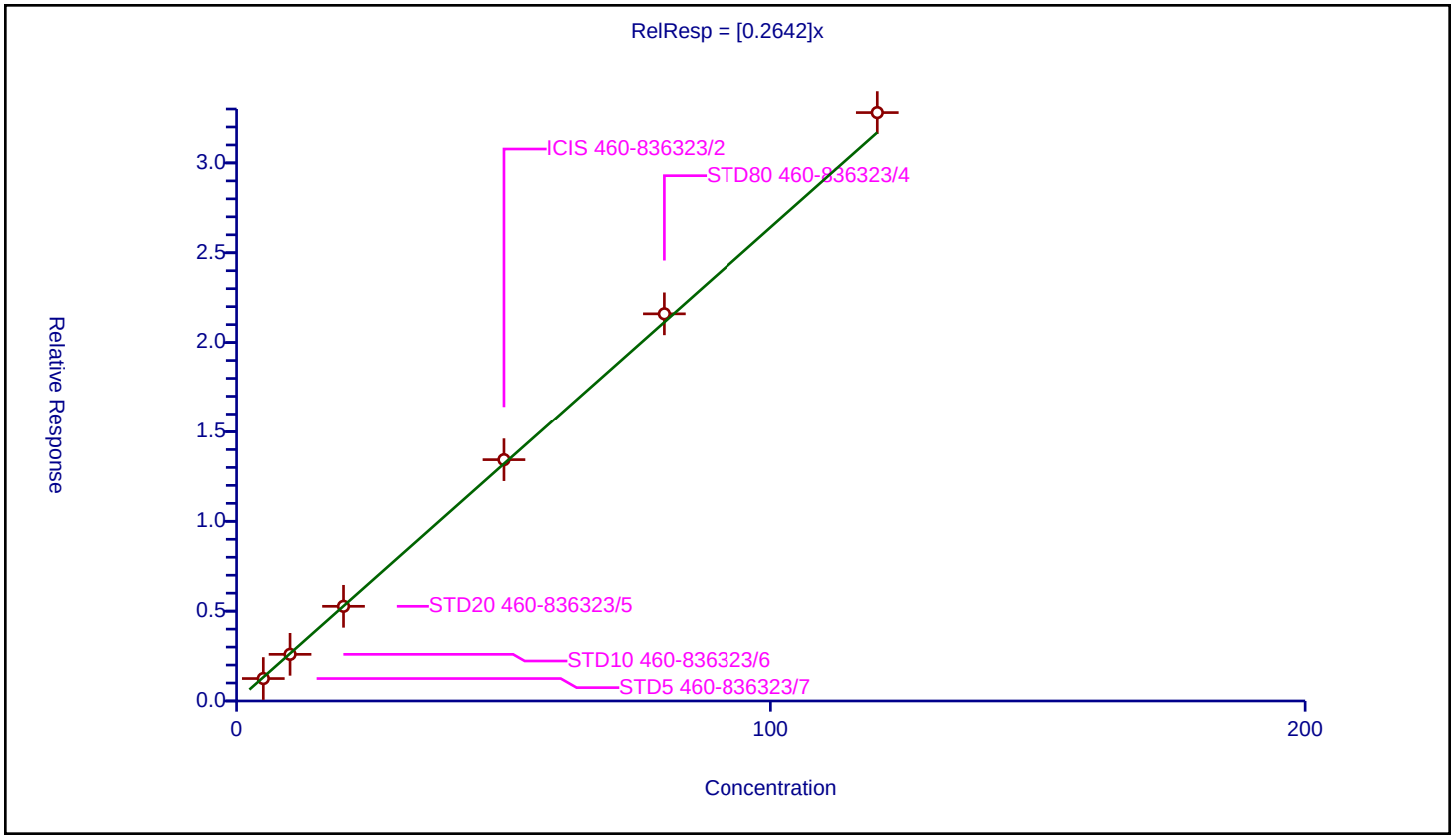
Curve Coefficients

Intercept:	0
Slope:	0.2642

Error Coefficients

Standard Error:	279000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	1.249182	40.0	580604.0	0.249836	Y
2	STD10 460-836323/6	10.0	2.596208	40.0	608164.0	0.259621	Y
3	STD20 460-836323/5	20.0	5.269678	40.0	608690.0	0.263484	Y
4	ICIS 460-836323/2	50.0	13.432485	40.0	587248.0	0.26865	Y
5	STD80 460-836323/4	80.0	21.601513	40.0	609561.0	0.270019	Y
6	STD120 460-836323/3	120.0	32.800939	40.0	588110.0	0.273341	Y



Calibration / 2,6-Dinitrotoluene

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

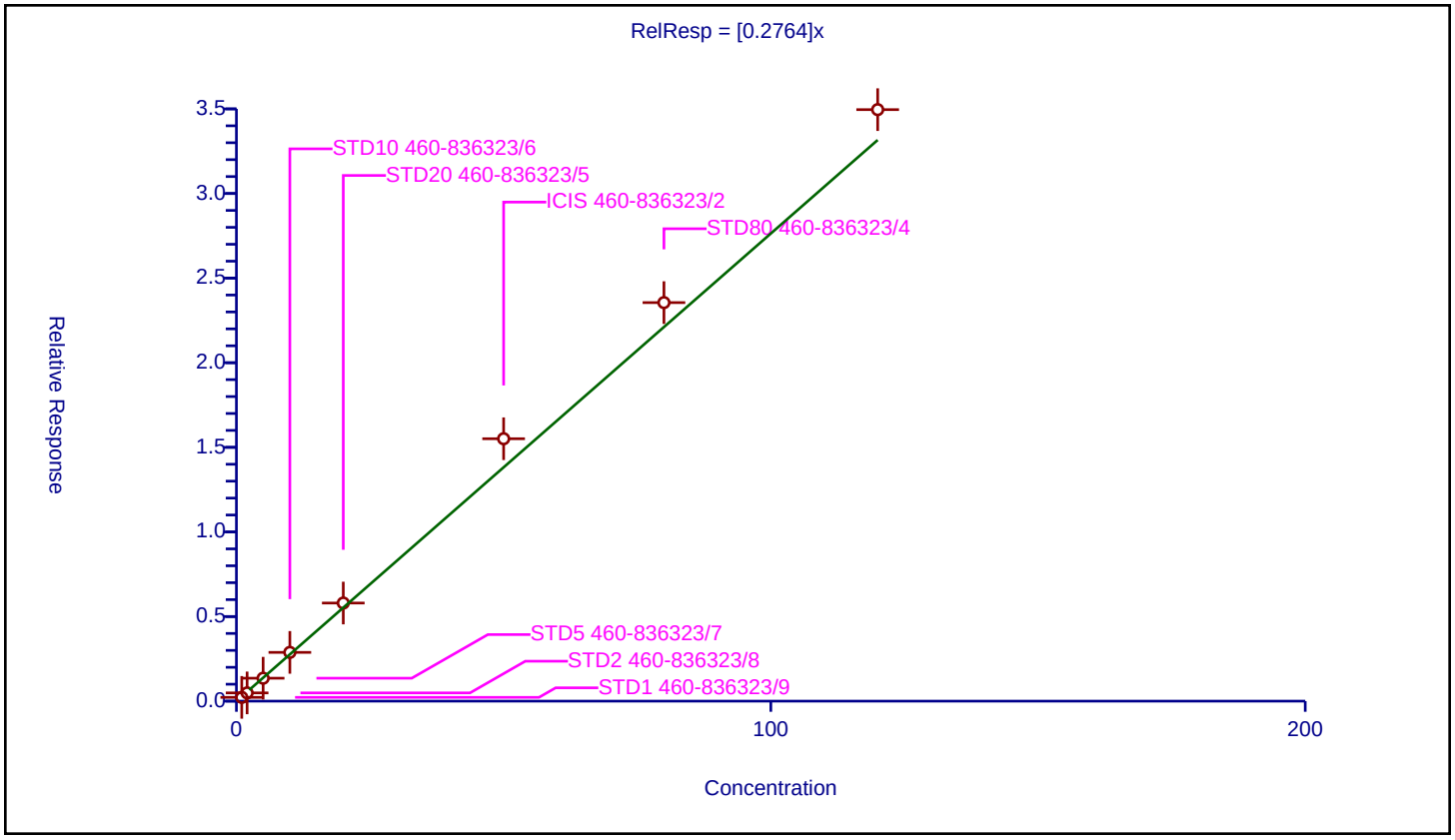
Curve Coefficients

Intercept:	0
Slope:	0.2764

Error Coefficients

Standard Error:	147000
Relative Standard Error:	10.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-836323/9	1.0	0.222086	40.0	342030.0	0.222086	Y
2	STD2 460-836323/8	2.0	0.487384	40.0	341907.0	0.243692	Y
3	STD5 460-836323/7	5.0	1.35559	40.0	344411.0	0.271118	Y
4	STD10 460-836323/6	10.0	2.881871	40.0	364541.0	0.288187	Y
5	STD20 460-836323/5	20.0	5.797692	40.0	360985.0	0.289885	Y
6	ICIS 460-836323/2	50.0	15.507005	40.0	320214.0	0.31014	Y
7	STD80 460-836323/4	80.0	23.552602	40.0	352474.0	0.294408	Y
8	STD120 460-836323/3	120.0	34.955363	40.0	341305.0	0.291295	Y



Calibration / Acenaphthylene

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

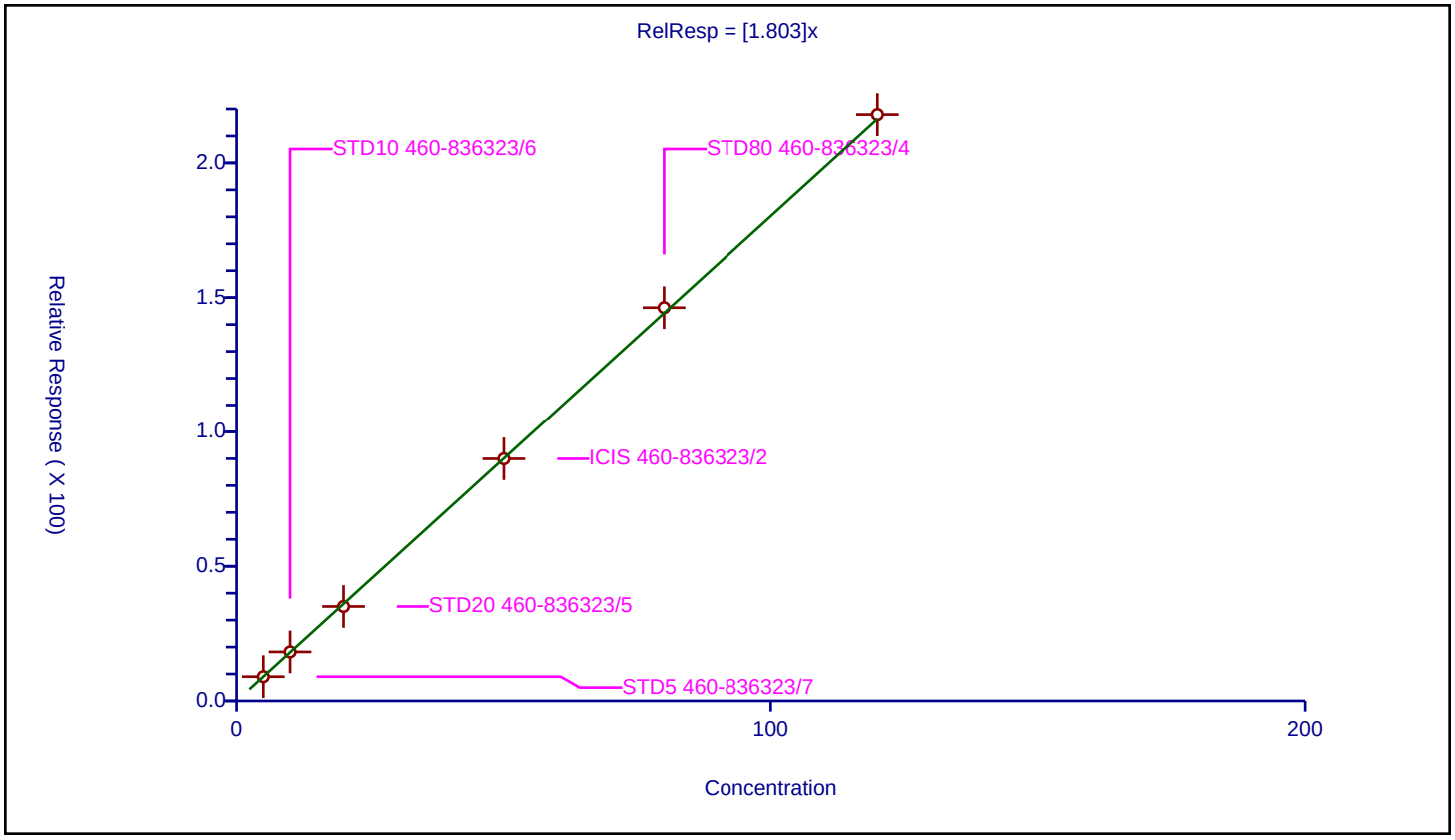
Curve Coefficients

Intercept:	0
Slope:	1.803

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	1.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	8.999016	40.0	344411.0	1.799803	Y
2	STD10 460-836323/6	10.0	18.20119	40.0	364541.0	1.820119	Y
3	STD20 460-836323/5	20.0	35.065391	40.0	360985.0	1.75327	Y
4	ICIS 460-836323/2	50.0	89.97333	40.0	320214.0	1.799467	Y
5	STD80 460-836323/4	80.0	146.264973	40.0	352474.0	1.828312	Y
6	STD120 460-836323/3	120.0	217.920394	40.0	341305.0	1.816003	Y



Calibration / 3-Nitroaniline

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

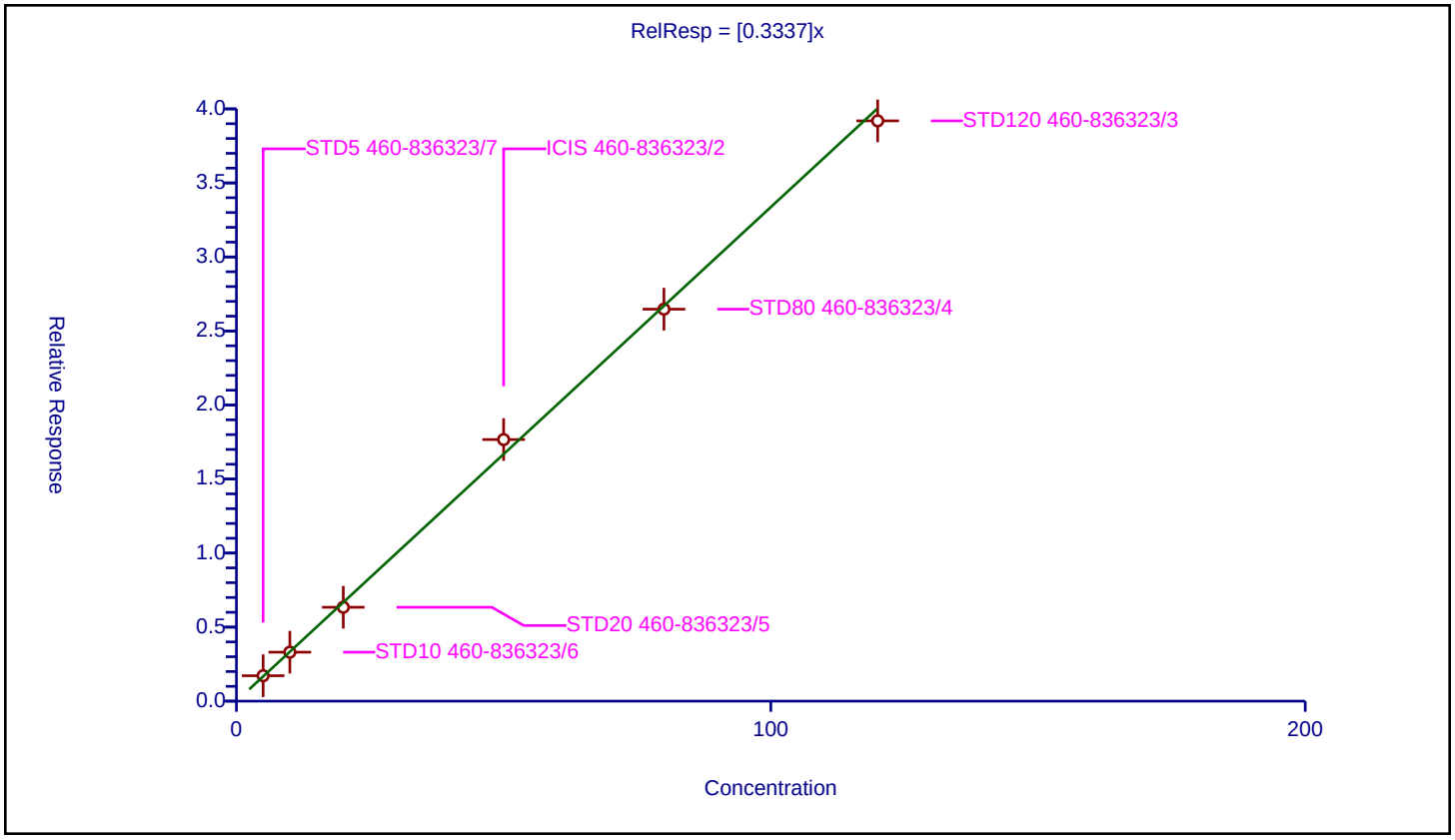
Curve Coefficients

Intercept:	0
Slope:	0.3337

Error Coefficients

Standard Error:	195000
Relative Standard Error:	3.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	1.717367	40.0	344411.0	0.343473	Y
2	STD10 460-836323/6	10.0	3.307282	40.0	364541.0	0.330728	Y
3	STD20 460-836323/5	20.0	6.339986	40.0	360985.0	0.316999	Y
4	ICIS 460-836323/2	50.0	17.666436	40.0	320214.0	0.353329	Y
5	STD80 460-836323/4	80.0	26.472988	40.0	352474.0	0.330912	Y
6	STD120 460-836323/3	120.0	39.191574	40.0	341305.0	0.326596	Y



Calibration / Acenaphthene

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

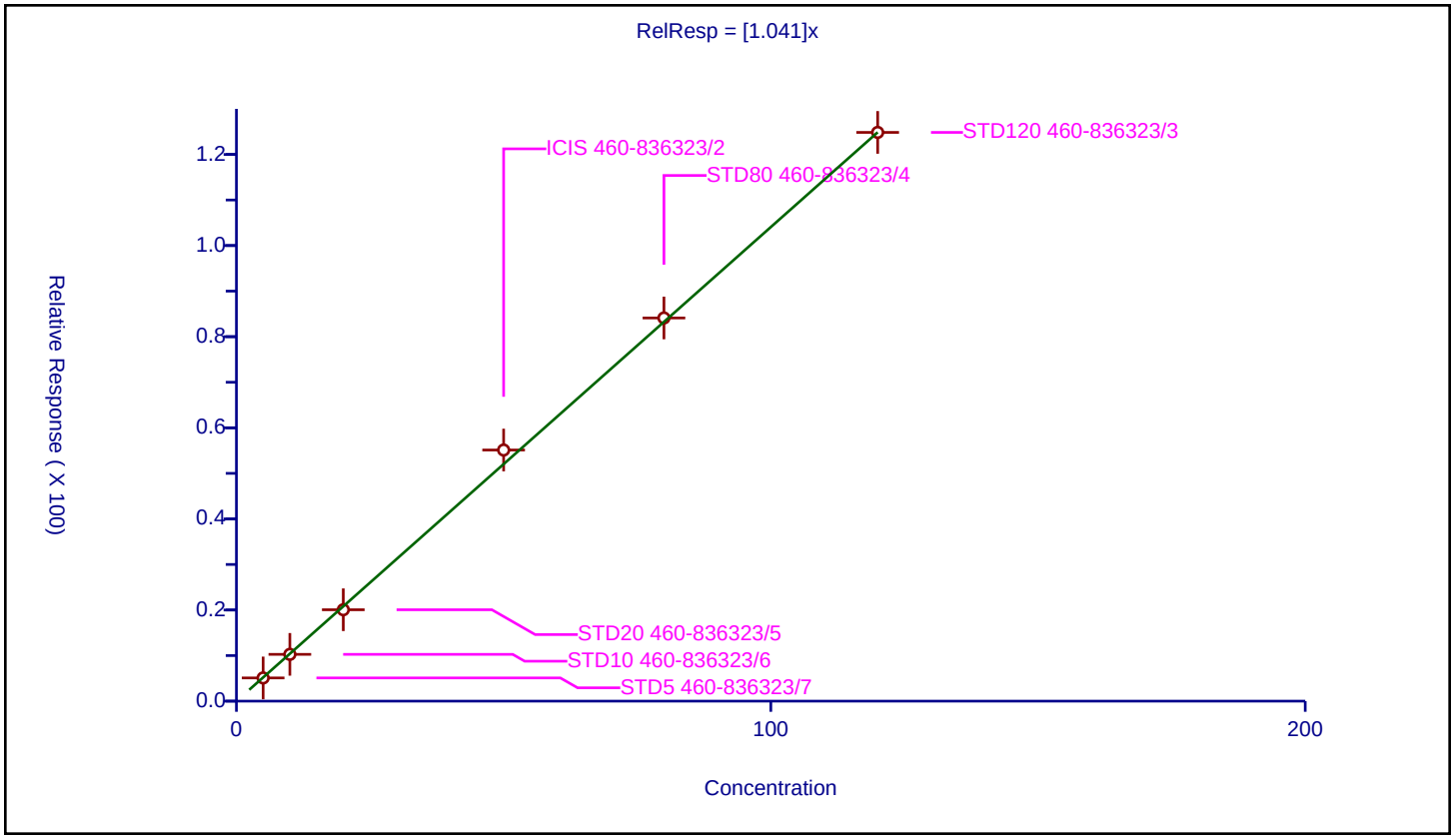
Curve Coefficients

Intercept:	0
Slope:	1.041

Error Coefficients

Standard Error:	620000
Relative Standard Error:	3.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	5.097747	40.0	344411.0	1.019549	Y
2	STD10 460-836323/6	10.0	10.26639	40.0	364541.0	1.026639	Y
3	STD20 460-836323/5	20.0	20.064213	40.0	360985.0	1.003211	Y
4	ICIS 460-836323/2	50.0	55.120388	40.0	320214.0	1.102408	Y
5	STD80 460-836323/4	80.0	84.10731	40.0	352474.0	1.051341	Y
6	STD120 460-836323/3	120.0	124.84048	40.0	341305.0	1.040337	Y



Calibration / 3,5-di-tert-butyl-4-hydroxytol

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

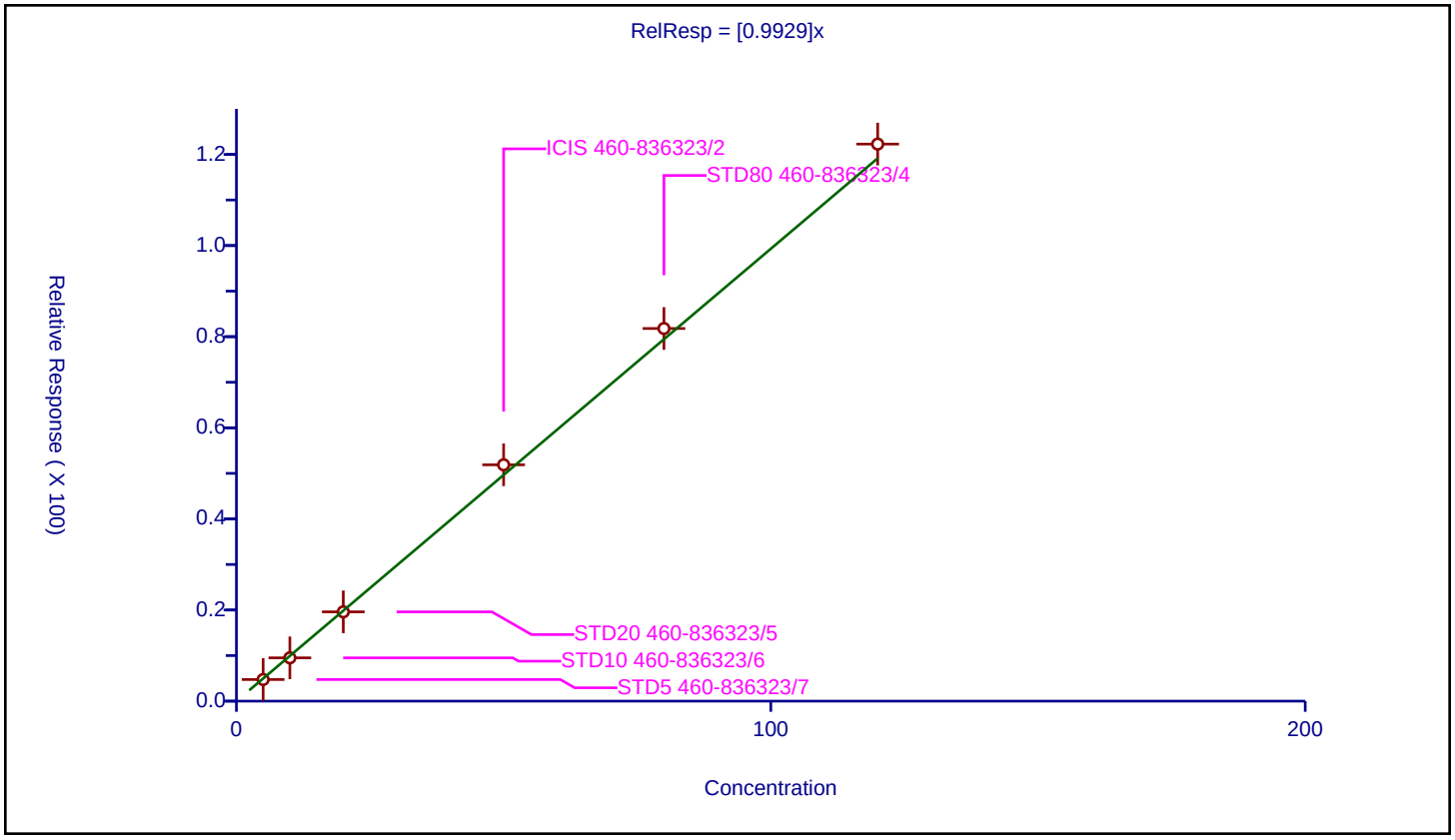
Curve Coefficients

Intercept:	0
Slope:	0.9929

Error Coefficients

Standard Error:	603000
Relative Standard Error:	3.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	4.741544	40.0	344411.0	0.948309	Y
2	STD10 460-836323/6	10.0	9.503238	40.0	364541.0	0.950324	Y
3	STD20 460-836323/5	20.0	19.600593	40.0	360985.0	0.98003	Y
4	ICIS 460-836323/2	50.0	51.879306	40.0	320214.0	1.037586	Y
5	STD80 460-836323/4	80.0	81.796672	40.0	352474.0	1.022458	Y
6	STD120 460-836323/3	120.0	122.27597	40.0	341305.0	1.018966	Y



Calibration / 2,4-Dinitrophenol

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

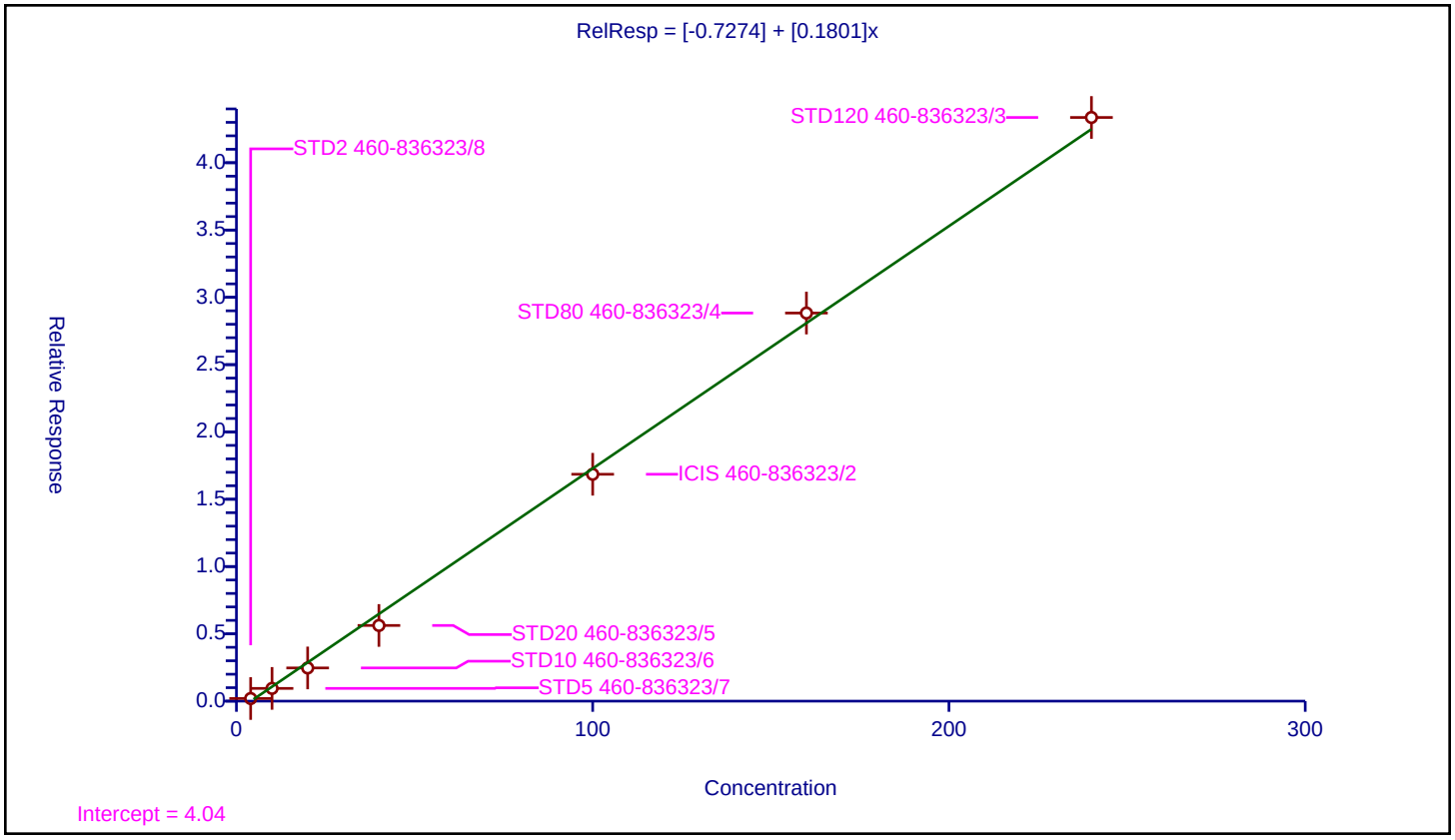
Curve Coefficients

Intercept:	-0.7274
Slope:	0.1801

Error Coefficients

Standard Error:	211000
Relative Standard Error:	15.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-836323/8	4.0	0.19479	40.0	341907.0	0.048697	Y
2	STD5 460-836323/7	10.0	0.946079	40.0	344411.0	0.094608	Y
3	STD10 460-836323/6	20.0	2.466554	40.0	364541.0	0.123328	Y
4	STD20 460-836323/5	40.0	5.622838	40.0	360985.0	0.140571	Y
5	ICIS 460-836323/2	100.0	16.855478	40.0	320214.0	0.168555	Y
6	STD80 460-836323/4	160.0	28.832538	40.0	352474.0	0.180203	Y
7	STD120 460-836323/3	240.0	43.36192	40.0	341305.0	0.180675	Y



Calibration / 4-Nitrophenol

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

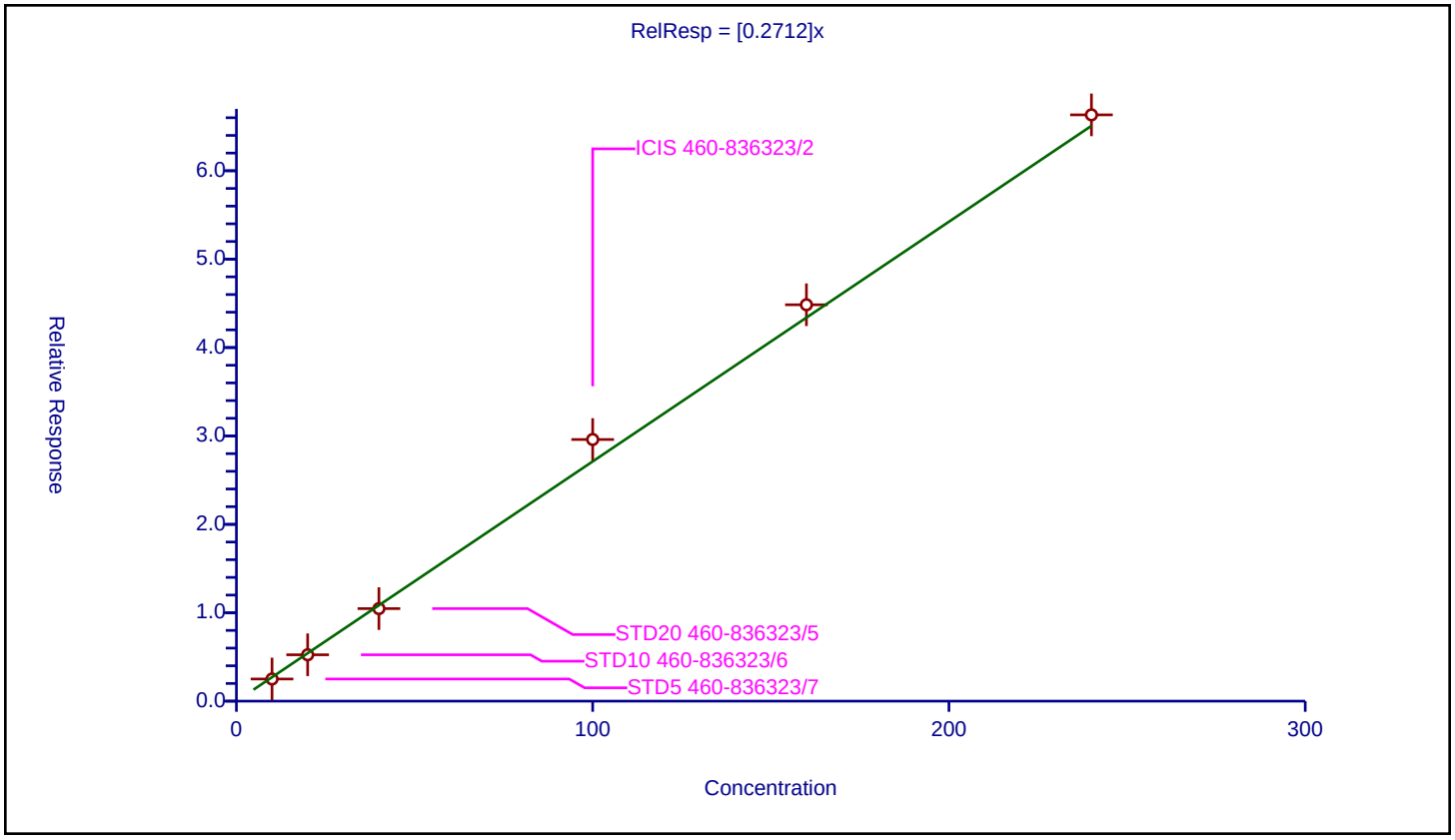
Curve Coefficients

Intercept:	0
Slope:	0.2712

Error Coefficients

Standard Error:	330000
Relative Standard Error:	6.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	10.0	2.504682	40.0	344411.0	0.250468	Y
2	STD10 460-836323/6	20.0	5.243964	40.0	364541.0	0.262198	Y
3	STD20 460-836323/5	40.0	10.470241	40.0	360985.0	0.261756	Y
4	ICIS 460-836323/2	100.0	29.597582	40.0	320214.0	0.295976	Y
5	STD80 460-836323/4	160.0	44.841095	40.0	352474.0	0.280257	Y
6	STD120 460-836323/3	240.0	66.324373	40.0	341305.0	0.276352	Y



Calibration / 2,4-Dinitrotoluene

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

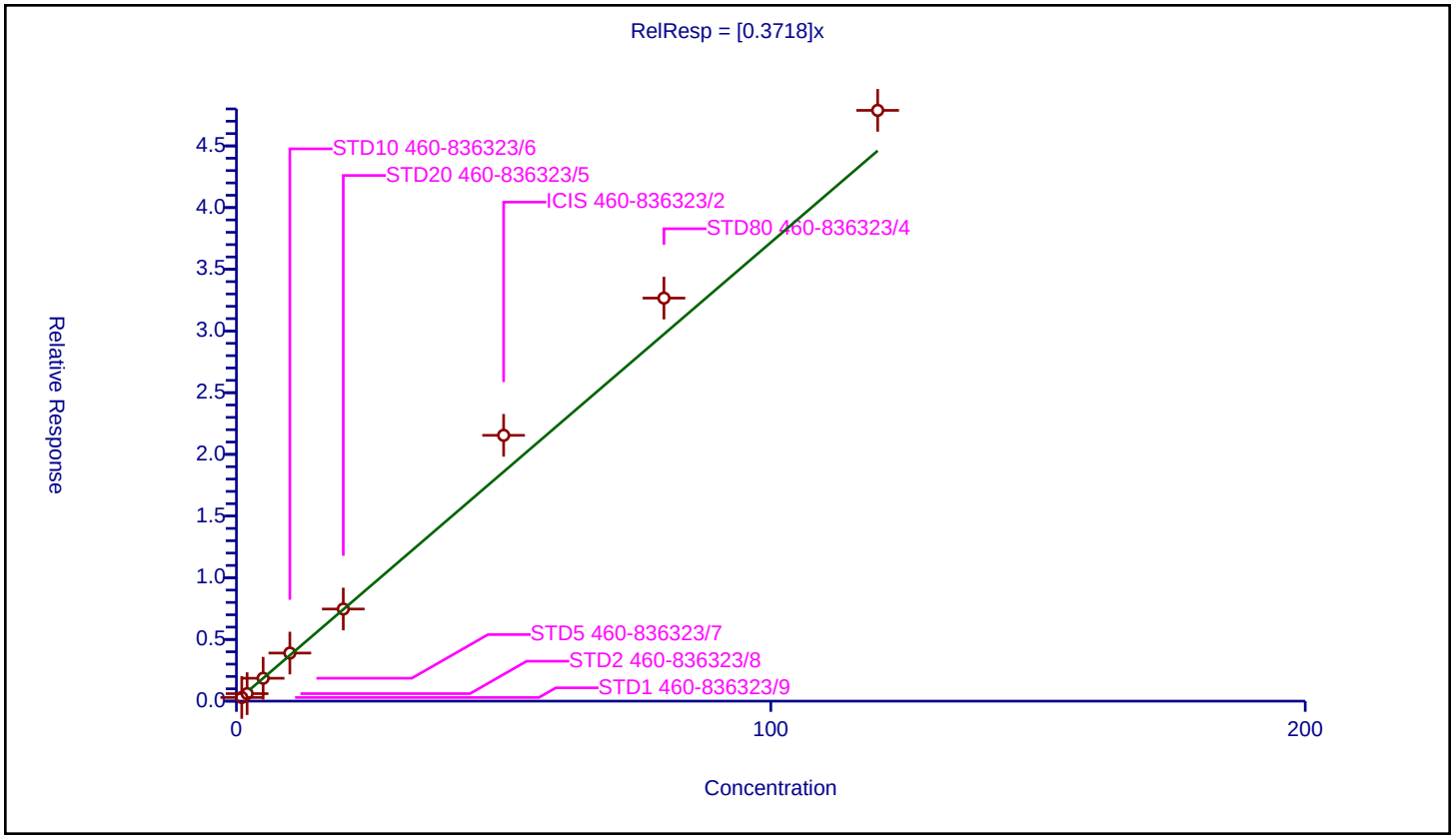
Curve Coefficients

Intercept:	0
Slope:	0.3718

Error Coefficients

Standard Error:	202000
Relative Standard Error:	12.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-836323/9	1.0	0.297635	40.0	342030.0	0.297635	Y
2	STD2 460-836323/8	2.0	0.608002	40.0	341907.0	0.304001	Y
3	STD5 460-836323/7	5.0	1.855341	40.0	344411.0	0.371068	Y
4	STD10 460-836323/6	10.0	3.898272	40.0	364541.0	0.389827	Y
5	STD20 460-836323/5	20.0	7.465684	40.0	360985.0	0.373284	Y
6	ICIS 460-836323/2	50.0	21.544842	40.0	320214.0	0.430897	Y
7	STD80 460-836323/4	80.0	32.665672	40.0	352474.0	0.408321	Y
8	STD120 460-836323/3	120.0	47.881514	40.0	341305.0	0.399013	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

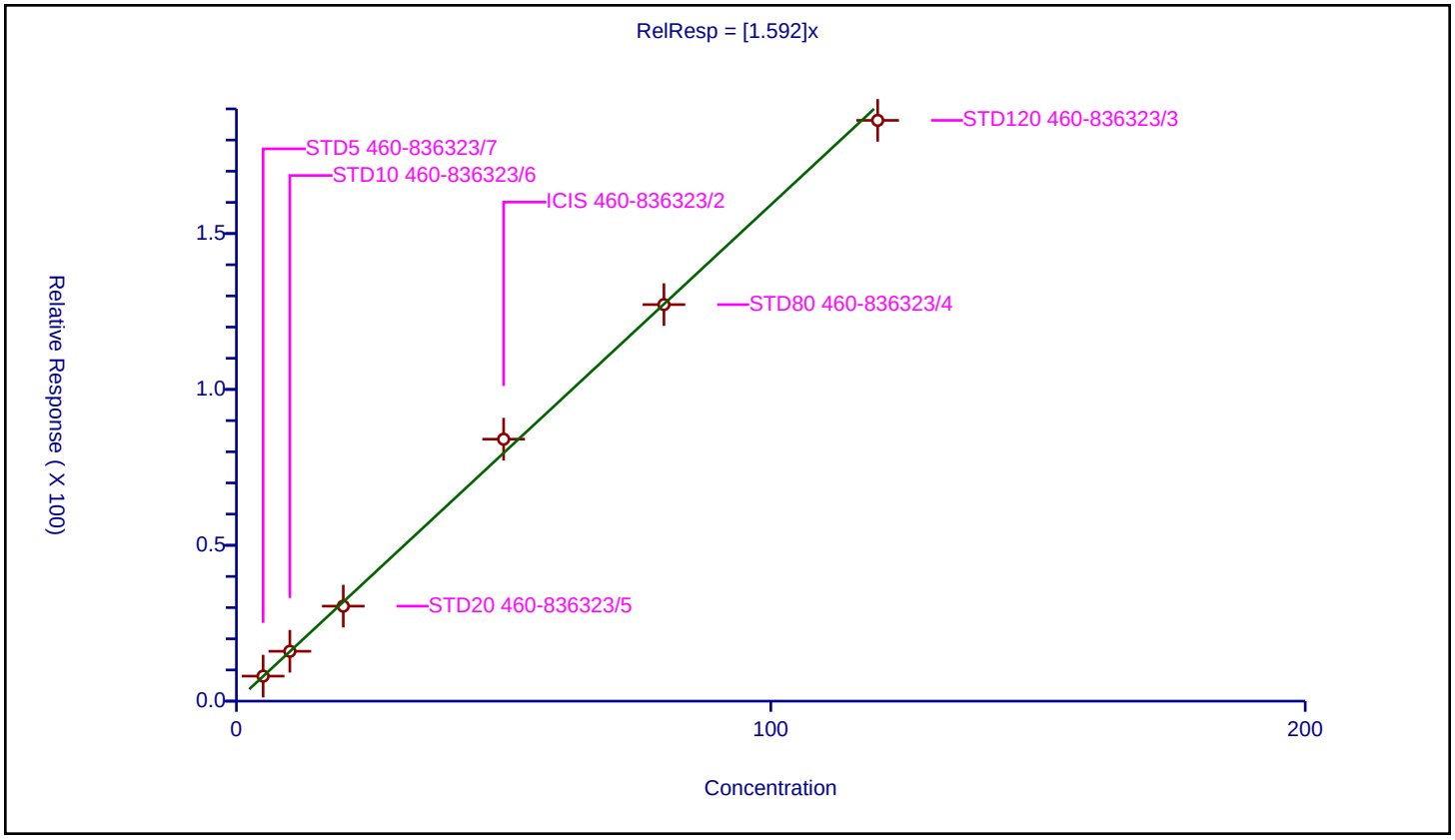
Curve Coefficients

Intercept:	0
Slope:	1.592

Error Coefficients

Standard Error:	931000
Relative Standard Error:	3.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	8.028431	40.0	344411.0	1.605686	Y
2	STD10 460-836323/6	10.0	15.998091	40.0	364541.0	1.599809	Y
3	STD20 460-836323/5	20.0	30.472291	40.0	360985.0	1.523615	Y
4	ICIS 460-836323/2	50.0	84.037175	40.0	320214.0	1.680744	Y
5	STD80 460-836323/4	80.0	127.215284	40.0	352474.0	1.590191	Y
6	STD120 460-836323/3	120.0	186.320974	40.0	341305.0	1.552675	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

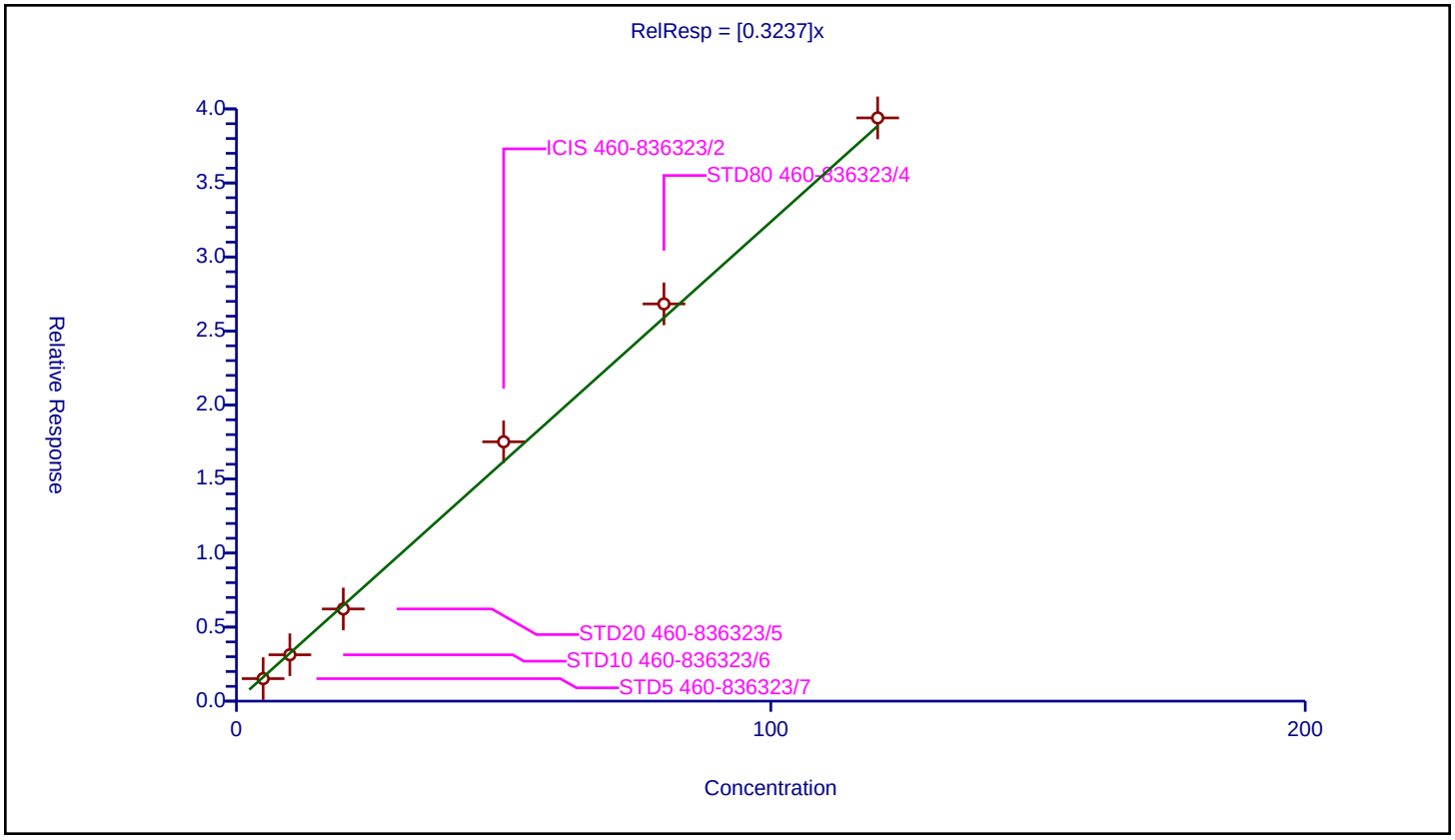
Curve Coefficients

Intercept:	0
Slope:	0.3237

Error Coefficients

Standard Error:	196000
Relative Standard Error:	5.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	1.51958	40.0	344411.0	0.303916	Y
2	STD10 460-836323/6	10.0	3.1315	40.0	364541.0	0.31315	Y
3	STD20 460-836323/5	20.0	6.225079	40.0	360985.0	0.311254	Y
4	ICIS 460-836323/2	50.0	17.516911	40.0	320214.0	0.350338	Y
5	STD80 460-836323/4	80.0	26.828646	40.0	352474.0	0.335358	Y
6	STD120 460-836323/3	120.0	39.392332	40.0	341305.0	0.328269	Y



Calibration / Diethyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

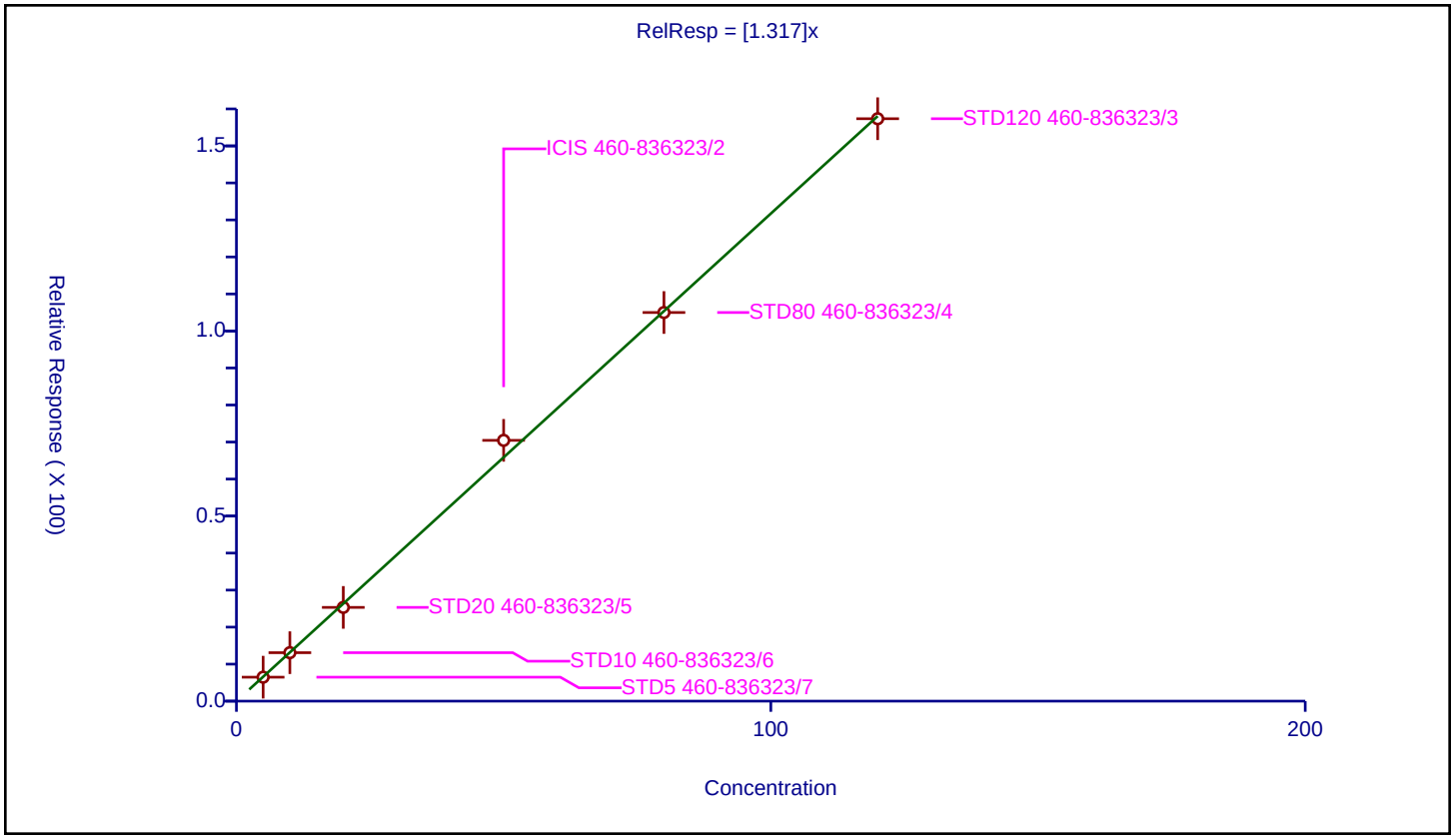
Curve Coefficients

Intercept:	0
Slope:	1.317

Error Coefficients

Standard Error:	780000
Relative Standard Error:	3.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	6.472616	40.0	344411.0	1.294523	Y
2	STD10 460-836323/6	10.0	13.093946	40.0	364541.0	1.309395	Y
3	STD20 460-836323/5	20.0	25.323712	40.0	360985.0	1.266186	Y
4	ICIS 460-836323/2	50.0	70.450136	40.0	320214.0	1.409003	Y
5	STD80 460-836323/4	80.0	104.987942	40.0	352474.0	1.312349	Y
6	STD120 460-836323/3	120.0	157.342201	40.0	341305.0	1.311185	Y



Calibration / Fluorene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

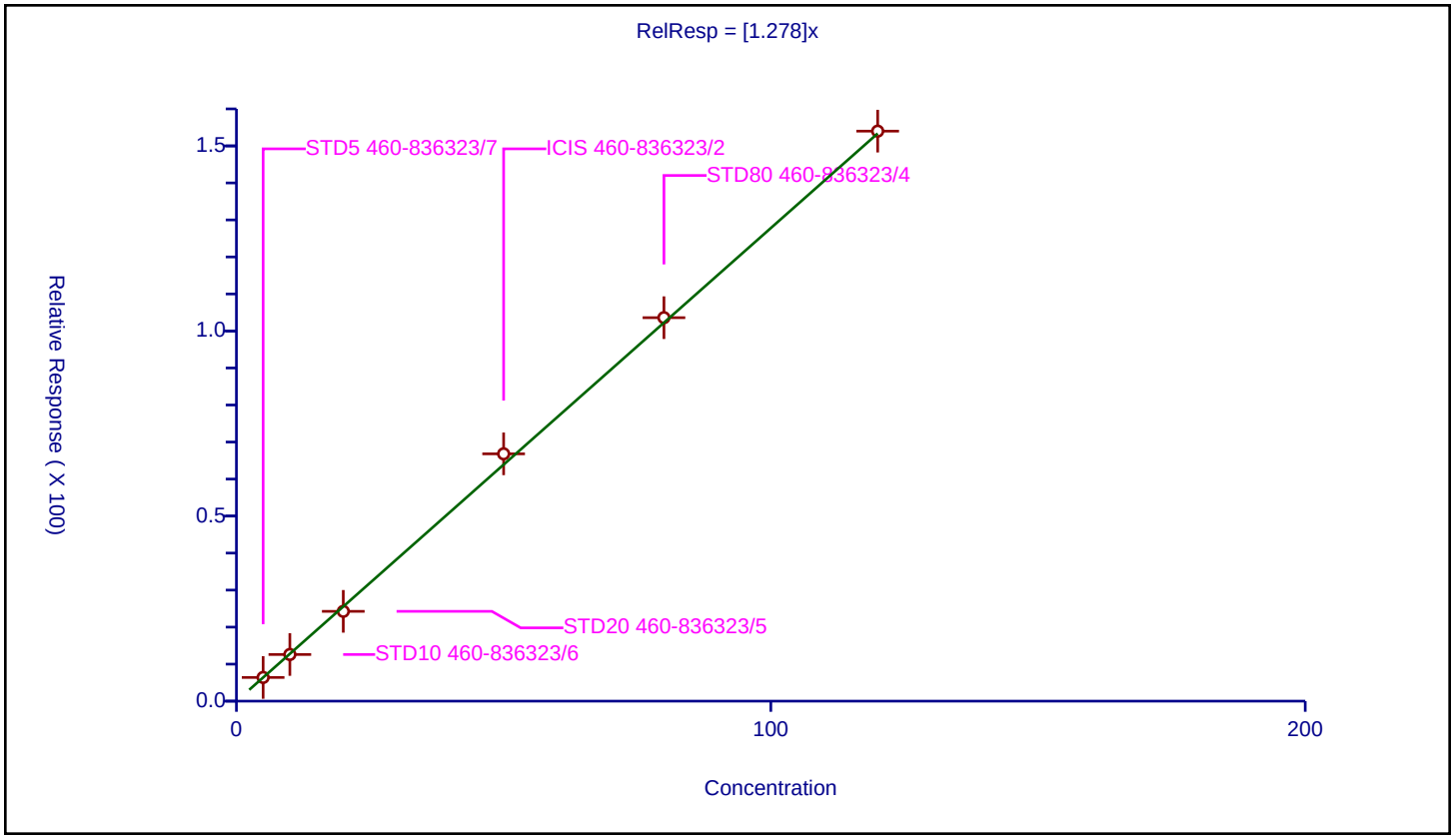
Curve Coefficients

Intercept:	0
Slope:	1.278

Error Coefficients

Standard Error:	763000
Relative Standard Error:	3.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	6.402815	40.0	344411.0	1.280563	Y
2	STD10 460-836323/6	10.0	12.599186	40.0	364541.0	1.259919	Y
3	STD20 460-836323/5	20.0	24.257407	40.0	360985.0	1.21287	Y
4	ICIS 460-836323/2	50.0	66.814193	40.0	320214.0	1.336284	Y
5	STD80 460-836323/4	80.0	103.597088	40.0	352474.0	1.294964	Y
6	STD120 460-836323/3	120.0	153.989892	40.0	341305.0	1.283249	Y



Calibration / 4-Chlorophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

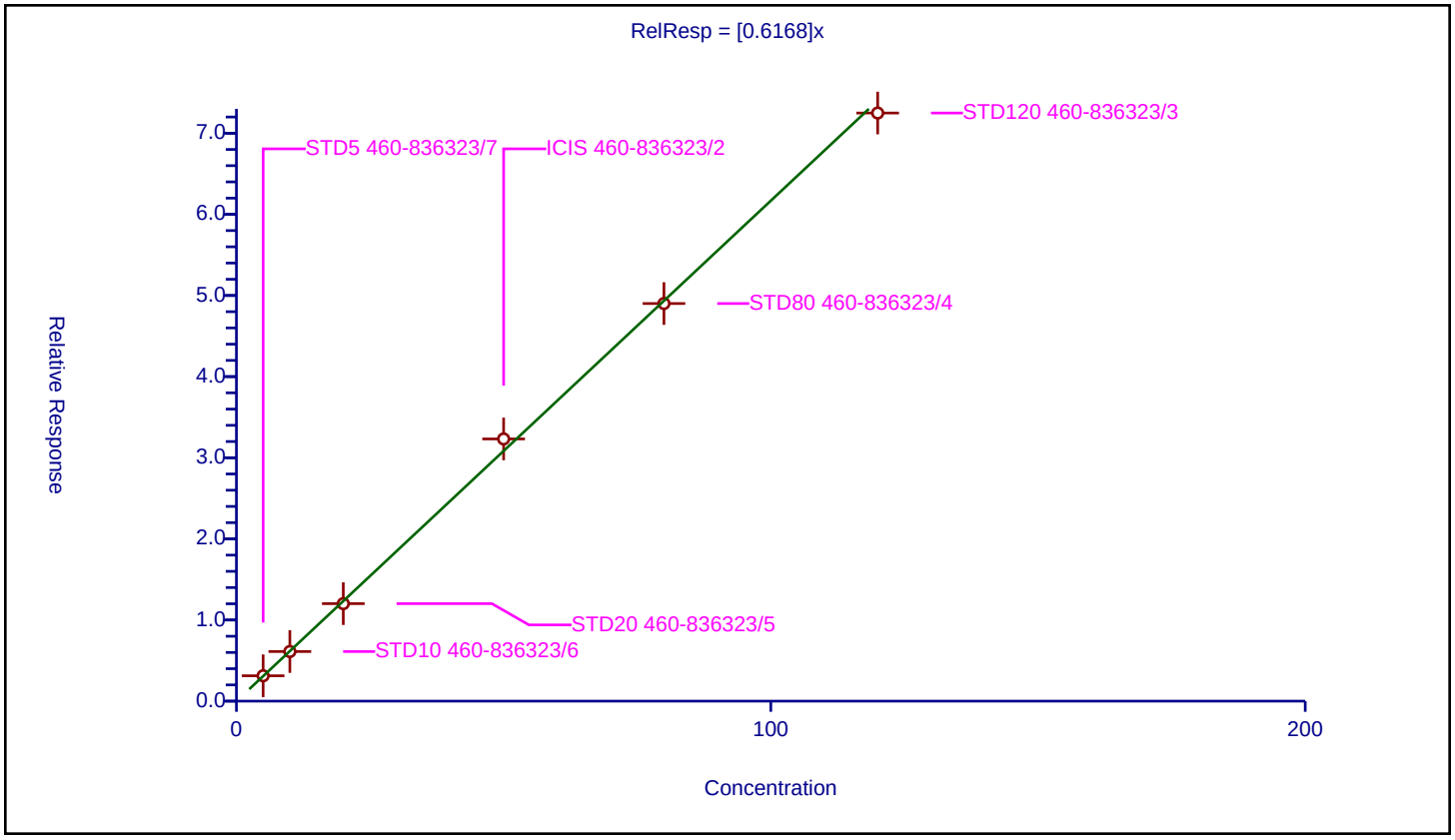
Curve Coefficients

Intercept:	0
Slope:	0.6168

Error Coefficients

Standard Error:	361000
Relative Standard Error:	2.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	3.127078	40.0	344411.0	0.625416	Y
2	STD10 460-836323/6	10.0	6.115855	40.0	364541.0	0.611586	Y
3	STD20 460-836323/5	20.0	12.016233	40.0	360985.0	0.600812	Y
4	ICIS 460-836323/2	50.0	32.319012	40.0	320214.0	0.64638	Y
5	STD80 460-836323/4	80.0	49.008664	40.0	352474.0	0.612608	Y
6	STD120 460-836323/3	120.0	72.489533	40.0	341305.0	0.604079	Y



Calibration / 4-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

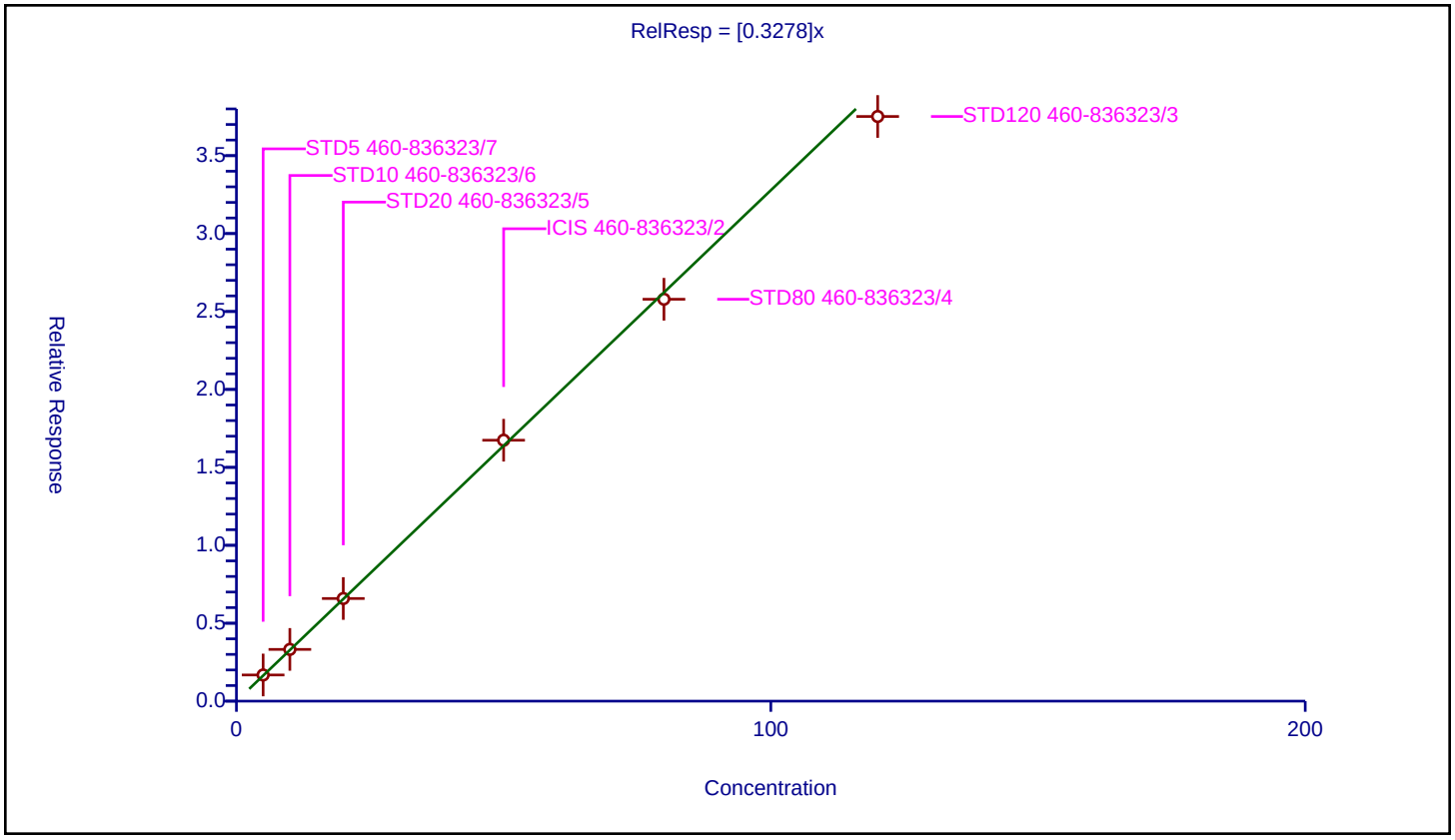
Curve Coefficients

Intercept:	0
Slope:	0.3278

Error Coefficients

Standard Error:	188000
Relative Standard Error:	2.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	1.678576	40.0	344411.0	0.335715	Y
2	STD10 460-836323/6	10.0	3.318804	40.0	364541.0	0.33188	Y
3	STD20 460-836323/5	20.0	6.585315	40.0	360985.0	0.329266	Y
4	ICIS 460-836323/2	50.0	16.741054	40.0	320214.0	0.334821	Y
5	STD80 460-836323/4	80.0	25.786753	40.0	352474.0	0.322334	Y
6	STD120 460-836323/3	120.0	37.513192	40.0	341305.0	0.31261	Y



Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

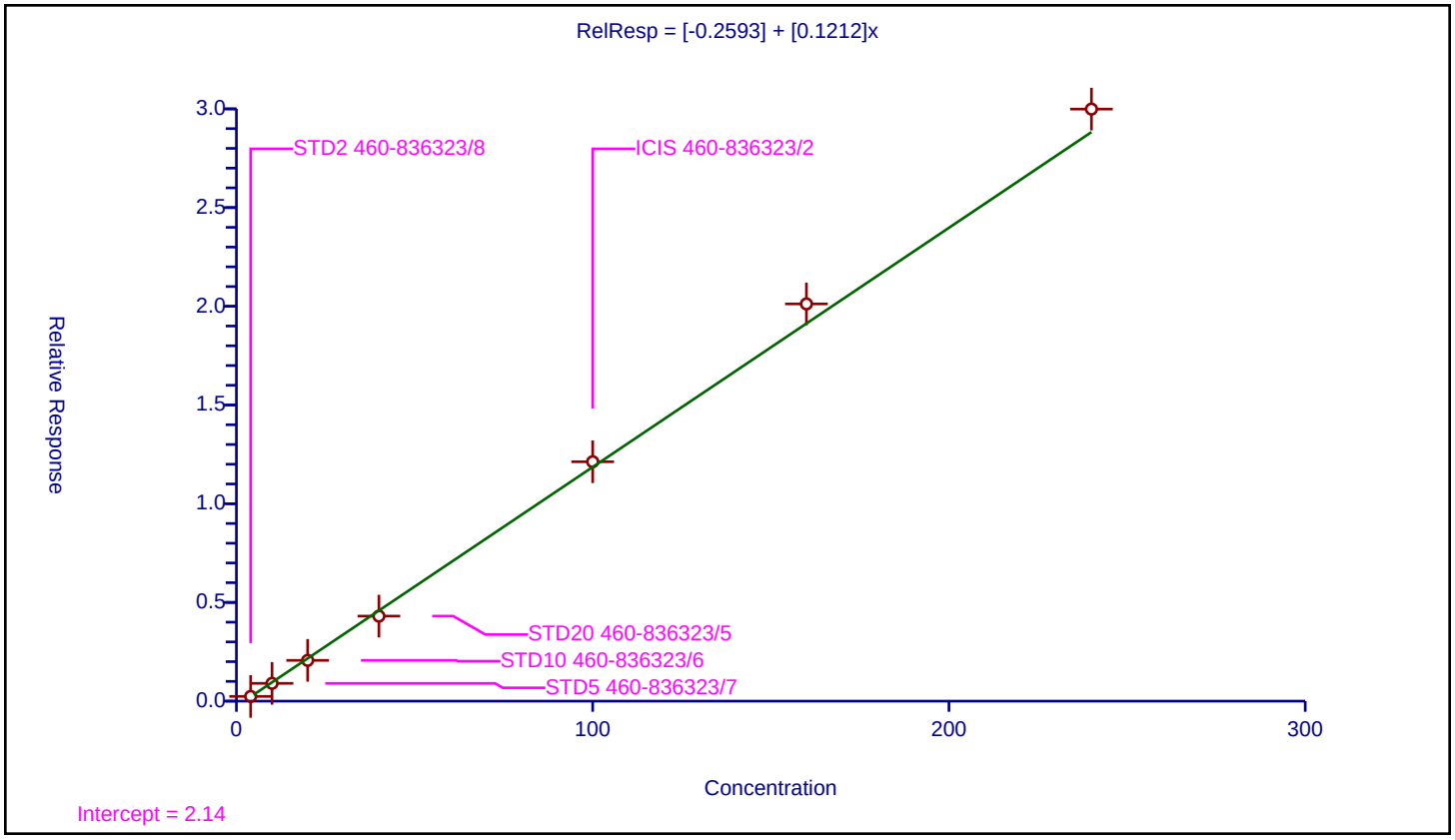
Curve Coefficients

Intercept:	-0.2593
Slope:	0.1212

Error Coefficients

Standard Error:	261000
Relative Standard Error:	5.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-836323/8	4.0	0.23908	40.0	604148.0	0.05977	Y
2	STD5 460-836323/7	10.0	0.900635	40.0	613212.0	0.090063	Y
3	STD10 460-836323/6	20.0	2.064979	40.0	646360.0	0.103249	Y
4	STD20 460-836323/5	40.0	4.307117	40.0	638023.0	0.107678	Y
5	ICIS 460-836323/2	100.0	12.126996	40.0	579263.0	0.12127	Y
6	STD80 460-836323/4	160.0	20.121248	40.0	625659.0	0.125758	Y
7	STD120 460-836323/3	240.0	29.988782	40.0	605301.0	0.124953	Y



Calibration / N-Nitrosodiphenylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

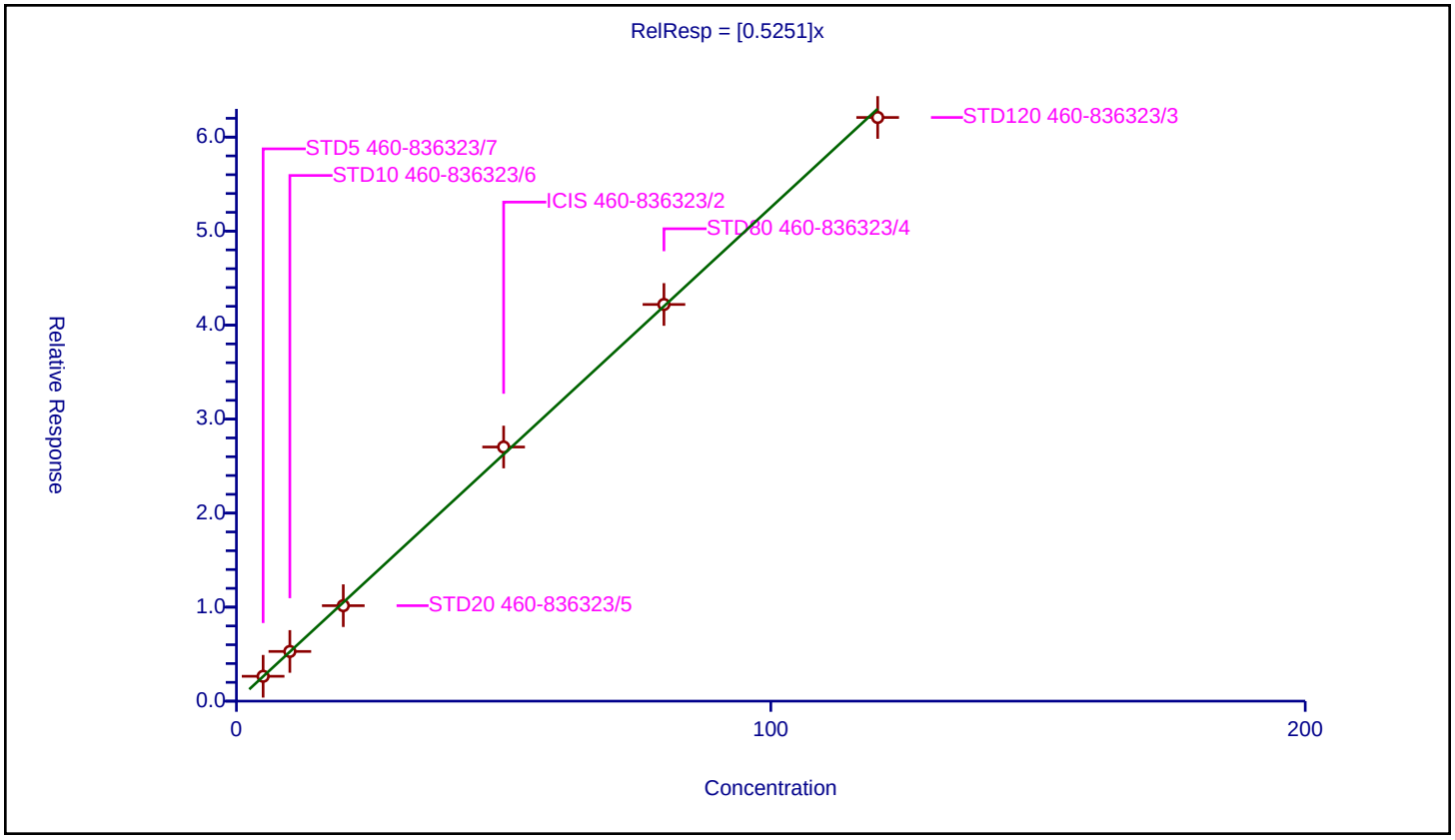
Curve Coefficients

Intercept:	0
Slope:	0.5251

Error Coefficients

Standard Error:	549000
Relative Standard Error:	2.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	2.643588	40.0	613212.0	0.528718	Y
2	STD10 460-836323/6	10.0	5.285847	40.0	646360.0	0.528585	Y
3	STD20 460-836323/5	20.0	10.155809	40.0	638023.0	0.50779	Y
4	ICIS 460-836323/2	50.0	27.032695	40.0	579263.0	0.540654	Y
5	STD80 460-836323/4	80.0	42.196788	40.0	625659.0	0.52746	Y
6	STD120 460-836323/3	120.0	62.0864	40.0	605301.0	0.517387	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

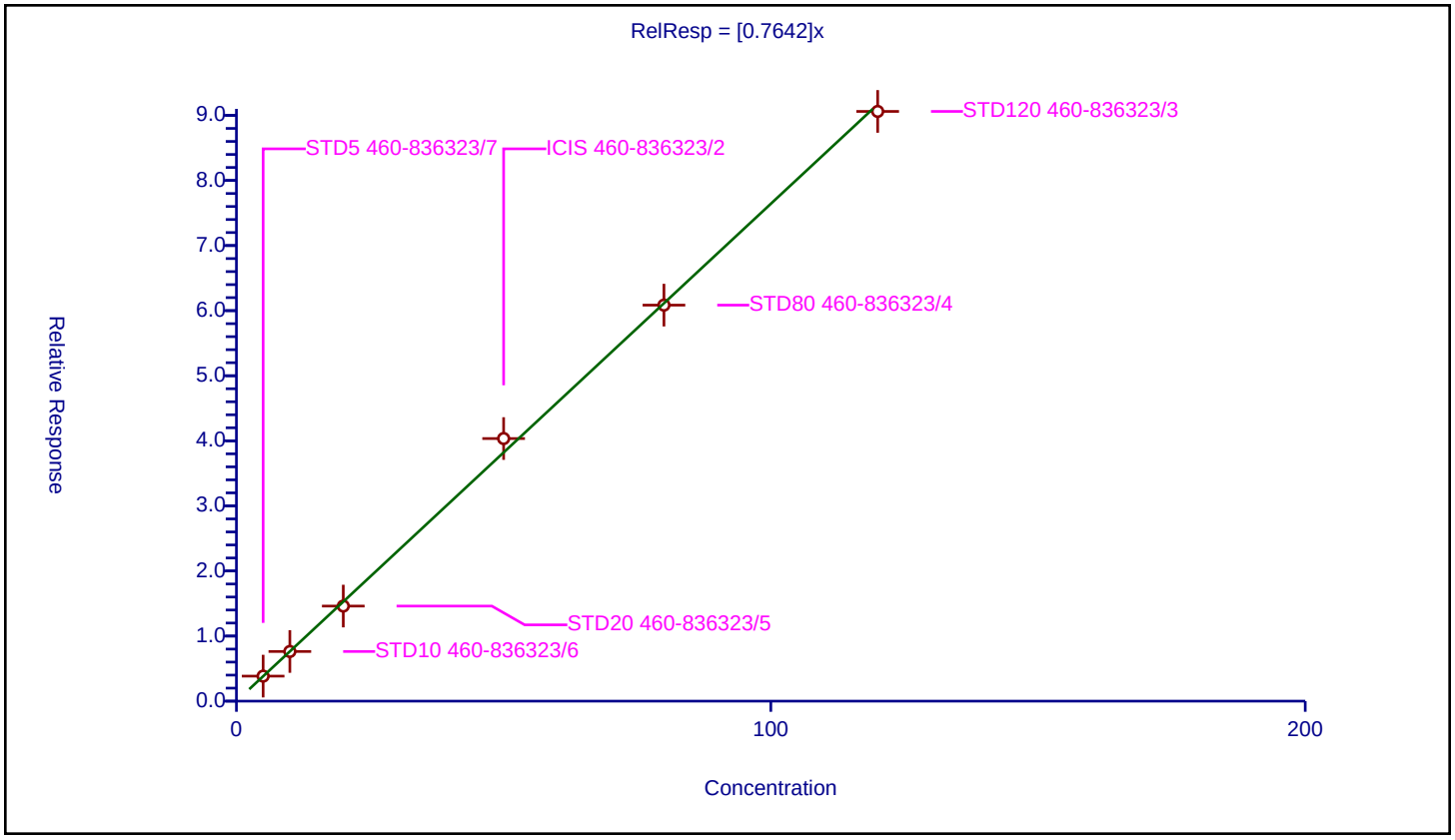
Curve Coefficients

Intercept:	0
Slope:	0.7642

Error Coefficients

Standard Error:	800000
Relative Standard Error:	3.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	3.844804	40.0	613212.0	0.768961	Y
2	STD10 460-836323/6	10.0	7.628876	40.0	646360.0	0.762888	Y
3	STD20 460-836323/5	20.0	14.608878	40.0	638023.0	0.730444	Y
4	ICIS 460-836323/2	50.0	40.347269	40.0	579263.0	0.806945	Y
5	STD80 460-836323/4	80.0	60.849185	40.0	625659.0	0.760615	Y
6	STD120 460-836323/3	120.0	90.609664	40.0	605301.0	0.755081	Y



Calibration / 2,4,6-Tribromophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

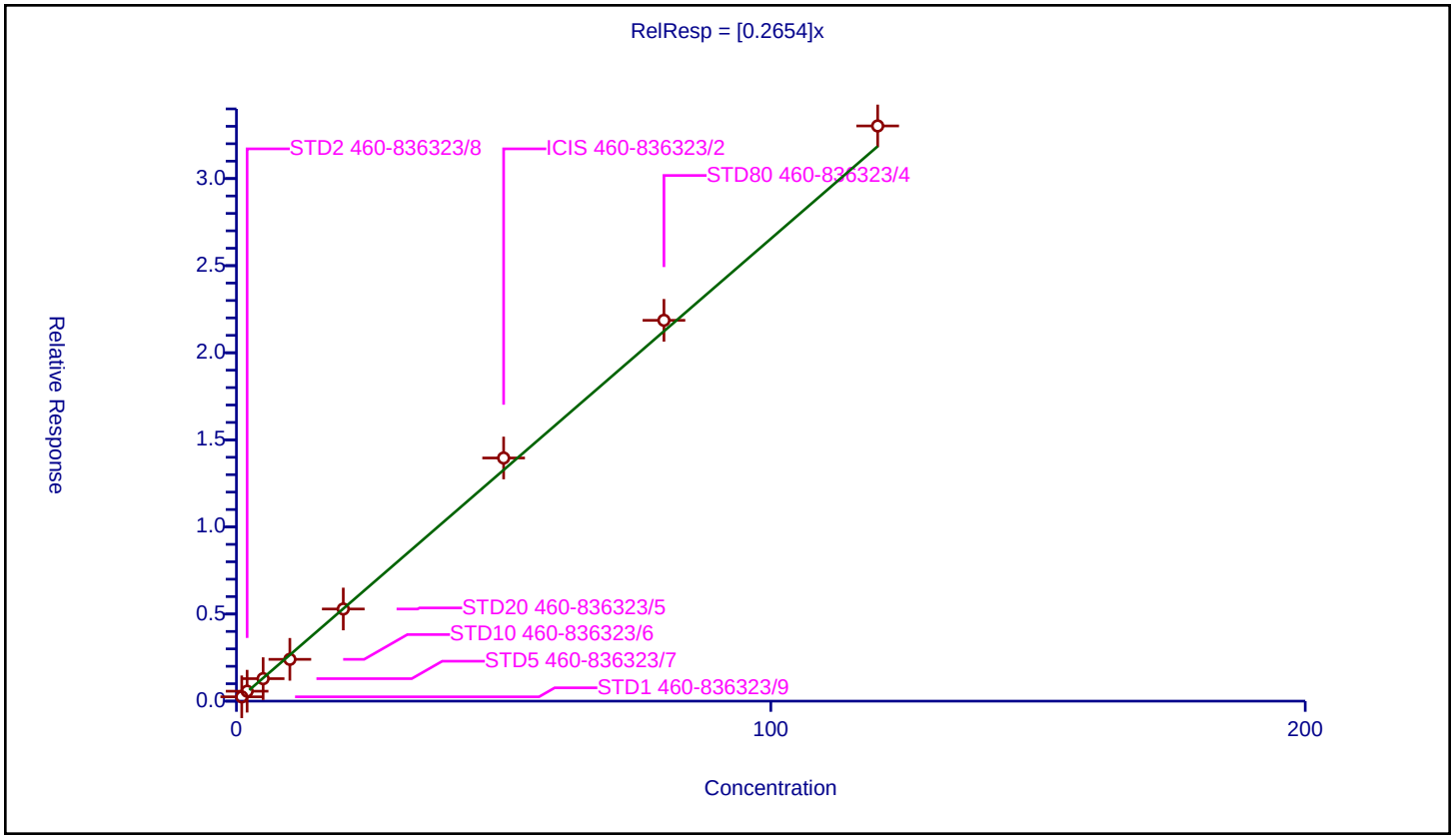
Curve Coefficients

Intercept:	0
Slope:	0.2654

Error Coefficients

Standard Error:	137000
Relative Standard Error:	6.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-836323/9	1.0	0.247698	40.0	342030.0	0.247698	Y
2	STD2 460-836323/8	2.0	0.570915	40.0	341907.0	0.285458	Y
3	STD5 460-836323/7	5.0	1.290783	40.0	344411.0	0.258157	Y
4	STD10 460-836323/6	10.0	2.400498	40.0	364541.0	0.24005	Y
5	STD20 460-836323/5	20.0	5.28986	40.0	360985.0	0.264493	Y
6	ICIS 460-836323/2	50.0	13.959165	40.0	320214.0	0.279183	Y
7	STD80 460-836323/4	80.0	21.862605	40.0	352474.0	0.273283	Y
8	STD120 460-836323/3	120.0	33.021257	40.0	341305.0	0.275177	Y



Calibration / 4-Bromophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

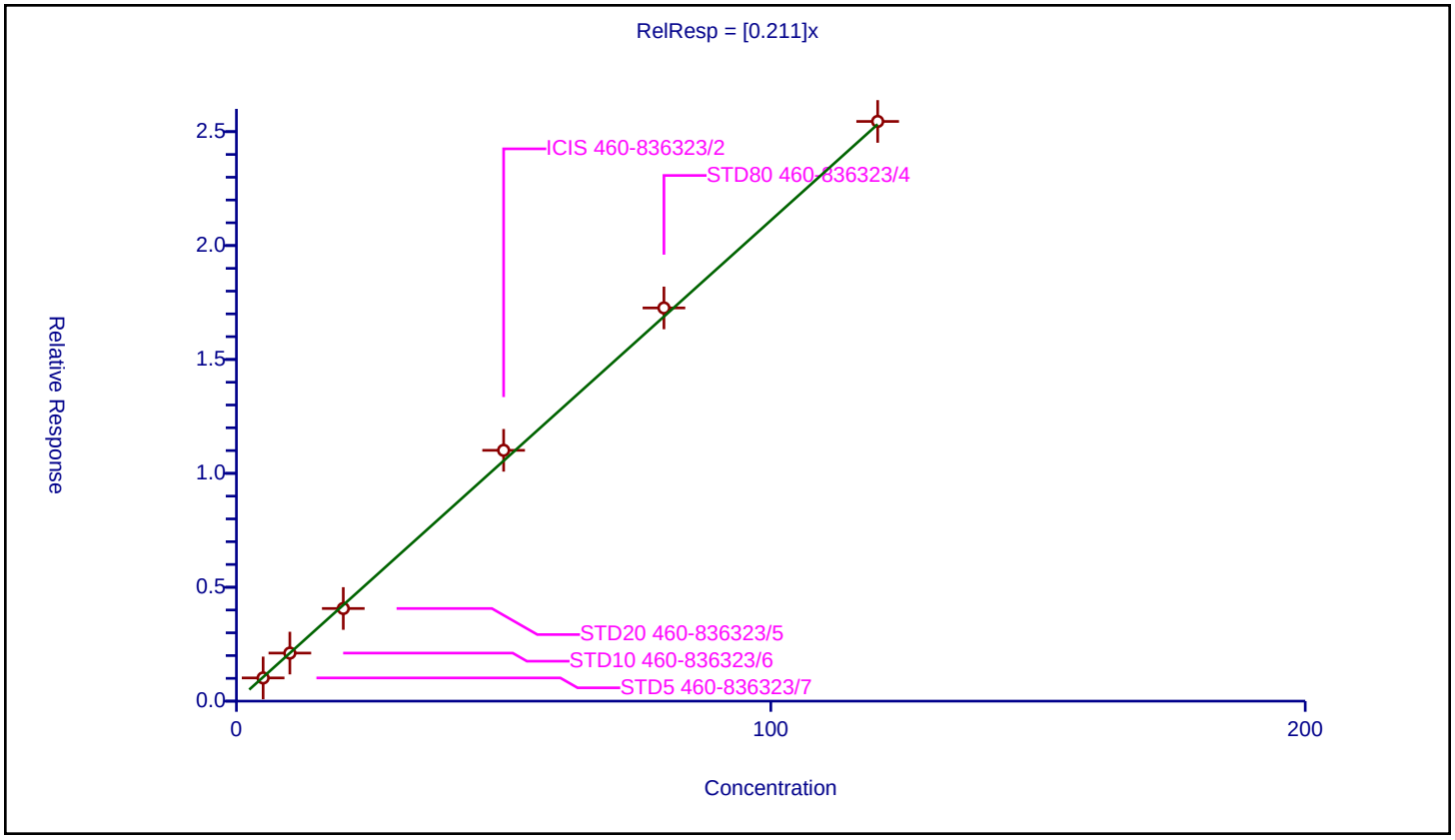
Curve Coefficients

Intercept:	0
Slope:	0.211

Error Coefficients

Standard Error:	225000
Relative Standard Error:	3.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	1.018897	40.0	613212.0	0.203779	Y
2	STD10 460-836323/6	10.0	2.109784	40.0	646360.0	0.210978	Y
3	STD20 460-836323/5	20.0	4.067189	40.0	638023.0	0.203359	Y
4	ICIS 460-836323/2	50.0	11.011302	40.0	579263.0	0.220226	Y
5	STD80 460-836323/4	80.0	17.262566	40.0	625659.0	0.215782	Y
6	STD120 460-836323/3	120.0	25.448892	40.0	605301.0	0.212074	Y



Calibration / Hexachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

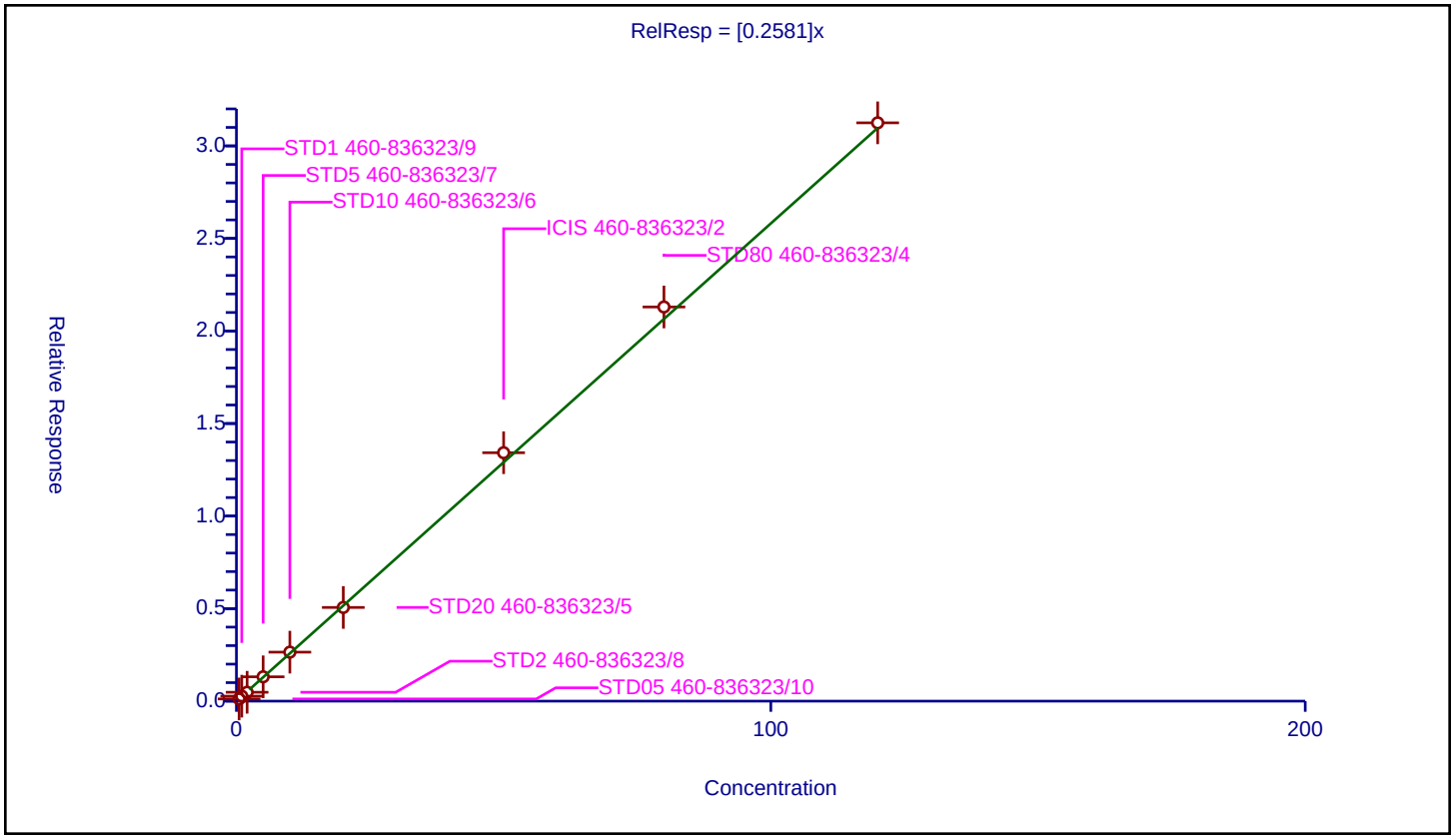
Curve Coefficients

Intercept:	0
Slope:	0.2581

Error Coefficients

Standard Error:	218000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836323/10	0.5	0.119161	40.0	600196.0	0.238322	Y
2	STD1 460-836323/9	1.0	0.268352	40.0	612629.0	0.268352	Y
3	STD2 460-836323/8	2.0	0.480412	40.0	604148.0	0.240206	Y
4	STD5 460-836323/7	5.0	1.315238	40.0	613212.0	0.263048	Y
5	STD10 460-836323/6	10.0	2.647565	40.0	646360.0	0.264756	Y
6	STD20 460-836323/5	20.0	5.061448	40.0	638023.0	0.253072	Y
7	ICIS 460-836323/2	50.0	13.422573	40.0	579263.0	0.268451	Y
8	STD80 460-836323/4	80.0	21.298183	40.0	625659.0	0.266227	Y
9	STD120 460-836323/3	120.0	31.247264	40.0	605301.0	0.260394	Y



Calibration / Atrazine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

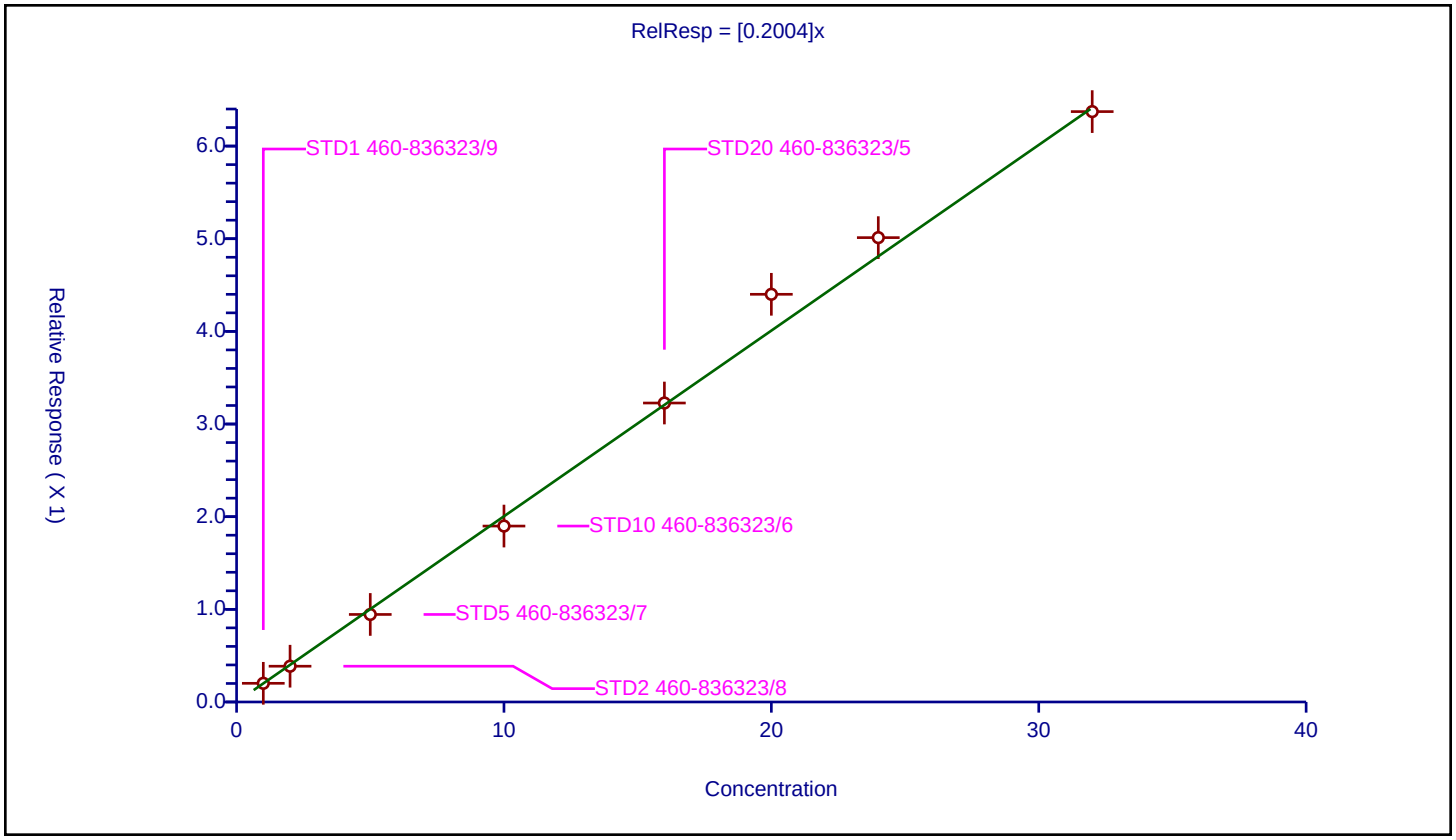
Curve Coefficients

Intercept:	0
Slope:	0.2004

Error Coefficients

Standard Error:	57800
Relative Standard Error:	5.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-836323/9	1.0	0.201753	40.0	612629.0	0.201753	Y
2	STD2 460-836323/8	2.0	0.385998	40.0	604148.0	0.192999	Y
3	STD5 460-836323/7	5.0	0.944796	40.0	613212.0	0.188959	Y
4	STD10 460-836323/6	10.0	1.898818	40.0	646360.0	0.189882	Y
5	STD20 460-836323/5	16.0	3.226968	40.0	638023.0	0.201686	Y
6	ICIS 460-836323/2	20.0	4.40035	40.0	579263.0	0.220018	Y
7	STD80 460-836323/4	24.0	5.011931	40.0	625659.0	0.20883	Y
8	STD120 460-836323/3	32.0	6.372169	40.0	605301.0	0.19913	Y



Calibration / Pentachlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

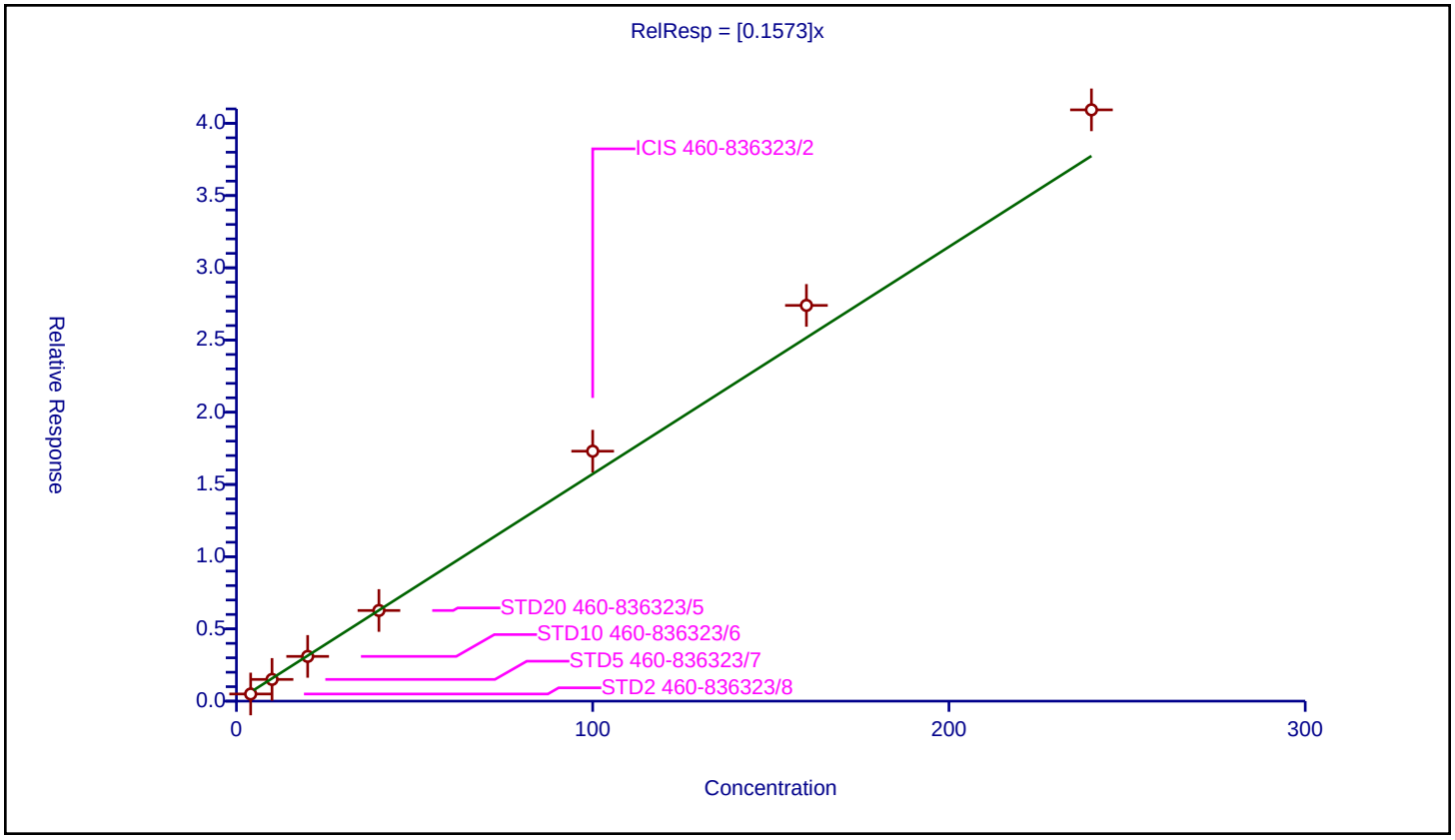
Curve Coefficients

Intercept:	0
Slope:	0.1573

Error Coefficients

Standard Error:	327000
Relative Standard Error:	11.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-836323/8	4.0	0.495839	40.0	604148.0	0.12396	Y
2	STD5 460-836323/7	10.0	1.502776	40.0	613212.0	0.150278	Y
3	STD10 460-836323/6	20.0	3.097036	40.0	646360.0	0.154852	Y
4	STD20 460-836323/5	40.0	6.275009	40.0	638023.0	0.156875	Y
5	ICIS 460-836323/2	100.0	17.303574	40.0	579263.0	0.173036	Y
6	STD80 460-836323/4	160.0	27.396649	40.0	625659.0	0.171229	Y
7	STD120 460-836323/3	240.0	40.934411	40.0	605301.0	0.17056	Y



Calibration / Pentachloronitrobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

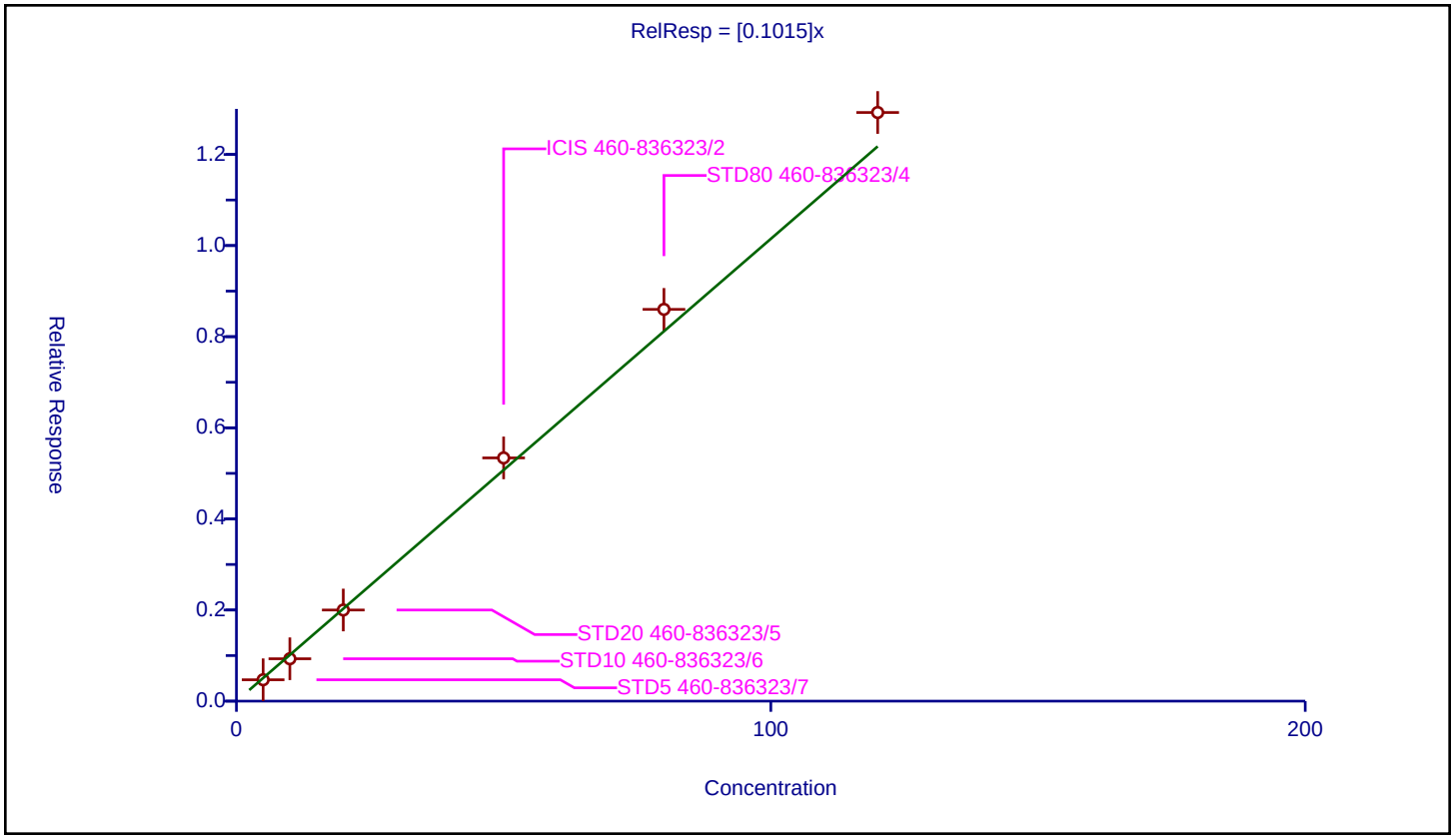
Curve Coefficients

Intercept:	0
Slope:	0.1015

Error Coefficients

Standard Error:	113000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	0.469202	40.0	613212.0	0.09384	Y
2	STD10 460-836323/6	10.0	0.930317	40.0	646360.0	0.093032	Y
3	STD20 460-836323/5	20.0	2.000367	40.0	638023.0	0.100018	Y
4	ICIS 460-836323/2	50.0	5.33906	40.0	579263.0	0.106781	Y
5	STD80 460-836323/4	80.0	8.5997	40.0	625659.0	0.107496	Y
6	STD120 460-836323/3	120.0	12.92091	40.0	605301.0	0.107674	Y



Calibration / n-Octadecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

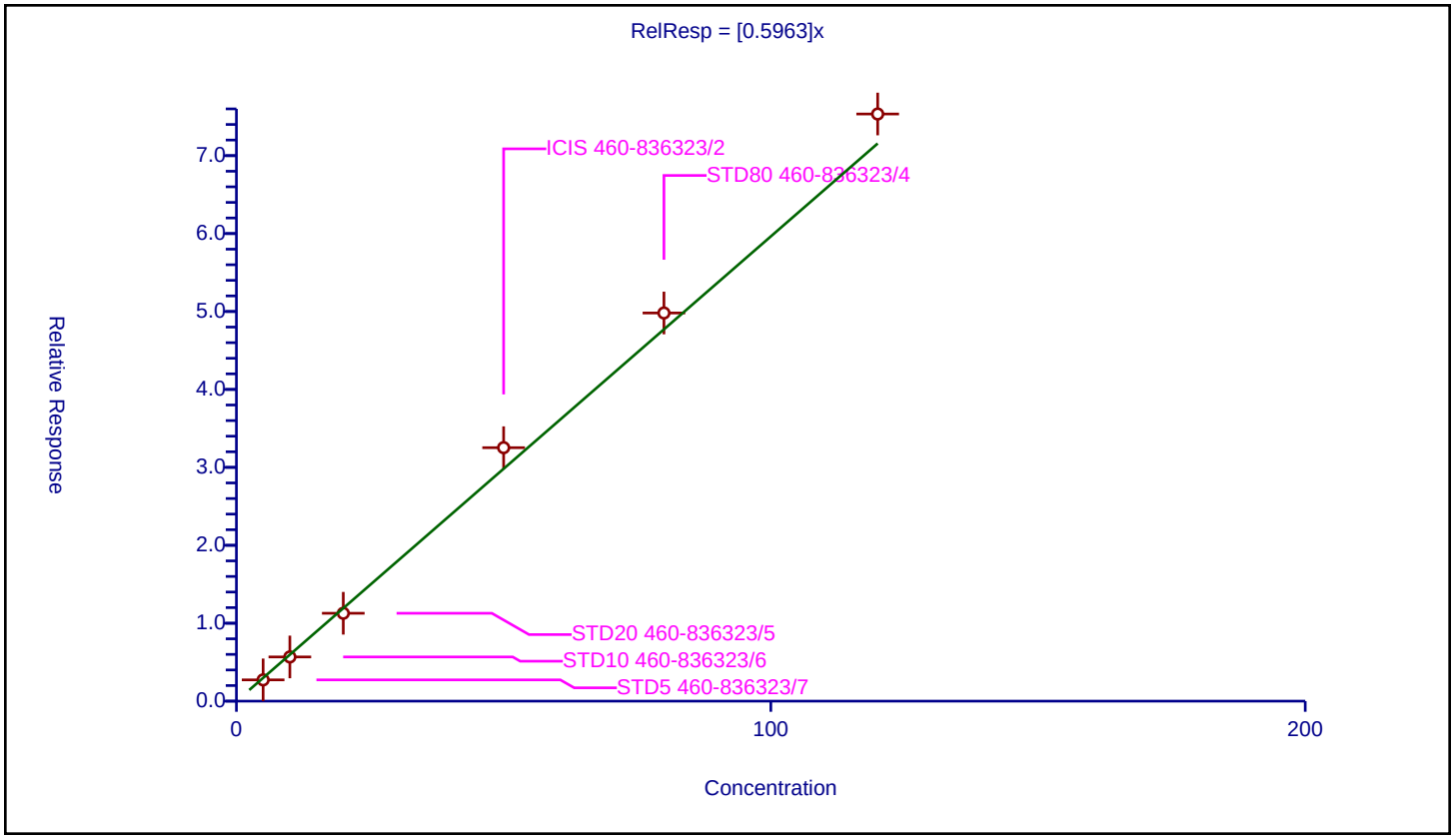
Curve Coefficients

Intercept:	0
Slope:	0.5963

Error Coefficients

Standard Error:	659000
Relative Standard Error:	7.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	2.729431	40.0	613212.0	0.545886	Y
2	STD10 460-836323/6	10.0	5.673495	40.0	646360.0	0.567349	Y
3	STD20 460-836323/5	20.0	11.276898	40.0	638023.0	0.563845	Y
4	ICIS 460-836323/2	50.0	32.524432	40.0	579263.0	0.650489	Y
5	STD80 460-836323/4	80.0	49.808794	40.0	625659.0	0.62261	Y
6	STD120 460-836323/3	120.0	75.343209	40.0	605301.0	0.62786	Y



Calibration / Phenanthrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

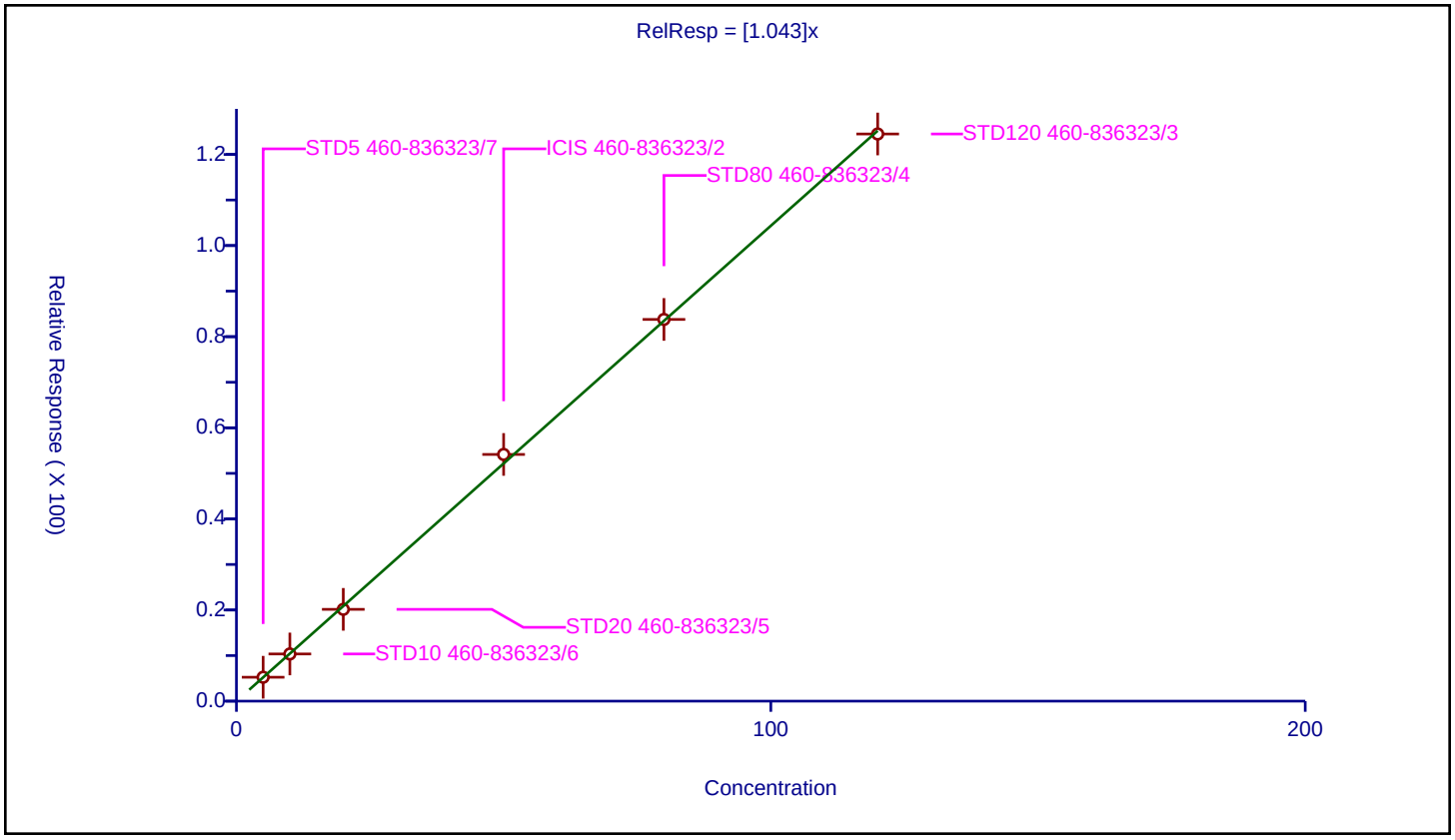
Curve Coefficients

Intercept:	0
Slope:	1.043

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	2.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	5.246799	40.0	613212.0	1.04936	Y
2	STD10 460-836323/6	10.0	10.355653	40.0	646360.0	1.035565	Y
3	STD20 460-836323/5	20.0	20.150998	40.0	638023.0	1.00755	Y
4	ICIS 460-836323/2	50.0	54.153502	40.0	579263.0	1.08307	Y
5	STD80 460-836323/4	80.0	83.78417	40.0	625659.0	1.047302	Y
6	STD120 460-836323/3	120.0	124.491055	40.0	605301.0	1.037425	Y



Calibration / Anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

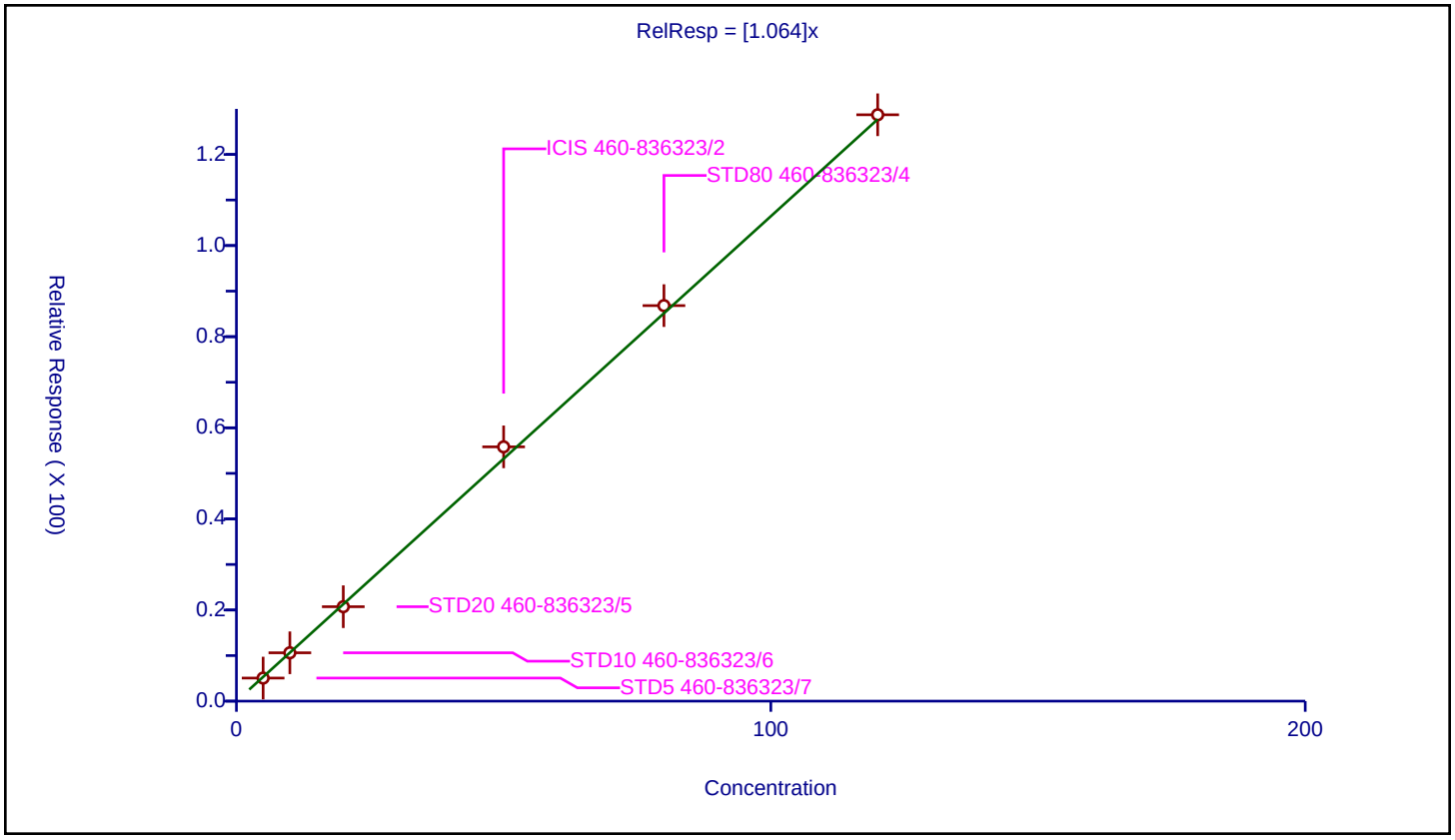
Curve Coefficients

Intercept:	0
Slope:	1.064

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	3.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	5.068655	40.0	613212.0	1.013731	Y
2	STD10 460-836323/6	10.0	10.611795	40.0	646360.0	1.06118	Y
3	STD20 460-836323/5	20.0	20.726526	40.0	638023.0	1.036326	Y
4	ICIS 460-836323/2	50.0	55.814992	40.0	579263.0	1.1163	Y
5	STD80 460-836323/4	80.0	86.821096	40.0	625659.0	1.085264	Y
6	STD120 460-836323/3	120.0	128.706809	40.0	605301.0	1.072557	Y



Calibration / Carbazole

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

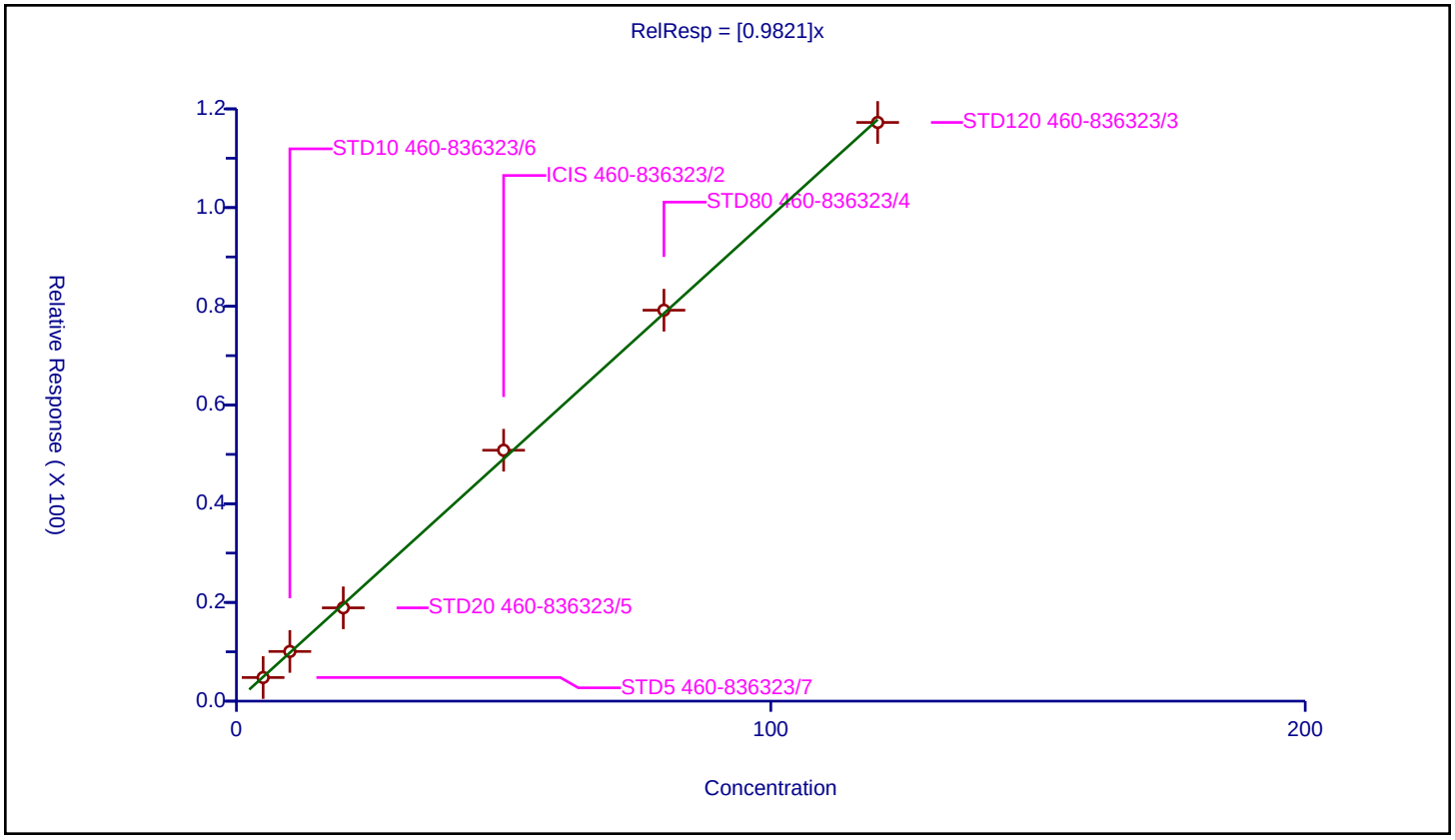
Curve Coefficients

Intercept:	0
Slope:	0.9821

Error Coefficients

Standard Error:	1030000
Relative Standard Error:	2.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	4.781381	40.0	613212.0	0.956276	Y
2	STD10 460-836323/6	10.0	10.066279	40.0	646360.0	1.006628	Y
3	STD20 460-836323/5	20.0	18.907532	40.0	638023.0	0.945377	Y
4	ICIS 460-836323/2	50.0	50.840465	40.0	579263.0	1.016809	Y
5	STD80 460-836323/4	80.0	79.212095	40.0	625659.0	0.990151	Y
6	STD120 460-836323/3	120.0	117.251087	40.0	605301.0	0.977092	Y



Calibration / Di-n-butyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

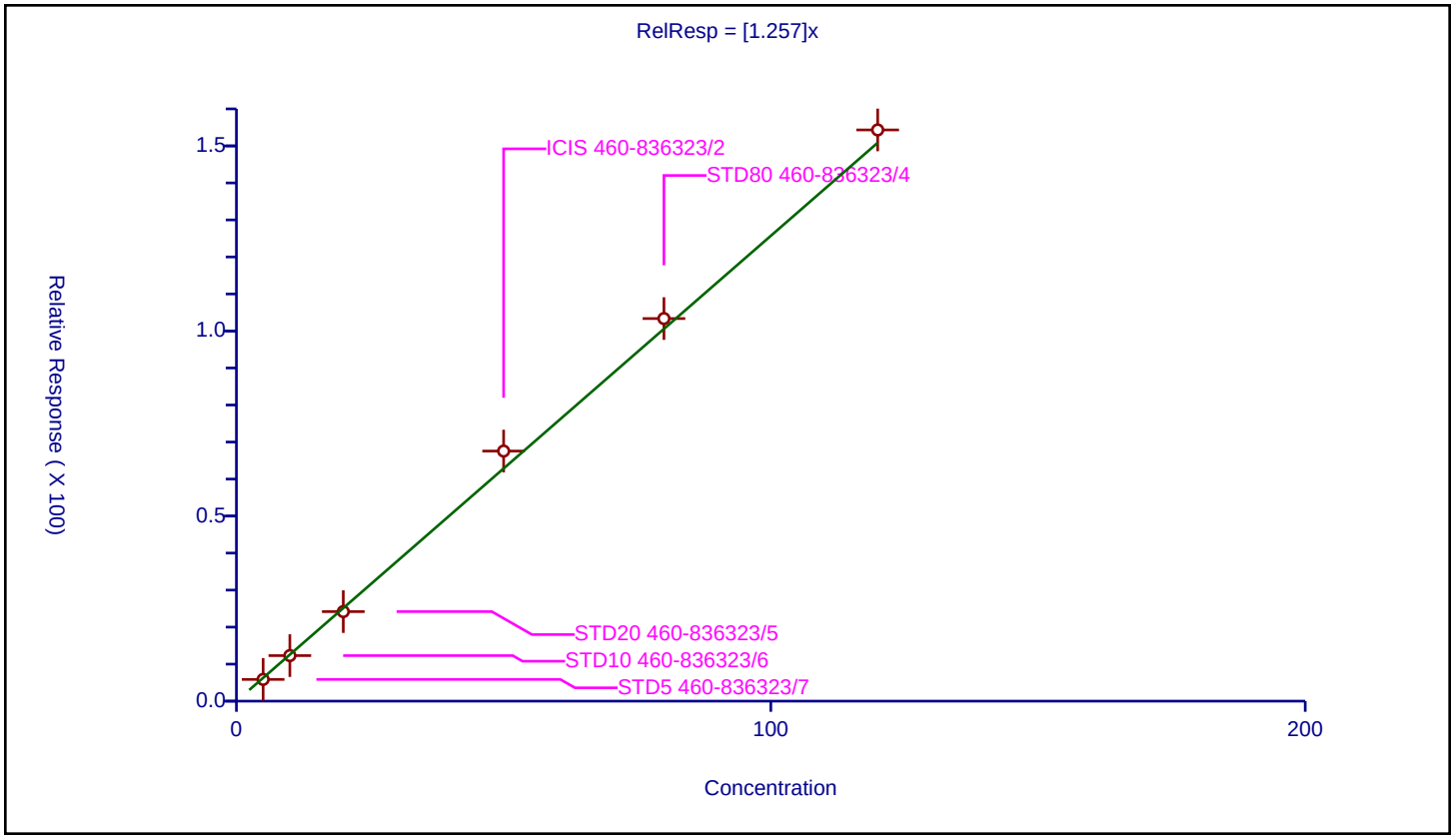
Curve Coefficients

Intercept:	0
Slope:	1.257

Error Coefficients

Standard Error:	1360000
Relative Standard Error:	5.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	5.869879	40.0	613212.0	1.173976	Y
2	STD10 460-836323/6	10.0	12.297791	40.0	646360.0	1.229779	Y
3	STD20 460-836323/5	20.0	24.189159	40.0	638023.0	1.209458	Y
4	ICIS 460-836323/2	50.0	67.563922	40.0	579263.0	1.351278	Y
5	STD80 460-836323/4	80.0	103.358667	40.0	625659.0	1.291983	Y
6	STD120 460-836323/3	120.0	154.31615	40.0	605301.0	1.285968	Y



Calibration / Fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

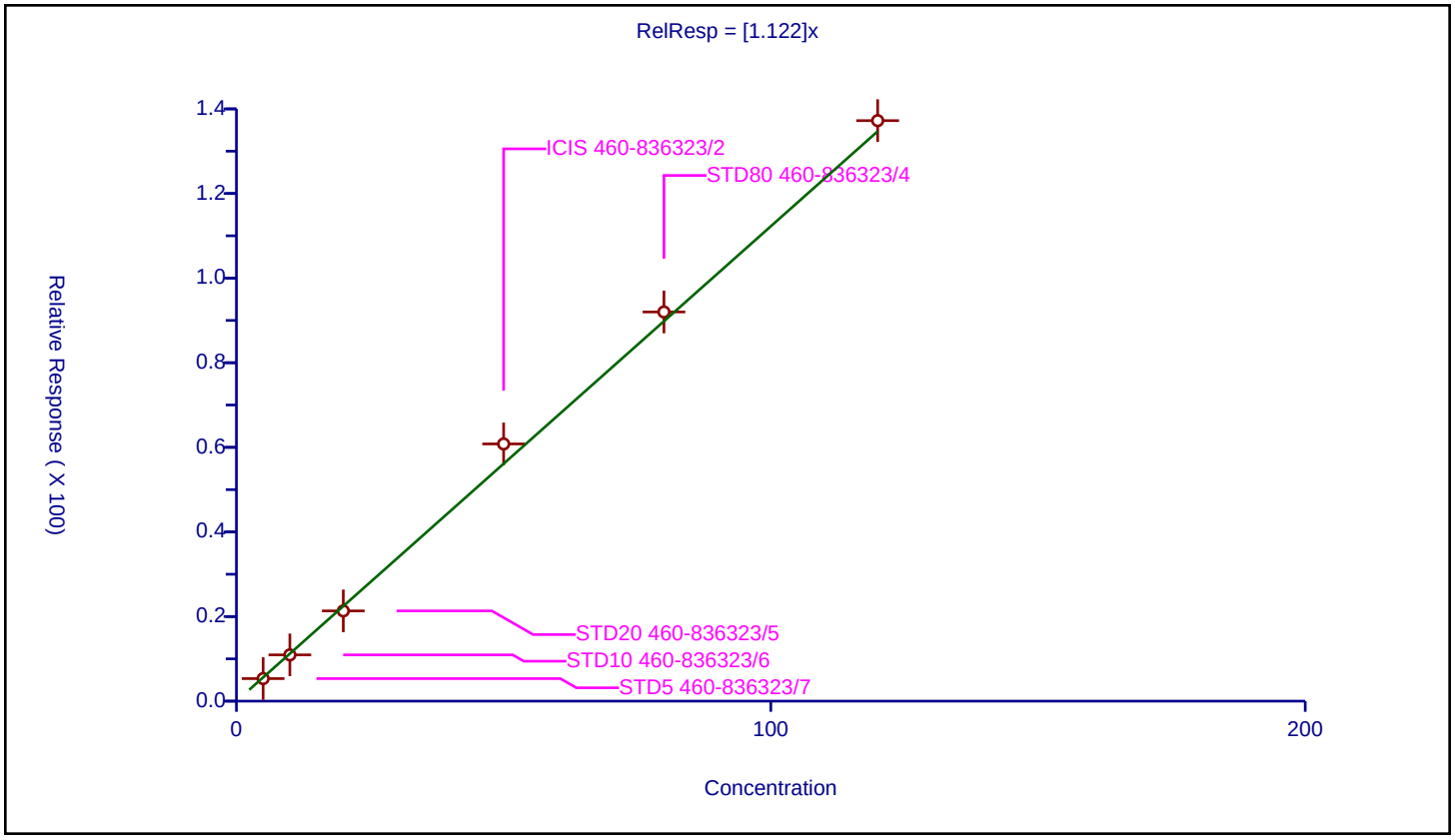
Curve Coefficients

Intercept:	0
Slope:	1.122

Error Coefficients

Standard Error:	1210000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	5.327228	40.0	613212.0	1.065446	Y
2	STD10 460-836323/6	10.0	10.935887	40.0	646360.0	1.093589	Y
3	STD20 460-836323/5	20.0	21.326817	40.0	638023.0	1.066341	Y
4	ICIS 460-836323/2	50.0	60.8005	40.0	579263.0	1.21601	Y
5	STD80 460-836323/4	80.0	92.000786	40.0	625659.0	1.15001	Y
6	STD120 460-836323/3	120.0	137.223894	40.0	605301.0	1.143532	Y



Calibration / Benzidine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

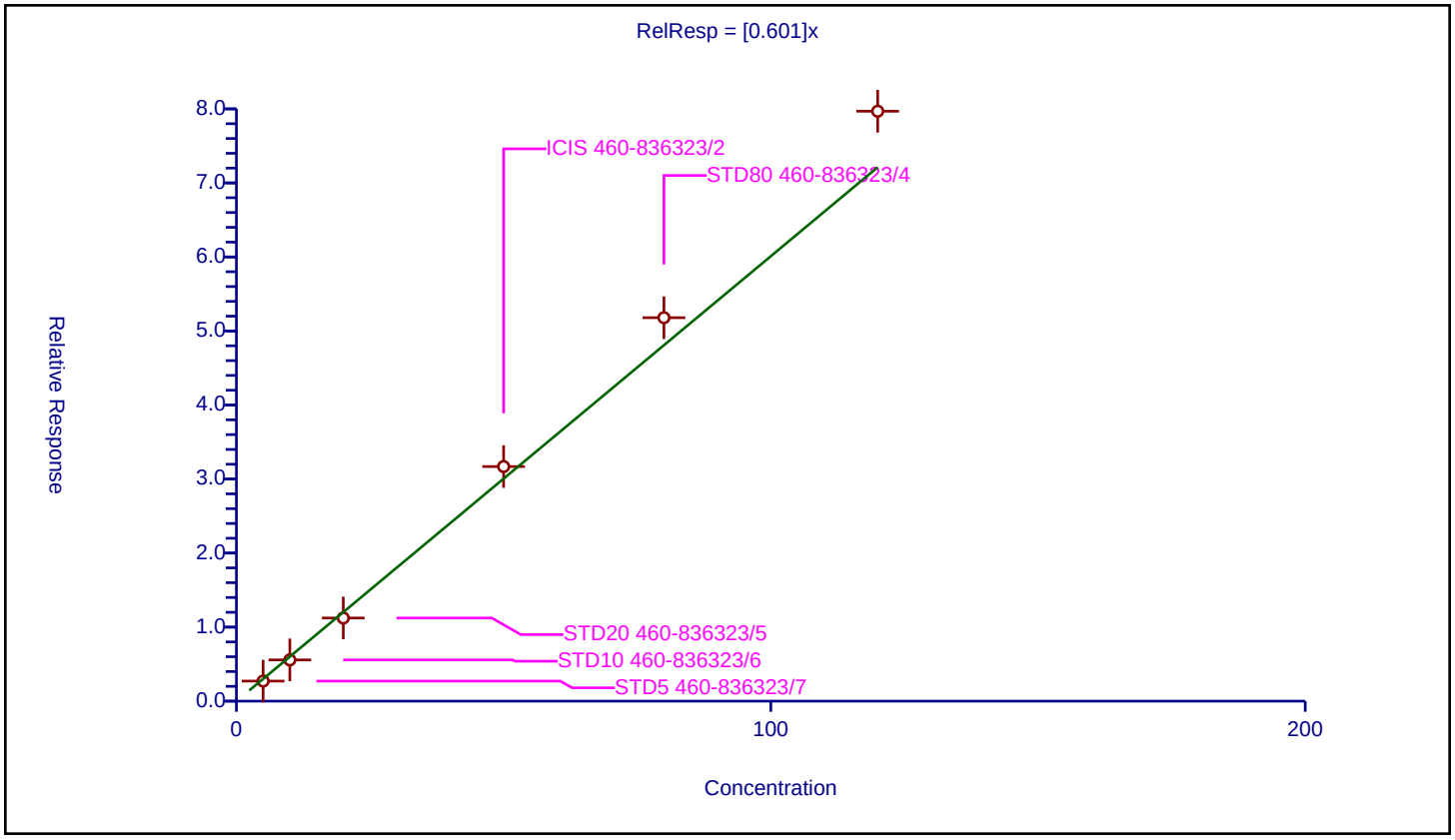
Curve Coefficients

Intercept:	0
Slope:	0.601

Error Coefficients

Standard Error:	687000
Relative Standard Error:	8.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	2.711167	40.0	613212.0	0.542233	Y
2	STD10 460-836323/6	10.0	5.57058	40.0	646360.0	0.557058	Y
3	STD20 460-836323/5	20.0	11.229438	40.0	638023.0	0.561472	Y
4	ICIS 460-836323/2	50.0	31.686263	40.0	579263.0	0.633725	Y
5	STD80 460-836323/4	80.0	51.795627	40.0	625659.0	0.647445	Y
6	STD120 460-836323/3	120.0	79.682274	40.0	605301.0	0.664019	Y



Calibration / Pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

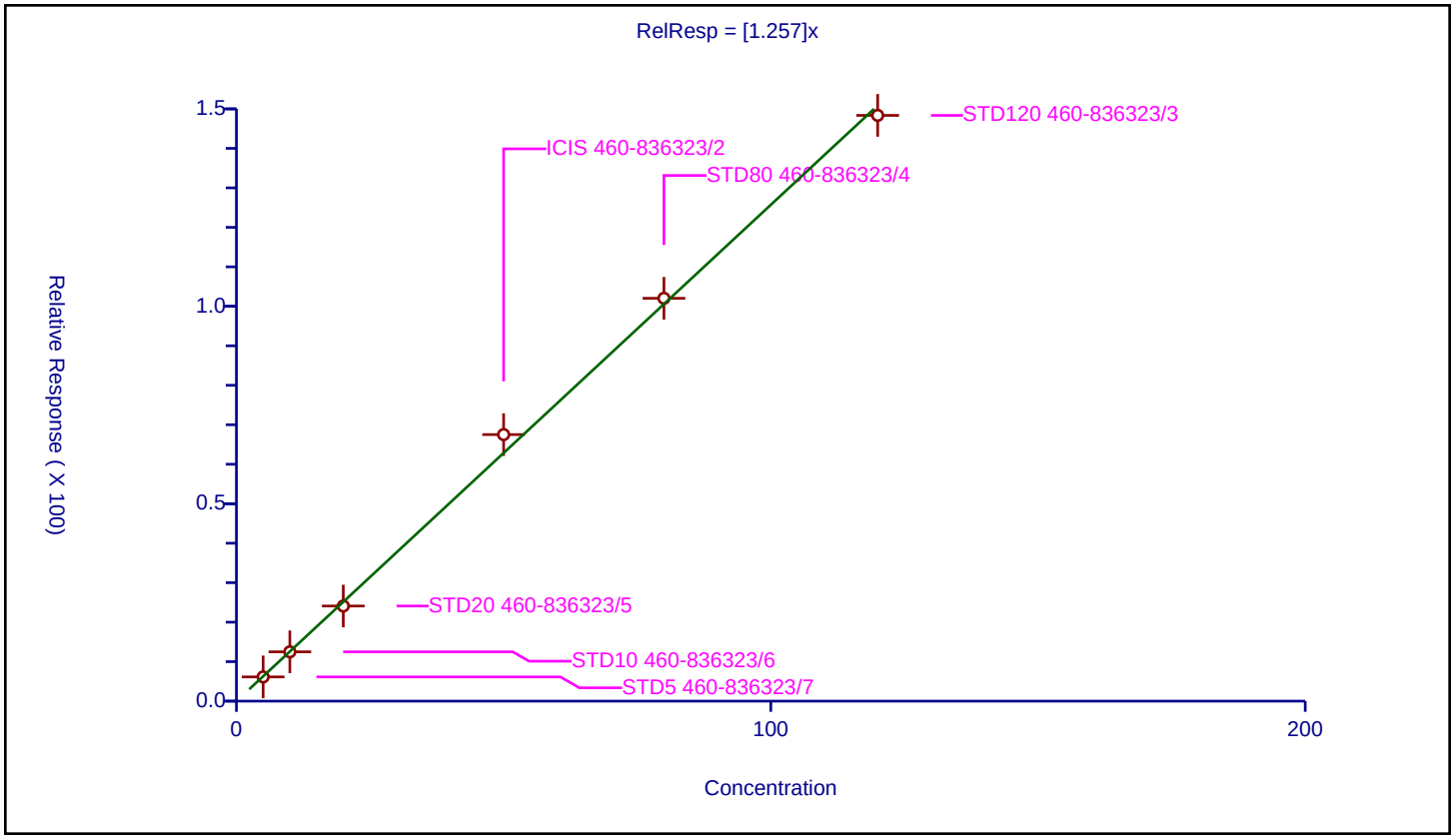
Curve Coefficients

Intercept:	0
Slope:	1.257

Error Coefficients

Standard Error:	1250000
Relative Standard Error:	4.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	6.136015	40.0	560644.0	1.227203	Y
2	STD10 460-836323/6	10.0	12.486572	40.0	595760.0	1.248657	Y
3	STD20 460-836323/5	20.0	24.090011	40.0	594683.0	1.204501	Y
4	ICIS 460-836323/2	50.0	67.512821	40.0	529974.0	1.350256	Y
5	STD80 460-836323/4	80.0	102.031092	40.0	584779.0	1.275389	Y
6	STD120 460-836323/3	120.0	148.357175	40.0	576434.0	1.23631	Y



Calibration / Bisphenol-A

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

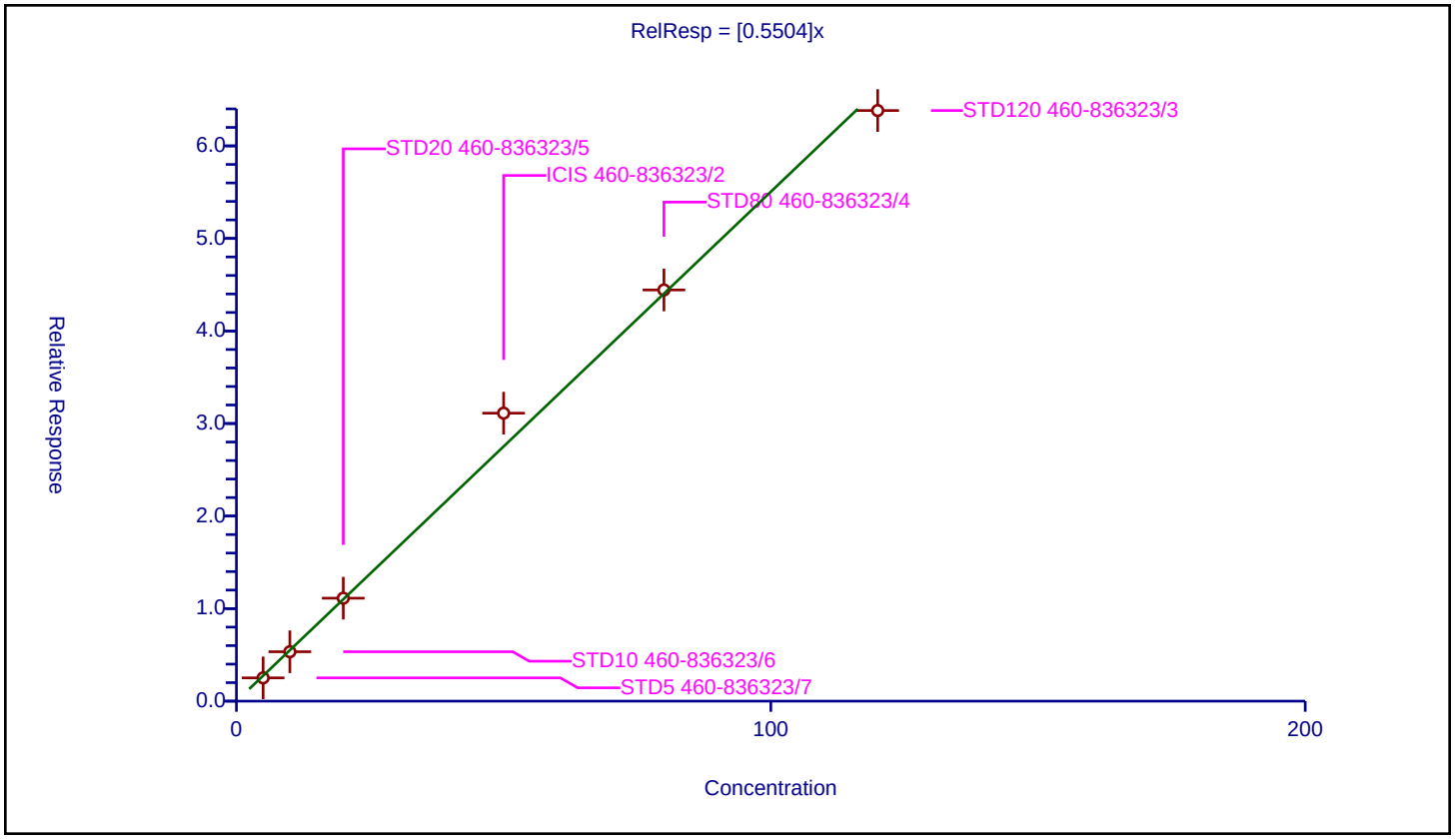
Curve Coefficients

Intercept:	0
Slope:	0.5504

Error Coefficients

Standard Error:	543000
Relative Standard Error:	7.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	2.514251	40.0	560644.0	0.50285	Y
2	STD10 460-836323/6	10.0	5.337048	40.0	595760.0	0.533705	Y
3	STD20 460-836323/5	20.0	11.126331	40.0	594683.0	0.556317	Y
4	ICIS 460-836323/2	50.0	31.121149	40.0	529974.0	0.622423	Y
5	STD80 460-836323/4	80.0	44.43559	40.0	584779.0	0.555445	Y
6	STD120 460-836323/3	120.0	63.820871	40.0	576434.0	0.531841	Y



Calibration / Terphenyl-d14

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

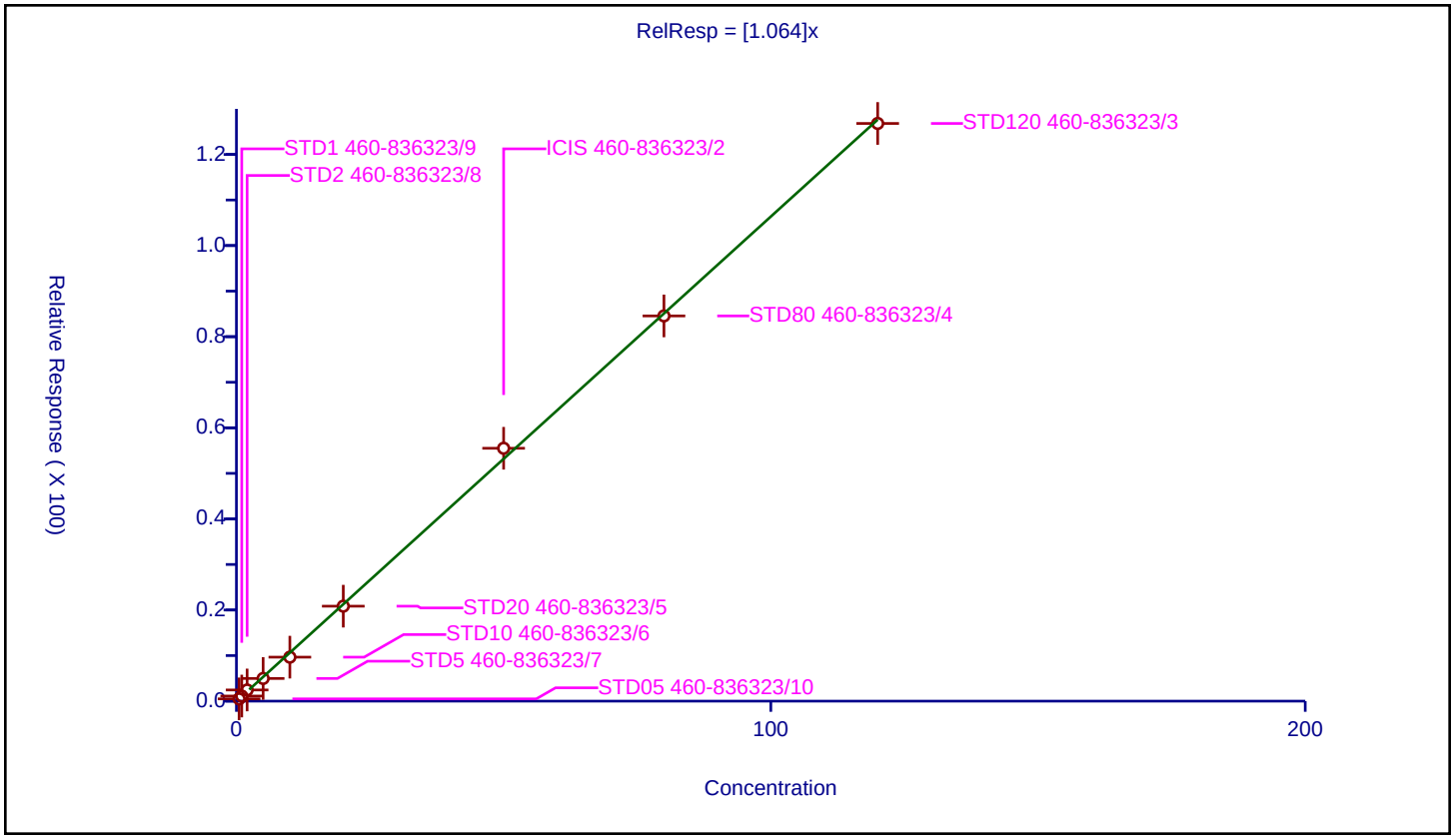
Curve Coefficients

Intercept:	0
Slope:	1.064

Error Coefficients

Standard Error:	831000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836323/10	0.5	0.501273	40.0	538150.0	1.002546	Y
2	STD1 460-836323/9	1.0	1.117183	40.0	542937.0	1.117183	Y
3	STD2 460-836323/8	2.0	2.45201	40.0	552037.0	1.226005	Y
4	STD5 460-836323/7	5.0	4.976349	40.0	560644.0	0.99527	Y
5	STD10 460-836323/6	10.0	9.653082	40.0	595760.0	0.965308	Y
6	STD20 460-836323/5	20.0	20.846199	40.0	594683.0	1.04231	Y
7	ICIS 460-836323/2	50.0	55.507629	40.0	529974.0	1.110153	Y
8	STD80 460-836323/4	80.0	84.554336	40.0	584779.0	1.056929	Y
9	STD120 460-836323/3	120.0	126.801126	40.0	576434.0	1.056676	Y



Calibration / Butyl benzyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

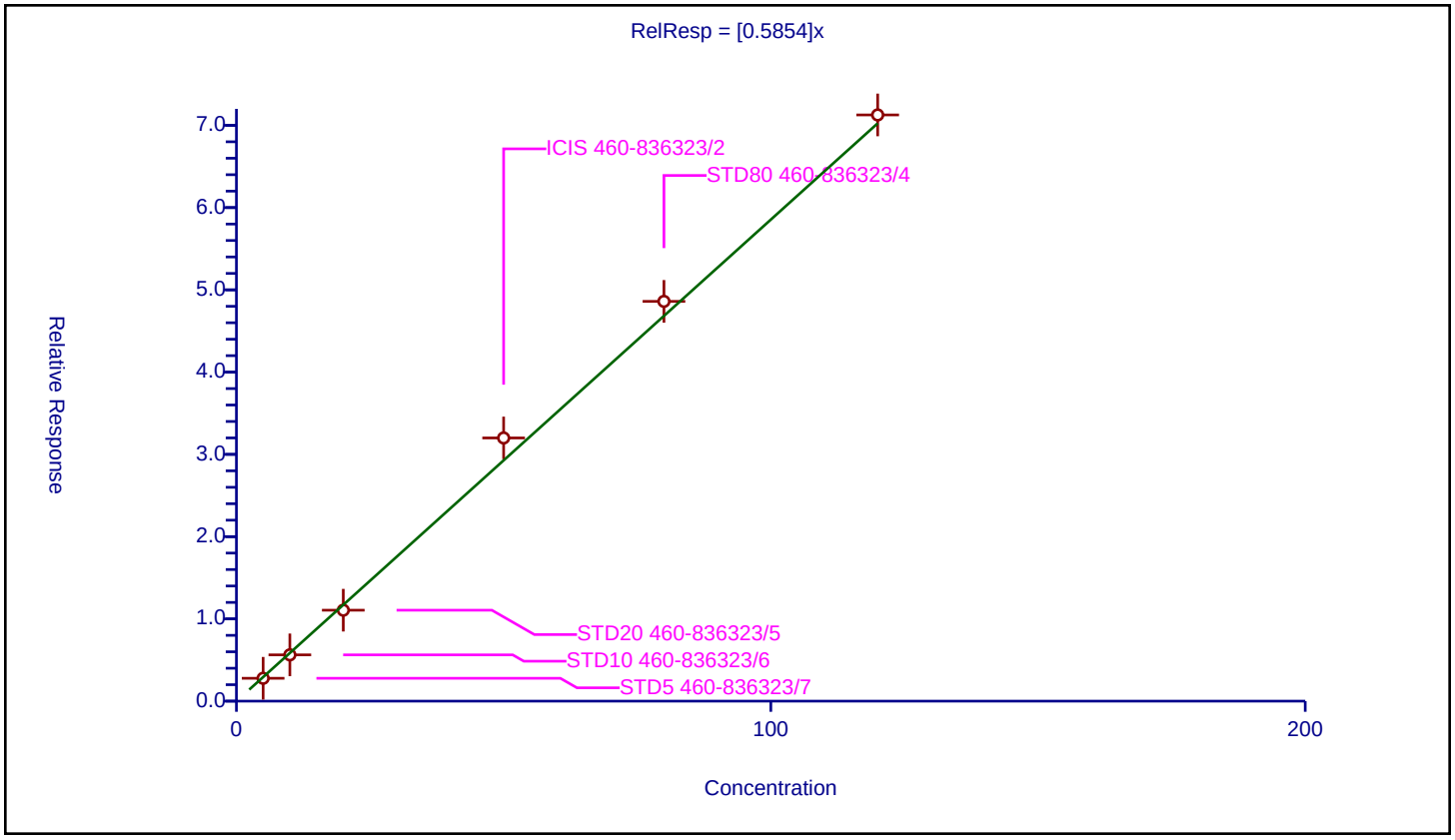
Curve Coefficients

Intercept:	0
Slope:	0.5854

Error Coefficients

Standard Error:	596000
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	2.778162	40.0	560644.0	0.555632	Y
2	STD10 460-836323/6	10.0	5.625755	40.0	595760.0	0.562576	Y
3	STD20 460-836323/5	20.0	11.056243	40.0	594683.0	0.552812	Y
4	ICIS 460-836323/2	50.0	31.994928	40.0	529974.0	0.639899	Y
5	STD80 460-836323/4	80.0	48.59983	40.0	584779.0	0.607498	Y
6	STD120 460-836323/3	120.0	71.264013	40.0	576434.0	0.593867	Y



Calibration / 2,3,7,8-TCDD

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

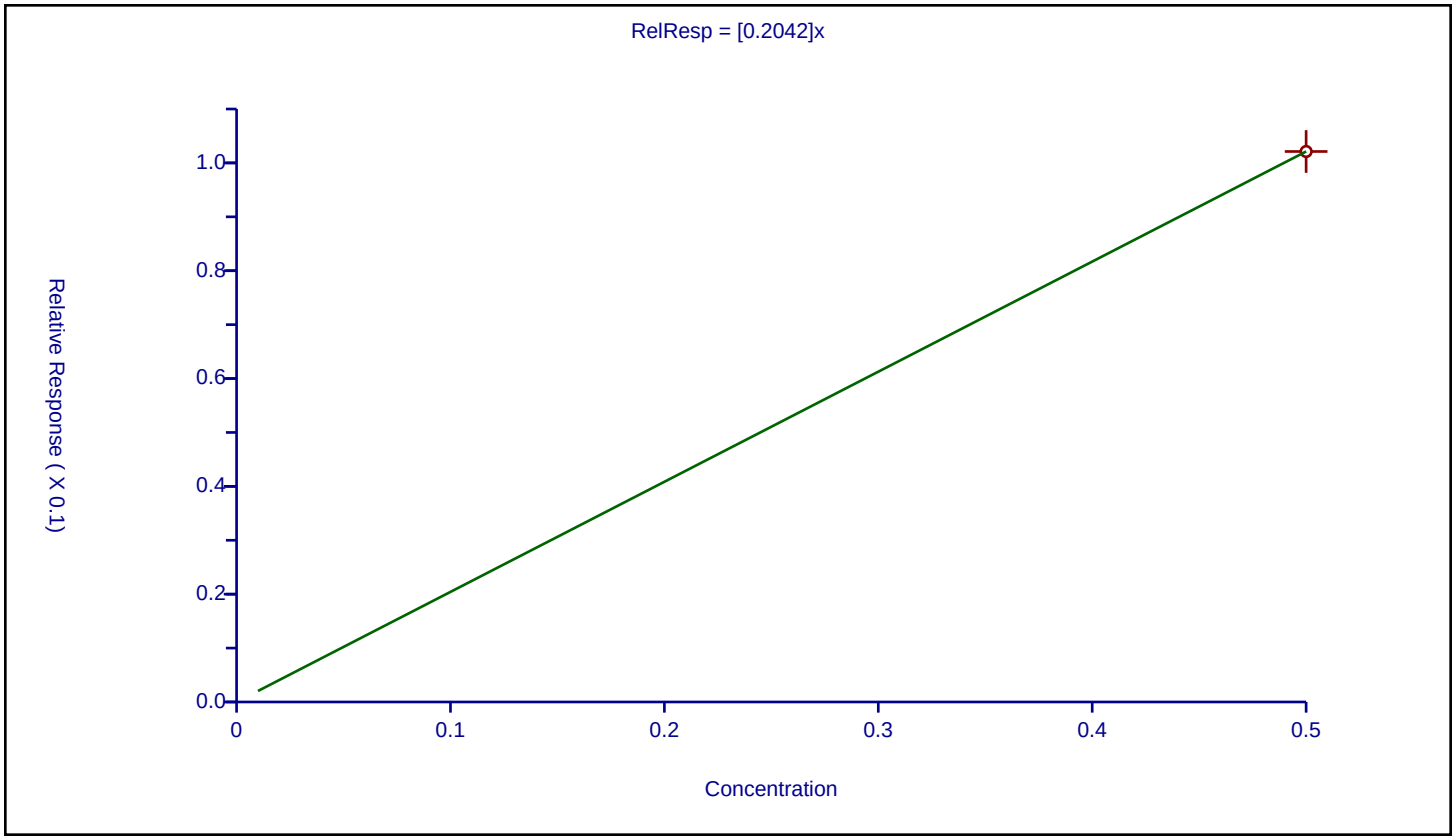
Curve Coefficients

Intercept:	0
Slope:	0.2042

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-836323/2	0.5	0.102118	40.0	529974.0	0.204236	Y



Calibration / Carbamazepine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

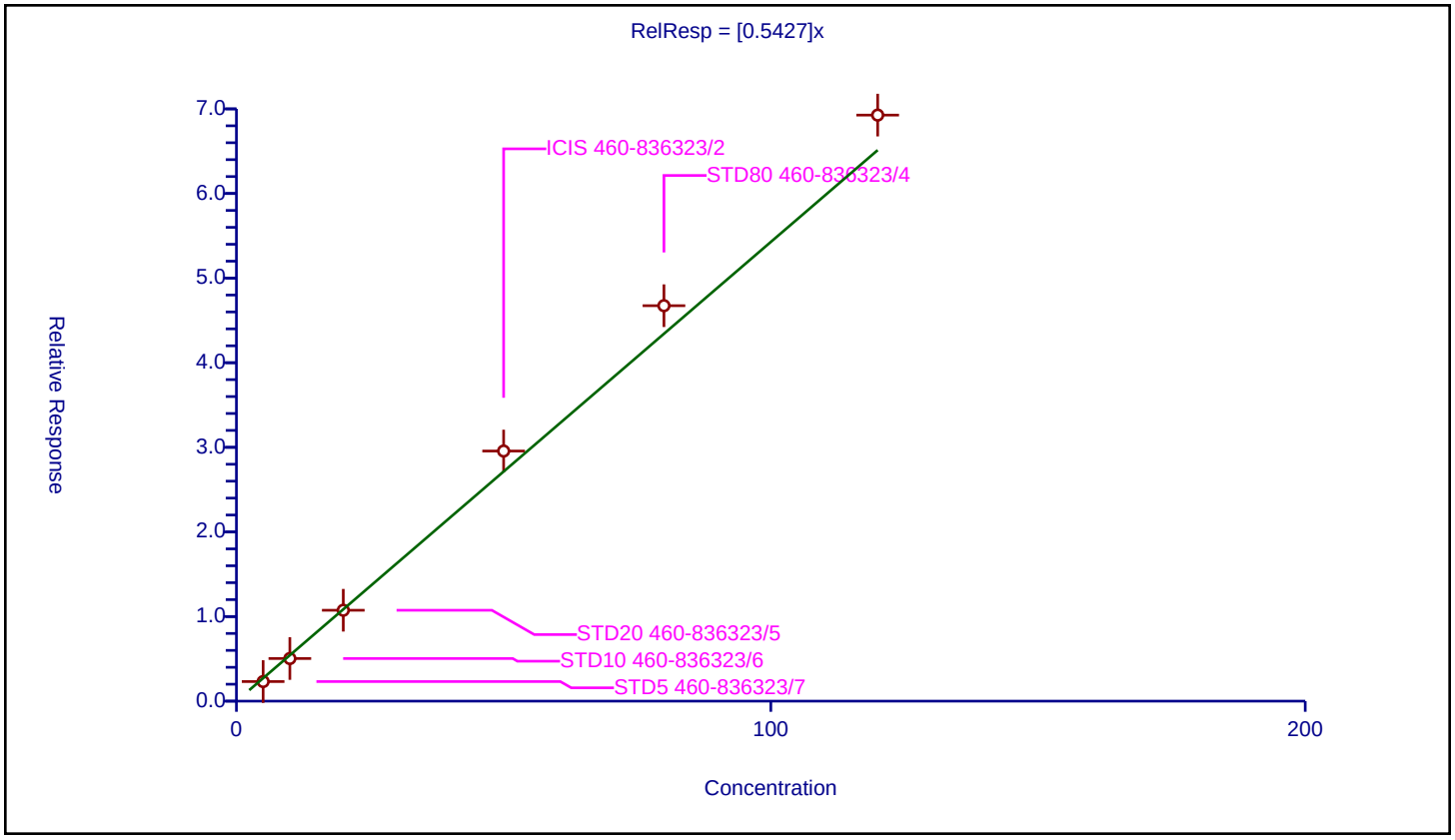
Curve Coefficients

Intercept:	0
Slope:	0.5427

Error Coefficients

Standard Error:	574000
Relative Standard Error:	9.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	2.31391	40.0	560644.0	0.462782	Y
2	STD10 460-836323/6	10.0	5.037062	40.0	595760.0	0.503706	Y
3	STD20 460-836323/5	20.0	10.742463	40.0	594683.0	0.537123	Y
4	ICIS 460-836323/2	50.0	29.562129	40.0	529974.0	0.591243	Y
5	STD80 460-836323/4	80.0	46.738956	40.0	584779.0	0.584237	Y
6	STD120 460-836323/3	120.0	69.26656	40.0	576434.0	0.577221	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

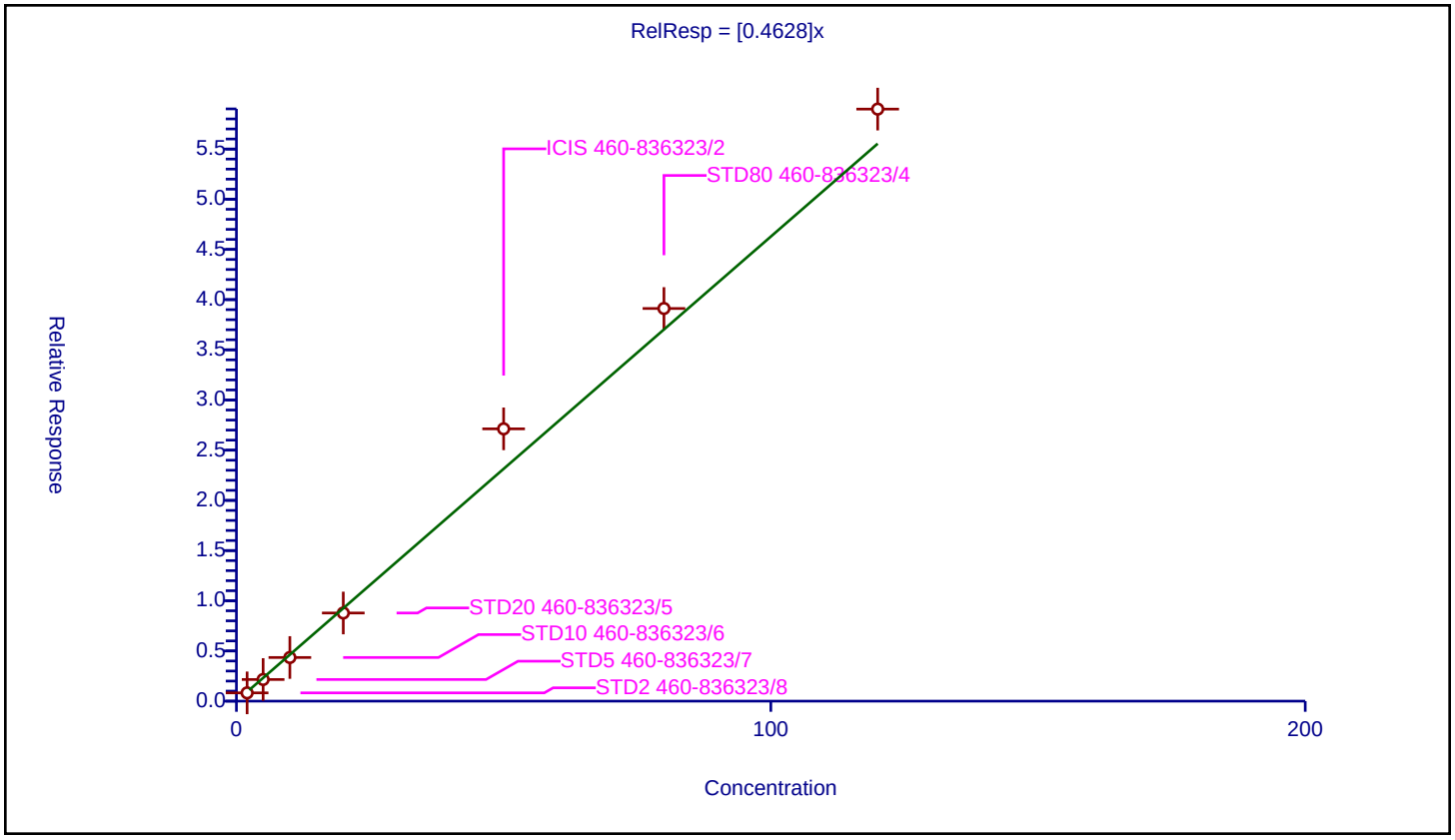
Curve Coefficients

Intercept:	0
Slope:	0.4628

Error Coefficients

Standard Error:	447000
Relative Standard Error:	10.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-836323/8	2.0	0.822626	40.0	552037.0	0.411313	Y
2	STD5 460-836323/7	5.0	2.156734	40.0	560644.0	0.431347	Y
3	STD10 460-836323/6	10.0	4.348731	40.0	595760.0	0.434873	Y
4	STD20 460-836323/5	20.0	8.779804	40.0	594683.0	0.43899	Y
5	ICIS 460-836323/2	50.0	27.126161	40.0	529974.0	0.542523	Y
6	STD80 460-836323/4	80.0	39.116521	40.0	584779.0	0.488957	Y
7	STD120 460-836323/3	120.0	58.978478	40.0	576434.0	0.491487	Y



Calibration / Benzo[a]anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

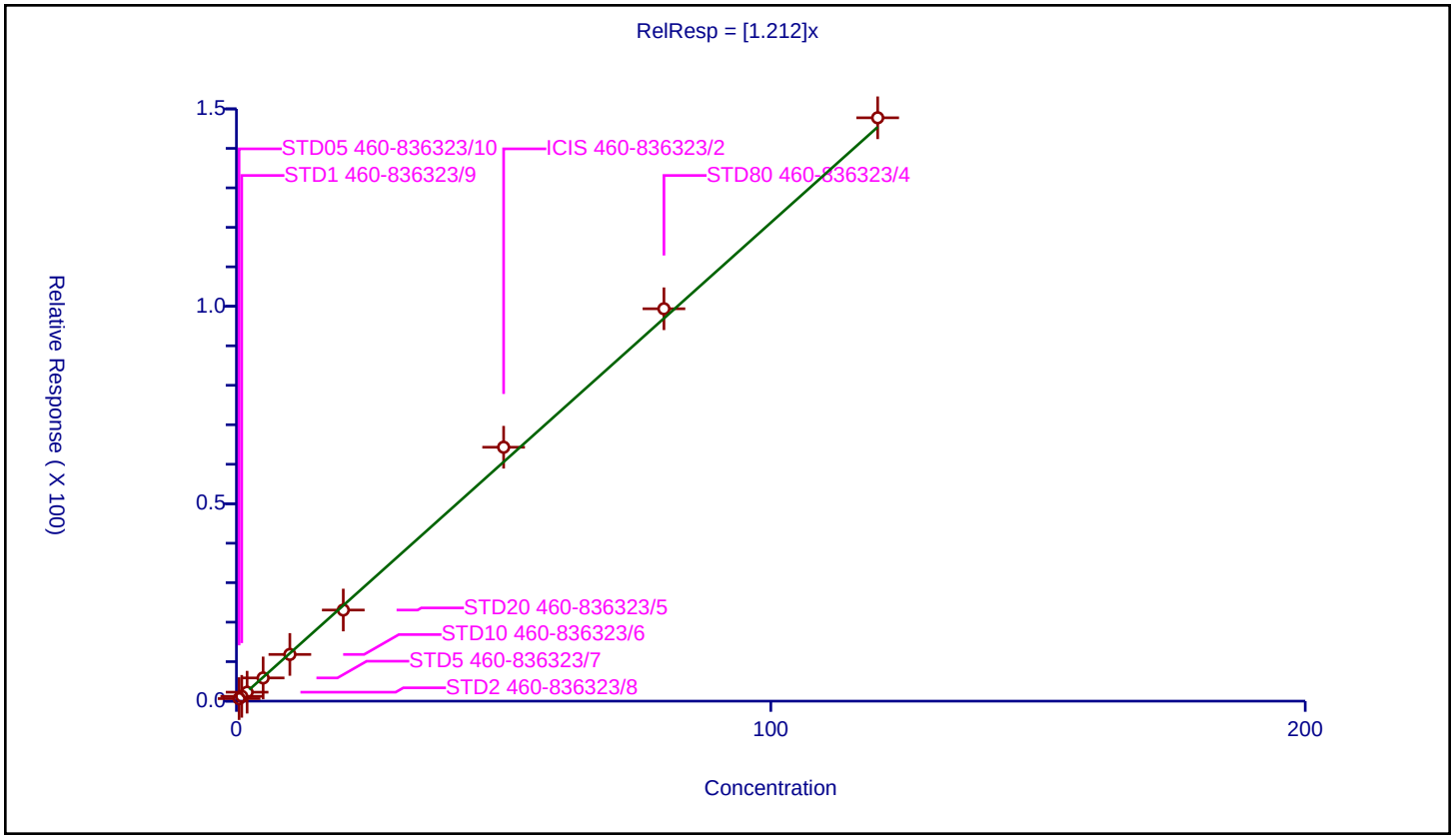
Curve Coefficients

Intercept:	0
Slope:	1.212

Error Coefficients

Standard Error:	970000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836323/10	0.5	0.641383	40.0	538150.0	1.282765	Y
2	STD1 460-836323/9	1.0	1.216789	40.0	542937.0	1.216789	Y
3	STD2 460-836323/8	2.0	2.268689	40.0	552037.0	1.134344	Y
4	STD5 460-836323/7	5.0	5.877313	40.0	560644.0	1.175463	Y
5	STD10 460-836323/6	10.0	11.830871	40.0	595760.0	1.183087	Y
6	STD20 460-836323/5	20.0	23.075084	40.0	594683.0	1.153754	Y
7	ICIS 460-836323/2	50.0	64.311985	40.0	529974.0	1.28624	Y
8	STD80 460-836323/4	80.0	99.379287	40.0	584779.0	1.242241	Y
9	STD120 460-836323/3	120.0	147.749925	40.0	576434.0	1.231249	Y



Calibration / Chrysene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

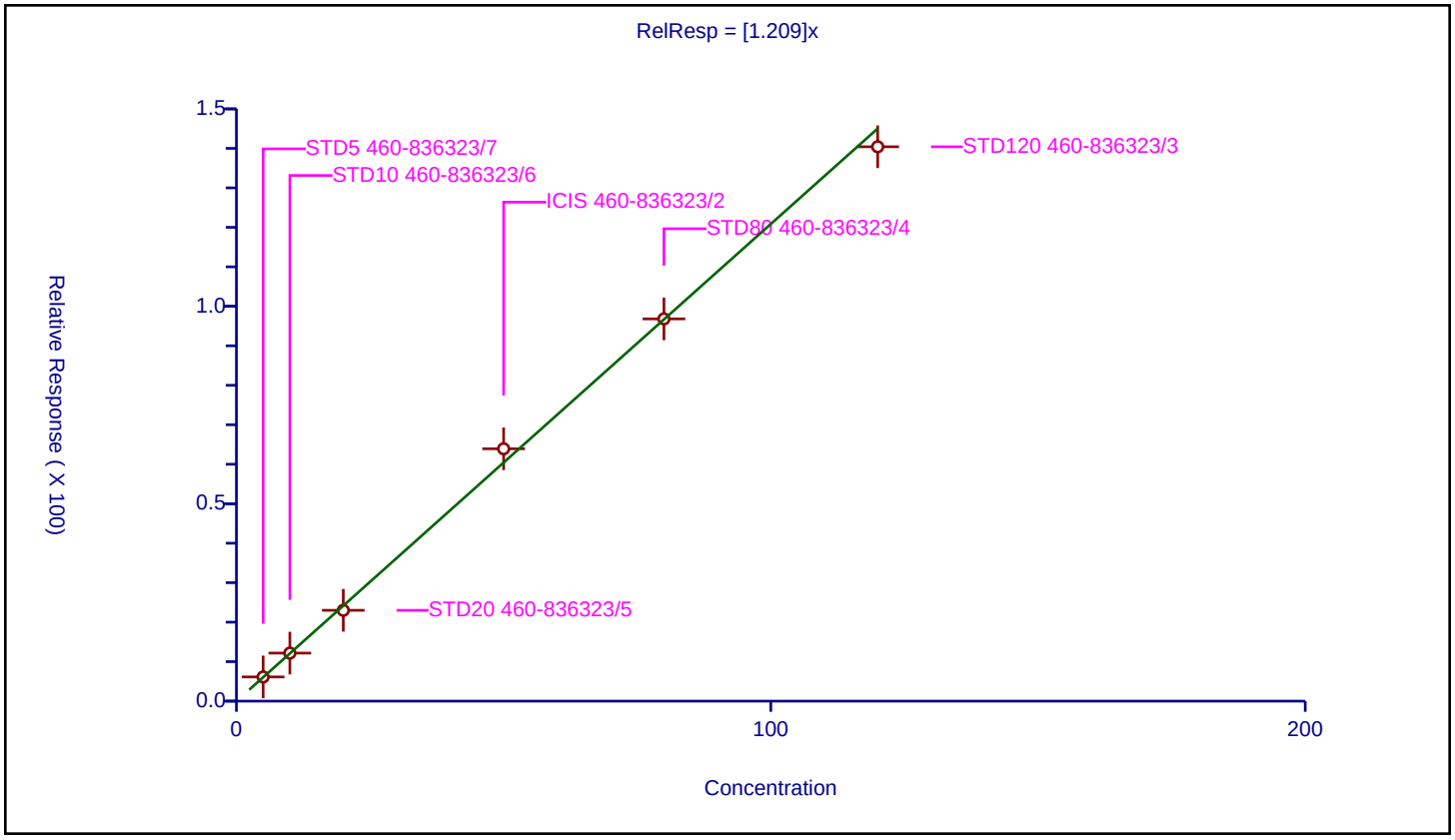
Curve Coefficients

Intercept:	0
Slope:	1.209

Error Coefficients

Standard Error:	1180000
Relative Standard Error:	3.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	6.127025	40.0	560644.0	1.225405	Y
2	STD10 460-836323/6	10.0	12.168121	40.0	595760.0	1.216812	Y
3	STD20 460-836323/5	20.0	23.005265	40.0	594683.0	1.150263	Y
4	ICIS 460-836323/2	50.0	63.916268	40.0	529974.0	1.278325	Y
5	STD80 460-836323/4	80.0	96.815241	40.0	584779.0	1.210191	Y
6	STD120 460-836323/3	120.0	140.406014	40.0	576434.0	1.17005	Y



Calibration / Bis(2-ethylhexyl) phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

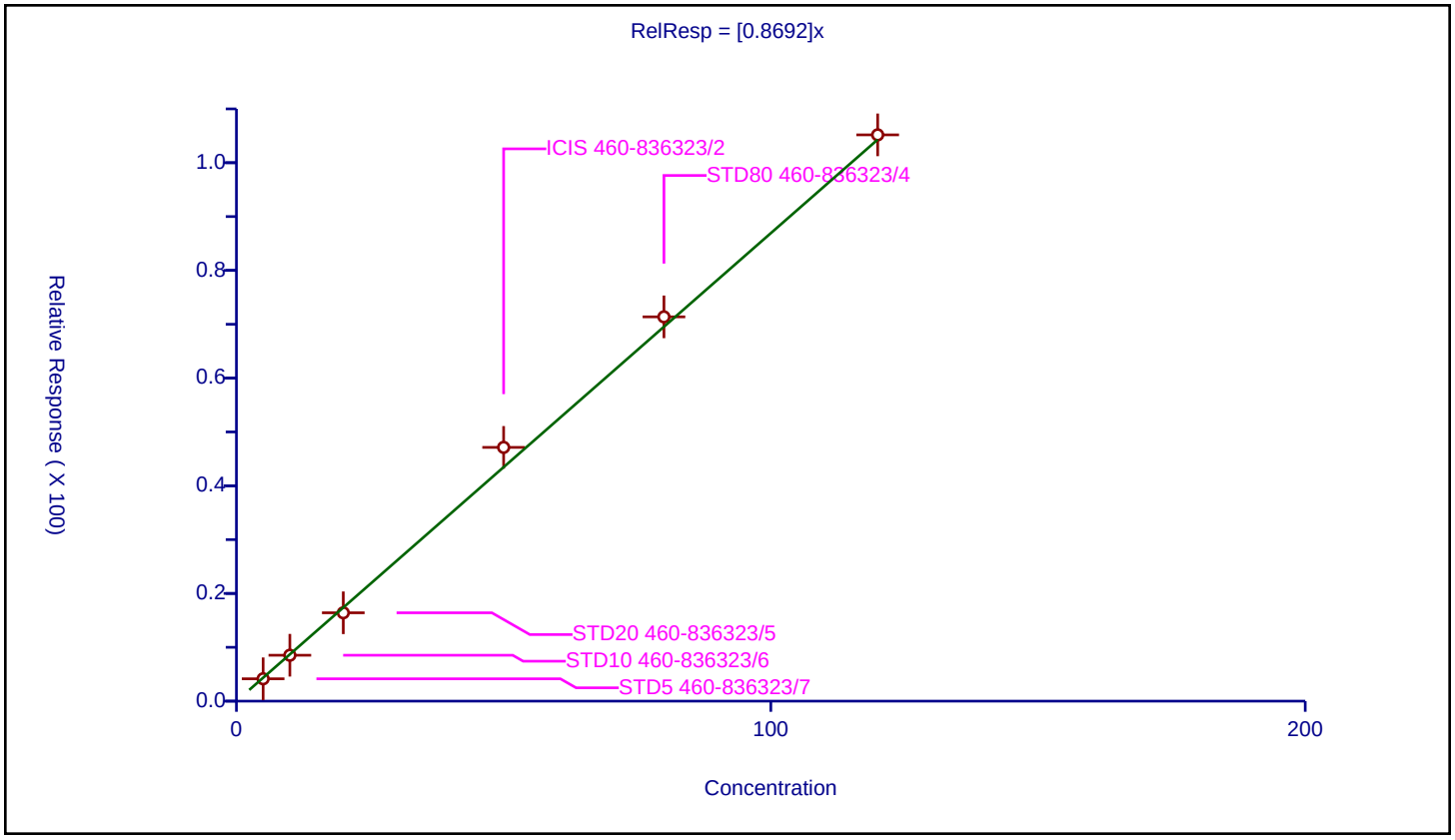
Curve Coefficients

Intercept:	0
Slope:	0.8692

Error Coefficients

Standard Error:	878000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	4.153224	40.0	560644.0	0.830645	Y
2	STD10 460-836323/6	10.0	8.526051	40.0	595760.0	0.852605	Y
3	STD20 460-836323/5	20.0	16.409146	40.0	594683.0	0.820457	Y
4	ICIS 460-836323/2	50.0	47.131444	40.0	529974.0	0.942629	Y
5	STD80 460-836323/4	80.0	71.374451	40.0	584779.0	0.892181	Y
6	STD120 460-836323/3	120.0	105.175475	40.0	576434.0	0.876462	Y



Calibration / Di-n-octyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

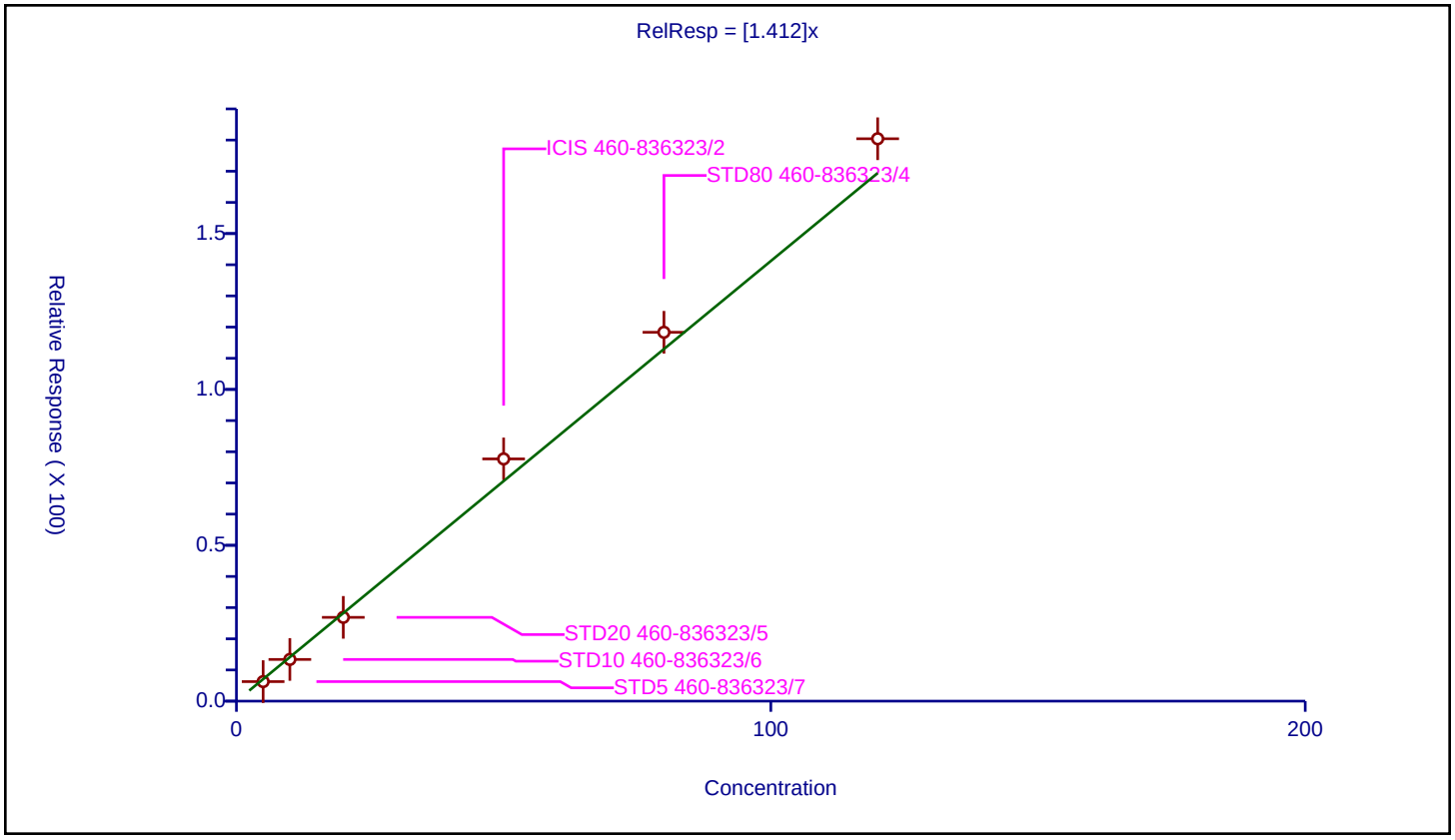
Curve Coefficients

Intercept:	0
Slope:	1.412

Error Coefficients

Standard Error:	1520000
Relative Standard Error:	8.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	6.265119	40.0	589154.0	1.253024	Y
2	STD10 460-836323/6	10.0	13.376248	40.0	620150.0	1.337625	Y
3	STD20 460-836323/5	20.0	26.875612	40.0	618281.0	1.343781	Y
4	ICIS 460-836323/2	50.0	77.710825	40.0	553160.0	1.554217	Y
5	STD80 460-836323/4	80.0	118.337795	40.0	608156.0	1.479222	Y
6	STD120 460-836323/3	120.0	180.424282	40.0	583668.0	1.503536	Y



Calibration / Benzo[b]fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

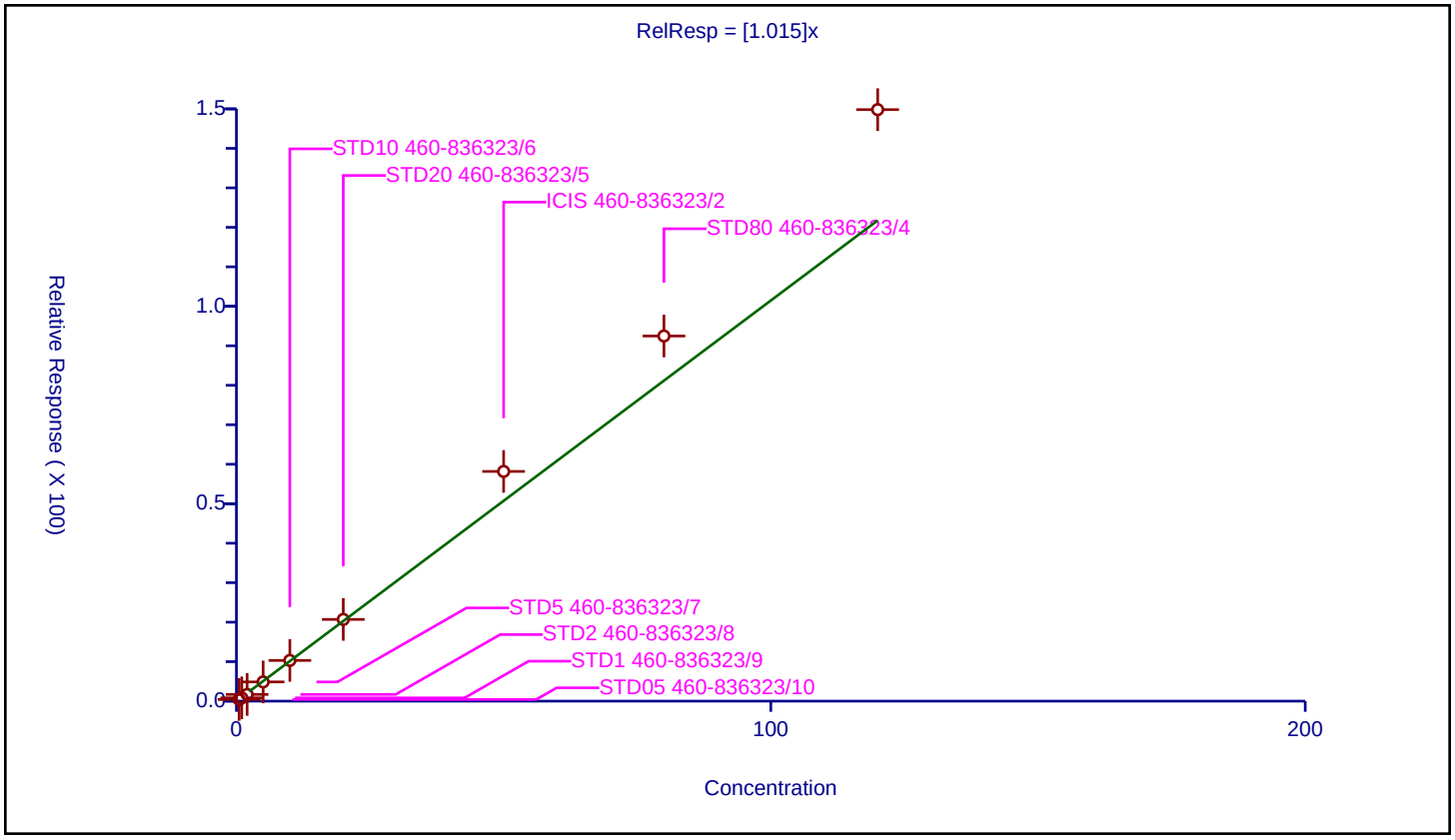
Curve Coefficients

Intercept:	0
Slope:	1.015

Error Coefficients

Standard Error:	971000
Relative Standard Error:	15.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836323/10	0.5	0.419236	40.0	564456.0	0.838471	Y
2	STD1 460-836323/9	1.0	0.835883	40.0	572281.0	0.835883	Y
3	STD2 460-836323/8	2.0	1.69854	40.0	575294.0	0.84927	Y
4	STD5 460-836323/7	5.0	4.869695	40.0	589154.0	0.973939	Y
5	STD10 460-836323/6	10.0	10.309957	40.0	620150.0	1.030996	Y
6	STD20 460-836323/5	20.0	20.702367	40.0	618281.0	1.035118	Y
7	ICIS 460-836323/2	50.0	58.176875	40.0	553160.0	1.163537	Y
8	STD80 460-836323/4	80.0	92.476799	40.0	608156.0	1.15596	Y
9	STD120 460-836323/3	120.0	149.811605	40.0	583668.0	1.24843	Y



Calibration / Benzo[k]fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

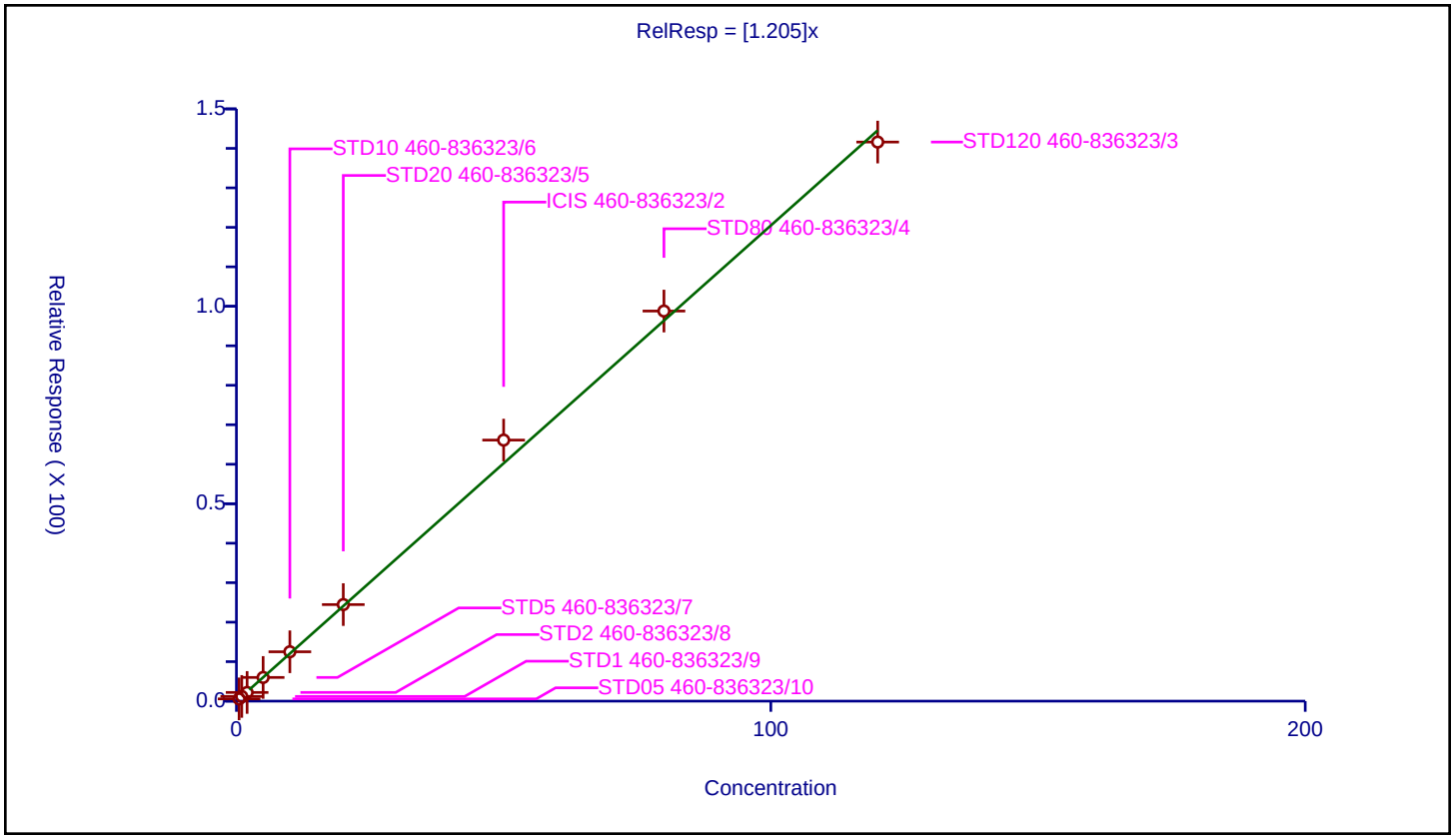
Curve Coefficients

Intercept:	0
Slope:	1.205

Error Coefficients

Standard Error:	971000
Relative Standard Error:	5.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836323/10	0.5	0.570461	40.0	564456.0	1.140922	Y
2	STD1 460-836323/9	1.0	1.189206	40.0	572281.0	1.189206	Y
3	STD2 460-836323/8	2.0	2.202283	40.0	575294.0	1.101141	Y
4	STD5 460-836323/7	5.0	6.000401	40.0	589154.0	1.20008	Y
5	STD10 460-836323/6	10.0	12.50104	40.0	620150.0	1.250104	Y
6	STD20 460-836323/5	20.0	24.455547	40.0	618281.0	1.222777	Y
7	ICIS 460-836323/2	50.0	66.120471	40.0	553160.0	1.322409	Y
8	STD80 460-836323/4	80.0	98.801097	40.0	608156.0	1.235014	Y
9	STD120 460-836323/3	120.0	141.599402	40.0	583668.0	1.179995	Y



Calibration / Benzo[a]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

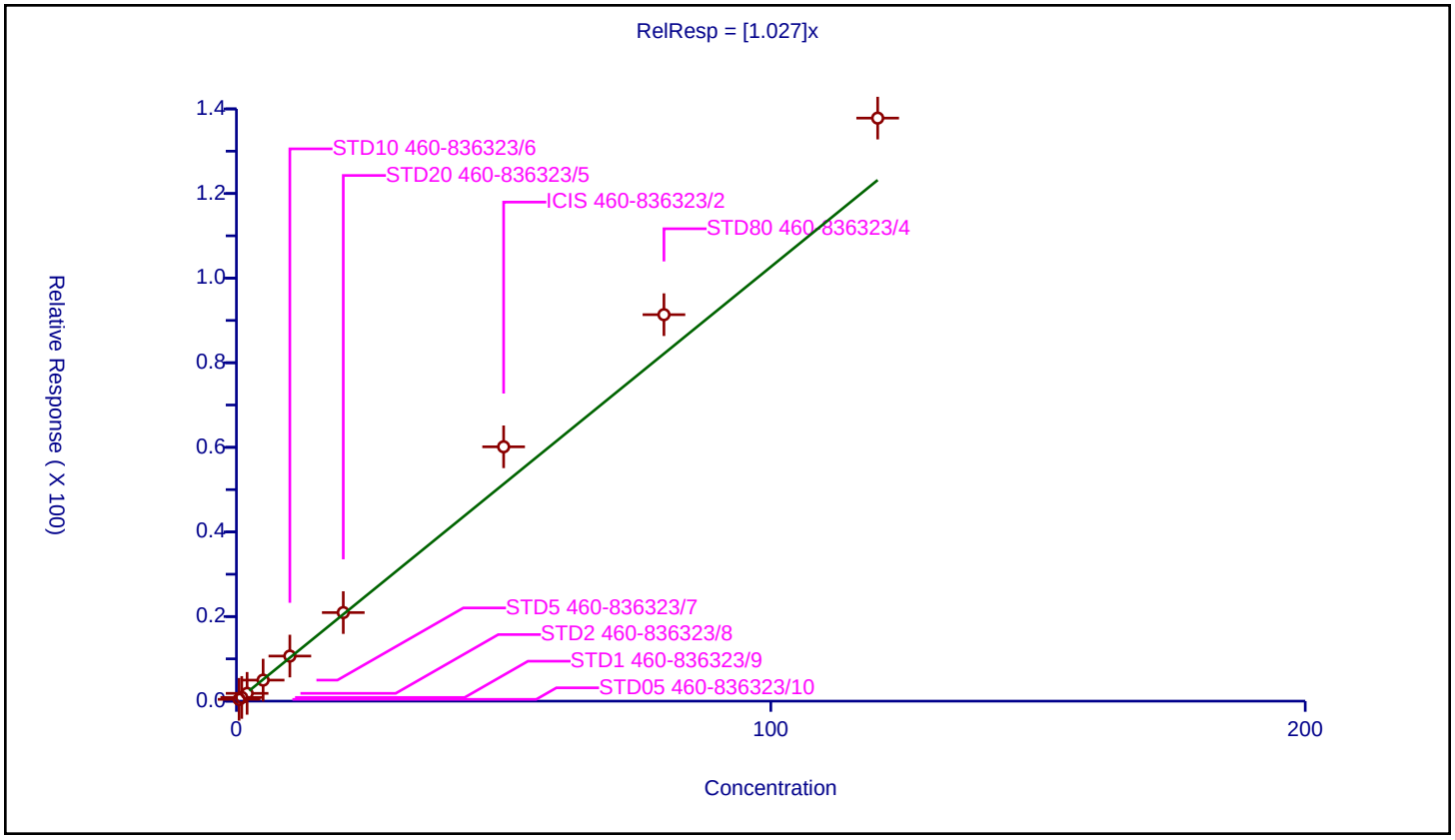
Curve Coefficients

Intercept:	0
Slope:	1.027

Error Coefficients

Standard Error:	922000
Relative Standard Error:	12.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836323/10	0.5	0.425117	40.0	564456.0	0.850235	Y
2	STD1 460-836323/9	1.0	0.869014	40.0	572281.0	0.869014	Y
3	STD2 460-836323/8	2.0	1.84045	40.0	575294.0	0.920225	Y
4	STD5 460-836323/7	5.0	4.967937	40.0	589154.0	0.993587	Y
5	STD10 460-836323/6	10.0	10.658454	40.0	620150.0	1.065845	Y
6	STD20 460-836323/5	20.0	20.939929	40.0	618281.0	1.046996	Y
7	ICIS 460-836323/2	50.0	60.125389	40.0	553160.0	1.202508	Y
8	STD80 460-836323/4	80.0	91.35531	40.0	608156.0	1.141941	Y
9	STD120 460-836323/3	120.0	137.823626	40.0	583668.0	1.14853	Y



Calibration / Indeno[1,2,3-cd]pyrene

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

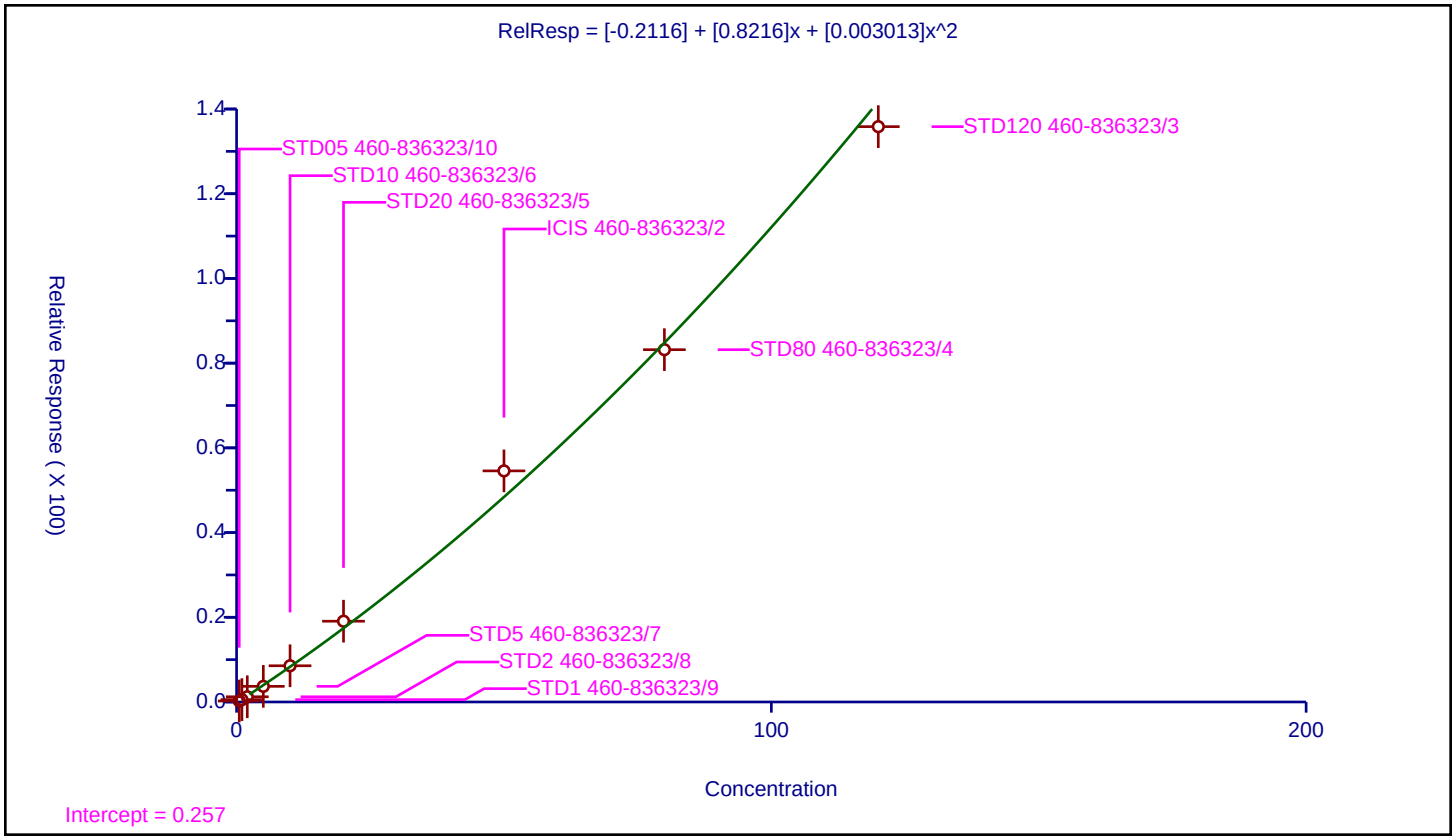
Curve Coefficients

Intercept:	-0.2116
Slope:	0.8216
Second Order:	0.003013

Error Coefficients

Standard Error:	1020000
Relative Standard Error:	9.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836323/10	0.5	0.227405	40.0	564456.0	0.45481	Y
2	STD1 460-836323/9	1.0	0.558816	40.0	572281.0	0.558816	Y
3	STD2 460-836323/8	2.0	1.23297	40.0	575294.0	0.616485	Y
4	STD5 460-836323/7	5.0	3.690852	40.0	589154.0	0.73817	Y
5	STD10 460-836323/6	10.0	8.553092	40.0	620150.0	0.855309	Y
6	STD20 460-836323/5	20.0	19.07107	40.0	618281.0	0.953553	Y
7	ICIS 460-836323/2	50.0	54.563887	40.0	553160.0	1.091278	Y
8	STD80 460-836323/4	80.0	83.180039	40.0	608156.0	1.03975	Y
9	STD120 460-836323/3	120.0	135.837085	40.0	583668.0	1.131976	Y



Calibration / Dibenz(a,h)anthracene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

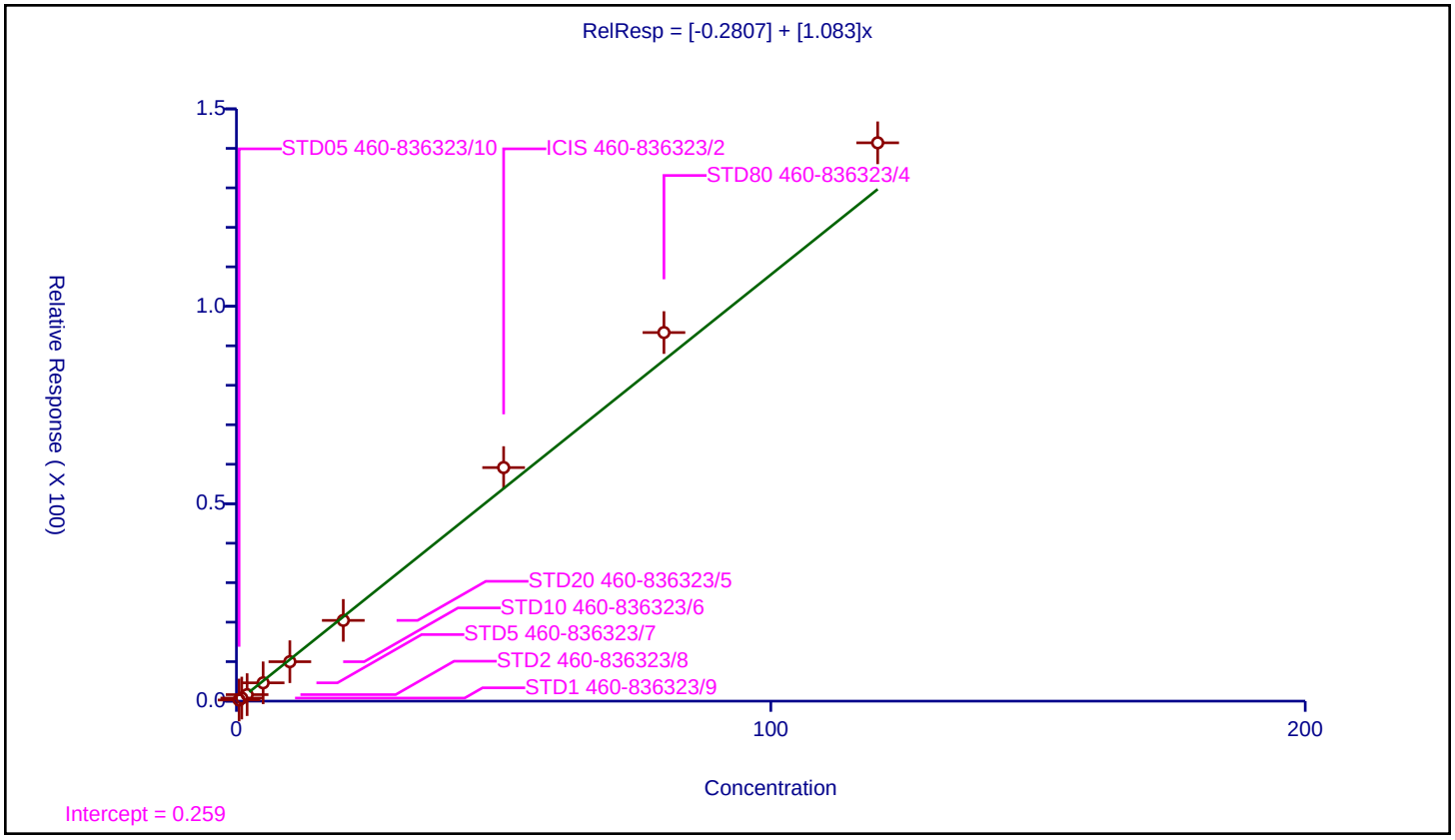
Curve Coefficients

Intercept:	-0.2807
Slope:	1.083

Error Coefficients

Standard Error:	1000000
Relative Standard Error:	8.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836323/10	0.5	0.287782	40.0	564456.0	0.575563	Y
2	STD1 460-836323/9	1.0	0.777171	40.0	572281.0	0.777171	Y
3	STD2 460-836323/8	2.0	1.647575	40.0	575294.0	0.823787	Y
4	STD5 460-836323/7	5.0	4.635868	40.0	589154.0	0.927174	Y
5	STD10 460-836323/6	10.0	9.987326	40.0	620150.0	0.998733	Y
6	STD20 460-836323/5	20.0	20.448566	40.0	618281.0	1.022428	Y
7	ICIS 460-836323/2	50.0	59.159231	40.0	553160.0	1.183185	Y
8	STD80 460-836323/4	80.0	93.356968	40.0	608156.0	1.166962	Y
9	STD120 460-836323/3	120.0	141.410185	40.0	583668.0	1.178418	Y



Calibration / Benzo[g,h,i]perylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

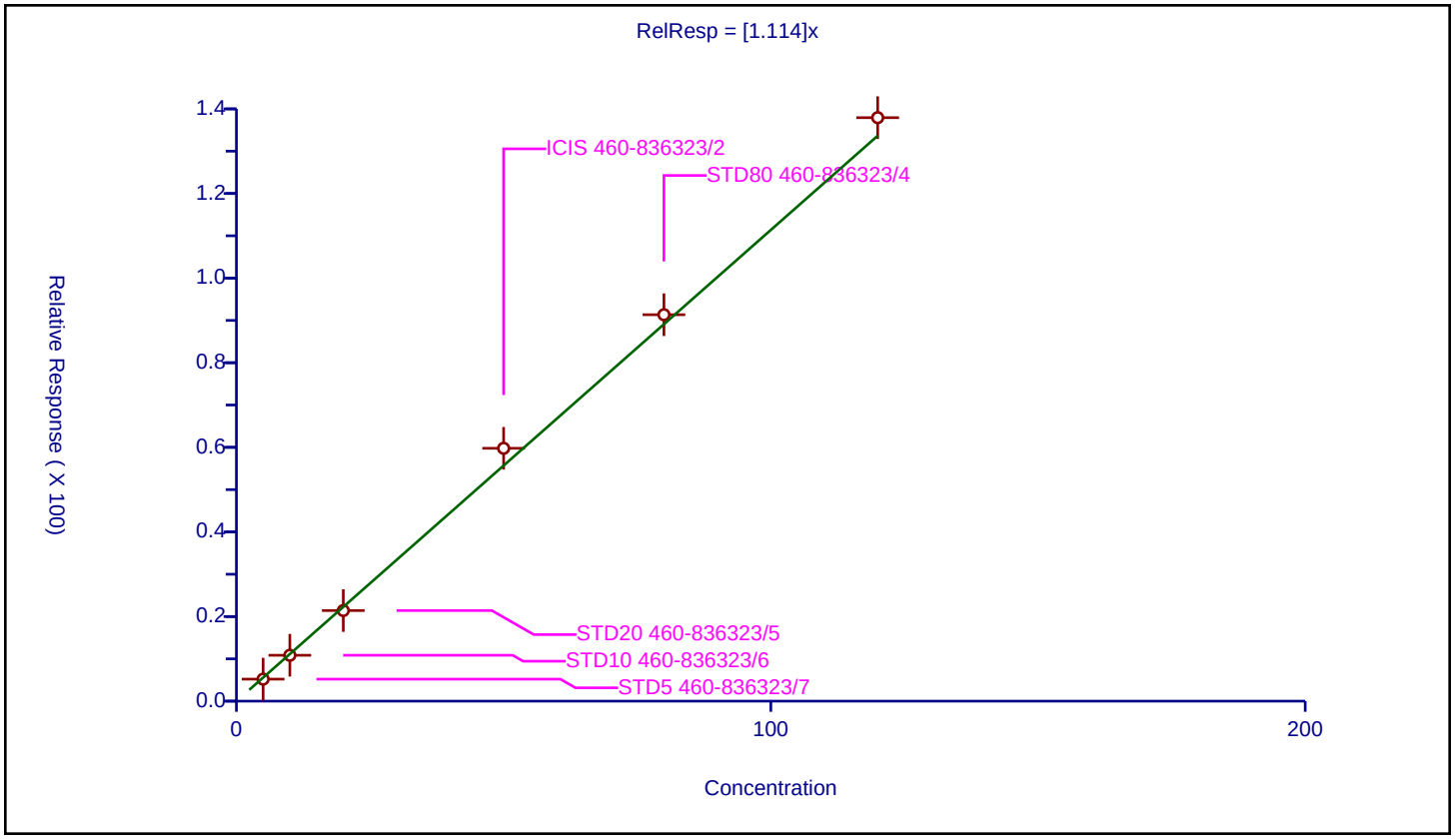
Curve Coefficients

Intercept:	0
Slope:	1.114

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836323/7	5.0	5.203869	40.0	589154.0	1.040774	Y
2	STD10 460-836323/6	10.0	10.843312	40.0	620150.0	1.084331	Y
3	STD20 460-836323/5	20.0	21.417317	40.0	618281.0	1.070866	Y
4	ICIS 460-836323/2	50.0	59.770844	40.0	553160.0	1.195417	Y
5	STD80 460-836323/4	80.0	91.344918	40.0	608156.0	1.141811	Y
6	STD120 460-836323/3	120.0	137.924436	40.0	583668.0	1.14937	Y



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID (1): ICIS 460-836323/2 Instrument ID (1): CBNAMS15

GC Column (1): Rtxi-5Sil MS ID: 0.25(mm) Date Analyzed (1): 03/30/2022 08:33

ANALYTE	RT	RESOLUTION (%)
Phenanthrene	6.75	0.60
Benzo[a]anthracene	8.77	7.00
Benzo[b]fluoranthene	9.79	31.10

Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460645.D
Injection Date: 30-Mar-2022 08:33:45 Instrument ID: CBNAMS15
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL

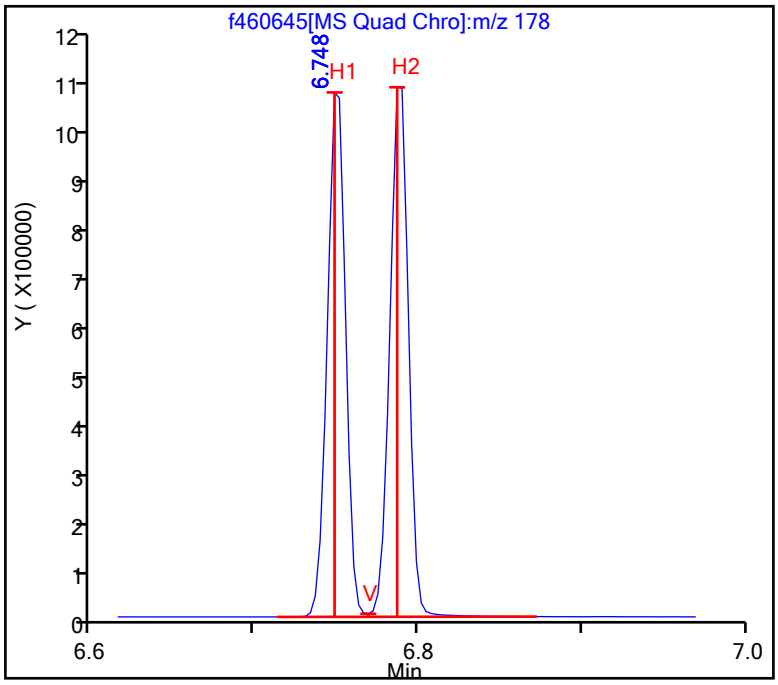
84 Phenanthrene - 85 Anthracene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 5773
H1(84 Phenanthrene) = 1003871
H2(85 Anthracene) = 1013663

Version D: %R = 0.6 <= 50.0
Passed



Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460645.D
Injection Date: 30-Mar-2022 08:33:45 Instrument ID: CBNAMS15
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL

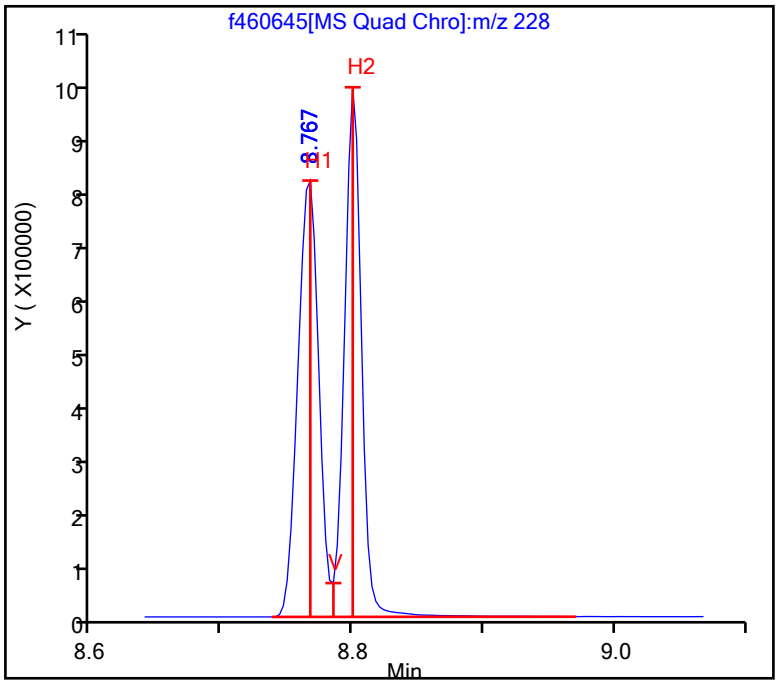
100 Benzo[a]anthracene - 101 Chrysene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 58939
H1(100 Benzo[a]anthracene) = 760193
H2(101 Chrysene) = 922718

Version D: %R = 7.0 <= 50.0
Passed



Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460645.D
Injection Date: 30-Mar-2022 08:33:45 Instrument ID: CBNAMS15
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL

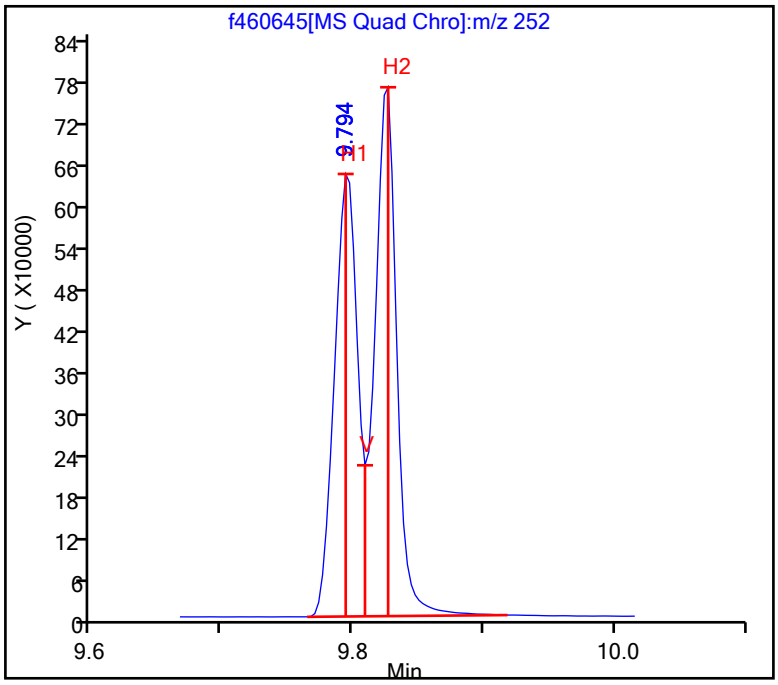
104 Benzo[b]fluoranthene - 105 Benzo[k]fluoranthene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 219273
H1(104 BenzoBFluor) = 642416
H2(105 BenzoKFluor) = 767763

Version D: %R = 31.1 <= 50.0
Passed



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID (1): CCVIS 460-837819/2 Instrument ID (1): CBNAMS15

GC Column (1): Rtxi-5Sil MS ID: 0.25(mm) Date Analyzed (1): 04/07/2022 08:30

ANALYTE	RT	RESOLUTION (%)
Phenanthrene	6.77	0.50
Benzo[a]anthracene	8.79	6.70
Benzo[b]fluoranthene	9.82	30.90

Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460951.D
Injection Date: 07-Apr-2022 08:30:37 Instrument ID: CBNAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL

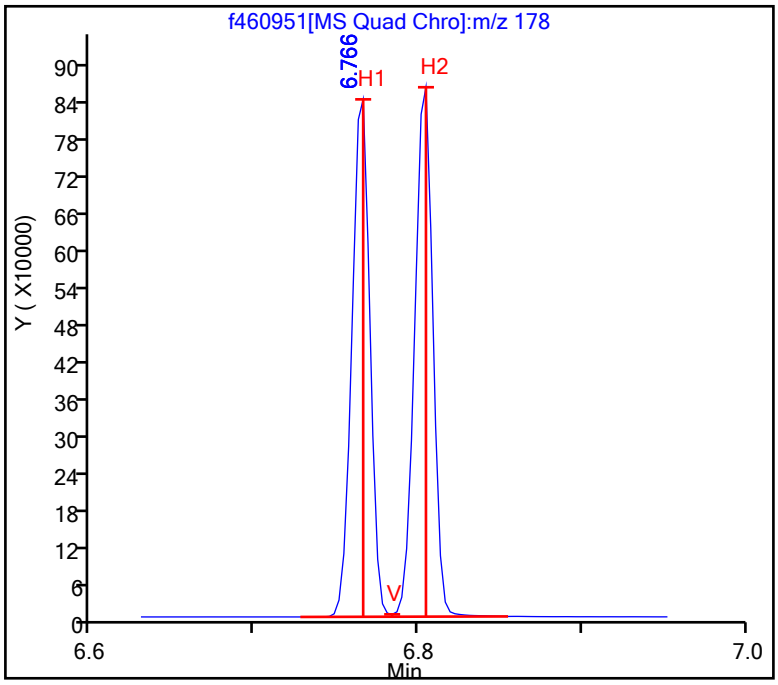
84 Phenanthrene - 85 Anthracene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 3838
H1(84 Phenanthrene) = 835612
H2(85 Anthracene) = 854921

Version D: %R = 0.5 <= 50.0
Passed



Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460951.D
Injection Date: 07-Apr-2022 08:30:37 Instrument ID: CBNAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL

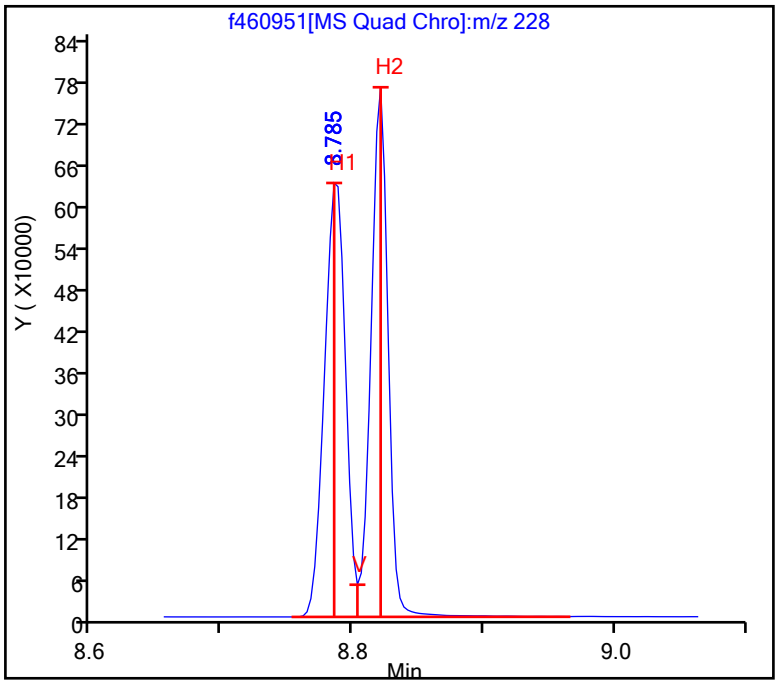
100 Benzo[a]anthracene - 101 Chrysene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 46416
H1(100 Benzo[a]anthracene) = 625752
H2(101 Chrysene) = 763755

Version D: %R = 6.7 <= 50.0
Passed



Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460951.D
Injection Date: 07-Apr-2022 08:30:37 Instrument ID: CBNAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL

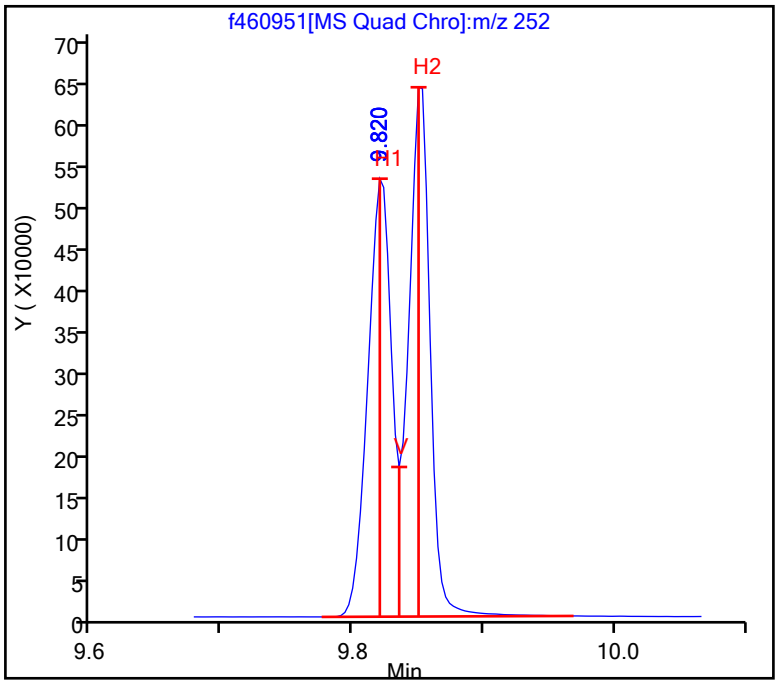
104 Benzo[b]fluoranthene - 105 Benzo[k]fluoranthene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 182194
H1(104 BenzoBFluor) = 533307
H2(105 BenzoKFluor) = 644460

Version D: %R = 30.9 <= 50.0
Passed



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: ICV 460-836323/11 Calibration Date: 03/30/2022 11:09

Instrument ID: CBNAMS15 Calib Start Date: 03/30/2022 08:33

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/30/2022 10:52

Lab File ID: f460654.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5254	0.5211		49600	50000	-0.8	30.0
N-Nitrosodimethylamine	Ave	0.7816	0.7432		47500	50000	-4.9	30.0
Pyridine	Ave	1.336	1.219		91300	100000	-8.7	30.0
Benzaldehyde	Ave	1.140	0.5669	0.0100	9940	20000	-50.3*	30.0
Phenol	Ave	1.693	1.612	0.8000	47600	50000	-4.8	30.0
Aniline	Ave	2.020	1.955		48400	50000	-3.2	30.0
Bis(2-chloroethyl)ether	Ave	1.357	1.311	0.7000	48300	50000	-3.3	30.0
2-Chlorophenol	Ave	1.398	1.335	0.8000	47700	50000	-4.5	30.0
n-Decane	Ave	1.642	1.531		46600	50000	-6.8	30.0
1,3-Dichlorobenzene	Ave	1.514	1.464		48300	50000	-3.3	30.0
1,4-Dichlorobenzene	Ave	1.546	1.481		47900	50000	-4.2	30.0
Benzyl alcohol	Ave	0.9236	0.9018		48800	50000	-2.4	30.0
1,2-Dichlorobenzene	Ave	1.454	1.406		48400	50000	-3.3	30.0
2-Methylphenol	Ave	1.238	1.205	0.7000	48700	50000	-2.7	30.0
2,2'-oxybis[1-chloropropane]	Ave	2.015	1.938	0.0100	48100	50000	-3.8	30.0
N-Methylaniline	Ave	2.171	2.063		47500	50000	-5.0	30.0
3 & 4 Methylphenol	Ave	1.429	1.392		48700	50000	-2.6	30.0
4-Methylphenol	Ave	1.429	1.392	0.6000	48700	50000	-2.6	30.0
Acetophenone	Ave	2.016	1.950	0.0100	48400	50000	-3.2	30.0
N-Nitrosodi-n-propylamine	Ave	0.8906	0.8682	0.5000	48700	50000	-2.5	30.0
Hexachloroethane	Ave	0.6057	0.5913	0.3000	48800	50000	-2.4	30.0
Nitrobenzene	Ave	0.6662	0.6706	0.2000	50300	50000	0.7	30.0
n,n'-Dimethylaniline	Ave	2.163	2.175		50300	50000	0.5	30.0
Isophorone	Ave	0.6886	0.6709	0.4000	48700	50000	-2.6	30.0
2-Nitrophenol	Ave	0.1858	0.1816	0.1000	48900	50000	-2.3	30.0
2,4-Dimethylphenol	Ave	0.3094	0.2980	0.2000	48200	50000	-3.7	30.0
Bis(2-chloroethoxy)methane	Ave	0.4266	0.4071	0.3000	47700	50000	-4.6	30.0
Benzoic acid	Ave	0.2053	0.2149		52300	50000	4.7	30.0
2,4-Dichlorophenol	Ave	0.2893	0.2858	0.2000	49400	50000	-1.2	30.0
1,2,4-Trichlorobenzene	Ave	0.3052	0.3095		50700	50000	1.4	30.0
Naphthalene	Ave	1.031	0.9914	0.7000	48100	50000	-3.9	30.0
4-Chloroaniline	Ave	0.4448	0.4282	0.0100	48100	50000	-3.7	30.0
Hexachlorobutadiene	Ave	0.1878	0.1799	0.0100	47900	50000	-4.2	30.0
Caprolactam	Ave	0.1147	0.1065	0.0100	18600	20000	-7.1	30.0
4-Chloro-3-methylphenol	Ave	0.2988	0.2858	0.2000	47800	50000	-4.4	30.0
2-Methylnaphthalene	Ave	0.7087	0.6765	0.4000	47700	50000	-4.5	30.0
1-Methylnaphthalene	Ave	0.6539	0.6288		48100	50000	-3.8	30.0
Hexachlorocyclopentadiene	Ave	0.3499	0.3571	0.0500	51000	50000	2.1	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5560	0.5679	0.0100	51100	50000	2.1	30.0
2-tertbutyl-4-methylphenol	Ave	0.4423	0.4389		49600	50000	-0.8	30.0
2,4,6-Trichlorophenol	Ave	0.3698	0.3849	0.2000	52000	50000	4.1	30.0
2,4,5-Trichlorophenol	Ave	0.4102	0.4150	0.2000	50600	50000	1.2	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Lab Sample ID: ICV 460-836323/11 | Calibration Date: 03/30/2022 11:09

Instrument ID: CBNAMS15 | Calib Start Date: 03/30/2022 08:33

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 03/30/2022 10:52

Lab File ID: f460654.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1'-Biphenyl	Ave	1.461	1.473	0.0100	50400	50000	0.9	30.0
2-Chloronaphthalene	Ave	1.128	1.155	0.8000	51200	50000	2.4	30.0
Phenyl ether	Ave	0.8047	0.8133		50500	50000	1.1	30.0
2-Nitroaniline	Ave	0.4687	0.4733	0.0100	50500	50000	1.0	30.0
1,3-Dimethylnaphthalene	Ave	0.9354	0.9925		53100	50000	6.1	30.0
Dimethyl phthalate	Ave	1.302	1.334	0.0100	51200	50000	2.5	30.0
Coumarin	Ave	0.2642	0.2655		50300	50000	0.5	30.0
2,6-Dinitrotoluene	Ave	0.2764	0.2895	0.2000	52400	50000	4.8	30.0
Acenaphthylene	Ave	1.803	1.742	0.9000	48300	50000	-3.4	30.0
3-Nitroaniline	Ave	0.3337	0.3396	0.0100	50900	50000	1.8	30.0
Acenaphthene	Ave	1.041	1.068	0.9000	51300	50000	2.6	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9929	1.034		52100	50000	4.1	30.0
2,4-Dinitrophenol	Lin1		0.1577	0.0100	91600	100000	-8.4	30.0
4-Nitrophenol	Ave	0.2712	0.2794	0.0100	103000	100000	3.0	30.0
2,4-Dinitrotoluene	Ave	0.3718	0.4119	0.2000	55400	50000	10.8	30.0
Dibenzofuran	Ave	1.592	1.629	0.8000	51200	50000	2.3	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.3237	0.3386	0.0100	52300	50000	4.6	30.0
Diethyl phthalate	Ave	1.317	1.325	0.0100	50300	50000	0.6	30.0
Fluorene	Ave	1.278	1.289	0.9000	50400	50000	0.8	30.0
4-Chlorophenyl phenyl ether	Ave	0.6168	0.6240	0.4000	50600	50000	1.2	30.0
4-Nitroaniline	Ave	0.3278	0.3290	0.0100	50200	50000	0.4	30.0
4,6-Dinitro-2-methylphenol	Lin2		0.1154	0.0100	97400	100000	-2.6	30.0
N-Nitrosodiphenylamine	Ave	0.5251	0.5289	0.0100	50400	50000	0.7	30.0
1,2-Diphenylhydrazine	Ave	0.7642	0.7756		50700	50000	1.5	30.0
4-Bromophenyl phenyl ether	Ave	0.2110	0.2122	0.1000	50300	50000	0.5	30.0
Hexachlorobenzene	Ave	0.2581	0.2613	0.1000	50600	50000	1.2	30.0
Atrazine	Ave	0.2004	0.2091	0.0100	20900	20000	4.3	30.0
Pentachlorophenol	Ave	0.1573	0.1631	0.0500	104000	100000	3.7	30.0
Pentachloronitrobenzene	Ave	0.1015	0.1054	0.0100	51900	50000	3.8	30.0
n-Octadecane	Ave	0.5963	0.6091		51100	50000	2.1	30.0
Phenanthrene	Ave	1.043	1.061	0.7000	50800	50000	1.7	30.0
Anthracene	Ave	1.064	1.086	0.7000	51000	50000	2.0	30.0
Carbazole	Ave	0.9821	0.996	0.0100	50700	50000	1.4	30.0
Di-n-butyl phthalate	Ave	1.257	1.282	0.0100	51000	50000	2.0	30.0
Fluoranthene	Ave	1.122	1.163	0.6000	51800	50000	3.6	30.0
Benzidine	Ave	0.6010	0.6035		50200	50000	0.4	30.0
Pyrene	Ave	1.257	1.282	0.6000	51000	50000	2.0	30.0
Bisphenol-A	Ave	0.5504	0.5989		54400	50000	8.8	30.0
Butyl benzyl phthalate	Ave	0.5854	0.6035	0.0100	51600	50000	3.1	30.0
Carbamazepine	Ave	0.5427	0.5657		52100	50000	4.2	30.0
3,3'-Dichlorobenzidine	Ave	0.4628	0.5012	0.0100	54200	50000	8.3	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: ICV 460-836323/11 Calibration Date: 03/30/2022 11:09

Instrument ID: CBNAMS15 Calib Start Date: 03/30/2022 08:33

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/30/2022 10:52

Lab File ID: f460654.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[a]anthracene	Ave	1.212	1.203	0.8000	49600	50000	-0.7	30.0
Chrysene	Ave	1.209	1.226	0.7000	50700	50000	1.5	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.8692	0.8889	0.0100	51100	50000	2.3	30.0
Di-n-octyl phthalate	Ave	1.412	1.428	0.0100	50600	50000	1.2	30.0
Benzo[b]fluoranthene	Ave	1.015	1.147		56500	50000	13.0	30.0
Benzo[k]fluoranthene	Ave	1.205	1.239	0.7000	51400	50000	2.8	30.0
Benzo[a]pyrene	Ave	1.027	1.136	0.7000	55300	50000	10.6	30.0
Indeno[1,2,3-cd]pyrene	Qua2		1.030	0.5000	52700	50000	5.5	30.0
Dibenz(a,h)anthracene	Lin2		1.096	0.4000	50900	50000	1.7	30.0
Benzo[g,h,i]perylene	Ave	1.114	1.150	0.5000	51600	50000	3.3	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460654.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 30-Mar-2022 11:09:21 ALS Bottle#: 0 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143392-011
Operator ID: Instrument ID: CBNAMS15
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Mar-2022 11:28:22 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1603

First Level Reviewer: johnstonm1 Date: 30-Mar-2022 11:28:36

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.645	1.645	-0.004	96	100164	50.0	49.6	
	2 N-Nitrosodimethylamine	74	1.763	1.763	-0.003	81	142843	50.0	47.5	
	3 Pyridine	79	1.781	1.783	-0.006	84	468707	100.0	91.3	
	7 Benzaldehyde	77	2.991	2.995	-0.010	91	43581	20.0	9.94	
	9 Phenol	94	3.035	3.039	-0.010	91	309812	50.0	47.6	
	10 Aniline	93	3.065	3.068	-0.009	21	375713	50.0	48.4	
	11 Bis(2-chloroethyl)ether	93	3.115	3.115	-0.007	92	251998	50.0	48.3	
	12 2-Chlorophenol	128	3.150	3.150	-0.007	65	256626	50.0	47.7	
	13 n-Decane	43	3.188	3.192	-0.010	90	294209	50.0	46.6	
	14 1,3-Dichlorobenzene	146	3.262	3.265	-0.010	94	281329	50.0	48.3	
*	15 1,4-Dichlorobenzene-d4	152	3.306	3.313	-0.007	97	153759	40.0	40.0	
	16 1,4-Dichlorobenzene	146	3.318	3.318	-0.007	93	284712	50.0	47.9	
	17 Benzyl alcohol	108	3.406	3.406	-0.007	91	173329	50.0	48.8	
	18 1,2-Dichlorobenzene	146	3.430	3.430	-0.007	90	270230	50.0	48.4	
	19 2-Methylphenol	108	3.486	3.488	-0.010	85	231566	50.0	48.7	
	20 2,2'-oxybis[1-chloropropane]	45	3.512	3.515	-0.010	92	372486	50.0	48.1	
	130 N-Methylaniline	106	3.601	3.608	-0.007	78	396460	50.0	47.5	a
	21 Acetophenone	105	3.610	3.609	-0.007	86	374866	50.0	48.4	
	22 4-Methylphenol	108	3.607	3.609	-0.010	73	267456	50.0	48.7	
	23 3 & 4 Methylphenol	108	3.607	3.609	-0.010	90	267456	50.0	48.7	
	24 N-Nitrosodi-n-propylamine	70	3.612	3.615	-0.010	72	166862	50.0	48.7	
	25 Hexachloroethane	117	3.683	3.682	-0.007	94	113646	50.0	48.8	
	27 Nitrobenzene	123	3.736	3.737	-0.007	85	128897	50.0	50.3	
	28 n,n'-Dimethylaniline	120	3.739	3.738	-0.007	89	417943	50.0	50.3	
	29 Isophorone	82	3.922	3.922	-0.007	99	506384	50.0	48.7	
	30 2-Nitrophenol	139	3.975	3.975	-0.007	86	137086	50.0	48.9	
	31 2,4-Dimethylphenol	122	4.016	4.017	-0.007	90	224919	50.0	48.2	
	32 Bis(2-chloroethoxy)methane	93	4.096	4.096	-0.007	96	307266	50.0	47.7	
	33 Benzoic acid	122	4.114	4.114	-0.007	88	162185	50.0	52.3	
	34 2,4-Dichlorophenol	162	4.158	4.158	-0.007	93	215707	50.0	49.4	
	35 1,2,4-Trichlorobenzene	180	4.225	4.226	-0.008	94	233581	50.0	50.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 36 Naphthalene-d8	136	4.267	4.274	-0.007	100	603824	40.0	40.0	
37 Naphthalene	128	4.284	4.284	-0.007	98	748266	50.0	48.1	
38 4-Chloroaniline	127	4.332	4.331	-0.007	90	323196	50.0	48.1	
39 Hexachlorobutadiene	225	4.385	4.384	-0.007	95	135816	50.0	47.9	
40 Caprolactam	113	4.605	4.605	-0.008	88	32164	20.0	18.6	M
41 4-Chloro-3-methylphenol	107	4.711	4.708	-0.005	93	215688	50.0	47.8	
42 2-Methylnaphthalene	142	4.818	4.814	-0.004	82	510624	50.0	47.7	
43 1-Methylnaphthalene	142	4.891	4.888	-0.005	91	474591	50.0	48.1	
44 Hexachlorocyclopentadiene	237	4.938	4.942	-0.008	83	148999	50.0	51.0	
45 1,2,4,5-Tetrachlorobenzene	216	4.944	4.945	-0.005	96	236969	50.0	51.1	
46 2-tertbutyl-4-methylphenol	149	4.986	4.985	-0.007	89	331282	50.0	49.6	
47 2,4,6-Trichlorophenol	196	5.033	5.036	-0.007	89	160626	50.0	52.0	
48 2,4,5-Trichlorophenol	196	5.059	5.060	-0.005	94	173167	50.0	50.6	
51 1,1'-Biphenyl	154	5.177	5.181	-0.008	96	614717	50.0	50.4	
52 2-Chloronaphthalene	162	5.186	5.189	-0.008	96	481825	50.0	51.2	
53 Phenyl ether	170	5.263	5.263	-0.004	89	339388	50.0	50.5	
54 2-Nitroaniline	65	5.271	5.272	-0.005	94	197490	50.0	50.5	
55 1,3-Dimethylnaphthalene	156	5.357	5.357	-0.005	91	414167	50.0	53.1	
56 Dimethyl phthalate	163	5.425	5.428	-0.007	96	556521	50.0	51.2	
57 Coumarin	146	5.428	5.423	-0.004	72	200398	50.0	50.3	
58 2,6-Dinitrotoluene	165	5.463	5.466	-0.008	71	120824	50.0	52.4	
59 Acenaphthylene	152	5.501	5.502	-0.005	97	727059	50.0	48.3	
60 3-Nitroaniline	138	5.584	5.587	-0.008	92	141720	50.0	50.9	
* 61 Acenaphthene-d10	164	5.608	5.612	-0.004	92	333827	40.0	40.0	
62 Acenaphthene	154	5.634	5.634	-0.005	93	445706	50.0	51.3	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.643	5.646	-0.008	97	431370	50.0	52.1	
64 2,4-Dinitrophenol	184	5.664	5.667	-0.007	65	131602	100.0	91.6	
65 4-Nitrophenol	65	5.720	5.723	-0.007	93	233179	100.0	103.0	
67 2,4-Dinitrotoluene	165	5.764	5.764	-0.005	66	171900	50.0	55.4	
66 Dibenzofuran	168	5.767	5.767	-0.005	91	679786	50.0	51.2	
68 2,3,4,6-Tetrachlorophenol	232	5.859	5.858	-0.005	93	141307	50.0	52.3	
69 Diethyl phthalate	149	5.965	5.967	-0.007	98	552871	50.0	50.3	
70 Fluorene	166	6.024	6.023	-0.004	83	537808	50.0	50.4	
71 4-Chlorophenyl phenyl ether	204	6.033	6.032	-0.005	86	260397	50.0	50.6	
72 4-Nitroaniline	138	6.053	6.053	-0.005	49	137295	50.0	50.2	
73 4,6-Dinitro-2-methylphenol	198	6.071	6.071	-0.005	76	172673	100.0	97.4	
74 N-Nitrosodiphenylamine	169	6.124	6.124	-0.005	24	395538	50.0	50.4	
75 1,2-Diphenylhydrazine	77	6.151	6.153	-0.007	67	580050	50.0	50.7	
77 4-Bromophenyl phenyl ether	248	6.398	6.398	-0.005	86	158677	50.0	50.3	
78 Hexachlorobenzene	284	6.431	6.431	-0.005	88	195412	50.0	50.6	
79 Atrazine	200	6.534	6.537	-0.008	88	62539	20.0	20.9	
80 Pentachlorophenol	266	6.584	6.584	-0.005	89	243931	100.0	103.7	
81 Pentachloronitrobenzene	237	6.593	6.593	-0.005	85	78790	50.0	51.9	
82 n-Octadecane	57	6.681	6.681	-0.005	91	455527	50.0	51.1	
* 83 Phenanthrene-d10	188	6.726	6.731	-0.005	99	598302	40.0	40.0	
84 Phenanthrene	178	6.743	6.743	-0.005	98	793451	50.0	50.8	
85 Anthracene	178	6.782	6.782	-0.005	97	811840	50.0	51.0	
87 Carbazole	167	6.908	6.908	-0.006	83	745043	50.0	50.7	
88 Di-n-butyl phthalate	149	7.192	7.194	-0.008	100	958842	50.0	51.0	
89 Fluoranthene	202	7.634	7.633	-0.005	98	869750	50.0	51.8	
90 Benzidine	184	7.746	7.746	-0.008	99	451361	50.0	50.2	
91 Pyrene	202	7.802	7.799	-0.005	97	892069	50.0	51.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Bisphenol-A	213	7.855	7.855	-0.008	98	416692	50.0	54.4	
95 Butyl benzyl phthalate	149	8.324	8.324	-0.009	98	419959	50.0	51.6	
97 Carbamazepine	193	8.398	8.398	-0.009	90	393619	50.0	52.1	
99 3,3'-Dichlorobenzidine	252	8.749	8.749	-0.009	92	348752	50.0	54.2	
100 Benzo[a]anthracene	228	8.758	8.758	-0.009	99	836939	50.0	49.6	
* 98 Chrysene-d12	240	8.767	8.776	-0.009	99	556655	40.0	40.0	
101 Chrysene	228	8.790	8.790	-0.009	94	853265	50.0	50.7	
102 Bis(2-ethylhexyl) phthalate	149	8.826	8.829	-0.012	80	618494	50.0	51.1	
103 Di-n-octyl phthalate	149	9.457	9.458	-0.015	97	1034538	50.0	50.6	
104 Benzo[b]fluoranthene	252	9.782	9.780	-0.012	98	830423	50.0	56.5	
105 Benzo[k]fluoranthene	252	9.811	9.812	-0.015	99	897270	50.0	51.4	
106 Benzo[a]pyrene	252	10.113	10.112	-0.015	96	822523	50.0	55.3	
* 107 Perylene-d12	264	10.172	10.187	-0.015	97	579379	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.290	11.290	-0.020	95	746022	50.0	52.7	M
109 Dibenz(a,h)anthracene	278	11.323	11.325	-0.019	43	793762	50.0	50.9	
110 Benzo[g,h,i]perylene	276	11.574	11.576	-0.020	95	832875	50.0	51.6	
131 2,6-Dichlorophenol	162	4.334	4.342	-0.008	84	214373	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_ICV_00006 Amount Added: 1.00 Units: mL

Report Date: 30-Mar-2022 11:28:38 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460654.D

Injection Date: 30-Mar-2022 11:09:21 Instrument ID: CBNAMS15 Operator ID:

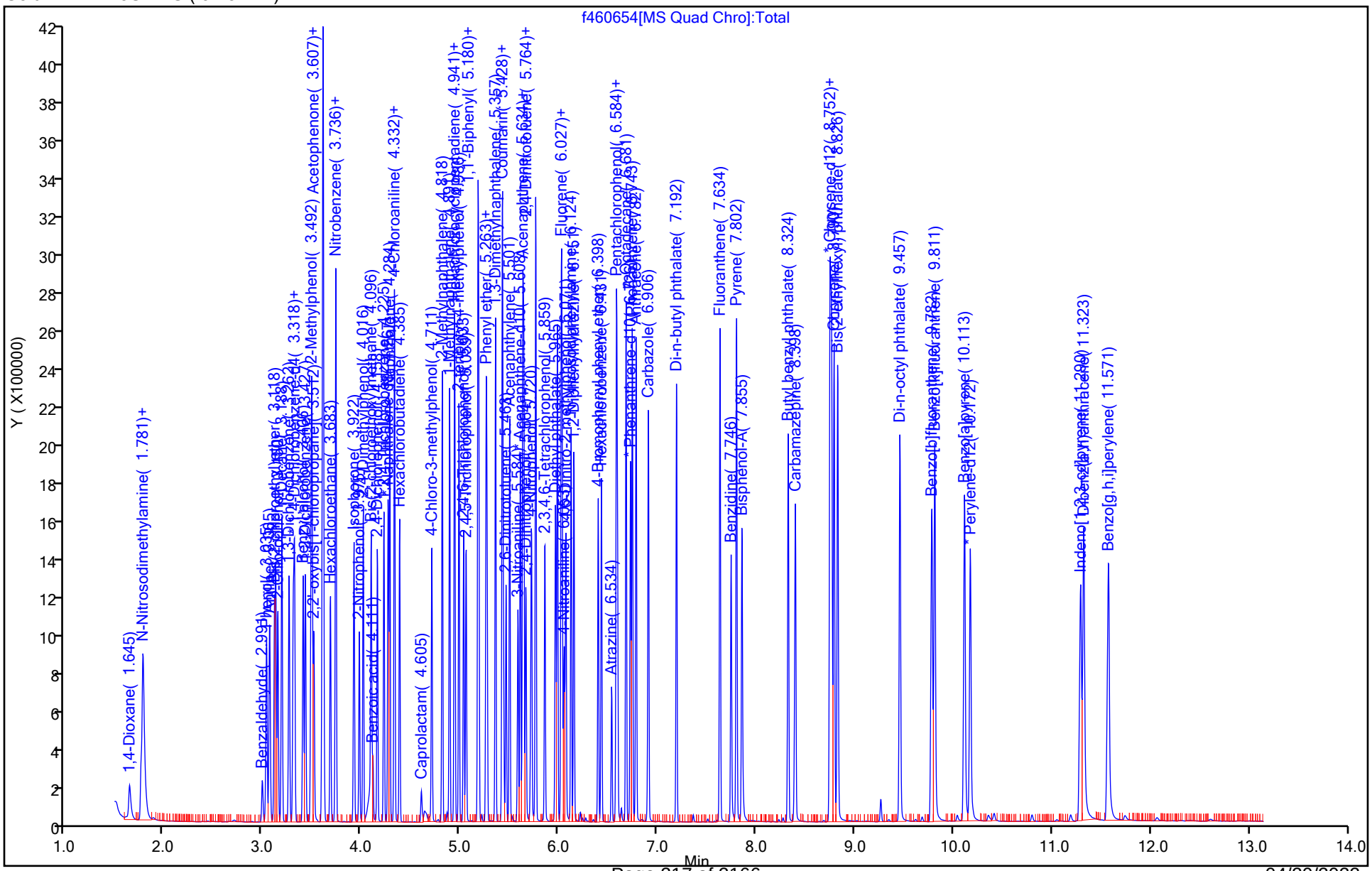
Lims ID: ICV Worklist Smp#: 11

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison

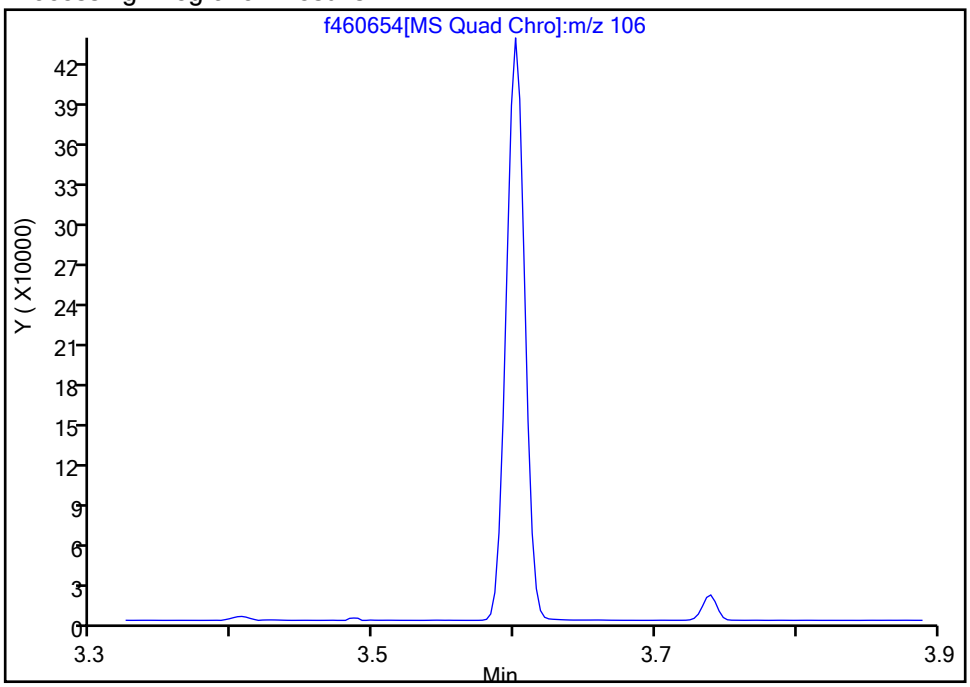
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460654.D
Injection Date: 30-Mar-2022 11:09:21 Instrument ID: CBNAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

130 N-Methylaniline, CAS: 100-61-8

Signal: 1

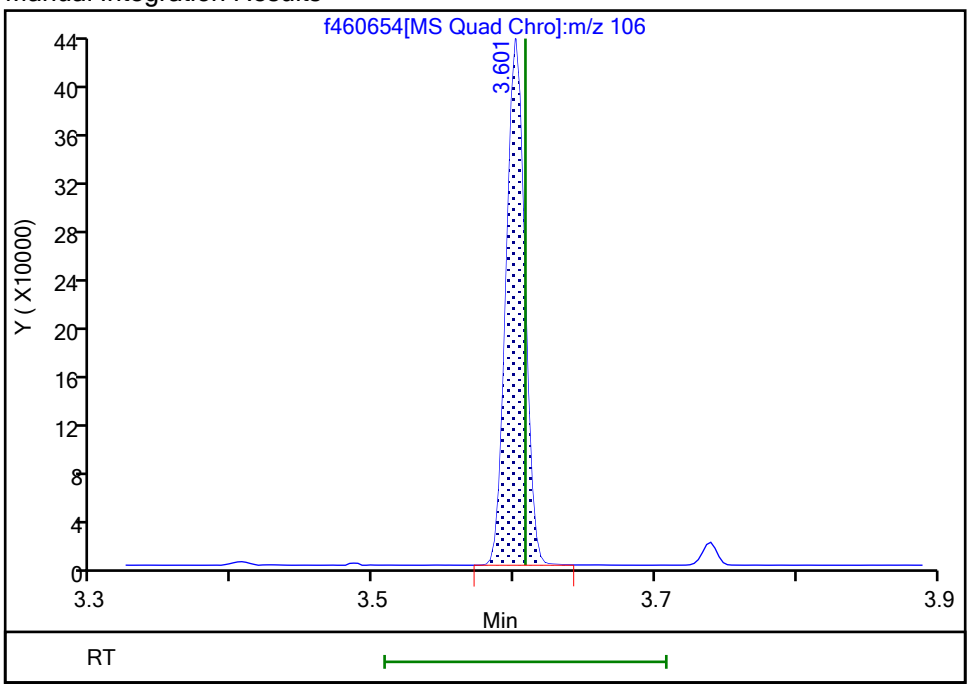
Not Detected
Expected RT: 3.61

Processing Integration Results



Manual Integration Results

RT: 3.60
Area: 396460
Amount: 47.509170
Amount Units: ug/ml



Reviewer: johnstonm1, 30-Mar-2022 11:27:19
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

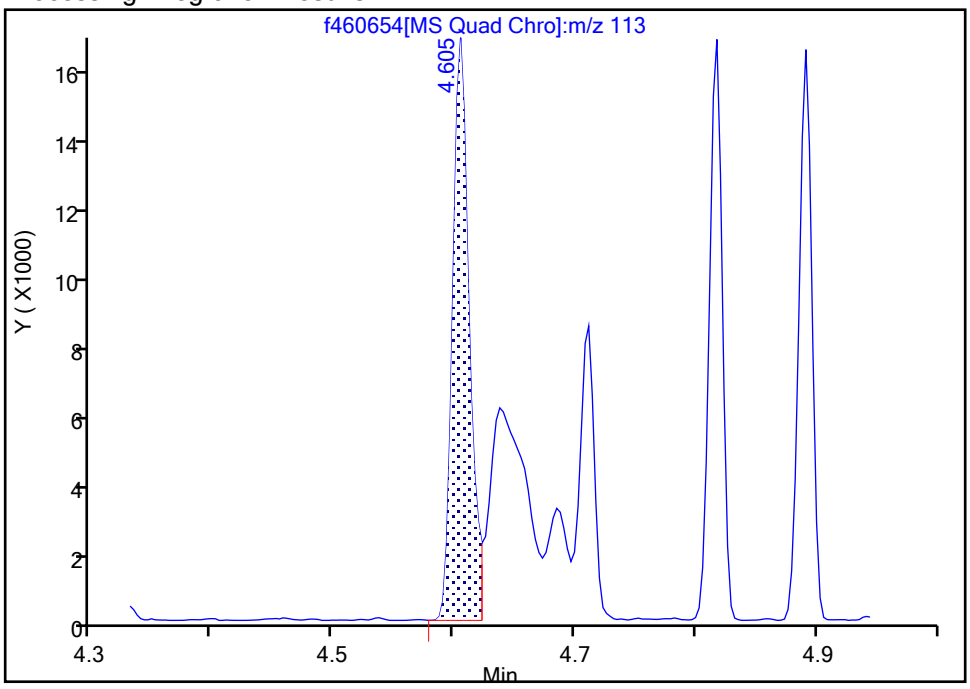
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460654.D
Injection Date: 30-Mar-2022 11:09:21 Instrument ID: CBNAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

40 Caprolactam, CAS: 105-60-2

Signal: 1

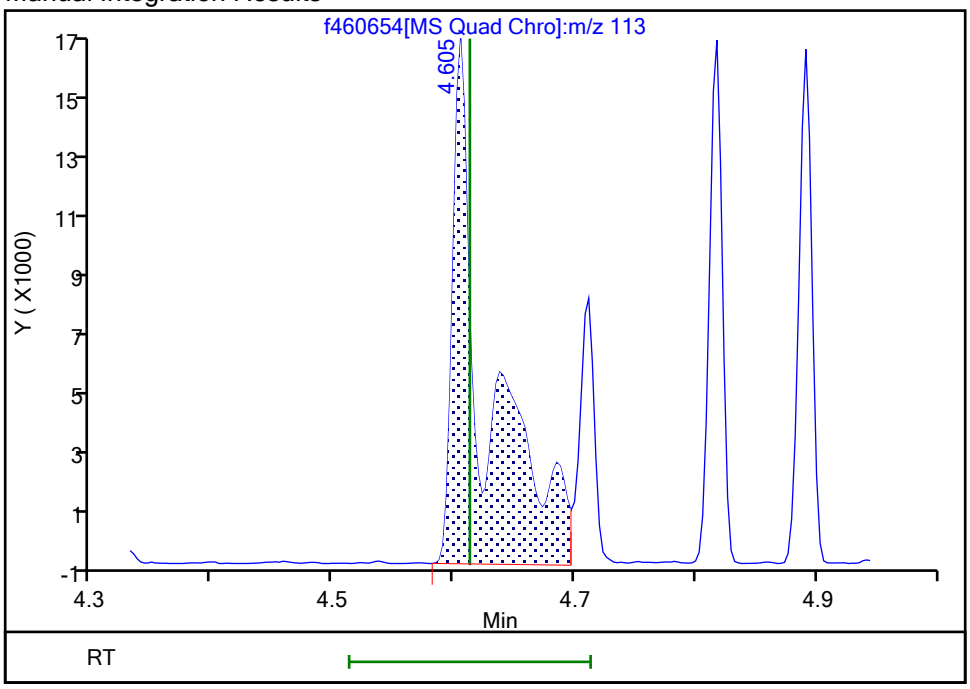
Processing Integration Results

RT: 4.61
Area: 15959
Amount: 9.219293
Amount Units: ug/ml



Manual Integration Results

RT: 4.61
Area: 32164
Amount: 18.580696
Amount Units: ug/ml



Reviewer: johnstonm1, 30-Mar-2022 11:27:01
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

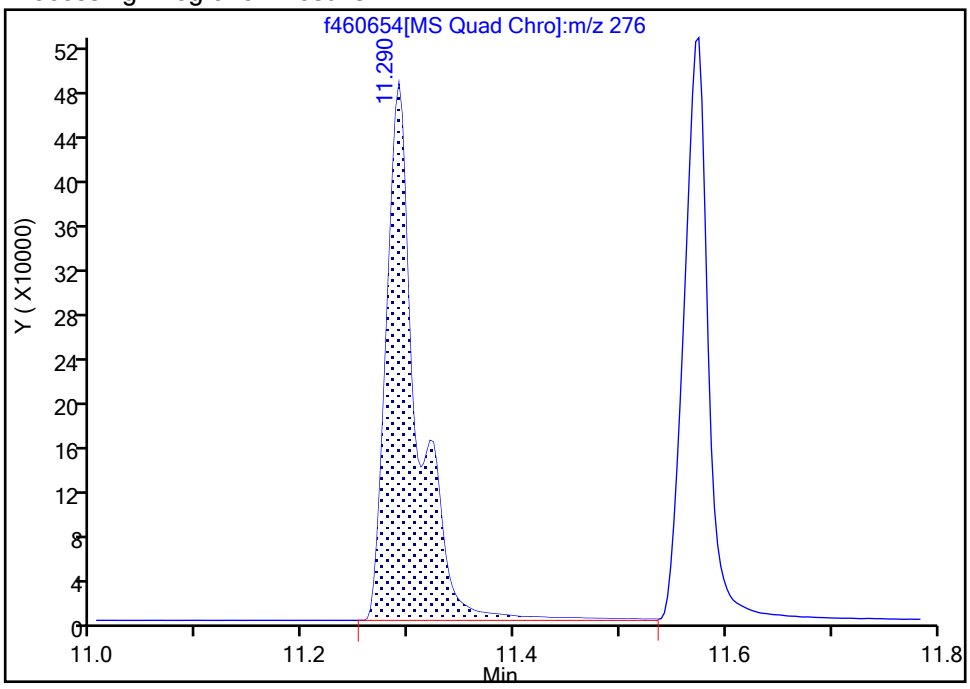
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460654.D
Injection Date: 30-Mar-2022 11:09:21 Instrument ID: CBNAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

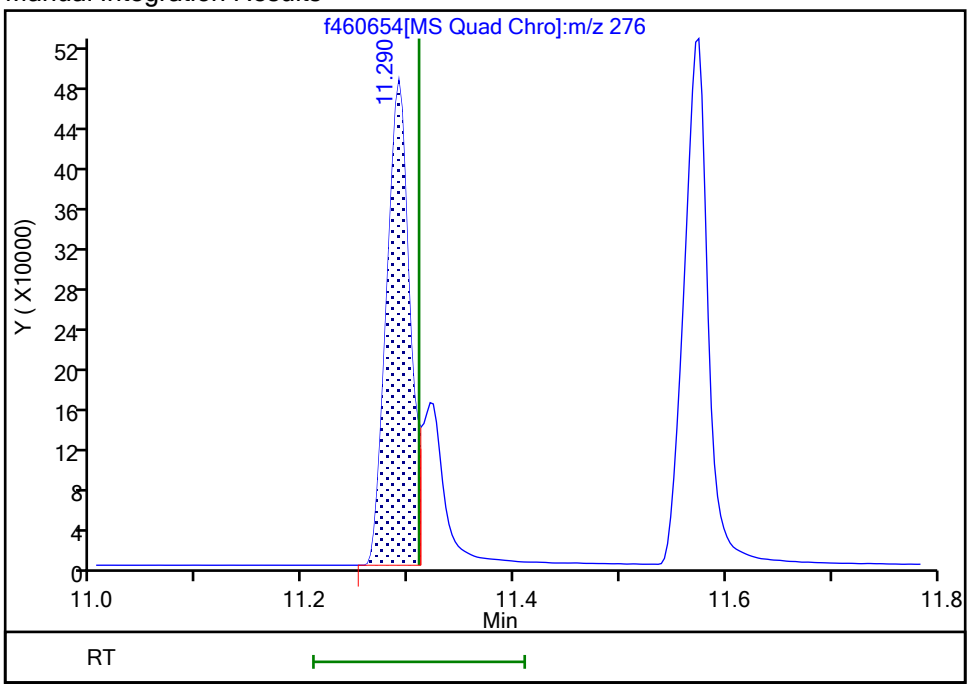
Processing Integration Results

RT: 11.29
Area: 986123
Amount: 66.774095
Amount Units: ug/ml



Manual Integration Results

RT: 11.29
Area: 746022
Amount: 52.746100
Amount Units: ug/ml



Reviewer: johnstonm1, 30-Mar-2022 11:26:22
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCVIS 460-837819/2 Calibration Date: 04/07/2022 08:30

Instrument ID: CBNAMS15 Calib Start Date: 03/30/2022 08:33

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/30/2022 10:52

Lab File ID: f460951.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5254	0.5349		50900	50000	1.8	20.0
N-Nitrosodimethylamine	Ave	0.7816	0.7907		50600	50000	1.2	20.0
Pyridine	Ave	1.336	1.259		94300	100000	-5.7	20.0
Benzaldehyde	Ave	1.140	0.7139	0.0100	12500	20000	-37.4*	20.0
Phenol	Ave	1.693	1.708	0.8000	50400	50000	0.9	20.0
Aniline	Ave	2.020	2.027		50200	50000	0.4	20.0
Bis(2-chloroethyl)ether	Ave	1.357	1.358	0.7000	50100	50000	0.1	20.0
2-Chlorophenol	Ave	1.398	1.401	0.8000	50100	50000	0.2	20.0
n-Decane	Ave	1.642	1.624		49500	50000	-1.1	20.0
1,3-Dichlorobenzene	Ave	1.514	1.518		50100	50000	0.3	20.0
1,4-Dichlorobenzene	Ave	1.546	1.529		49500	50000	-1.1	20.0
Benzyl alcohol	Ave	0.9236	0.9345		50600	50000	1.2	20.0
1,2-Dichlorobenzene	Ave	1.454	1.480		50900	50000	1.8	20.0
2-Methylphenol	Ave	1.238	1.272	0.7000	51400	50000	2.8	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.015	1.966	0.0100	48800	50000	-2.5	20.0
N-Methylaniline	Ave	2.171	2.162		49800	50000	-0.4	20.0
3 & 4 Methylphenol	Ave	1.429	1.510		52800	50000	5.7	20.0
4-Methylphenol	Ave	1.429	1.510	0.6000	52800	50000	5.7	20.0
Acetophenone	Ave	2.016	2.108	0.0100	52300	50000	4.6	20.0
N-Nitrosodi-n-propylamine	Ave	0.8906	0.9363	0.5000	52600	50000	5.1	20.0
Hexachloroethane	Ave	0.6057	0.6313	0.3000	52100	50000	4.2	20.0
Nitrobenzene	Ave	0.6662	0.7236	0.2000	54300	50000	8.6	20.0
n,n'-Dimethylaniline	Ave	2.163	2.233		51600	50000	3.2	20.0
Isophorone	Ave	0.6886	0.7052	0.4000	51200	50000	2.4	20.0
2-Nitrophenol	Ave	0.1858	0.1861	0.1000	50100	50000	0.2	20.0
2,4-Dimethylphenol	Ave	0.3094	0.3080	0.2000	49800	50000	-0.4	20.0
Bis(2-chloroethoxy)methane	Ave	0.4266	0.4265	0.3000	50000	50000	-0.0	20.0
Benzoic acid	Ave	0.2053	0.2274		55400	50000	10.8	20.0
2,4-Dichlorophenol	Ave	0.2893	0.2955	0.2000	51100	50000	2.1	20.0
1,2,4-Trichlorobenzene	Ave	0.3052	0.3227		52900	50000	5.7	20.0
Naphthalene	Ave	1.031	1.031	0.7000	50000	50000	-0.0	20.0
4-Chloroaniline	Ave	0.4448	0.4489	0.0100	50500	50000	0.9	20.0
Hexachlorobutadiene	Ave	0.1878	0.1866	0.0100	49700	50000	-0.6	20.0
Caprolactam	Ave	0.1147	0.0926	0.0100	16200	20000	-19.2	20.0
4-Chloro-3-methylphenol	Ave	0.2988	0.3005	0.2000	50300	50000	0.6	20.0
2-Methylnaphthalene	Ave	0.7087	0.6985	0.4000	49300	50000	-1.4	20.0
1-Methylnaphthalene	Ave	0.6539	0.6441		49300	50000	-1.5	20.0
Hexachlorocyclopentadiene	Ave	0.3499	0.3634	0.0500	51900	50000	3.9	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5560	0.5760	0.0100	51800	50000	3.6	20.0
2-tertbutyl-4-methylphenol	Ave	0.4423	0.4486		50700	50000	1.4	20.0
2,4,6-Trichlorophenol	Ave	0.3698	0.4039	0.2000	54600	50000	9.2	20.0
2,4,5-Trichlorophenol	Ave	0.4102	0.4374	0.2000	53300	50000	6.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCVIS 460-837819/2 Calibration Date: 04/07/2022 08:30

Instrument ID: CBNAMS15 Calib Start Date: 03/30/2022 08:33

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/30/2022 10:52

Lab File ID: f460951.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1'-Biphenyl	Ave	1.461	1.512	0.0100	51800	50000	3.5	20.0
2-Chloronaphthalene	Ave	1.128	1.189	0.8000	52700	50000	5.5	20.0
Phenyl ether	Ave	0.8047	0.8190		50900	50000	1.8	20.0
2-Nitroaniline	Ave	0.4687	0.5113	0.0100	54500	50000	9.1	20.0
1,3-Dimethylnaphthalene	Ave	0.9354	1.008		53900	50000	7.7	20.0
Dimethyl phthalate	Ave	1.302	1.385	0.0100	53200	50000	6.4	20.0
Coumarin	Ave	0.2642	0.2755		52100	50000	4.3	20.0
2,6-Dinitrotoluene	Ave	0.2764	0.3060	0.2000	55400	50000	10.7	20.0
Acenaphthylene	Ave	1.803	1.819	0.9000	50500	50000	0.9	20.0
3-Nitroaniline	Ave	0.3337	0.3551	0.0100	53200	50000	6.4	20.0
Acenaphthene	Ave	1.041	1.112	0.9000	53400	50000	6.8	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9929	1.077		54300	50000	8.5	20.0
2,4-Dinitrophenol	Lin1		0.1707	0.0100	98800	100000	-1.2	20.0
4-Nitrophenol	Ave	0.2712	0.2980	0.0100	110000	100000	9.9	20.0
2,4-Dinitrotoluene	Ave	0.3718	0.4375	0.2000	58800	50000	17.7	20.0
Dibenzofuran	Ave	1.592	1.714	0.8000	53800	50000	7.6	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3237	0.3486	0.0100	53800	50000	7.7	20.0
Diethyl phthalate	Ave	1.317	1.386	0.0100	52600	50000	5.2	20.0
Fluorene	Ave	1.278	1.367	0.9000	53500	50000	6.9	20.0
4-Chlorophenyl phenyl ether	Ave	0.6168	0.6560	0.4000	53200	50000	6.4	20.0
4-Nitroaniline	Ave	0.3278	0.3347	0.0100	51100	50000	2.1	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1245	0.0100	105000	100000	4.9	20.0
N-Nitrosodiphenylamine	Ave	0.5251	0.5421	0.0100	51600	50000	3.2	20.0
1,2-Diphenylhydrazine	Ave	0.7642	0.8335		54500	50000	9.1	20.0
4-Bromophenyl phenyl ether	Ave	0.2110	0.2215	0.1000	52500	50000	5.0	20.0
Hexachlorobenzene	Ave	0.2581	0.2766	0.1000	53600	50000	7.2	20.0
Atrazine	Ave	0.2004	0.2237	0.0100	22300	20000	11.6	20.0
Pentachlorophenol	Ave	0.1573	0.1694	0.0500	108000	100000	7.8	20.0
Pentachloronitrobenzene	Ave	0.1015	0.1109	0.0100	54600	50000	9.3	20.0
n-Octadecane	Ave	0.5963	0.6207		52000	50000	4.1	20.0
Phenanthrene	Ave	1.043	1.082	0.7000	51800	50000	3.7	20.0
Anthracene	Ave	1.064	1.117	0.7000	52500	50000	4.9	20.0
Carbazole	Ave	0.9821	1.029	0.0100	52400	50000	4.8	20.0
Di-n-butyl phthalate	Ave	1.257	1.352	0.0100	53800	50000	7.5	20.0
Fluoranthene	Ave	1.122	1.205	0.6000	53700	50000	7.3	20.0
Benzidine	Ave	0.6010	0.6531		54300	50000	8.7	20.0
Pyrene	Ave	1.257	1.319	0.6000	52500	50000	5.0	20.0
Bisphenol-A	Ave	0.5504	0.6167		56000	50000	12.0	20.0
Butyl benzyl phthalate	Ave	0.5854	0.6380	0.0100	54500	50000	9.0	20.0
2,3,7,8-TCDD	Ave	0.2042	0.2317		567	500	13.4	20.0
Carbamazepine	Ave	0.5427	0.5787		53300	50000	6.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCVIS 460-837819/2 Calibration Date: 04/07/2022 08:30

Instrument ID: CBNAMS15 Calib Start Date: 03/30/2022 08:33

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/30/2022 10:52

Lab File ID: f460951.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	Ave	0.4628	0.5450	0.0100	58900	50000	17.8	20.0
Benzo[a]anthracene	Ave	1.212	1.264	0.8000	52200	50000	4.3	20.0
Chrysene	Ave	1.209	1.235	0.7000	51100	50000	2.2	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8692	0.9408	0.0100	54100	50000	8.2	20.0
Di-n-octyl phthalate	Ave	1.412	1.538	0.0100	54500	50000	8.9	20.0
Benzo[b]fluoranthene	Ave	1.015	1.180		58100	50000	16.3	20.0
Benzo[k]fluoranthene	Ave	1.205	1.293	0.7000	53700	50000	7.3	20.0
Benzo[a]pyrene	Ave	1.027	1.168	0.7000	56900	50000	13.7	20.0
Indeno[1,2,3-cd]pyrene	Qua2		1.092	0.5000	55500	50000	10.9	20.0
Dibenz(a,h)anthracene	Lin2		1.160	0.4000	53800	50000	7.6	20.0
Benzo[g,h,i]perylene	Ave	1.114	1.161	0.5000	52100	50000	4.3	20.0
2-Fluorophenol (Surr)	Ave	1.422	1.359		47800	50000	-4.4	20.0
Phenol-d5 (Surr)	Ave	1.744	1.691		48500	50000	-3.0	20.0
Nitrobenzene-d5 (Surr)	Ave	0.4079	0.3980		48800	50000	-2.4	20.0
2-Fluorobiphenyl	Ave	1.423	1.422		50000	50000	-0.0	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.2654	0.2877		54200	50000	8.4	20.0
Terphenyl-d14 (Surr)	Ave	1.064	1.114		52300	50000	4.7	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460951.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 07-Apr-2022 08:30:37 ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143724-002
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 07-Apr-2022 09:24:18 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1613

First Level Reviewer: johnstonm1 Date: 07-Apr-2022 09:24:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.649	1.649	0.000	95	80351	50.0	50.9	
2 N-Nitrosodimethylamine	74	1.767	1.767	0.000	78	118793	50.0	50.6	
3 Pyridine	79	1.788	1.788	0.000	85	378308	100.0	94.3	
$ 5 2-Fluorophenol	112	2.426	2.426	0.000	92	204156	50.0	47.8	
7 Benzaldehyde	77	3.007	3.007	0.000	89	42900	20.0	12.5	
$ 8 Phenol-d5	99	3.046	3.046	0.000	93	254022	50.0	48.5	
9 Phenol	94	3.055	3.055	0.000	97	256602	50.0	50.4	
10 Aniline	93	3.084	3.084	0.000	12	304590	50.0	50.2	
11 Bis(2-chloroethyl)ether	93	3.131	3.131	0.000	91	204065	50.0	50.1	
12 2-Chlorophenol	128	3.167	3.167	0.000	68	210443	50.0	50.1	
13 n-Decane	43	3.205	3.205	0.000	90	243985	50.0	49.5	
14 1,3-Dichlorobenzene	146	3.279	3.279	0.000	93	228108	50.0	50.1	
* 15 1,4-Dichlorobenzene-d4	152	3.320	3.320	0.000	97	120184	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.335	3.335	0.000	91	229735	50.0	49.5	
17 Benzyl alcohol	108	3.424	3.424	0.000	90	140384	50.0	50.6	
18 1,2-Dichlorobenzene	146	3.445	3.445	0.000	94	222401	50.0	50.9	
19 2-Methylphenol	108	3.507	3.507	0.000	85	191137	50.0	51.4	
20 2,2'-oxybis[1-chloropropane]	45	3.530	3.530	0.000	92	295312	50.0	48.8	
130 N-Methylaniline	106	3.619	3.619	0.000	81	324775	50.0	49.8	a
21 Acetophenone	105	3.628	3.628	0.000	86	316755	50.0	52.3	
22 4-Methylphenol	108	3.628	3.628	0.000	68	226859	50.0	52.8	
23 3 & 4 Methylphenol	108	3.628	3.628	0.000	79	226859	50.0	52.8	
24 N-Nitrosodi-n-propylamine	70	3.631	3.631	0.000	73	140666	50.0	52.6	
25 Hexachloroethane	117	3.699	3.699	0.000	93	94840	50.0	52.1	
$ 26 Nitrobenzene-d5	82	3.740	3.740	0.000	91	237619	50.0	48.8	
27 Nitrobenzene	123	3.755	3.755	0.000	86	108703	50.0	54.3	
28 n,n'-Dimethylaniline	120	3.758	3.758	0.000	87	335494	50.0	51.6	
29 Isophorone	82	3.941	3.941	0.000	99	421049	50.0	51.2	
30 2-Nitrophenol	139	3.994	3.994	0.000	84	111126	50.0	50.1	
31 2,4-Dimethylphenol	122	4.035	4.035	0.000	90	183900	50.0	49.8	
32 Bis(2-chloroethoxy)methane	93	4.112	4.112	0.000	96	254641	50.0	50.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.133	4.133	0.000	91	135783	50.0	55.4	
34 2,4-Dichlorophenol	162	4.177	4.177	0.000	93	176441	50.0	51.1	
35 1,2,4-Trichlorobenzene	180	4.242	4.242	0.000	91	192648	50.0	52.9	
* 36 Naphthalene-d8	136	4.287	4.287	0.000	100	477617	40.0	40.0	
37 Naphthalene	128	4.301	4.301	0.000	98	615767	50.0	50.0	
38 4-Chloroaniline	127	4.349	4.349	0.000	90	267979	50.0	50.5	
39 Hexachlorobutadiene	225	4.402	4.402	0.000	94	111393	50.0	49.7	
40 Caprolactam	113	4.629	4.629	0.000	88	22125	20.0	16.2	M
41 4-Chloro-3-methylphenol	107	4.730	4.730	0.000	94	179423	50.0	50.3	
42 2-Methylnaphthalene	142	4.836	4.836	0.000	81	417011	50.0	49.3	
43 1-Methylnaphthalene	142	4.910	4.910	0.000	89	384544	50.0	49.3	
44 Hexachlorocyclopentadiene	237	4.957	4.957	0.000	74	120062	50.0	51.9	
45 1,2,4,5-Tetrachlorobenzene	216	4.963	4.963	0.000	95	190286	50.0	51.8	
46 2-tertbutyl-4-methylphenol	149	5.004	5.004	0.000	89	267847	50.0	50.7	
47 2,4,6-Trichlorophenol	196	5.052	5.052	0.000	88	133418	50.0	54.6	
48 2,4,5-Trichlorophenol	196	5.078	5.078	0.000	93	144493	50.0	53.3	
$ 50 2-Fluorobiphenyl	172	5.123	5.123	0.000	97	469876	50.0	50.0	
51 1,1'-Biphenyl	154	5.196	5.196	0.000	97	499484	50.0	51.8	
52 2-Chloronaphthalene	162	5.205	5.205	0.000	96	392854	50.0	52.7	
53 Phenyl ether	170	5.279	5.279	0.000	90	270571	50.0	50.9	
54 2-Nitroaniline	65	5.291	5.291	0.000	95	168921	50.0	54.5	
55 1,3-Dimethylnaphthalene	156	5.377	5.377	0.000	91	332883	50.0	53.9	
56 Dimethyl phthalate	163	5.445	5.445	0.000	96	457493	50.0	53.2	
57 Coumarin	146	5.447	5.447	0.000	76	164465	50.0	52.1	
58 2,6-Dinitrotoluene	165	5.483	5.483	0.000	57	101077	50.0	55.4	
59 Acenaphthylene	152	5.518	5.518	0.000	97	601000	50.0	50.5	
60 3-Nitroaniline	138	5.604	5.604	0.000	92	117301	50.0	53.2	
* 61 Acenaphthene-d10	164	5.628	5.628	0.000	84	264279	40.0	40.0	
62 Acenaphthene	154	5.651	5.651	0.000	94	367276	50.0	53.4	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.660	5.660	0.000	95	355912	50.0	54.3	
64 2,4-Dinitrophenol	184	5.687	5.687	0.000	64	112760	100.0	98.8	
65 4-Nitrophenol	65	5.743	5.743	0.000	94	196912	100.0	109.9	
67 2,4-Dinitrotoluene	165	5.784	5.784	0.000	66	144533	50.0	58.8	
66 Dibenzofuran	168	5.784	5.784	0.000	90	566136	50.0	53.8	
68 2,3,4,6-Tetrachlorophenol	232	5.879	5.879	0.000	93	115146	50.0	53.8	
69 Diethyl phthalate	149	5.982	5.982	0.000	97	457836	50.0	52.6	
70 Fluorene	166	6.042	6.042	0.000	83	451442	50.0	53.5	
71 4-Chlorophenyl phenyl ether	204	6.050	6.050	0.000	84	216716	50.0	53.2	
72 4-Nitroaniline	138	6.074	6.074	0.000	40	110558	50.0	51.1	
73 4,6-Dinitro-2-methylphenol	198	6.092	6.092	0.000	73	148012	100.0	104.9	
74 N-Nitrosodiphenylamine	169	6.142	6.142	0.000	29	322296	50.0	51.6	
75 1,2-Diphenylhydrazine	77	6.172	6.172	0.000	55	495544	50.0	54.5	
$ 76 2,4,6-Tribromophenol	330	6.222	6.222	0.000	96	95041	50.0	54.2	
77 4-Bromophenyl phenyl ether	248	6.417	6.417	0.000	85	131707	50.0	52.5	
78 Hexachlorobenzene	284	6.452	6.452	0.000	92	164455	50.0	53.6	
79 Atrazine	200	6.556	6.556	0.000	89	53202	20.0	22.3	
80 Pentachlorophenol	266	6.606	6.606	0.000	90	201479	100.0	107.8	
81 Pentachloronitrobenzene	237	6.615	6.615	0.000	86	65914	50.0	54.6	
82 n-Octadecane	57	6.698	6.698	0.000	92	369029	50.0	52.0	
* 83 Phenanthrene-d10	188	6.745	6.745	0.000	99	475622	40.0	40.0	
84 Phenanthrene	178	6.766	6.766	0.000	98	643265	50.0	51.8	
85 Anthracene	178	6.804	6.804	0.000	97	663886	50.0	52.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.929	6.929	0.000	83	611903	50.0	52.4	
88 Di-n-butyl phthalate	149	7.213	7.213	0.000	100	803525	50.0	53.8	
89 Fluoranthene	202	7.656	7.656	0.000	97	716366	50.0	53.7	
90 Benzidine	184	7.769	7.769	0.000	99	388259	50.0	54.3	
91 Pyrene	202	7.825	7.825	0.000	97	735327	50.0	52.5	
92 Bisphenol-A	213	7.881	7.881	0.000	98	343698	50.0	56.0	
$ 93 Terphenyl-d14	244	7.955	7.955	0.000	98	620532	50.0	52.3	
95 Butyl benzyl phthalate	149	8.349	8.349	0.000	98	355516	50.0	54.5	
96 2,3,7,8-TCDD	320	8.394	8.394	0.000	55	1291	0.5000	0.5671	
97 Carbamazepine	193	8.424	8.424	0.000	90	322481	50.0	53.3	
99 3,3'-Dichlorobenzidine	252	8.776	8.776	0.000	98	303695	50.0	58.9	
100 Benzo[a]anthracene	228	8.785	8.785	0.000	99	704621	50.0	52.2	
* 98 Chrysene-d12	240	8.797	8.797	0.000	99	445822	40.0	40.0	
101 Chrysene	228	8.821	8.821	0.000	95	688441	50.0	51.1	
102 Bis(2-ethylhexyl) phthalate	149	8.853	8.853	0.000	87	524300	50.0	54.1	
103 Di-n-octyl phthalate	149	9.491	9.491	0.000	97	896822	50.0	54.5	
104 Benzo[b]fluoranthene	252	9.820	9.820	0.000	96	687926	50.0	58.1	
105 Benzo[k]fluoranthene	252	9.850	9.850	0.000	99	753980	50.0	53.7	
106 Benzo[a]pyrene	252	10.155	10.155	0.000	96	680771	50.0	56.9	
* 107 Perylene-d12	264	10.215	10.215	0.000	99	466463	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.342	11.342	0.000	99	637000	50.0	55.5	M
109 Dibenz(a,h)anthracene	278	11.375	11.375	0.000	96	676129	50.0	53.8	
110 Benzo[g,h,i]perylene	276	11.630	11.630	0.000	96	677078	50.0	52.1	
131 2,6-Dichlorophenol	162	4.352	4.352	0.000	80	177775	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L7_00004 Amount Added: 1.00 Units: mL

Report Date: 07-Apr-2022 09:24:20 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460951.D

Injection Date: 07-Apr-2022 08:30:37 Instrument ID: CBNAMS15 Operator ID:

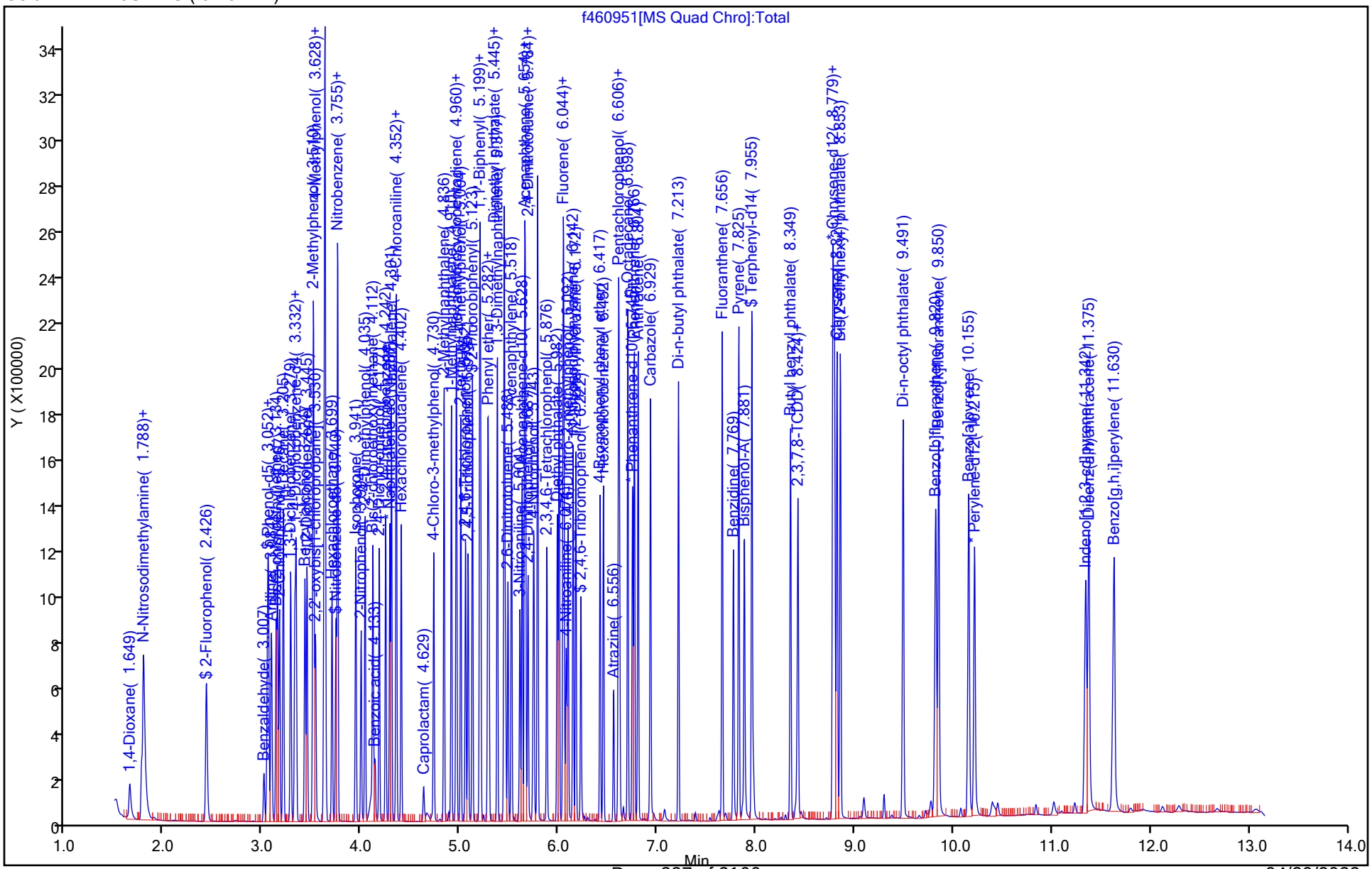
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

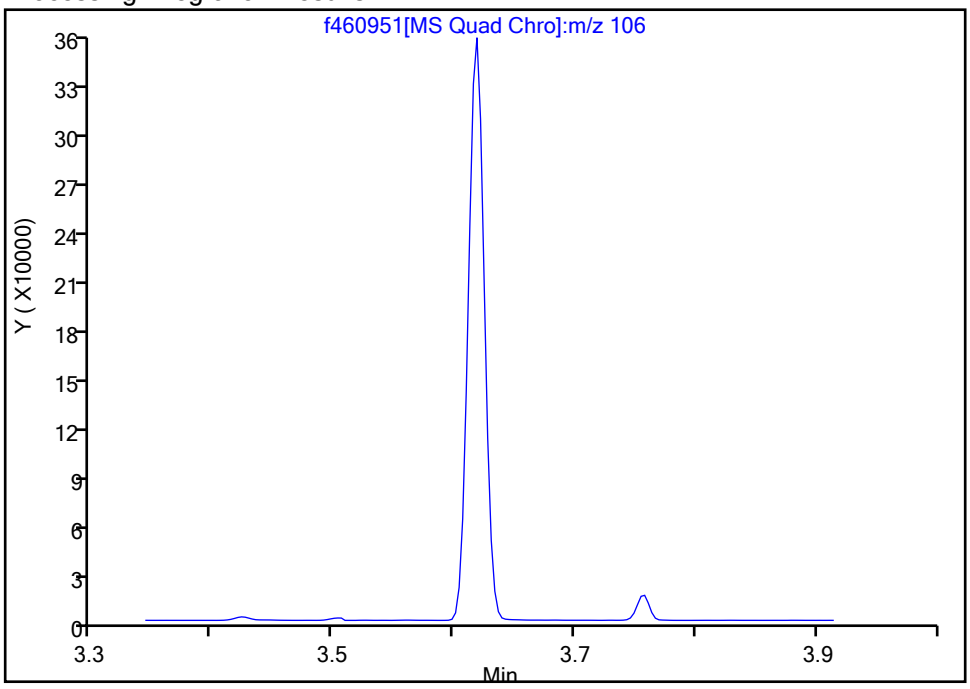
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460951.D
Injection Date: 07-Apr-2022 08:30:37 Instrument ID: CBNAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

130 N-Methylaniline, CAS: 100-61-8

Signal: 1

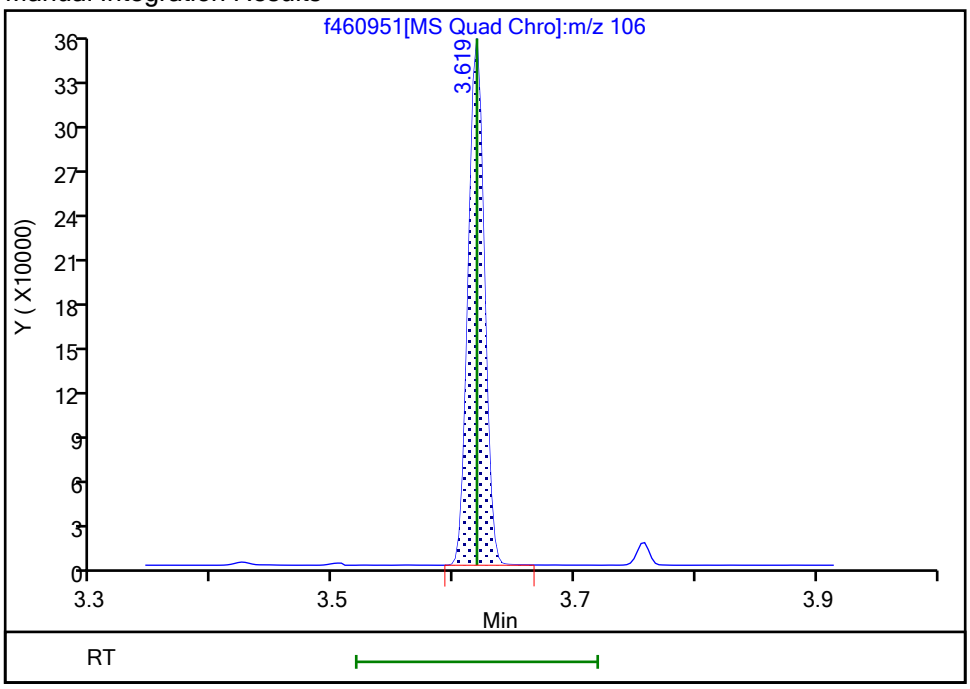
Not Detected
Expected RT: 3.62

Processing Integration Results



Manual Integration Results

RT: 3.62
Area: 324775
Amount: 49.791424
Amount Units: ug/ml



Reviewer: johnstonm1, 07-Apr-2022 08:48:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

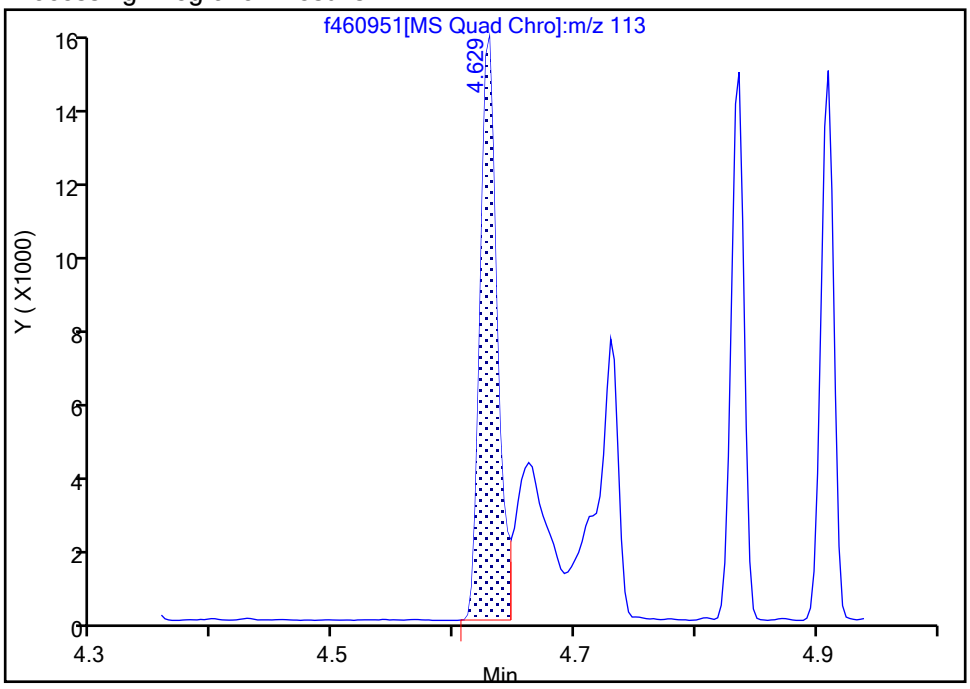
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460951.D
Injection Date: 07-Apr-2022 08:30:37 Instrument ID: CBNAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

40 Caprolactam, CAS: 105-60-2

Signal: 1

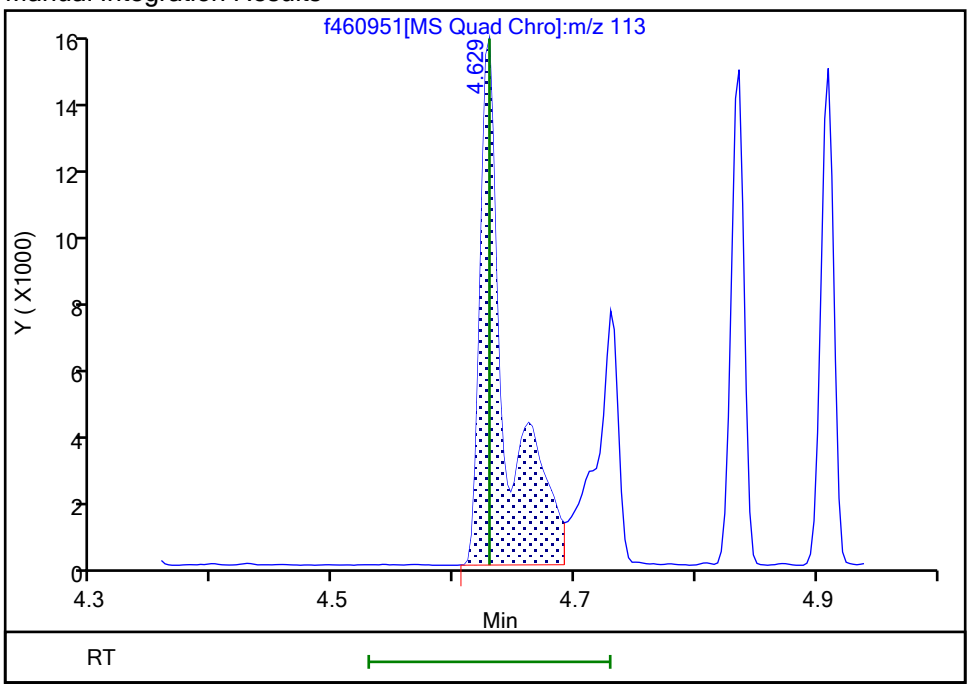
Processing Integration Results

RT: 4.63
Area: 14868
Amount: 10.858631
Amount Units: ug/ml



Manual Integration Results

RT: 4.63
Area: 22125
Amount: 16.158677
Amount Units: ug/ml



Reviewer: johnstonm1, 07-Apr-2022 08:48:46
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

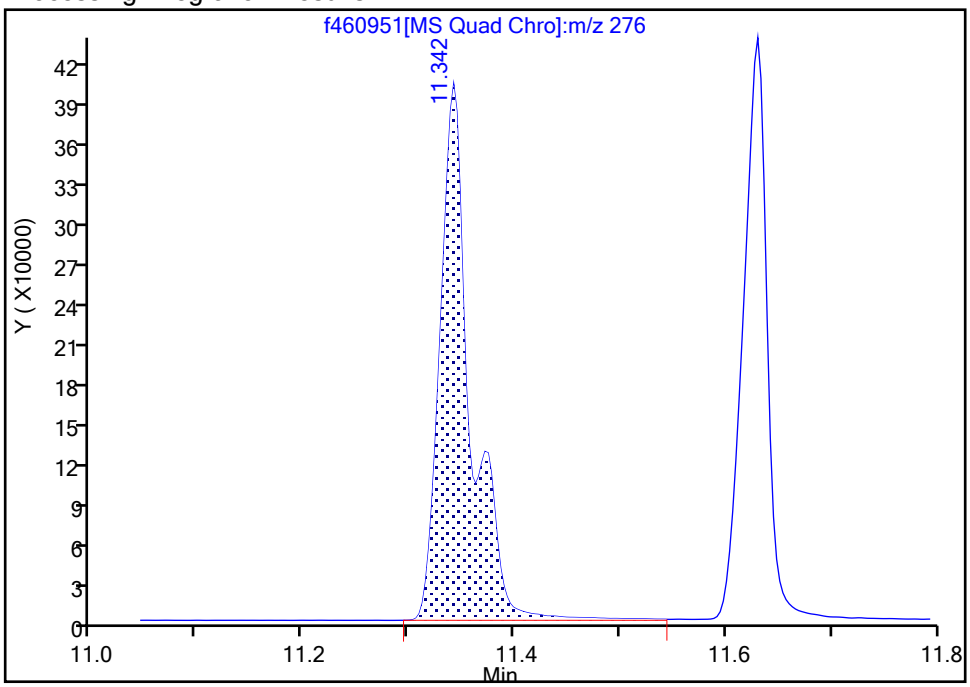
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460951.D
Injection Date: 07-Apr-2022 08:30:37 Instrument ID: CBNAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

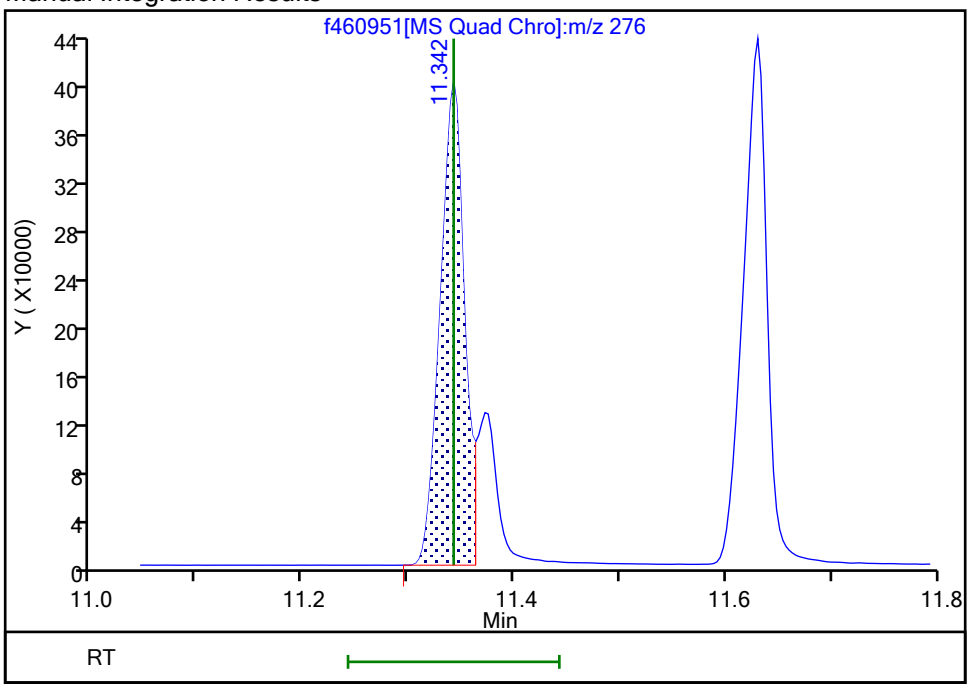
Processing Integration Results

RT: 11.34
Area: 805952
Amount: 67.614221
Amount Units: ug/ml



Manual Integration Results

RT: 11.34
Area: 637000
Amount: 55.463880
Amount Units: ug/ml



Reviewer: johnstonm1, 07-Apr-2022 08:49:03
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460644.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 30-Mar-2022 08:25:15 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143392-001
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Mar-2022 11:28:53 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1603

First Level Reviewer: johnstonm1 Date: 30-Mar-2022 11:28:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
4 Pentachlorophenol_T	266	2.278	2.278	0.000	90	57831	NR	NR	
6 Benzidine_T	184	2.873	2.873	0.000	99	296881	NR	NR	
121 DFTPP									
122 4,4'-DDE	246	2.944	2.944	0.000	70	728		NR	
123 4,4'-DDD	235	3.080	3.080	0.000	83	3544		NR	
124 4,4'-DDT	235	3.204	3.204	0.000	98	102062	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

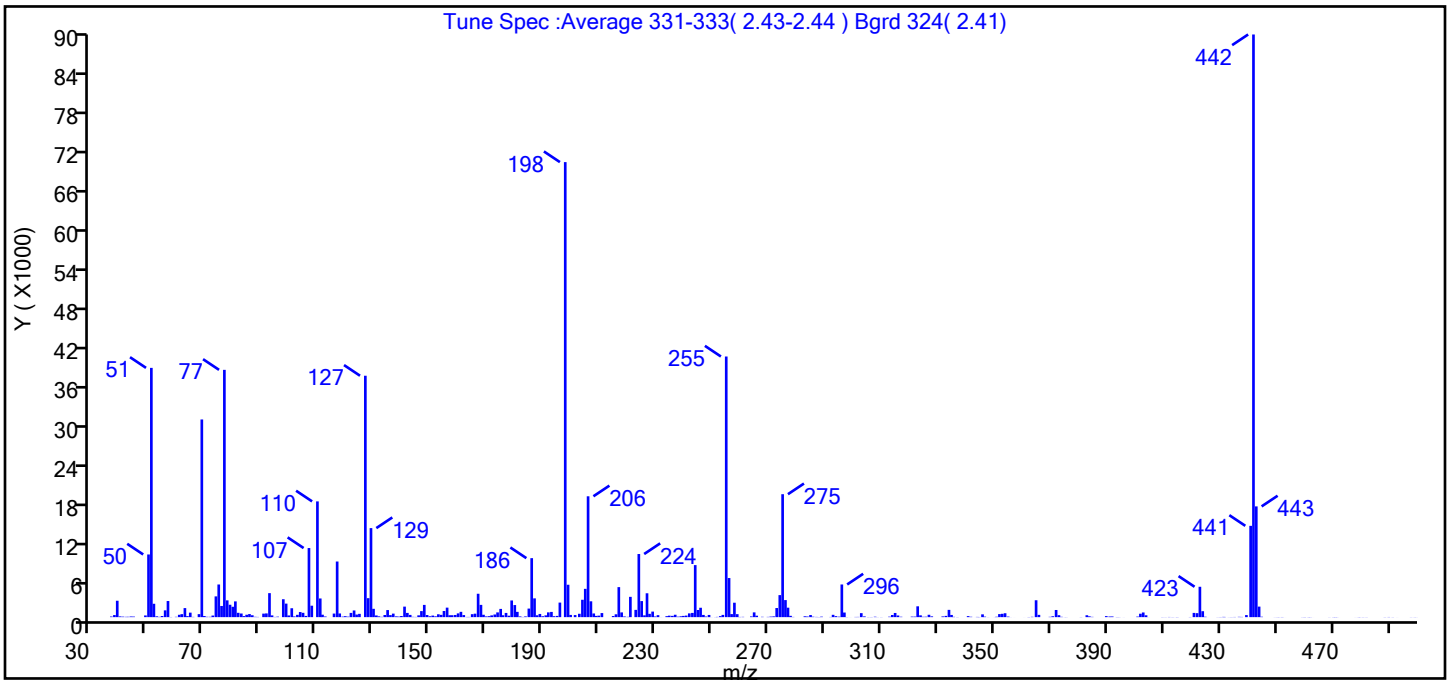
SMDFTP_CH_00034 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460644.D
Injection Date: 30-Mar-2022 08:25:15 Instrument ID: CBNAMS15
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Tune Method: DFTPP Method 8270E, BP 198

121 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.7 (1.5)
69	Present	43.4
70	<2% of m/z 69	0.2 (0.6)
197	<2% of m/z 198	0.0
199	5-9% of m/z 198	7.1
365	>1% of m/z 198	3.7
441	<150% of m/z 443	20.1 (82.4)
442	Present	128.0
443	15-24% of m/z 442	24.3 (19.0)

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460644.D\8270_15R_9.rslt\spectra.d
Injection Date: 30-Mar-2022 08:25:15
Spectrum: Tune Spec :Average 331-333(2.43-2.44) Bgrd 324(2.41)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 368

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	96	137.00	542	235.00	225	350.00	10
38.00	318	138.00	118	236.00	197	351.00	61
39.00	2517	139.00	82	237.00	368	352.00	468
40.00	113	140.00	174	238.00	74	353.00	512
41.00	78	141.00	1615	239.00	129	354.00	599
42.00	49	142.00	650	240.00	191	355.00	86
43.00	55	143.00	344	241.00	238	356.00	7
44.00	100	144.00	45	242.00	577	357.00	3
45.00	86	145.00	33	243.00	649	361.00	4
49.00	261	146.00	276	244.00	7988	362.00	23
50.00	9620	147.00	928	245.00	1097	364.00	50
51.00	38264	148.00	1879	246.00	1442	365.00	2593
52.00	2053	149.00	327	247.00	341	366.00	350
53.00	126	150.00	136	248.00	94	370.00	48
54.00	46	151.00	239	249.00	337	371.00	135
55.00	173	152.00	127	250.00	8	372.00	1098
56.00	1042	153.00	439	251.00	13	373.00	297
57.00	2474	154.00	350	252.00	36	374.00	50
58.00	24	155.00	944	253.00	154	375.00	11
60.00	50	156.00	1459	254.00	345	376.00	11
61.00	362	157.00	292	255.00	40008	381.00	17
62.00	458	158.00	296	256.00	6003	383.00	289
63.00	1389	159.00	333	257.00	467	384.00	127
64.00	158	160.00	576	258.00	2214	385.00	44
65.00	691	161.00	815	259.00	456	386.00	1
66.00	37	162.00	316	260.00	32	387.00	1
68.00	459	163.00	31	261.00	44	390.00	159
69.00	30344	164.00	33	264.00	108	391.00	94
70.00	169	165.00	455	265.00	731	392.00	103
71.00	54	166.00	530	266.00	222	394.00	20
72.00	50	167.00	3591	268.00	51	394.00	15
73.00	244	168.00	1882	270.00	39	396.00	6
74.00	3187	169.00	366	271.00	85	401.00	83

Report Date: 30-Mar-2022 11:28:54 Chrom Revision: 2.3 18-Mar-2022 09:07:22
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460644.D\8270_15R_9.rslt\spectra.d
Injection Date: 30-Mar-2022 08:25:15
Spectrum: Tune Spec :Average 331-333(2.43-2.44) Bgrd 324(2.41)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 368

m/z	Y	m/z	Y	m/z	Y	m/z	Y
75.00	5012	170.00	111	272.00	117	402.00	524
76.00	1714	171.00	147	273.00	1398	403.00	717
77.00	37960	172.00	270	274.00	3381	404.00	284
78.00	2578	173.00	405	275.00	18872	405.00	8
79.00	1902	174.00	727	276.00	2618	410.00	18
80.00	1592	175.00	1265	277.00	1453	411.00	14
81.00	2419	176.00	289	278.00	203	412.00	28
82.00	665	177.00	647	279.00	33	413.00	18
83.00	558	178.00	220	283.00	131	414.00	7
84.00	162	179.00	2561	284.00	93	415.00	21
85.00	367	180.00	1854	285.00	323	420.00	24
86.00	475	181.00	811	286.00	67	421.00	651
87.00	288	182.00	110	287.00	35	422.00	613
88.00	51	183.00	30	288.00	23	423.00	4662
89.00	33	184.00	112	289.00	77	424.00	913
90.00	2	185.00	1315	292.00	30	425.00	61
91.00	541	186.00	9056	293.00	358	426.00	3
92.00	573	187.00	2882	294.00	150	429.00	13
93.00	3685	188.00	287	295.00	72	430.00	23
94.00	266	189.00	491	296.00	5015	431.00	35
95.00	31	190.00	139	297.00	707	432.00	29
96.00	75	191.00	274	298.00	18	433.00	11
98.00	2751	192.00	731	299.00	5	434.00	19
99.00	2076	193.00	803	301.00	32	435.00	28
100.00	260	194.00	146	302.00	37	437.00	47
101.00	1367	195.00	190	303.00	613	438.00	34
102.00	108	196.00	2234	304.00	114	440.00	315
103.00	354	198.00	69848	305.00	20	441.00	14015
104.00	784	199.00	4973	306.00	23	442.00	89440
105.00	662	200.00	340	308.00	64	443.00	17000
106.00	189	201.00	320	309.00	12	444.00	1617
107.00	10606	203.00	517	310.00	15	445.00	64
108.00	1756	204.00	2668	313.00	72	450.00	10
110.00	17768	205.00	4344	314.00	327	450.00	14

Report Date: 30-Mar-2022 11:28:54 Chrom Revision: 2.3 18-Mar-2022 09:07:22
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460644.D\8270_15R_9.rslt\spectra.d
Injection Date: 30-Mar-2022 08:25:15
Spectrum: Tune Spec :Average 331-333(2.43-2.44) Bgrd 324(2.41)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 368

m/z	Y	m/z	Y	m/z	Y	m/z	Y
111.00	2866	206.00	18552	315.00	640	451.00	14
112.00	373	207.00	2431	316.00	253	452.00	23
113.00	96	208.00	564	317.00	61	453.00	2
114.00	2	209.00	191	321.00	83	459.00	13
115.00	1	210.00	228	322.00	83	460.00	22
116.00	549	211.00	626	323.00	1663	462.00	21
117.00	8539	215.00	171	324.00	276	462.00	14
118.00	564	216.00	438	325.00	54	463.00	2
119.00	81	217.00	4608	326.00	66	469.00	12
120.00	145	218.00	727	327.00	363	470.00	19
121.00	76	219.00	104	328.00	119	471.00	20
122.00	651	220.00	49	332.00	112	472.00	13
123.00	1025	221.00	3115	333.00	193	473.00	1
124.00	397	223.00	1116	334.00	1118	478.00	6
125.00	505	224.00	9690	335.00	336	479.00	15
127.00	37056	225.00	2465	336.00	47	480.00	13
128.00	2912	226.00	278	337.00	17	481.00	16
129.00	13668	227.00	3664	341.00	157	482.00	15
130.00	1279	228.00	507	342.00	58	489.00	17
131.00	259	229.00	853	343.00	3	490.00	26
132.00	122	230.00	99	344.00	35	491.00	15
133.00	44	231.00	302	345.00	25	493.00	4
134.00	327	232.00	8	346.00	429	498.00	13
135.00	1087	233.00	2	347.00	79	499.00	14
136.00	314	234.00	149	348.00	11	500.00	7

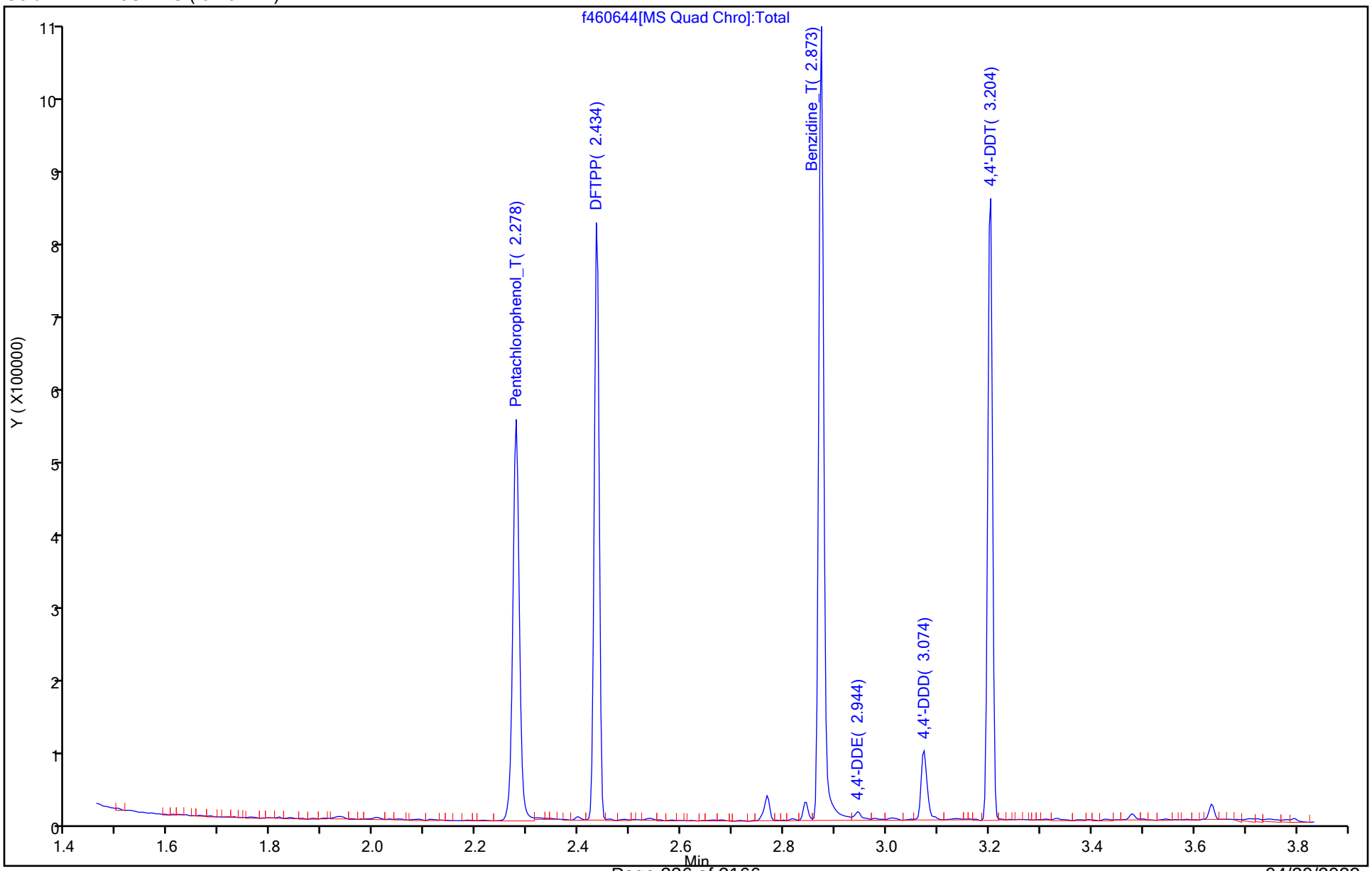
Report Date: 30-Mar-2022 11:28:54 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460644.D

Injection Date:	30-Mar-2022 08:25:15	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	DFTPP			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

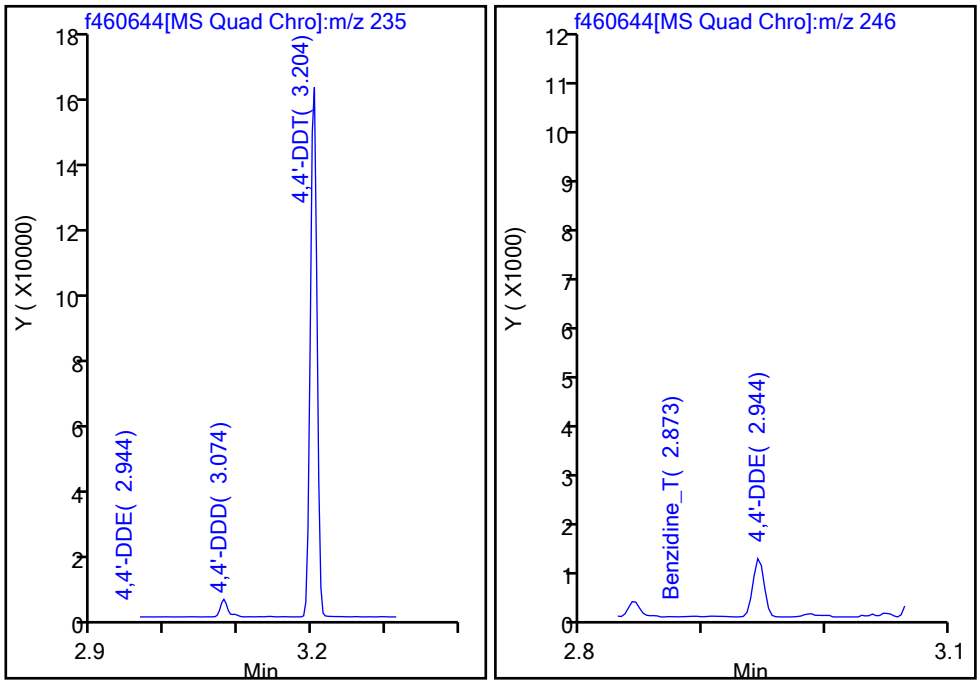


Breakdown Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460644.D
Injection Date: 30-Mar-2022 08:25:15 Instrument ID: CBNAMS15
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL

124 4,4'-DDT, Detector: MS Quad



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

124 4,4'-DDT, Area = 102062
123 4,4'-DDD, Area = 3544
122 4,4'-DDE, Area = 728

%Breakdown: 4.02%, <= 20.00%
Passed

Peak Tailing Report

Eurofins Edison

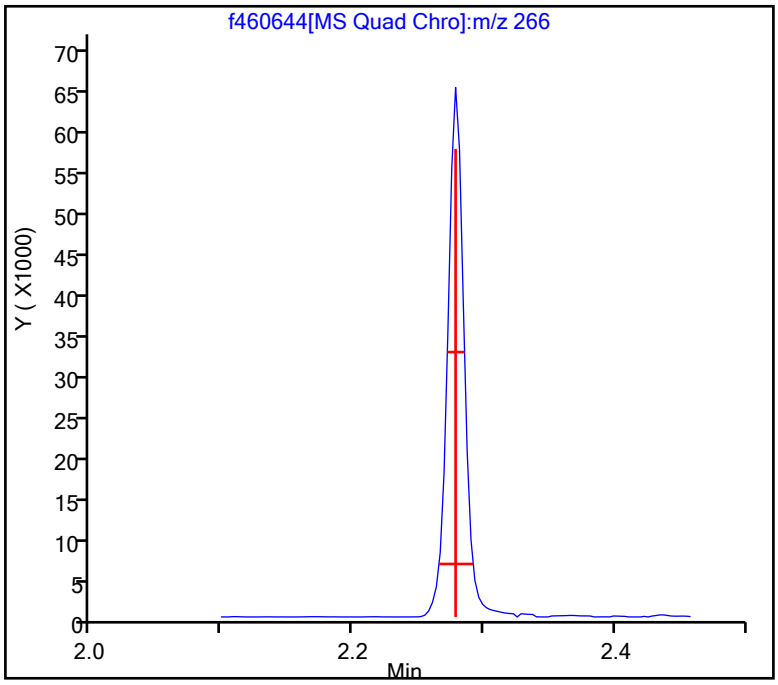
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460644.D
Injection Date: 30-Mar-2022 08:25:15 Instrument ID: CBNAMS15
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL

4 Pentachlorophenol_T, Detector: MS Quad

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.014 (min.)
Front Width = 0.013 (min.)

Tailing Factor = 1.08, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins Edison

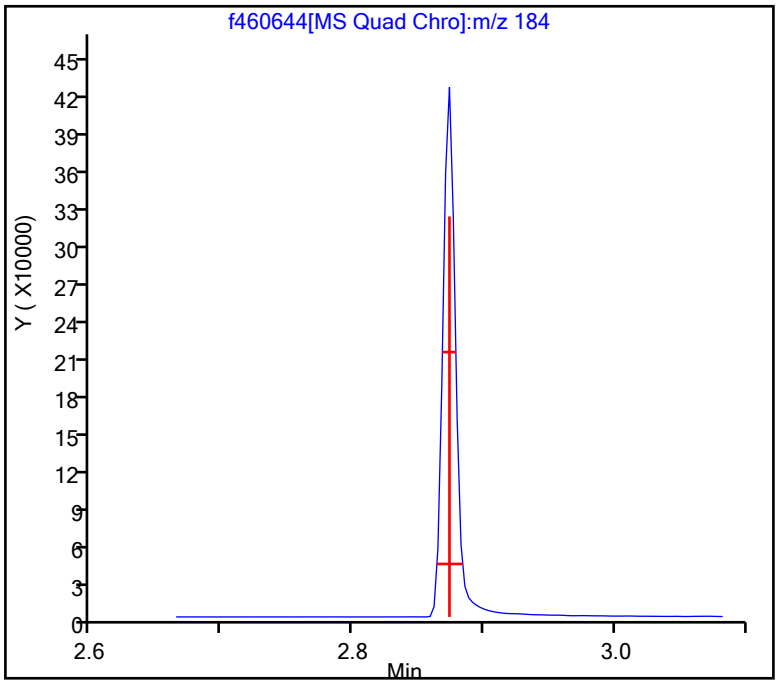
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460644.D
Injection Date: 30-Mar-2022 08:25:15 Instrument ID: CBNAMS15
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL

6 Benzidine_T, Detector: MS Quad

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.010 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.00, Max. Tailing <= 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-837727/1-A

Matrix: Solid | Lab File ID: f460956.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/06/2022 19:30

Sample wt/vol: 15.00(g) | Date Analyzed: 04/07/2022 09:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837819 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.4	U	330	4.4
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	330	10
108-60-1	2,2'-oxybis[1-chloropropane]	6.0	U	330	6.0
58-90-2	2,3,4,6-Tetrachlorophenol	22	U	330	22
95-95-4	2,4,5-Trichlorophenol	34	U	330	34
88-06-2	2,4,6-Trichlorophenol	42	U	130	42
120-83-2	2,4-Dichlorophenol	21	U	130	21
105-67-9	2,4-Dimethylphenol	15	U	330	15
51-28-5	2,4-Dinitrophenol	160	U	270	160
121-14-2	2,4-Dinitrotoluene	36	U	67	36
606-20-2	2,6-Dinitrotoluene	24	U	67	24
91-58-7	2-Chloronaphthalene	15	U	330	15
95-57-8	2-Chlorophenol	12	U	330	12
91-57-6	2-Methylnaphthalene	9.3	U	330	9.3
95-48-7	2-Methylphenol	12	U	330	12
88-74-4	2-Nitroaniline	12	U	330	12
88-75-5	2-Nitrophenol	33	U	330	33
91-94-1	3,3'-Dichlorobenzidine	50	U	130	50
99-09-2	3-Nitroaniline	37	U	330	37
534-52-1	4,6-Dinitro-2-methylphenol	140	U	270	140
101-55-3	4-Bromophenyl phenyl ether	13	U	330	13
59-50-7	4-Chloro-3-methylphenol	19	U	330	19
106-47-8	4-Chloroaniline	59	U	330	59
7005-72-3	4-Chlorophenyl phenyl ether	12	U	330	12
106-44-5	4-Methylphenol	21	U	330	21
100-01-6	4-Nitroaniline	38	U	330	38
100-02-7	4-Nitrophenol	54	U	670	54
83-32-9	Acenaphthene	9.4	U	330	9.4
208-96-8	Acenaphthylene	3.3	U	330	3.3
98-86-2	Acetophenone	16	U	330	16
120-12-7	Anthracene	10	U	330	10
1912-24-9	Atrazine	19	U	130	19
100-52-7	Benzaldehyde	55	U	330	55
56-55-3	Benzo[a]anthracene	12	U	33	12
50-32-8	Benzo[a]pyrene	8.8	U	33	8.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-837727/1-A

Matrix: Solid | Lab File ID: f460956.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/06/2022 19:30

Sample wt/vol: 15.00(g) | Date Analyzed: 04/07/2022 09:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837819 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
205-99-2	Benzo[b]fluoranthene	8.6	U	33	8.6
191-24-2	Benzo[g,h,i]perylene	9.8	U	330	9.8
207-08-9	Benzo[k]fluoranthene	6.5	U	33	6.5
111-91-1	Bis(2-chloroethoxy)methane	26	U	330	26
111-44-4	Bis(2-chloroethyl)ether	12	U	33	12
117-81-7	Bis(2-ethylhexyl) phthalate	17	U	330	17
85-68-7	Butyl benzyl phthalate	16	U	330	16
105-60-2	Caprolactam	51	U	330	51
86-74-8	Carbazole	13	U	330	13
218-01-9	Chrysene	5.6	U	330	5.6
53-70-3	Dibenz(a,h)anthracene	14	U	33	14
132-64-9	Dibenzofuran	4.6	U	330	4.6
84-66-2	Diethyl phthalate	4.8	U	330	4.8
131-11-3	Dimethyl phthalate	75	U	330	75
84-74-2	Di-n-butyl phthalate	12	U	330	12
117-84-0	Di-n-octyl phthalate	18	U	330	18
206-44-0	Fluoranthene	12	U	330	12
86-73-7	Fluorene	4.5	U	330	4.5
118-74-1	Hexachlorobenzene	16	U	33	16
87-68-3	Hexachlorobutadiene	7.0	U	67	7.0
77-47-4	Hexachlorocyclopentadiene	29	U	330	29
67-72-1	Hexachloroethane	11	U	33	11
193-39-5	Indeno[1,2,3-cd]pyrene	13	U	33	13
78-59-1	Isophorone	96	U	130	96
91-20-3	Naphthalene	5.7	U	330	5.7
98-95-3	Nitrobenzene	7.9	U	33	7.9
621-64-7	N-Nitrosodi-n-propylamine	24	U	33	24
86-30-6	N-Nitrosodiphenylamine	27	U	330	27
87-86-5	Pentachlorophenol	68	U	270	68
85-01-8	Phenanthrene	5.8	U	330	5.8
108-95-2	Phenol	12	U	330	12
129-00-0	Pyrene	8.2	U	330	8.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-837727/1-A

Matrix: Solid | Lab File ID: f460956.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/06/2022 19:30

Sample wt/vol: 15.00(g) | Date Analyzed: 04/07/2022 09:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837819 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	90		10-123
321-60-8	2-Fluorobiphenyl	84		14-103
367-12-4	2-Fluorophenol (Surr)	82		10-105
4165-60-0	Nitrobenzene-d5 (Surr)	84		11-104
4165-62-2	Phenol-d5 (Surr)	83		15-100
1718-51-0	Terphenyl-d14 (Surr)	96		12-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460956.D
Lims ID: MB 460-837727/1-A
Client ID:
Sample Type: MB
Inject. Date: 07-Apr-2022 09:57:11 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143724-007
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 07-Apr-2022 10:24:08 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1613

First Level Reviewer: johnstonm1 Date: 07-Apr-2022 10:24:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 5 2-Fluorophenol	112	2.414	2.418	-0.012	93	143087	50.0	40.9	
$ 8 Phenol-d5	99	3.027	3.037	-0.019	100	178019	50.0	41.5	
* 15 1,4-Dichlorobenzene-d4	152	3.311	3.320	-0.009	97	98315	40.0	40.0	
$ 26 Nitrobenzene-d5	82	3.727	3.730	-0.013	91	169130	50.0	42.2	
* 36 Naphthalene-d8	136	4.276	4.287	-0.011	100	393041	40.0	40.0	
49 2-Toluidine	107	5.114	5.084	0.015	0	5177		NC	
$ 50 2-Fluorobiphenyl	172	5.114	5.114	-0.009	97	338785	50.0	41.9	
* 61 Acenaphthene-d10	164	5.618	5.628	-0.010	96	227266	40.0	40.0	
$ 76 2,4,6-Tribromophenol	330	6.211	6.211	-0.011	95	67945	50.0	45.1	
* 83 Phenanthrene-d10	188	6.737	6.745	-0.008	99	427944	40.0	40.0	
86 1-Naphthylamine	143	6.734	6.760	-0.038	0	122		NC	
$ 93 Terphenyl-d14	244	7.948	7.941	-0.007	97	501111	50.0	48.2	
94 2-Naphthylamine	143	7.948	7.976	-0.041	0	155		NC	
* 98 Chrysene-d12	240	8.781	8.797	-0.016	99	390916	40.0	40.0	
* 107 Perylene-d12	264	10.192	10.215	-0.023	98	408564	40.0	40.0	
131 2,6-Dichlorophenol	162	4.385	4.352	0.033	0	8		NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
NC - Not Calibrated

Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

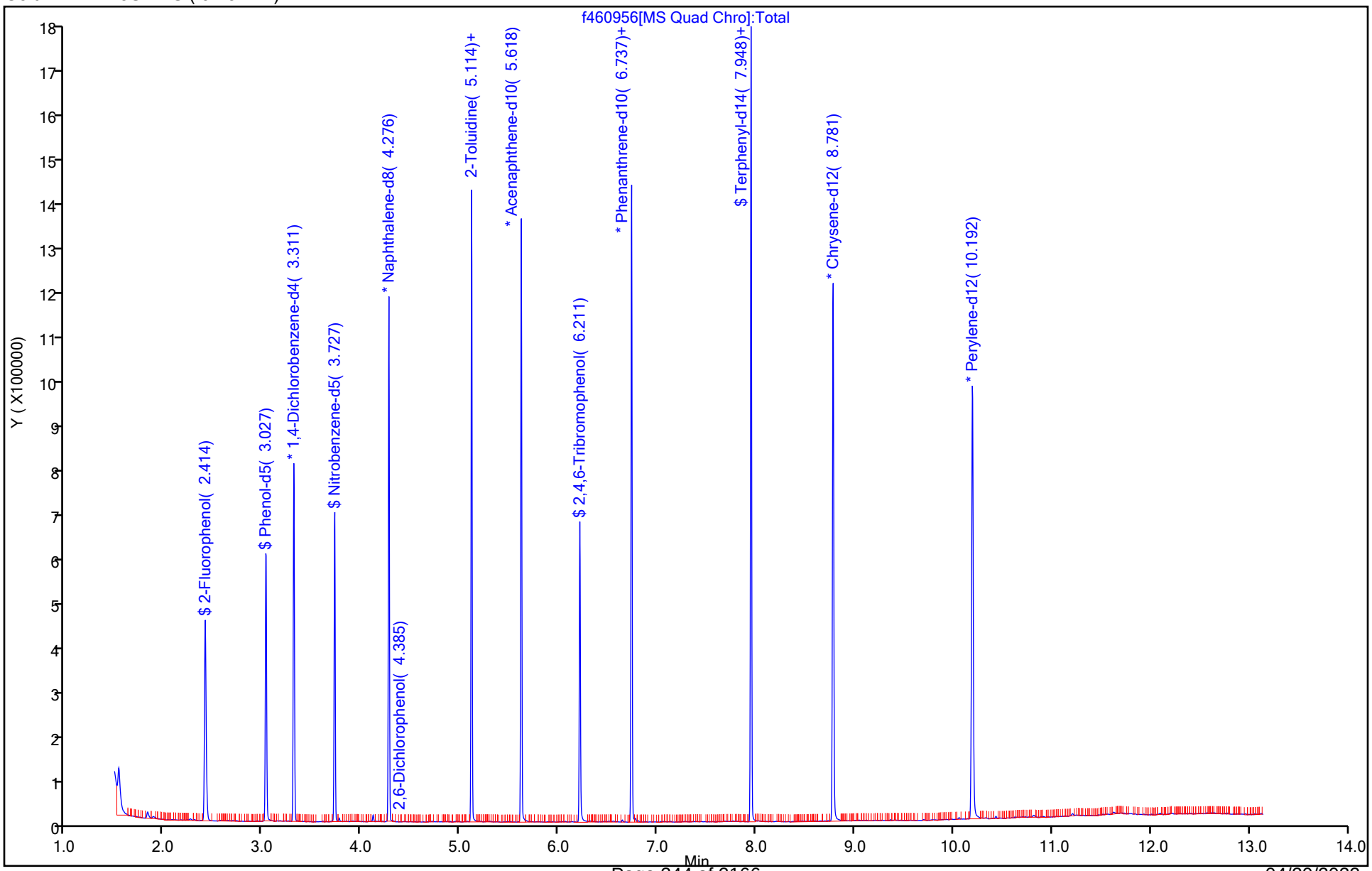
Report Date: 07-Apr-2022 10:24:08 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460956.D

Injection Date:	07-Apr-2022 09:57:11	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	MB 460-837727/1-A			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460956.D
Lims ID: MB 460-837727/1-A
Client ID:
Sample Type: MB
Inject. Date: 07-Apr-2022 09:57:11 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143724-007
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 07-Apr-2022 10:24:08 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1613

First Level Reviewer: johnstonm1 Date: 07-Apr-2022 10:24:08

Compound	Amount Added	Amount Recovered	% Rec.
$ 5 2-Fluorophenol	50.0	40.9	81.87
$ 8 Phenol-d5	50.0	41.5	83.08
$ 26 Nitrobenzene-d5	50.0	42.2	84.39
$ 50 2-Fluorobiphenyl	50.0	41.9	83.82
$ 76 2,4,6-Tribromophenol	50.0	45.1	90.11
$ 93 Terphenyl-d14	50.0	48.2	96.42

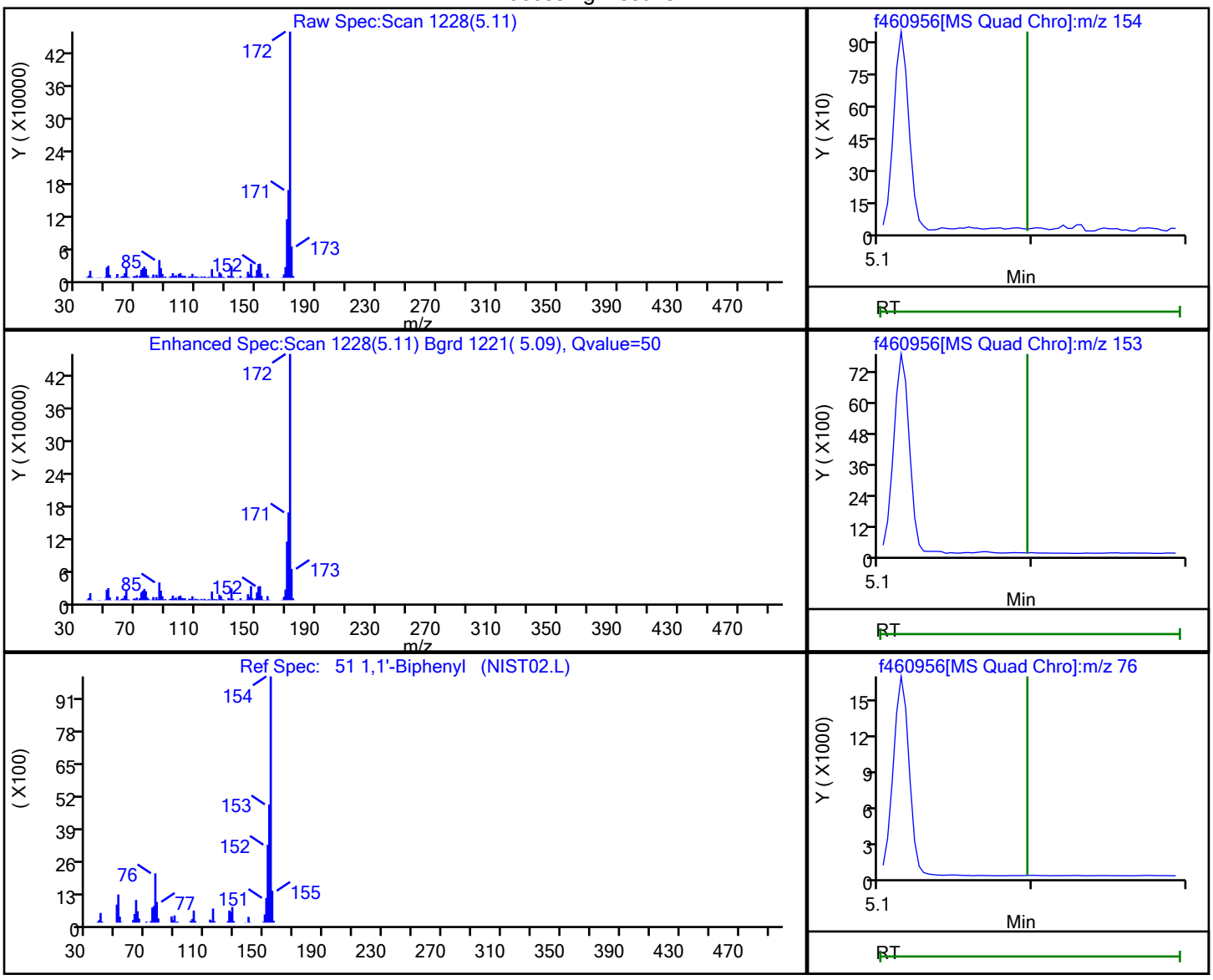
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460956.D
Injection Date: 07-Apr-2022 09:57:11 Instrument ID: CBNAMS15
Lims ID: MB 460-837727/1-A
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

51 1,1'-Biphenyl, CAS: 92-52-4

Processing Results



RT	Mass	Response	Amount
5.11	154.00	648	0.078088
5.11	153.00	5617	
5.11	76.00	11979	

Reviewer: johnstonm1, 07-Apr-2022 10:23:38
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

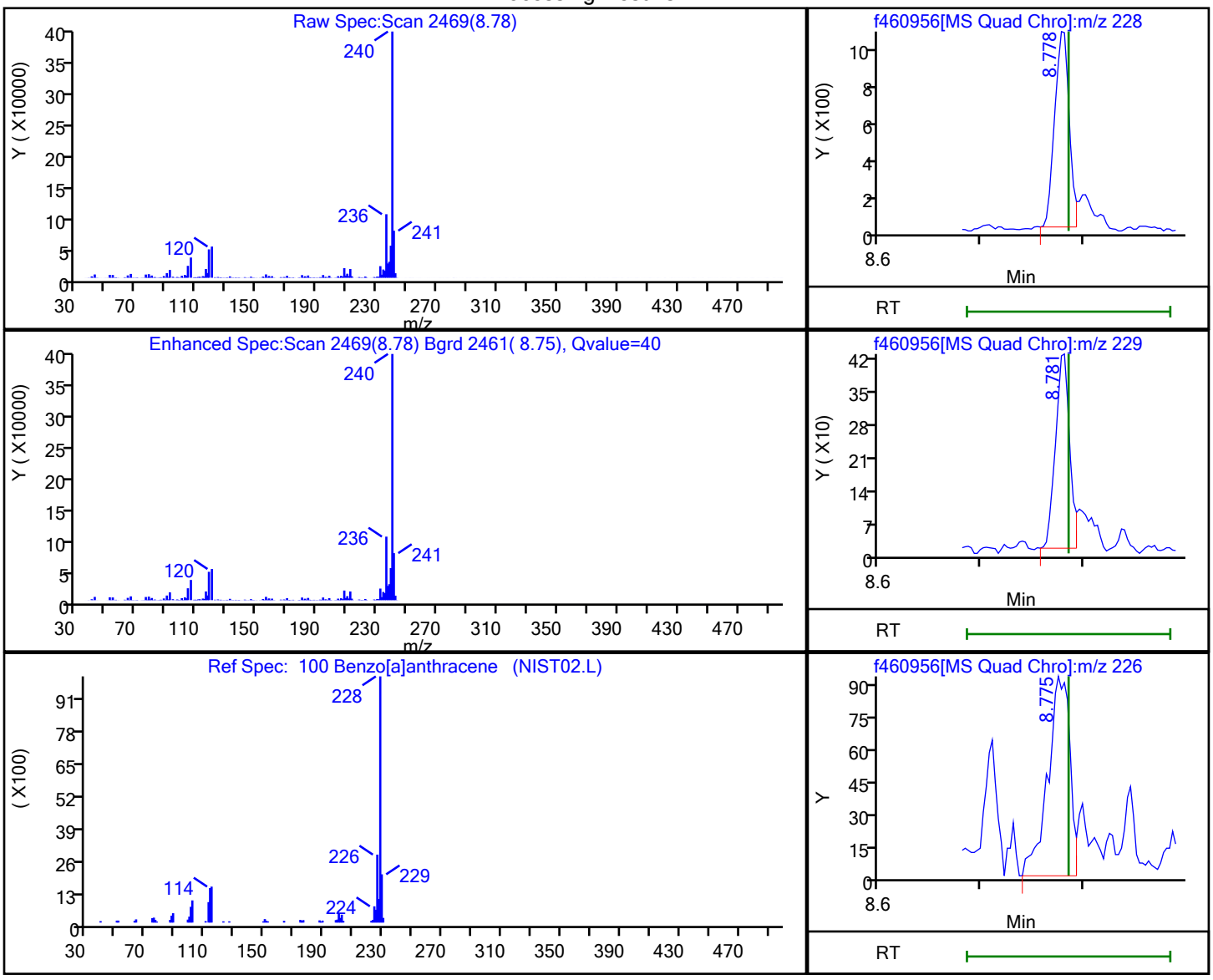
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460956.D
Injection Date: 07-Apr-2022 09:57:11 Instrument ID: CBNAMS15
Lims ID: MB 460-837727/1-A
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

100 Benzo[a]anthracene, CAS: 56-55-3

Processing Results



RT	Mass	Response	Amount
8.78	228.00	1031	0.087059
8.78	229.00	401	
8.78	226.00	142	

Reviewer: johnstonm1, 07-Apr-2022 10:23:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

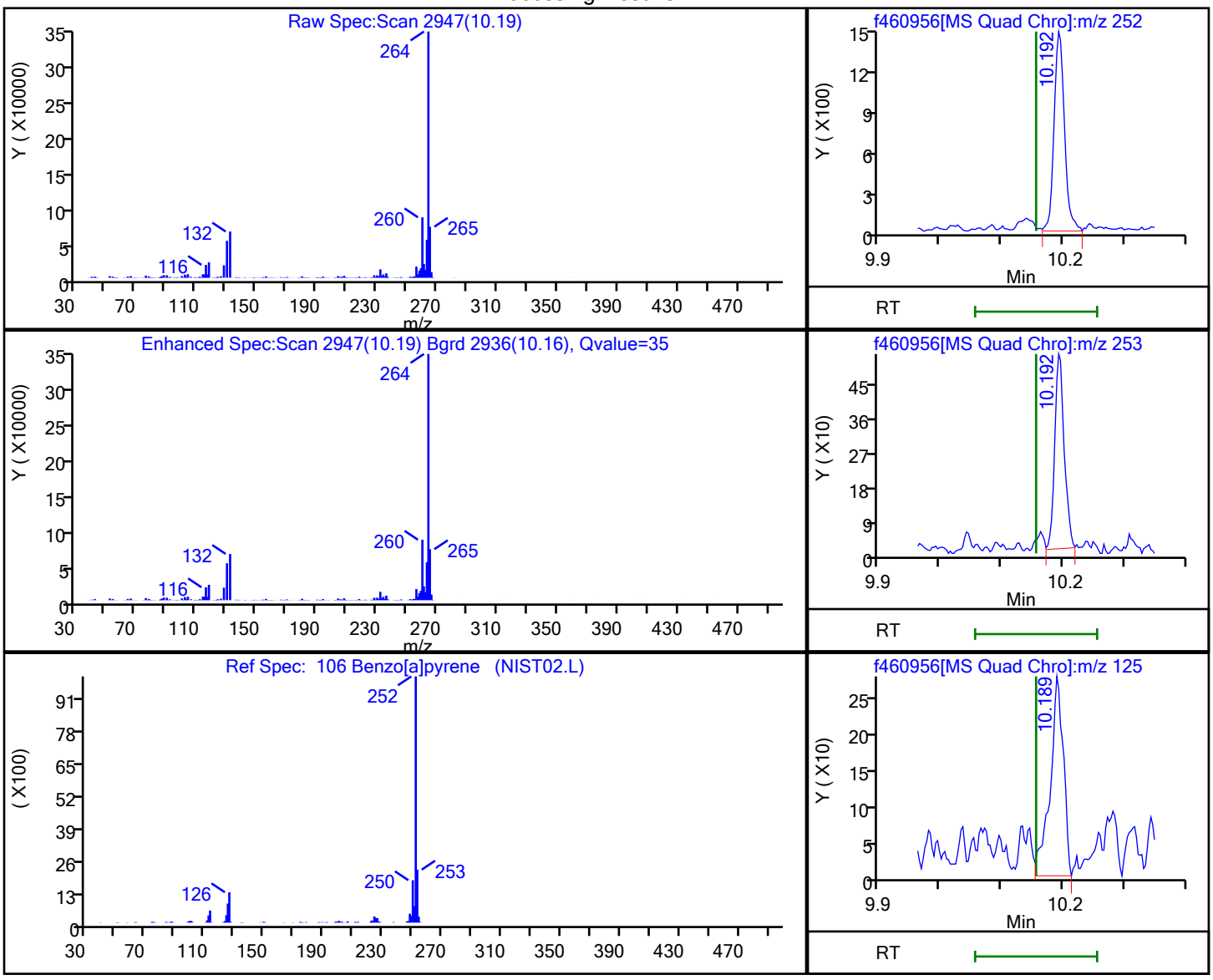
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460956.D				
Injection Date:	07-Apr-2022 09:57:11	Instrument ID:	CBNAMS15		
Lims ID:	MB 460-837727/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
10.19	252.00	1700	0.162133
10.19	253.00	555	
10.19	125.00	410	

Reviewer: johnstonm1, 07-Apr-2022 10:23:14

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

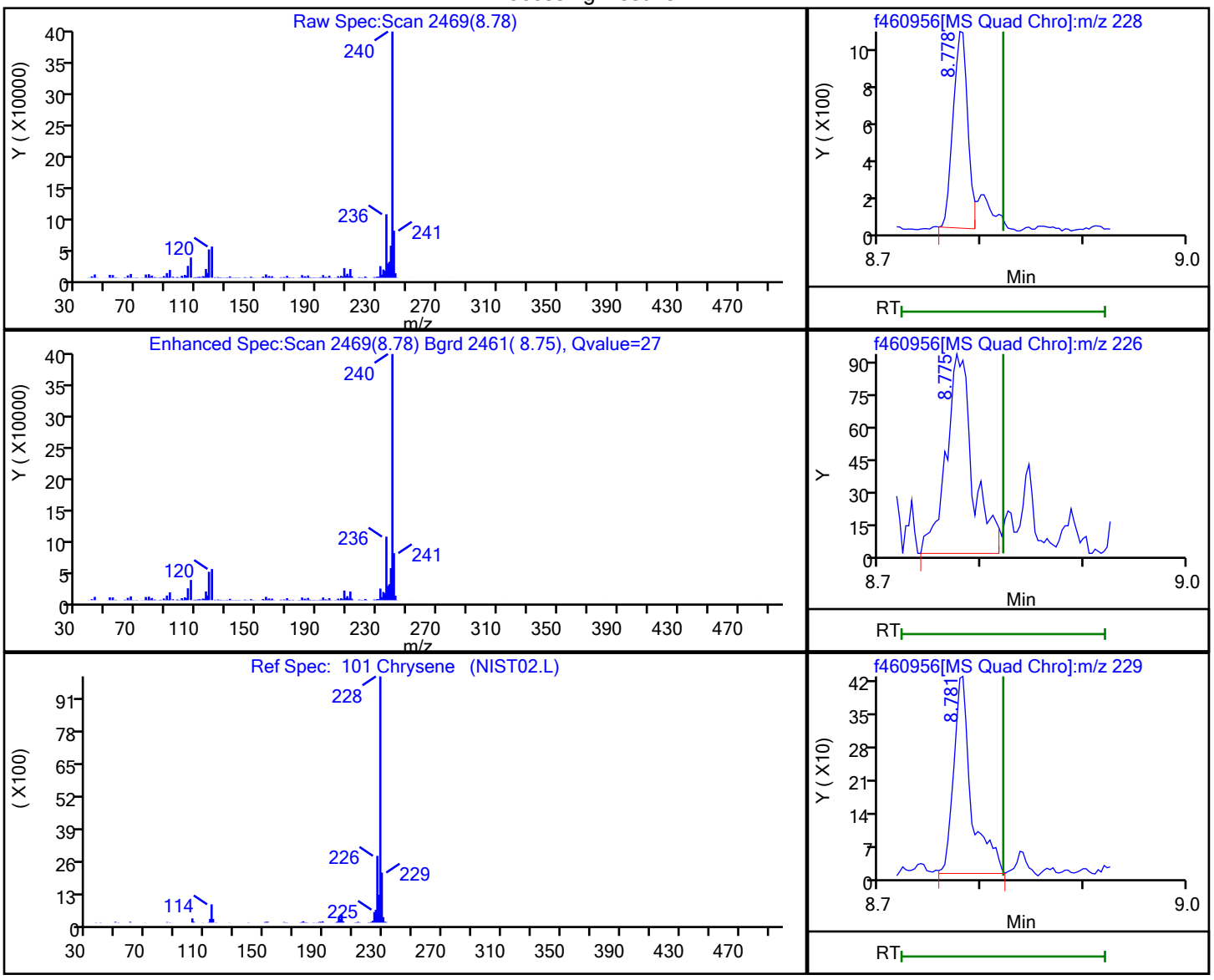
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460956.D				
Injection Date:	07-Apr-2022 09:57:11	Instrument ID:	CBNAMS15		
Lims ID:	MB 460-837727/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Chrysene, CAS: 218-01-9

Processing Results



RT	Mass	Response	Amount
8.78	228.00	1043	0.088310
8.78	226.00	171	
8.78	229.00	508	

Reviewer: johnstonm1, 07-Apr-2022 10:23:13

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

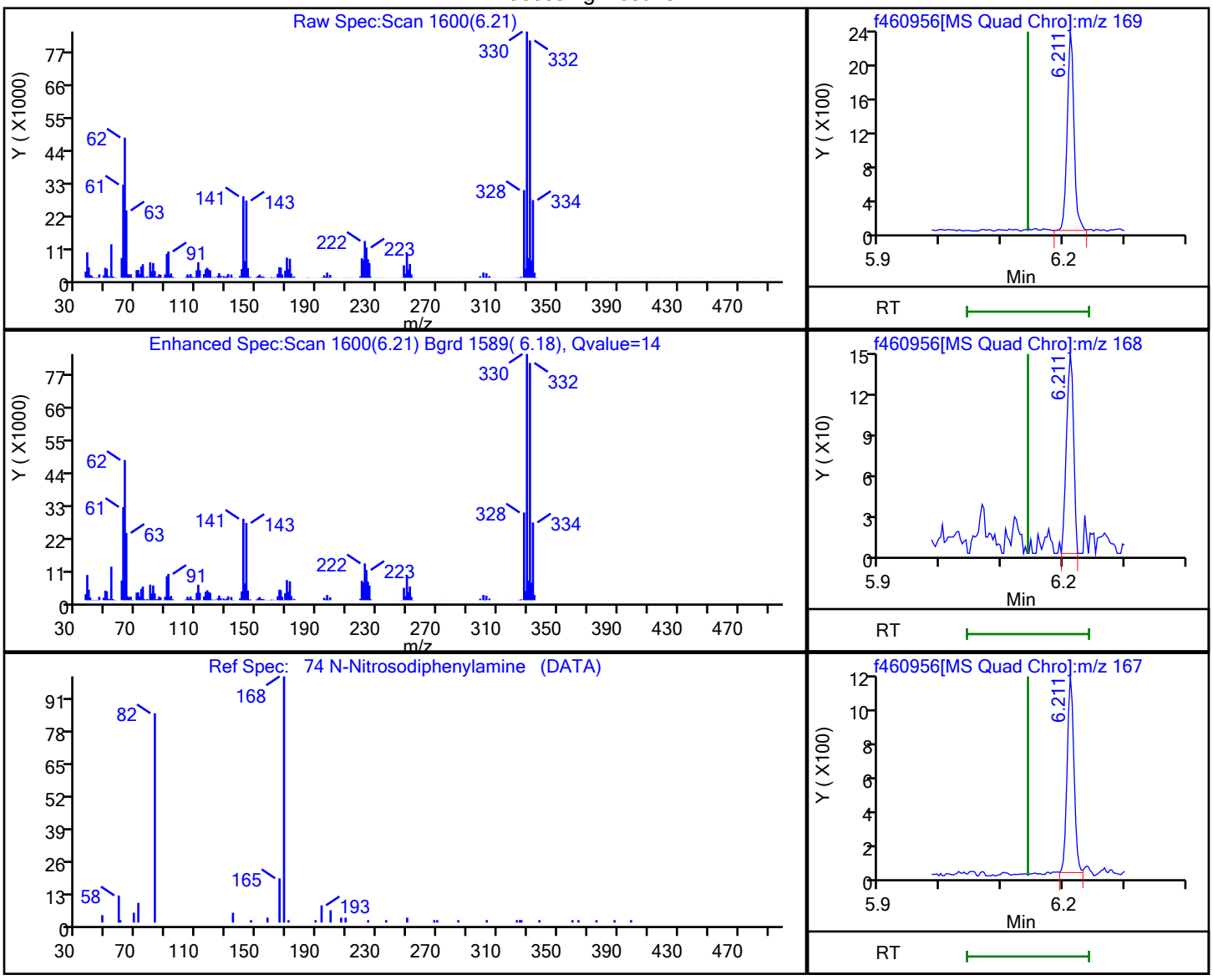
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460956.D				
Injection Date:	07-Apr-2022 09:57:11	Instrument ID:	CBNAMS15		
Lims ID:	MB 460-837727/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

74 N-Nitrosodiphenylamine, CAS: 86-30-6

Processing Results



RT	Mass	Response	Amount
6.21	169.00	1831	0.325927
6.21	168.00	118	
6.21	167.00	873	

Reviewer: johnstonm1, 07-Apr-2022 10:23:26

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-837727/2-A

Matrix: Solid | Lab File ID: f460957.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/06/2022 19:30

Sample wt/vol: 15.00(g) | Date Analyzed: 04/07/2022 10:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837819 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	3140		330	4.4
95-94-3	1,2,4,5-Tetrachlorobenzene	3100		330	10
108-60-1	2,2'-oxybis[1-chloropropane]	2720		330	6.0
58-90-2	2,3,4,6-Tetrachlorophenol	3350		330	22
95-95-4	2,4,5-Trichlorophenol	3170		330	34
88-06-2	2,4,6-Trichlorophenol	3290		130	42
120-83-2	2,4-Dichlorophenol	3230		130	21
105-67-9	2,4-Dimethylphenol	3100		330	15
51-28-5	2,4-Dinitrophenol	6210		270	160
121-14-2	2,4-Dinitrotoluene	3590		67	36
606-20-2	2,6-Dinitrotoluene	3390		67	24
91-58-7	2-Chloronaphthalene	3130		330	15
95-57-8	2-Chlorophenol	3070		330	12
91-57-6	2-Methylnaphthalene	2990		330	9.3
95-48-7	2-Methylphenol	3130		330	12
88-74-4	2-Nitroaniline	3280		330	12
88-75-5	2-Nitrophenol	3170		330	33
91-94-1	3,3'-Dichlorobenzidine	3250		130	50
99-09-2	3-Nitroaniline	3230		330	37
534-52-1	4,6-Dinitro-2-methylphenol	6260		270	140
101-55-3	4-Bromophenyl phenyl ether	3130		330	13
59-50-7	4-Chloro-3-methylphenol	3220		330	19
106-47-8	4-Chloroaniline	3050		330	59
7005-72-3	4-Chlorophenyl phenyl ether	3200		330	12
106-44-5	4-Methylphenol	3150		330	21
100-01-6	4-Nitroaniline	3230		330	38
100-02-7	4-Nitrophenol	6760		670	54
83-32-9	Acenaphthene	3250		330	9.4
208-96-8	Acenaphthylene	3010		330	3.3
98-86-2	Acetophenone	3100		330	16
120-12-7	Anthracene	3170		330	10
1912-24-9	Atrazine	1260		130	19
100-52-7	Benzaldehyde	1230		330	55
56-55-3	Benzo[a]anthracene	3180		33	12
50-32-8	Benzo[a]pyrene	3130		33	8.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-837727/2-A

Matrix: Solid | Lab File ID: f460957.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/06/2022 19:30

Sample wt/vol: 15.00(g) | Date Analyzed: 04/07/2022 10:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837819 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
205-99-2	Benzo[b]fluoranthene	3610		33	8.6
191-24-2	Benzo[g,h,i]perylene	3230		330	9.8
207-08-9	Benzo[k]fluoranthene	3230		33	6.5
111-91-1	Bis(2-chloroethoxy)methane	3130		330	26
111-44-4	Bis(2-chloroethyl)ether	3000		33	12
117-81-7	Bis(2-ethylhexyl) phthalate	3210		330	17
85-68-7	Butyl benzyl phthalate	3230		330	16
105-60-2	Caprolactam	1150		330	51
86-74-8	Carbazole	3190		330	13
218-01-9	Chrysene	3110		330	5.6
53-70-3	Dibenz(a,h)anthracene	3340		33	14
132-64-9	Dibenzofuran	3200		330	4.6
84-66-2	Diethyl phthalate	3290		330	4.8
131-11-3	Dimethyl phthalate	3240		330	75
84-74-2	Di-n-butyl phthalate	3240		330	12
117-84-0	Di-n-octyl phthalate	3230		330	18
206-44-0	Fluoranthene	3220		330	12
86-73-7	Fluorene	3260		330	4.5
118-74-1	Hexachlorobenzene	3220		33	16
87-68-3	Hexachlorobutadiene	3080		67	7.0
77-47-4	Hexachlorocyclopentadiene	2830		330	29
67-72-1	Hexachloroethane	3100		33	11
193-39-5	Indeno[1,2,3-cd]pyrene	3290		33	13
78-59-1	Isophorone	3210		130	96
91-20-3	Naphthalene	3120		330	5.7
98-95-3	Nitrobenzene	3340		33	7.9
621-64-7	N-Nitrosodi-n-propylamine	3170		33	24
86-30-6	N-Nitrosodiphenylamine	3160		330	27
87-86-5	Pentachlorophenol	6510		270	68
85-01-8	Phenanthrene	3130		330	5.8
108-95-2	Phenol	3060		330	12
129-00-0	Pyrene	3150		330	8.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-837727/2-A

Matrix: Solid | Lab File ID: f460957.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/06/2022 19:30

Sample wt/vol: 15.00(g) | Date Analyzed: 04/07/2022 10:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837819 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	98		10-123
321-60-8	2-Fluorobiphenyl	88		14-103
367-12-4	2-Fluorophenol (Surr)	83		10-105
4165-60-0	Nitrobenzene-d5 (Surr)	86		11-104
4165-62-2	Phenol-d5 (Surr)	85		15-100
1718-51-0	Terphenyl-d14 (Surr)	93		12-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460957.D
Lims ID: LCS 460-837727/2-A
Client ID:
Sample Type: LCS
Inject. Date: 07-Apr-2022 10:14:33 ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143724-008
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 07-Apr-2022 11:02:23 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1606

First Level Reviewer: johnstonm1 Date: 07-Apr-2022 11:02:23

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.643	1.643	0.000	97	59637	50.0	42.4	
	2 N-Nitrosodimethylamine	74	1.761	1.761	0.000	81	94402	50.0	45.1	
	3 Pyridine	79	1.782	1.782	0.000	86	292609	100.0	81.9	
$	5 2-Fluorophenol	112	2.416	2.416	0.000	93	158755	50.0	41.7	
	7 Benzaldehyde	77	2.999	2.999	0.000	91	56284	20.0	18.4	E
$	8 Phenol-d5	99	3.035	3.035	0.000	92	199278	50.0	42.7	
	9 Phenol	94	3.044	3.044	0.000	97	208195	50.0	46.0	
	10 Aniline	93	3.073	3.073	0.000	13	242566	50.0	44.9	
	11 Bis(2-chloroethyl)ether	93	3.120	3.120	0.000	91	163567	50.0	45.1	
	12 2-Chlorophenol	128	3.156	3.156	0.000	68	172277	50.0	46.0	
	13 n-Decane	43	3.197	3.197	0.000	89	175137	50.0	39.9	
	14 1,3-Dichlorobenzene	146	3.271	3.271	0.000	94	184675	50.0	45.6	
*	15 1,4-Dichlorobenzene-d4	152	3.312	3.312	0.000	97	107020	40.0	40.0	
	16 1,4-Dichlorobenzene	146	3.327	3.327	0.000	92	186827	50.0	45.2	
	17 Benzyl alcohol	108	3.415	3.415	0.000	90	113390	50.0	45.9	
	18 1,2-Dichlorobenzene	146	3.436	3.436	0.000	94	179613	50.0	46.2	
	19 2-Methylphenol	108	3.495	3.495	0.000	84	155437	50.0	46.9	
	20 2,2'-oxybis[1-chloropropane]	45	3.522	3.522	0.000	91	220223	50.0	40.8	
	130 N-Methylaniline	106	3.610	3.610	0.000	77	260011	50.0	44.8	
	21 Acetophenone	105	3.619	3.619	0.000	86	250479	50.0	46.4	
	22 4-Methylphenol	108	3.619	3.619	0.000	69	180773	50.0	47.3	
	23 3 & 4 Methylphenol	108	3.619	3.619	0.000	78	180773	50.0	47.3	
	24 N-Nitrosodi-n-propylamine	70	3.622	3.622	0.000	80	113243	50.0	47.5	
	25 Hexachloroethane	117	3.690	3.690	0.000	93	75380	50.0	46.5	
$	26 Nitrobenzene-d5	82	3.728	3.728	0.000	91	184284	50.0	43.0	
	27 Nitrobenzene	123	3.746	3.746	0.000	88	89385	50.0	50.1	
	28 n,n'-Dimethylaniline	120	3.749	3.749	0.000	82	261434	50.0	45.2	
	29 Isophorone	82	3.932	3.932	0.000	99	347701	50.0	48.1	
	30 2-Nitrophenol	139	3.985	3.985	0.000	85	92701	50.0	47.5	
	31 2,4-Dimethylphenol	122	4.026	4.026	0.000	89	151096	50.0	46.5	
	32 Bis(2-chloroethoxy)methane	93	4.106	4.106	0.000	96	210380	50.0	47.0	
	33 Benzoic acid	122	4.118	4.118	0.000	89	93433	50.0	43.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	4.168	4.168	0.000	93	147218	50.0	48.5	
35 1,2,4-Trichlorobenzene	180	4.236	4.236	0.000	94	153806	50.0	48.0	
* 36 Naphthalene-d8	136	4.277	4.277	0.000	100	419780	40.0	40.0	
37 Naphthalene	128	4.295	4.295	0.000	99	506570	50.0	46.8	
38 4-Chloroaniline	127	4.342	4.342	0.000	90	213839	50.0	45.8	
39 Hexachlorobutadiene	225	4.392	4.392	0.000	93	91151	50.0	46.3	
40 Caprolactam	113	4.617	4.617	0.000	90	20765	20.0	17.3	M
41 4-Chloro-3-methylphenol	107	4.723	4.723	0.000	94	151514	50.0	48.3	
42 2-Methylnaphthalene	142	4.829	4.829	0.000	84	333092	50.0	44.8	
43 1-Methylnaphthalene	142	4.903	4.903	0.000	90	320446	50.0	46.7	
44 Hexachlorocyclopentadiene	237	4.950	4.950	0.000	93	90159	50.0	42.4	
45 1,2,4,5-Tetrachlorobenzene	216	4.956	4.956	0.000	95	156837	50.0	46.4	
46 2-tertbutyl-4-methylphenol	149	4.998	4.998	0.000	88	215267	50.0	46.4	
47 2,4,6-Trichlorophenol	196	5.045	5.045	0.000	88	110985	50.0	49.4	
48 2,4,5-Trichlorophenol	196	5.071	5.071	0.000	92	118561	50.0	47.6	
$ 50 2-Fluorobiphenyl	172	5.116	5.116	0.000	97	378152	50.0	43.8	
51 1,1'-Biphenyl	154	5.189	5.189	0.000	96	418262	50.0	47.2	
52 2-Chloronaphthalene	162	5.198	5.198	0.000	96	321450	50.0	46.9	
53 Phenyl ether	170	5.275	5.275	0.000	88	223358	50.0	45.7	
54 2-Nitroaniline	65	5.284	5.284	0.000	95	139919	50.0	49.2	
55 1,3-Dimethylnaphthalene	156	5.370	5.370	0.000	91	263720	50.0	46.4	
56 Dimethyl phthalate	163	5.437	5.437	0.000	96	384147	50.0	48.6	
57 Coumarin	146	5.440	5.440	0.000	75	130707	50.0	47.1	
58 2,6-Dinitrotoluene	165	5.476	5.476	0.000	69	85338	50.0	50.8	
59 Acenaphthylene	152	5.511	5.511	0.000	97	494411	50.0	45.2	
60 3-Nitroaniline	138	5.597	5.597	0.000	91	98228	50.0	48.5	
* 61 Acenaphthene-d10	164	5.620	5.620	0.000	85	242914	40.0	40.0	
62 Acenaphthene	154	5.644	5.644	0.000	94	307649	50.0	48.7	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.656	5.656	0.000	93	280729	50.0	46.6	
64 2,4-Dinitrophenol	184	5.680	5.680	0.000	66	97452	100.0	93.1	
65 4-Nitrophenol	65	5.736	5.736	0.000	92	166896	100.0	101.3	
67 2,4-Dinitrotoluene	165	5.777	5.777	0.000	61	121504	50.0	53.8	
66 Dibenzofuran	168	5.777	5.777	0.000	90	464403	50.0	48.0	
68 2,3,4,6-Tetrachlorophenol	232	5.872	5.872	0.000	92	98709	50.0	50.2	
69 Diethyl phthalate	149	5.978	5.978	0.000	98	394228	50.0	49.3	
70 Fluorene	166	6.037	6.037	0.000	83	379768	50.0	48.9	
71 4-Chlorophenyl phenyl ether	204	6.046	6.046	0.000	86	180035	50.0	48.1	
72 4-Nitroaniline	138	6.067	6.067	0.000	42	96586	50.0	48.5	
73 4,6-Dinitro-2-methylphenol	198	6.084	6.084	0.000	74	124002	100.0	93.8	
74 N-Nitrosodiphenylamine	169	6.137	6.137	0.000	14	277885	50.0	47.4	
75 1,2-Diphenylhydrazine	77	6.164	6.164	0.000	25	414974	50.0	48.7	
$ 76 2,4,6-Tribromophenol	330	6.217	6.217	0.000	94	79124	50.0	49.1	
77 4-Bromophenyl phenyl ether	248	6.412	6.412	0.000	86	110586	50.0	47.0	
78 Hexachlorobenzene	284	6.445	6.445	0.000	91	139189	50.0	48.3	
79 Atrazine	200	6.548	6.548	0.000	89	42431	20.0	19.0	
80 Pentachlorophenol	266	6.598	6.598	0.000	88	171269	100.0	97.6	
81 Pentachloronitrobenzene	237	6.607	6.607	0.000	84	55052	50.0	48.6	
82 n-Octadecane	57	6.693	6.693	0.000	92	305192	50.0	45.9	
* 83 Phenanthrene-d10	188	6.740	6.740	0.000	99	446350	40.0	40.0	
84 Phenanthrene	178	6.758	6.758	0.000	98	546354	50.0	46.9	
85 Anthracene	178	6.796	6.796	0.000	98	564325	50.0	47.5	
87 Carbazole	167	6.921	6.921	0.000	83	523772	50.0	47.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Di-n-butyl phthalate	149	7.207	7.207	0.000	100	681174	50.0	48.6	
89 Fluoranthene	202	7.650	7.650	0.000	97	604068	50.0	48.2	
90 Benzidine	184	7.763	7.763	0.000	99	288616	50.0	43.0	
91 Pyrene	202	7.816	7.816	0.000	97	628465	50.0	47.3	
92 Bisphenol-A	213	7.875	7.875	0.000	98	133624	25.0	22.9	
$ 93 Terphenyl-d14	244	7.949	7.949	0.000	97	525933	50.0	46.7	
95 Butyl benzyl phthalate	149	8.342	8.342	0.000	98	299993	50.0	48.4	
97 Carbamazepine	193	8.413	8.413	0.000	90	275427	50.0	48.0	
99 3,3'-Dichlorobenzidine	252	8.768	8.768	0.000	96	238608	50.0	48.7	
100 Benzo[a]anthracene	228	8.777	8.777	0.000	99	610705	50.0	47.6	
* 98 Chrysene-d12	240	8.786	8.786	0.000	99	423201	40.0	40.0	
101 Chrysene	228	8.809	8.809	0.000	95	596894	50.0	46.7	
102 Bis(2-ethylhexyl) phthalate	149	8.845	8.845	0.000	86	442592	50.0	48.1	
103 Di-n-octyl phthalate	149	9.478	9.478	0.000	97	753403	50.0	48.4	
104 Benzo[b]fluoranthene	252	9.807	9.807	0.000	96	604904	50.0	54.1	
105 Benzo[k]fluoranthene	252	9.836	9.836	0.000	99	643952	50.0	48.5	
106 Benzo[a]pyrene	252	10.138	10.138	0.000	97	530563	50.0	46.9	
* 107 Perylene-d12	264	10.198	10.198	0.000	98	440750	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.321	11.321	0.000	98	525707	50.0	49.4	M
109 Dibenz(a,h)anthracene	278	11.353	11.353	0.000	96	595272	50.0	50.2	
110 Benzo[g,h,i]perylene	276	11.608	11.608	0.000	95	593771	50.0	48.4	
131 2,6-Dichlorophenol	162	4.345	4.345	0.000	0	143306	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Apr-2022 11:02:24 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460957.D

Injection Date: 07-Apr-2022 10:14:33 Instrument ID: CBNAMS15 Operator ID:

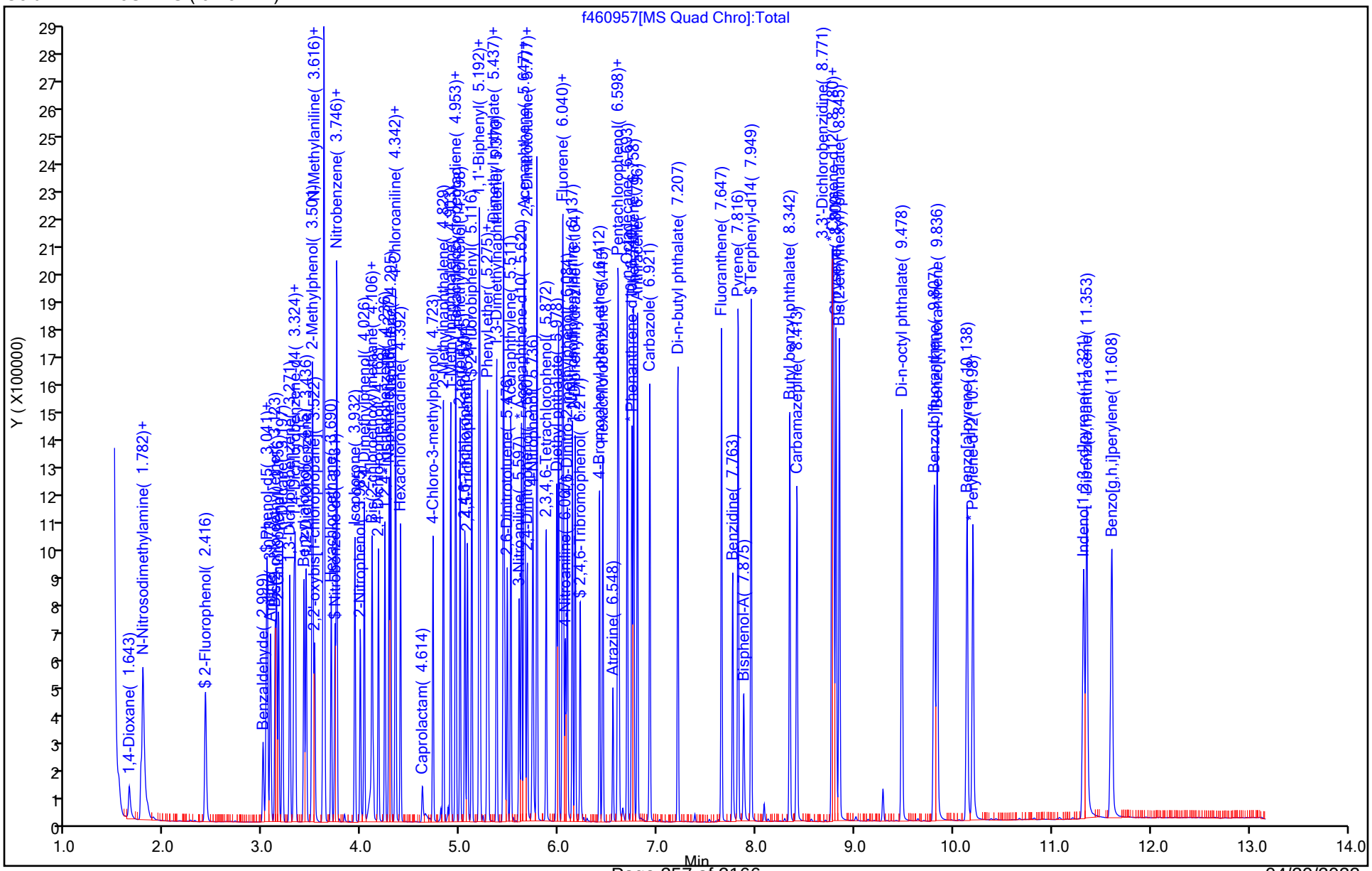
Lims ID: LCS 460-837727/2-A Worklist Smp#: 8

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460957.D
Lims ID: LCS 460-837727/2-A
Client ID:
Sample Type: LCS
Inject. Date: 07-Apr-2022 10:14:33 ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143724-008
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 07-Apr-2022 11:02:23 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1606

First Level Reviewer: johnstonm1 Date: 07-Apr-2022 11:02:23

Compound	Amount Added	Amount Recovered	% Rec.
$ 5 2-Fluorophenol	50.0	41.7	83.45
$ 8 Phenol-d5	50.0	42.7	85.43
$ 26 Nitrobenzene-d5	50.0	43.0	86.10
$ 50 2-Fluorobiphenyl	50.0	43.8	87.53
$ 76 2,4,6-Tribromophenol	50.0	49.1	98.17
$ 93 Terphenyl-d14	50.0	46.7	93.48

Manual Integration/User Assign Peak Report

Eurofins Edison

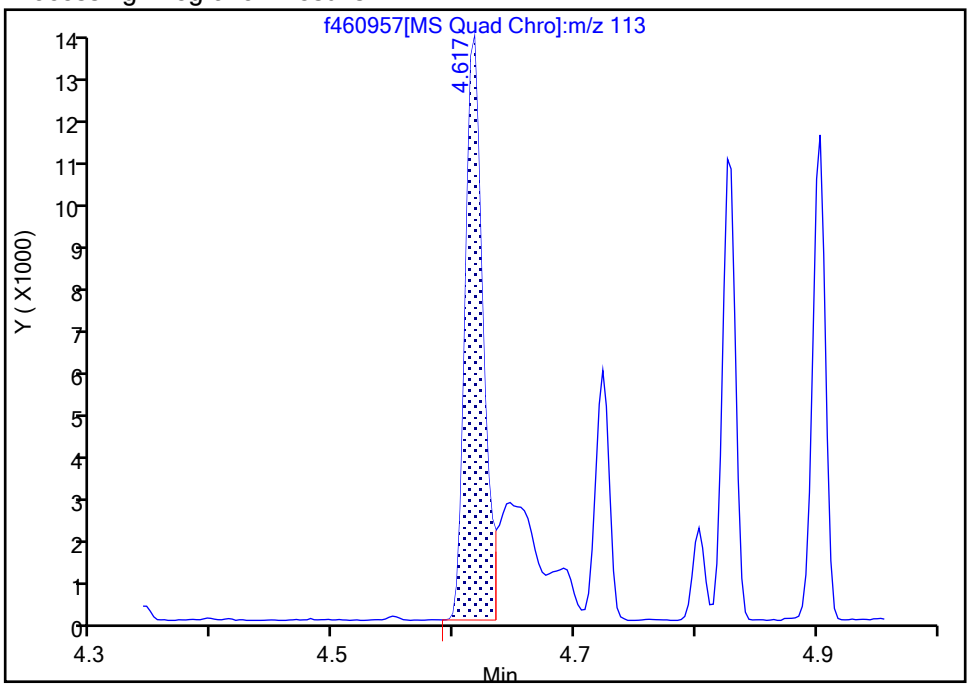
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460957.D
Injection Date: 07-Apr-2022 10:14:33 Instrument ID: CBNAMS15
Lims ID: LCS 460-837727/2-A
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

40 Caprolactam, CAS: 105-60-2

Signal: 1

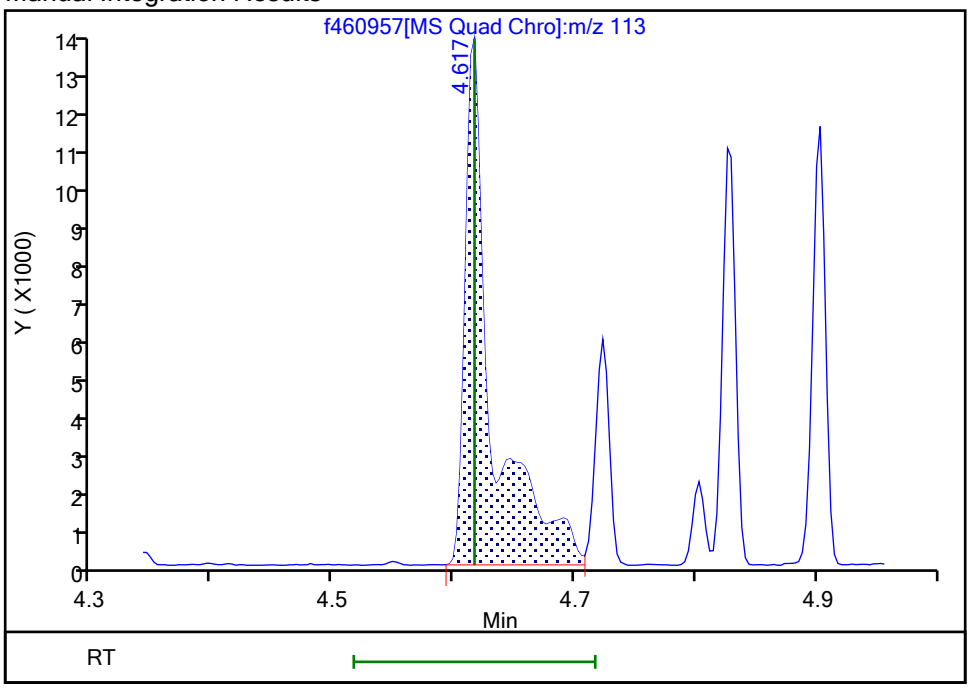
Processing Integration Results

RT: 4.62
Area: 13825
Amount: 11.488034
Amount Units: ug/ml



Manual Integration Results

RT: 4.62
Area: 20765
Amount: 17.254902
Amount Units: ug/ml



Reviewer: johnstonm1, 07-Apr-2022 11:01:26
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

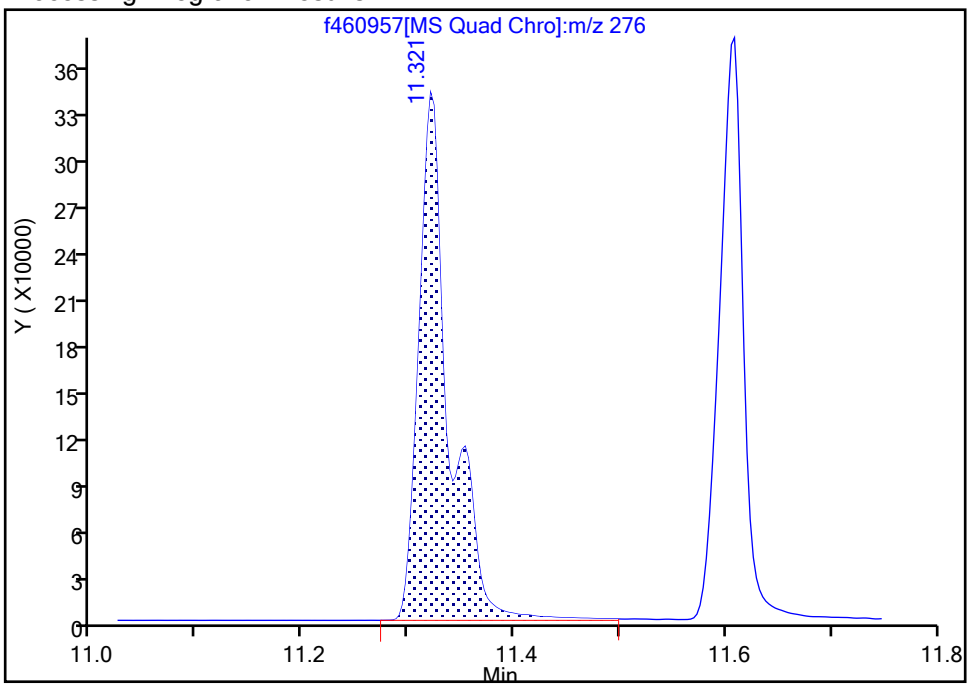
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460957.D				
Injection Date:	07-Apr-2022 10:14:33	Instrument ID:	CBNAMS15		
Lims ID:	LCS 460-837727/2-A				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

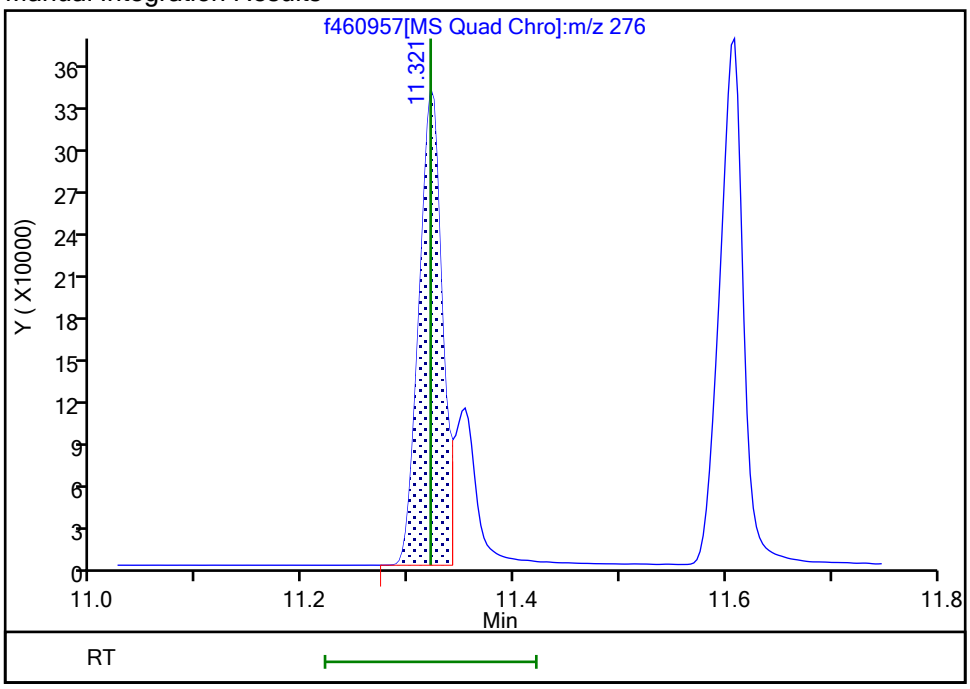
Processing Integration Results

RT: 11.32
Area: 687940
Amount: 62.105990
Amount Units: ug/ml



Manual Integration Results

RT: 11.32
Area: 525707
Amount: 49.385795
Amount Units: ug/ml



Reviewer: johnstonm1, 07-Apr-2022 11:01:40

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-837727/3-A

Matrix: Solid | Lab File ID: f460958.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/06/2022 19:30

Sample wt/vol: 15.00(g) | Date Analyzed: 04/07/2022 10:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837819 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	3050		330	4.4
95-94-3	1,2,4,5-Tetrachlorobenzene	3020		330	10
108-60-1	2,2'-oxybis[1-chloropropane]	2620		330	6.0
58-90-2	2,3,4,6-Tetrachlorophenol	3300		330	22
95-95-4	2,4,5-Trichlorophenol	3100		330	34
88-06-2	2,4,6-Trichlorophenol	3270		130	42
120-83-2	2,4-Dichlorophenol	3090		130	21
105-67-9	2,4-Dimethylphenol	3040		330	15
51-28-5	2,4-Dinitrophenol	6040		270	160
121-14-2	2,4-Dinitrotoluene	3520		67	36
606-20-2	2,6-Dinitrotoluene	3350		67	24
91-58-7	2-Chloronaphthalene	3090		330	15
95-57-8	2-Chlorophenol	2970		330	12
91-57-6	2-Methylnaphthalene	2880		330	9.3
95-48-7	2-Methylphenol	3080		330	12
88-74-4	2-Nitroaniline	3240		330	12
88-75-5	2-Nitrophenol	3110		330	33
91-94-1	3,3'-Dichlorobenzidine	3100		130	50
99-09-2	3-Nitroaniline	3220		330	37
534-52-1	4,6-Dinitro-2-methylphenol	6100		270	140
101-55-3	4-Bromophenyl phenyl ether	3070		330	13
59-50-7	4-Chloro-3-methylphenol	3130		330	19
106-47-8	4-Chloroaniline	2940		330	59
7005-72-3	4-Chlorophenyl phenyl ether	3150		330	12
106-44-5	4-Methylphenol	3120		330	21
100-01-6	4-Nitroaniline	3300		330	38
100-02-7	4-Nitrophenol	6660		670	54
83-32-9	Acenaphthene	3200		330	9.4
208-96-8	Acenaphthylene	2930		330	3.3
98-86-2	Acetophenone	3080		330	16
120-12-7	Anthracene	3080		330	10
1912-24-9	Atrazine	1250		130	19
100-52-7	Benzaldehyde	1200		330	55
56-55-3	Benzo[a]anthracene	3100		33	12
50-32-8	Benzo[a]pyrene	3030		33	8.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-837727/3-A

Matrix: Solid | Lab File ID: f460958.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/06/2022 19:30

Sample wt/vol: 15.00(g) | Date Analyzed: 04/07/2022 10:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837819 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
205-99-2	Benzo[b]fluoranthene	3360		33	8.6
191-24-2	Benzo[g,h,i]perylene	3090		330	9.8
207-08-9	Benzo[k]fluoranthene	3200		33	6.5
111-91-1	Bis(2-chloroethoxy)methane	3010		330	26
111-44-4	Bis(2-chloroethyl)ether	2950		33	12
117-81-7	Bis(2-ethylhexyl) phthalate	3110		330	17
85-68-7	Butyl benzyl phthalate	3120		330	16
105-60-2	Caprolactam	1130		330	51
86-74-8	Carbazole	3110		330	13
218-01-9	Chrysene	2970		330	5.6
53-70-3	Dibenz(a,h)anthracene	3250		33	14
132-64-9	Dibenzofuran	3160		330	4.6
84-66-2	Diethyl phthalate	3200		330	4.8
131-11-3	Dimethyl phthalate	3220		330	75
84-74-2	Di-n-butyl phthalate	3170		330	12
117-84-0	Di-n-octyl phthalate	3120		330	18
206-44-0	Fluoranthene	3110		330	12
86-73-7	Fluorene	3200		330	4.5
118-74-1	Hexachlorobenzene	3140		33	16
87-68-3	Hexachlorobutadiene	2910		67	7.0
77-47-4	Hexachlorocyclopentadiene	2770		330	29
67-72-1	Hexachloroethane	3010		33	11
193-39-5	Indeno[1,2,3-cd]pyrene	3360		33	13
78-59-1	Isophorone	3050		130	96
91-20-3	Naphthalene	2980		330	5.7
98-95-3	Nitrobenzene	3250		33	7.9
621-64-7	N-Nitrosodi-n-propylamine	3100		33	24
86-30-6	N-Nitrosodiphenylamine	3060		330	27
87-86-5	Pentachlorophenol	6370		270	68
85-01-8	Phenanthrene	3020		330	5.8
108-95-2	Phenol	2970		330	12
129-00-0	Pyrene	3010		330	8.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-837727/3-A

Matrix: Solid | Lab File ID: f460958.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/06/2022 19:30

Sample wt/vol: 15.00(g) | Date Analyzed: 04/07/2022 10:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837819 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	99		10-123
321-60-8	2-Fluorobiphenyl	86		14-103
367-12-4	2-Fluorophenol (Surr)	81		10-105
4165-60-0	Nitrobenzene-d5 (Surr)	84		11-104
4165-62-2	Phenol-d5 (Surr)	84		15-100
1718-51-0	Terphenyl-d14 (Surr)	90		12-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460958.D
Lims ID: LCSD 460-837727/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 07-Apr-2022 10:31:52 ALS Bottle#: 0 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143724-009
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 07-Apr-2022 11:03:24 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1606

First Level Reviewer: johnstonm1 Date: 07-Apr-2022 11:03:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.643	1.643	0.000	97	63018	50.0	41.9	
2 N-Nitrosodimethylamine	74	1.761	1.761	0.000	79	97692	50.0	43.6	
3 Pyridine	79	1.781	1.782	-0.001	86	308350	100.0	80.6	
$ 5 2-Fluorophenol	112	2.416	2.416	0.000	92	164934	50.0	40.5	
7 Benzaldehyde	77	2.999	2.999	0.000	90	58624	20.0	17.9	E
$ 8 Phenol-d5	99	3.035	3.035	0.000	92	210468	50.0	42.1	
9 Phenol	94	3.044	3.044	0.000	97	216110	50.0	44.6	
10 Aniline	93	3.073	3.073	0.000	19	252939	50.0	43.7	
11 Bis(2-chloroethyl)ether	93	3.120	3.120	0.000	92	172192	50.0	44.3	
12 2-Chlorophenol	128	3.156	3.156	0.000	66	178533	50.0	44.6	
13 n-Decane	43	3.194	3.197	-0.003	90	184526	50.0	39.2	
14 1,3-Dichlorobenzene	146	3.271	3.271	0.000	94	193000	50.0	44.5	
* 15 1,4-Dichlorobenzene-d4	152	3.312	3.312	0.000	97	114573	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.324	3.327	-0.003	91	195159	50.0	44.1	
17 Benzyl alcohol	108	3.412	3.415	-0.003	91	120647	50.0	45.6	
18 1,2-Dichlorobenzene	146	3.436	3.436	0.000	90	187770	50.0	45.1	
19 2-Methylphenol	108	3.495	3.495	0.000	84	164028	50.0	46.2	
20 2,2'-oxybis[1-chloropropane]	45	3.521	3.522	-0.001	61	227084	50.0	39.3	
130 N-Methylaniline	106	3.610	3.610	0.000	74	271126	50.0	43.6	
21 Acetophenone	105	3.616	3.619	-0.003	85	266324	50.0	46.1	
22 4-Methylphenol	108	3.616	3.619	-0.003	69	191755	50.0	46.8	
23 3 & 4 Methylphenol	108	3.616	3.619	-0.003	84	191755	50.0	46.8	
24 N-Nitrosodi-n-propylamine	70	3.622	3.622	0.000	84	118555	50.0	46.5	
25 Hexachloroethane	117	3.689	3.690	-0.001	93	78217	50.0	45.1	
$ 26 Nitrobenzene-d5	82	3.728	3.728	0.000	91	195393	50.0	42.0	
27 Nitrobenzene	123	3.746	3.746	0.000	85	93021	50.0	48.7	
28 n,n'-Dimethylaniline	120	3.746	3.749	-0.003	78	275977	50.0	44.5	
29 Isophorone	82	3.929	3.932	-0.003	99	358919	50.0	45.7	
30 2-Nitrophenol	139	3.985	3.985	0.000	85	98726	50.0	46.6	
31 2,4-Dimethylphenol	122	4.026	4.026	0.000	90	160909	50.0	45.6	
32 Bis(2-chloroethoxy)methane	93	4.103	4.106	-0.003	96	219700	50.0	45.2	
33 Benzoic acid	122	4.117	4.118	-0.001	88	97682	50.0	41.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	4.168	4.168	0.000	93	152856	50.0	46.4	
35 1,2,4-Trichlorobenzene	180	4.235	4.236	-0.001	94	160634	50.0	46.2	
* 36 Naphthalene-d8	136	4.277	4.277	0.000	100	455872	40.0	40.0	
37 Naphthalene	128	4.292	4.295	-0.003	98	526269	50.0	44.8	
38 4-Chloroaniline	127	4.342	4.342	0.000	89	223401	50.0	44.1	
39 Hexachlorobutadiene	225	4.392	4.392	0.000	93	93544	50.0	43.7	
40 Caprolactam	113	4.616	4.616	-0.001	89	22162	20.0	17.0	M
41 4-Chloro-3-methylphenol	107	4.722	4.723	-0.001	93	160128	50.0	47.0	
42 2-Methylnaphthalene	142	4.825	4.829	-0.004	81	348611	50.0	43.2	
43 1-Methylnaphthalene	142	4.902	4.903	-0.001	90	332465	50.0	44.6	
44 Hexachlorocyclopentadiene	237	4.949	4.950	-0.001	82	94816	50.0	41.5	
45 1,2,4,5-Tetrachlorobenzene	216	4.955	4.956	-0.001	96	164189	50.0	45.3	
46 2-tertbutyl-4-methylphenol	149	4.997	4.998	-0.001	89	227072	50.0	45.0	
47 2,4,6-Trichlorophenol	196	5.044	5.045	-0.001	88	118175	50.0	49.0	
48 2,4,5-Trichlorophenol	196	5.070	5.071	-0.001	93	124246	50.0	46.4	
$ 50 2-Fluorobiphenyl	172	5.115	5.116	-0.001	97	400555	50.0	43.2	
51 1,1'-Biphenyl	154	5.188	5.189	-0.001	97	435932	50.0	45.8	
52 2-Chloronaphthalene	162	5.197	5.198	-0.001	96	340570	50.0	46.3	
53 Phenyl ether	170	5.271	5.275	-0.004	89	234048	50.0	44.6	
54 2-Nitroaniline	65	5.283	5.284	-0.001	96	148702	50.0	48.6	
55 1,3-Dimethylnaphthalene	156	5.368	5.370	-0.002	91	278422	50.0	45.6	
56 Dimethyl phthalate	163	5.436	5.437	-0.001	96	409762	50.0	48.3	
57 Coumarin	146	5.436	5.440	-0.004	70	142028	50.0	47.2	
58 2,6-Dinitrotoluene	165	5.475	5.476	-0.001	69	90696	50.0	50.3	
59 Acenaphthylene	152	5.510	5.511	-0.001	97	517758	50.0	44.0	
60 3-Nitroaniline	138	5.596	5.597	-0.001	92	104976	50.0	48.2	
* 61 Acenaphthene-d10	164	5.619	5.620	-0.001	85	260941	40.0	40.0	
62 Acenaphthene	154	5.643	5.644	-0.001	94	326058	50.0	48.0	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.655	5.656	-0.001	84	295850	50.0	45.7	
64 2,4-Dinitrophenol	184	5.678	5.680	-0.002	65	101609	100.0	90.5	
65 4-Nitrophenol	65	5.734	5.736	-0.002	92	176796	100.0	99.9	
67 2,4-Dinitrotoluene	165	5.776	5.777	-0.001	64	128118	50.0	52.8	
66 Dibenzofuran	168	5.776	5.777	-0.001	91	491998	50.0	47.4	
68 2,3,4,6-Tetrachlorophenol	232	5.870	5.872	-0.002	92	104442	50.0	49.5	
69 Diethyl phthalate	149	5.977	5.978	-0.001	98	412343	50.0	48.0	
70 Fluorene	166	6.036	6.037	-0.001	82	399720	50.0	47.9	
71 4-Chlorophenyl phenyl ether	204	6.042	6.046	-0.004	84	190223	50.0	47.3	
72 4-Nitroaniline	138	6.065	6.067	-0.001	59	105934	50.0	49.5	
73 4,6-Dinitro-2-methylphenol	198	6.083	6.084	-0.001	82	131710	100.0	91.5	
74 N-Nitrosodiphenylamine	169	6.136	6.137	-0.001	23	292862	50.0	45.9	
75 1,2-Diphenylhydrazine	77	6.163	6.164	-0.001	28	437787	50.0	47.1	
$ 76 2,4,6-Tribromophenol	330	6.216	6.217	-0.001	94	85700	50.0	49.5	
77 4-Bromophenyl phenyl ether	248	6.411	6.412	-0.001	87	118233	50.0	46.1	
78 Hexachlorobenzene	284	6.443	6.445	-0.002	89	147967	50.0	47.1	
79 Atrazine	200	6.547	6.548	-0.001	89	45537	20.0	18.7	
80 Pentachlorophenol	266	6.597	6.598	-0.001	88	182613	100.0	95.5	
81 Pentachloronitrobenzene	237	6.606	6.607	-0.001	85	59290	50.0	48.0	
82 n-Octadecane	57	6.691	6.693	-0.002	93	316266	50.0	43.6	
* 83 Phenanthrene-d10	188	6.739	6.740	-0.001	99	486414	40.0	40.0	
84 Phenanthrene	178	6.756	6.758	-0.002	98	573893	50.0	45.2	
85 Anthracene	178	6.795	6.796	-0.001	98	597663	50.0	46.2	
87 Carbazole	167	6.919	6.921	-0.002	83	557208	50.0	46.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Di-n-butyl phthalate	149	7.205	7.207	-0.002	100	725815	50.0	47.5	
89 Fluoranthene	202	7.648	7.650	-0.002	97	637724	50.0	46.7	
90 Benzidine	184	7.760	7.763	-0.003	99	302645	50.0	41.4	
91 Pyrene	202	7.814	7.816	-0.002	97	656890	50.0	45.1	
92 Bisphenol-A	213	7.873	7.875	-0.002	98	143731	25.0	22.6	
$ 93 Terphenyl-d14	244	7.946	7.949	-0.003	97	556520	50.0	45.2	
95 Butyl benzyl phthalate	149	8.339	8.342	-0.003	98	317277	50.0	46.8	
97 Carbamazepine	193	8.413	8.413	0.000	91	286591	50.0	45.6	
99 3,3'-Dichlorobenzidine	252	8.765	8.768	-0.003	94	249194	50.0	46.5	
100 Benzo[a]anthracene	228	8.774	8.777	-0.003	99	651899	50.0	46.5	
* 98 Chrysene-d12	240	8.783	8.786	-0.003	99	463093	40.0	40.0	
101 Chrysene	228	8.807	8.809	-0.002	95	624215	50.0	44.6	
102 Bis(2-ethylhexyl) phthalate	149	8.842	8.845	-0.003	87	469263	50.0	46.6	
103 Di-n-octyl phthalate	149	9.475	9.478	-0.003	97	794853	50.0	46.9	
104 Benzo[b]fluoranthene	252	9.803	9.807	-0.004	95	613658	50.0	50.3	
105 Benzo[k]fluoranthene	252	9.833	9.836	-0.003	99	695056	50.0	48.0	
106 Benzo[a]pyrene	252	10.135	10.138	-0.003	97	559919	50.0	45.4	
* 107 Perylene-d12	264	10.194	10.198	-0.004	98	480541	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.314	11.321	-0.007	95	586021	50.0	50.3	
109 Dibenz(a,h)anthracene	278	11.346	11.353	-0.007	96	630703	50.0	48.7	
110 Benzo[g,h,i]perylene	276	11.601	11.608	-0.007	92	620628	50.0	46.4	
131 2,6-Dichlorophenol	162	4.345	4.345	0.000	0	152060	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Apr-2022 11:03:24 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460958.D

Injection Date: 07-Apr-2022 10:31:52 Instrument ID: CBNAMS15 Operator ID:

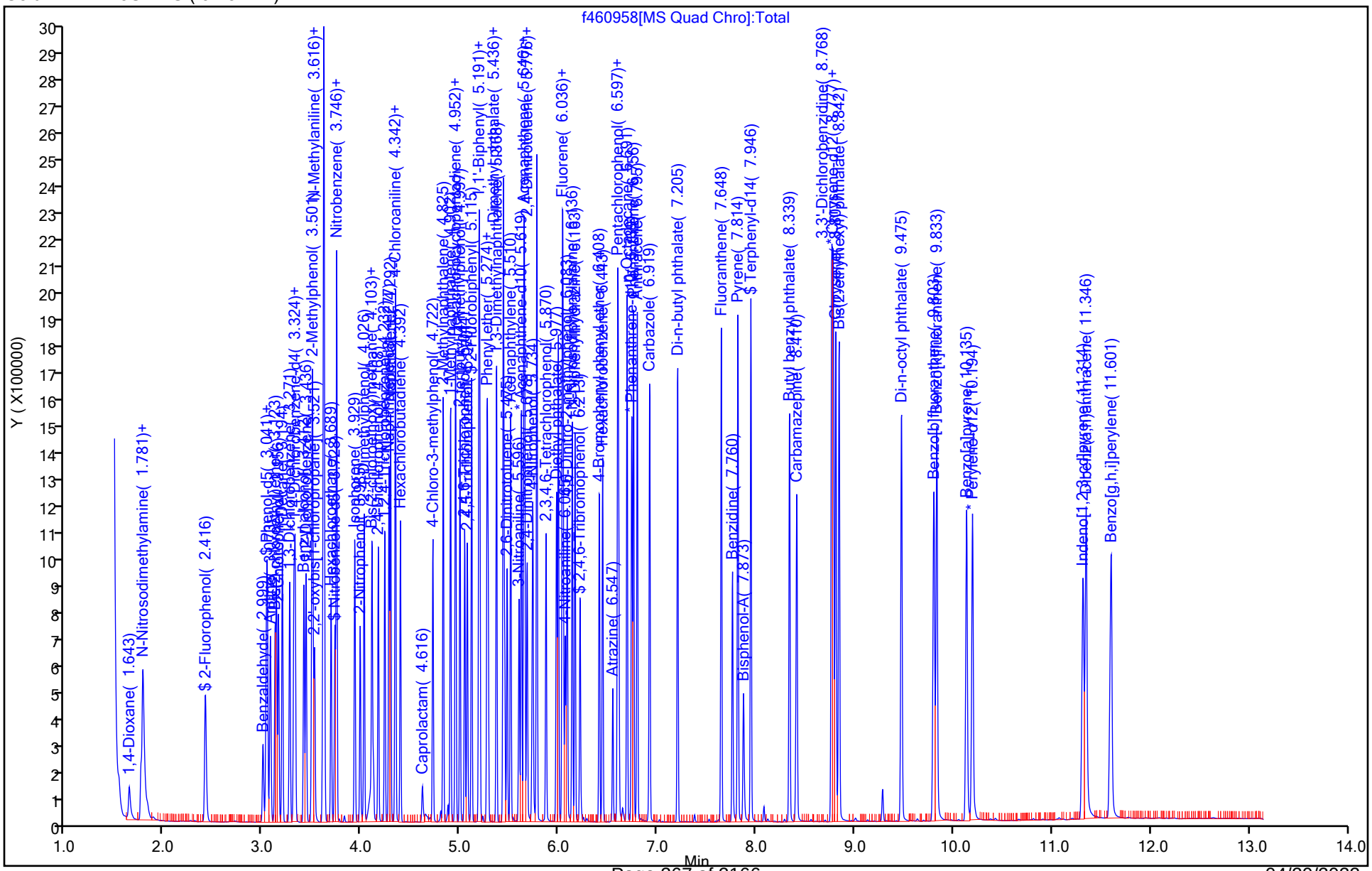
Lims ID: LCSD 460-837727/3-A Worklist Smp#: 9

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460958.D
Lims ID: LCSD 460-837727/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 07-Apr-2022 10:31:52 ALS Bottle#: 0 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143724-009
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 07-Apr-2022 11:03:24 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1606

First Level Reviewer: johnstonm1 Date: 07-Apr-2022 11:03:24

Compound	Amount Added	Amount Recovered	% Rec.
$ 5 2-Fluorophenol	50.0	40.5	80.98
$ 8 Phenol-d5	50.0	42.1	84.28
$ 26 Nitrobenzene-d5	50.0	42.0	84.06
$ 50 2-Fluorobiphenyl	50.0	43.2	86.31
$ 76 2,4,6-Tribromophenol	50.0	49.5	98.98
$ 93 Terphenyl-d14	50.0	45.2	90.39

Manual Integration/User Assign Peak Report

Eurofins Edison

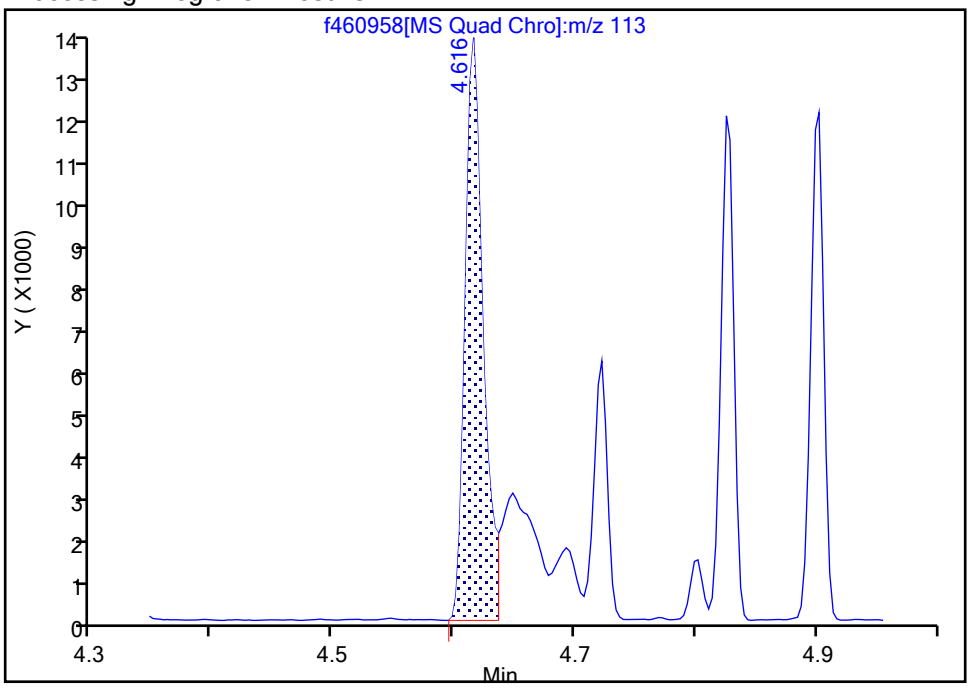
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460958.D
Injection Date: 07-Apr-2022 10:31:52 Instrument ID: CBNAMS15
Lims ID: LCSD 460-837727/3-A
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

40 Caprolactam, CAS: 105-60-2

Signal: 1

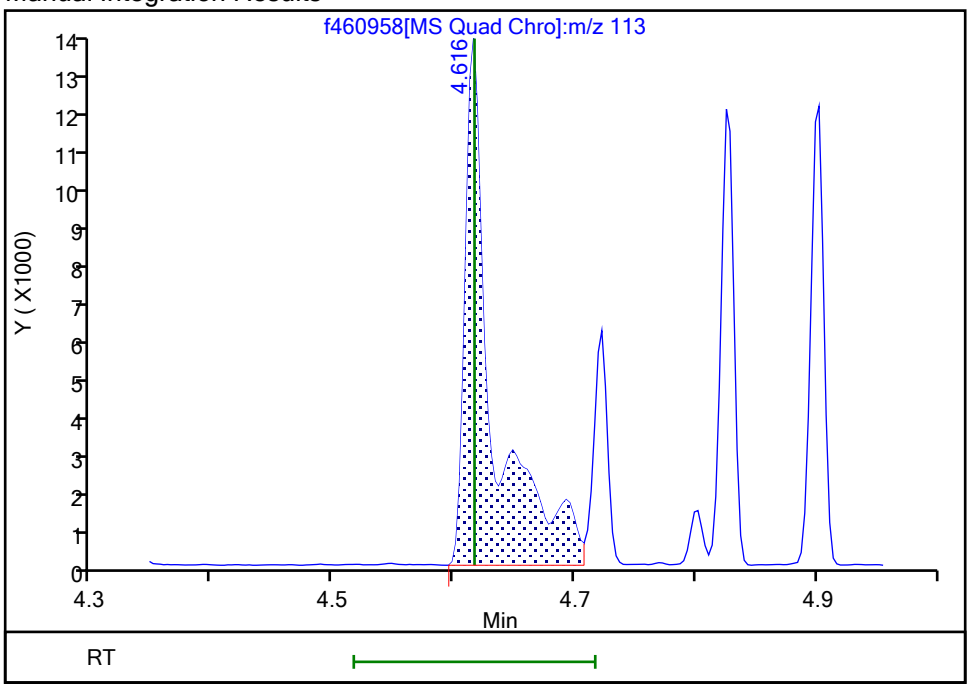
Processing Integration Results

RT: 4.62
Area: 14383
Amount: 11.005477
Amount Units: ug/ml



Manual Integration Results

RT: 4.62
Area: 22162
Amount: 16.957754
Amount Units: ug/ml



Reviewer: johnstonm1, 07-Apr-2022 11:02:41
Audit Action: Manually Integrated Audit Reason: Poor chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-255680-E-1-A MS

Matrix: Solid | Lab File ID: f460973.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/06/2022 19:30

Sample wt/vol: 15.04(g) | Date Analyzed: 04/07/2022 14:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837819 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	3470		380	5.0
95-94-3	1,2,4,5-Tetrachlorobenzene	3430		380	12
108-60-1	2,2'-oxybis[1-chloropropane]	3020		380	6.9
58-90-2	2,3,4,6-Tetrachlorophenol	3700		380	26
95-95-4	2,4,5-Trichlorophenol	3460		380	39
88-06-2	2,4,6-Trichlorophenol	3610		150	49
120-83-2	2,4-Dichlorophenol	3450		150	24
105-67-9	2,4-Dimethylphenol	3460		380	17
51-28-5	2,4-Dinitrophenol	5770		310	190
121-14-2	2,4-Dinitrotoluene	3960		77	41
606-20-2	2,6-Dinitrotoluene	3770		77	27
91-58-7	2-Chloronaphthalene	3440		380	18
95-57-8	2-Chlorophenol	3380		380	14
91-57-6	2-Methylnaphthalene	3250		380	11
95-48-7	2-Methylphenol	3470		380	14
88-74-4	2-Nitroaniline	3640		380	14
88-75-5	2-Nitrophenol	3400		380	38
91-94-1	3,3'-Dichlorobenzidine	3290		150	57
99-09-2	3-Nitroaniline	3000		380	43
534-52-1	4,6-Dinitro-2-methylphenol	5960		310	150
101-55-3	4-Bromophenyl phenyl ether	3460		380	15
59-50-7	4-Chloro-3-methylphenol	3510		380	21
106-47-8	4-Chloroaniline	2610		380	67
7005-72-3	4-Chlorophenyl phenyl ether	3570		380	13
106-44-5	4-Methylphenol	3560		380	24
100-01-6	4-Nitroaniline	3400		380	44
100-02-7	4-Nitrophenol	7760		770	62
83-32-9	Acenaphthene	3610		380	11
208-96-8	Acenaphthylene	3310		380	3.8
98-86-2	Acetophenone	3420		380	19
120-12-7	Anthracene	3480		380	12
1912-24-9	Atrazine	1440		150	22
100-52-7	Benzaldehyde	1410		380	63
56-55-3	Benzo[a]anthracene	3520		38	13
50-32-8	Benzo[a]pyrene	3420		38	10

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-255680-E-1-A MS

Matrix: Solid | Lab File ID: f460973.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/06/2022 19:30

Sample wt/vol: 15.04(g) | Date Analyzed: 04/07/2022 14:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837819 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
205-99-2	Benzo[b]fluoranthene	3800		38	9.8
191-24-2	Benzo[g,h,i]perylene	3580		380	11
207-08-9	Benzo[k]fluoranthene	3550		38	7.4
111-91-1	Bis(2-chloroethoxy)methane	3370		380	30
111-44-4	Bis(2-chloroethyl)ether	3280		38	13
117-81-7	Bis(2-ethylhexyl) phthalate	3590		380	20
85-68-7	Butyl benzyl phthalate	3590		380	18
105-60-2	Caprolactam	883		380	59
86-74-8	Carbazole	3490		380	14
218-01-9	Chrysene	3300		380	6.4
53-70-3	Dibenz(a,h)anthracene	3740		38	16
132-64-9	Dibenzofuran	3560		380	5.3
84-66-2	Diethyl phthalate	3630		380	5.5
131-11-3	Dimethyl phthalate	3560		380	86
84-74-2	Di-n-butyl phthalate	3580		380	14
117-84-0	Di-n-octyl phthalate	3500		380	20
206-44-0	Fluoranthene	3490		380	13
86-73-7	Fluorene	3630		380	5.2
118-74-1	Hexachlorobenzene	3530		38	18
87-68-3	Hexachlorobutadiene	3290		77	8.1
77-47-4	Hexachlorocyclopentadiene	2550		380	33
67-72-1	Hexachloroethane	3360		38	13
193-39-5	Indeno[1,2,3-cd]pyrene	3650		38	15
78-59-1	Isophorone	3430		150	110
91-20-3	Naphthalene	3340		380	6.6
98-95-3	Nitrobenzene	3650		38	9.1
621-64-7	N-Nitrosodi-n-propylamine	3520		38	28
86-30-6	N-Nitrosodiphenylamine	3450		380	31
87-86-5	Pentachlorophenol	7250		310	78
85-01-8	Phenanthrene	3420		380	6.7
108-95-2	Phenol	3420		380	14
129-00-0	Pyrene	3440		380	9.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-255680-E-1-A MS

Matrix: Solid | Lab File ID: f460973.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/06/2022 19:30

Sample wt/vol: 15.04(g) | Date Analyzed: 04/07/2022 14:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837819 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	94		10-123
321-60-8	2-Fluorobiphenyl	84		14-103
367-12-4	2-Fluorophenol (Surr)	82		10-105
4165-60-0	Nitrobenzene-d5 (Surr)	81		11-104
4165-62-2	Phenol-d5 (Surr)	83		15-100
1718-51-0	Terphenyl-d14 (Surr)	90		12-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460973.D
Lims ID: 460-255680-E-1-A MS
Client ID:
Sample Type: MS
Inject. Date: 07-Apr-2022 14:51:33 ALS Bottle#: 0 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143724-024
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 08-Apr-2022 16:16:58 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: eisam Date: 07-Apr-2022 15:35:35

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.643	1.642	0.000	96	49686	50.0	35.0	
	2 N-Nitrosodimethylamine	74	1.764	1.760	0.003	78	88075	50.0	41.7	
	3 Pyridine	79	1.781	1.781	-0.001	86	245881	100.0	68.1	
$	5 2-Fluorophenol	112	2.424	2.415	0.008	93	156721	50.0	40.8	
	7 Benzaldehyde	77	2.999	2.999	0.000	91	56687	20.0	18.4	E
$	8 Phenol-d5	99	3.038	3.034	0.003	99	195634	50.0	41.5	
	9 Phenol	94	3.047	3.043	0.003	98	204845	50.0	44.7	
	10 Aniline	93	3.073	3.072	0.000	1	191399	50.0	35.0	
	11 Bis(2-chloroethyl)ether	93	3.123	3.120	0.003	91	157148	50.0	42.8	
	12 2-Chlorophenol	128	3.159	3.155	0.003	88	166870	50.0	44.1	
	13 n-Decane	43	3.197	3.196	0.000	90	168197	50.0	37.9	
	14 1,3-Dichlorobenzene	146	3.271	3.270	0.000	93	173667	50.0	42.4	
*	15 1,4-Dichlorobenzene-d4	152	3.315	3.312	0.003	97	108157	40.0	40.0	
	16 1,4-Dichlorobenzene	146	3.327	3.326	0.000	92	177917	50.0	42.6	
	17 Benzyl alcohol	108	3.415	3.415	0.000	90	113916	50.0	45.6	
	18 1,2-Dichlorobenzene	146	3.436	3.435	0.000	93	171466	50.0	43.6	
	19 2-Methylphenol	108	3.498	3.494	0.003	84	151831	50.0	45.3	
	20 2,2'-oxybis[1-chloropropane]	45	3.522	3.521	0.000	92	214863	50.0	39.4	
	130 N-Methylaniline	106	3.610	3.609	0.000	78	251133	50.0	42.8	
	21 Acetophenone	105	3.616	3.618	-0.003	83	243400	50.0	44.7	
	22 4-Methylphenol	108	3.619	3.618	0.000	69	179764	50.0	46.5	
	23 3 & 4 Methylphenol	108	3.619	3.618	0.000	78	179764	50.0	46.5	
	24 N-Nitrosodi-n-propylamine	70	3.619	3.621	-0.003	67	110917	50.0	46.1	
	25 Hexachloroethane	117	3.690	3.689	0.000	93	71841	50.0	43.9	
$	26 Nitrobenzene-d5	82	3.728	3.725	0.000	91	177889	50.0	40.5	
	27 Nitrobenzene	123	3.746	3.743	0.000	87	85962	50.0	47.7	
	28 n,n'-Dimethylaniline	120	3.749	3.748	0.000	87	249480	50.0	42.7	
	29 Isophorone	82	3.929	3.929	-0.003	99	332056	50.0	44.8	
	30 2-Nitrophenol	139	3.985	3.983	0.000	85	88972	50.0	44.5	
	31 2,4-Dimethylphenol	122	4.027	4.023	0.001	90	150438	50.0	45.2	
	32 Bis(2-chloroethoxy)methane	93	4.103	4.103	-0.003	96	202275	50.0	44.0	
	33 Benzoic acid	122	4.115	4.115	-0.003	88	101312	50.0	45.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	4.168	4.165	0.000	93	140304	50.0	45.0	
35 1,2,4-Trichlorobenzene	180	4.236	4.233	0.000	94	147135	50.0	44.8	
* 36 Naphthalene-d8	136	4.278	4.277	0.001	100	430769	40.0	40.0	
37 Naphthalene	128	4.292	4.292	-0.003	99	484645	50.0	43.6	
38 4-Chloroaniline	127	4.340	4.339	-0.002	89	163080	50.0	34.0	
39 Hexachlorobutadiene	225	4.393	4.390	0.001	94	86891	50.0	43.0	
40 Caprolactam	113	4.614	4.613	-0.003	88	14246	20.0	11.5	
41 4-Chloro-3-methylphenol	107	4.724	4.719	0.001	96	147429	50.0	45.8	
42 2-Methylnaphthalene	142	4.827	4.826	-0.002	79	324090	50.0	42.5	
43 1-Methylnaphthalene	142	4.901	4.899	-0.002	89	306641	50.0	43.5	
44 Hexachlorocyclopentadiene	237	4.949	4.947	-0.001	81	71083	50.0	33.3	
45 1,2,4,5-Tetrachlorobenzene	216	4.955	4.953	-0.001	96	151680	50.0	44.8	
46 2-tertbutyl-4-methylphenol	149	4.996	4.994	-0.002	89	212244	50.0	44.6	
47 2,4,6-Trichlorophenol	196	5.046	5.042	0.001	88	106406	50.0	47.2	
48 2,4,5-Trichlorophenol	196	5.073	5.068	0.002	87	113148	50.0	45.3	
49 2-Toluidine	107	5.114	5.097	0.015	0	5350		NC	
$ 50 2-Fluorobiphenyl	172	5.114	5.112	-0.002	97	362107	50.0	41.8	
51 1,1'-Biphenyl	154	5.188	5.186	-0.001	96	403913	50.0	45.4	
52 2-Chloronaphthalene	162	5.197	5.195	-0.001	95	308614	50.0	44.9	
53 Phenyl ether	170	5.274	5.272	-0.001	88	217515	50.0	44.3	
54 2-Nitroaniline	65	5.283	5.281	-0.001	96	135960	50.0	47.6	
55 1,3-Dimethylnaphthalene	156	5.369	5.366	-0.001	90	250340	50.0	43.9	
56 Dimethyl phthalate	163	5.437	5.434	0.000	96	369423	50.0	46.6	
57 Coumarin	146	5.437	5.436	-0.003	71	129173	50.0	45.4	
58 2,6-Dinitrotoluene	165	5.475	5.472	-0.001	61	83000	50.0	49.3	
59 Acenaphthylene	152	5.511	5.508	0.000	97	475407	50.0	43.3	
60 3-Nitroaniline	138	5.597	5.593	0.000	92	79847	50.0	39.3	
* 61 Acenaphthene-d10	164	5.620	5.620	0.000	91	243795	40.0	40.0	
62 Acenaphthene	154	5.644	5.641	0.000	94	299184	50.0	47.2	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.653	5.652	-0.003	93	280455	50.0	46.3	
64 2,4-Dinitrophenol	184	5.676	5.676	-0.004	65	78352	100.0	75.4	
65 4-Nitrophenol	65	5.735	5.732	-0.001	93	167647	100.0	101.4	
67 2,4-Dinitrotoluene	165	5.777	5.773	0.000	64	117116	50.0	51.7	
66 Dibenzofuran	168	5.777	5.773	0.000	90	451037	50.0	46.5	
68 2,3,4,6-Tetrachlorophenol	232	5.872	5.868	0.000	92	95407	50.0	48.4	
69 Diethyl phthalate	149	5.975	5.974	-0.003	97	380296	50.0	47.4	
70 Fluorene	166	6.034	6.033	-0.003	83	369002	50.0	47.4	
71 4-Chlorophenyl phenyl ether	204	6.043	6.042	-0.003	84	175458	50.0	46.7	
72 4-Nitroaniline	138	6.064	6.063	-0.002	38	88865	50.0	44.5	
73 4,6-Dinitro-2-methylphenol	198	6.085	6.080	0.001	77	103903	100.0	77.9	
74 N-Nitrosodiphenylamine	169	6.135	6.133	-0.002	27	267613	50.0	45.0	
75 1,2-Diphenylhydrazine	77	6.165	6.160	0.001	39	402214	50.0	46.5	
$ 76 2,4,6-Tribromophenol	330	6.215	6.213	-0.002	95	76172	50.0	47.1	
77 4-Bromophenyl phenyl ether	248	6.410	6.408	-0.002	86	107869	50.0	45.2	
78 Hexachlorobenzene	284	6.443	6.440	-0.002	92	134556	50.0	46.1	
79 Atrazine	200	6.546	6.544	-0.002	87	42657	20.0	18.8	
80 Pentachlorophenol	266	6.599	6.594	0.001	89	168473	100.0	94.7	
81 Pentachloronitrobenzene	237	6.608	6.603	0.001	87	52184	50.0	45.5	
82 n-Octadecane	57	6.691	6.688	-0.002	92	298007	50.0	44.2	
* 83 Phenanthrene-d10	188	6.738	6.740	-0.002	99	452520	40.0	40.0	
84 Phenanthrene	178	6.756	6.753	-0.002	98	527978	50.0	44.7	
86 1-Naphthylamine	143	6.738	6.768	-0.034	0	287		NC	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
85 Anthracene	178	6.794	6.792	-0.002	98	547124	50.0	45.4	
87 Carbazole	167	6.921	6.916	0.000	83	507019	50.0	45.6	
88 Di-n-butyl phthalate	149	7.205	7.202	-0.002	100	664514	50.0	46.7	
89 Fluoranthene	202	7.648	7.645	-0.002	97	579645	50.0	45.6	
90 Benzidine	184	7.760	7.757	-0.003	99	204592	50.0	30.1	
91 Pyrene	202	7.816	7.810	0.000	97	601515	50.0	44.9	
92 Bisphenol-A	213	7.873	7.869	-0.002	98	138983	25.0	23.7	
$ 93 Terphenyl-d14	244	7.950	7.943	0.001	97	509581	50.0	45.0	
94 2-Naphthylamine	143	7.950	7.984	-0.039	0	186		NC	
95 Butyl benzyl phthalate	149	8.340	8.336	-0.002	98	292849	50.0	47.0	
97 Carbamazepine	193	8.414	8.407	0.001	90	262270	50.0	45.4	
99 3,3'-Dichlorobenzidine	252	8.767	8.762	-0.002	94	212236	50.0	43.0	
100 Benzo[a]anthracene	228	8.775	8.771	-0.002	99	594277	50.0	46.0	
* 98 Chrysene-d12	240	8.784	8.786	-0.002	99	426119	40.0	40.0	
101 Chrysene	228	8.808	8.803	-0.001	95	555174	50.0	43.1	
102 Bis(2-ethylhexyl) phthalate	149	8.844	8.839	-0.001	79	434665	50.0	46.9	
103 Di-n-octyl phthalate	149	9.478	9.480	0.000	97	733049	50.0	45.8	
104 Benzo[b]fluoranthene	252	9.803	9.829	-0.004	98	571231	50.0	49.7	
105 Benzo[k]fluoranthene	252	9.833	9.843	-0.003	99	634026	50.0	46.4	
106 Benzo[a]pyrene	252	10.138	10.140	0.000	96	520279	50.0	44.7	
* 107 Perylene-d12	264	10.198	10.198	0.000	98	453533	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.318	11.318	-0.003	98	519083	50.0	47.7	M
109 Dibenz(a,h)anthracene	278	11.351	11.355	-0.002	95	596043	50.0	48.8	
110 Benzo[g,h,i]perylene	276	11.606	11.610	-0.002	95	590251	50.0	46.7	
S 117 Total Cresols	1				0			91.9	
131 2,6-Dichlorophenol	162	4.343	4.345	-0.002	85	141045	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 08-Apr-2022 16:16:59 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460973.D

Injection Date: 07-Apr-2022 14:51:33 Instrument ID: CBNAMS15 Operator ID:

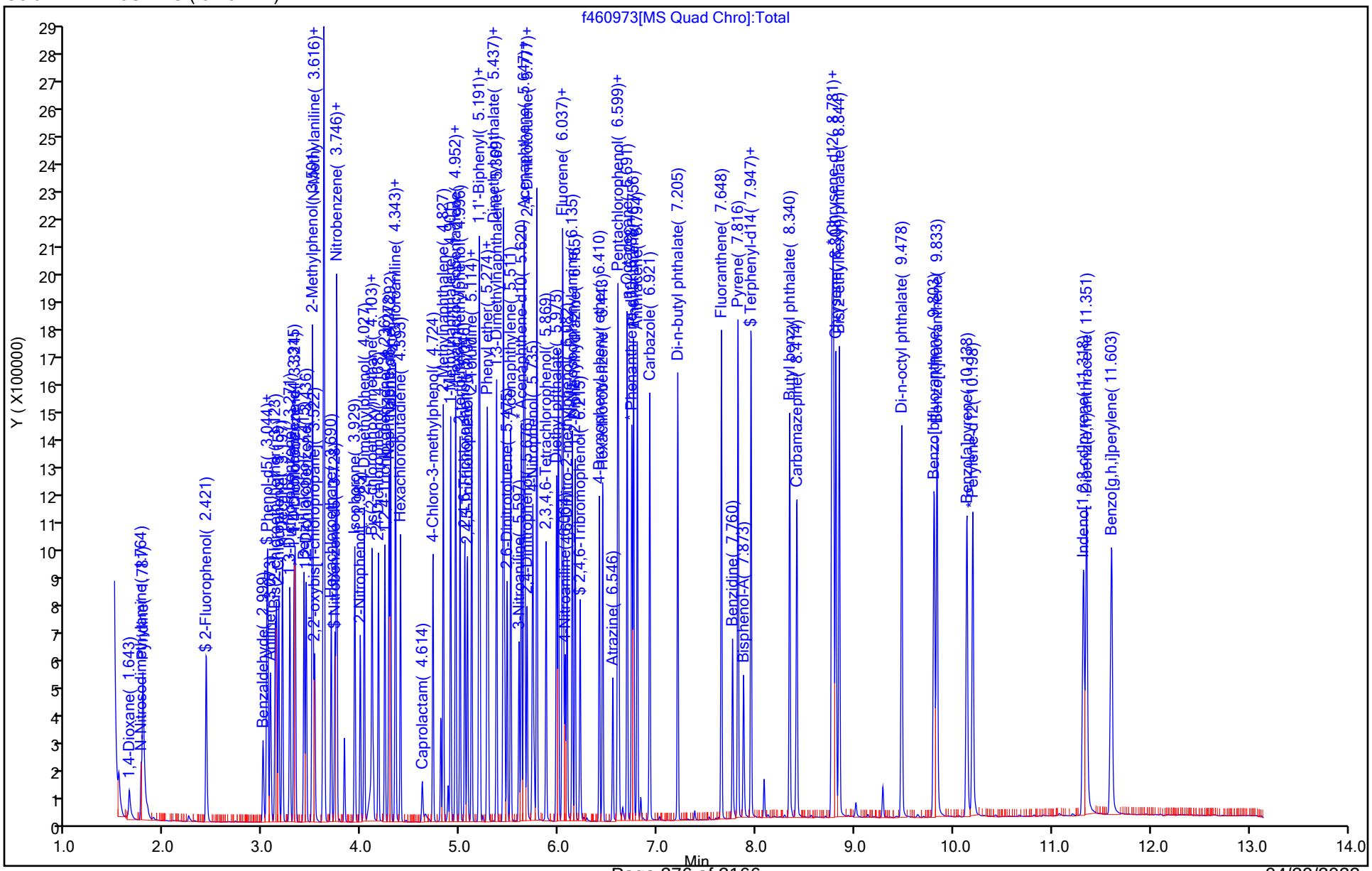
Lims ID: 460-255680-E-1-A MS Worklist Smp#: 24

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460973.D
Lims ID: 460-255680-E-1-A MS
Client ID:
Sample Type: MS
Inject. Date: 07-Apr-2022 14:51:33 ALS Bottle#: 0 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143724-024
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 08-Apr-2022 16:16:58 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: eisam Date: 07-Apr-2022 15:35:35

Compound	Amount Added	Amount Recovered	% Rec.
$ 5 2-Fluorophenol	50.0	40.8	81.52
$ 8 Phenol-d5	50.0	41.5	82.99
$ 26 Nitrobenzene-d5	50.0	40.5	80.99
$ 50 2-Fluorobiphenyl	50.0	41.8	83.51
$ 76 2,4,6-Tribromophenol	50.0	47.1	94.17
$ 93 Terphenyl-d14	50.0	45.0	89.95

Manual Integration/User Assign Peak Report

Eurofins Edison

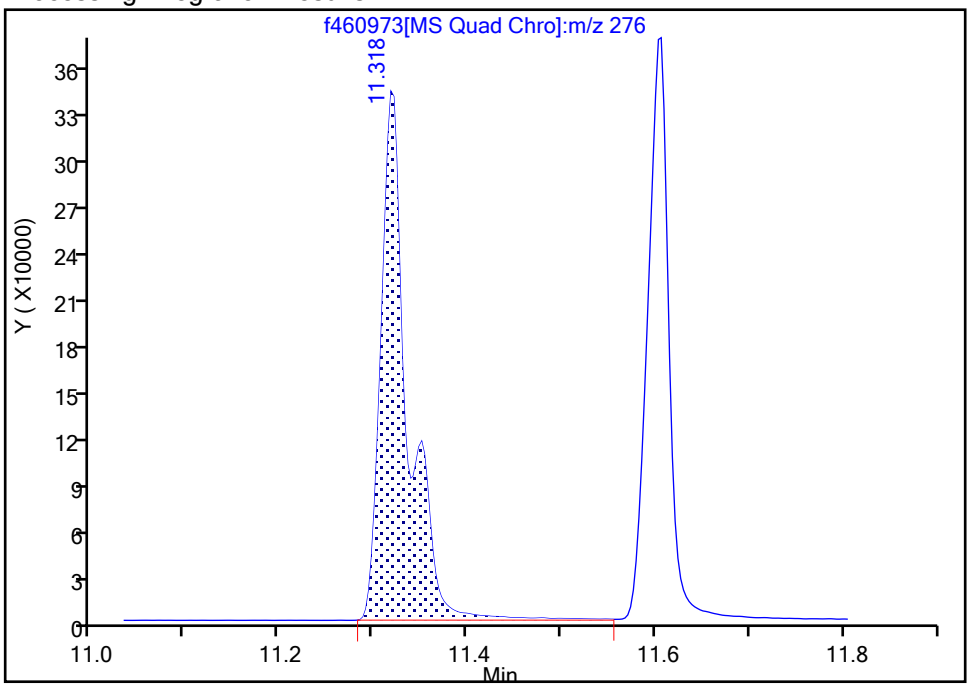
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460973.D
Injection Date: 07-Apr-2022 14:51:33 Instrument ID: CBNAMS15
Lims ID: 460-255680-E-1-A MS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

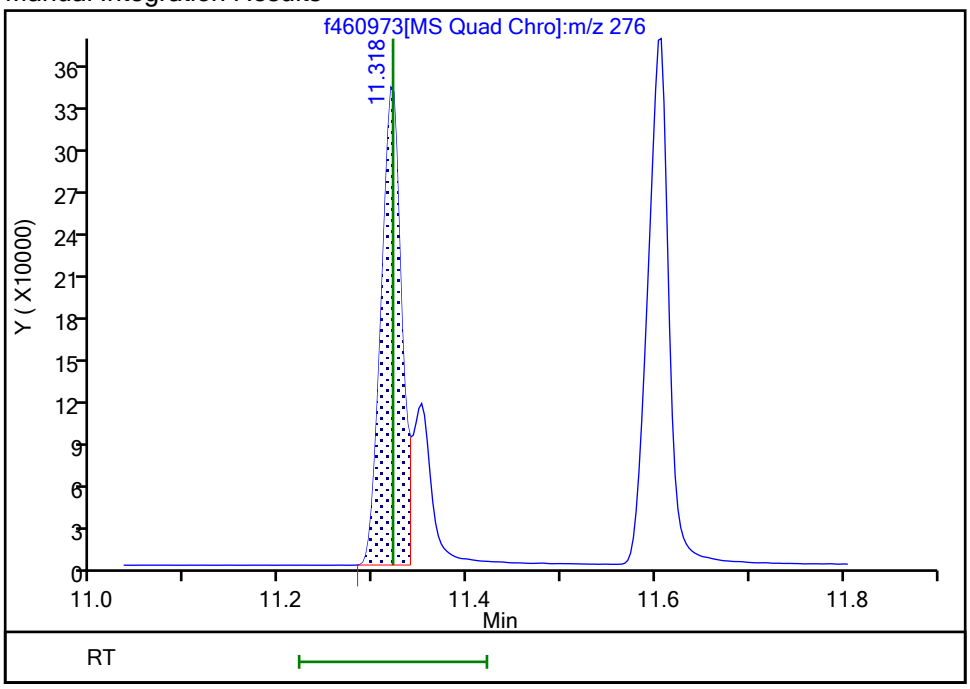
Processing Integration Results

RT: 11.32
Area: 685428
Amount: 60.442169
Amount Units: ug/ml



Manual Integration Results

RT: 11.32
Area: 519083
Amount: 47.654148
Amount Units: ug/ml



Reviewer: khlungprakhons, 08-Apr-2022 16:16:53
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-255680-E-1-B MSD

Matrix: Solid | Lab File ID: f460974.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/06/2022 19:30

Sample wt/vol: 15.01(g) | Date Analyzed: 04/07/2022 15:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837819 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	3440		380	5.1
95-94-3	1,2,4,5-Tetrachlorobenzene	3410		380	12
108-60-1	2,2'-oxybis[1-chloropropane]	3030		380	6.9
58-90-2	2,3,4,6-Tetrachlorophenol	3640		380	26
95-95-4	2,4,5-Trichlorophenol	3600		380	39
88-06-2	2,4,6-Trichlorophenol	3620		150	49
120-83-2	2,4-Dichlorophenol	3610		150	24
105-67-9	2,4-Dimethylphenol	3450		380	17
51-28-5	2,4-Dinitrophenol	5930		310	190
121-14-2	2,4-Dinitrotoluene	3940		77	41
606-20-2	2,6-Dinitrotoluene	3840		77	27
91-58-7	2-Chloronaphthalene	3400		380	18
95-57-8	2-Chlorophenol	3390		380	14
91-57-6	2-Methylnaphthalene	3290		380	11
95-48-7	2-Methylphenol	3470		380	14
88-74-4	2-Nitroaniline	3640		380	14
88-75-5	2-Nitrophenol	3440		380	38
91-94-1	3,3'-Dichlorobenzidine	3340		150	57
99-09-2	3-Nitroaniline	3090		380	43
534-52-1	4,6-Dinitro-2-methylphenol	6270		310	160
101-55-3	4-Bromophenyl phenyl ether	3490		380	15
59-50-7	4-Chloro-3-methylphenol	3570		380	21
106-47-8	4-Chloroaniline	2790		380	68
7005-72-3	4-Chlorophenyl phenyl ether	3600		380	13
106-44-5	4-Methylphenol	3570		380	24
100-01-6	4-Nitroaniline	3370		380	44
100-02-7	4-Nitrophenol	7710		770	62
83-32-9	Acenaphthene	3600		380	11
208-96-8	Acenaphthylene	3310		380	3.8
98-86-2	Acetophenone	3420		380	19
120-12-7	Anthracene	3510		380	12
1912-24-9	Atrazine	1460		150	22
100-52-7	Benzaldehyde	1350		380	63
56-55-3	Benzo[a]anthracene	3490		38	13
50-32-8	Benzo[a]pyrene	3470		38	10

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-255680-E-1-B MSD

Matrix: Solid | Lab File ID: f460974.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/06/2022 19:30

Sample wt/vol: 15.01(g) | Date Analyzed: 04/07/2022 15:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837819 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
205-99-2	Benzo[b]fluoranthene	3930		38	9.8
191-24-2	Benzo[g,h,i]perylene	3600		380	11
207-08-9	Benzo[k]fluoranthene	3460		38	7.5
111-91-1	Bis(2-chloroethoxy)methane	3390		380	30
111-44-4	Bis(2-chloroethyl)ether	3340		38	13
117-81-7	Bis(2-ethylhexyl) phthalate	3540		380	20
85-68-7	Butyl benzyl phthalate	3630		380	18
105-60-2	Caprolactam	905		380	59
86-74-8	Carbazole	3520		380	14
218-01-9	Chrysene	3290		380	6.4
53-70-3	Dibenz(a,h)anthracene	3760		38	16
132-64-9	Dibenzofuran	3540		380	5.3
84-66-2	Diethyl phthalate	3640		380	5.5
131-11-3	Dimethyl phthalate	3630		380	86
84-74-2	Di-n-butyl phthalate	3620		380	14
117-84-0	Di-n-octyl phthalate	3530		380	20
206-44-0	Fluoranthene	3540		380	13
86-73-7	Fluorene	3600		380	5.2
118-74-1	Hexachlorobenzene	3530		38	18
87-68-3	Hexachlorobutadiene	3350		77	8.1
77-47-4	Hexachlorocyclopentadiene	2590		380	33
67-72-1	Hexachloroethane	3320		38	13
193-39-5	Indeno[1,2,3-cd]pyrene	3690		38	15
78-59-1	Isophorone	3490		150	110
91-20-3	Naphthalene	3400		380	6.6
98-95-3	Nitrobenzene	3580		38	9.1
621-64-7	N-Nitrosodi-n-propylamine	3530		38	28
86-30-6	N-Nitrosodiphenylamine	3480		380	31
87-86-5	Pentachlorophenol	7290		310	78
85-01-8	Phenanthrene	3500		380	6.7
108-95-2	Phenol	3430		380	14
129-00-0	Pyrene	3440		380	9.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-255680-E-1-B MSD

Matrix: Solid | Lab File ID: f460974.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/06/2022 19:30

Sample wt/vol: 15.01(g) | Date Analyzed: 04/07/2022 15:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837819 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	95		10-123
321-60-8	2-Fluorobiphenyl	82		14-103
367-12-4	2-Fluorophenol (Surr)	81		10-105
4165-60-0	Nitrobenzene-d5 (Surr)	83		11-104
4165-62-2	Phenol-d5 (Surr)	83		15-100
1718-51-0	Terphenyl-d14 (Surr)	90		12-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460974.D
Lims ID: 460-255680-E-1-B MSD
Client ID:
Sample Type: MSD
Inject. Date: 07-Apr-2022 15:08:51 ALS Bottle#: 0 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143724-025
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 08-Apr-2022 16:19:48 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: eisam Date: 07-Apr-2022 15:37:57

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.643	1.642	0.000	97	55421	50.0	37.0	
	2 N-Nitrosodimethylamine	74	1.761	1.760	0.000	80	95230	50.0	42.8	
	3 Pyridine	79	1.779	1.781	-0.003	85	263348	100.0	69.2	
$	5 2-Fluorophenol	112	2.421	2.415	0.005	92	163861	50.0	40.4	
	7 Benzaldehyde	77	2.997	2.999	-0.002	91	57340	20.0	17.6	E
$	8 Phenol-d5	99	3.038	3.034	0.003	93	206442	50.0	41.5	
	9 Phenol	94	3.047	3.043	0.003	98	216153	50.0	44.8	
	10 Aniline	93	3.073	3.072	0.000	20	206515	50.0	35.9	
	11 Bis(2-chloroethyl)ether	93	3.120	3.120	0.000	92	168528	50.0	43.6	
	12 2-Chlorophenol	128	3.159	3.155	0.003	87	175927	50.0	44.1	
	13 n-Decane	43	3.194	3.196	-0.003	89	175712	50.0	37.5	
	14 1,3-Dichlorobenzene	146	3.271	3.270	0.000	94	183460	50.0	42.5	
*	15 1,4-Dichlorobenzene-d4	152	3.312	3.312	0.000	97	113994	40.0	40.0	
	16 1,4-Dichlorobenzene	146	3.324	3.326	-0.003	91	186984	50.0	42.4	
	17 Benzyl alcohol	108	3.415	3.415	0.000	91	118101	50.0	44.9	
	18 1,2-Dichlorobenzene	146	3.436	3.435	0.000	93	180064	50.0	43.5	
	19 2-Methylphenol	108	3.498	3.494	0.003	86	159851	50.0	45.3	
	20 2,2'-oxybis[1-chloropropane]	45	3.522	3.521	0.000	92	227094	50.0	39.5	
	130 N-Methylaniline	106	3.610	3.609	0.000	75	265239	50.0	42.9	
	21 Acetophenone	105	3.616	3.618	-0.003	84	256390	50.0	44.6	
	22 4-Methylphenol	108	3.616	3.618	-0.003	70	189820	50.0	46.6	
	23 3 & 4 Methylphenol	108	3.616	3.618	-0.003	84	189820	50.0	46.6	
	24 N-Nitrosodi-n-propylamine	70	3.619	3.621	-0.003	69	116839	50.0	46.0	
	25 Hexachloroethane	117	3.690	3.689	0.000	93	74681	50.0	43.3	
$	26 Nitrobenzene-d5	82	3.728	3.725	0.000	91	188040	50.0	41.3	
	27 Nitrobenzene	123	3.743	3.743	-0.003	88	88676	50.0	46.7	
	28 n,n'-Dimethylaniline	120	3.746	3.748	-0.003	83	264529	50.0	42.9	
	29 Isophorone	82	3.929	3.929	-0.003	99	350006	50.0	45.6	
	30 2-Nitrophenol	139	3.985	3.983	0.000	85	93082	50.0	44.9	
	31 2,4-Dimethylphenol	122	4.026	4.023	0.000	89	155241	50.0	45.0	
	32 Bis(2-chloroethoxy)methane	93	4.103	4.103	-0.003	95	210650	50.0	44.3	
	33 Benzoic acid	122	4.118	4.115	0.000	89	107357	50.0	46.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	4.168	4.165	0.000	93	151817	50.0	47.0	
35 1,2,4-Trichlorobenzene	180	4.233	4.233	-0.003	94	155158	50.0	45.6	
* 36 Naphthalene-d8	136	4.278	4.277	0.001	100	446124	40.0	40.0	
37 Naphthalene	128	4.292	4.292	-0.003	99	509541	50.0	44.3	
38 4-Chloroaniline	127	4.340	4.339	-0.002	89	180718	50.0	36.4	
39 Hexachlorobutadiene	225	4.393	4.390	0.001	94	91497	50.0	43.7	
40 Caprolactam	113	4.614	4.613	-0.003	88	15102	20.0	11.8	
41 4-Chloro-3-methylphenol	107	4.721	4.719	-0.002	94	155330	50.0	46.6	
42 2-Methylnaphthalene	142	4.827	4.826	-0.002	78	338868	50.0	42.9	
43 1-Methylnaphthalene	142	4.901	4.899	-0.002	88	324414	50.0	44.5	
44 Hexachlorocyclopentadiene	237	4.948	4.947	-0.002	76	76625	50.0	33.8	
45 1,2,4,5-Tetrachlorobenzene	216	4.954	4.953	-0.002	95	159850	50.0	44.4	
46 2-tertbutyl-4-methylphenol	149	4.996	4.994	-0.002	89	225212	50.0	45.7	
47 2,4,6-Trichlorophenol	196	5.046	5.042	0.001	89	112879	50.0	47.2	
48 2,4,5-Trichlorophenol	196	5.070	5.068	-0.001	89	124592	50.0	46.9	
49 2-Toluidine	107	5.114	5.097	0.015	0	5622		NC	
$ 50 2-Fluorobiphenyl	172	5.114	5.112	-0.002	97	379473	50.0	41.2	
51 1,1'-Biphenyl	154	5.188	5.186	-0.001	96	423608	50.0	44.8	
52 2-Chloronaphthalene	162	5.197	5.195	-0.001	96	323987	50.0	44.4	
53 Phenyl ether	170	5.271	5.272	-0.004	88	228629	50.0	43.9	
54 2-Nitroaniline	65	5.283	5.281	-0.001	96	143977	50.0	47.5	
55 1,3-Dimethylnaphthalene	156	5.366	5.366	-0.004	90	270190	50.0	44.6	
56 Dimethyl phthalate	163	5.437	5.434	0.000	96	398385	50.0	47.3	
57 Coumarin	146	5.437	5.436	-0.003	71	137744	50.0	46.8	
58 2,6-Dinitrotoluene	165	5.475	5.472	-0.001	69	89500	50.0	50.0	
59 Acenaphthylene	152	5.511	5.508	0.000	97	503944	50.0	43.2	
60 3-Nitroaniline	138	5.594	5.593	-0.003	91	87166	50.0	40.4	
* 61 Acenaphthene-d10	164	5.617	5.620	-0.003	95	258901	40.0	40.0	
62 Acenaphthene	154	5.644	5.641	0.000	94	316084	50.0	46.9	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.653	5.652	-0.003	94	293438	50.0	45.7	
64 2,4-Dinitrophenol	184	5.677	5.676	-0.003	67	85404	100.0	77.3	
65 4-Nitrophenol	65	5.736	5.732	0.000	92	176365	100.0	100.5	
67 2,4-Dinitrotoluene	165	5.777	5.773	0.000	64	123751	50.0	51.4	
66 Dibenzofuran	168	5.777	5.773	0.000	91	476067	50.0	46.2	
68 2,3,4,6-Tetrachlorophenol	232	5.869	5.868	-0.003	91	99507	50.0	47.5	
69 Diethyl phthalate	149	5.975	5.974	-0.003	97	404167	50.0	47.4	
70 Fluorene	166	6.035	6.033	-0.002	83	388206	50.0	46.9	
71 4-Chlorophenyl phenyl ether	204	6.044	6.042	-0.002	86	187475	50.0	47.0	
72 4-Nitroaniline	138	6.064	6.063	-0.002	37	93144	50.0	43.9	
73 4,6-Dinitro-2-methylphenol	198	6.082	6.080	-0.002	76	114166	100.0	81.8	
74 N-Nitrosodiphenylamine	169	6.136	6.133	-0.001	18	282052	50.0	45.4	
75 1,2-Diphenylhydrazine	77	6.162	6.160	-0.002	46	422753	50.0	46.8	
$ 76 2,4,6-Tribromophenol	330	6.216	6.213	-0.001	94	81314	50.0	47.3	
77 4-Bromophenyl phenyl ether	248	6.411	6.408	-0.001	87	113703	50.0	45.5	
78 Hexachlorobenzene	284	6.444	6.440	-0.001	89	140433	50.0	46.0	
79 Atrazine	200	6.547	6.544	-0.001	89	45112	20.0	19.0	
80 Pentachlorophenol	266	6.597	6.594	-0.001	90	176933	100.0	95.1	
81 Pentachloronitrobenzene	237	6.606	6.603	-0.001	85	55453	50.0	46.2	
82 n-Octadecane	57	6.689	6.688	-0.004	92	316397	50.0	44.8	
* 83 Phenanthrene-d10	188	6.736	6.740	-0.004	99	473244	40.0	40.0	
84 Phenanthrene	178	6.757	6.753	-0.001	98	562709	50.0	45.6	
85 Anthracene	178	6.795	6.792	-0.001	98	576035	50.0	45.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.920	6.916	-0.001	83	533468	50.0	45.9	
88 Di-n-butyl phthalate	149	7.203	7.202	-0.004	100	702413	50.0	47.2	
89 Fluoranthene	202	7.647	7.645	-0.003	97	613809	50.0	46.2	
90 Benzidine	184	7.759	7.757	-0.004	99	234727	50.0	33.0	
91 Pyrene	202	7.815	7.810	-0.001	97	636007	50.0	44.8	
92 Bisphenol-A	213	7.871	7.869	-0.004	98	148064	25.0	23.8	
$ 93 Terphenyl-d14	244	7.945	7.943	-0.004	97	538761	50.0	44.9	
94 2-Naphthylamine	143	7.945	7.984	-0.044	0	288		NC	
95 Butyl benzyl phthalate	149	8.339	8.336	-0.003	98	313113	50.0	47.4	
97 Carbamazepine	193	8.413	8.407	0.000	90	275708	50.0	45.0	
99 3,3'-Dichlorobenzidine	252	8.762	8.762	-0.006	98	227417	50.0	43.5	
100 Benzo[a]anthracene	228	8.774	8.771	-0.003	99	622349	50.0	45.5	
* 98 Chrysene-d12	240	8.783	8.786	-0.003	99	451751	40.0	40.0	
101 Chrysene	228	8.807	8.803	-0.002	95	586170	50.0	42.9	
102 Bis(2-ethylhexyl) phthalate	149	8.842	8.839	-0.003	74	453311	50.0	46.2	
103 Di-n-octyl phthalate	149	9.473	9.480	-0.005	97	776367	50.0	46.0	
104 Benzo[b]fluoranthene	252	9.802	9.829	-0.005	96	621004	50.0	51.2	
105 Benzo[k]fluoranthene	252	9.831	9.843	-0.005	99	649500	50.0	45.1	
106 Benzo[a]pyrene	252	10.134	10.140	-0.004	97	554867	50.0	45.2	
* 107 Perylene-d12	264	10.193	10.198	-0.005	98	477999	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.313	11.313	-0.008	95	553833	50.0	48.2	M
109 Dibenz(a,h)anthracene	278	11.346	11.355	-0.007	96	631517	50.0	49.1	
110 Benzo[g,h,i]perylene	276	11.598	11.610	-0.010	95	625483	50.0	47.0	
S 117 Total Cresols	1				0			91.9	
131 2,6-Dichlorophenol	162	4.343	4.345	-0.002	0	145638	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 08-Apr-2022 16:19:49 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460974.D

Injection Date: 07-Apr-2022 15:08:51 Instrument ID: CBNAMS15 Operator ID:

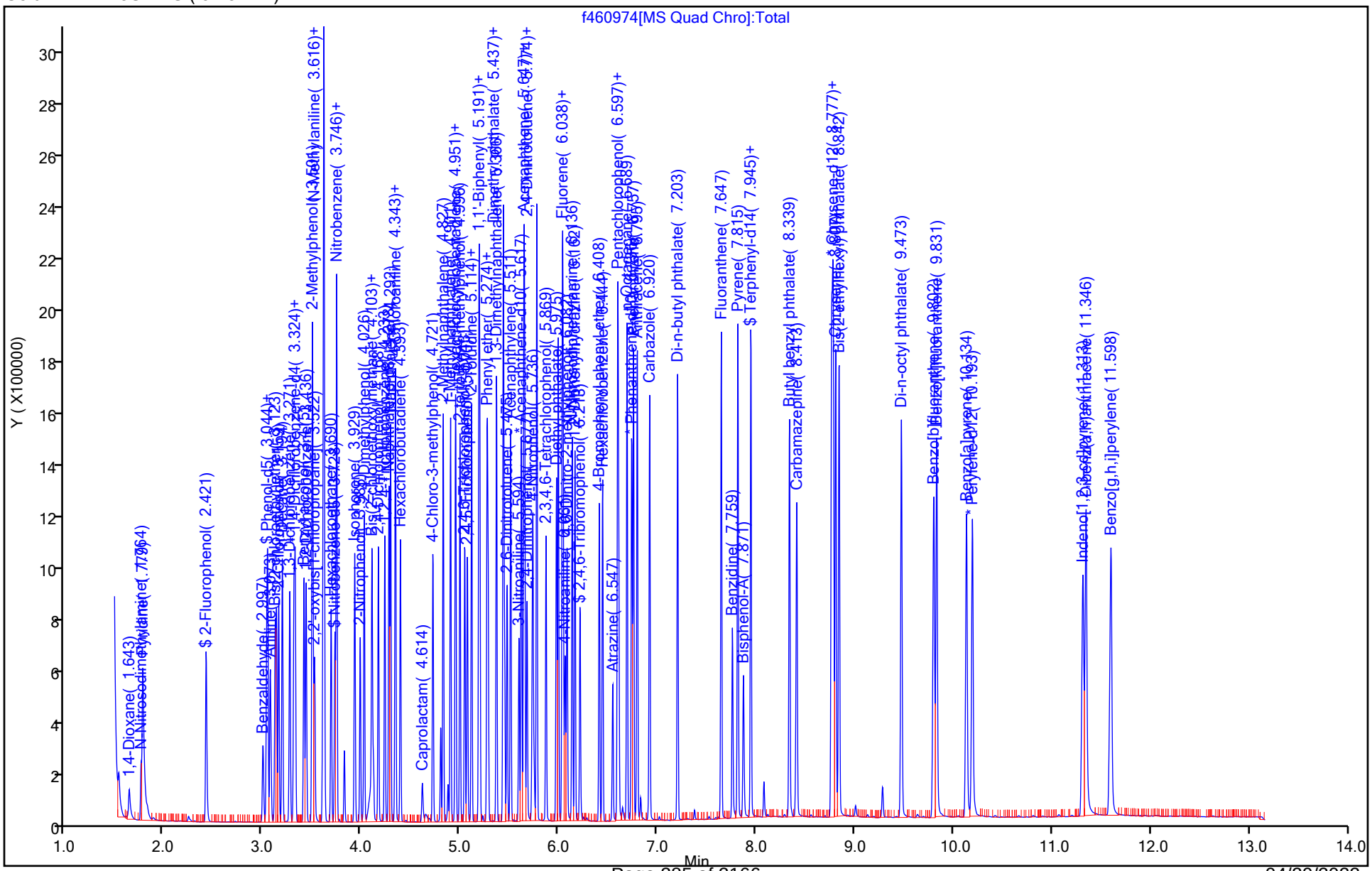
Lims ID: 460-255680-E-1-B MSD Worklist Smp#: 25

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460974.D
Lims ID: 460-255680-E-1-B MSD
Client ID:
Sample Type: MSD
Inject. Date: 07-Apr-2022 15:08:51 ALS Bottle#: 0 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143724-025
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 08-Apr-2022 16:19:48 Calib Date: 30-Mar-2022 10:52:03
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20220330-143392.b\f460653.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: eisam Date: 07-Apr-2022 15:37:57

Compound	Amount Added	Amount Recovered	% Rec.
$ 5 2-Fluorophenol	50.0	40.4	80.87
$ 8 Phenol-d5	50.0	41.5	83.09
$ 26 Nitrobenzene-d5	50.0	41.3	82.66
$ 50 2-Fluorobiphenyl	50.0	41.2	82.41
$ 76 2,4,6-Tribromophenol	50.0	47.3	94.66
$ 93 Terphenyl-d14	50.0	44.9	89.70

Manual Integration/User Assign Peak Report

Eurofins Edison

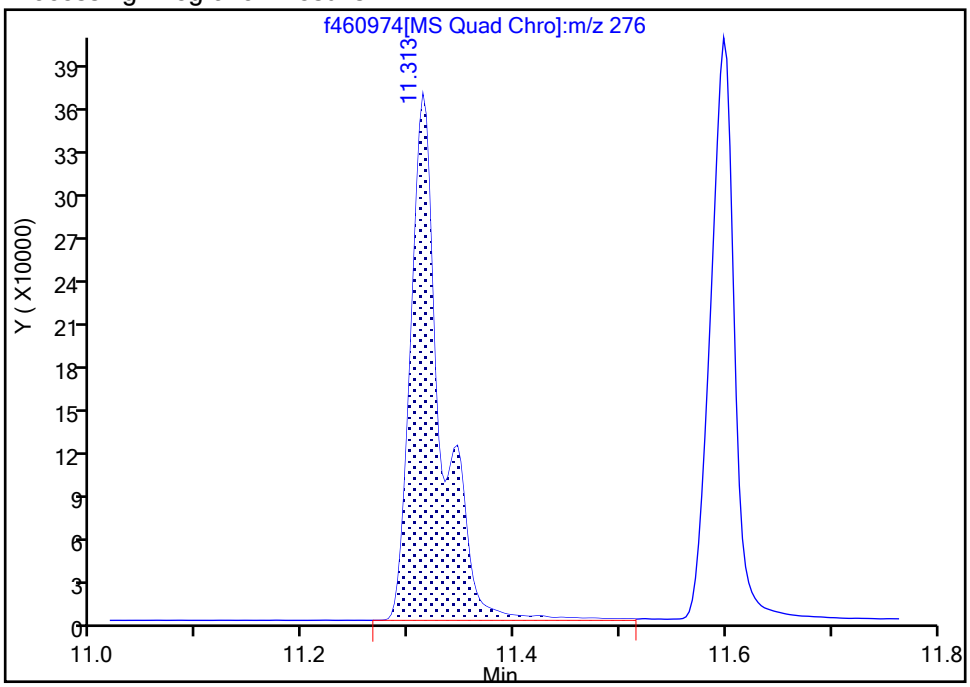
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20220407-143724.b\f460974.D				
Injection Date:	07-Apr-2022 15:08:51	Instrument ID:	CBNAMS15		
Lims ID:	460-255680-E-1-B MSD				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

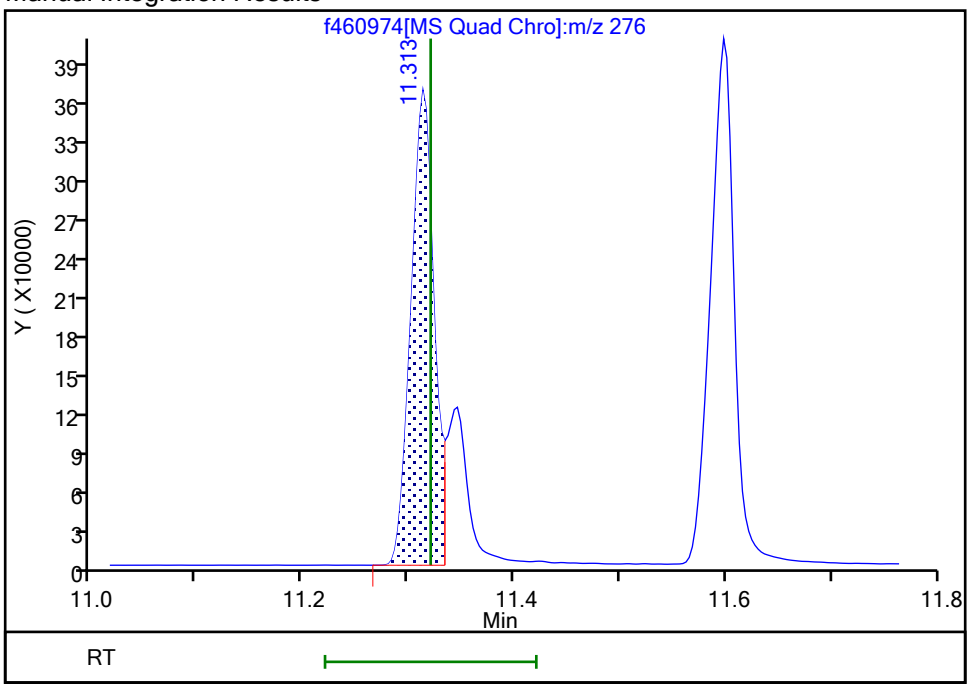
Processing Integration Results

RT: 11.31
Area: 723645
Amount: 60.529753
Amount Units: ug/ml



Manual Integration Results

RT: 11.31
Area: 553833
Amount: 48.162752
Amount Units: ug/ml



Reviewer: khlungprakhons, 08-Apr-2022 16:17:09

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: CBNAMS15 Start Date: 03/30/2022 08:25

Analysis Batch Number: 836323 End Date: 03/30/2022 18:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-836323/1		03/30/2022 08:25	1	f460644.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-836323/2		03/30/2022 08:33	1	f460645.D	Rtxi-5Sil MS 0.25(mm)
STD120 460-836323/3 IC		03/30/2022 08:51	1	f460646.D	Rtxi-5Sil MS 0.25(mm)
STD80 460-836323/4 IC		03/30/2022 09:08	1	f460647.D	Rtxi-5Sil MS 0.25(mm)
STD20 460-836323/5 IC		03/30/2022 09:25	1	f460648.D	Rtxi-5Sil MS 0.25(mm)
STD10 460-836323/6 IC		03/30/2022 09:42	1	f460649.D	Rtxi-5Sil MS 0.25(mm)
STD5 460-836323/7 IC		03/30/2022 10:00	1	f460650.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-836323/8 IC		03/30/2022 10:17	1	f460651.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-836323/9 IC		03/30/2022 10:34	1	f460652.D	Rtxi-5Sil MS 0.25(mm)
STD05 460-836323/10 IC		03/30/2022 10:52	1	f460653.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-836323/11		03/30/2022 11:09	1	f460654.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/30/2022 11:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/30/2022 11:43	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/30/2022 12:01	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/30/2022 12:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/30/2022 12:35	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/30/2022 12:53	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/30/2022 13:10	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/30/2022 13:27	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/30/2022 13:44	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/30/2022 14:02	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/30/2022 14:19	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/30/2022 14:36	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/30/2022 14:53	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/30/2022 15:11	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/30/2022 15:28	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/30/2022 15:45	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/30/2022 16:03	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/30/2022 16:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/30/2022 16:37	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/30/2022 16:55	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/30/2022 17:12	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/30/2022 17:29	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/30/2022 17:47	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/30/2022 18:04	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/30/2022 18:21	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/30/2022 18:38	5		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: CBNAMS15 Start Date: 04/07/2022 08:30

Analysis Batch Number: 837819 End Date: 04/07/2022 20:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-837819/2		04/07/2022 08:30	1	f460951.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 09:05	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 09:22	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 09:39	1		Rtxi-5Sil MS 0.25(mm)
MB 460-837727/1-A		04/07/2022 09:57	1	f460956.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-837727/2-A		04/07/2022 10:14	1	f460957.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-837727/3-A		04/07/2022 10:31	1	f460958.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 10:49	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 11:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 11:23	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 11:41	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 11:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 12:15	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 12:33	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 12:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 13:25	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 13:42	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 13:59	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 14:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 14:34	1		Rtxi-5Sil MS 0.25(mm)
460-255680-E-1-A MS		04/07/2022 14:51	1	f460973.D	Rtxi-5Sil MS 0.25(mm)
460-255680-E-1-B MSD		04/07/2022 15:08	1	f460974.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 15:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 15:43	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 16:00	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 16:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 16:35	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 16:52	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 17:10	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 18:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 18:36	1		Rtxi-5Sil MS 0.25(mm)
460-255715-16	COMP-1	04/07/2022 18:53	1	f460984.D	Rtxi-5Sil MS 0.25(mm)
460-255715-17	COMP-2	04/07/2022 19:10	1	f460985.D	Rtxi-5Sil MS 0.25(mm)
460-255715-18	COMP-3	04/07/2022 19:28	1	f460986.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 19:45	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 20:02	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/07/2022 20:19	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 837727 Batch Start Date: 04/06/22 19:30 Batch Analyst: Yallabandi, Gopichand X

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_Benzald_sp 00018	OP_BNA SPIK 00043	OP_BNASurroga 00022	
MB 460-837727/1		3546, 8270E		15.00 g	1 mL			500 uL	
LCS 460-837727/2		3546, 8270E		15.00 g	1 mL	10 uL	500 uL	500 uL	
LCSD 460-837727/3		3546, 8270E		15.00 g	1 mL	10 uL	500 uL	500 uL	
460-255680-E-1 MS		3546, 8270E	T	15.04 g	1 mL	10 uL	500 uL	500 uL	
460-255680-E-1 MSD		3546, 8270E	T	15.01 g	1 mL	10 uL	500 uL	500 uL	
460-255715-A-16	COMP-1	3546, 8270E	T	15.02 g	1 mL			500 uL	
460-255715-A-17	COMP-2	3546, 8270E	T	15.07 g	1 mL			500 uL	
460-255715-D-18	COMP-3	3546, 8270E	T	15.06 g	1 mL			500 uL	

Batch Notes	
Method/Fraction	3546 / 8270E
Balance ID	34
Microwave Oven ID	MD-4965
Analyst ID - Extraction	gy
Blank Matrix ID	181427
Analyst ID - Spike Analyst	gy
Analyst ID - Spike Witness Analyst	jose
Prep Solvent ID	Dichloromethane: 562004 & Acetone: 2762007
Na2SO4 ID	206606
Analyst ID - Concentration	gy
Equipment ID - Concentration 1	31869
Thermometer ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	34.0 Degrees C
Concentration 1 Corrected Temperature	34.0 Degrees C
Vial Lot Number	21036163
Batch Comment	BNA Soil

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8015D_GRO

Gasoline Range Organics (GRO) (GC)

FORM II
GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): Rtx-5MS ID: 0.25(mm)

Client Sample ID	Lab Sample ID	TFT1 #
SB-8 (0-5)	460-255715-1	114
SB-8 (8-8.5)	460-255715-2	106
SB-11 (4-4.5)	460-255715-3	114
SB-11 (9.5-10)	460-255715-4	124
SB-14 (4-5)	460-255715-5	116
SB-14 (6-10)	460-255715-6	104
SB-15 (3-5)	460-255715-7	119
SB-15 (12-13)	460-255715-8	116
SB-9 (4-5)	460-255715-9	112
SB-12 (0-5)	460-255715-10	120
SB-12 (7-8)	460-255715-11	123
SB-10(2.5-5)	460-255715-12	121
SB-13 (2-2.5)	460-255715-13	124
SB-13 (7-7.5)	460-255715-14	114
SB-16 (3-5)	460-255715-15	103
	MB 460-837797/6	104
	LCS 460-837797/3	95
	LCSD 460-837797/4	101

	QC LIMITS
TFT = a,a,a-Trifluorotoluene	67-150

Column to be used to flag recovery values

FORM II 8015D

FORM III
GASOLINE RANGE ORGANICS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: VF114109.D

Lab ID: LCS 460-837797/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
GRO	20000	19300	96	77-120	

Column to be used to flag recovery and RPD values

FORM III 8015D

FORM III
GASOLINE RANGE ORGANICS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: VF114110.D

Lab ID: LCSD 460-837797/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
GRO	20000	19500	97	1	30	77-120	

Column to be used to flag recovery and RPD values

FORM III 8015D

FORM IV
GASOLINE RANGE ORGANICS METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: MB 460-837797/6

Matrix: Solid Date Extracted:

Lab File ID:(1) VF114112.D Lab File ID:(2)

Date Analyzed:(1) 04/07/2022 10:52 Date Analyzed:(2)

Instrument ID:(1) CVOAGC1 Instrument ID:(2)

GC Column:(1) Rtx-5MS ID: 0.25(mm) GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-837797/3	04/07/2022 09:26	
	LCSD 460-837797/4	04/07/2022 09:55	
SB-8 (0-5)	460-255715-1	04/07/2022 11:21	
SB-8 (8-8.5)	460-255715-2	04/07/2022 11:49	
SB-11 (4-4.5)	460-255715-3	04/07/2022 12:18	
SB-11 (9.5-10)	460-255715-4	04/07/2022 12:48	
SB-14 (4-5)	460-255715-5	04/07/2022 13:16	
SB-14 (6-10)	460-255715-6	04/07/2022 13:45	
SB-15 (3-5)	460-255715-7	04/07/2022 14:14	
SB-15 (12-13)	460-255715-8	04/07/2022 14:43	
SB-9 (4-5)	460-255715-9	04/07/2022 15:12	
SB-12 (0-5)	460-255715-10	04/07/2022 15:42	
SB-12 (7-8)	460-255715-11	04/07/2022 17:11	
SB-10(2.5-5)	460-255715-12	04/07/2022 17:41	
SB-13 (2-2.5)	460-255715-13	04/07/2022 18:11	
SB-13 (7-7.5)	460-255715-14	04/07/2022 18:41	
SB-16 (3-5)	460-255715-15	04/07/2022 19:10	

FORM VIII
GASOLINE RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Sample No.: STDL3 460-795490/6 Date Analyzed: 08/10/2021 16:00

Instrument ID: CVOAGC1 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): VF1104172.D Heated Purge: (Y/N) N

Calibration ID: 86909

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TFT RT #		
INITIAL CALIBRATION SURROGATE				5.66		
UPPER LIMIT				5.76		
LOWER LIMIT				5.56		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
STDL3 460-795490/6 ICRT		08/10/2021 16:00	VF1104172.D	5.66		
ICV 460-795490/12		08/10/2021 18:52	VF1104178.D	5.66		

TFT = a,a,a-Trifluorotoluene

TFT RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015D

FORM VIII
GASOLINE RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Sample No.: CCVRT 460-837797/2 Date Analyzed: 04/07/2022 08:58

Instrument ID: CVOAGC1 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): VF114108.D Heated Purge: (Y/N) N

Calibration ID: 86909

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TFT RT #		
CONTINUING CALIBRATION SURROGATE				5.66		
UPPER LIMIT				5.76		
LOWER LIMIT				5.56		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-837797/2		04/07/2022 08:58	VF114108.D	5.66		
LCS 460-837797/3		04/07/2022 09:26	VF114109.D	5.66		
LCSD 460-837797/4		04/07/2022 09:55	VF114110.D	5.66		
MB 460-837797/6		04/07/2022 10:52	VF114112.D	5.66		
460-255715-1	SB-8 (0-5)	04/07/2022 11:21	VF114113.D	5.65		
460-255715-2	SB-8 (8-8.5)	04/07/2022 11:49	VF114114.D	5.65		
460-255715-3	SB-11 (4-4.5)	04/07/2022 12:18	VF114115.D	5.65		
460-255715-4	SB-11 (9.5-10)	04/07/2022 12:48	VF114116.D	5.65		
460-255715-5	SB-14 (4-5)	04/07/2022 13:16	VF114117.D	5.65		
460-255715-6	SB-14 (6-10)	04/07/2022 13:45	VF114118.D	5.65		
460-255715-7	SB-15 (3-5)	04/07/2022 14:14	VF114119.D	5.65		
460-255715-8	SB-15 (12-13)	04/07/2022 14:43	VF114120.D	5.65		
460-255715-9	SB-9 (4-5)	04/07/2022 15:12	VF114121.D	5.65		
460-255715-10	SB-12 (0-5)	04/07/2022 15:42	VF114122.D	5.65		
CCV 460-837797/18		04/07/2022 16:41	VF114124.D	5.66		
460-255715-11	SB-12 (7-8)	04/07/2022 17:11	VF114125.D	5.65		
460-255715-12	SB-10(2.5-5)	04/07/2022 17:41	VF114126.D	5.65		
460-255715-13	SB-13 (2-2.5)	04/07/2022 18:11	VF114127.D	5.65		
460-255715-14	SB-13 (7-7.5)	04/07/2022 18:41	VF114128.D	5.65		
460-255715-15	SB-16 (3-5)	04/07/2022 19:10	VF114129.D	5.65		
CCV 460-837797/27		04/07/2022 21:09	VF114133.D	5.66		

TFT = a,a,a-Trifluorotoluene

TFT RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015D

FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-8 (0-5) | Lab Sample ID: 460-255715-1

Matrix: Solid | Lab File ID: VF114113.D

Analysis Method: 8015D | Date Collected: 04/05/2022 09:10

Sample wt/vol: 4.32(g) | Date Analyzed: 04/07/2022 11:21

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 7.1 | Level: (low/med) Medium

Analysis Batch No.: 837797 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	3200	U	3200	3200

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	114		67-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114113.D
Lims ID: 460-255715-C-1-A
Client ID: SB-8 (0-5)
Sample Type: Client
Inject. Date: 07-Apr-2022 11:21:29 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-007
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 07-Apr-2022 09:41:56 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1620

First Level Reviewer: moroneyc Date: 07-Apr-2022 12:05:30

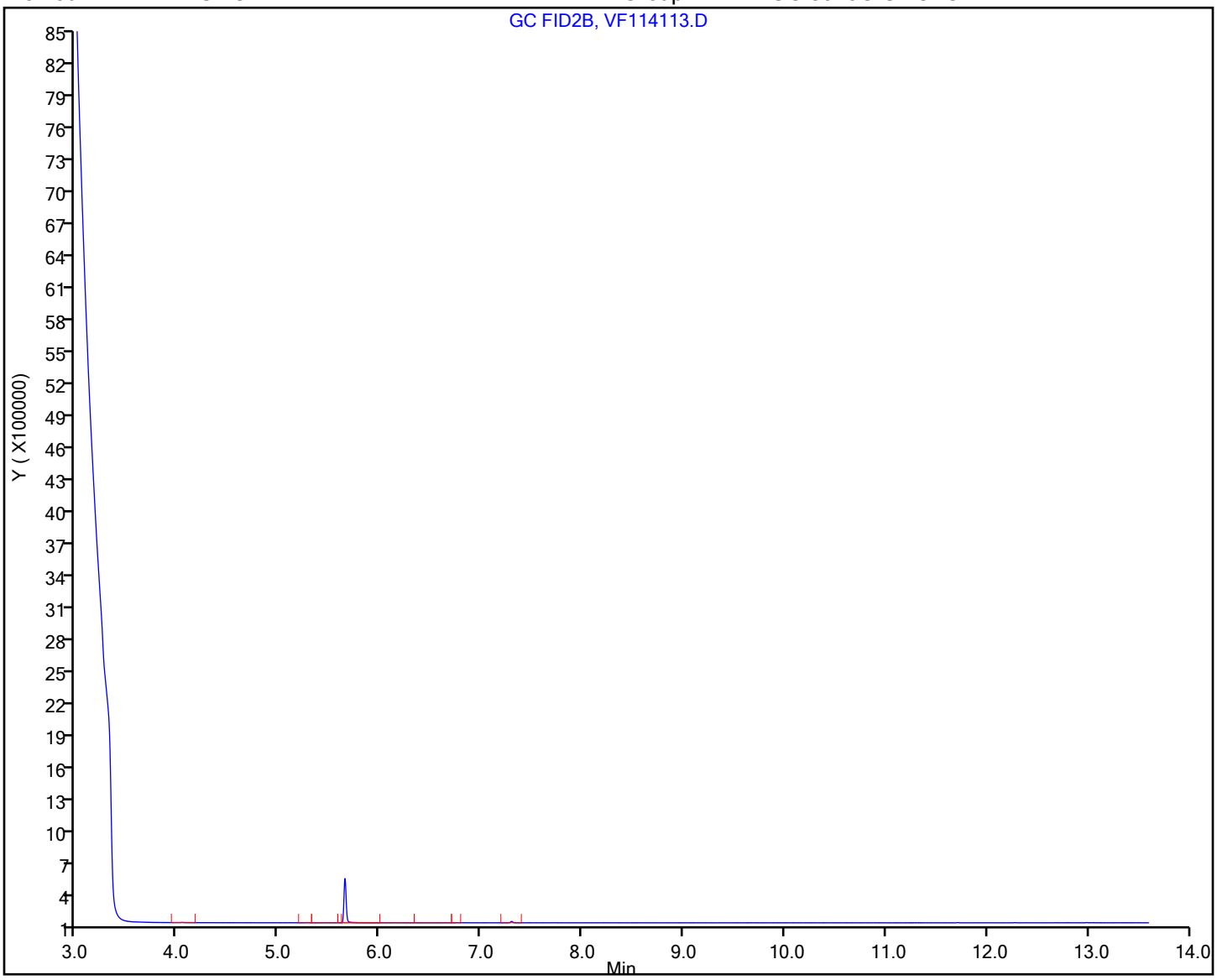
	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.649	5.658	-0.009	32642626	55.3	
A	2 GRO	6.811	(3.552-10.070)		1894199	2.80	

QC Flag Legend
Processing Flags

Report Date: 07-Apr-2022 12:05:30 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114113.D				
Injection Date:	07-Apr-2022 11:21:29	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-1-A	Lab Sample ID:	460-255715-1		
Client ID:	SB-8 (0-5)				
Operator ID:	VOAGC1	ALS Bottle#:	7	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114113.D
Lims ID: 460-255715-C-1-A
Client ID: SB-8 (0-5)
Sample Type: Client
Inject. Date: 07-Apr-2022 11:21:29 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-007
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 07-Apr-2022 09:41:56 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1620

First Level Reviewer: moroneyc Date: 07-Apr-2022 12:05:30

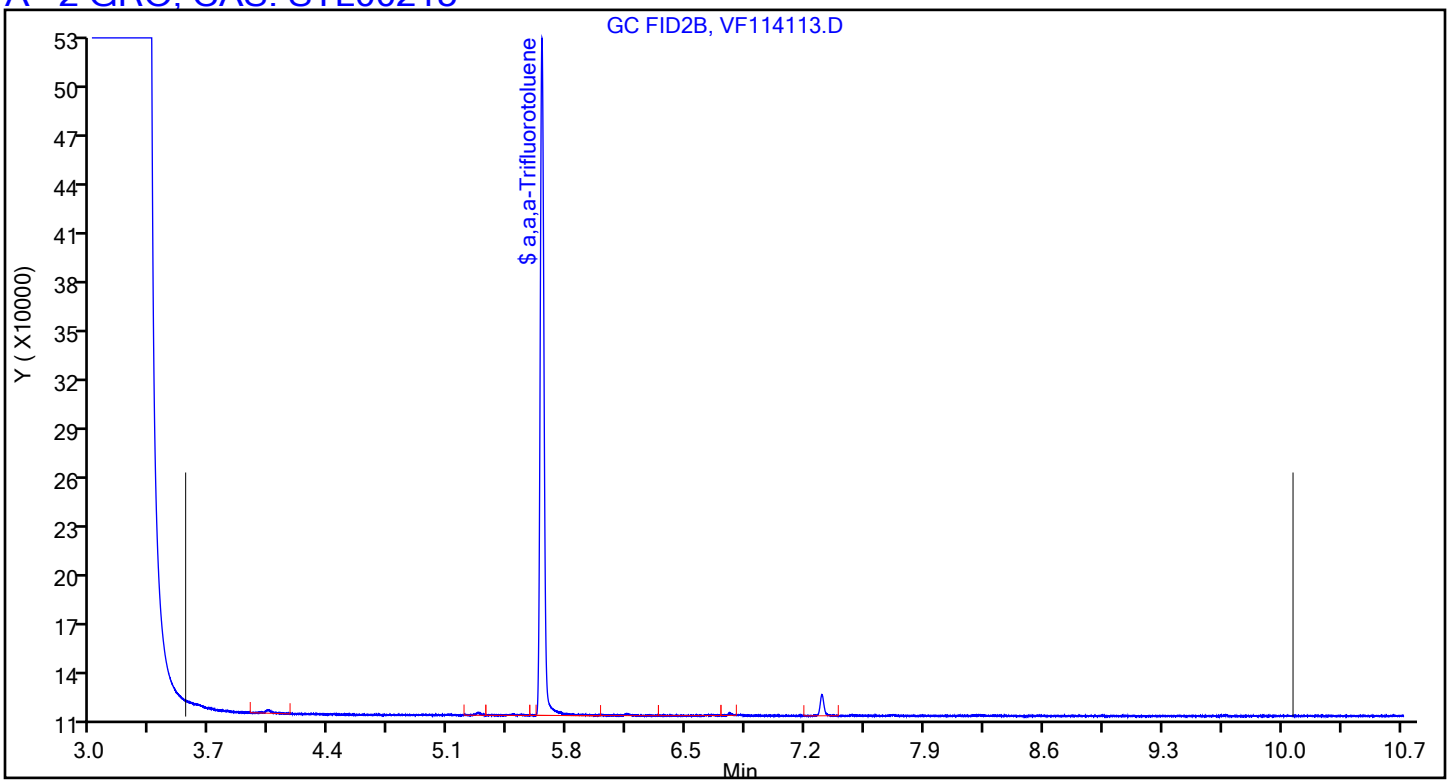
Compound	Amount Added	Amount Recovered	% Rec.
$ 1 a,a,a-Trifluorotoluene	2425.3	55.3	113.91

Report Date: 07-Apr-2022 12:05:31 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114113.D				
Injection Date:	07-Apr-2022 11:21:29	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-1-A	Lab Sample ID:	460-255715-1		
Client ID:	SB-8 (0-5)				
Operator ID:	VOAGC1	ALS Bottle#:	7	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		
Column:		Detector	GC FID2B		

A 2 GRO, CAS: STL00215



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-8 (8-8.5) | Lab Sample ID: 460-255715-2

Matrix: Solid | Lab File ID: VF114114.D

Analysis Method: 8015D | Date Collected: 04/05/2022 09:20

Sample wt/vol: 3.3(g) | Date Analyzed: 04/07/2022 11:49

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 2.9 | Level: (low/med) Medium

Analysis Batch No.: 837797 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	3900	U	3900	3900

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	106		67-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114114.D
Lims ID: 460-255715-C-2-A
Client ID: SB-8 (8-8.5)
Sample Type: Client
Inject. Date: 07-Apr-2022 11:49:57 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-008
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 07-Apr-2022 10:10:48 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1620

First Level Reviewer: moroneyc Date: 07-Apr-2022 12:30:26

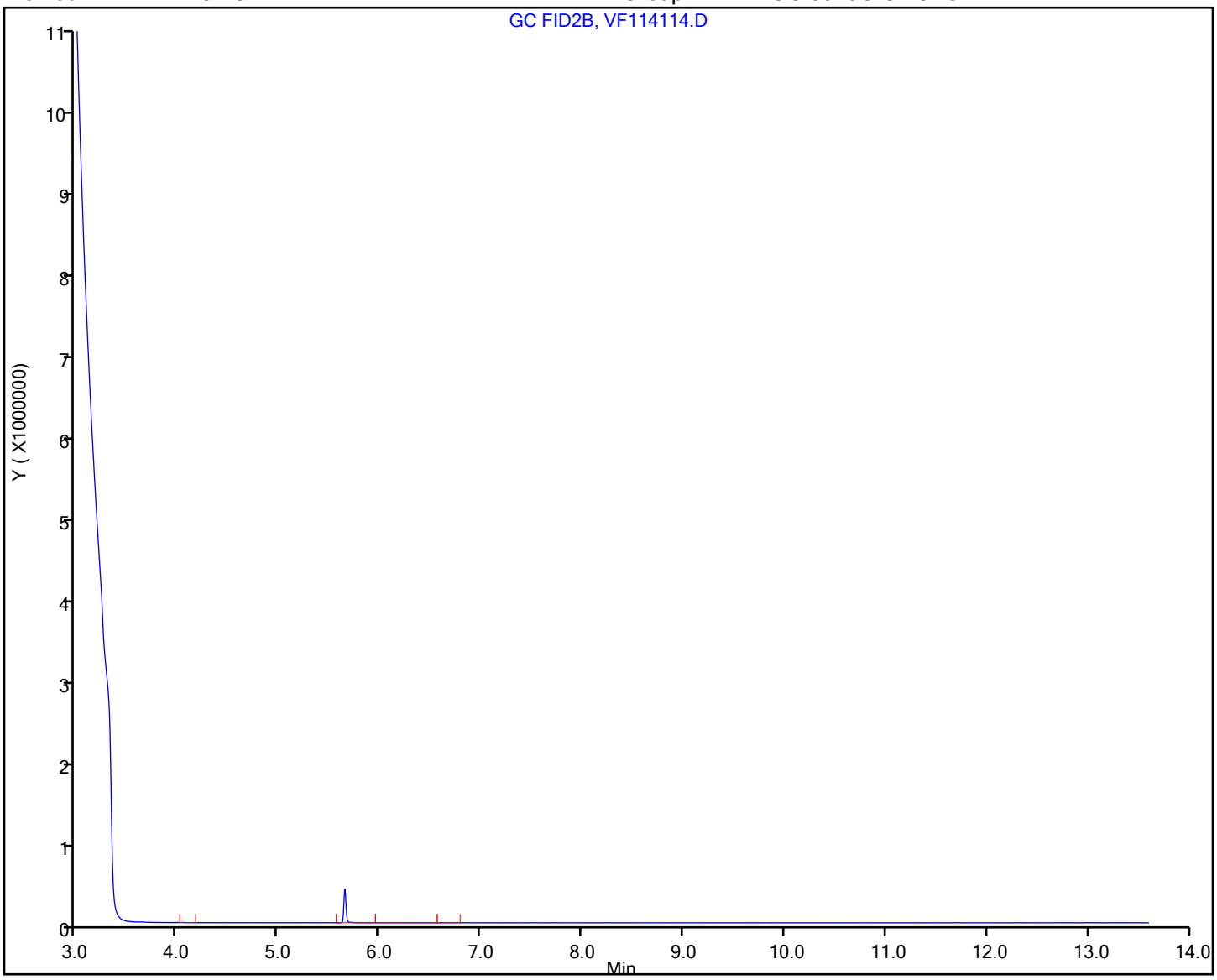
	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.649	5.658	-0.009	31081298	52.6	
A	2 GRO	6.811	(3.552-10.070)		324856	0.4806	

QC Flag Legend
Processing Flags

Report Date: 07-Apr-2022 12:30:26 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114114.D				
Injection Date:	07-Apr-2022 11:49:57	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-2-A	Lab Sample ID:	460-255715-2		
Client ID:	SB-8 (8-8.5)				
Operator ID:	VOAGC1	ALS Bottle#:	8	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114114.D
Lims ID: 460-255715-C-2-A
Client ID: SB-8 (8-8.5)
Sample Type: Client
Inject. Date: 07-Apr-2022 11:49:57 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-008
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 07-Apr-2022 10:10:48 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1620

First Level Reviewer: moroneyc Date: 07-Apr-2022 12:30:26

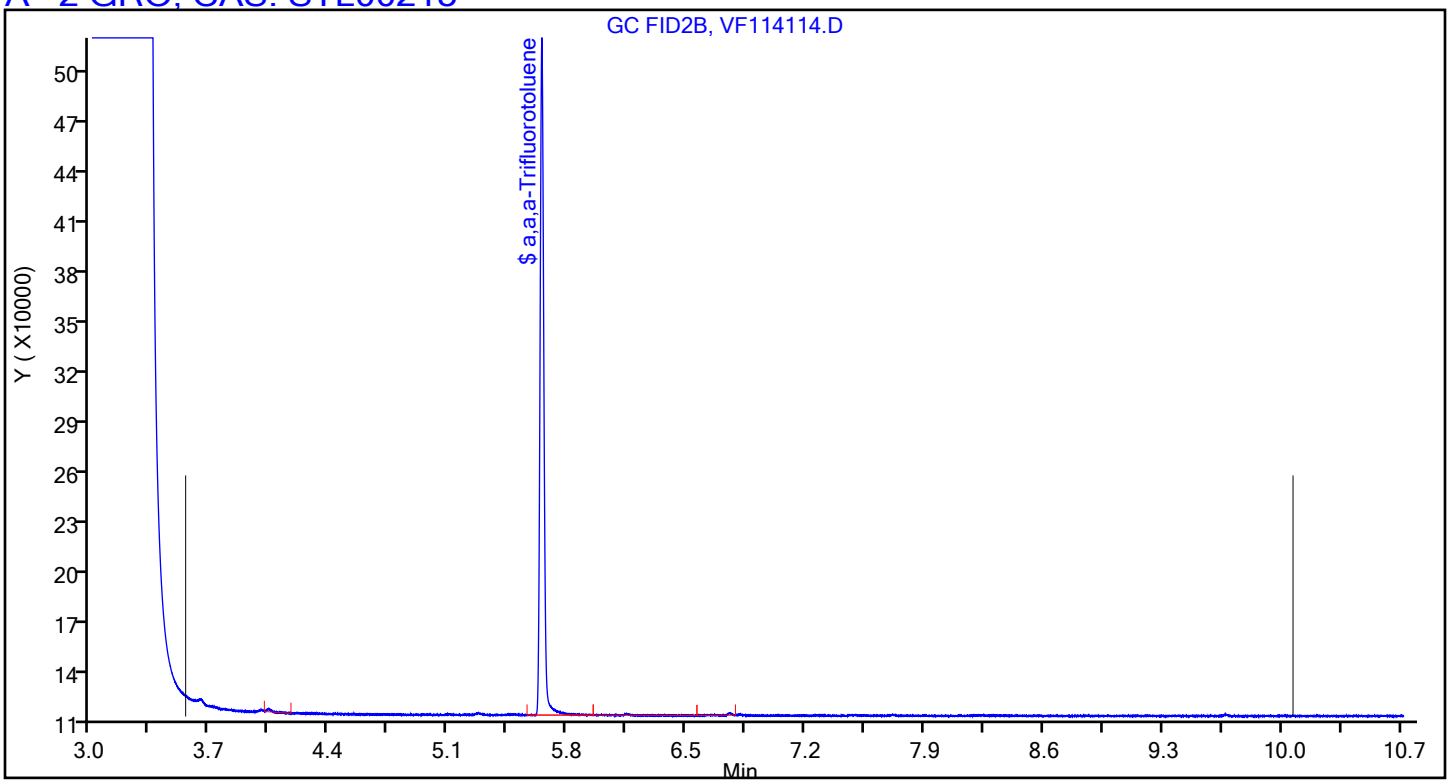
Compound	Amount Added	Amount Recovered	% Rec.
$ 1 a,a,a-Trifluorotoluene	2476.1	52.6	106.23

Report Date: 07-Apr-2022 12:30:26 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114114.D				
Injection Date:	07-Apr-2022 11:49:57	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-2-A	Lab Sample ID:	460-255715-2		
Client ID:	SB-8 (8-8.5)				
Operator ID:	VOAGC1	ALS Bottle#:	8	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		
Column:		Detector	GC FID2B		

A 2 GRO, CAS: STL00215



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-11 (4-4.5) | Lab Sample ID: 460-255715-3

Matrix: Solid | Lab File ID: VF114115.D

Analysis Method: 8015D | Date Collected: 04/05/2022 09:40

Sample wt/vol: 4.94(g) | Date Analyzed: 04/07/2022 12:18

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 12.1 | Level: (low/med) Medium

Analysis Batch No.: 837797 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	3100	U	3100	3100

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	114		67-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114115.D
Lims ID: 460-255715-C-3-A
Client ID: SB-11 (4-4.5)
Sample Type: Client
Inject. Date: 07-Apr-2022 12:18:59 ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-009
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 07-Apr-2022 11:08:39 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1620

First Level Reviewer: moroneyc Date: 07-Apr-2022 13:12:08

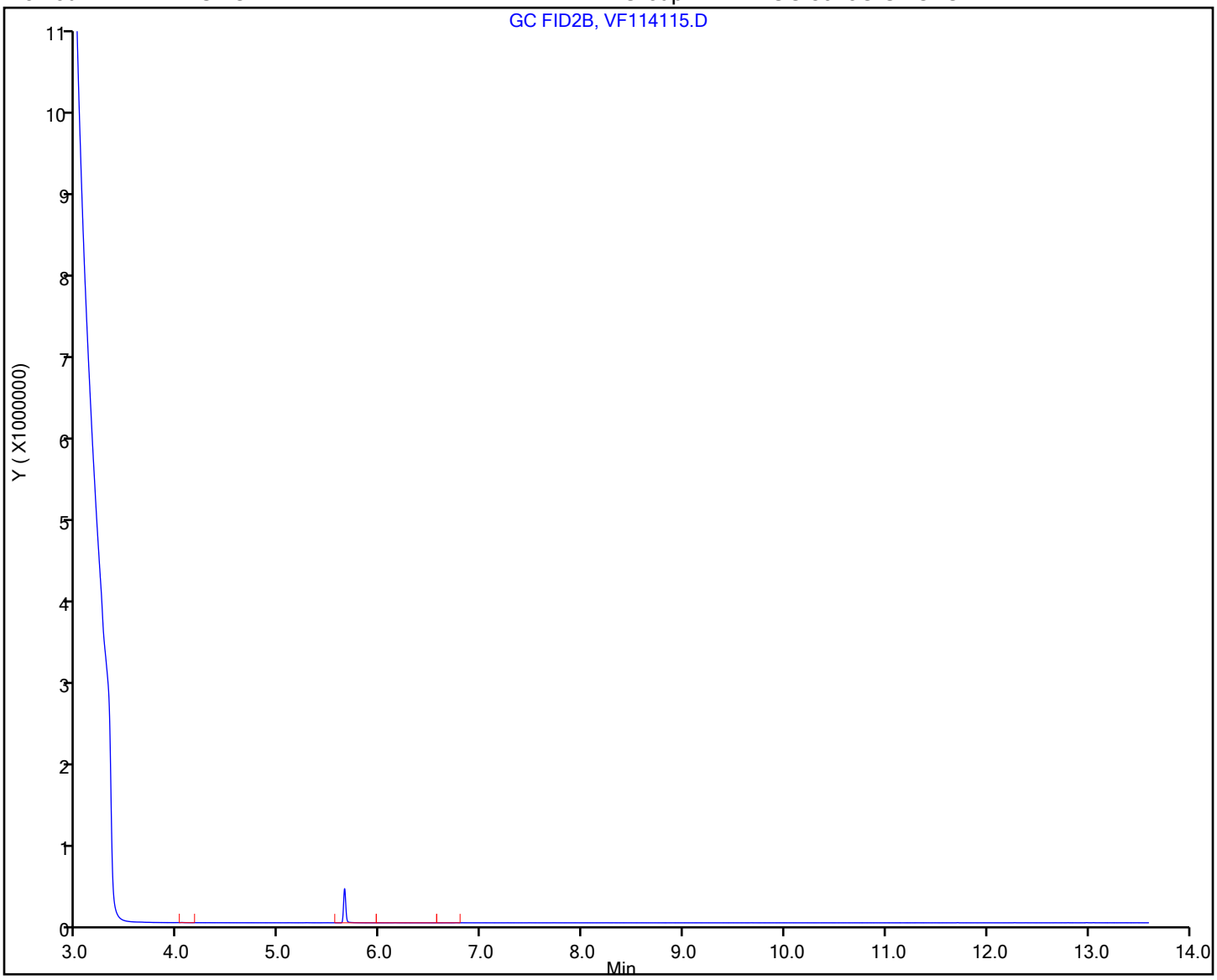
	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.646	5.658	-0.012	31688760	53.6	
A	2 GRO	6.811	(3.552-10.070)		458206	0.6778	

QC Flag Legend
Processing Flags

Report Date: 07-Apr-2022 13:12:08 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114115.D				
Injection Date:	07-Apr-2022 12:18:59	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-3-A	Lab Sample ID:	460-255715-3		
Client ID:	SB-11 (4-4.5)				
Operator ID:	VOAGC1	ALS Bottle#:	9	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114115.D
Lims ID: 460-255715-C-3-A
Client ID: SB-11 (4-4.5)
Sample Type: Client
Inject. Date: 07-Apr-2022 12:18:59 ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-009
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 07-Apr-2022 11:08:39 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1620

First Level Reviewer: moroneyc Date: 07-Apr-2022 13:12:08

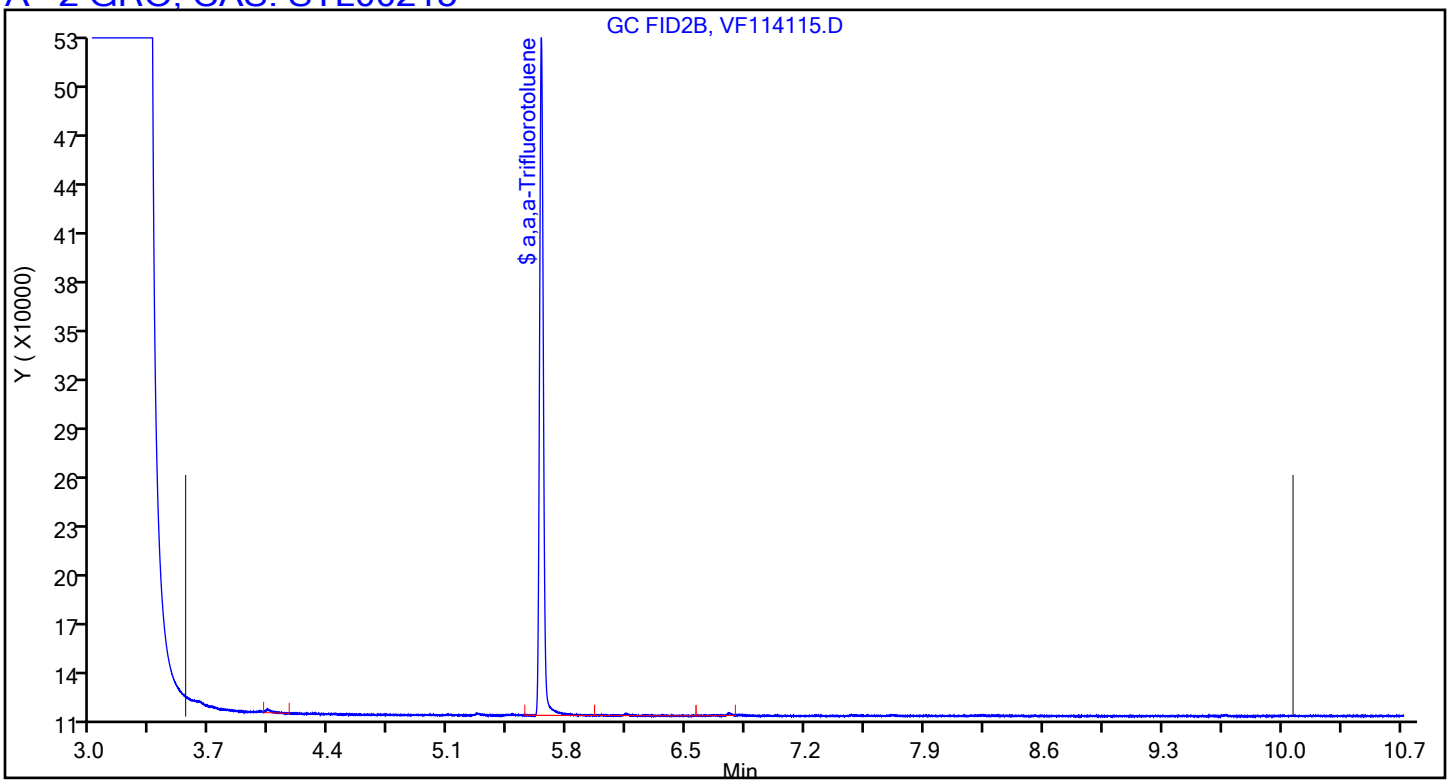
Compound	Amount Added	Amount Recovered	% Rec.
$ 1 a,a,a-Trifluorotoluene	2358.8	53.6	113.70

Report Date: 07-Apr-2022 13:12:08 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114115.D				
Injection Date:	07-Apr-2022 12:18:59	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-3-A	Lab Sample ID:	460-255715-3		
Client ID:	SB-11 (4-4.5)				
Operator ID:	VOAGC1	ALS Bottle#:	9	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		
Column:		Detector	GC FID2B		

A 2 GRO, CAS: STL00215



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-11 (9.5-10) | Lab Sample ID: 460-255715-4

Matrix: Solid | Lab File ID: VF114116.D

Analysis Method: 8015D | Date Collected: 04/05/2022 09:45

Sample wt/vol: 4.15(g) | Date Analyzed: 04/07/2022 12:48

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 1.5 | Level: (low/med) Medium

Analysis Batch No.: 837797 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	3100	U	3100	3100

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	124		67-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114116.D
Lims ID: 460-255715-C-4-A
Client ID: SB-11 (9.5-10)
Sample Type: Client
Inject. Date: 07-Apr-2022 12:48:02 ALS Bottle#: 10 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-010
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 07-Apr-2022 11:08:39 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1620

First Level Reviewer: moroneyc Date: 07-Apr-2022 13:12:30

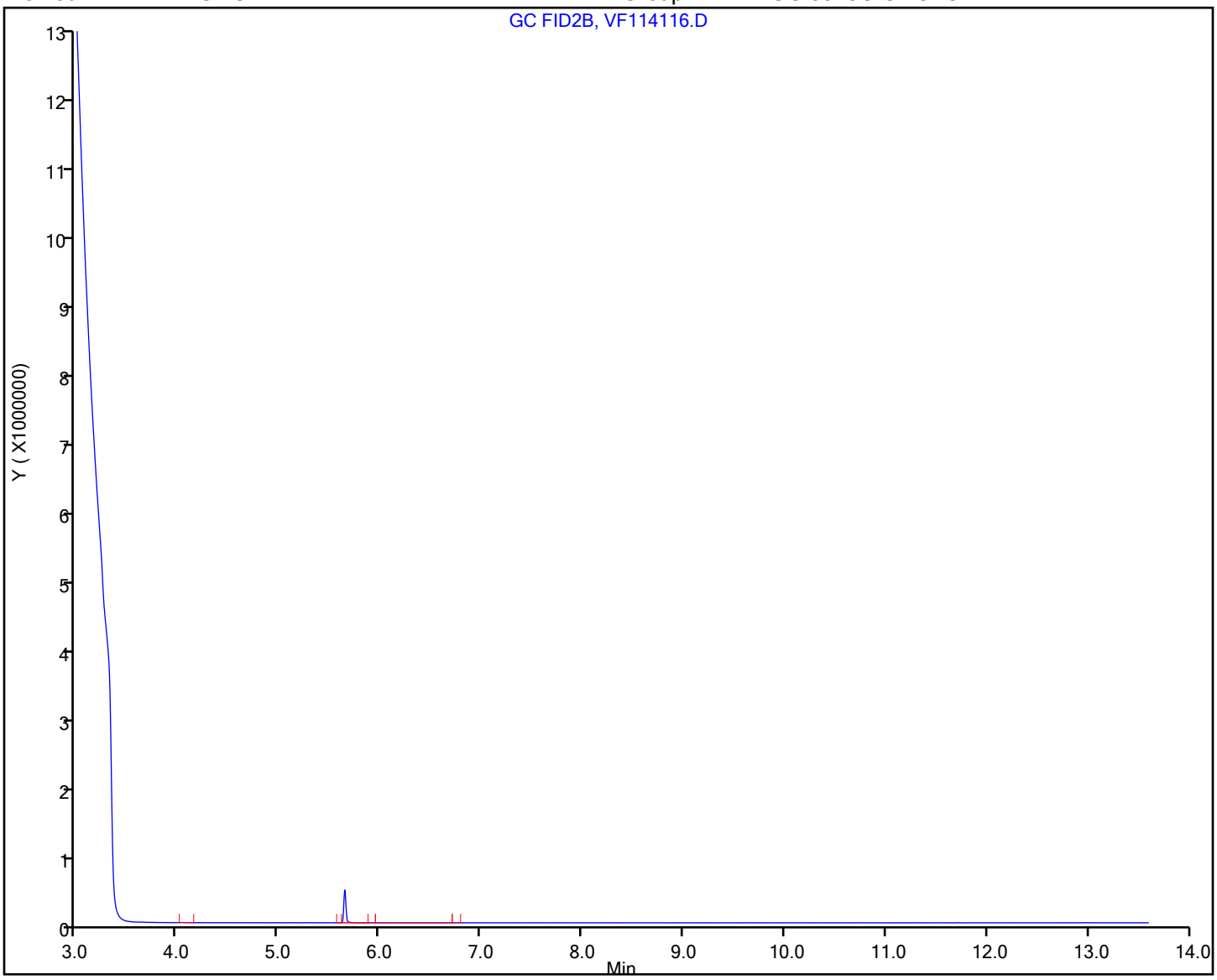
	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.648	5.658	-0.010	36294193	61.4	
A	2 GRO	6.811	(3.552-10.070)		439595	0.6503	

QC Flag Legend
Processing Flags

Report Date: 07-Apr-2022 13:12:30 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114116.D				
Injection Date:	07-Apr-2022 12:48:02	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-4-A	Lab Sample ID:	460-255715-4		
Client ID:	SB-11 (9.5-10)				
Operator ID:	VOAGC1	ALS Bottle#:	10	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114116.D
Lims ID: 460-255715-C-4-A
Client ID: SB-11 (9.5-10)
Sample Type: Client
Inject. Date: 07-Apr-2022 12:48:02 ALS Bottle#: 10 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-010
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 07-Apr-2022 11:08:39 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1620

First Level Reviewer: moroneyc Date: 07-Apr-2022 13:12:30

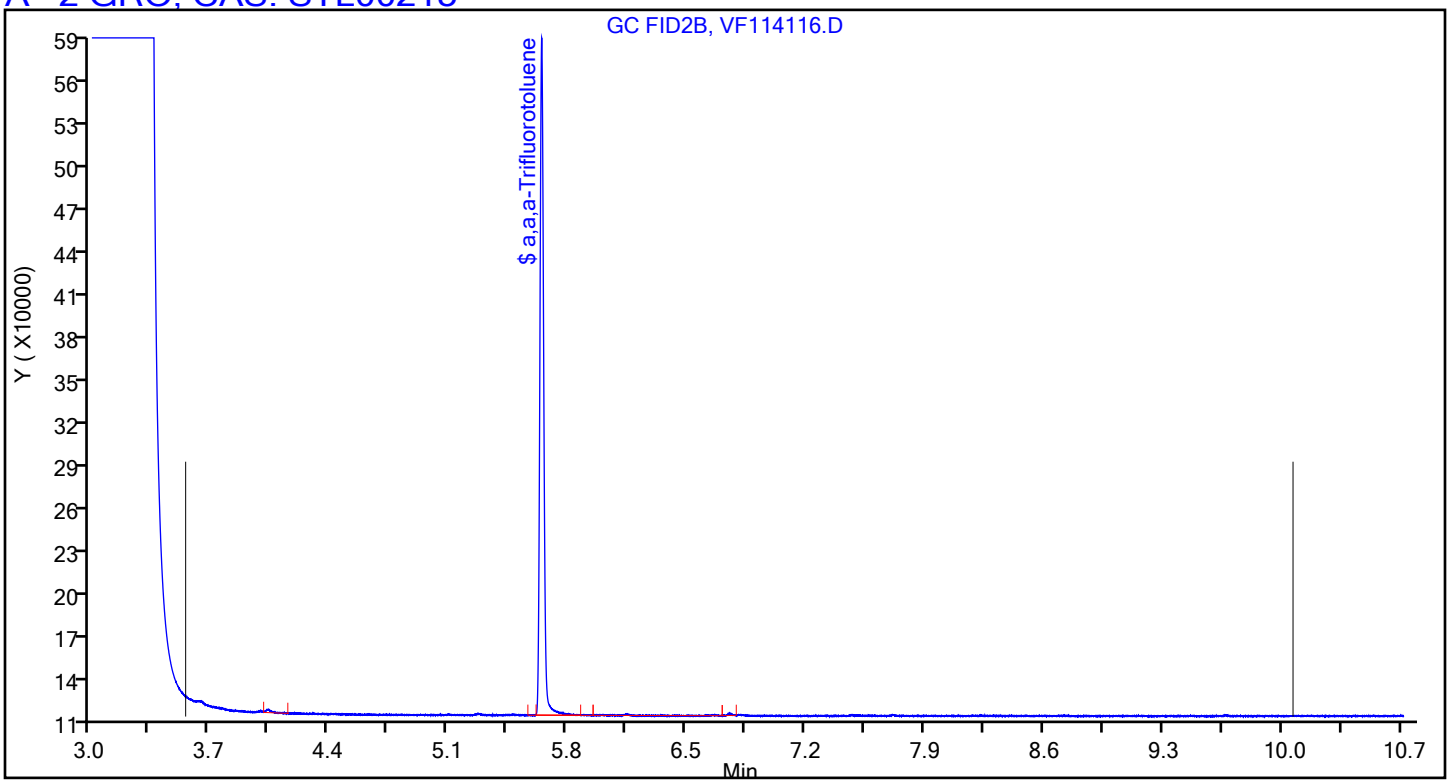
Compound	Amount Added	Amount Recovered	% Rec.
$ 1 a,a,a-Trifluorotoluene	2484.3	61.4	123.64

Report Date: 07-Apr-2022 13:12:30 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114116.D				
Injection Date:	07-Apr-2022 12:48:02	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-4-A	Lab Sample ID:	460-255715-4		
Client ID:	SB-11 (9.5-10)				
Operator ID:	VOAGC1	ALS Bottle#:	10	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		
Column:		Detector	GC FID2B		

A 2 GRO, CAS: STL00215



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-14 (4-5) | Lab Sample ID: 460-255715-5

Matrix: Solid | Lab File ID: VF114117.D

Analysis Method: 8015D | Date Collected: 04/05/2022 10:00

Sample wt/vol: 5.04(g) | Date Analyzed: 04/07/2022 13:16

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 7.7 | Level: (low/med) Medium

Analysis Batch No.: 837797 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	2800	U	2800	2800

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	116		67-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114117.D
Lims ID: 460-255715-C-5-A
Client ID: SB-14 (4-5)
Sample Type: Client
Inject. Date: 07-Apr-2022 13:16:49 ALS Bottle#: 11 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-011
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 08-Apr-2022 05:28:15 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1621

First Level Reviewer: moroneyc Date: 08-Apr-2022 06:04:11

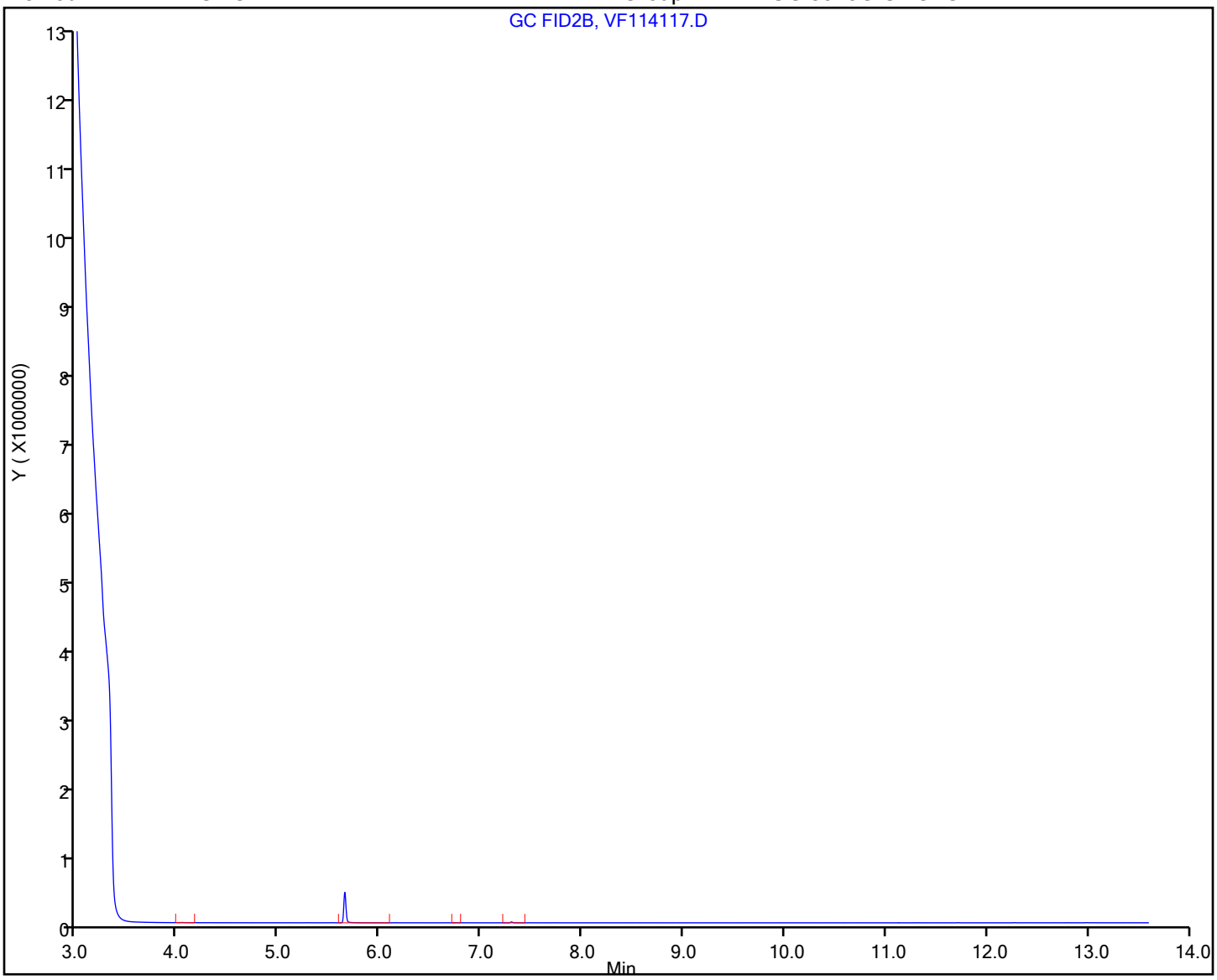
	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.648	5.658	-0.010	32861125	55.6	
A	2 GRO	6.811	(3.552-10.070)		1239249	1.83	

QC Flag Legend
Processing Flags

Report Date: 08-Apr-2022 06:04:53 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114117.D				
Injection Date:	07-Apr-2022 13:16:49	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-5-A	Lab Sample ID:	460-255715-5		
Client ID:	SB-14 (4-5)				
Operator ID:	VOAGC1	ALS Bottle#:	11	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114117.D
Lims ID: 460-255715-C-5-A
Client ID: SB-14 (4-5)
Sample Type: Client
Inject. Date: 07-Apr-2022 13:16:49 ALS Bottle#: 11 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-011
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 08-Apr-2022 05:28:15 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1621

First Level Reviewer: moroneyc Date: 08-Apr-2022 06:04:11

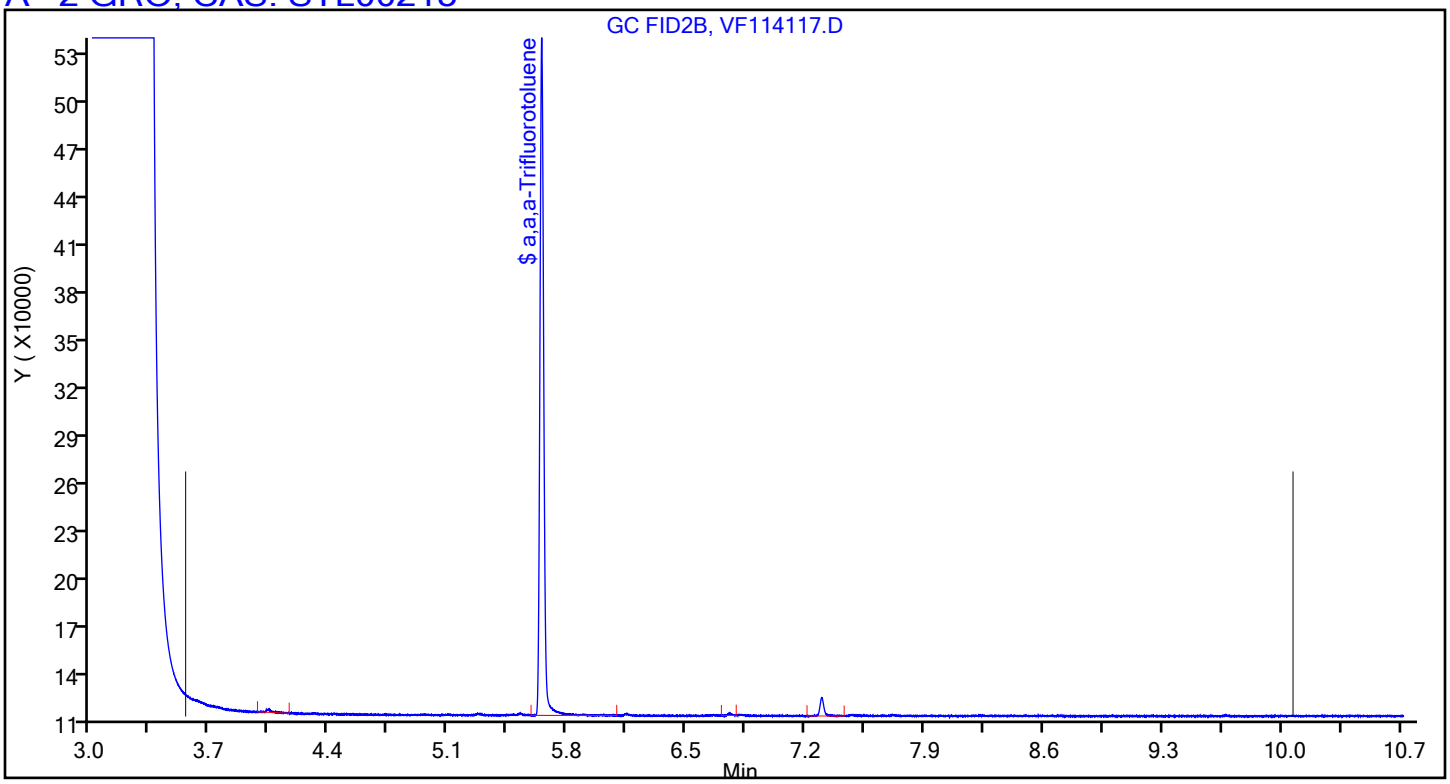
Compound	Amount Added	Amount Recovered	% Rec.
$ 1 a,a,a-Trifluorotoluene	2406.2	55.6	115.58

Report Date: 08-Apr-2022 06:04:53 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114117.D				
Injection Date:	07-Apr-2022 13:16:49	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-5-A	Lab Sample ID:	460-255715-5		
Client ID:	SB-14 (4-5)				
Operator ID:	VOAGC1	ALS Bottle#:	11	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		
Column:		Detector	GC FID2B		

A 2 GRO, CAS: STL00215



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-14 (6-10) | Lab Sample ID: 460-255715-6

Matrix: Solid | Lab File ID: VF114118.D

Analysis Method: 8015D | Date Collected: 04/05/2022 10:10

Sample wt/vol: 4.65(g) | Date Analyzed: 04/07/2022 13:45

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.3 | Level: (low/med) Medium

Analysis Batch No.: 837797 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	2900	U	2900	2900

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	104		67-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114118.D
Lims ID: 460-255715-C-6-A
Client ID: SB-14 (6-10)
Sample Type: Client
Inject. Date: 07-Apr-2022 13:45:30 ALS Bottle#: 12 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-012
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 08-Apr-2022 05:28:15 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

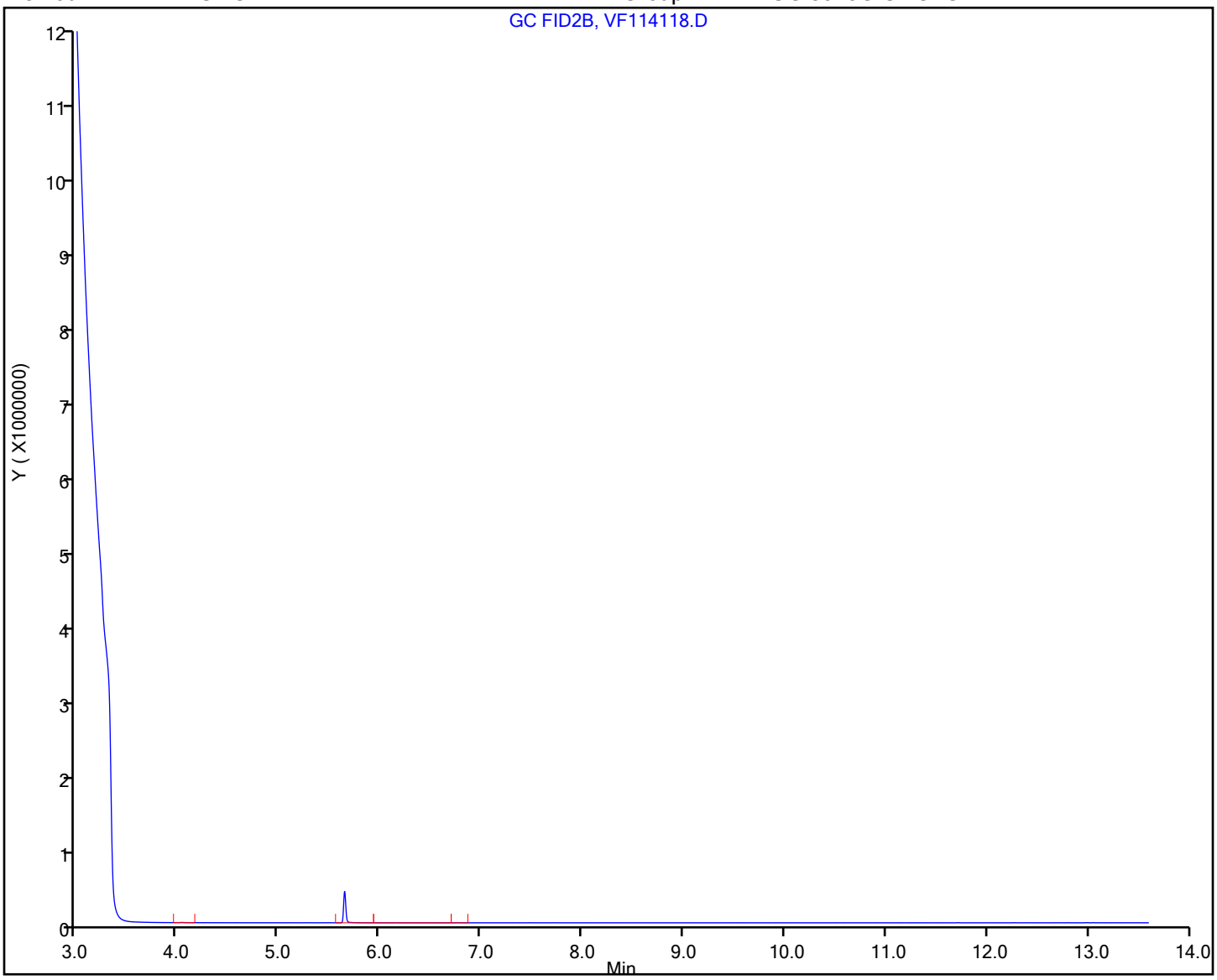
Column 1 : Det: GC FID2B
Process Host: CTX1621

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.646	5.658	-0.012	30056765	50.9	
A	2 GRO	6.811	(3.552-10.070)		551539	0.8159	

Report Date: 08-Apr-2022 06:04:54 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114118.D				
Injection Date:	07-Apr-2022 13:45:30	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-6-A	Lab Sample ID:	460-255715-6		
Client ID:	SB-14 (6-10)				
Operator ID:	VOAGC1	ALS Bottle#:	12	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114118.D
Lims ID: 460-255715-C-6-A
Client ID: SB-14 (6-10)
Sample Type: Client
Inject. Date: 07-Apr-2022 13:45:30 ALS Bottle#: 12 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-012
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 08-Apr-2022 05:28:15 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1621

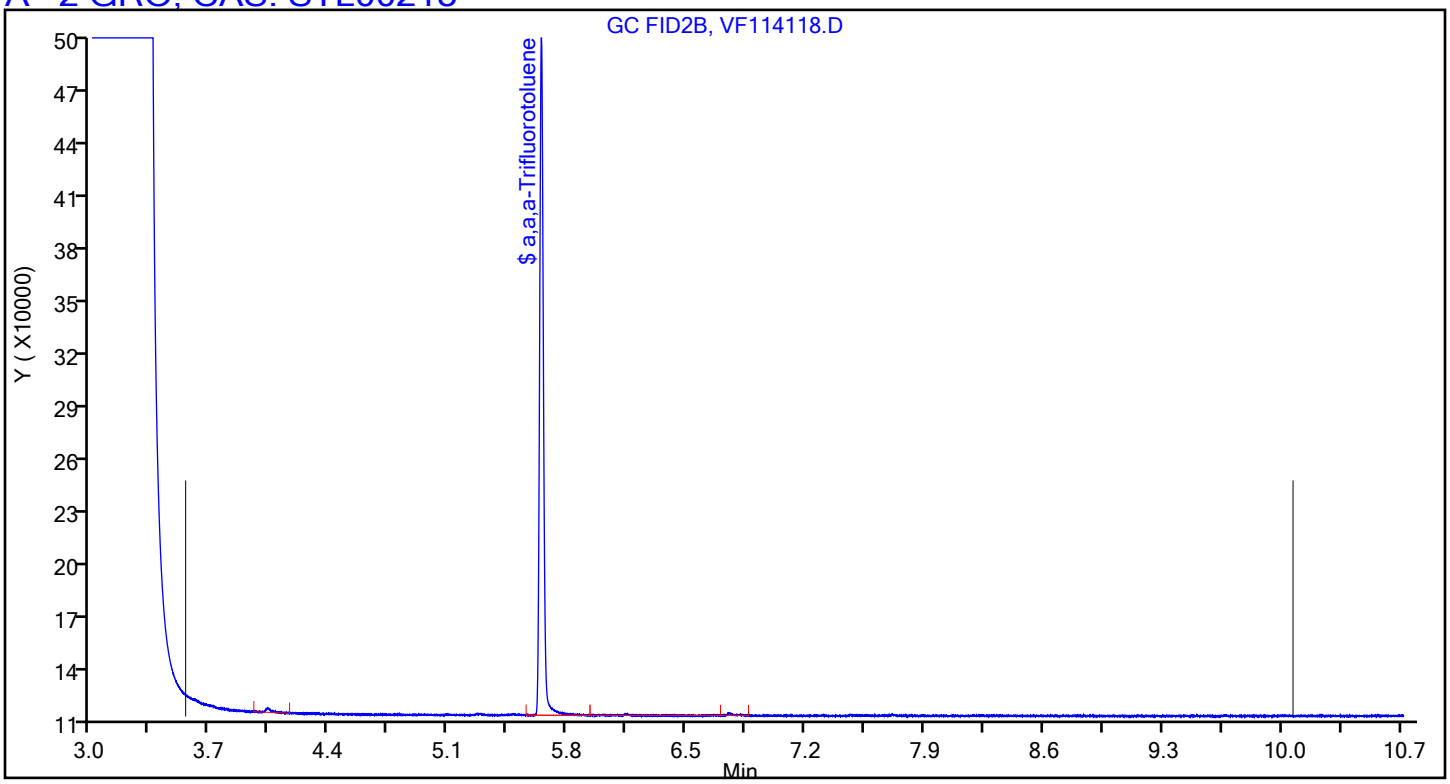
Compound	Amount Added	Amount Recovered	% Rec.
$ 1 a,a,a-Trifluorotoluene	2439.8	50.9	104.26

Report Date: 08-Apr-2022 06:04:54 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114118.D				
Injection Date:	07-Apr-2022 13:45:30	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-6-A	Lab Sample ID:	460-255715-6		
Client ID:	SB-14 (6-10)				
Operator ID:	VOAGC1	ALS Bottle#:	12	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		
Column:		Detector	GC FID2B		

A 2 GRO, CAS: STL00215



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-15 (3-5) | Lab Sample ID: 460-255715-7

Matrix: Solid | Lab File ID: VF114119.D

Analysis Method: 8015D | Date Collected: 04/05/2022 10:45

Sample wt/vol: 5.81(g) | Date Analyzed: 04/07/2022 14:14

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 14.1 | Level: (low/med) Medium

Analysis Batch No.: 837797 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	2700	U	2700	2700

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	119		67-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114119.D
Lims ID: 460-255715-C-7-A
Client ID: SB-15 (3-5)
Sample Type: Client
Inject. Date: 07-Apr-2022 14:14:14 ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-013
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 08-Apr-2022 05:28:15 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

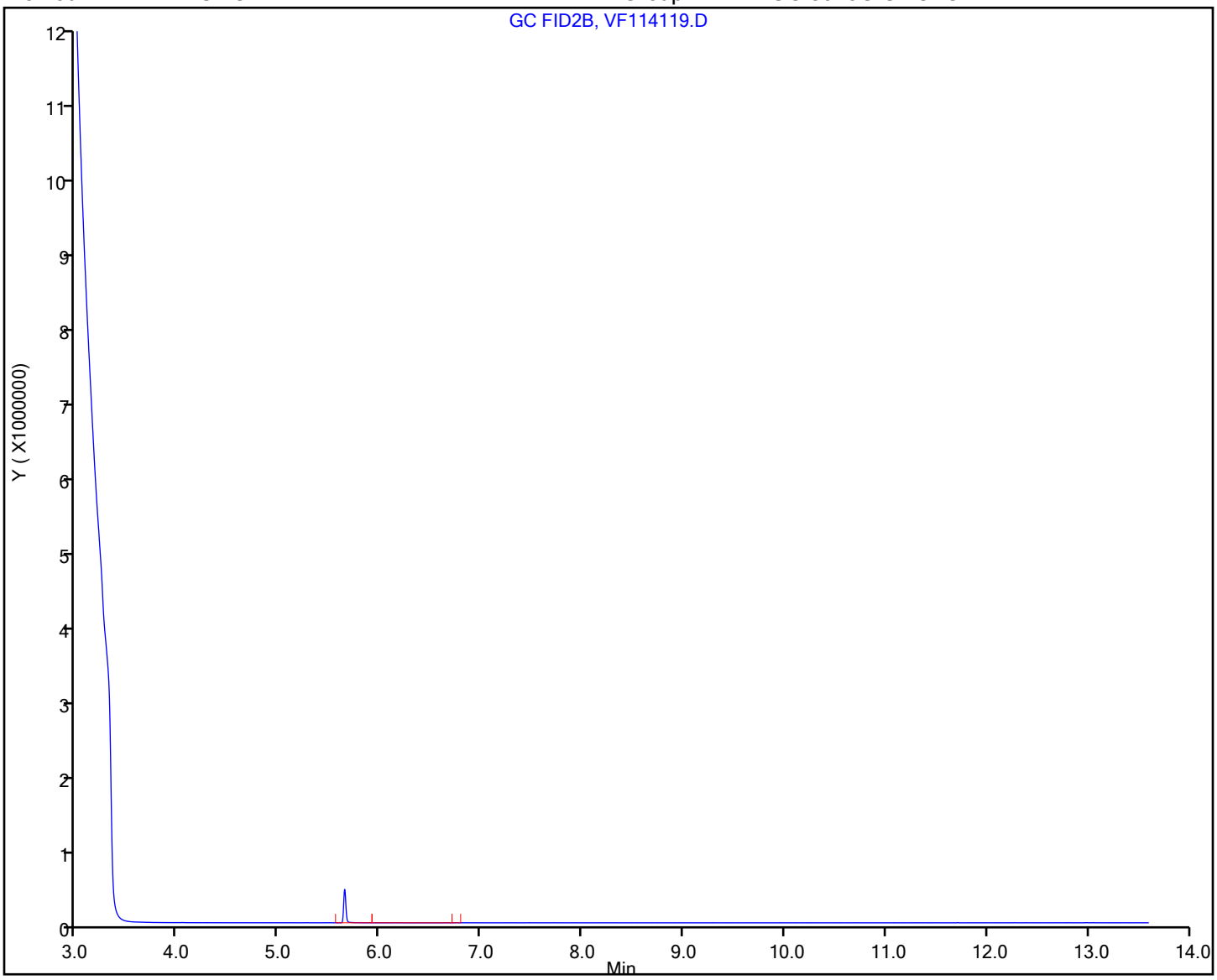
Column 1 : Det: GC FID2B
Process Host: CTX1621

Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 1 a,a,a-Trifluorotoluene	5.647	5.658	-0.011	32546878	55.1	

Report Date: 08-Apr-2022 06:04:54 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114119.D				
Injection Date:	07-Apr-2022 14:14:14	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-7-A	Lab Sample ID:	460-255715-7		
Client ID:	SB-15 (3-5)				
Operator ID:	VOAGC1	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114119.D
Lims ID: 460-255715-C-7-A
Client ID: SB-15 (3-5)
Sample Type: Client
Inject. Date: 07-Apr-2022 14:14:14 ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-013
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 08-Apr-2022 05:28:15 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1621

Compound	Amount Added	Amount Recovered	% Rec.
$ 1 a,a,a-Trifluorotoluene	2311.3	55.1	119.18

FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-15 (12-13) | Lab Sample ID: 460-255715-8

Matrix: Solid | Lab File ID: VF114120.D

Analysis Method: 8015D | Date Collected: 04/05/2022 11:00

Sample wt/vol: 4.23(g) | Date Analyzed: 04/07/2022 14:43

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-5MS | ID: 0.25(mm)

% Moisture: 13.6 | Level: (low/med) Medium

Analysis Batch No.: 837797 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	3600	U	3600	3600

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	116		67-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114120.D
Lims ID: 460-255715-C-8-A
Client ID: SB-15 (12-13)
Sample Type: Client
Inject. Date: 07-Apr-2022 14:43:16 ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-014
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 08-Apr-2022 05:28:15 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

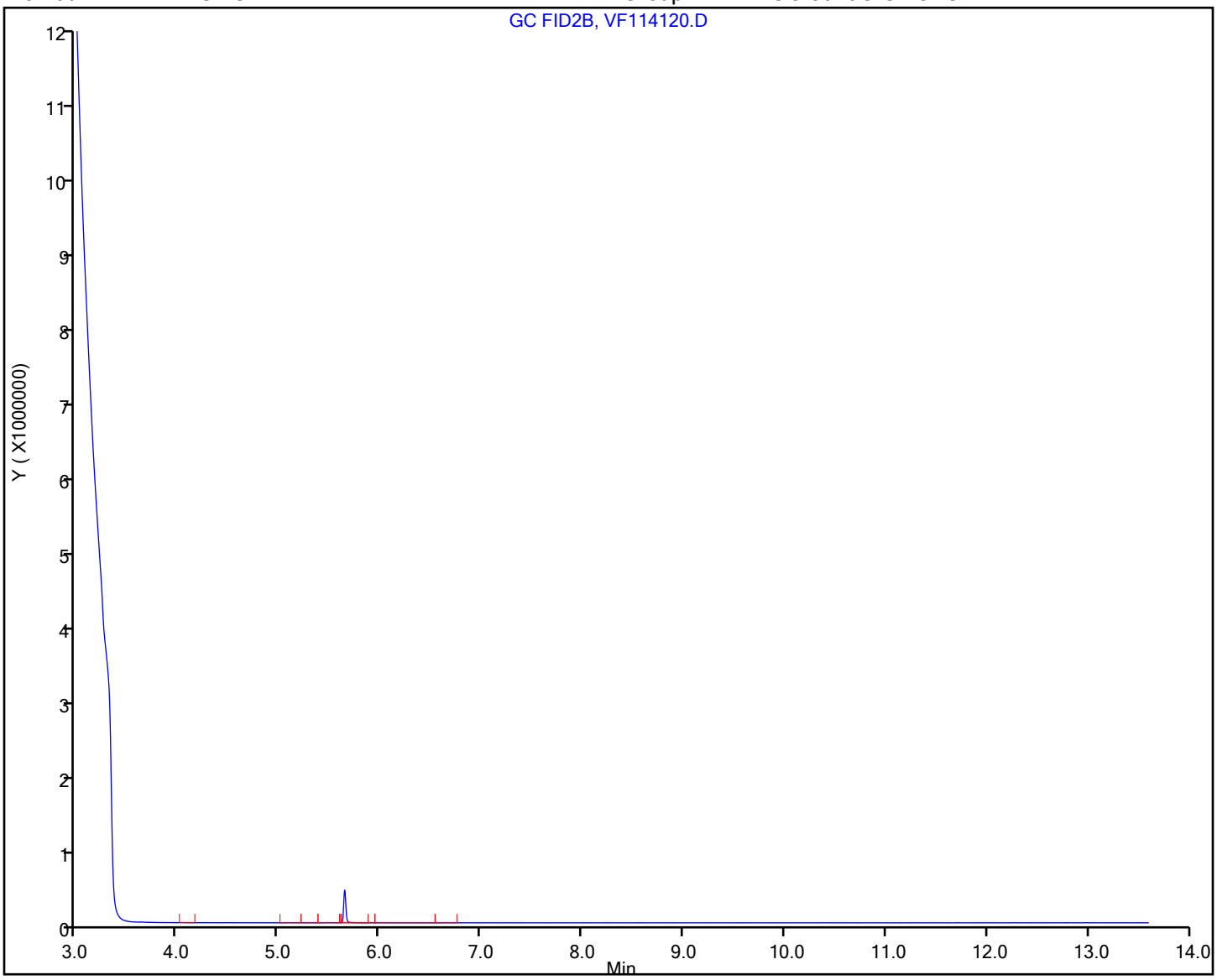
Column 1 : Det: GC FID2B
Process Host: CTX1621

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.647	5.658	-0.011	32511204	55.0	
A	2 GRO	6.811	(3.552-10.070)		1132036	1.67	

Report Date: 08-Apr-2022 06:04:54 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114120.D				
Injection Date:	07-Apr-2022 14:43:16	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-8-A	Lab Sample ID:	460-255715-8		
Client ID:	SB-15 (12-13)				
Operator ID:	VOAGC1	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114120.D
Lims ID: 460-255715-C-8-A
Client ID: SB-15 (12-13)
Sample Type: Client
Inject. Date: 07-Apr-2022 14:43:16 ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-014
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 08-Apr-2022 05:28:15 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1621

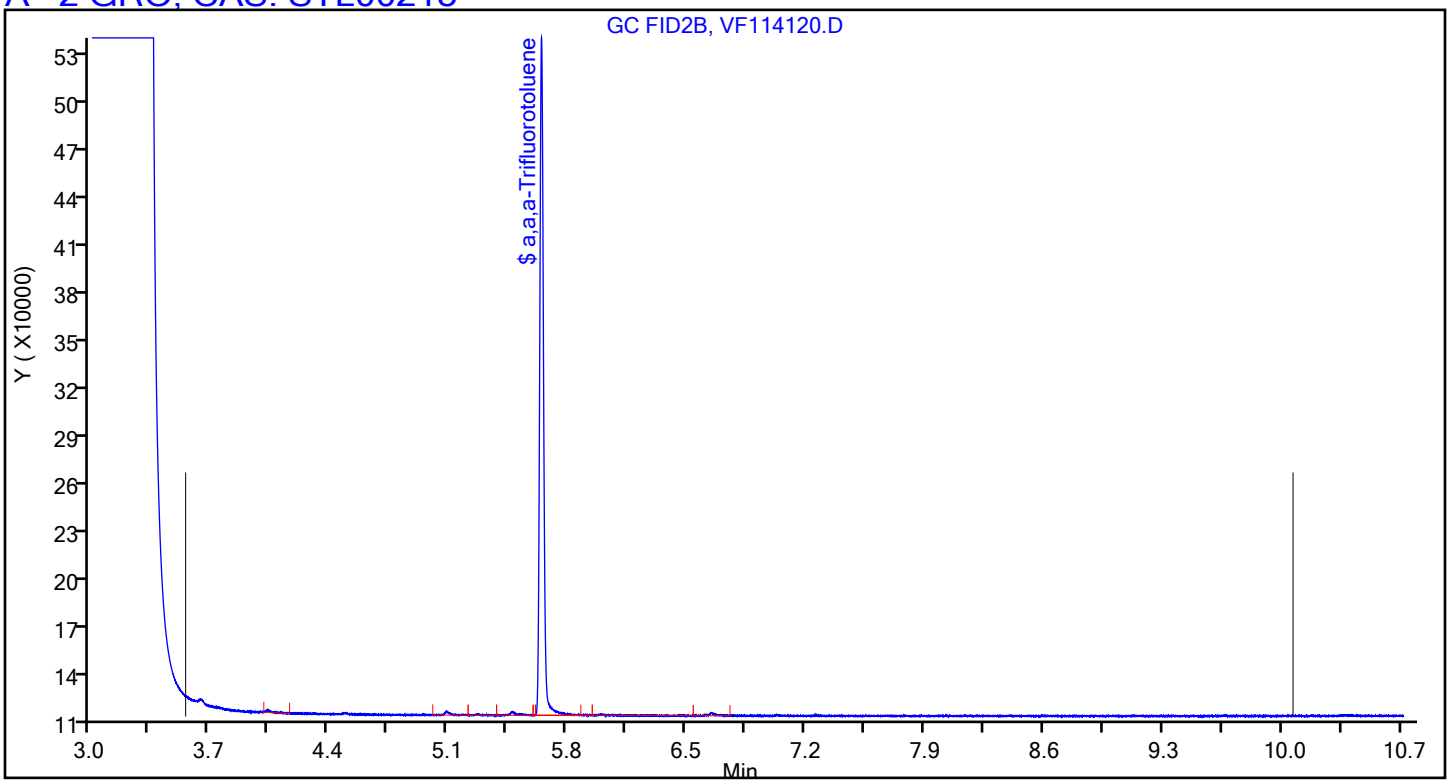
Compound	Amount Added	Amount Recovered	% Rec.
$ 1 a,a,a-Trifluorotoluene	2364.3	55.0	116.38

Report Date: 08-Apr-2022 06:04:55 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114120.D				
Injection Date:	07-Apr-2022 14:43:16	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-8-A	Lab Sample ID:	460-255715-8		
Client ID:	SB-15 (12-13)				
Operator ID:	VOAGC1	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		
Column:		Detector	GC FID2B		

A 2 GRO, CAS: STL00215



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-9 (4-5) | Lab Sample ID: 460-255715-9

Matrix: Solid | Lab File ID: VF114121.D

Analysis Method: 8015D | Date Collected: 04/05/2022 11:20

Sample wt/vol: 4.25(g) | Date Analyzed: 04/07/2022 15:12

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 0.5 | Level: (low/med) Medium

Analysis Batch No.: 837797 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	3000	U	3000	3000

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	112		67-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114121.D
Lims ID: 460-255715-C-9-A
Client ID: SB-9 (4-5)
Sample Type: Client
Inject. Date: 07-Apr-2022 15:12:40 ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-015
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 08-Apr-2022 05:28:15 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

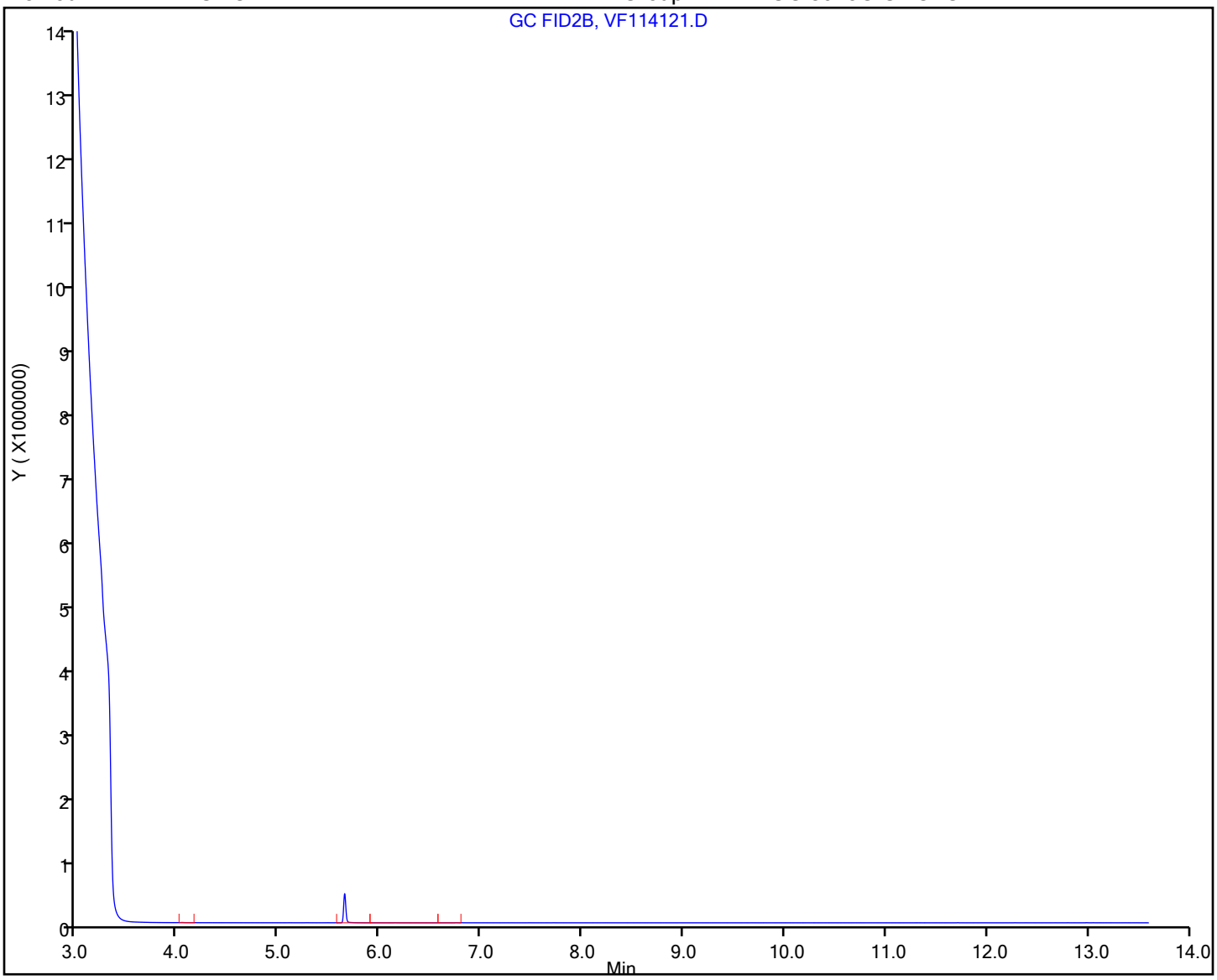
Column 1 : Det: GC FID2B
Process Host: CTX1621

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.647	5.658	-0.011	33143746	56.1	
A	2 GRO	6.811	(3.552-10.070)		497821	0.7364	

Report Date: 08-Apr-2022 06:04:55 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114121.D				
Injection Date:	07-Apr-2022 15:12:40	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-9-A	Lab Sample ID:	460-255715-9		
Client ID:	SB-9 (4-5)				
Operator ID:	VOAGC1	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114121.D
Lims ID: 460-255715-C-9-A
Client ID: SB-9 (4-5)
Sample Type: Client
Inject. Date: 07-Apr-2022 15:12:40 ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-015
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 08-Apr-2022 05:28:15 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1621

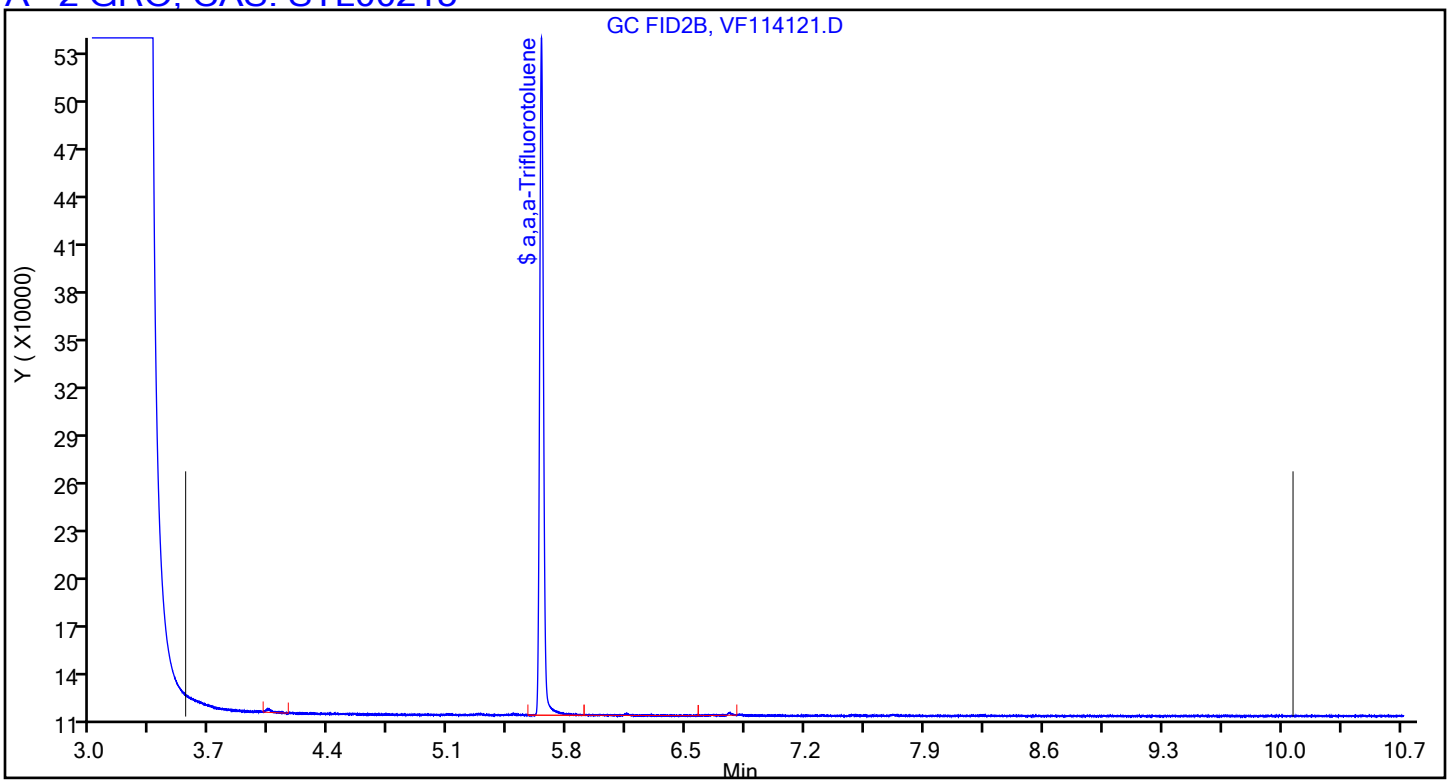
Compound	Amount Added	Amount Recovered	% Rec.
$ 1 a,a,a-Trifluorotoluene	2495.1	56.1	112.42

Report Date: 08-Apr-2022 06:04:55 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114121.D				
Injection Date:	07-Apr-2022 15:12:40	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-9-A	Lab Sample ID:	460-255715-9		
Client ID:	SB-9 (4-5)				
Operator ID:	VOAGC1	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		
Column:		Detector	GC FID2B		

A 2 GRO, CAS: STL00215



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-12 (0-5) | Lab Sample ID: 460-255715-10

Matrix: Solid | Lab File ID: VF114122.D

Analysis Method: 8015D | Date Collected: 04/05/2022 12:00

Sample wt/vol: 4.42(g) | Date Analyzed: 04/07/2022 15:42

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 11.2 | Level: (low/med) Medium

Analysis Batch No.: 837797 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	3300	U	3300	3300

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	120		67-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114122.D
Lims ID: 460-255715-C-10-A
Client ID: SB-12 (0-5)
Sample Type: Client
Inject. Date: 07-Apr-2022 15:42:41 ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-016
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 08-Apr-2022 05:28:15 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

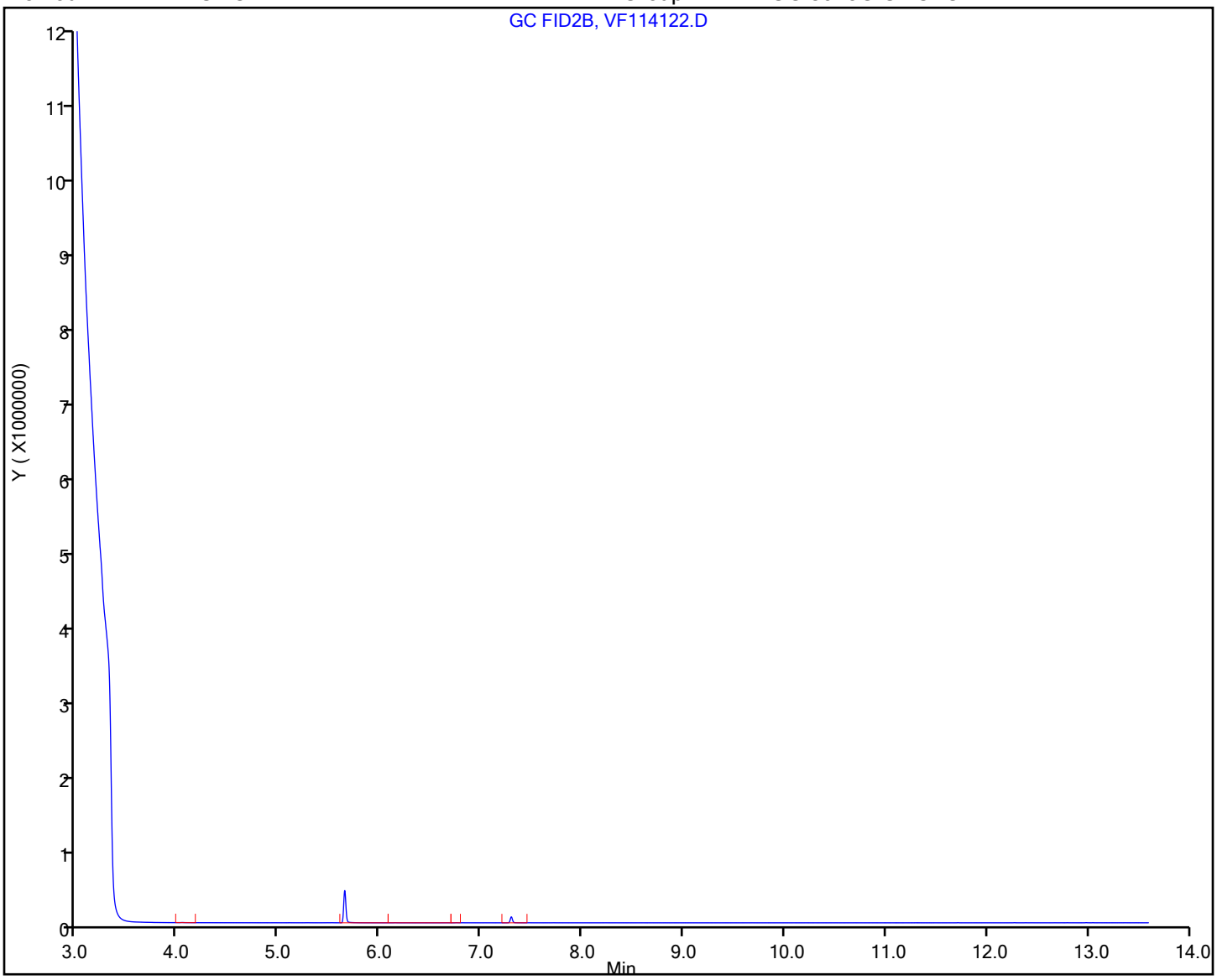
Column 1 : Det: GC FID2B
Process Host: CTX1621

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.647	5.658	-0.011	33710091	57.1	
A	2 GRO	6.811	(3.552-10.070)		6574319	9.73	

Report Date: 08-Apr-2022 06:04:55 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114122.D				
Injection Date:	07-Apr-2022 15:42:41	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-10-A	Lab Sample ID:	460-255715-10		
Client ID:	SB-12 (0-5)				
Operator ID:	VOAGC1	ALS Bottle#:	16	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114122.D
Lims ID: 460-255715-C-10-A
Client ID: SB-12 (0-5)
Sample Type: Client
Inject. Date: 07-Apr-2022 15:42:41 ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-016
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 08-Apr-2022 05:28:15 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1621

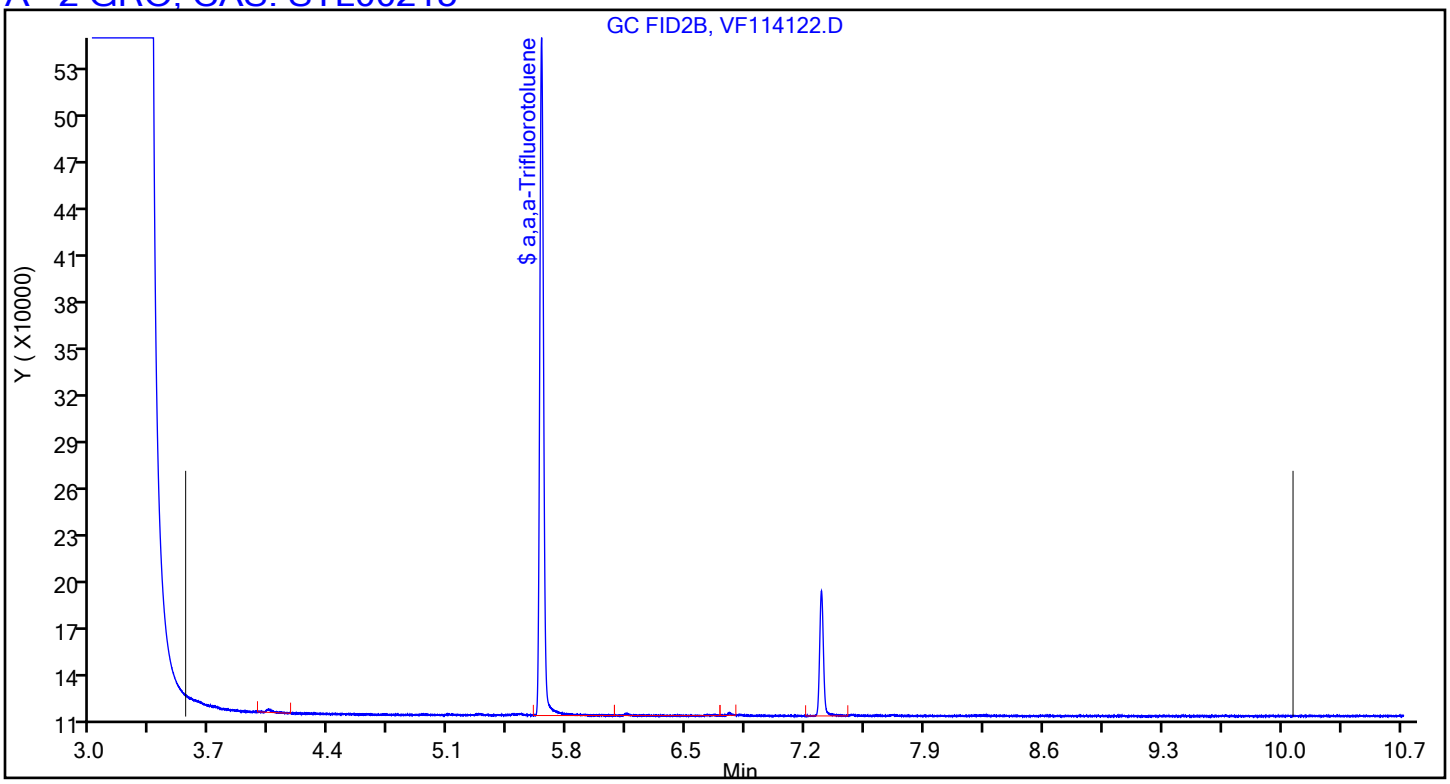
Compound	Amount Added	Amount Recovered	% Rec.
$ 1 a,a,a-Trifluorotoluene	2382.3	57.1	119.76

Report Date: 08-Apr-2022 06:04:55 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114122.D				
Injection Date:	07-Apr-2022 15:42:41	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-10-A	Lab Sample ID:	460-255715-10		
Client ID:	SB-12 (0-5)				
Operator ID:	VOAGC1	ALS Bottle#:	16	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		
Column:		Detector	GC FID2B		

A 2 GRO, CAS: STL00215



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-12 (7-8) | Lab Sample ID: 460-255715-11

Matrix: Solid | Lab File ID: VF114125.D

Analysis Method: 8015D | Date Collected: 04/05/2022 11:50

Sample wt/vol: 5.49(g) | Date Analyzed: 04/07/2022 17:11

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 15.2 | Level: (low/med) Medium

Analysis Batch No.: 837797 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	2900	U	2900	2900

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	123		67-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114125.D
Lims ID: 460-255715-C-11-A
Client ID: SB-12 (7-8)
Sample Type: Client
Inject. Date: 07-Apr-2022 17:11:11 ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-019
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 08-Apr-2022 06:04:56 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

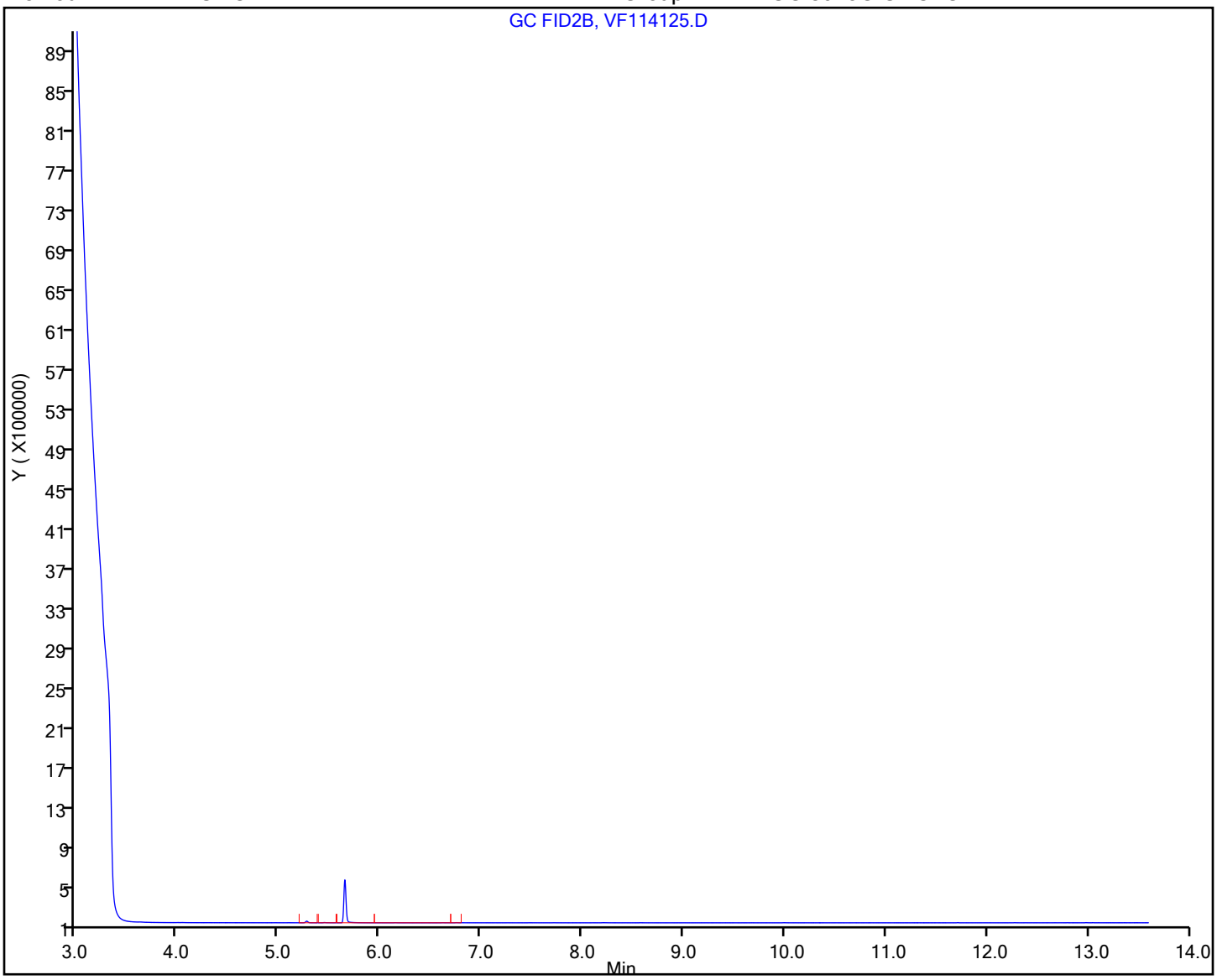
Column 1 : Det: GC FID2B
Process Host: CTX1621

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.649	5.658	-0.009	33616764	56.9	
A	2 GRO	6.811	(3.552-10.070)		1809240	2.68	

Report Date: 08-Apr-2022 06:04:56 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114125.D				
Injection Date:	07-Apr-2022 17:11:11	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-11-A	Lab Sample ID:	460-255715-11		
Client ID:	SB-12 (7-8)				
Operator ID:	VOAGC1	ALS Bottle#:	19	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114125.D
Lims ID: 460-255715-C-11-A
Client ID: SB-12 (7-8)
Sample Type: Client
Inject. Date: 07-Apr-2022 17:11:11 ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-019
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 08-Apr-2022 06:04:56 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1621

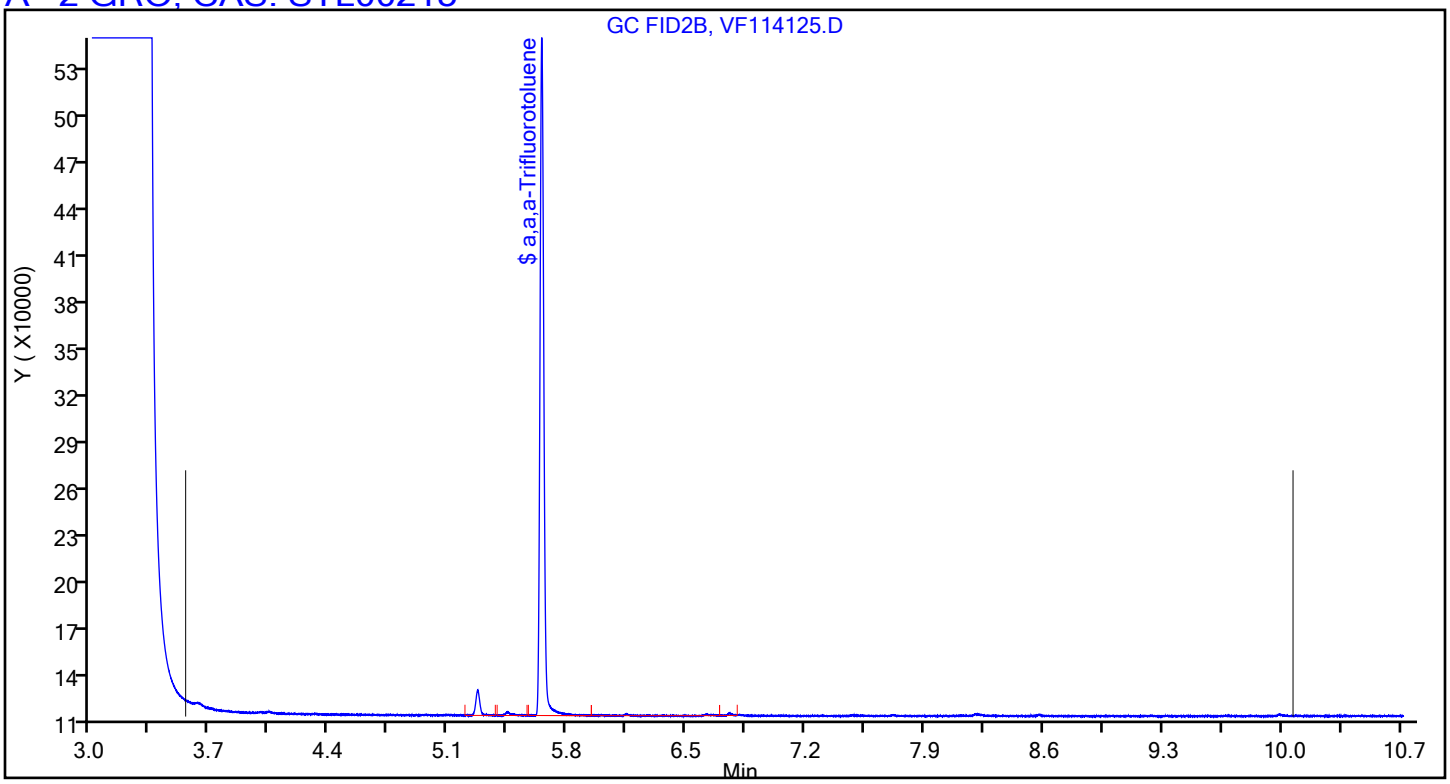
Compound	Amount Added	Amount Recovered	% Rec.
$ 1 a,a,a-Trifluorotoluene	2307.8	56.9	123.28

Report Date: 08-Apr-2022 06:04:56 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114125.D				
Injection Date:	07-Apr-2022 17:11:11	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-11-A	Lab Sample ID:	460-255715-11		
Client ID:	SB-12 (7-8)				
Operator ID:	VOAGC1	ALS Bottle#:	19	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		
Column:		Detector	GC FID2B		

A 2 GRO, CAS: STL00215



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-10(2.5-5) | Lab Sample ID: 460-255715-12

Matrix: Solid | Lab File ID: VF114126.D

Analysis Method: 8015D | Date Collected: 04/05/2022 12:30

Sample wt/vol: 3.8(g) | Date Analyzed: 04/07/2022 17:41

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.3 | Level: (low/med) Medium

Analysis Batch No.: 837797 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	3500	U	3500	3500

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	121		67-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114126.D
Lims ID: 460-255715-C-12-A
Client ID: SB-10 (7-7.5)
Sample Type: Client
Inject. Date: 07-Apr-2022 17:41:31 ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-020
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 08-Apr-2022 06:04:56 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

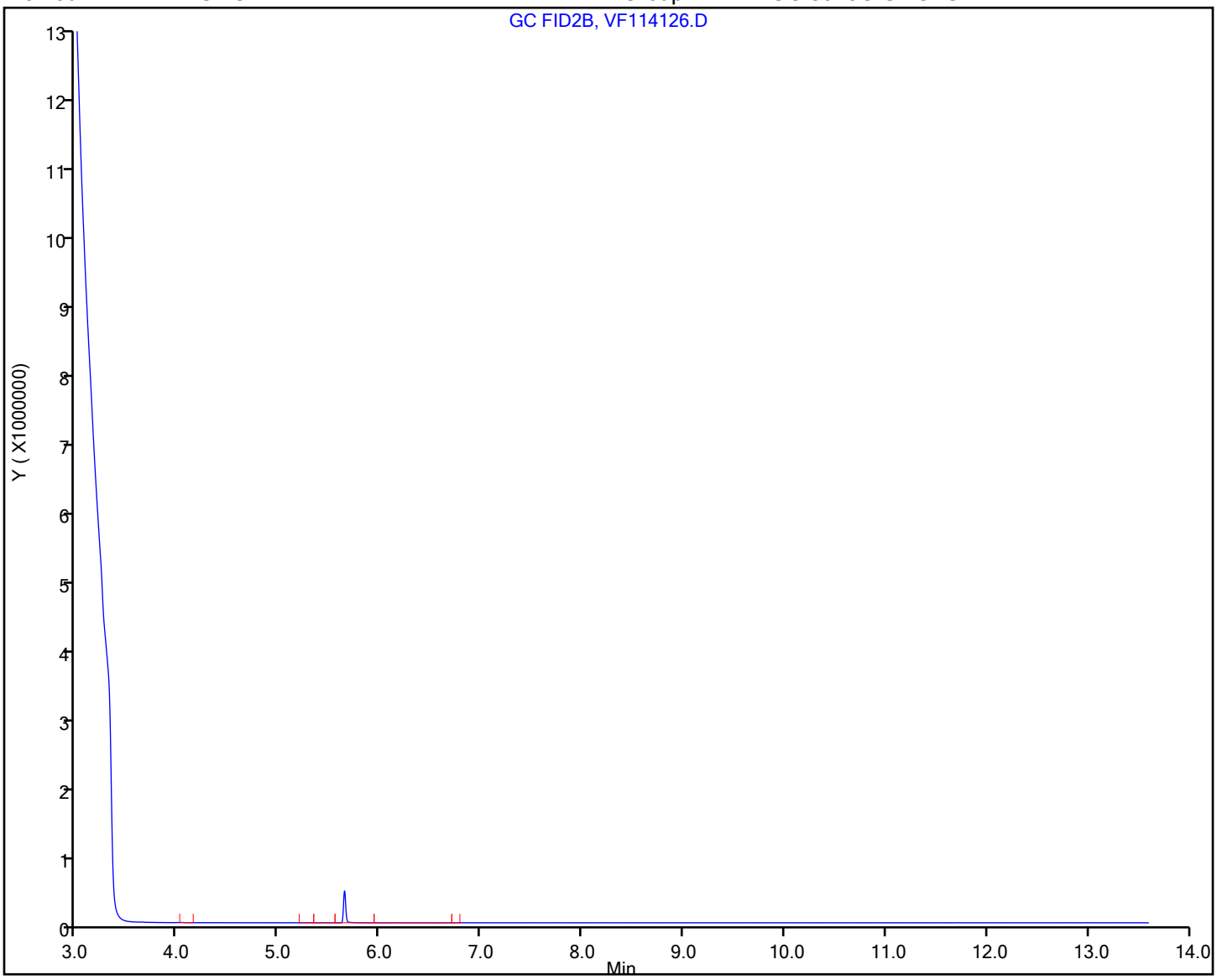
Column 1 : Det: GC FID2B
Process Host: CTX1621

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.645	5.658	-0.013	35103323	59.4	
A	2 GRO	6.811	(3.552-10.070)		564830	0.8356	

Report Date: 08-Apr-2022 06:04:57 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114126.D				
Injection Date:	07-Apr-2022 17:41:31	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-12-A	Lab Sample ID:	460-255715-12		
Client ID:	SB-10 (7-7.5)				
Operator ID:	VOAGC1	ALS Bottle#:	20	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114126.D
Lims ID: 460-255715-C-12-A
Client ID: SB-10 (7-7.5)
Sample Type: Client
Inject. Date: 07-Apr-2022 17:41:31 ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-020
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 08-Apr-2022 06:04:56 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1621

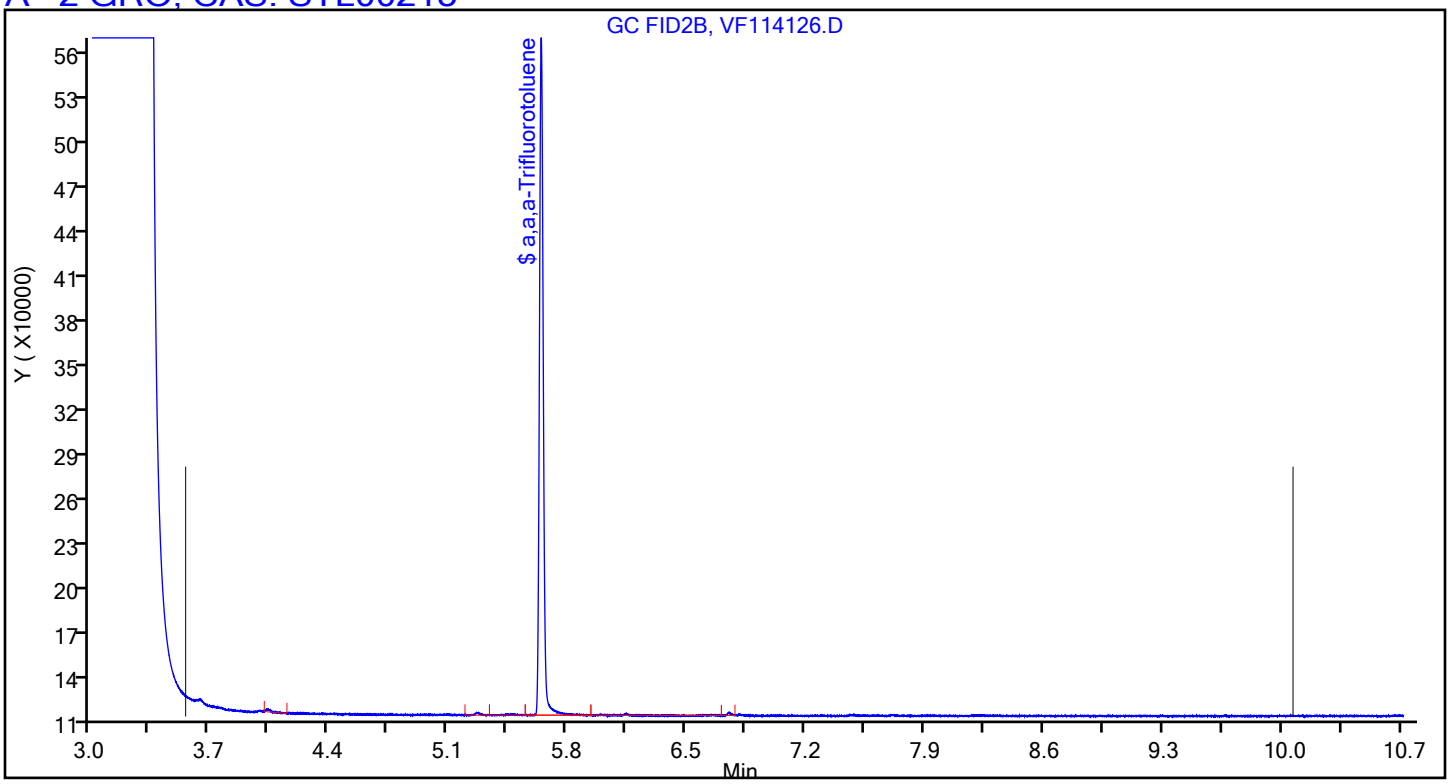
Compound	Amount Added	Amount Recovered	% Rec.
$ 1 a,a,a-Trifluorotoluene	2450.8	59.4	121.22

Report Date: 08-Apr-2022 06:04:57 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114126.D				
Injection Date:	07-Apr-2022 17:41:31	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-12-A	Lab Sample ID:	460-255715-12		
Client ID:	SB-10 (7-7.5)				
Operator ID:	VOAGC1	ALS Bottle#:	20	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		
Column:		Detector	GC FID2B		

A 2 GRO, CAS: STL00215



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-13 (2-2.5) | Lab Sample ID: 460-255715-13

Matrix: Solid | Lab File ID: VF114127.D

Analysis Method: 8015D | Date Collected: 04/05/2022 12:55

Sample wt/vol: 4.44(g) | Date Analyzed: 04/07/2022 18:11

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.9 | Level: (low/med) Medium

Analysis Batch No.: 837797 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	3000	U	3000	3000

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	124		67-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114127.D
Lims ID: 460-255715-C-13-A
Client ID: SB-13 (2-2.5)
Sample Type: Client
Inject. Date: 07-Apr-2022 18:11:28 ALS Bottle#: 21 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-021
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 08-Apr-2022 06:04:56 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

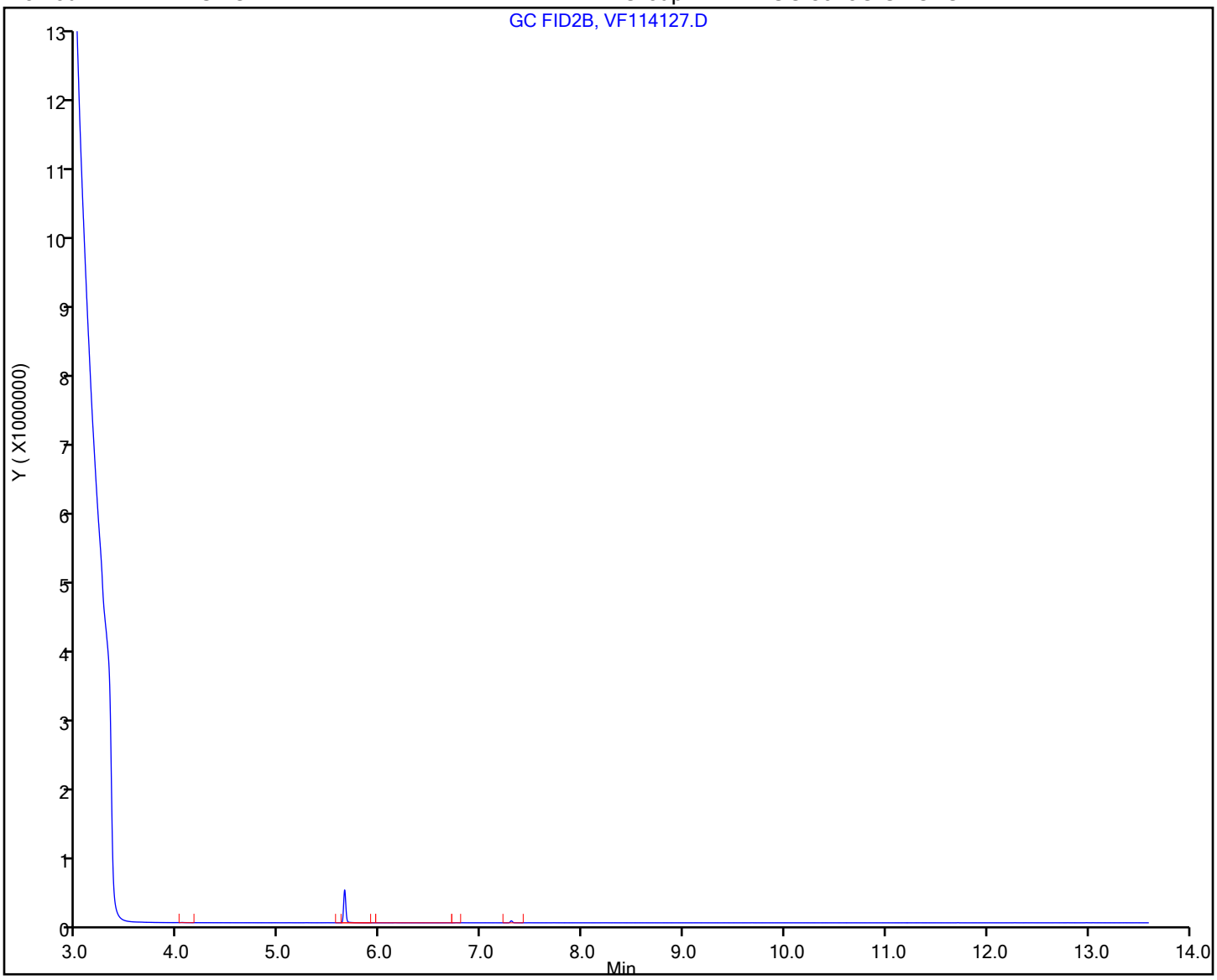
Column 1 : Det: GC FID2B
Process Host: CTX1621

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.647	5.658	-0.011	35784646	60.6	
A	2 GRO	6.811	(3.552-10.070)		2776791	4.11	

Report Date: 08-Apr-2022 06:04:57 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114127.D				
Injection Date:	07-Apr-2022 18:11:28	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-13-A	Lab Sample ID:	460-255715-13		
Client ID:	SB-13 (2-2.5)				
Operator ID:	VOAGC1	ALS Bottle#:	21	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114127.D
Lims ID: 460-255715-C-13-A
Client ID: SB-13 (2-2.5)
Sample Type: Client
Inject. Date: 07-Apr-2022 18:11:28 ALS Bottle#: 21 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-021
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 08-Apr-2022 06:04:56 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1621

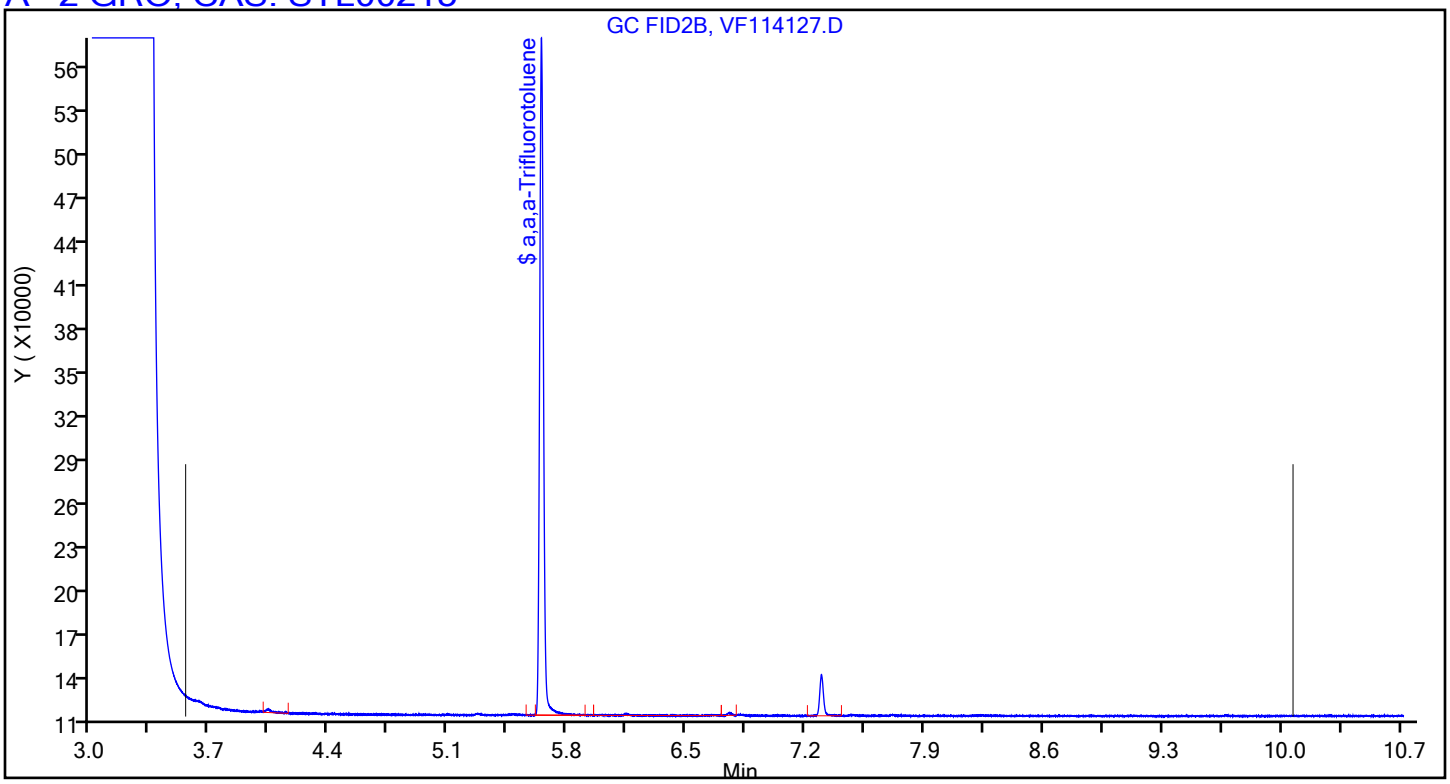
Compound	Amount Added	Amount Recovered	% Rec.
$ 1 a,a,a-Trifluorotoluene	2446.6	60.6	123.79

Report Date: 08-Apr-2022 06:04:57 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114127.D				
Injection Date:	07-Apr-2022 18:11:28	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-13-A	Lab Sample ID:	460-255715-13		
Client ID:	SB-13 (2-2.5)				
Operator ID:	VOAGC1	ALS Bottle#:	21	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		
Column:		Detector	GC FID2B		

A 2 GRO, CAS: STL00215



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-13 (7-7.5) | Lab Sample ID: 460-255715-14

Matrix: Solid | Lab File ID: VF114128.D

Analysis Method: 8015D | Date Collected: 04/05/2022 13:00

Sample wt/vol: 5.83(g) | Date Analyzed: 04/07/2022 18:41

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 15.9 | Level: (low/med) Medium

Analysis Batch No.: 837797 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	2800	U	2800	2800

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	114		67-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114128.D
Lims ID: 460-255715-C-14-A
Client ID: SB-13 (7-7.5)
Sample Type: Client
Inject. Date: 07-Apr-2022 18:41:27 ALS Bottle#: 22 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-022
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 08-Apr-2022 06:04:56 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

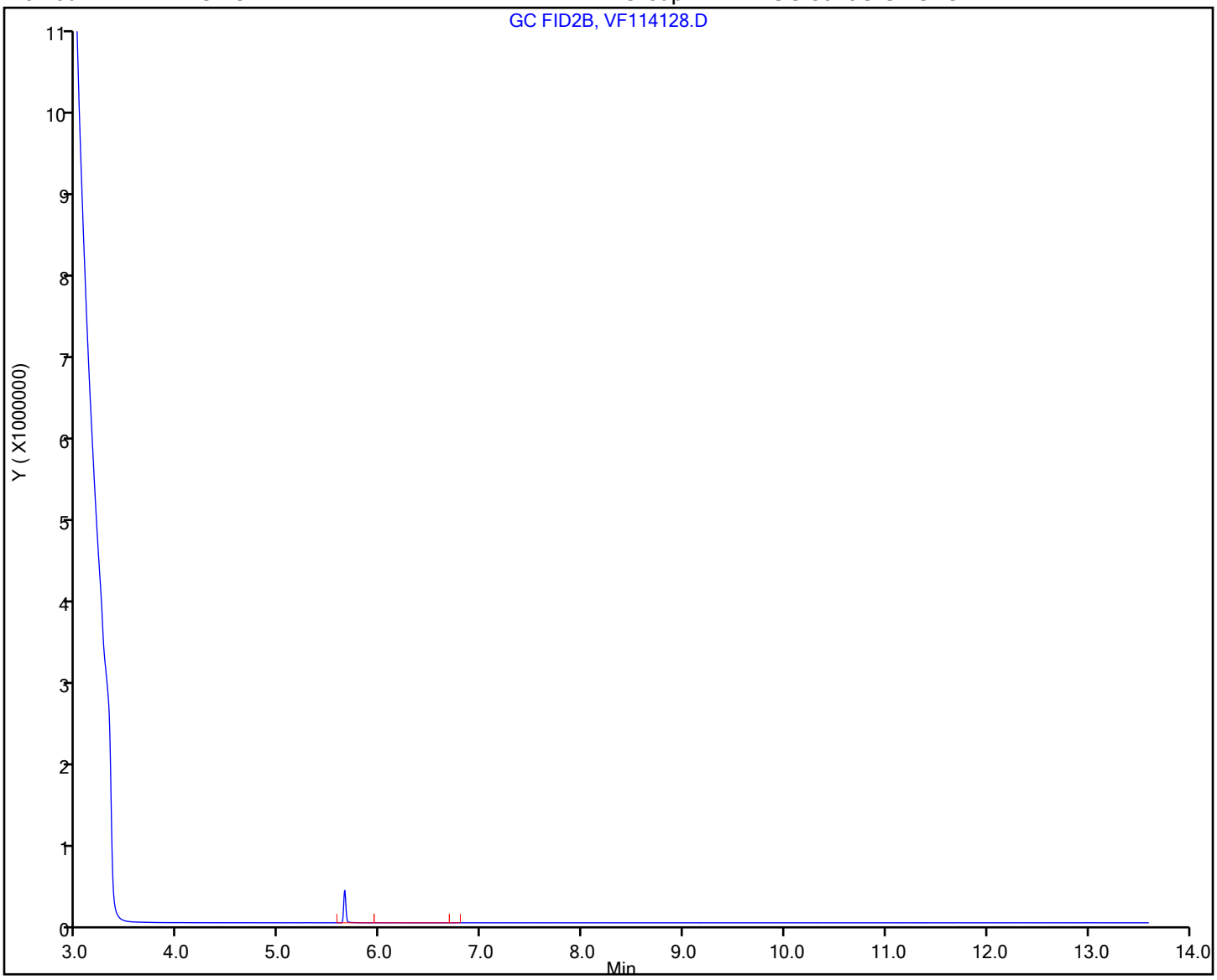
Column 1 : Det: GC FID2B
Process Host: CTX1621

Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 1 a,a,a-Trifluorotoluene	5.647	5.658	-0.011	30889755	52.3	

Report Date: 08-Apr-2022 06:04:58 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114128.D				
Injection Date:	07-Apr-2022 18:41:27	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-14-A	Lab Sample ID:	460-255715-14		
Client ID:	SB-13 (7-7.5)				
Operator ID:	VOAGC1	ALS Bottle#:	22	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114128.D
Lims ID: 460-255715-C-14-A
Client ID: SB-13 (7-7.5)
Sample Type: Client
Inject. Date: 07-Apr-2022 18:41:27 ALS Bottle#: 22 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-022
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 08-Apr-2022 06:04:56 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1621

Compound	Amount Added	Amount Recovered	% Rec.
$ 1 a,a,a-Trifluorotoluene	2288.2	52.3	114.25

FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-16 (3-5) | Lab Sample ID: 460-255715-15

Matrix: Solid | Lab File ID: VF114129.D

Analysis Method: 8015D | Date Collected: 04/05/2022 13:20

Sample wt/vol: 4.62(g) | Date Analyzed: 04/07/2022 19:10

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 8.8 | Level: (low/med) Medium

Analysis Batch No.: 837797 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	3100	U	3100	3100

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	103		67-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114129.D
Lims ID: 460-255715-C-15-A
Client ID: SB-16 (3-5)
Sample Type: Client
Inject. Date: 07-Apr-2022 19:10:32 ALS Bottle#: 23 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-023
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 08-Apr-2022 06:04:56 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

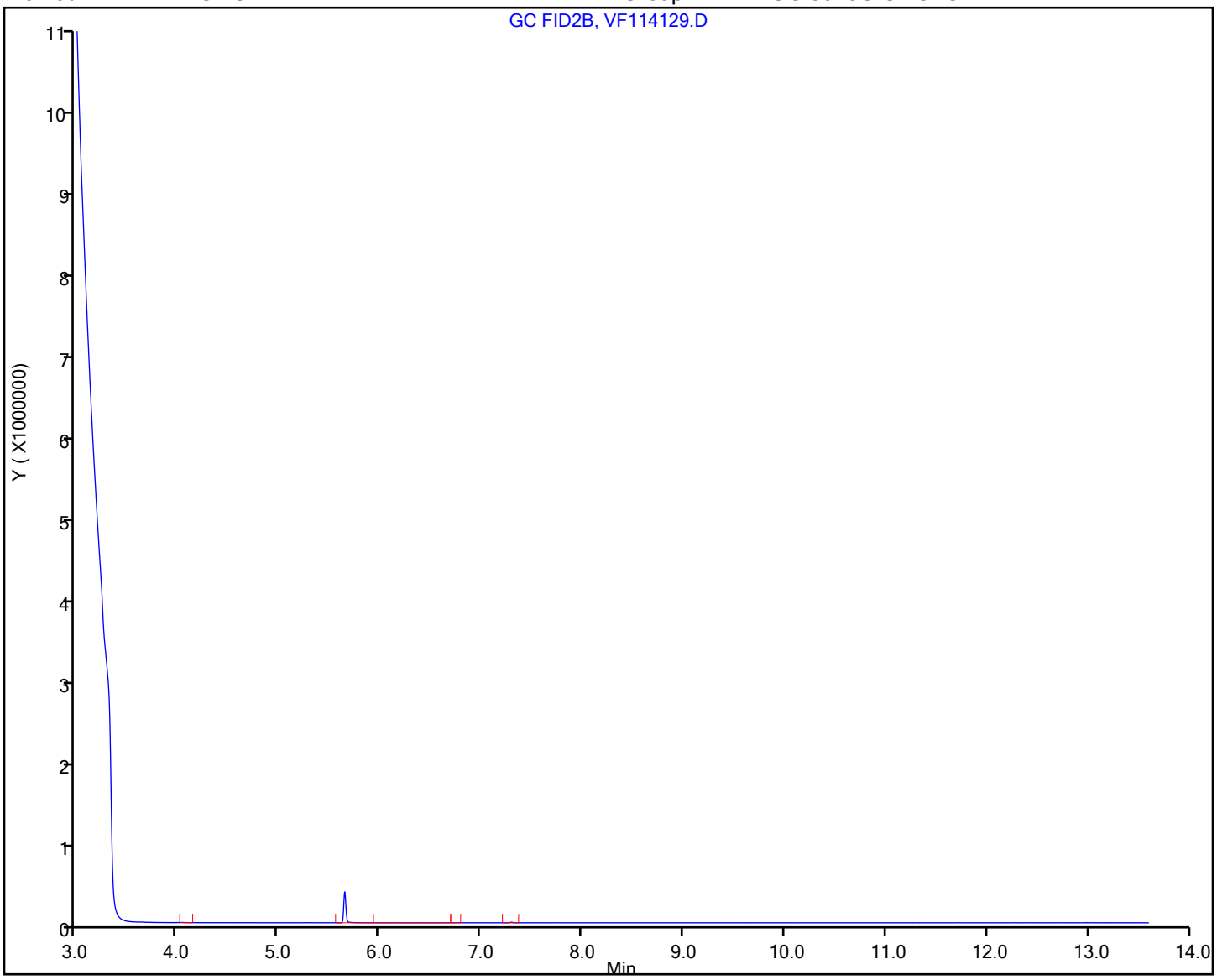
Column 1 : Det: GC FID2B
Process Host: CTX1621

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.647	5.658	-0.011	29363320	49.7	
A	2 GRO	6.811	(3.552-10.070)		931764	1.38	

Report Date: 08-Apr-2022 06:04:58 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114129.D				
Injection Date:	07-Apr-2022 19:10:32	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-15-A	Lab Sample ID:	460-255715-15		
Client ID:	SB-16 (3-5)				
Operator ID:	VOAGC1	ALS Bottle#:	23	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114129.D
Lims ID: 460-255715-C-15-A
Client ID: SB-16 (3-5)
Sample Type: Client
Inject. Date: 07-Apr-2022 19:10:32 ALS Bottle#: 23 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-023
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 08-Apr-2022 06:04:56 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1621

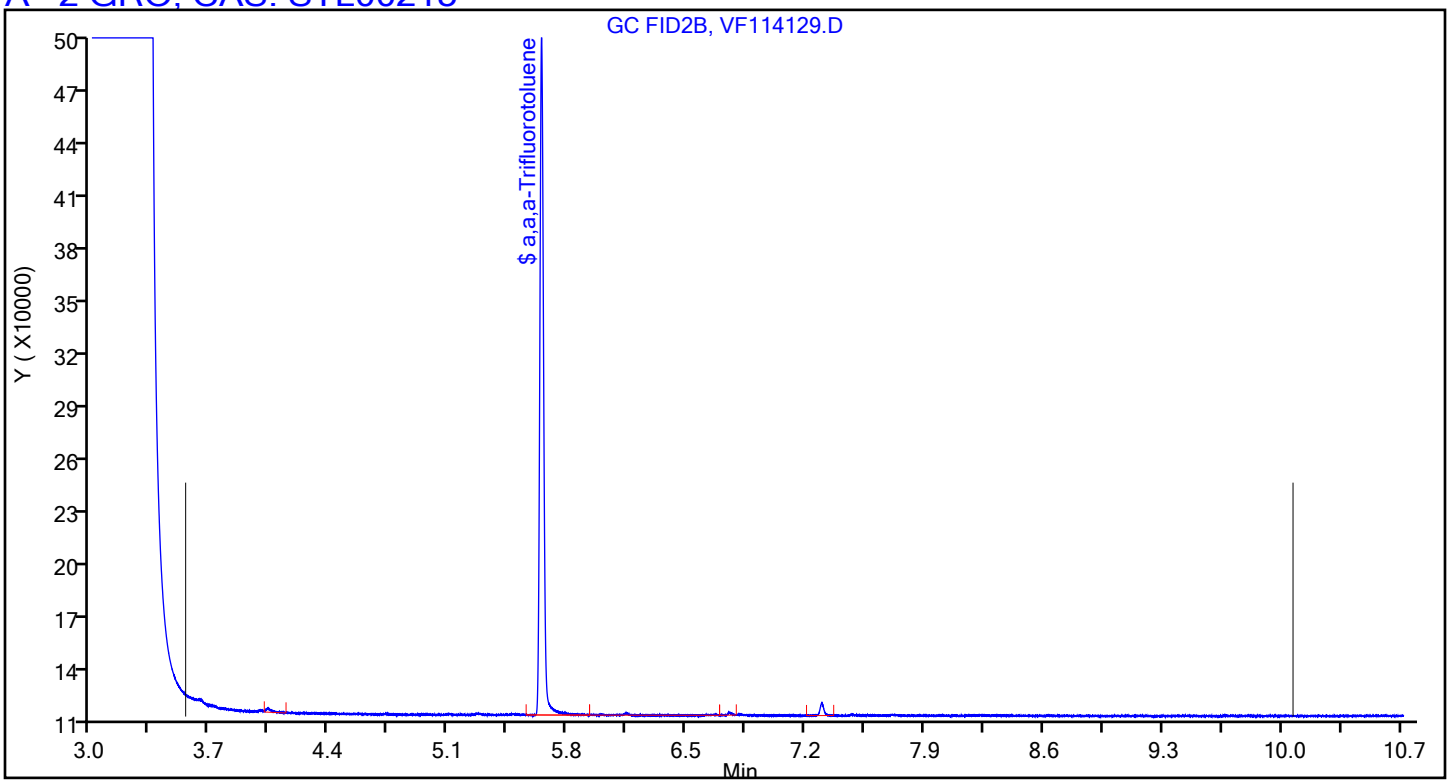
Compound	Amount Added	Amount Recovered	% Rec.
$ 1 a,a,a-Trifluorotoluene	2402.1	49.7	103.46

Report Date: 08-Apr-2022 06:04:58 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114129.D				
Injection Date:	07-Apr-2022 19:10:32	Instrument ID:	CVOAGC1		
Lims ID:	460-255715-C-15-A	Lab Sample ID:	460-255715-15		
Client ID:	SB-16 (3-5)				
Operator ID:	VOAGC1	ALS Bottle#:	23	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		
Column:		Detector	GC FID2B		

A 2 GRO, CAS: STL00215



FORM VI
GASOLINE RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 795490

SDG No.:

Instrument ID: CVOAGC1 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/10/2021 15:03 Calibration End Date: 08/10/2021 16:57 Calibration ID: 86909

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDL1 460-795490/4	VF1104170.D
Level 2	STDL2 460-795490/5	VF1104171.D
Level 3	STDL3 460-795490/6	VF1104172.D
Level 4	STDL4 460-795490/7	VF1104173.D
Level 5	STDL5 460-795490/8	VF1104174.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
GRO	6.812	6.812	6.812	6.812	6.812						3.547 - 10.074	6.812
a,a,a-Trifluorotoluene	5.660	5.657	5.656	5.655	5.654						5.555 - 5.755	5.656

FORM VI
GASOLINE RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 795490

SDG No.:

Instrument ID: CVOAGC1 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/10/2021 15:03 Calibration End Date: 08/10/2021 16:57 Calibration ID: 86909

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDL1 460-795490/4	VF1104170.D
Level 2	STDL2 460-795490/5	VF1104171.D
Level 3	STDL3 460-795490/6	VF1104172.D
Level 4	STDL4 460-795490/7	VF1104173.D
Level 5	STDL5 460-795490/8	VF1104174.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
GRO	703650 684809	653475	664000	674009	Ave		675988.556				2.9		20.0			
a,a,a-Trifluorotoluene	535856 634380	563414	613912	606370	Ave		590786.158				6.8		20.0			

Note: The M1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GASOLINE RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 795490

SDG No.:

Instrument ID: CVOAGC1 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/10/2021 15:03 Calibration End Date: 08/10/2021 16:57 Calibration ID: 86909

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDL1 460-795490/4	VF1104170.D
Level 2	STDL2 460-795490/5	VF1104171.D
Level 3	STDL3 460-795490/6	VF1104172.D
Level 4	STDL4 460-795490/7	VF1104173.D
Level 5	STDL5 460-795490/8	VF1104174.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
GRO	Ave	17591258	65347519	132799951	337004427	684808660	25.0	100	200	500	1000
a,a,a-Trifluorotoluene	Ave	2679281	11268286	30695631	60637037	126876089	5.00	20.0	50.0	100	200

Curve Type Legend
Ave = Average

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104170.D
Lims ID: STDL1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 10-Aug-2021 15:03:22 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-0133098-004
Operator ID: VOAGC1 Instrument ID: CVOAGC1
Sublist: chrom-GRO1*sub1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 11-Aug-2021 13:31:44 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1630

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.660	5.655	0.005	2679281	5.00	4.54	
A	2 GRO	6.812	(3.547-10.074)		17591258	25.0	26.0	

Reagents:

VGGROSUi_00116 Amount Added: 1.00 Units: uL
VGGROi_00116 Amount Added: 5.00 Units: uL

Report Date: 11-Aug-2021 13:31:44 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104170.D

Injection Date: 10-Aug-2021 15:03:22 Instrument ID: CVOAGC1

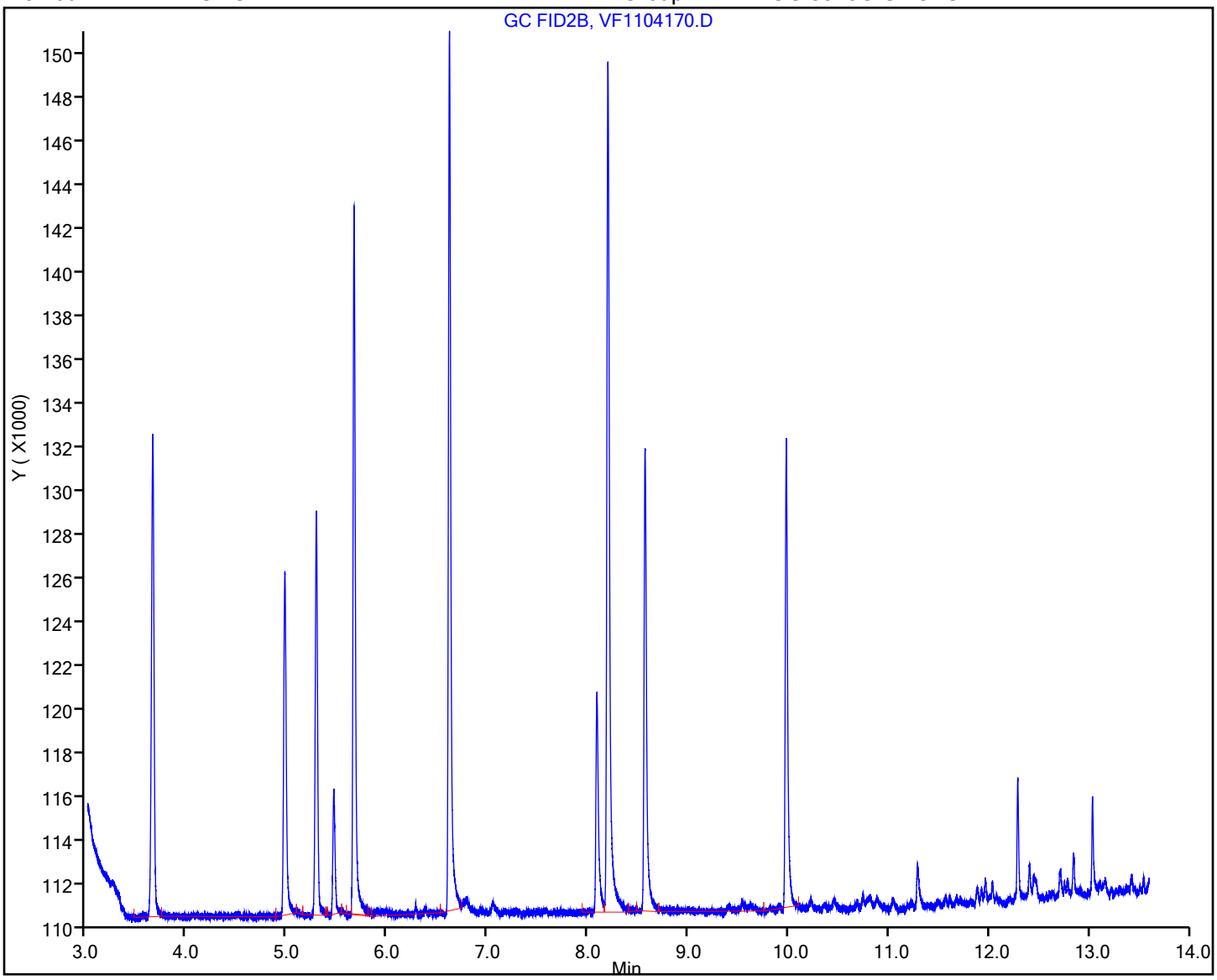
Lims ID: STDL1

Client ID:

Operator ID: VOAGC1 ALS Bottle#: 4 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: GRO1 Limit Group: GC 8015C GRO ICAL



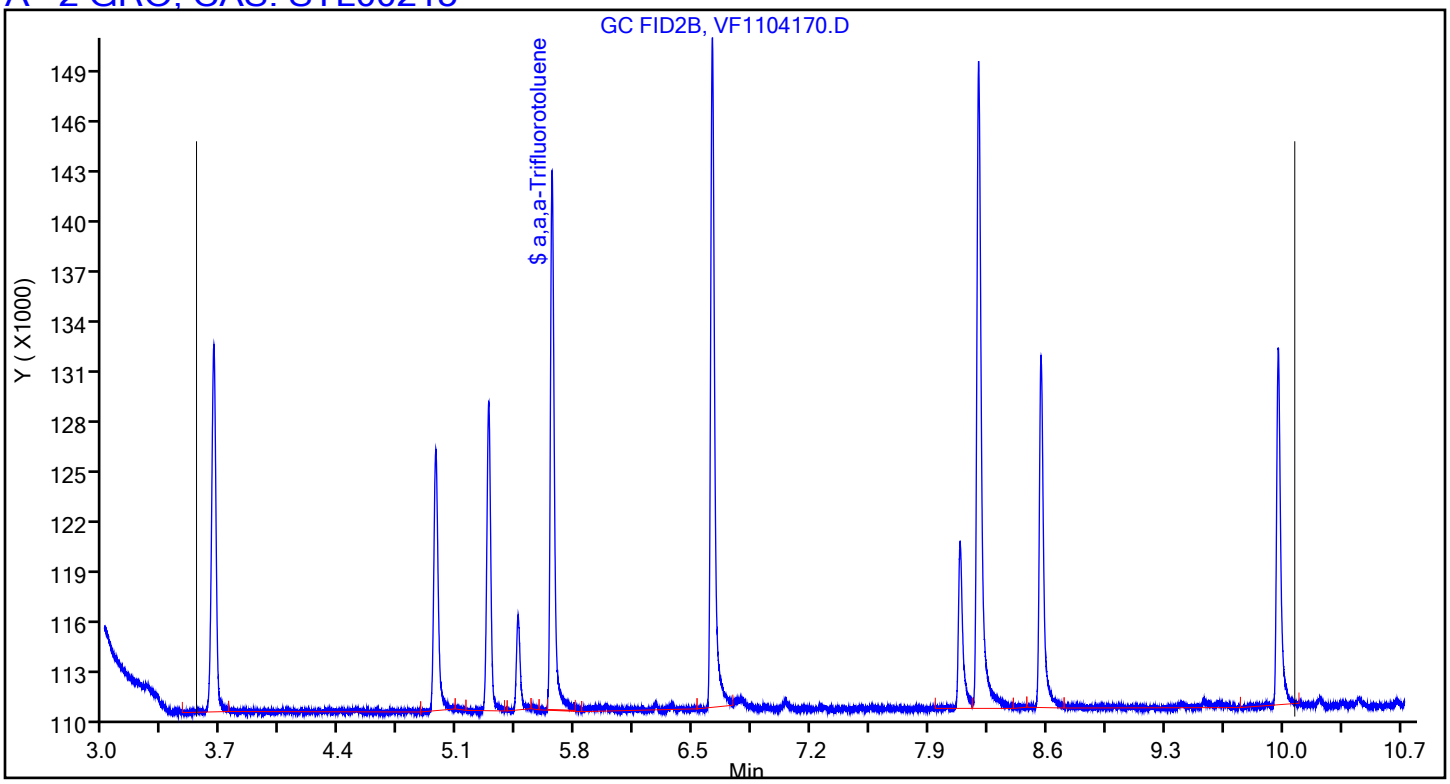
Report Date: 11-Aug-2021 13:31:44 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104170.D

Injection Date:	10-Aug-2021 15:03:22	Instrument ID:	CVOAGC1		
Lims ID:	STDL1				
Client ID:					
Operator ID:	VOAGC1	ALS Bottle#:	4	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		
Column:		Detector	GC FID2B		

A 2 GRO, CAS: STL00215



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104171.D
Lims ID: STDL2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 10-Aug-2021 15:31:55 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-0133098-005
Operator ID: VOAGC1 Instrument ID: CVOAGC1
Sublist: chrom-GRO1*sub1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 11-Aug-2021 13:31:45 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1630

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.657	5.655	0.002	11268286	20.0	19.1	
A	2 GRO	6.812	(3.547-10.074)		65347519	100.0	96.7	

Reagents:

VGGROSUi_00116 Amount Added: 2.00 Units: uL
VGGROi_00116 Amount Added: 10.00 Units: uL

Report Date: 11-Aug-2021 13:31:45 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104171.D

Injection Date: 10-Aug-2021 15:31:55 Instrument ID: CVOAGC1

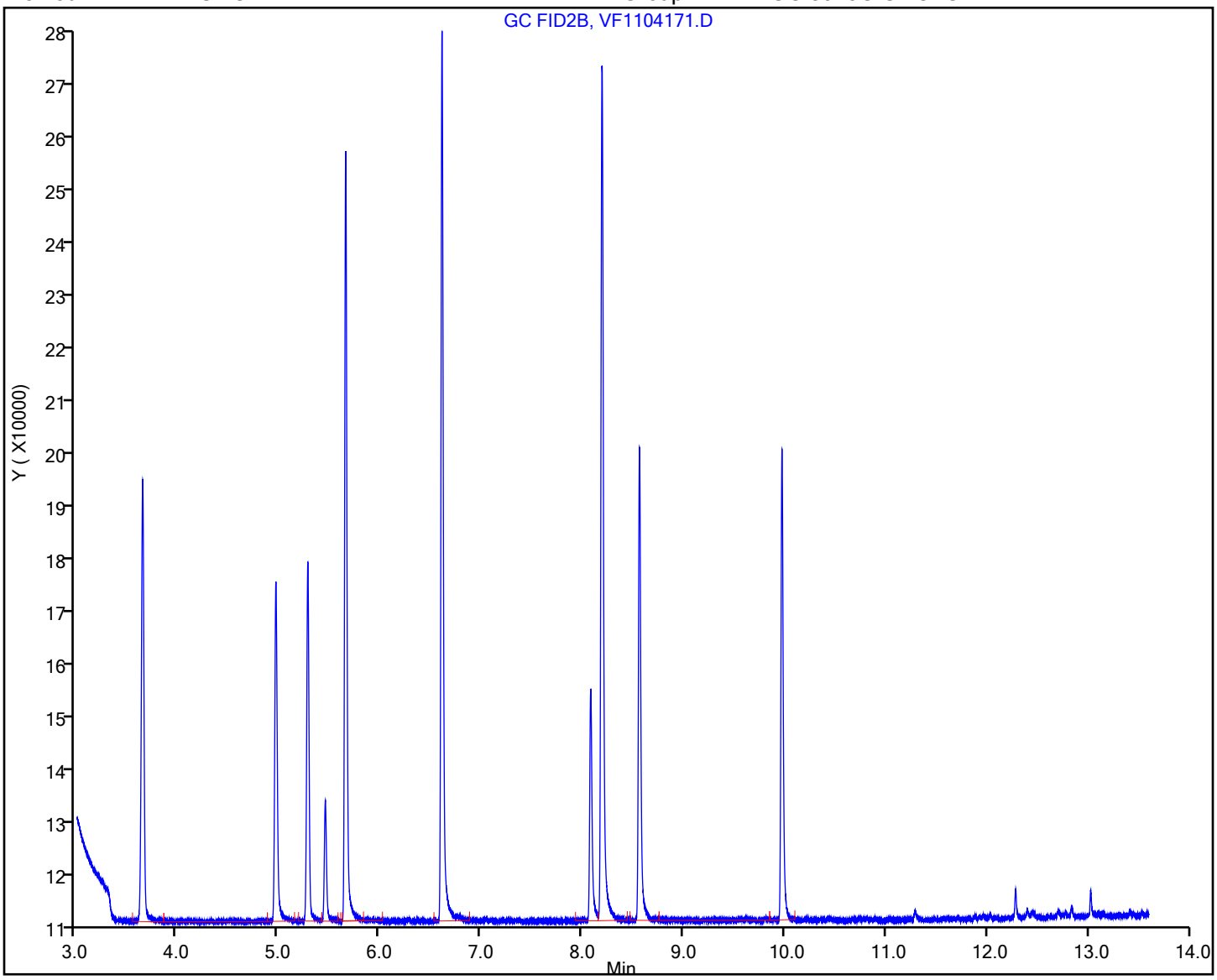
Lims ID: STDL2

Client ID:

Operator ID: VOAGC1 ALS Bottle#: 5 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: GRO1 Limit Group: GC 8015C GRO ICAL

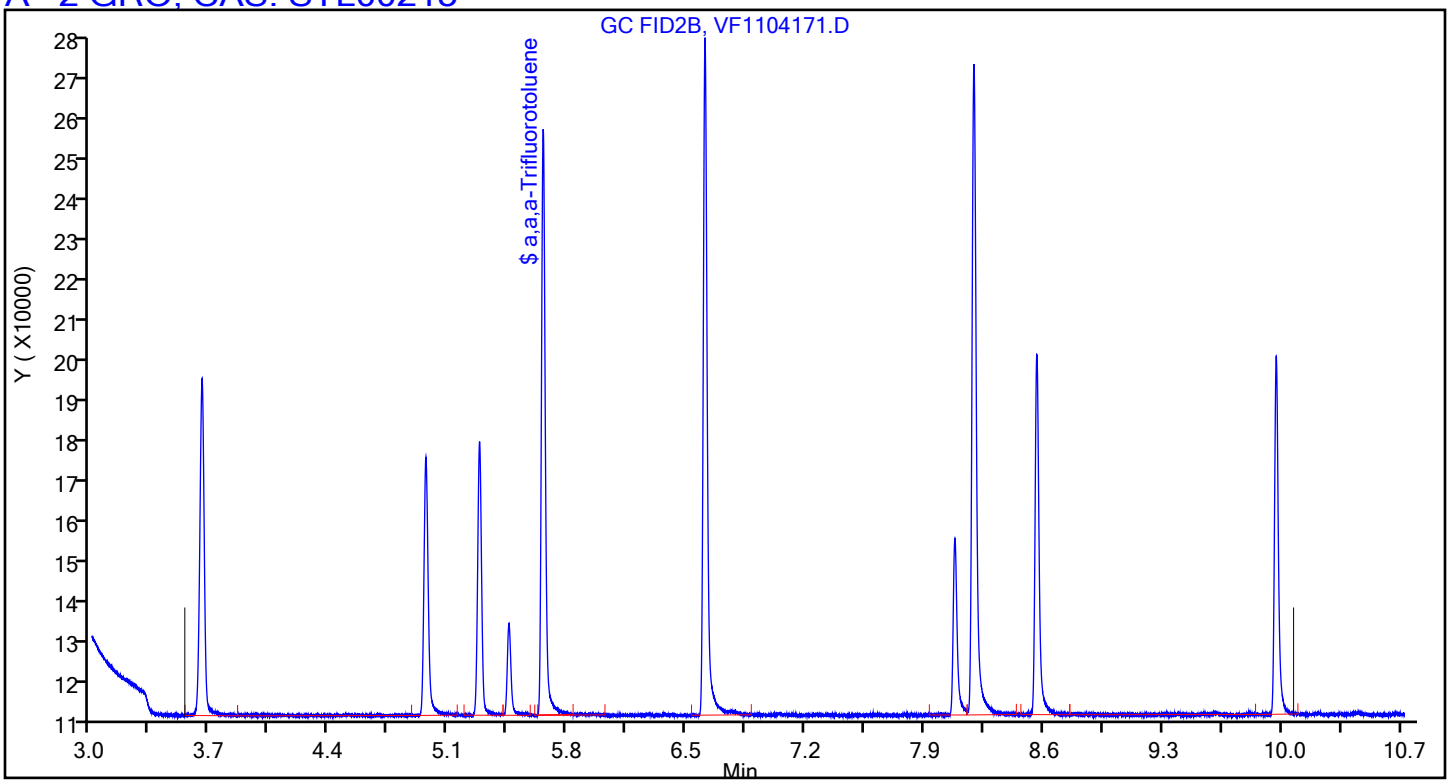


Report Date: 11-Aug-2021 13:31:46 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104171.D				
Injection Date:	10-Aug-2021 15:31:55	Instrument ID:	CVOAGC1		
Lims ID:	STDL2				
Client ID:					
Operator ID:	VOAGC1	ALS Bottle#:	5	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		
Column:		Detector	GC FID2B		

A 2 GRO, CAS: STL00215



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104172.D
Lims ID: STDL3
Client ID:
Sample Type: ICRT Calib Level: 3
Inject. Date: 10-Aug-2021 16:00:38 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-0133098-006
Operator ID: VOAGC1 Instrument ID: CVOAGC1
Sublist: chrom-GRO1*sub1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 11-Aug-2021 13:31:47 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1630

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.656	5.656	0.000	30695631	50.0	52.0	
A	2 GRO	6.812	(3.547-10.074)		132799951	200.0	196.5	

Reagents:

VGGROSUi_00116 Amount Added: 5.00 Units: uL
VGGROi_00116 Amount Added: 20.00 Units: uL

Report Date: 11-Aug-2021 13:31:47 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104172.D

Injection Date: 10-Aug-2021 16:00:38 Instrument ID: CVOAGC1

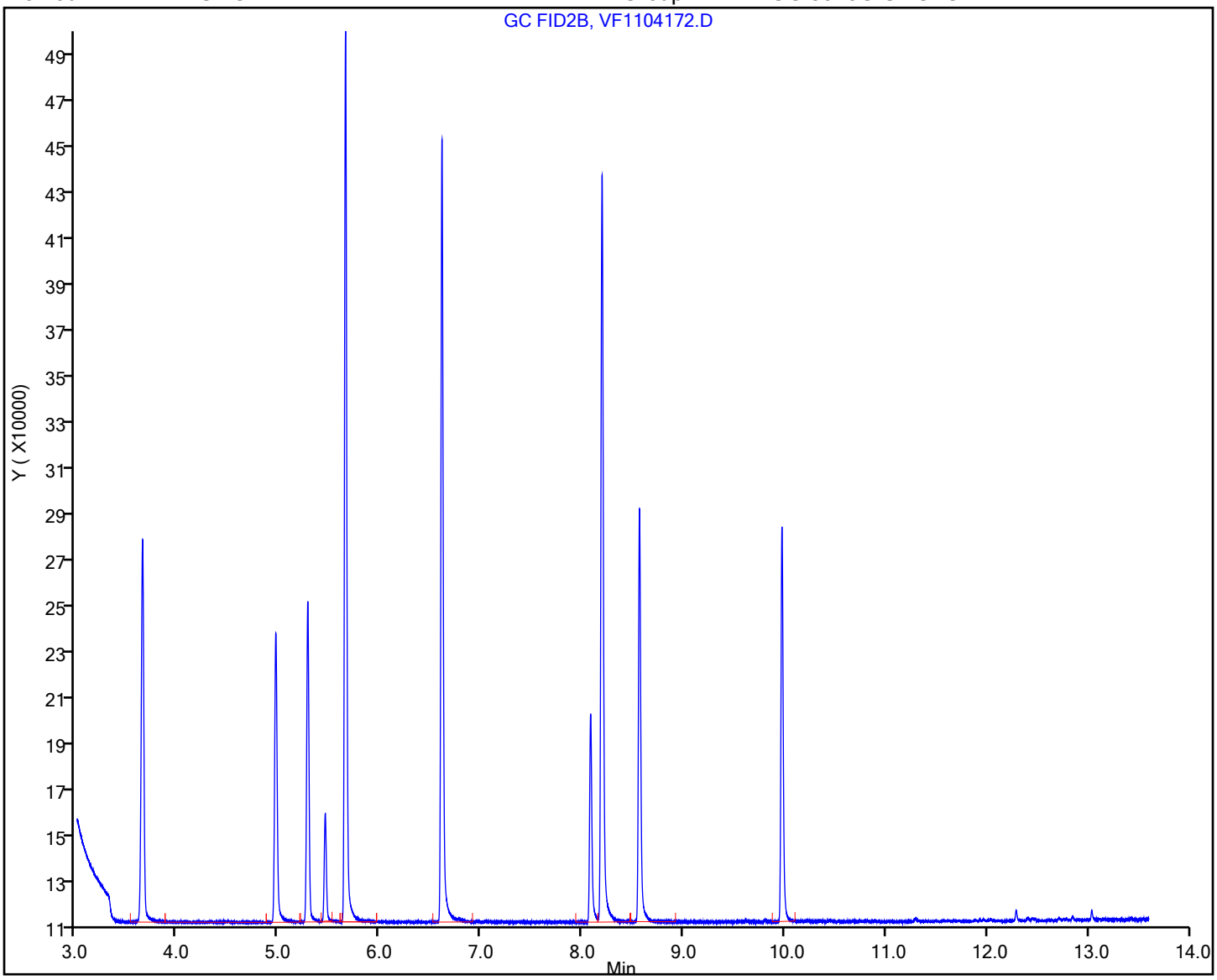
Lims ID: STDL3

Client ID:

Operator ID: VOAGC1 ALS Bottle#: 6 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: GRO1 Limit Group: GC 8015C GRO ICAL

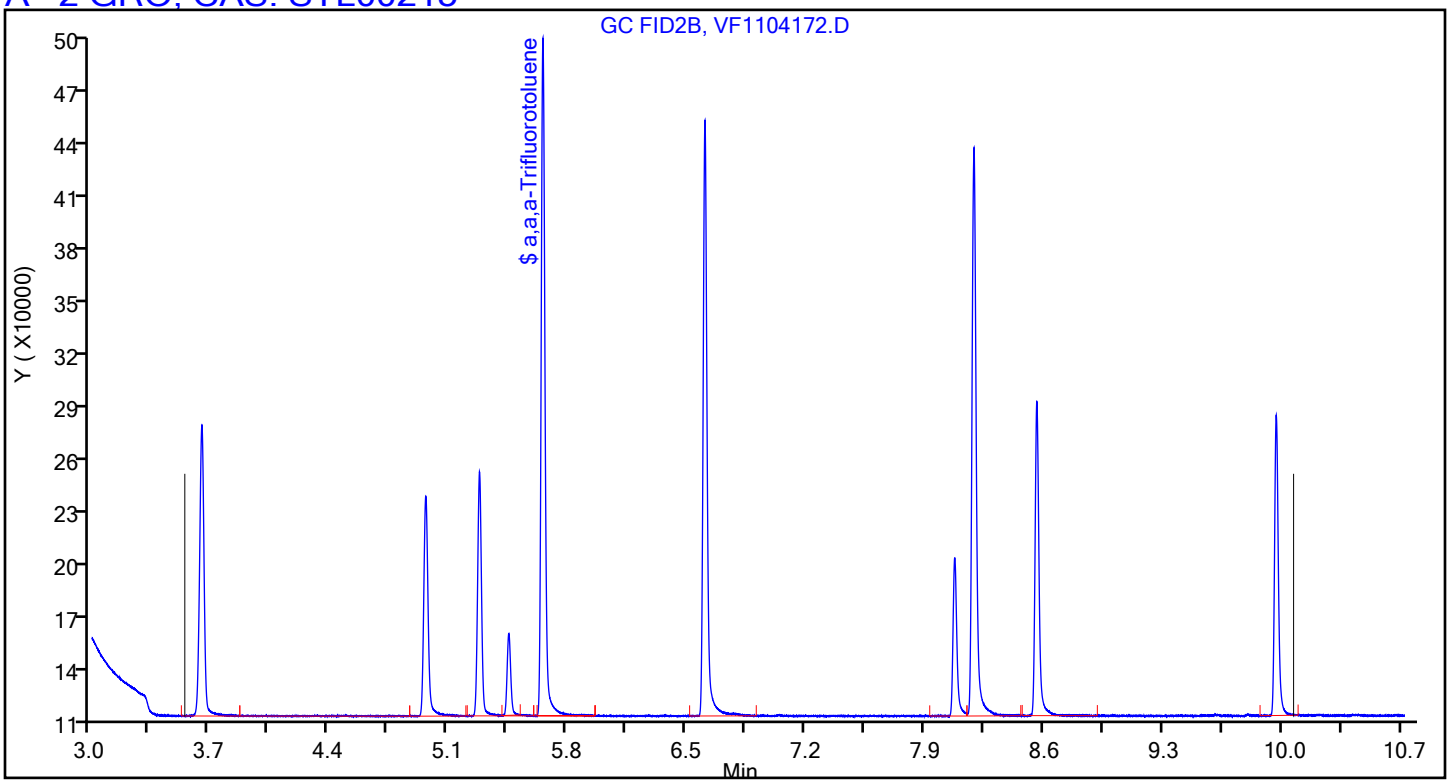


Report Date: 11-Aug-2021 13:31:47 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104172.D				
Injection Date:	10-Aug-2021 16:00:38	Instrument ID:	CVOAGC1		
Lims ID:	STDL3				
Client ID:					
Operator ID:	VOAGC1	ALS Bottle#:	6	Worklist Smp#:	6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		
Column:		Detector	GC FID2B		

A 2 GRO, CAS: STL00215



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104173.D
Lims ID: STDL4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 10-Aug-2021 16:28:34 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-0133098-007
Operator ID: VOAGC1 Instrument ID: CVOAGC1
Sublist: chrom-GRO1*sub1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 11-Aug-2021 13:31:48 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1630

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.655	5.656	-0.001	60637037	100.0	102.6	
A	2 GRO	6.812	(3.547-10.074)		337004427	500.0	498.5	

Reagents:

VGGROSUi_00116 Amount Added: 10.00 Units: uL
VGGROi_00116 Amount Added: 50.00 Units: uL

Report Date: 11-Aug-2021 13:31:48 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104173.D

Injection Date: 10-Aug-2021 16:28:34 Instrument ID: CVOAGC1

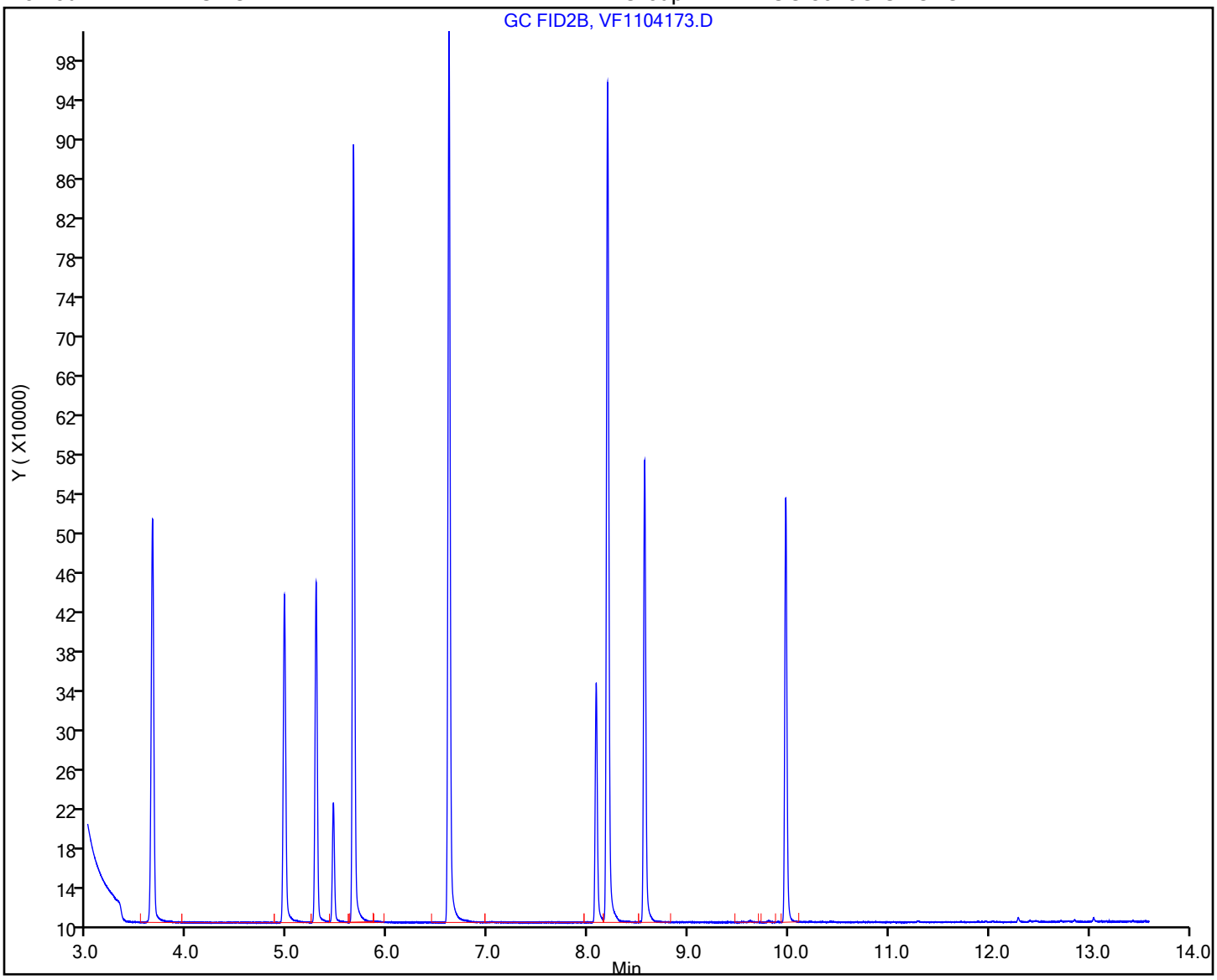
Lims ID: STDL4

Client ID:

Operator ID: VOAGC1 ALS Bottle#: 7 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: GRO1 Limit Group: GC 8015C GRO ICAL

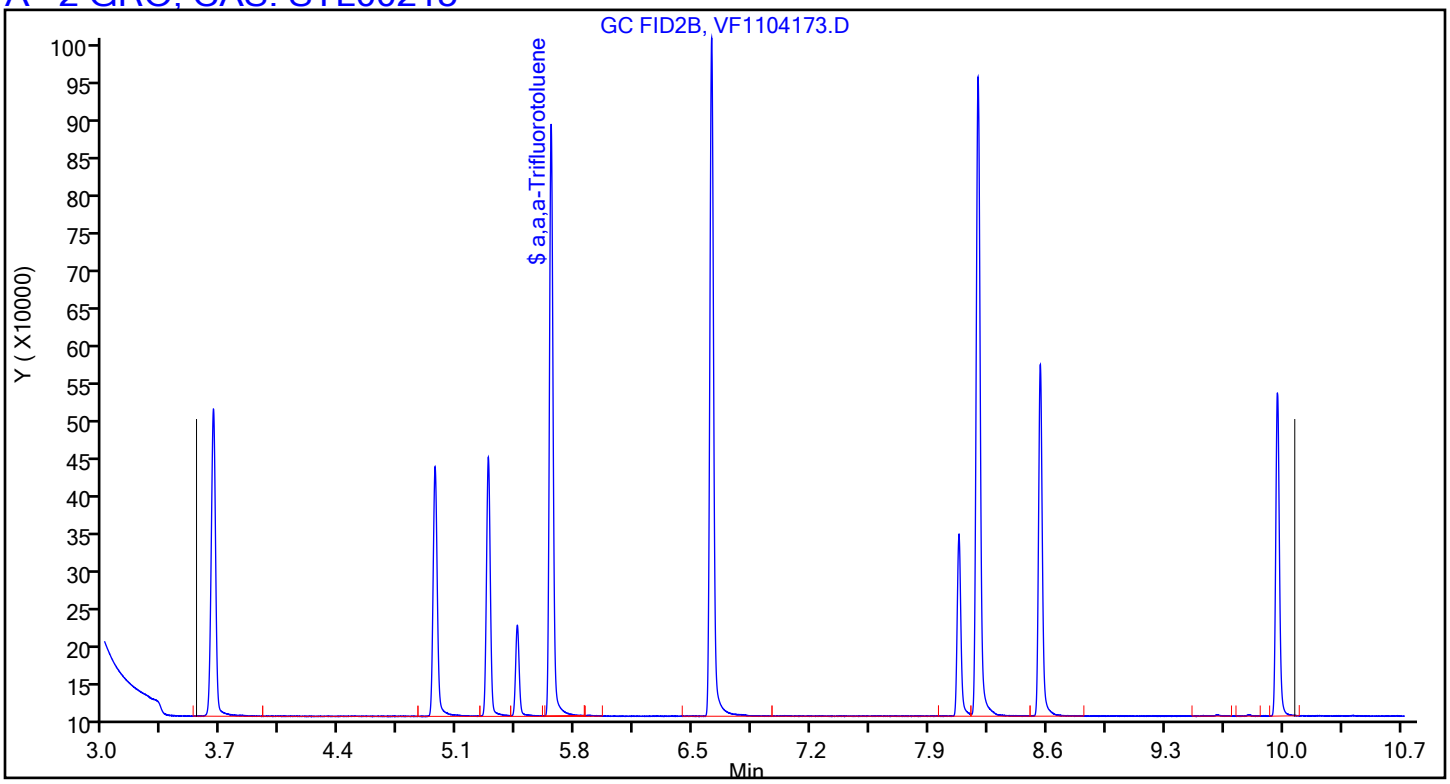


Report Date: 11-Aug-2021 13:31:48 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104173.D				
Injection Date:	10-Aug-2021 16:28:34	Instrument ID:	CVOAGC1		
Lims ID:	STDL4				
Client ID:					
Operator ID:	VOAGC1	ALS Bottle#:	7	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		
Column:		Detector	GC FID2B		

A 2 GRO, CAS: STL00215



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D
Lims ID: STDL5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 10-Aug-2021 16:57:28 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-0133098-008
Operator ID: VOAGC1 Instrument ID: CVOAGC1
Sublist: chrom-GRO1*sub1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 11-Aug-2021 13:31:49 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1630

First Level Reviewer: martineze Date: 10-Aug-2021 17:31:05

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.654	5.656	-0.002	126876089	200.0	214.8	
A	2 GRO	6.812	(3.547-10.074)		684808660	1000.0	1013.0	

QC Flag Legend
Processing Flags

Reagents:
VGGROSUi_00116 Amount Added: 20.00 Units: uL
VGGROi_00116 Amount Added: 100.00 Units: uL

Report Date: 11-Aug-2021 13:31:50 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Injection Date: 10-Aug-2021 16:57:28 Instrument ID: CVOAGC1

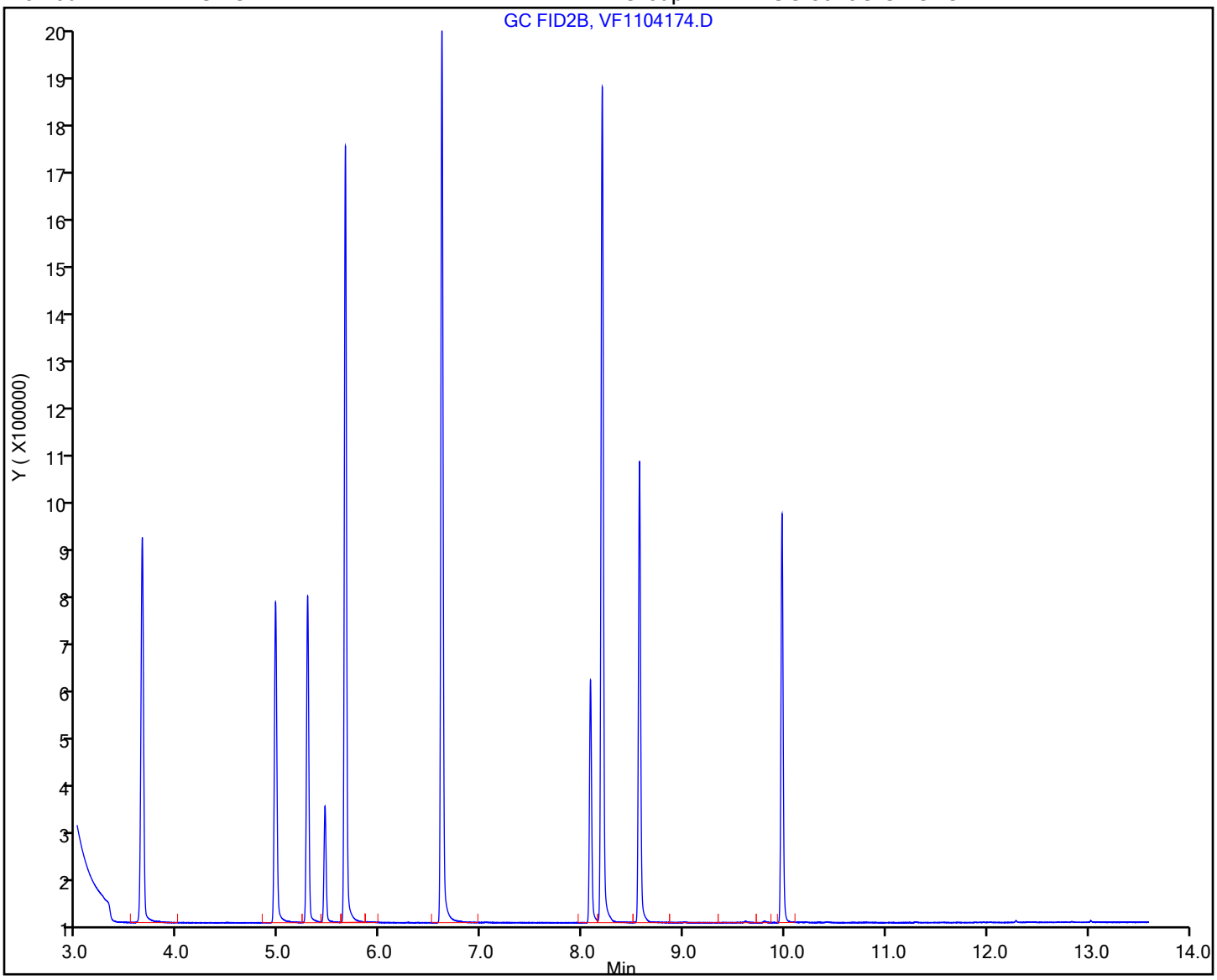
Lims ID: STDL5

Client ID:

Operator ID: VOAGC1 ALS Bottle#: 8 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: GRO1 Limit Group: GC 8015C GRO ICAL

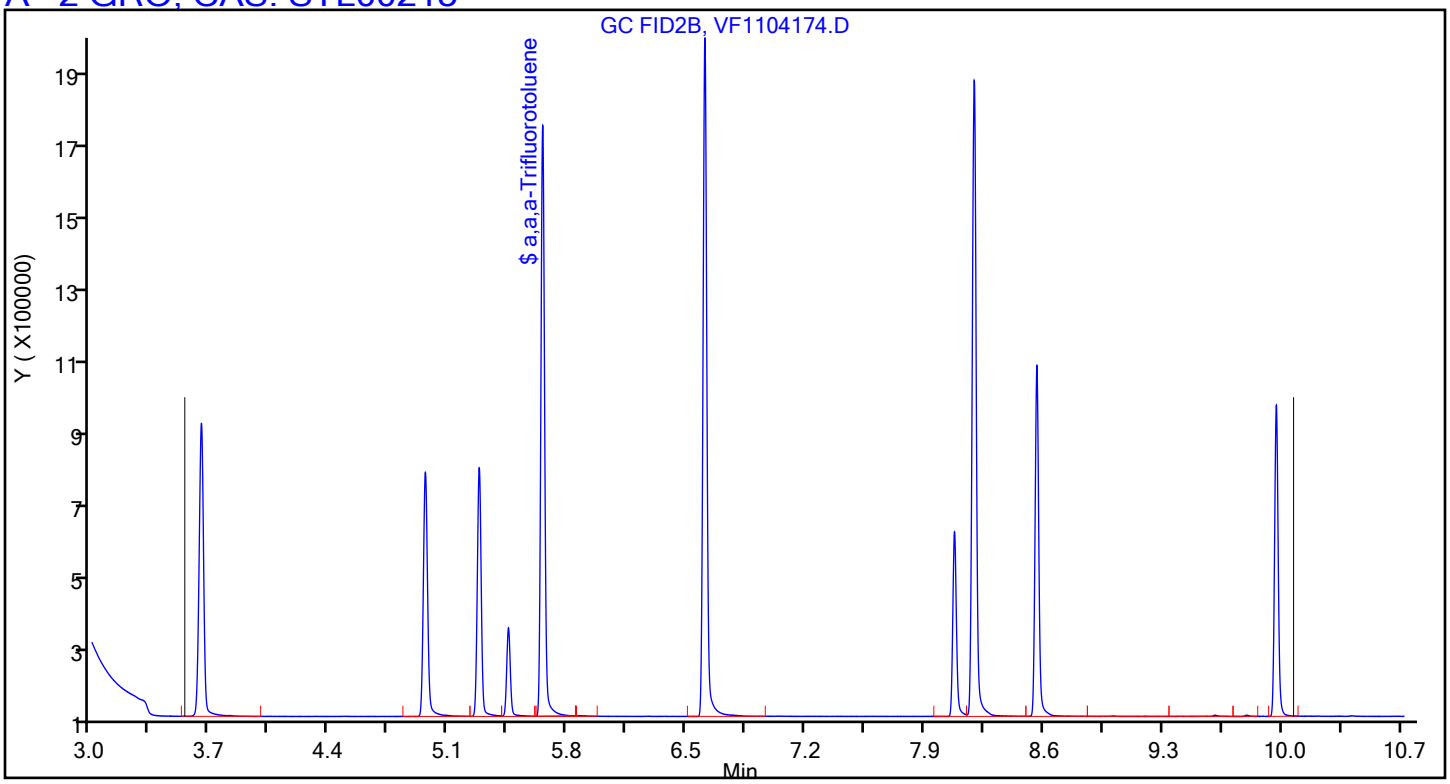


Report Date: 11-Aug-2021 13:31:50 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D				
Injection Date:	10-Aug-2021 16:57:28	Instrument ID:	CVOAGC1		
Lims ID:	STDL5				
Client ID:					
Operator ID:	VOAGC1	ALS Bottle#:	8	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		
Column:		Detector	GC FID2B		

A 2 GRO, CAS: STL00215



Calibration / a,a,a-Trifluorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

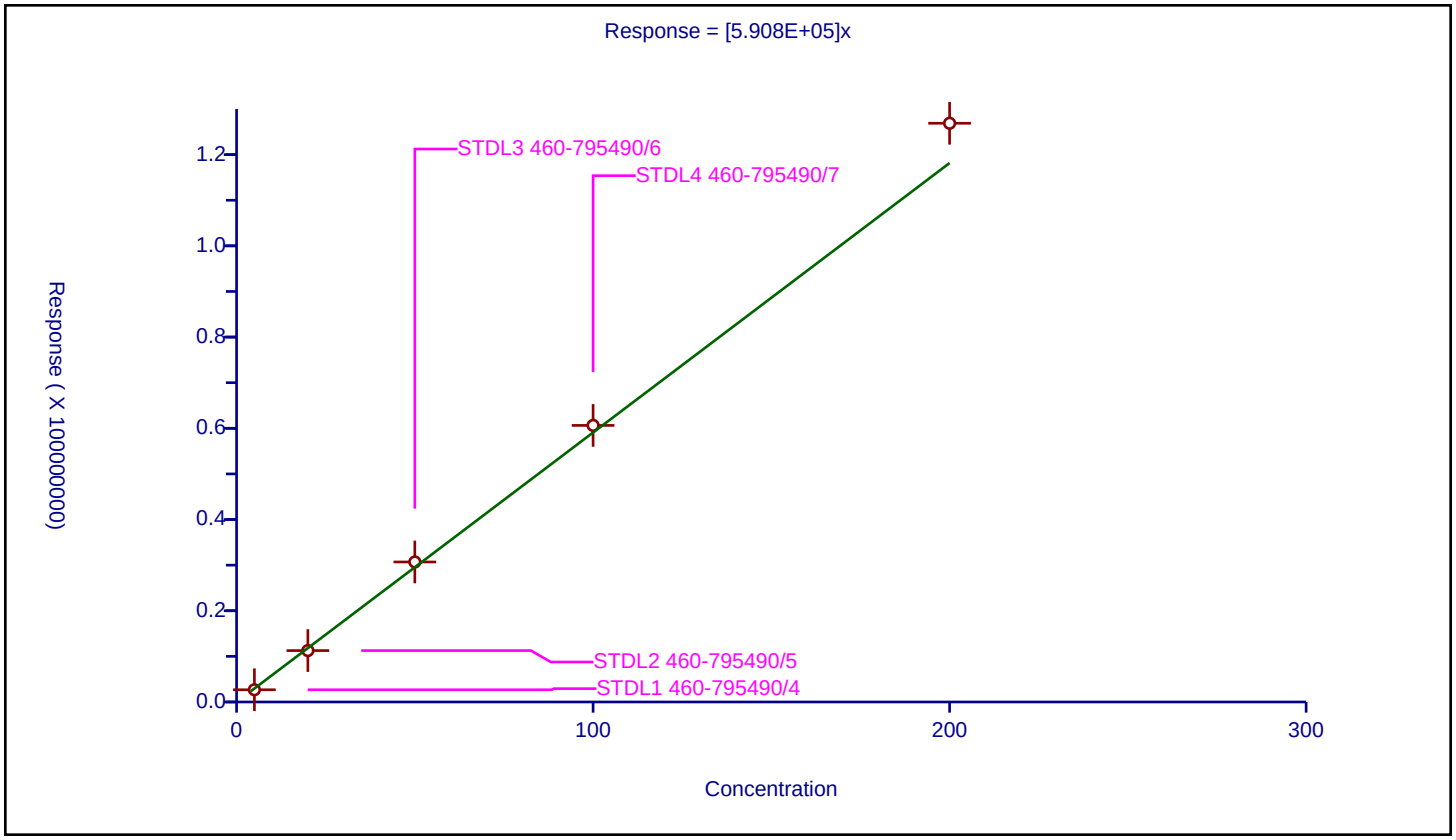
Curve Coefficients

Intercept:	0
Slope:	5.908E+05

Error Coefficients

Standard Error:	4480000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	STDL1 460-795490/4	5.000005	2679281.0			535855.62985	Y
2	STDL2 460-795490/5	20.000021	11268286.0			563413.700528	Y
3	STDL3 460-795490/6	50.000053	30695631.0			613911.966798	Y
4	STDL4 460-795490/7	100.000106	60637037.0			606369.724823	Y
5	STDL5 460-795490/8	200.000213	126876089.0			634379.77002	Y



Calibration / GRO

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

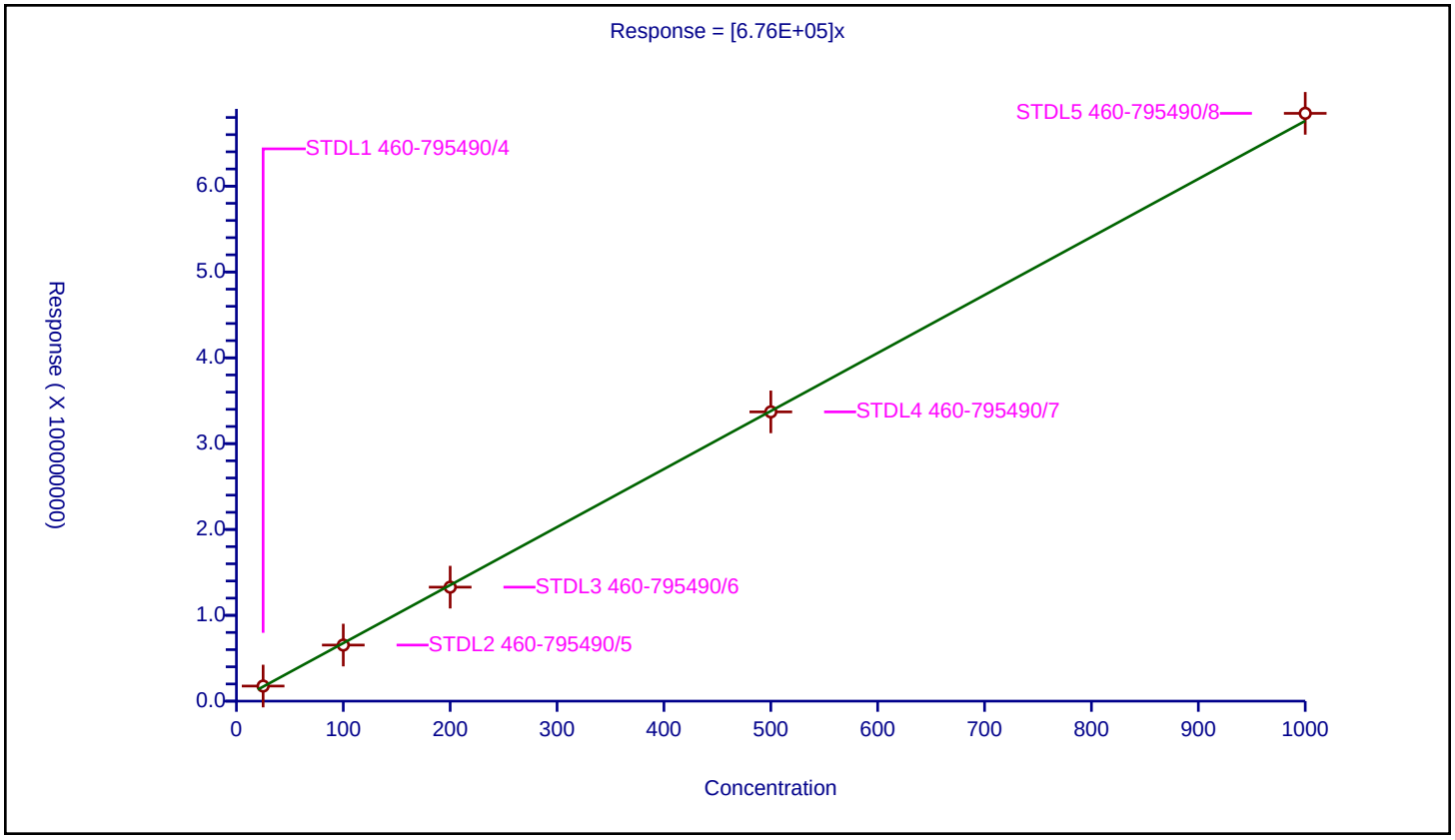
Curve Coefficients

Intercept:	0
Slope:	6.76E+05

Error Coefficients

Standard Error:	4750000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	STDL1 460-795490/4	25.0	17591258.0			703650.32	Y
2	STDL2 460-795490/5	100.0	65347519.0			653475.19	Y
3	STDL3 460-795490/6	200.0	132799951.0			663999.755	Y
4	STDL4 460-795490/7	500.0	337004427.0			674008.854	Y
5	STDL5 460-795490/8	1000.0	684808660.0			684808.66	Y



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: ICV 460-795490/12 Calibration Date: 08/10/2021 18:52

Instrument ID: CVOAGC1 Calib Start Date: 08/10/2021 15:03

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2021 16:57

Lab File ID: VF1104178.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
GRO	Ave	675989	732233		217	200	8.3	20.0
a,a,a-Trifluorotoluene	Ave	590786	670807		56.8	50.0	13.5	20.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: ICV 460-795490/12 Calibration Date: 08/10/2021 18:52

Instrument ID: CVOAGC1 Calib Start Date: 08/10/2021 15:03

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2021 16:57

Lab File ID: VF1104178.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
GRO	6.81	3.55	10.07
a,a,a-Trifluorotoluene	5.66	5.56	5.76

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104178.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 10-Aug-2021 18:52:56 ALS Bottle#: 12 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-0133098-012
Operator ID: VOAGC1 Instrument ID: CVOAGC1
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 11-Aug-2021 13:24:18 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1630

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
	38 2-Methylpentane	3.650	3.647	0.003	17683263		NC	
$	1 a,a,a-Trifluorotoluene	5.656	5.655	0.001	33540395	50.0	56.8	
A	2 GRO	6.812	(3.547-10.074)		146446520	200.0	216.6	
	39 1,2,4-Trimethylbenzene	9.972	9.974	-0.002	13462255		NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

VGGROSUi_00116 Amount Added: 5.00 Units: uL
VSSGROi_00047 Amount Added: 20.00 Units: uL

Report Date: 11-Aug-2021 13:24:20 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104178.D

Injection Date: 10-Aug-2021 18:52:56 Instrument ID: CVOAGC1

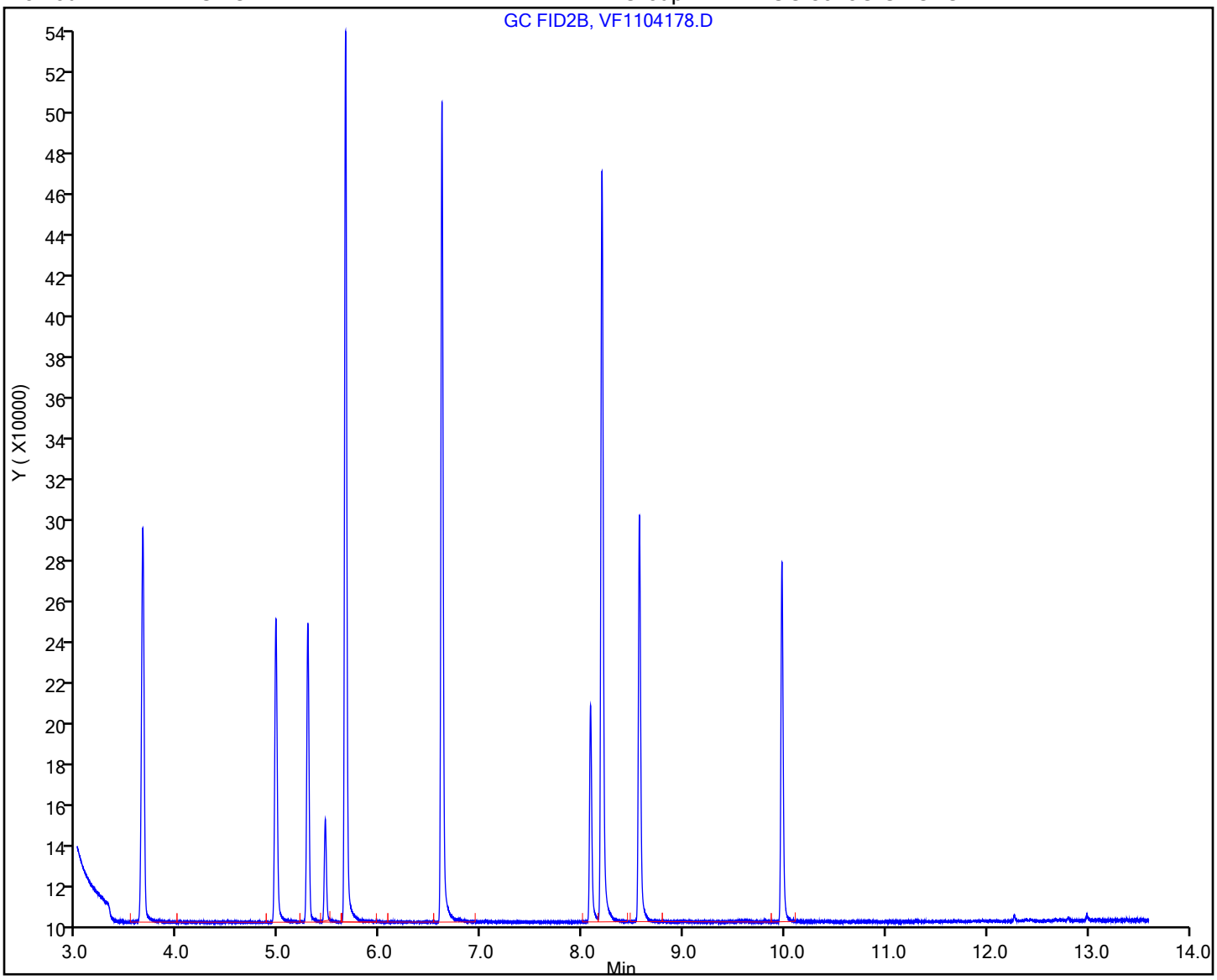
Lims ID: ICV

Client ID:

Operator ID: VOAGC1 ALS Bottle#: 12 Worklist Smp#: 12

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: GRO1 Limit Group: GC 8015C GRO ICAL

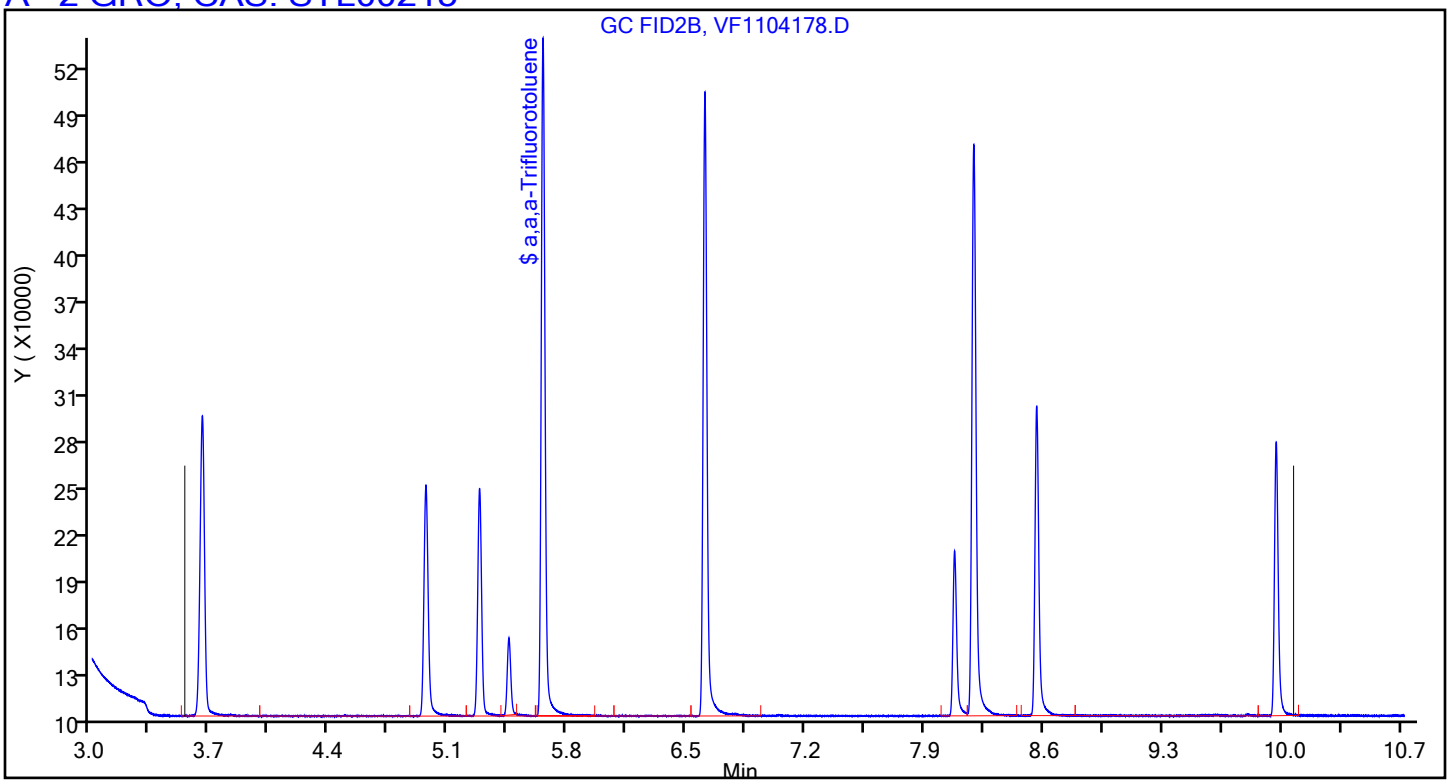


Report Date: 11-Aug-2021 13:24:20 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104178.D				
Injection Date:	10-Aug-2021 18:52:56	Instrument ID:	CVOAGC1		
Lims ID:	ICV				
Client ID:					
Operator ID:	VOAGC1	ALS Bottle#:	12	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		
Column:		Detector	GC FID2B		

A 2 GRO, CAS: STL00215



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCVRT 460-837797/2 Calibration Date: 04/07/2022 08:58

Instrument ID: CVOAGC1 Calib Start Date: 08/10/2021 15:03

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2021 16:57

Lab File ID: VF114108.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
GRO	Ave	675989	651947		193	200	-3.6	20.0
a,a,a-Trifluorotoluene	Ave	590786	503438		42.6	50.0	-14.8	20.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCVRT 460-837797/2 Calibration Date: 04/07/2022 08:58

Instrument ID: CVOAGC1 Calib Start Date: 08/10/2021 15:03

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2021 16:57

Lab File ID: VF114108.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
GRO	6.81	3.55	10.07
a,a,a-Trifluorotoluene	5.66	5.56	5.76

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114108.D
Lims ID: CCVRT
Client ID:
Sample Type: CCVRT
Inject. Date: 07-Apr-2022 08:58:52 ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-0143719-002
Operator ID: VOAGC1 Instrument ID: CVOAGC1
Sublist: chrom-GRO1*sub1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 07-Apr-2022 09:36:00 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1674

First Level Reviewer: moroneyc Date: 07-Apr-2022 09:36:00

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.658	5.658	0.000	25171945	50.0	42.6	
A	2 GRO	6.811	(3.552-10.070)		130389456	200.0	192.9	

QC Flag Legend

Processing Flags

Reagents:

VGGROSUi_00117 Amount Added: 5.00 Units: uL
VGGROi_00117 Amount Added: 20.00 Units: uL

Report Date: 07-Apr-2022 09:36:01 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114108.D

Injection Date: 07-Apr-2022 08:58:52 Instrument ID: CVOAGC1

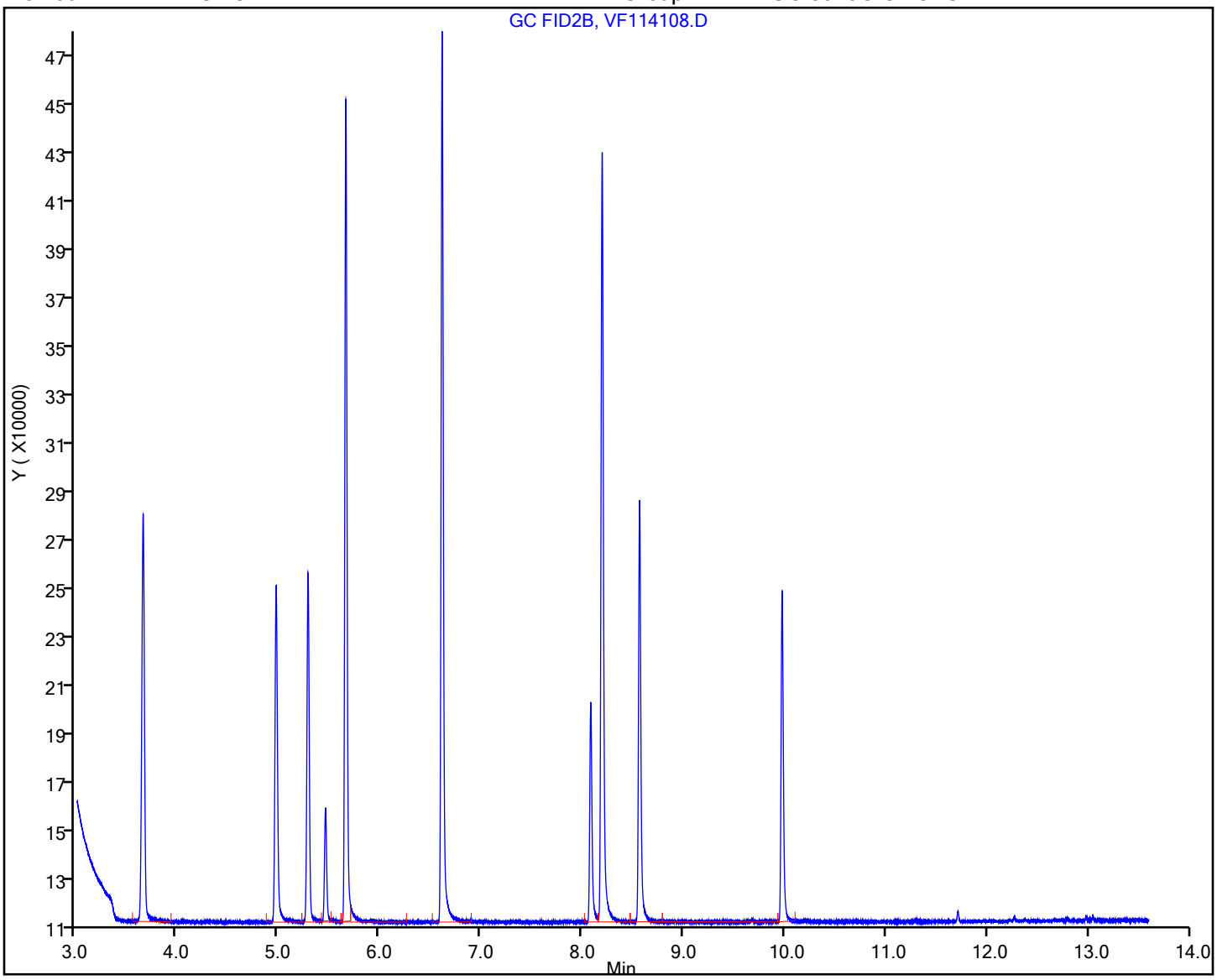
Lims ID: CCVRT

Client ID:

Operator ID: VOAGC1 ALS Bottle#: 2 Worklist Smp#: 2

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: GRO1 Limit Group: GC 8015C GRO ICAL



Report Date: 07-Apr-2022 09:36:01 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114108.D

Injection Date: 07-Apr-2022 08:58:52 Instrument ID: CVOAGC1

Lims ID: CCVRT

Client ID:

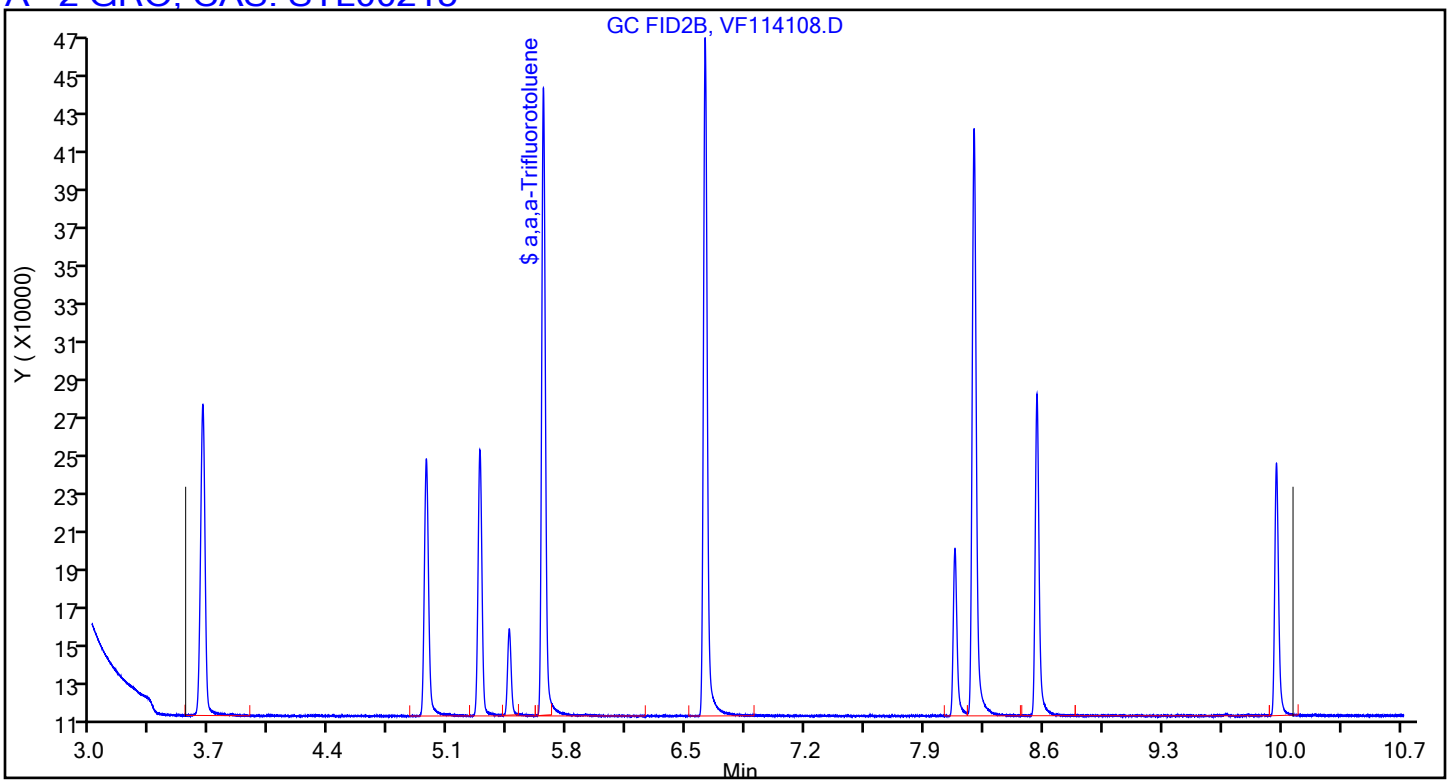
Operator ID: VOAGC1 ALS Bottle#: 2 Worklist Smp#: 2

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: GRO1 Limit Group: GC 8015C GRO ICAL

Column: Detector GC FID2B

A 2 GRO, CAS: STL00215



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCV 460-837797/18 Calibration Date: 04/07/2022 16:41

Instrument ID: CVOAGC1 Calib Start Date: 08/10/2021 15:03

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2021 16:57

Lab File ID: VF114124.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
GRO	Ave	675989	665203		197	200	-1.6	20.0
a,a,a-Trifluorotoluene	Ave	590786	620947		52.6	50.0	5.1	20.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCV 460-837797/18 Calibration Date: 04/07/2022 16:41

Instrument ID: CVOAGC1 Calib Start Date: 08/10/2021 15:03

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2021 16:57

Lab File ID: VF114124.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
GRO	6.81	3.55	10.07
a,a,a-Trifluorotoluene	5.66	5.56	5.76

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114124.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 07-Apr-2022 16:41:59 ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-0143719-018
Operator ID: VOAGC1 Instrument ID: CVOAGC1
Sublist: chrom-GRO1*sub1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 08-Apr-2022 06:04:56 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1621

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.658	5.658	0.000	31047403	50.0	52.6	
A	2 GRO	6.811	(3.552-10.070)		133040652	200.0	196.8	

Reagents:

VGGROSUi_00117 Amount Added: 5.00 Units: uL
VGGROi_00117 Amount Added: 20.00 Units: uL

Report Date: 08-Apr-2022 06:04:56 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114124.D

Injection Date: 07-Apr-2022 16:41:59 Instrument ID: CVOAGC1

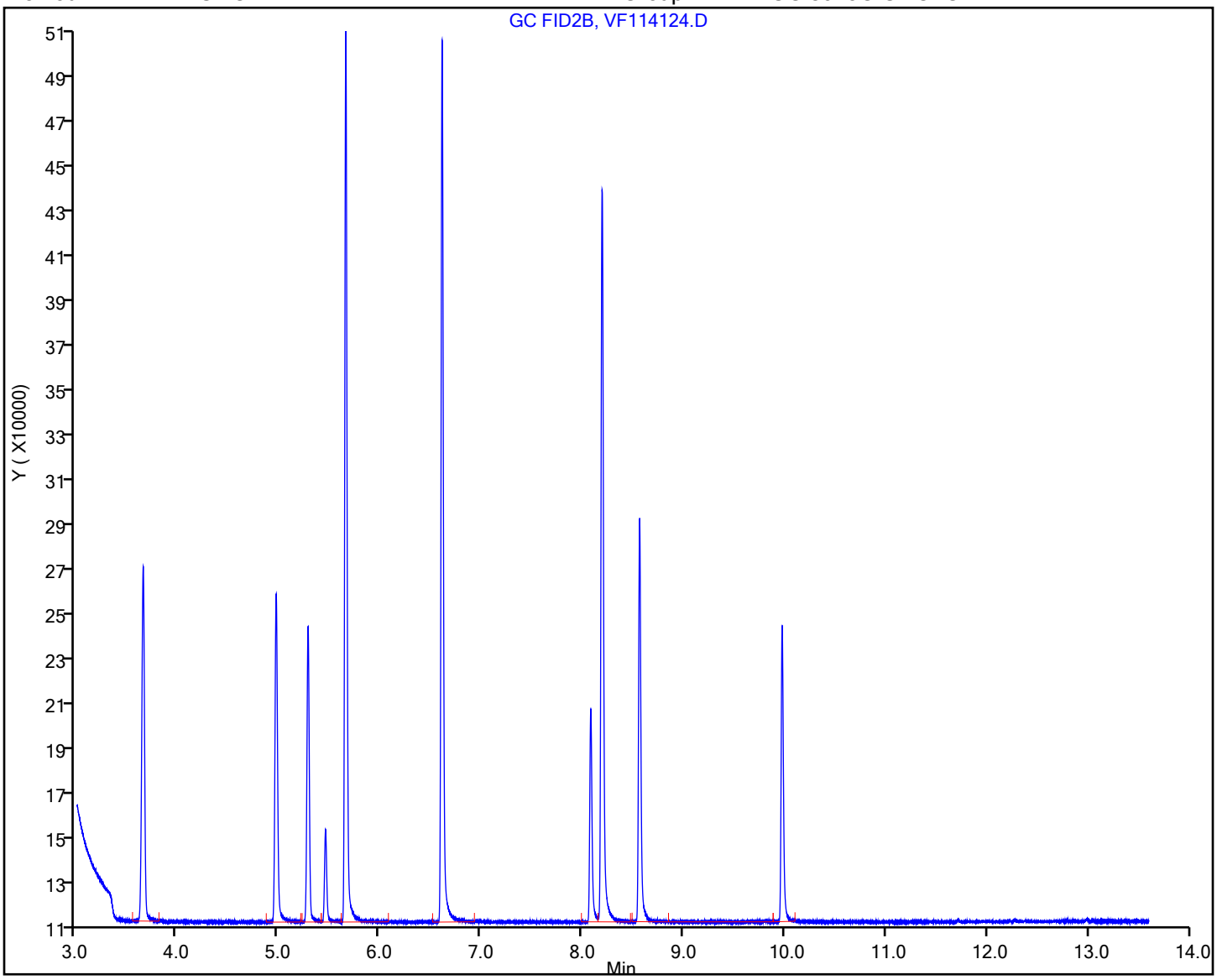
Lims ID: CCV

Client ID:

Operator ID: VOAGC1 ALS Bottle#: 18 Worklist Smp#: 18

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: GRO1 Limit Group: GC 8015C GRO ICAL



Report Date: 08-Apr-2022 06:04:56 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114124.D

Injection Date: 07-Apr-2022 16:41:59 Instrument ID: CVOAGC1

Lims ID: CCV

Client ID:

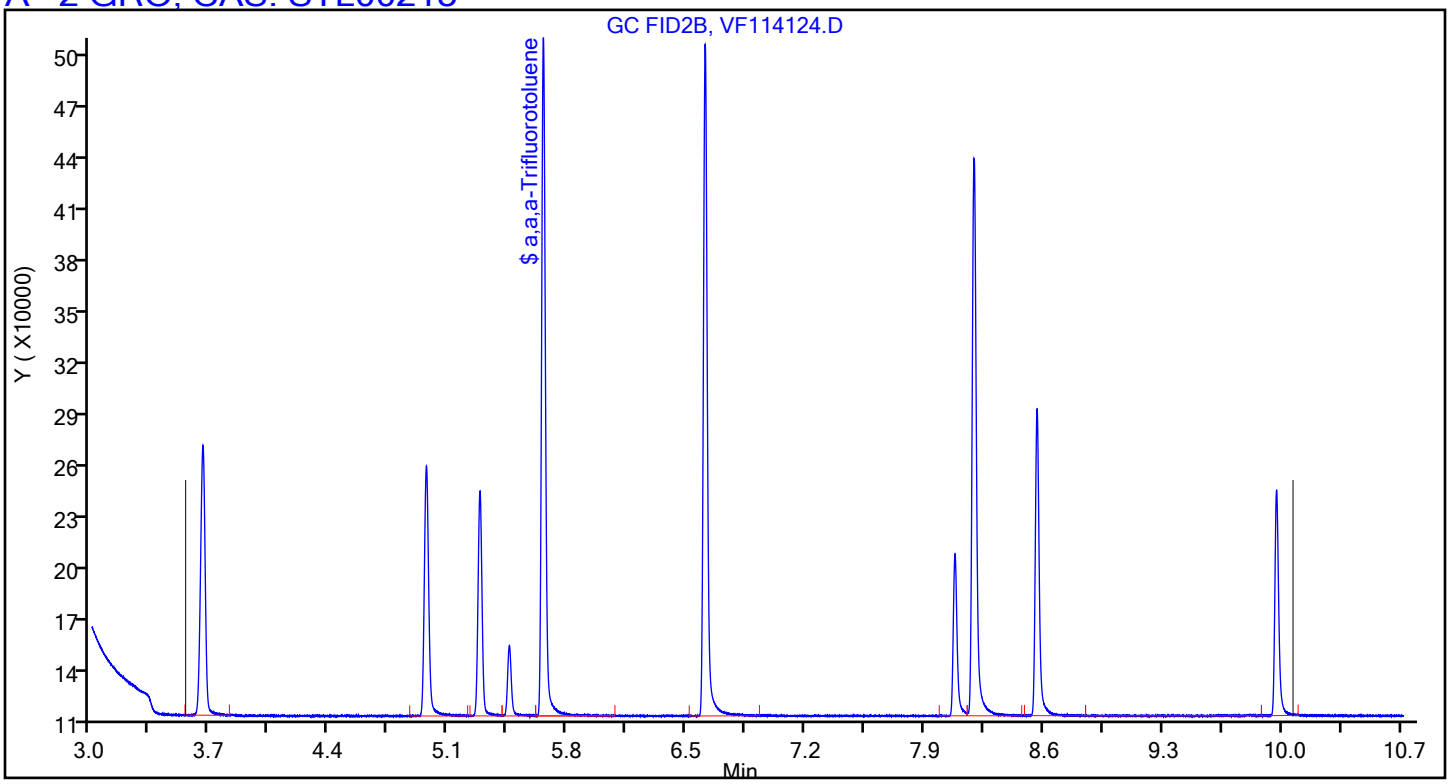
Operator ID: VOAGC1 ALS Bottle#: 18 Worklist Smp#: 18

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: GRO1 Limit Group: GC 8015C GRO ICAL

Column: Detector GC FID2B

A 2 GRO, CAS: STL00215



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCV 460-837797/27 Calibration Date: 04/07/2022 21:09

Instrument ID: CVOAGC1 Calib Start Date: 08/10/2021 15:03

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2021 16:57

Lab File ID: VF114133.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
GRO	Ave	675989	673733		199	200	-0.3	20.0
a,a,a-Trifluorotoluene	Ave	590786	536397		45.4	50.0	-9.2	20.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCV 460-837797/27 Calibration Date: 04/07/2022 21:09

Instrument ID: CVOAGC1 Calib Start Date: 08/10/2021 15:03

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2021 16:57

Lab File ID: VF114133.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
GRO	6.81	3.55	10.07
a,a,a-Trifluorotoluene	5.66	5.56	5.76

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114133.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 07-Apr-2022 21:09:40 ALS Bottle#: 27 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-0143719-027
Operator ID: VOAGC1 Instrument ID: CVOAGC1
Sublist: chrom-GRO1*sub1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 08-Apr-2022 06:04:59 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1621

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.658	5.658	0.000	26819859	50.0	45.4	
A	2 GRO	6.811	(3.552-10.070)		134746583	200.0	199.3	

Reagents:

VGGROSUi_00117 Amount Added: 5.00 Units: uL
VGGROi_00117 Amount Added: 20.00 Units: uL

Report Date: 08-Apr-2022 06:04:59 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114133.D

Injection Date: 07-Apr-2022 21:09:40 Instrument ID: CVOAGC1

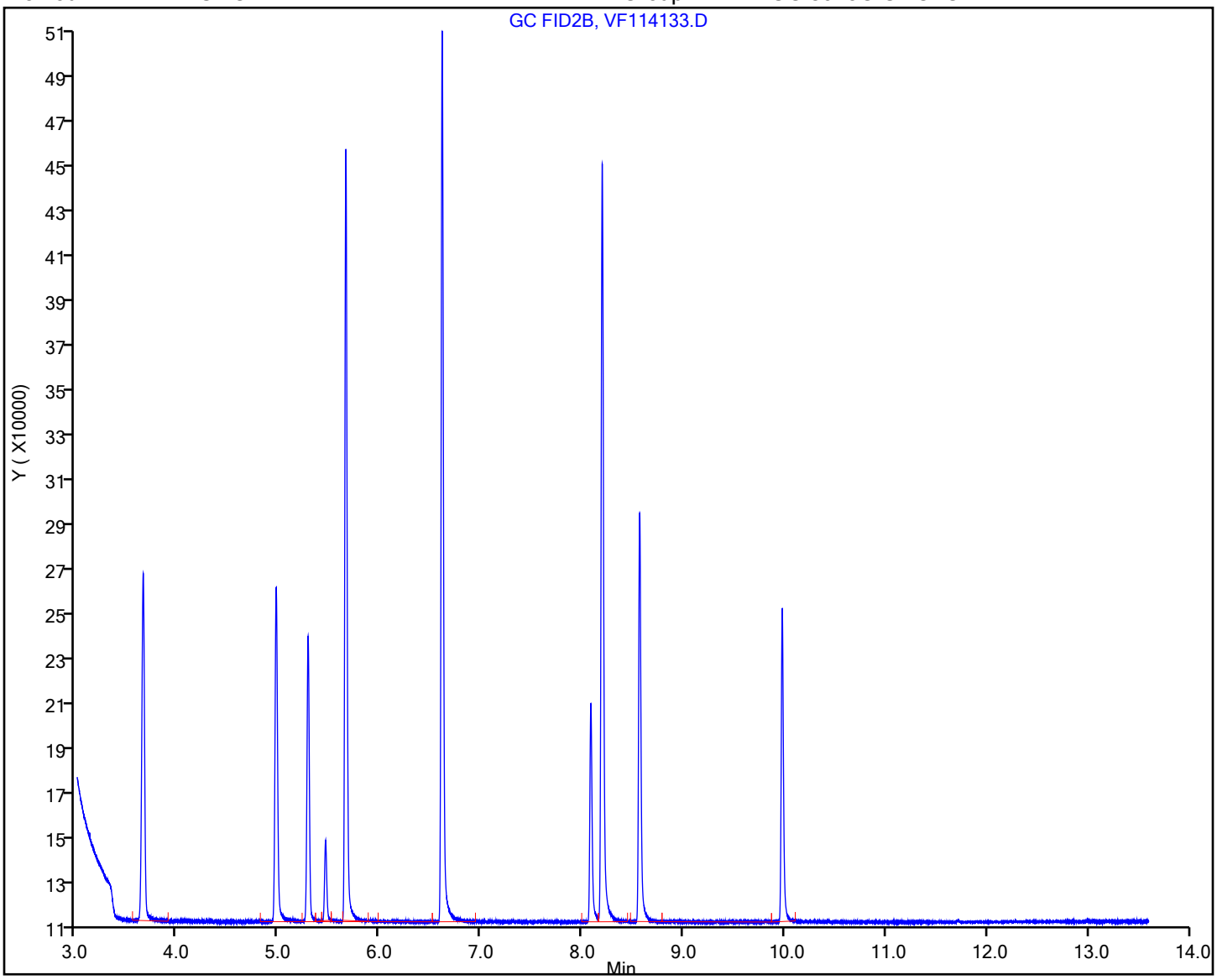
Lims ID: CCV

Client ID:

Operator ID: VOAGC1 ALS Bottle#: 27 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: GRO1 Limit Group: GC 8015C GRO ICAL



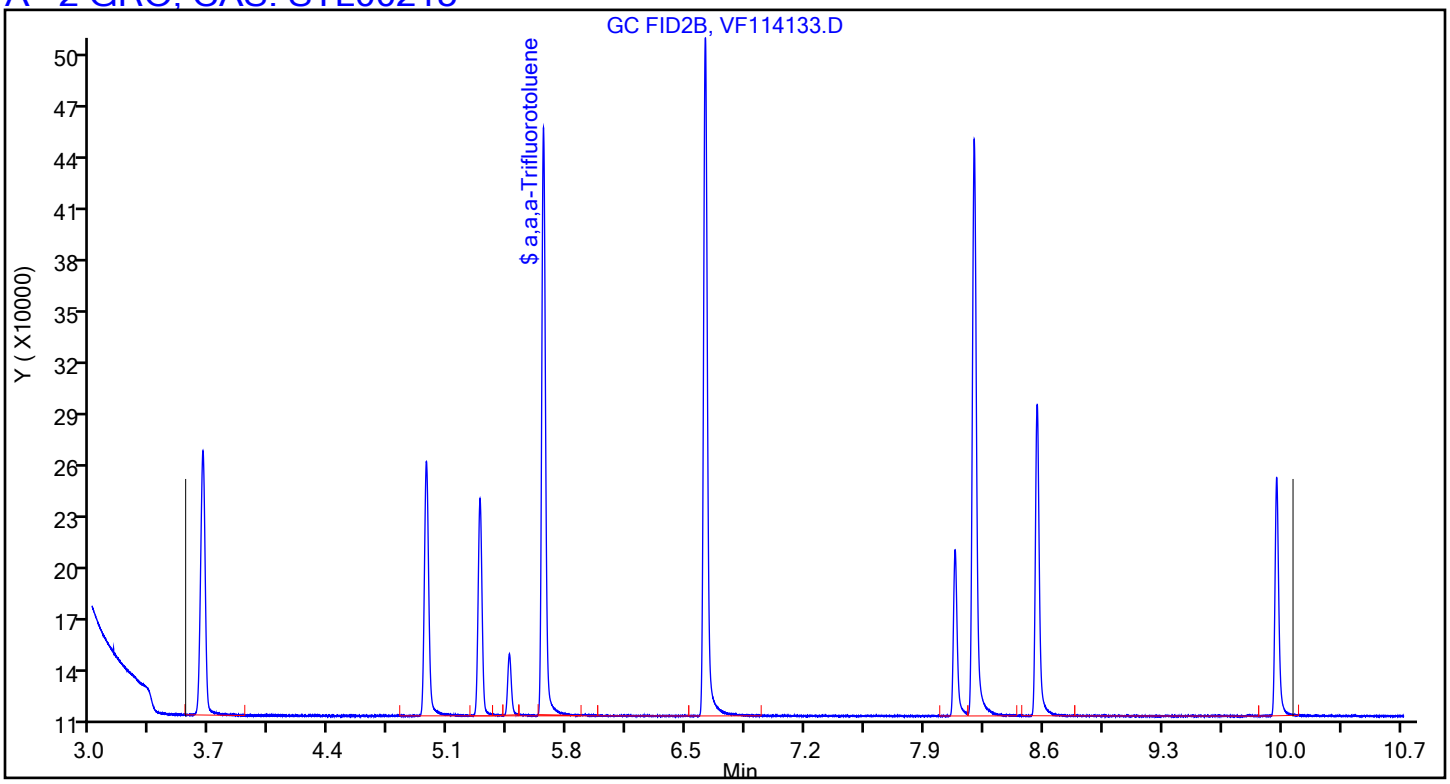
Report Date: 08-Apr-2022 06:04:59 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114133.D

Injection Date:	07-Apr-2022 21:09:40	Instrument ID:	CVOAGC1		
Lims ID:	CCV				
Client ID:					
Operator ID:	VOAGC1	ALS Bottle#:	27	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		
Column:		Detector	GC FID2B		

A 2 GRO, CAS: STL00215



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-837797/6

Matrix: Solid | Lab File ID: VF114112.D

Analysis Method: 8015D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/07/2022 10:52

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 837797 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	2500	U	2500	2500

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	104		67-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114112.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 07-Apr-2022 10:52:59 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-006
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 07-Apr-2022 09:12:50 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1674

First Level Reviewer: moroneyc Date: 07-Apr-2022 11:27:41

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.660	5.658	0.002	30644559	50.0	51.9	
A	2 GRO	6.811	(3.552-10.070)		285268		0.4220	

QC Flag Legend
Processing Flags

Reagents:
VGGROSUi_00117 Amount Added: 5.00 Units: uL

Report Date: 07-Apr-2022 11:27:42 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114112.D

Injection Date: 07-Apr-2022 10:52:59 Instrument ID: CVOAGC1

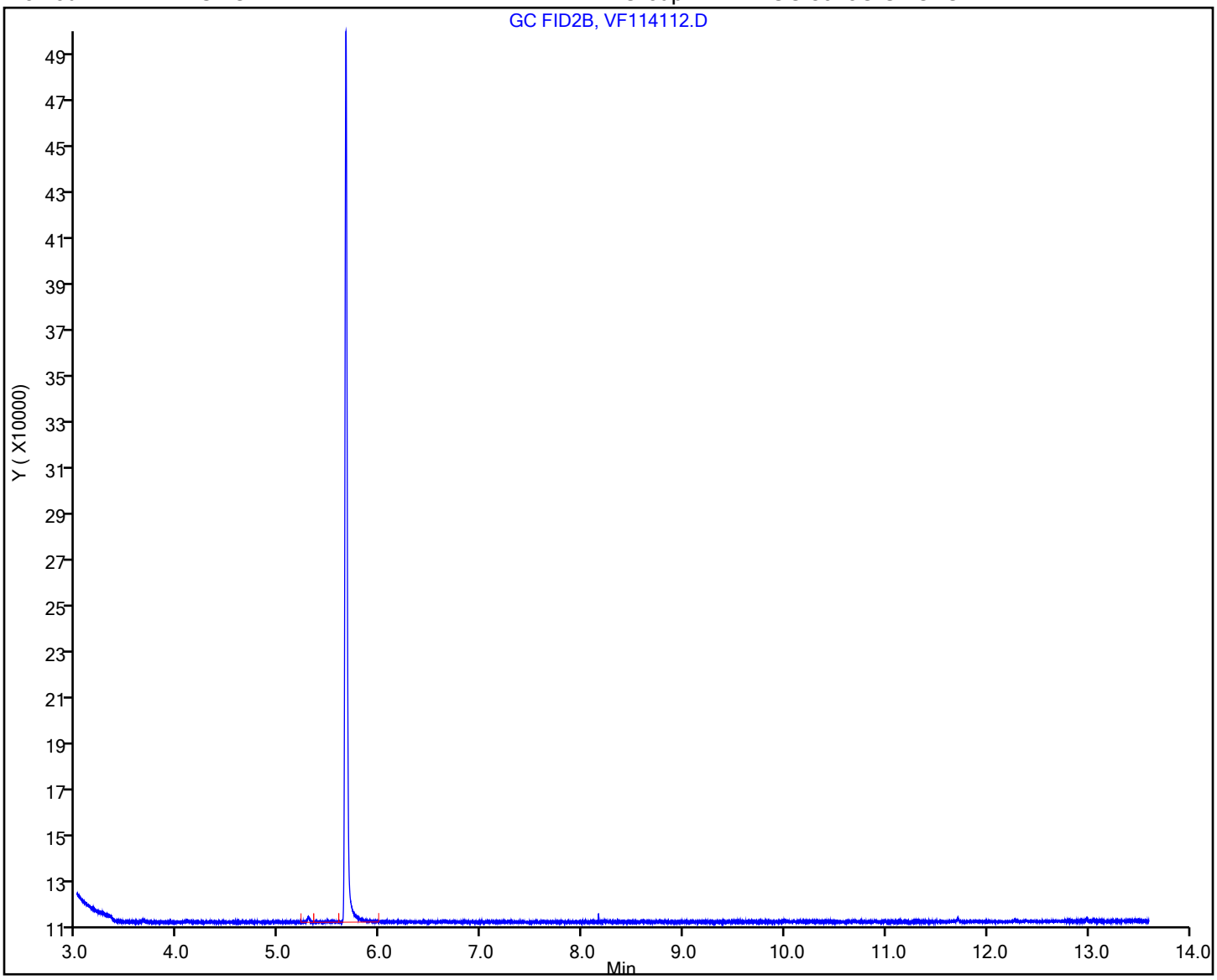
Lims ID: MB

Client ID:

Operator ID: VOAGC1 ALS Bottle#: 6 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: GRO1 Limit Group: GC 8015C GRO ICAL



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114112.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 07-Apr-2022 10:52:59 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-006
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 07-Apr-2022 09:12:50 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1674

First Level Reviewer: moroneyc Date: 07-Apr-2022 11:27:41

Compound	Amount Added	Amount Recovered	% Rec.
$ 1 a,a,a-Trifluorotoluene	50.0	51.9	103.74

Report Date: 07-Apr-2022 11:27:42 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114112.D

Injection Date: 07-Apr-2022 10:52:59 Instrument ID: CVOAGC1

Lims ID: MB

Client ID:

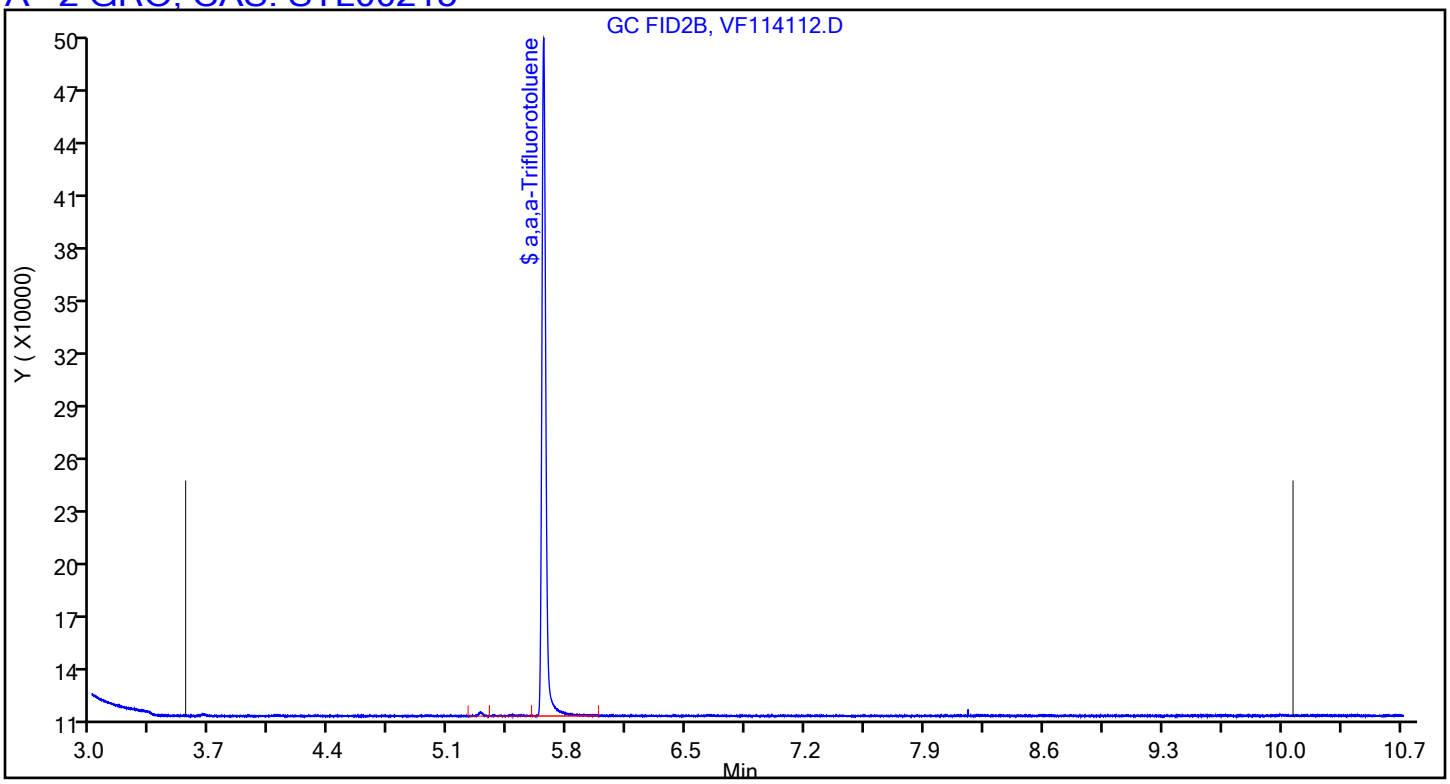
Operator ID: VOAGC1 ALS Bottle#: 6 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: GRO1 Limit Group: GC 8015C GRO ICAL

Column: Detector GC FID2B

A 2 GRO, CAS: STL00215



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-837797/3

Matrix: Solid | Lab File ID: VF114109.D

Analysis Method: 8015D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/07/2022 09:26

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 837797 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	19300		2500	2500

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	95		67-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114109.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 07-Apr-2022 09:26:58 ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-003
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 07-Apr-2022 07:47:04 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1674

First Level Reviewer: moroneyc Date: 07-Apr-2022 09:56:42

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
	38 2-Methylpentane	3.654	3.652	0.002	15016420		NC	
$	1 a,a,a-Trifluorotoluene	5.659	5.658	0.001	28114798	50.0	47.6	
A	2 GRO	6.811	(3.552-10.070)		130379703	200.0	192.9	
	39 1,2,4-Trimethylbenzene	9.974	9.970	0.004	10569532		NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

VGGROSUi_00117 Amount Added: 5.00 Units: uL
VSSGROi_00048 Amount Added: 20.00 Units: uL

Report Date: 07-Apr-2022 09:56:43 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114109.D

Injection Date: 07-Apr-2022 09:26:58 Instrument ID: CVOAGC1

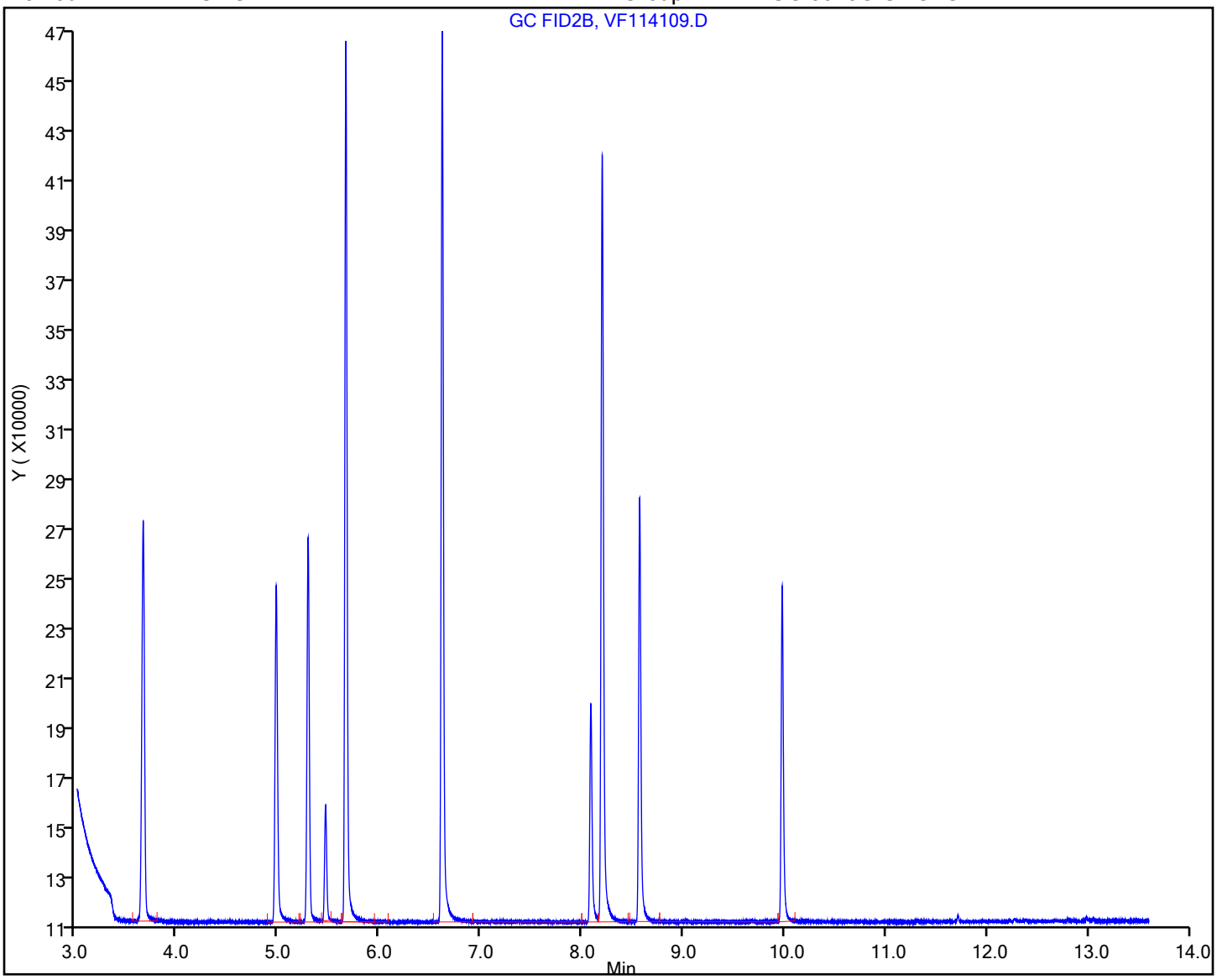
Lims ID: LCS

Client ID:

Operator ID: VOAGC1 ALS Bottle#: 3 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: GRO1 Limit Group: GC 8015C GRO ICAL



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114109.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 07-Apr-2022 09:26:58 ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-003
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 07-Apr-2022 07:47:04 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1674

First Level Reviewer: moroneyc Date: 07-Apr-2022 09:56:42

Compound	Amount Added	Amount Recovered	% Rec.
$ 1 a,a,a-Trifluorotoluene	50.0	47.6	95.18

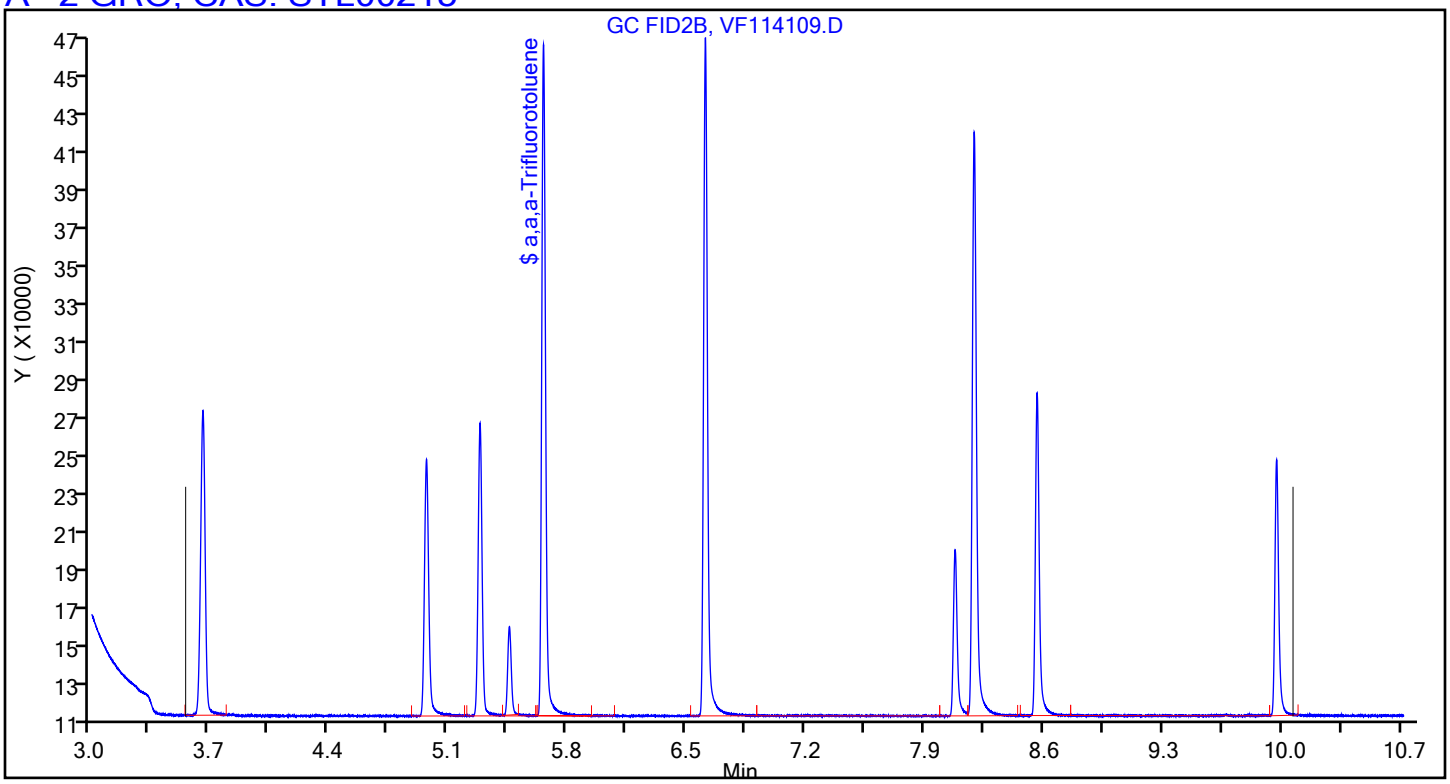
Report Date: 07-Apr-2022 09:56:43 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114109.D

Injection Date:	07-Apr-2022 09:26:58	Instrument ID:	CVOAGC1		
Lims ID:	LCS				
Client ID:					
Operator ID:	VOAGC1	ALS Bottle#:	3	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		
Column:		Detector	GC FID2B		

A 2 GRO, CAS: STL00215



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-837797/4

Matrix: Solid | Lab File ID: VF114110.D

Analysis Method: 8015D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/07/2022 09:55

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 837797 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	19500		2500	2500

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	101		67-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114110.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 07-Apr-2022 09:55:38 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-004
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 07-Apr-2022 08:14:32 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1674

First Level Reviewer: moroneyc Date: 07-Apr-2022 10:17:48

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38	2-Methylpentane	3.654	3.652	0.002	15202875		NC	
$ 1	a,a,a-Trifluorotoluene	5.659	5.658	0.001	29854702	50.0	50.5	
A 2	GRO	6.811	(3.552-10.070)		131531385	200.0	194.6	
39	1,2,4-Trimethylbenzene	9.974	9.970	0.004	10475959		NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

VGGROSUi_00117 Amount Added: 5.00 Units: uL
VSSGROi_00048 Amount Added: 20.00 Units: uL

Report Date: 07-Apr-2022 10:17:48 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114110.D

Injection Date: 07-Apr-2022 09:55:38 Instrument ID: CVOAGC1

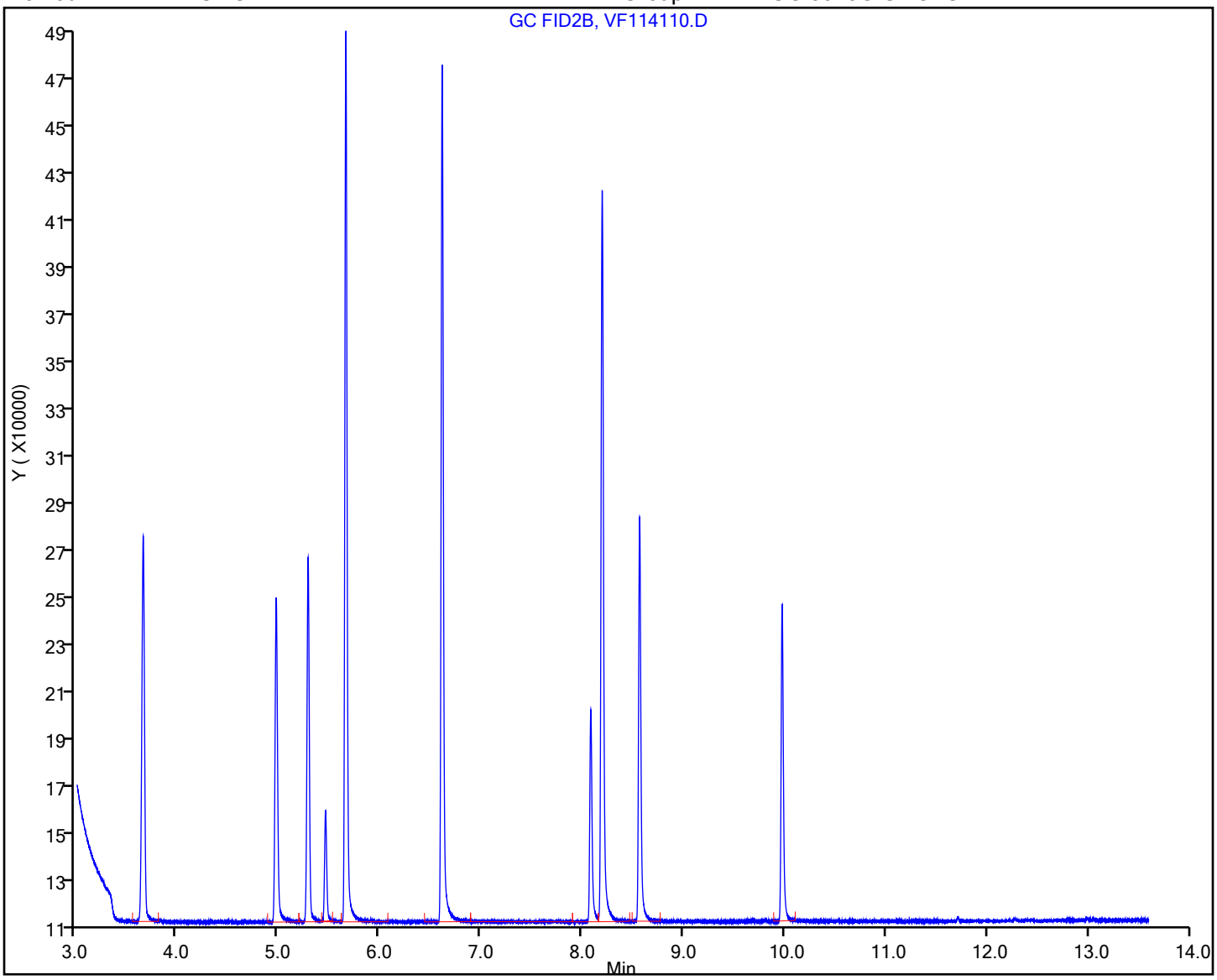
Lims ID: LCSD

Client ID:

Operator ID: VOAGC1 ALS Bottle#: 4 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: GRO1 Limit Group: GC 8015C GRO ICAL



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114110.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 07-Apr-2022 09:55:38 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0143719-004
Operator ID: VOAGC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 07-Apr-2022 08:14:32 Calib Date: 10-Aug-2021 16:57:28
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20210810-133098.b\VF1104174.D

Column 1 : Det: GC FID2B
Process Host: CTX1674

First Level Reviewer: moroneyc Date: 07-Apr-2022 10:17:48

Compound	Amount Added	Amount Recovered	% Rec.
$ 1 a,a,a-Trifluorotoluene	50.0	50.5	101.07

Report Date: 07-Apr-2022 10:17:49 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220407-143719.b\VF114110.D

Injection Date: 07-Apr-2022 09:55:38 Instrument ID: CVOAGC1

Lims ID: LCSD

Client ID:

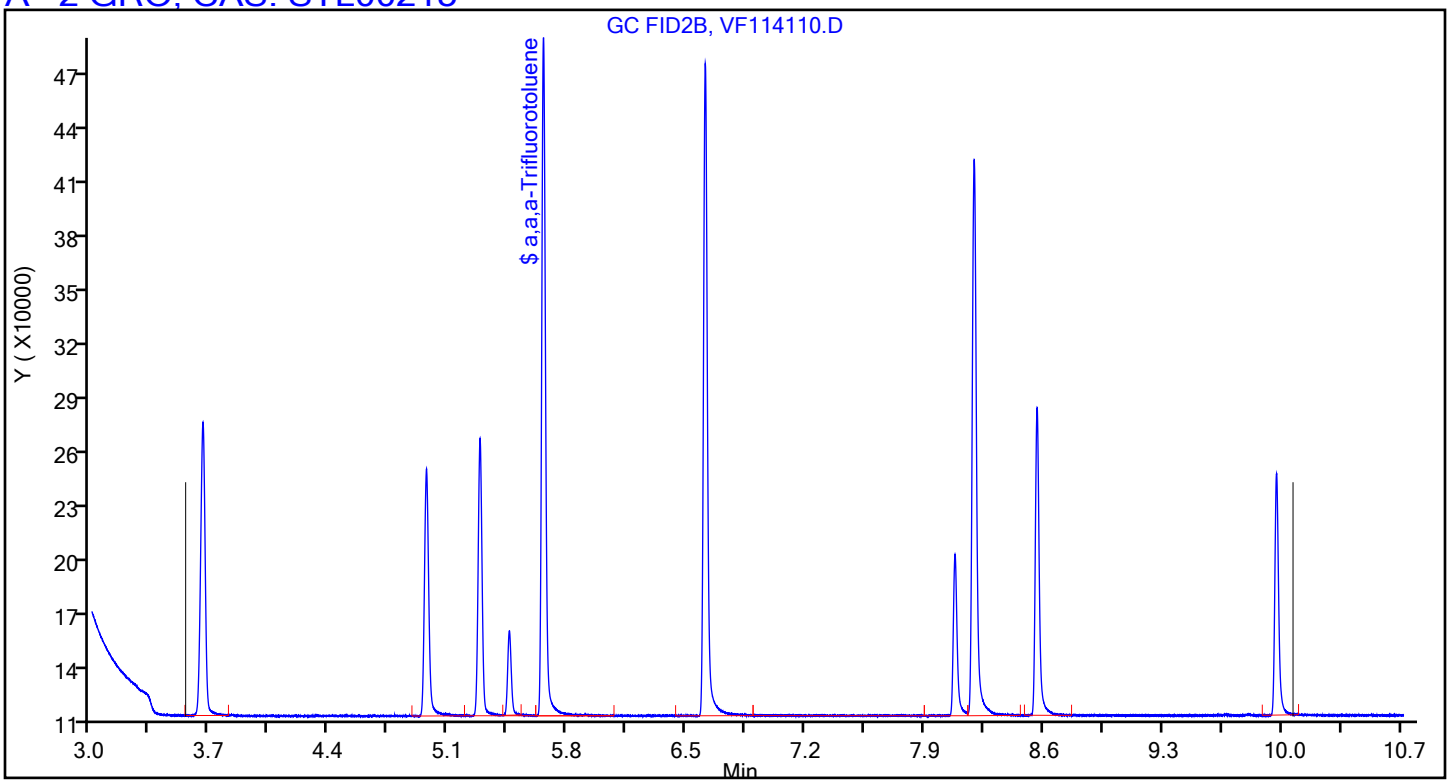
Operator ID: VOAGC1 ALS Bottle#: 4 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: GRO1 Limit Group: GC 8015C GRO ICAL

Column: Detector GC FID2B

A 2 GRO, CAS: STL00215



GASOLINE RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: CVOAGC1 Start Date: 08/10/2021 13:37

Analysis Batch Number: 795490 End Date: 08/11/2021 11:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RTC 460-795490/1		08/10/2021 13:37	1		Rtx-5MS 0.25(mm)
STDL1 460-795490/4 IC		08/10/2021 15:03	1	VF1104170.D	Rtx-5MS 0.25(mm)
STDL2 460-795490/5 IC		08/10/2021 15:31	1	VF1104171.D	Rtx-5MS 0.25(mm)
STDL3 460-795490/6 ICRT		08/10/2021 16:00	1	VF1104172.D	Rtx-5MS 0.25(mm)
STDL4 460-795490/7 IC		08/10/2021 16:28	1	VF1104173.D	Rtx-5MS 0.25(mm)
STDL5 460-795490/8 IC		08/10/2021 16:57	1	VF1104174.D	Rtx-5MS 0.25(mm)
ICV 460-795490/12		08/10/2021 18:52	1	VF1104178.D	Rtx-5MS 0.25(mm)
ZZZZZ		08/10/2021 19:21	50		Rtx-5MS 0.25(mm)
ZZZZZ		08/10/2021 19:49	50		Rtx-5MS 0.25(mm)
ZZZZZ		08/10/2021 20:45	50		Rtx-5MS 0.25(mm)
ZZZZZ		08/11/2021 09:31	50		Rtx-5MS 0.25(mm)
ZZZZZ		08/11/2021 09:58	50		Rtx-5MS 0.25(mm)
ZZZZZ		08/11/2021 10:27	50		Rtx-5MS 0.25(mm)
CCV 460-795490/21		08/11/2021 11:24	1		Rtx-5MS 0.25(mm)

GASOLINE RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: CVOAGC1 Start Date: 04/07/2022 08:58

Analysis Batch Number: 837797 End Date: 04/07/2022 21:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 460-837797/2		04/07/2022 08:58	1	VF114108.D	Rtx-5MS 0.25(mm)
LCS 460-837797/3		04/07/2022 09:26	50	VF114109.D	Rtx-5MS 0.25(mm)
LCSD 460-837797/4		04/07/2022 09:55	50	VF114110.D	Rtx-5MS 0.25(mm)
MB 460-837797/6		04/07/2022 10:52	50	VF114112.D	Rtx-5MS 0.25(mm)
460-255715-1	SB-8 (0-5)	04/07/2022 11:21	50	VF114113.D	Rtx-5MS 0.25(mm)
460-255715-2	SB-8 (8-8.5)	04/07/2022 11:49	50	VF114114.D	Rtx-5MS 0.25(mm)
460-255715-3	SB-11 (4-4.5)	04/07/2022 12:18	50	VF114115.D	Rtx-5MS 0.25(mm)
460-255715-4	SB-11 (9.5-10)	04/07/2022 12:48	50	VF114116.D	Rtx-5MS 0.25(mm)
460-255715-5	SB-14 (4-5)	04/07/2022 13:16	50	VF114117.D	Rtx-5MS 0.25(mm)
460-255715-6	SB-14 (6-10)	04/07/2022 13:45	50	VF114118.D	Rtx-5MS 0.25(mm)
460-255715-7	SB-15 (3-5)	04/07/2022 14:14	50	VF114119.D	Rtx-5MS 0.25(mm)
460-255715-8	SB-15 (12-13)	04/07/2022 14:43	50	VF114120.D	Rtx-5MS 0.25(mm)
460-255715-9	SB-9 (4-5)	04/07/2022 15:12	50	VF114121.D	Rtx-5MS 0.25(mm)
460-255715-10	SB-12 (0-5)	04/07/2022 15:42	50	VF114122.D	Rtx-5MS 0.25(mm)
CCV 460-837797/18		04/07/2022 16:41	1	VF114124.D	Rtx-5MS 0.25(mm)
460-255715-11	SB-12 (7-8)	04/07/2022 17:11	50	VF114125.D	Rtx-5MS 0.25(mm)
460-255715-12	SB-10(2.5-5)	04/07/2022 17:41	50	VF114126.D	Rtx-5MS 0.25(mm)
460-255715-13	SB-13 (2-2.5)	04/07/2022 18:11	50	VF114127.D	Rtx-5MS 0.25(mm)
460-255715-14	SB-13 (7-7.5)	04/07/2022 18:41	50	VF114128.D	Rtx-5MS 0.25(mm)
460-255715-15	SB-16 (3-5)	04/07/2022 19:10	50	VF114129.D	Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2022 19:40	50		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2022 20:10	50		Rtx-5MS 0.25(mm)
CCV 460-837797/27		04/07/2022 21:09	1	VF114133.D	Rtx-5MS 0.25(mm)

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 837702 Batch Start Date: 04/06/22 17:29 Batch Analyst: Cho, Jordan J

Batch Method: 5035 Batch End Date: 04/06/22 17:32

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	VGPrepSU 00289	
460-255715-C-1	SB-8 (0-5)	5035, 8015D	T	32.44 g	36.76 g	4.32 g	10 mL	10 mL	
460-255715-C-2	SB-8 (8-8.5)	5035, 8015D	T	32.50 g	35.80 g	3.3 g	10 mL	10 mL	
460-255715-C-3	SB-11 (4-4.5)	5035, 8015D	T	32.55 g	37.49 g	4.94 g	10 mL	10 mL	
460-255715-C-4	SB-11 (9.5-10)	5035, 8015D	T	32.70 g	36.85 g	4.15 g	10 mL	10 mL	
460-255715-C-5	SB-14 (4-5)	5035, 8015D	T	32.45 g	37.49 g	5.04 g	10 mL	10 mL	
460-255715-C-6	SB-14 (6-10)	5035, 8015D	T	32.77 g	37.42 g	4.65 g	10 mL	10 mL	
460-255715-C-7	SB-15 (3-5)	5035, 8015D	T	32.38 g	38.19 g	5.81 g	10 mL	10 mL	
460-255715-C-8	SB-15 (12-13)	5035, 8015D	T	36.67 g	40.90 g	4.23 g	10 mL	10 mL	
460-255715-C-9	SB-9 (4-5)	5035, 8015D	T	32.34 g	36.59 g	4.25 g	10 mL	10 mL	
460-255715-C-10	SB-12 (0-5)	5035, 8015D	T	32.52 g	36.94 g	4.42 g	10 mL	10 mL	
460-255715-C-11	SB-12 (7-8)	5035, 8015D	T	32.36 g	37.85 g	5.49 g	10 mL	10 mL	
460-255715-C-12	SB-10(2.5-5)	5035, 8015D	T	32.39 g	36.19 g	3.8 g	10 mL	10 mL	
460-255715-C-13	SB-13 (2-2.5)	5035, 8015D	T	32.50 g	36.94 g	4.44 g	10 mL	10 mL	
460-255715-C-14	SB-13 (7-7.5)	5035, 8015D	T	32.59 g	38.42 g	5.83 g	10 mL	10 mL	
460-255715-C-15	SB-16 (3-5)	5035, 8015D	T	32.45 g	37.07 g	4.62 g	10 mL	10 mL	

Batch Notes	
Balance ID	35
Blank Matrix ID	170485
Pipette/Syringe/Dispenser ID	6
Vial Lot Number	0128701G
Batch Comment	288059

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 837797 Batch Start Date: 04/07/22 08:58 Batch Analyst: Moroney, Christopher J

Batch Method: 8015D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VGGROi 00117	VGGROSUi 00117	VSSGROi 00048	
CCVRT 460-837797/2		8015D		5 mL	5 mL	20 uL	5 uL		
LCS 460-837797/3		8015D		5 mL	10 mL		5 uL	20 uL	
LCSD 460-837797/4		8015D		5 mL	10 mL		5 uL	20 uL	
MB 460-837797/6		8015D		5 mL	10 mL		5 uL		
460-255715-C-1-A	SB-8 (0-5)	8015D	T	5 mL	5 mL				
460-255715-C-2-A	SB-8 (8-8.5)	8015D	T	5 mL	5 mL				
460-255715-C-3-A	SB-11 (4-4.5)	8015D	T	5 mL	5 mL				
460-255715-C-4-A	SB-11 (9.5-10)	8015D	T	5 mL	5 mL				
460-255715-C-5-A	SB-14 (4-5)	8015D	T	5 mL	5 mL				
460-255715-C-6-A	SB-14 (6-10)	8015D	T	5 mL	5 mL				
460-255715-C-7-A	SB-15 (3-5)	8015D	T	5 mL	5 mL				
460-255715-C-8-A	SB-15 (12-13)	8015D	T	5 mL	5 mL				
460-255715-C-9-A	SB-9 (4-5)	8015D	T	5 mL	5 mL				
460-255715-C-10-A	SB-12 (0-5)	8015D	T	5 mL	5 mL				
CCV 460-837797/18		8015D		5 mL	5 mL	20 uL	5 uL		
460-255715-C-11-A	SB-12 (7-8)	8015D	T	5 mL	5 mL				
460-255715-C-12-A	SB-10 (7-7.5)	8015D	T	5 mL	5 mL				
460-255715-C-13-A	SB-13 (2-2.5)	8015D	T	5 mL	5 mL				
460-255715-C-14-A	SB-13 (7-7.5)	8015D	T	5 mL	5 mL				
460-255715-C-15-A	SB-16 (3-5)	8015D	T	5 mL	5 mL				
CCV 460-837797/27		8015D		5 mL	5 mL	20 uL	5 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 837797 Batch Start Date: 04/07/22 08:58 Batch Analyst: Moroney, Christopher J

Batch Method: 8015D Batch End Date:

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8015D_DRO

Diesel Range Orgnics (DRO) (GC)

FORM II
DIESEL RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-Mineral ID: 0.32(mm)

Client Sample ID	Lab Sample ID	OTPH #
SB-8 (0-5)	460-255715-1	106
SB-8 (8-8.5)	460-255715-2	94
SB-11 (4-4.5)	460-255715-3	92
SB-11 (9.5-10)	460-255715-4	100
SB-14 (4-5)	460-255715-5	99
SB-14 (6-10)	460-255715-6	111
SB-15 (3-5)	460-255715-7	98
SB-15 (12-13)	460-255715-8	100
SB-9 (4-5)	460-255715-9	95
SB-12 (0-5)	460-255715-10	108
SB-12 (7-8)	460-255715-11	102
SB-10(2.5-5)	460-255715-12	104
SB-13 (2-2.5)	460-255715-13	104
SB-13 (7-7.5)	460-255715-14	95
SB-16 (3-5)	460-255715-15	102
	MB 460-837716/1-A	102
	MB 460-839877/1-A	108
	LCS 460-837716/2-A	89
	LCS 460-839877/2-A	101
	LCSD 460-837716/3-A	96
	LCSD 460-839877/3-A	111
	460-255621-A-1-A MS	92
	460-256383-B-1-A MS	111
	460-255621-A-1-B MSD	101
	460-256383-B-1-B MSD	112

	QC LIMITS
OTPH = o-Terphenyl	10-150

Column to be used to flag recovery values

FORM II 8015D

FORM III
DIESEL RANGE ORGANICS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 3R002873.D

Lab ID: LCS 460-837716/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
C10-C44	86.7	59.2	68	43-100	

Column to be used to flag recovery and RPD values

FORM III 8015D

FORM III
DIESEL RANGE ORGANICS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 2F146257.D

Lab ID: LCS 460-839877/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
C10-C44	86.7	63.5	73	43-100	

Column to be used to flag recovery and RPD values

FORM III 8015D

FORM III
DIESEL RANGE ORGANICS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 3R002874.D

Lab ID: LCSD 460-837716/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
C10-C44	86.7	62.0	72	5	30	43-100	

Column to be used to flag recovery and RPD values

FORM III 8015D

FORM III
DIESEL RANGE ORGANICS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 2F146258.D

Lab ID: LCSD 460-839877/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
C10-C44	86.7	69.1	80	8	30	43-100	

Column to be used to flag recovery and RPD values

FORM III 8015D

FORM III
DIESEL RANGE ORGANICS MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 3R002877.D

Lab ID: 460-255621-A-1-A MS Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
C10-C44	104	23	94.3	69	43-100	

Column to be used to flag recovery and RPD values

FORM III 8015D

FORM III
DIESEL RANGE ORGANICS MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 2F146259.D

Lab ID: 460-256383-B-1-A MS Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
C10-C44	89.2	220	289	72	43-100	

Column to be used to flag recovery and RPD values

FORM III 8015D

FORM III
DIESEL RANGE ORGANICS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 3R002878.D

Lab ID: 460-255621-A-1-B MSD Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
C10-C44	104	98.0	72	4	30	43-100	

Column to be used to flag recovery and RPD values

FORM III 8015D

FORM III
DIESEL RANGE ORGANICS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 2F146260.D

Lab ID: 460-256383-B-1-B MSD Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
C10-C44	89.3	266	46	8	30	43-100	

Column to be used to flag recovery and RPD values

FORM III 8015D

FORM IV
DIESEL RANGE ORGANICS METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab File ID: 3R002875.D Lab Sample ID: MB 460-837716/1-A

Matrix: Solid Date Extracted: 04/06/2022 18:25

Instrument ID: CBNAGC3 Date Analyzed: 04/07/2022 19:50

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-837716/2-A	3R002873.D	04/07/2022 19:05
	LCSD 460-837716/3-A	3R002874.D	04/07/2022 19:28
	460-255621-A-1-A MS	3R002877.D	04/07/2022 20:33
	460-255621-A-1-B MSD	3R002878.D	04/07/2022 20:54
SB-8 (8-8.5)	460-255715-2	3R002888.D	04/08/2022 00:28
SB-11 (4-4.5)	460-255715-3	3R002889.D	04/08/2022 00:49
SB-11 (9.5-10)	460-255715-4	3R002892.D	04/08/2022 01:53
SB-14 (4-5)	460-255715-5	3R002893.D	04/08/2022 02:15
SB-14 (6-10)	460-255715-6	3R002894.D	04/08/2022 02:36
SB-15 (3-5)	460-255715-7	3R002895.D	04/08/2022 02:57
SB-15 (12-13)	460-255715-8	3R002896.D	04/08/2022 03:18
SB-9 (4-5)	460-255715-9	3R002897.D	04/08/2022 03:39
SB-12 (0-5)	460-255715-10	3R002898.D	04/08/2022 04:01
SB-12 (7-8)	460-255715-11	3R002899.D	04/08/2022 04:22
SB-10(2.5-5)	460-255715-12	3R002900.D	04/08/2022 04:43
SB-8 (0-5)	460-255715-1	3R002904.D	04/08/2022 09:54

FORM IV
DIESEL RANGE ORGANICS METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab File ID: 2F146256.D Lab Sample ID: MB 460-839877/1-A

Matrix: Solid Date Extracted: 04/18/2022 22:17

Instrument ID: CBNAGC2 Date Analyzed: 04/19/2022 07:36

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-839877/2-A	2F146257.D	04/19/2022 07:49
	LCSD 460-839877/3-A	2F146258.D	04/19/2022 08:01
	460-256383-B-1-A MS	2F146259.D	04/19/2022 08:14
	460-256383-B-1-B MSD	2F146260.D	04/19/2022 08:27
SB-13 (2-2.5)	460-255715-13	2F146262.D	04/19/2022 08:52
SB-13 (7-7.5)	460-255715-14	2F146263.D	04/19/2022 09:05
SB-16 (3-5)	460-255715-15	2F146264.D	04/19/2022 09:17

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Sample No.: CCVRT 460-839919/2 Date Analyzed: 04/19/2022 07:17

Instrument ID: CBNAGC2 GC Column: Rtx-Mineral Oil ID: 0.32(mm)

Lab File ID (Standard): 2F146255.D Heated Purge: (Y/N) N

Calibration ID: 88781

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				3.12		
UPPER LIMIT				3.22		
LOWER LIMIT				3.02		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-839919/2		04/19/2022 07:17	2F146255.D	3.12		
MB 460-839877/1-A		04/19/2022 07:36	2F146256.D	3.12		
LCS 460-839877/2-A		04/19/2022 07:49	2F146257.D	3.12		
LCSD 460-839877/3-A		04/19/2022 08:01	2F146258.D	3.12		
460-256383-B-1-A MS		04/19/2022 08:14	2F146259.D	3.12		
460-256383-B-1-B MSD		04/19/2022 08:27	2F146260.D	3.12		
460-255715-13	SB-13 (2-2.5)	04/19/2022 08:52	2F146262.D	3.12		
460-255715-14	SB-13 (7-7.5)	04/19/2022 09:05	2F146263.D	3.12		
460-255715-15	SB-16 (3-5)	04/19/2022 09:17	2F146264.D	3.12		
PIBLK 460-839919/28		04/19/2022 12:52	2F146281.D	3.12		
CCV 460-839919/29		04/19/2022 13:05	2F146282.D	3.12		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015D

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Sample No.: CCVRT 460-837799/2 Date Analyzed: 04/07/2022 07:31

Instrument ID: CBNAGC3 GC Column: Rtx-Mineral Oil ID: 0.32(mm)

Lab File ID (Standard): 3R002848.D Heated Purge: (Y/N) N

Calibration ID: 89310

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				3.38		
UPPER LIMIT				3.48		
LOWER LIMIT				3.28		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-837799/2		04/07/2022 07:31	3R002848.D	3.38		
PIBLK 460-837799/20		04/07/2022 16:25	3R002866.D	3.38		
CCV 460-837799/21		04/07/2022 16:47	3R002867.D	3.38		
LCS 460-837716/2-A		04/07/2022 19:05	3R002873.D	3.38		
LCSD 460-837716/3-A		04/07/2022 19:28	3R002874.D	3.38		
MB 460-837716/1-A		04/07/2022 19:50	3R002875.D	3.38		
460-255621-A-1-A MS		04/07/2022 20:33	3R002877.D	3.38		
460-255621-A-1-B MSD		04/07/2022 20:54	3R002878.D	3.38		
PIBLK 460-837799/32		04/07/2022 21:16	3R002879.D	3.38		
CCV 460-837799/33		04/07/2022 21:37	3R002880.D	3.38		
460-255715-2	SB-8 (8-8.5)	04/08/2022 00:28	3R002888.D	3.38		
460-255715-3	SB-11 (4-4.5)	04/08/2022 00:49	3R002889.D	3.38		
PIBLK 460-837799/43		04/08/2022 01:11	3R002890.D	3.38		
CCV 460-837799/44		04/08/2022 01:32	3R002891.D	3.38		
460-255715-4	SB-11 (9.5-10)	04/08/2022 01:53	3R002892.D	3.38		
460-255715-5	SB-14 (4-5)	04/08/2022 02:15	3R002893.D	3.38		
460-255715-6	SB-14 (6-10)	04/08/2022 02:36	3R002894.D	3.38		
460-255715-7	SB-15 (3-5)	04/08/2022 02:57	3R002895.D	3.38		
460-255715-8	SB-15 (12-13)	04/08/2022 03:18	3R002896.D	3.38		
460-255715-9	SB-9 (4-5)	04/08/2022 03:39	3R002897.D	3.38		
460-255715-10	SB-12 (0-5)	04/08/2022 04:01	3R002898.D	3.38		
460-255715-11	SB-12 (7-8)	04/08/2022 04:22	3R002899.D	3.38		
460-255715-12	SB-10(2.5-5)	04/08/2022 04:43	3R002900.D	3.37		
PIBLK 460-837799/55		04/08/2022 08:55	3R002902.D	3.38		
CCV 460-837799/56		04/08/2022 09:17	3R002903.D	3.38		
460-255715-1	SB-8 (0-5)	04/08/2022 09:54	3R002904.D	3.37		
PIBLK 460-837799/59		04/08/2022 10:39	3R002906.D	3.37		
CCV 460-837799/60		04/08/2022 11:01	3R002907.D	3.38		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015D

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-8 (0-5) | Lab Sample ID: 460-255715-1

Matrix: Solid | Lab File ID: 3R002904.D

Analysis Method: 8015D | Date Collected: 04/05/2022 09:10

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:25

Sample wt/vol: 15.06(g) | Date Analyzed: 04/08/2022 09:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: 7.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837799 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	21		9.3	0.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	106		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002904.D
Lims ID: 460-255715-A-1-A
Client ID: SB-8 (0-5)
Sample Type: Client
Inject. Date: 08-Apr-2022 09:54:07 ALS Bottle#: 7 Worklist Smp#: 57
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-057
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 11:33:48 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

First Level Reviewer: infantew Date: 08-Apr-2022 11:33:36

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	4 o-Terphenyl					
	3.371	3.380	-0.009	421575	21.1	
A	5 C10-C44					M
	3.843	(1.275-6.411)		5309804	297.4	M

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

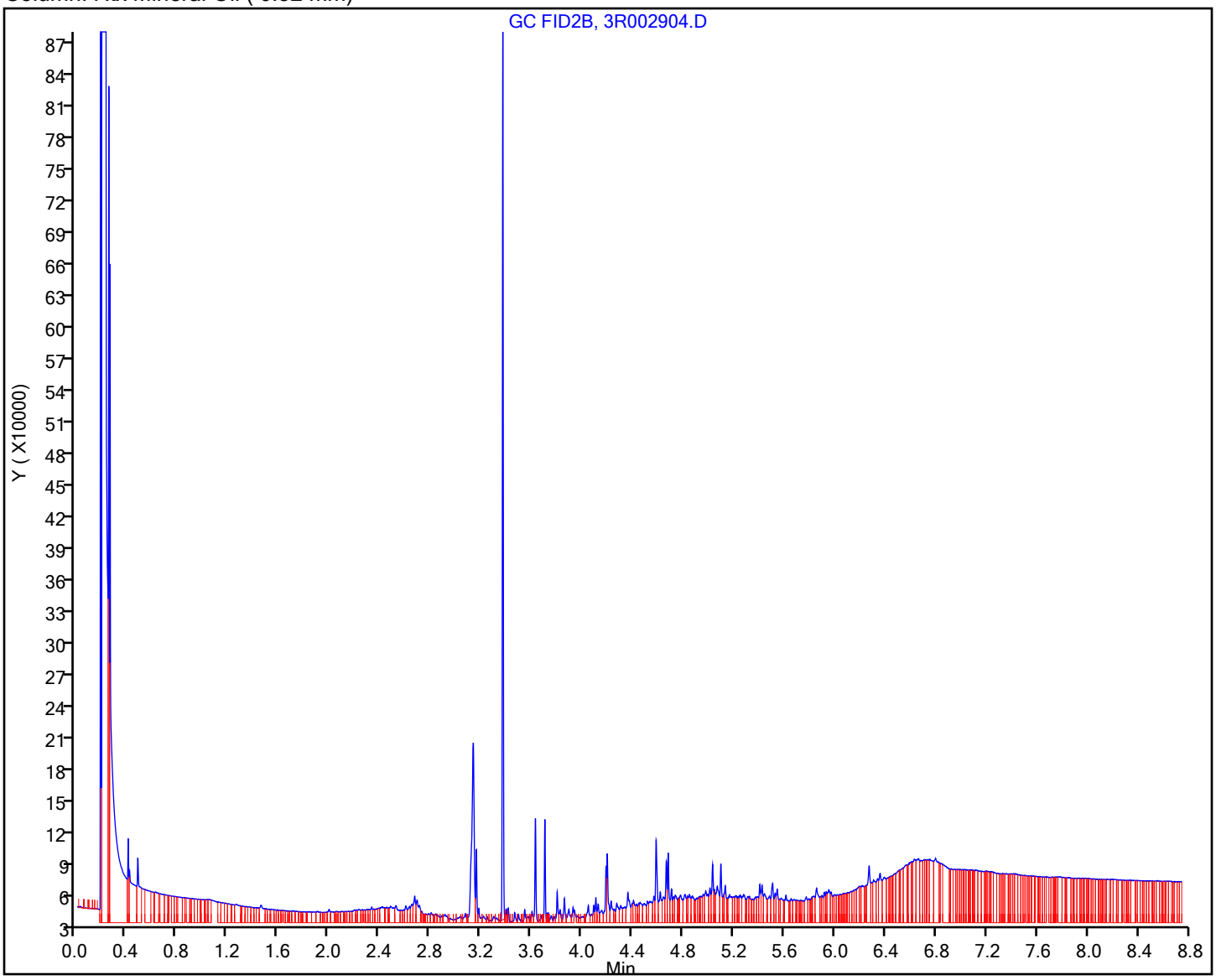
Report Date: 08-Apr-2022 11:33:56 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002904.D

Injection Date:	08-Apr-2022 09:54:07	Instrument ID:	CBNAGC3		
Lims ID:	460-255715-A-1-A	Lab Sample ID:	460-255715-1		
Client ID:	SB-8 (0-5)				
Operator ID:	615	ALS Bottle#:	7	Worklist Smp#:	57
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002904.D				
Lims ID:	460-255715-A-1-A				
Client ID:	SB-8 (0-5)				
Sample Type:	Client				
Inject. Date:	08-Apr-2022 09:54:07	ALS Bottle#:	7	Worklist Smp#:	57
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0143721-057				
Operator ID:	615	Instrument ID:	CBNAGC3		
Method:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m				
Limit Group:	GC 8015C DRO ICAL				
Last Update:	08-Apr-2022 11:33:48	Calib Date:	24-Feb-2022 11:55:53		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D				
Column 1 :	Rtx Mineral Oil (0.32 mm)		Det: GC FID1A		
Process Host:	CTX1641				

First Level Reviewer: infantew Date: 08-Apr-2022 11:33:36

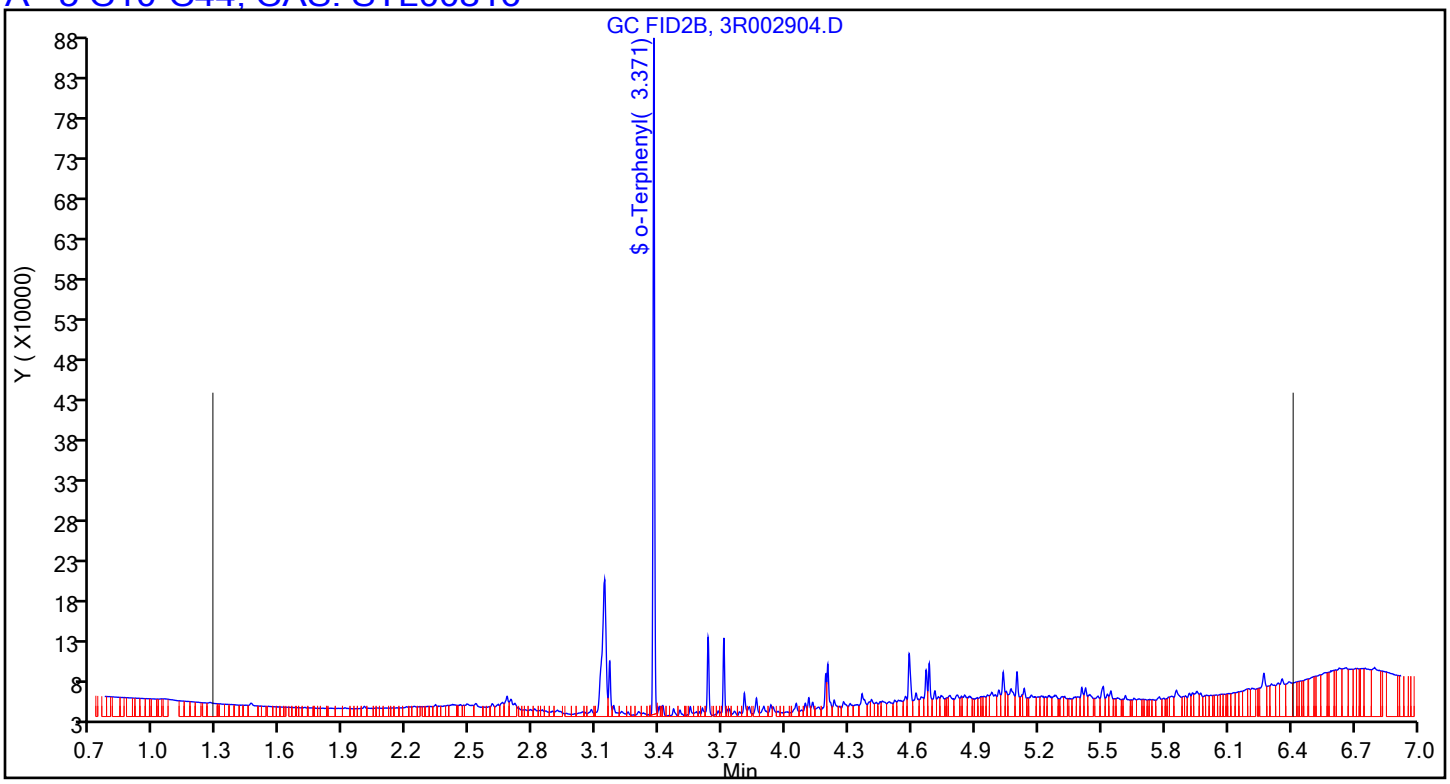
Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	21.1	105.70

Report Date: 08-Apr-2022 11:33:56 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002904.D				
Injection Date:	08-Apr-2022 09:54:07	Instrument ID:	CBNAGC3		
Lims ID:	460-255715-A-1-A	Lab Sample ID:	460-255715-1		
Client ID:	SB-8 (0-5)				
Operator ID:	615	ALS Bottle#:	7	Worklist Smp#:	57
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816



Manual Integration/User Assign Peak Report

Eurofins Edison

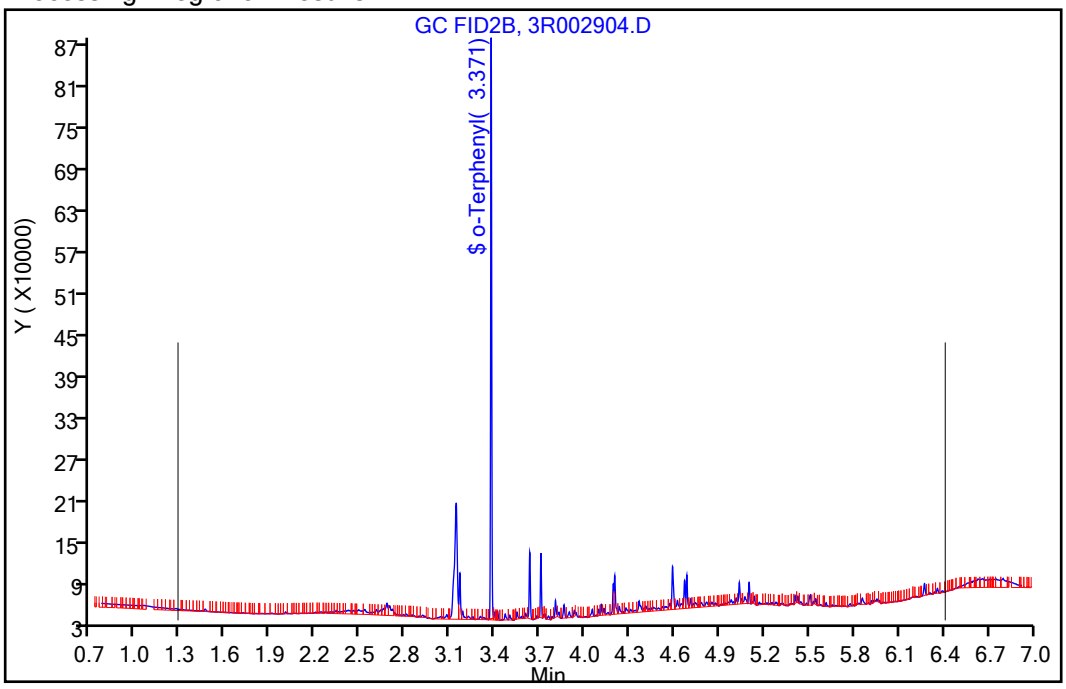
Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002904.D				
Injection Date:	08-Apr-2022 09:54:07	Instrument ID:	CBNAGC3		
Lims ID:	460-255715-A-1-A	Lab Sample ID:	460-255715-1		
Client ID:	SB-8 (0-5)				
Operator ID:	615	ALS Bottle#:	7	Worklist Smp#:	57
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, RT: 3.843, CAS: STL00816

Signal: 1

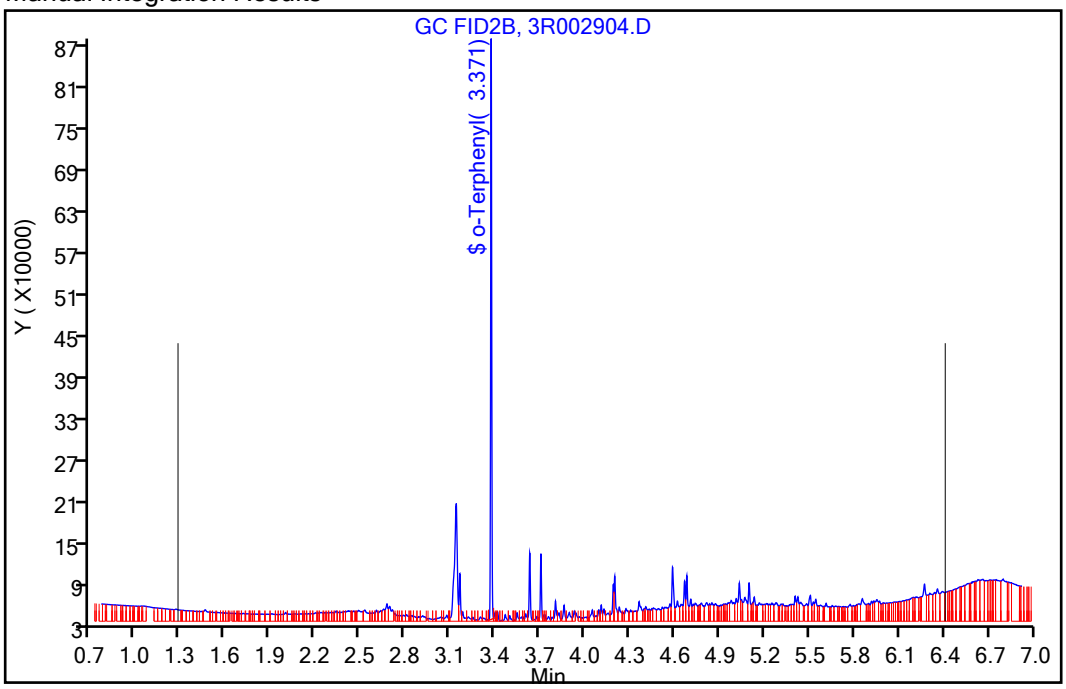
Processing Integration Results

RT: 3.84
Response: 1228251
Amount: 68.784815



Manual Integration Results

RT: 3.84
Response: 5309804
Amount: 297.3610



Reviewer: infantew, 08-Apr-2022 11:33:35

Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-8 (8-8.5) | Lab Sample ID: 460-255715-2

Matrix: Solid | Lab File ID: 3R002888.D

Analysis Method: 8015D | Date Collected: 04/05/2022 09:20

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:25

Sample wt/vol: 15.02(g) | Date Analyzed: 04/08/2022 00:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: 2.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837799 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	0.56	U	8.9	0.56

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	94		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002888.D				
Lims ID:	460-255715-A-2-A				
Client ID:	SB-8 (8-8.5)				
Sample Type:	Client				
Inject. Date:	08-Apr-2022 00:28:28	ALS Bottle#:	91	Worklist Smp#:	41
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0143721-041				
Operator ID:	615	Instrument ID:	CBNAGC3		
Method:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m				
Limit Group:	GC 8015C DRO ICAL				
Last Update:	08-Apr-2022 10:40:35	Calib Date:	24-Feb-2022 11:55:53		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D				
Column 1 :	Rtx Mineral Oil (0.32 mm)		Det: GC FID1A		
Process Host:	CTX1641				
First Level Reviewer: infantew		Date:	08-Apr-2022 10:38:26		

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$ 4 o-Terphenyl					
3.376	3.380	-0.004	375935	18.9	

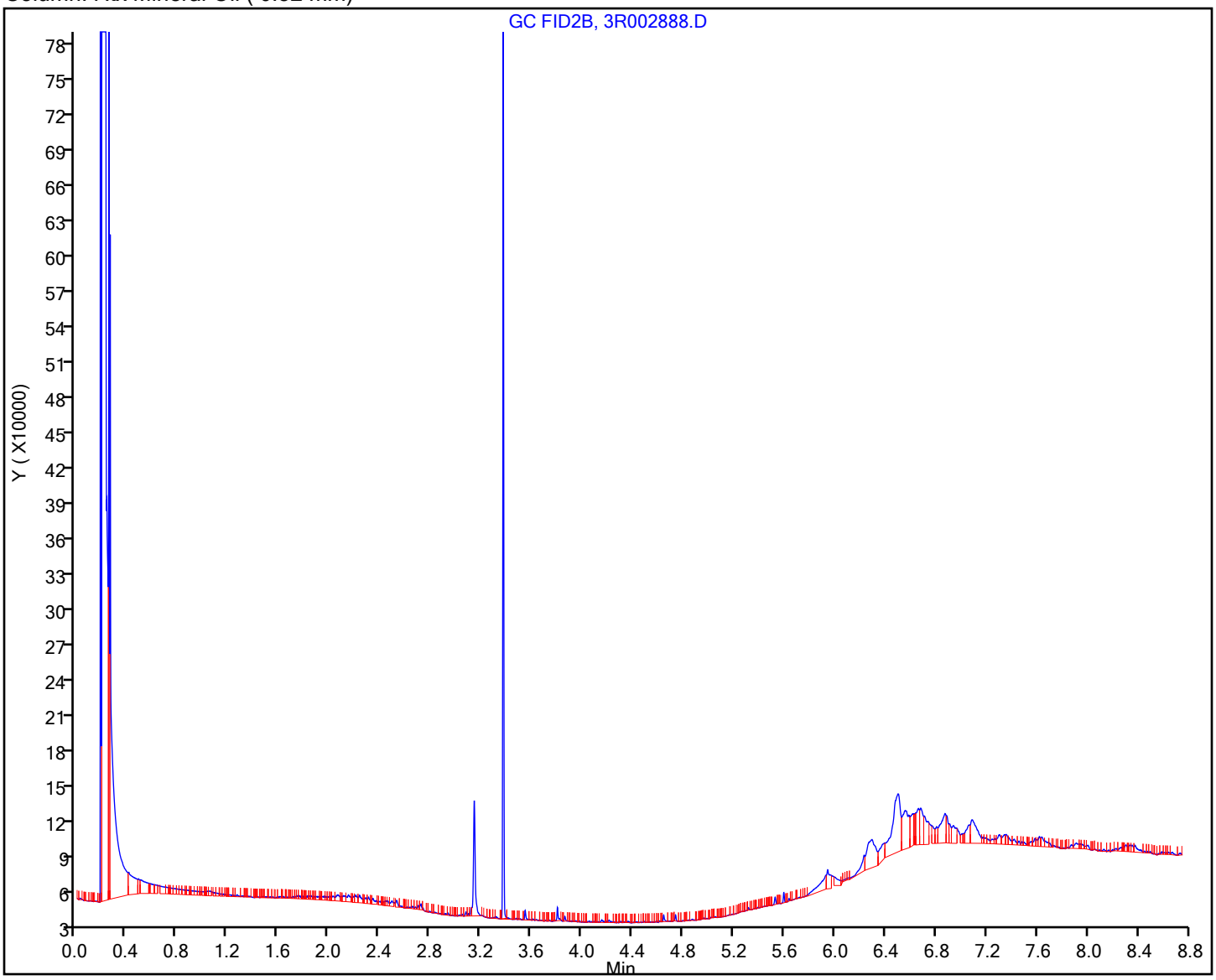
Report Date: 08-Apr-2022 10:40:36 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002888.D

Injection Date:	08-Apr-2022 00:28:28	Instrument ID:	CBNAGC3		
Lims ID:	460-255715-A-2-A	Lab Sample ID:	460-255715-2		
Client ID:	SB-8 (8-8.5)				
Operator ID:	615	ALS Bottle#:	91	Worklist Smp#:	41
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002888.D
Lims ID: 460-255715-A-2-A
Client ID: SB-8 (8-8.5)
Sample Type: Client
Inject. Date: 08-Apr-2022 00:28:28 ALS Bottle#: 91 Worklist Smp#: 41
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-041
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:35 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

First Level Reviewer: infantew Date: 08-Apr-2022 10:38:26

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	18.9	94.25

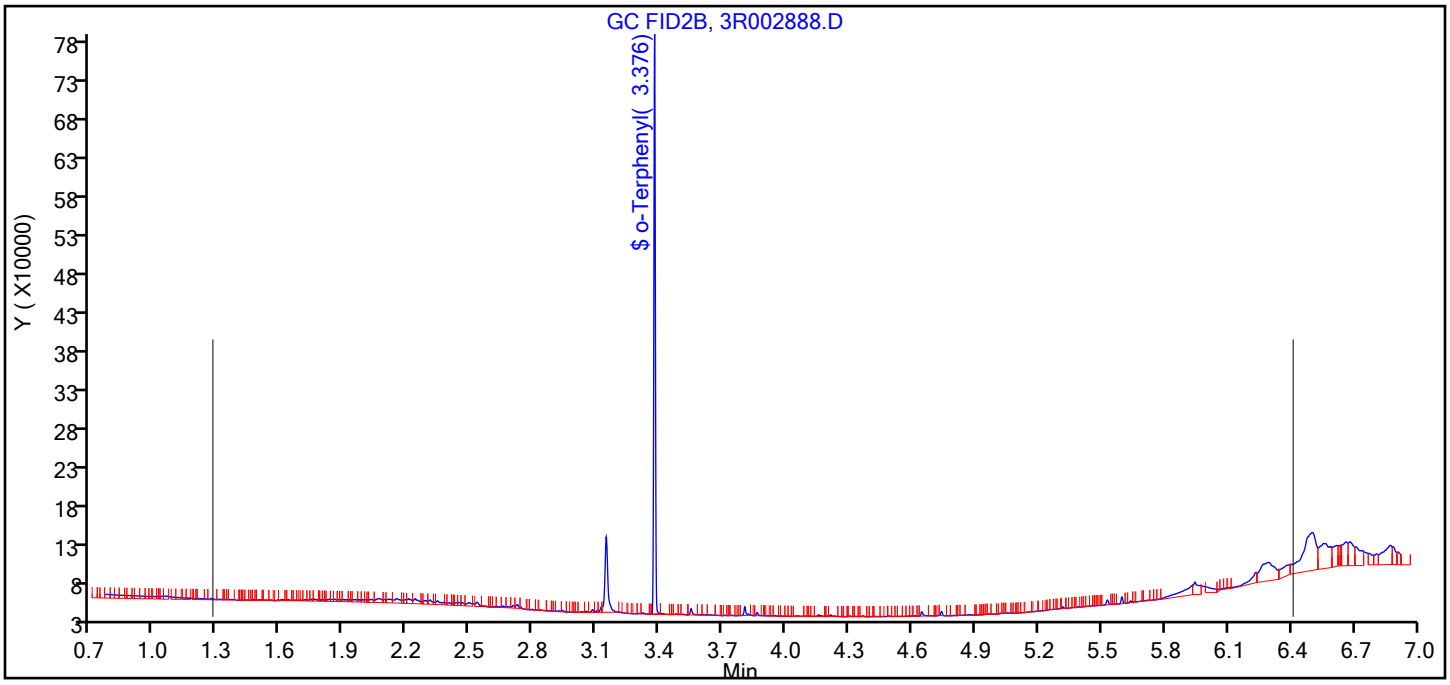
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002888.D				
Injection Date:	08-Apr-2022 00:28:28	Instrument ID:	CBNAGC3		
Lims ID:	460-255715-A-2-A	Lab Sample ID:	460-255715-2		
Client ID:	SB-8 (8-8.5)				
Operator ID:	615	ALS Bottle#:	91	Worklist Smp#:	41
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816, Signal: 1, Type: quant, RT: 3.84

Processing Results



RT	Response	Amount
3.84	654414	36.648654
	Amount:	36.648654

Reviewer: infantew, 08-Apr-2022 10:38:24

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-11 (4-4.5) | Lab Sample ID: 460-255715-3

Matrix: Solid | Lab File ID: 3R002889.D

Analysis Method: 8015D | Date Collected: 04/05/2022 09:40

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:25

Sample wt/vol: 15.01(g) | Date Analyzed: 04/08/2022 00:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: 12.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837799 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	0.62	U	9.9	0.62

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	92		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002889.D				
Lims ID:	460-255715-A-3-A				
Client ID:	SB-11 (4-4.5)				
Sample Type:	Client				
Inject. Date:	08-Apr-2022 00:49:54	ALS Bottle#:	92	Worklist Smp#:	42
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0143721-042				
Operator ID:	615	Instrument ID:	CBNAGC3		
Method:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m				
Limit Group:	GC 8015C DRO ICAL				
Last Update:	08-Apr-2022 10:40:35	Calib Date:	24-Feb-2022 11:55:53		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D				
Column 1 :	Rtx Mineral Oil (0.32 mm)		Det: GC FID1A		
Process Host:	CTX1641				
First Level Reviewer: infantew		Date:	08-Apr-2022 10:38:28		

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$ 4 o-Terphenyl					
3.377	3.380	-0.003	366550	18.4	

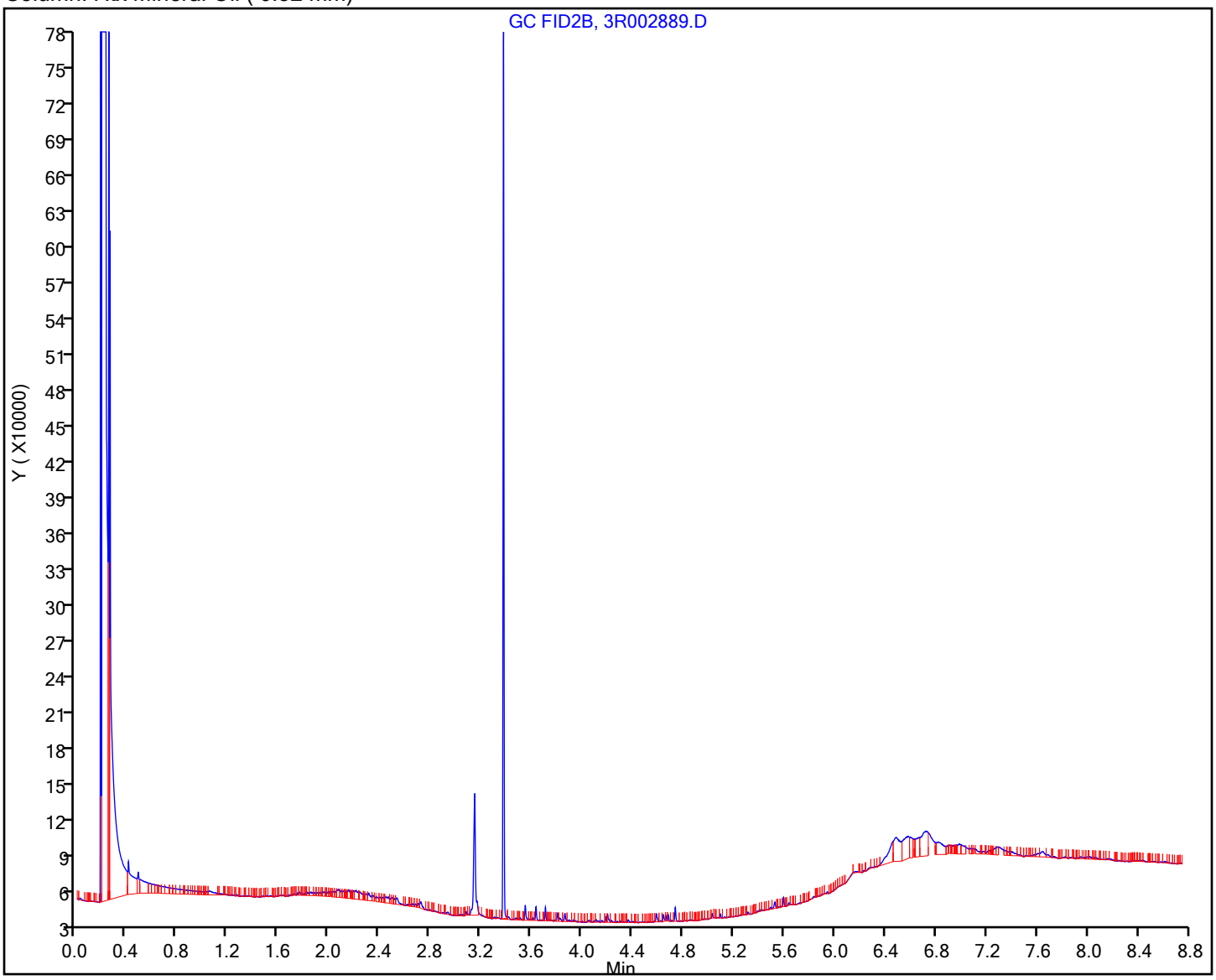
Report Date: 08-Apr-2022 10:40:37 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002889.D

Injection Date:	08-Apr-2022 00:49:54	Instrument ID:	CBNAGC3		
Lims ID:	460-255715-A-3-A	Lab Sample ID:	460-255715-3		
Client ID:	SB-11 (4-4.5)				
Operator ID:	615	ALS Bottle#:	92	Worklist Smp#:	42
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002889.D				
Lims ID:	460-255715-A-3-A				
Client ID:	SB-11 (4-4.5)				
Sample Type:	Client				
Inject. Date:	08-Apr-2022 00:49:54	ALS Bottle#:	92	Worklist Smp#:	42
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0143721-042				
Operator ID:	615	Instrument ID:	CBNAGC3		
Method:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m				
Limit Group:	GC 8015C DRO ICAL				
Last Update:	08-Apr-2022 10:40:35	Calib Date:	24-Feb-2022 11:55:53		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D				
Column 1 :	Rtx Mineral Oil (0.32 mm)		Det: GC FID1A		
Process Host:	CTX1641				

First Level Reviewer: infantew Date: 08-Apr-2022 10:38:28

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	18.4	91.90

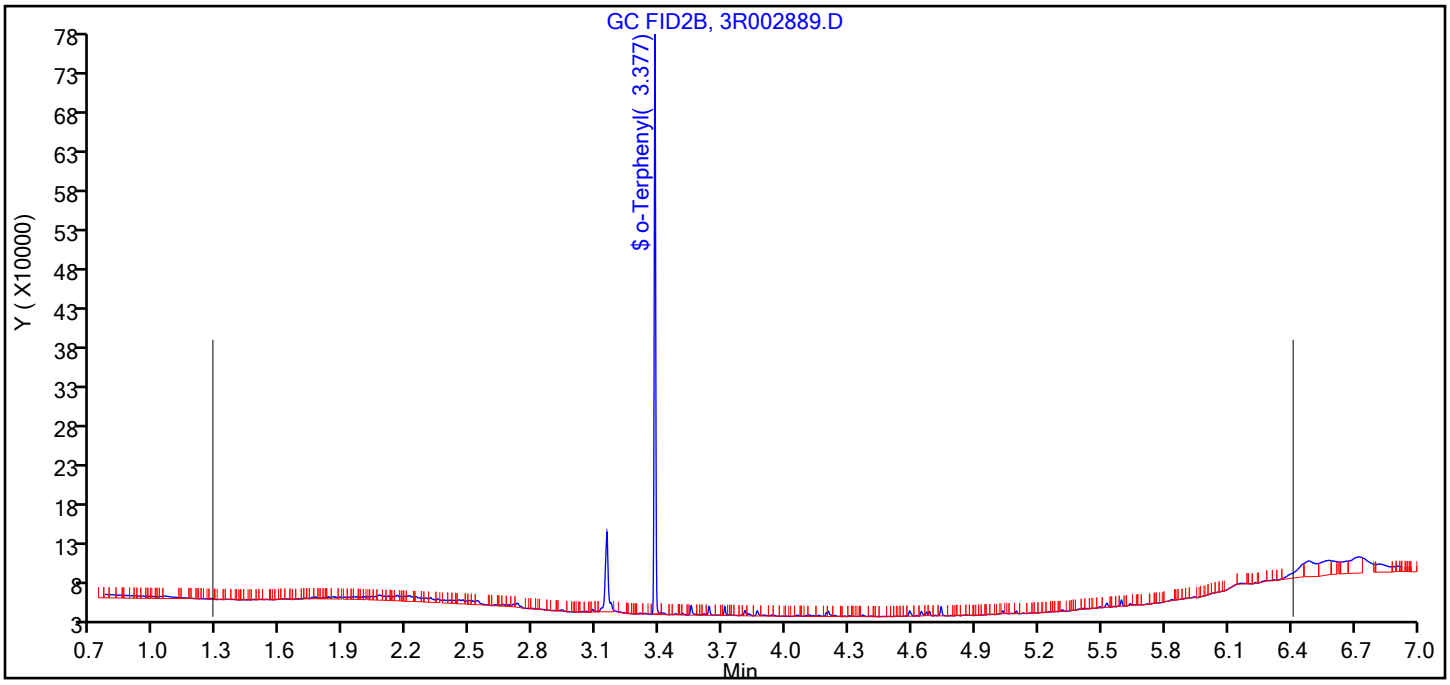
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002889.D				
Injection Date:	08-Apr-2022 00:49:54	Instrument ID:	CBNAGC3		
Lims ID:	460-255715-A-3-A	Lab Sample ID:	460-255715-3		
Client ID:	SB-11 (4-4.5)				
Operator ID:	615	ALS Bottle#:	92	Worklist Smp#:	42
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816, Signal: 1, Type: quant, RT: 3.84

Processing Results



RT	Response	Amount
3.84	457233	25.606075
	Amount:	25.606075

Reviewer: infantew, 08-Apr-2022 10:38:28

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-11 (9.5-10) | Lab Sample ID: 460-255715-4

Matrix: Solid | Lab File ID: 3R002892.D

Analysis Method: 8015D | Date Collected: 04/05/2022 09:45

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:25

Sample wt/vol: 15.04(g) | Date Analyzed: 04/08/2022 01:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: 1.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837799 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	0.56	U	8.8	0.56

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	100		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002892.D				
Lims ID:	460-255715-A-4-A				
Client ID:	SB-11 (9.5-10)				
Sample Type:	Client				
Inject. Date:	08-Apr-2022 01:53:57	ALS Bottle#:	95	Worklist Smp#:	45
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0143721-045				
Operator ID:	615	Instrument ID:	CBNAGC3		
Method:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m				
Limit Group:	GC 8015C DRO ICAL				
Last Update:	08-Apr-2022 10:40:22	Calib Date:	24-Feb-2022 11:55:53		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D				
Column 1 :	Rtx Mineral Oil (0.32 mm)		Det: GC FID1A		
Process Host:	CTX1641				

First Level Reviewer: infantew Date: 08-Apr-2022 10:38:39

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$ 4 o-Terphenyl					
3.376	3.380	-0.004	400169	20.1	

QC Flag Legend

Processing Flags

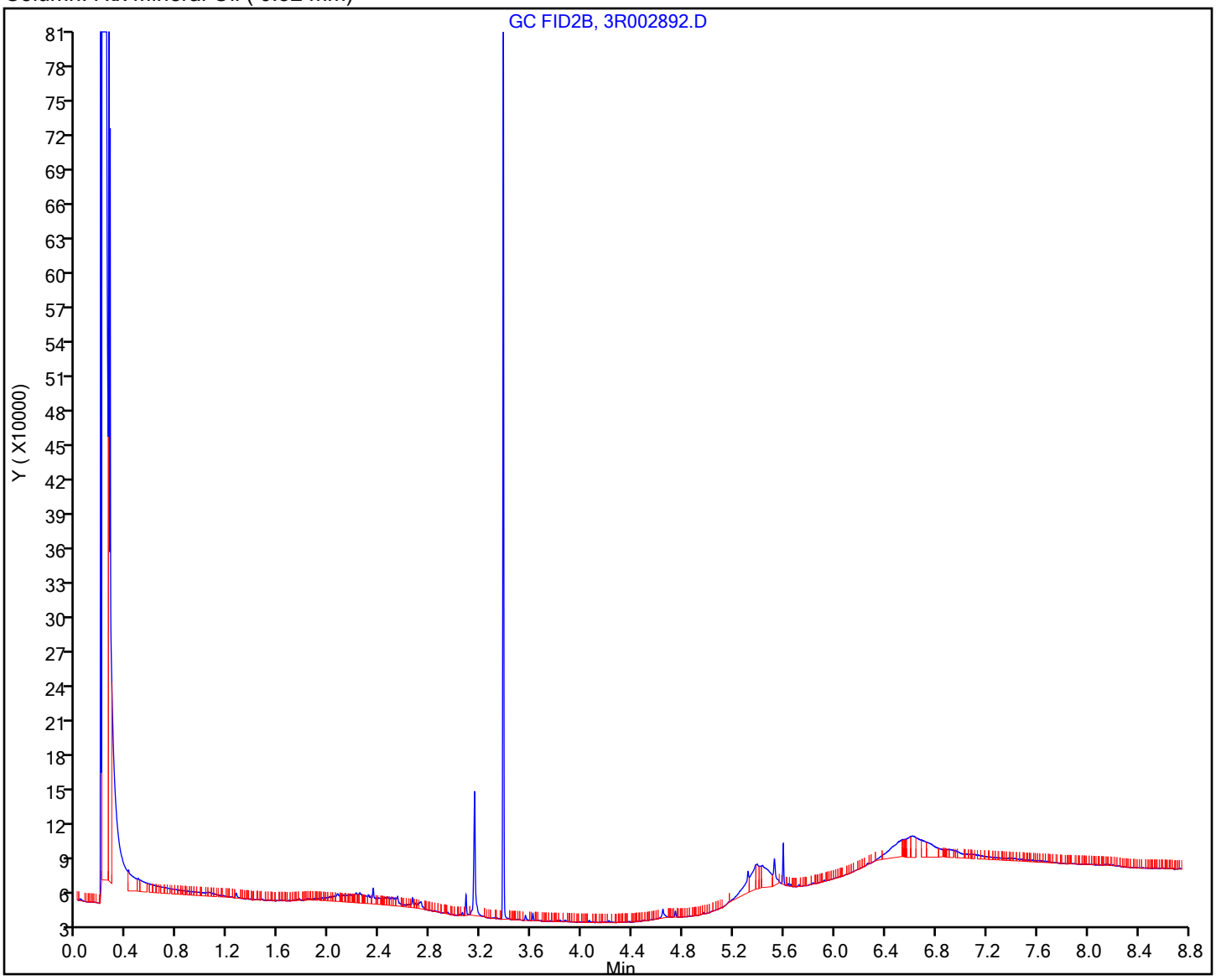
Report Date: 08-Apr-2022 10:40:24 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002892.D

Injection Date:	08-Apr-2022 01:53:57	Instrument ID:	CBNAGC3		
Lims ID:	460-255715-A-4-A	Lab Sample ID:	460-255715-4		
Client ID:	SB-11 (9.5-10)				
Operator ID:	615	ALS Bottle#:	95	Worklist Smp#:	45
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002892.D				
Lims ID:	460-255715-A-4-A				
Client ID:	SB-11 (9.5-10)				
Sample Type:	Client				
Inject. Date:	08-Apr-2022 01:53:57	ALS Bottle#:	95	Worklist Smp#:	45
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0143721-045				
Operator ID:	615	Instrument ID:	CBNAGC3		
Method:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m				
Limit Group:	GC 8015C DRO ICAL				
Last Update:	08-Apr-2022 10:40:22	Calib Date:	24-Feb-2022 11:55:53		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D				
Column 1 :	Rtx Mineral Oil (0.32 mm)		Det: GC FID1A		
Process Host:	CTX1641				

First Level Reviewer: infantew Date: 08-Apr-2022 10:38:39

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	20.1	100.33

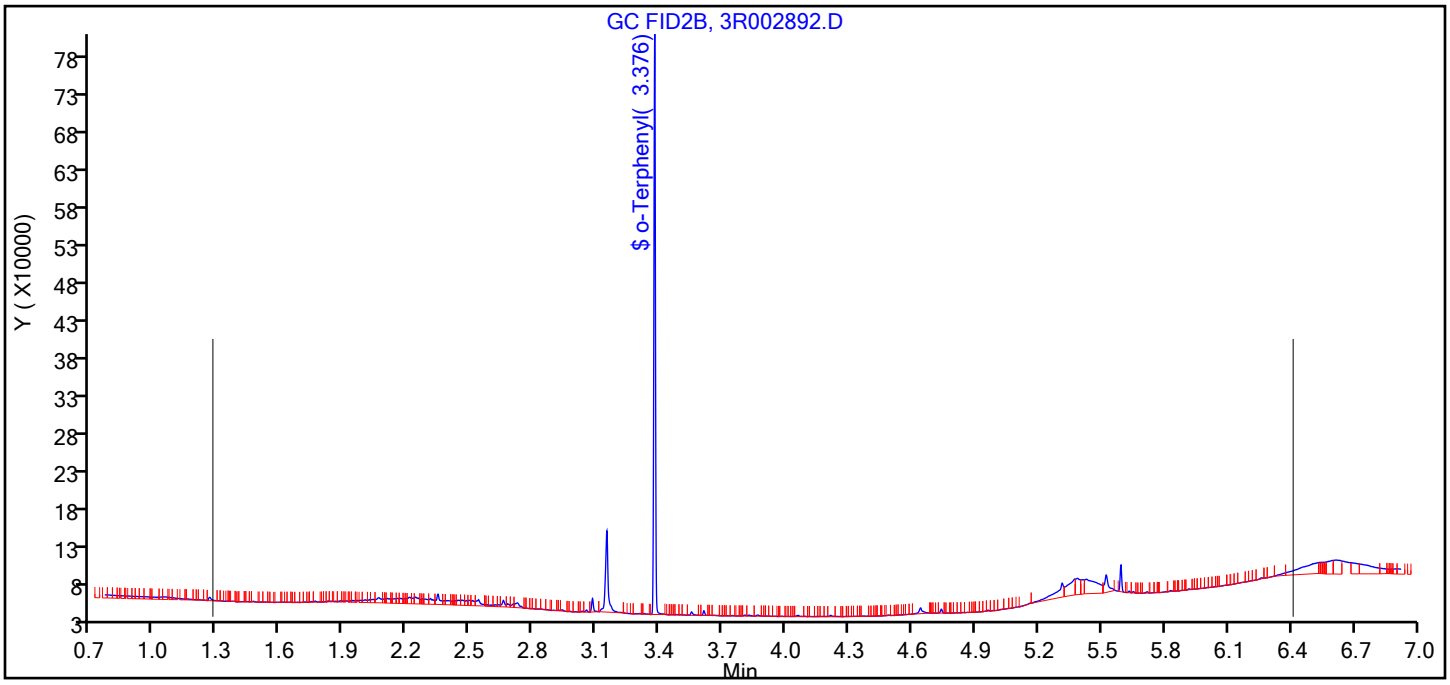
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002892.D				
Injection Date:	08-Apr-2022 01:53:57	Instrument ID:	CBNAGC3		
Lims ID:	460-255715-A-4-A	Lab Sample ID:	460-255715-4		
Client ID:	SB-11 (9.5-10)				
Operator ID:	615	ALS Bottle#:	95	Worklist Smp#:	45
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816, Signal: 1, Type: quant, RT: 3.84

Processing Results



RT	Response	Amount
3.84	711956	39.871135
	Amount:	39.871135

Reviewer: infantew, 08-Apr-2022 10:38:43

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-14 (4-5) | Lab Sample ID: 460-255715-5

Matrix: Solid | Lab File ID: 3R002893.D

Analysis Method: 8015D | Date Collected: 04/05/2022 10:00

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:25

Sample wt/vol: 15.03(g) | Date Analyzed: 04/08/2022 02:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: 7.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837799 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	0.59	U	9.4	0.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	99		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002893.D				
Lims ID:	460-255715-A-5-A				
Client ID:	SB-14 (4-5)				
Sample Type:	Client				
Inject. Date:	08-Apr-2022 02:15:11	ALS Bottle#:	96	Worklist Smp#:	46
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0143721-046				
Operator ID:	615	Instrument ID:	CBNAGC3		
Method:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m				
Limit Group:	GC 8015C DRO ICAL				
Last Update:	08-Apr-2022 10:40:22	Calib Date:	24-Feb-2022 11:55:53		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D				
Column 1 :	Rtx Mineral Oil (0.32 mm)		Det: GC FID1A		
Process Host:	CTX1641				

First Level Reviewer: infantew Date: 08-Apr-2022 10:38:47

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$ 4 o-Terphenyl					
3.378	3.380	-0.002	394626	19.8	

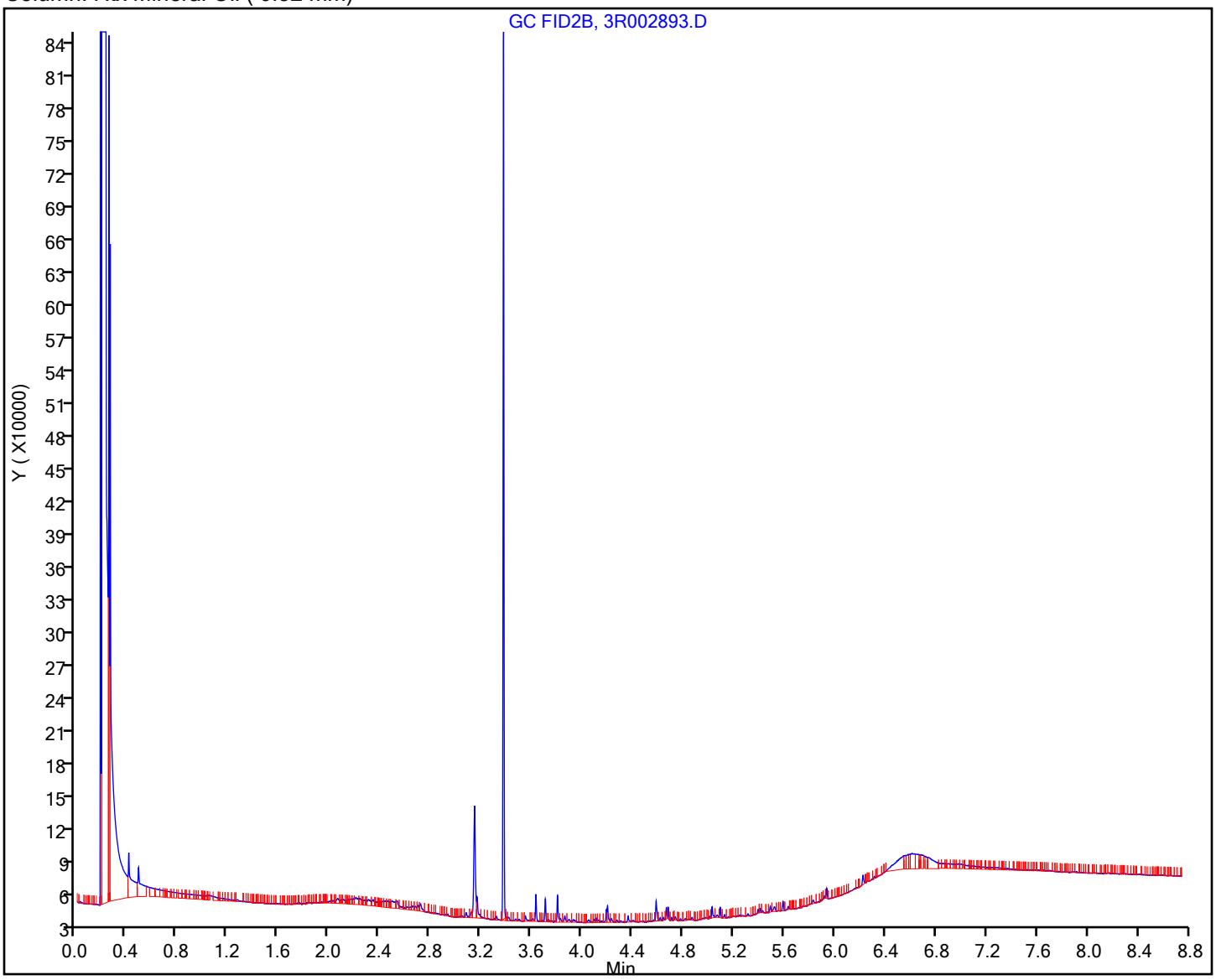
Report Date: 08-Apr-2022 10:40:25 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002893.D

Injection Date:	08-Apr-2022 02:15:11	Instrument ID:	CBNAGC3		
Lims ID:	460-255715-A-5-A	Lab Sample ID:	460-255715-5		
Client ID:	SB-14 (4-5)				
Operator ID:	615	ALS Bottle#:	96	Worklist Smp#:	46
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002893.D
Lims ID: 460-255715-A-5-A
Client ID: SB-14 (4-5)
Sample Type: Client
Inject. Date: 08-Apr-2022 02:15:11 ALS Bottle#: 96 Worklist Smp#: 46
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-046
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:22 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

First Level Reviewer: infantew Date: 08-Apr-2022 10:38:47

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	19.8	98.94

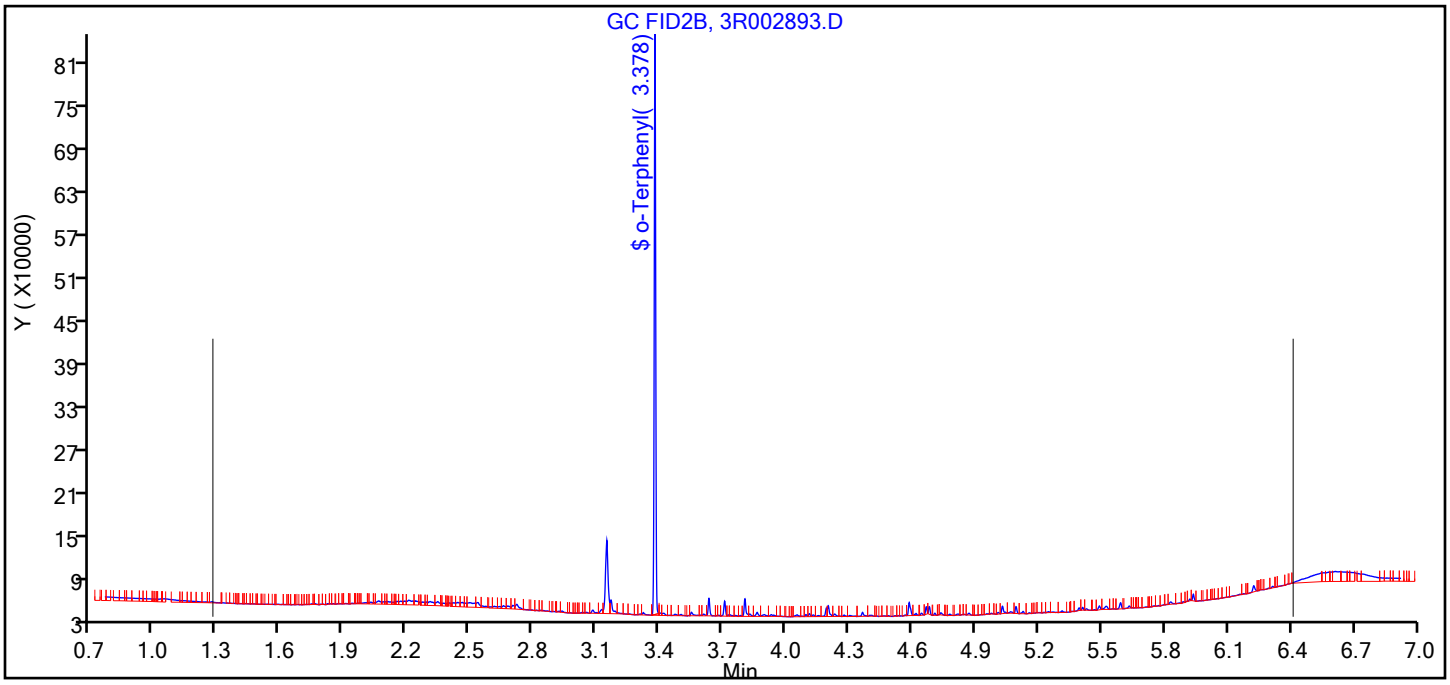
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002893.D				
Injection Date:	08-Apr-2022 02:15:11	Instrument ID:	CBNAGC3		
Lims ID:	460-255715-A-5-A	Lab Sample ID:	460-255715-5		
Client ID:	SB-14 (4-5)				
Operator ID:	615	ALS Bottle#:	96	Worklist Smp#:	46
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816, Signal: 1, Type: quant, RT: 3.84

Processing Results



RT	Response	Amount
3.84	526912	29.508256
	Amount:	29.508256

Reviewer: infantew, 08-Apr-2022 10:38:46

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-14 (6-10) | Lab Sample ID: 460-255715-6

Matrix: Solid | Lab File ID: 3R002894.D

Analysis Method: 8015D | Date Collected: 04/05/2022 10:10

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:25

Sample wt/vol: 15.01(g) | Date Analyzed: 04/08/2022 02:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: 5.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837799 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	0.58	U	9.2	0.58

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	111		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002894.D				
Lims ID:	460-255715-A-6-A				
Client ID:	SB-14 (6-10)				
Sample Type:	Client				
Inject. Date:	08-Apr-2022 02:36:25	ALS Bottle#:	97	Worklist Smp#:	47
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0143721-047				
Operator ID:	615	Instrument ID:	CBNAGC3		
Method:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m				
Limit Group:	GC 8015C DRO ICAL				
Last Update:	08-Apr-2022 10:40:22	Calib Date:	24-Feb-2022 11:55:53		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D				
Column 1 :	Rtx Mineral Oil (0.32 mm)		Det: GC FID1A		
Process Host:	CTX1641				

First Level Reviewer: infantew Date: 08-Apr-2022 10:38:50

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$ 4 o-Terphenyl					
3.375	3.380	-0.005	441259	22.1	

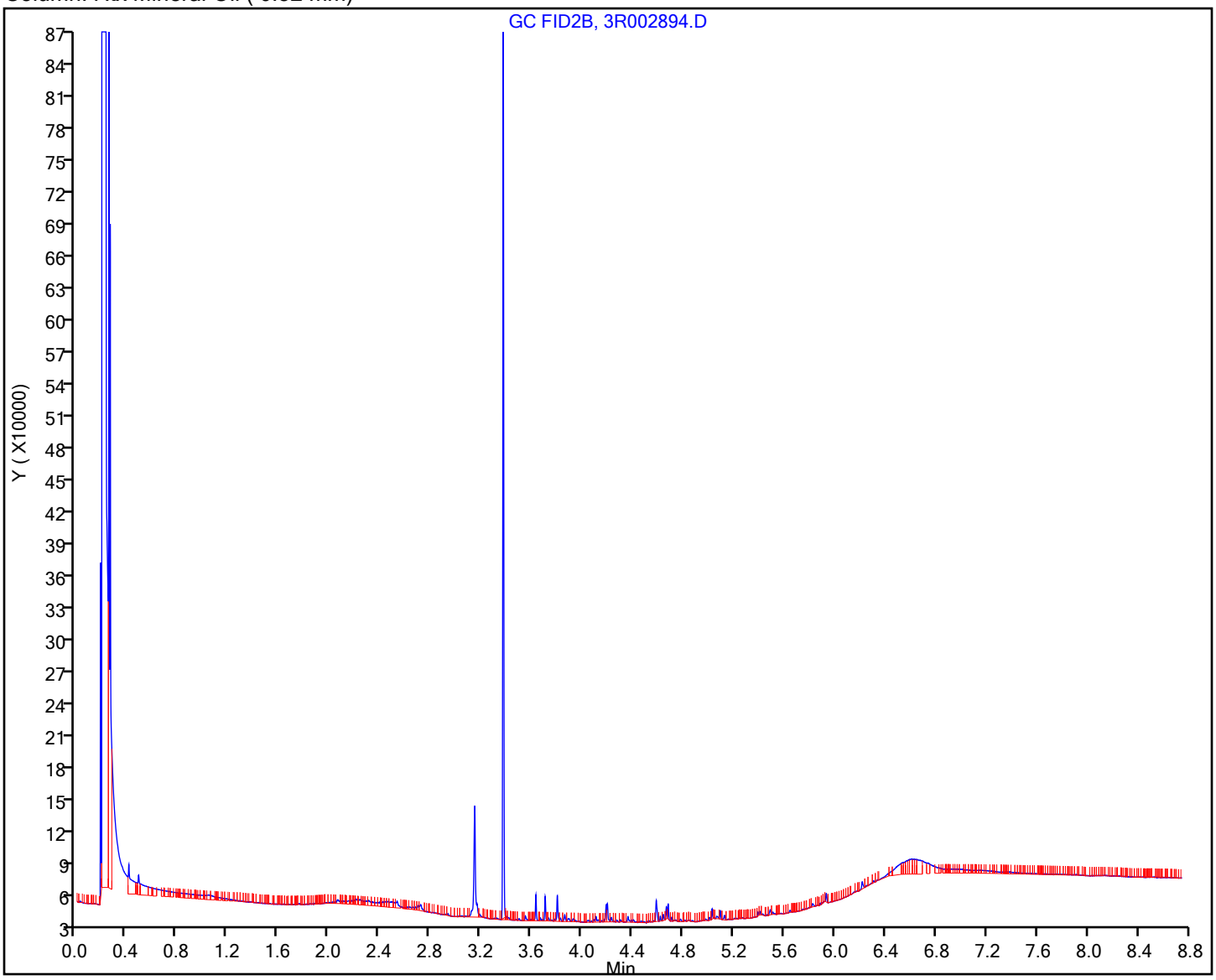
Report Date: 08-Apr-2022 10:40:26 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002894.D

Injection Date:	08-Apr-2022 02:36:25	Instrument ID:	CBNAGC3		
Lims ID:	460-255715-A-6-A	Lab Sample ID:	460-255715-6		
Client ID:	SB-14 (6-10)				
Operator ID:	615	ALS Bottle#:	97	Worklist Smp#:	47
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002894.D
Lims ID: 460-255715-A-6-A
Client ID: SB-14 (6-10)
Sample Type: Client
Inject. Date: 08-Apr-2022 02:36:25 ALS Bottle#: 97 Worklist Smp#: 47
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-047
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:22 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

First Level Reviewer: infantew Date: 08-Apr-2022 10:38:50

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	22.1	110.63

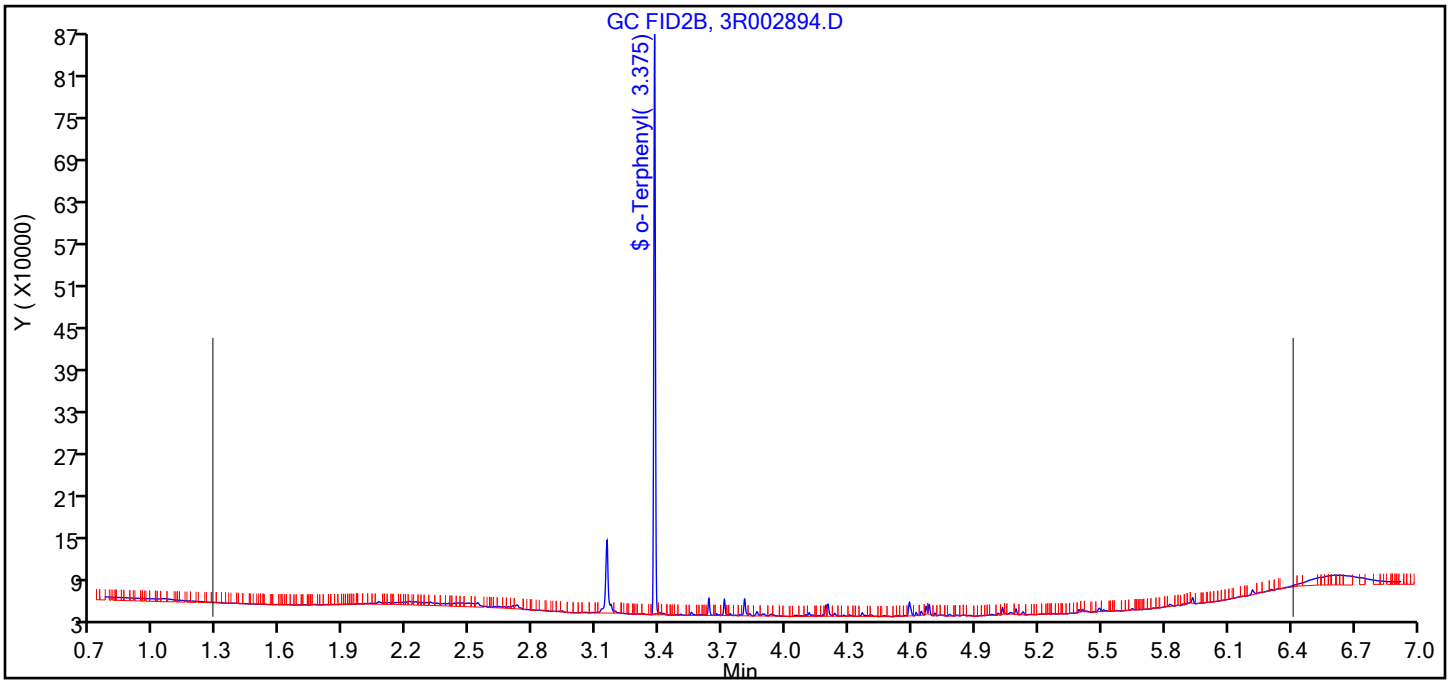
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002894.D				
Injection Date:	08-Apr-2022 02:36:25	Instrument ID:	CBNAGC3		
Lims ID:	460-255715-A-6-A	Lab Sample ID:	460-255715-6		
Client ID:	SB-14 (6-10)				
Operator ID:	615	ALS Bottle#:	97	Worklist Smp#:	47
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816, Signal: 1, Type: quant, RT: 3.84

Processing Results



RT	Response	Amount
3.84	468304	26.226076
	Amount:	26.226076

Reviewer: infantew, 08-Apr-2022 10:38:49

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-15 (3-5) | Lab Sample ID: 460-255715-7

Matrix: Solid | Lab File ID: 3R002895.D

Analysis Method: 8015D | Date Collected: 04/05/2022 10:45

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:25

Sample wt/vol: 15.02(g) | Date Analyzed: 04/08/2022 02:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: 14.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837799 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	0.64	U	10	0.64

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	98		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002895.D				
Lims ID:	460-255715-A-7-A				
Client ID:	SB-15 (3-5)				
Sample Type:	Client				
Inject. Date:	08-Apr-2022 02:57:36	ALS Bottle#:	98	Worklist Smp#:	48
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0143721-048				
Operator ID:	615	Instrument ID:	CBNAGC3		
Method:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m				
Limit Group:	GC 8015C DRO ICAL				
Last Update:	08-Apr-2022 10:40:22	Calib Date:	24-Feb-2022 11:55:53		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D				
Column 1 :	Rtx Mineral Oil (0.32 mm)		Det: GC FID1A		
Process Host:	CTX1641				

First Level Reviewer: infantew Date: 08-Apr-2022 10:38:52

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$ 4 o-Terphenyl					
3.375	3.380	-0.005	392534	19.7	

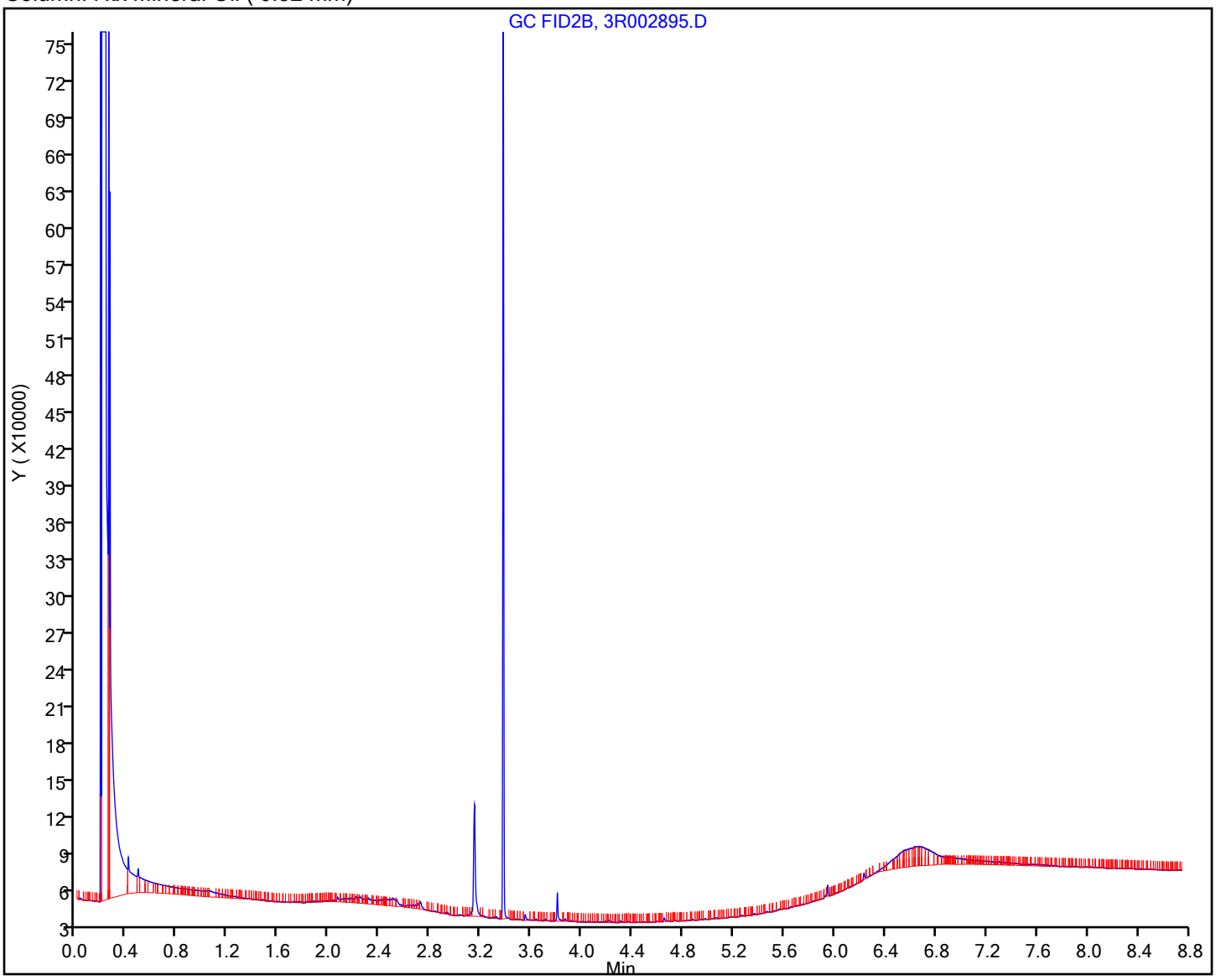
Report Date: 08-Apr-2022 10:40:27 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002895.D

Injection Date:	08-Apr-2022 02:57:36	Instrument ID:	CBNAGC3		
Lims ID:	460-255715-A-7-A	Lab Sample ID:	460-255715-7		
Client ID:	SB-15 (3-5)				
Operator ID:	615	ALS Bottle#:	98	Worklist Smp#:	48
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002895.D
Lims ID: 460-255715-A-7-A
Client ID: SB-15 (3-5)
Sample Type: Client
Inject. Date: 08-Apr-2022 02:57:36 ALS Bottle#: 98 Worklist Smp#: 48
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-048
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:22 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

First Level Reviewer: infantew Date: 08-Apr-2022 10:38:52

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	19.7	98.42

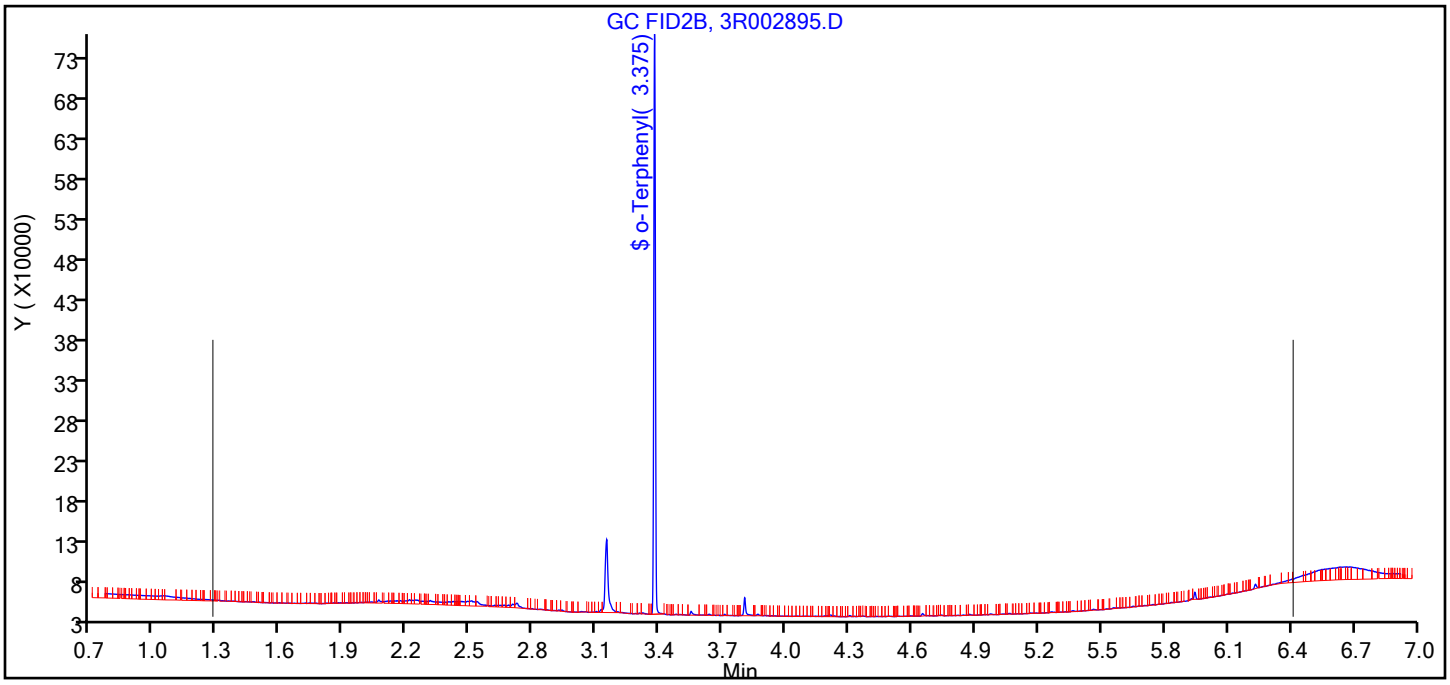
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002895.D				
Injection Date:	08-Apr-2022 02:57:36	Instrument ID:	CBNAGC3		
Lims ID:	460-255715-A-7-A	Lab Sample ID:	460-255715-7		
Client ID:	SB-15 (3-5)				
Operator ID:	615	ALS Bottle#:	98	Worklist Smp#:	48
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816, Signal: 1, Type: quant, RT: 3.84

Processing Results



RT	Response	Amount
3.84	337632	18.908150
	Amount:	18.908150

Reviewer: infantew, 08-Apr-2022 10:38:51

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-15 (12-13) | Lab Sample ID: 460-255715-8

Matrix: Solid | Lab File ID: 3R002896.D

Analysis Method: 8015D | Date Collected: 04/05/2022 11:00

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:25

Sample wt/vol: 15.02(g) | Date Analyzed: 04/08/2022 03:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: 13.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837799 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	0.63	U	10	0.63

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	100		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002896.D				
Lims ID:	460-255715-A-8-A				
Client ID:	SB-15 (12-13)				
Sample Type:	Client				
Inject. Date:	08-Apr-2022 03:18:48	ALS Bottle#:	99	Worklist Smp#:	49
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0143721-049				
Operator ID:	615	Instrument ID:	CBNAGC3		
Method:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m				
Limit Group:	GC 8015C DRO ICAL				
Last Update:	08-Apr-2022 10:40:22	Calib Date:	24-Feb-2022 11:55:53		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D				
Column 1 :	Rtx Mineral Oil (0.32 mm)		Det: GC FID1A		
Process Host:	CTX1641				

First Level Reviewer: infantew Date: 08-Apr-2022 10:38:54

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$ 4 o-Terphenyl					
3.375	3.380	-0.005	398207	20.0	

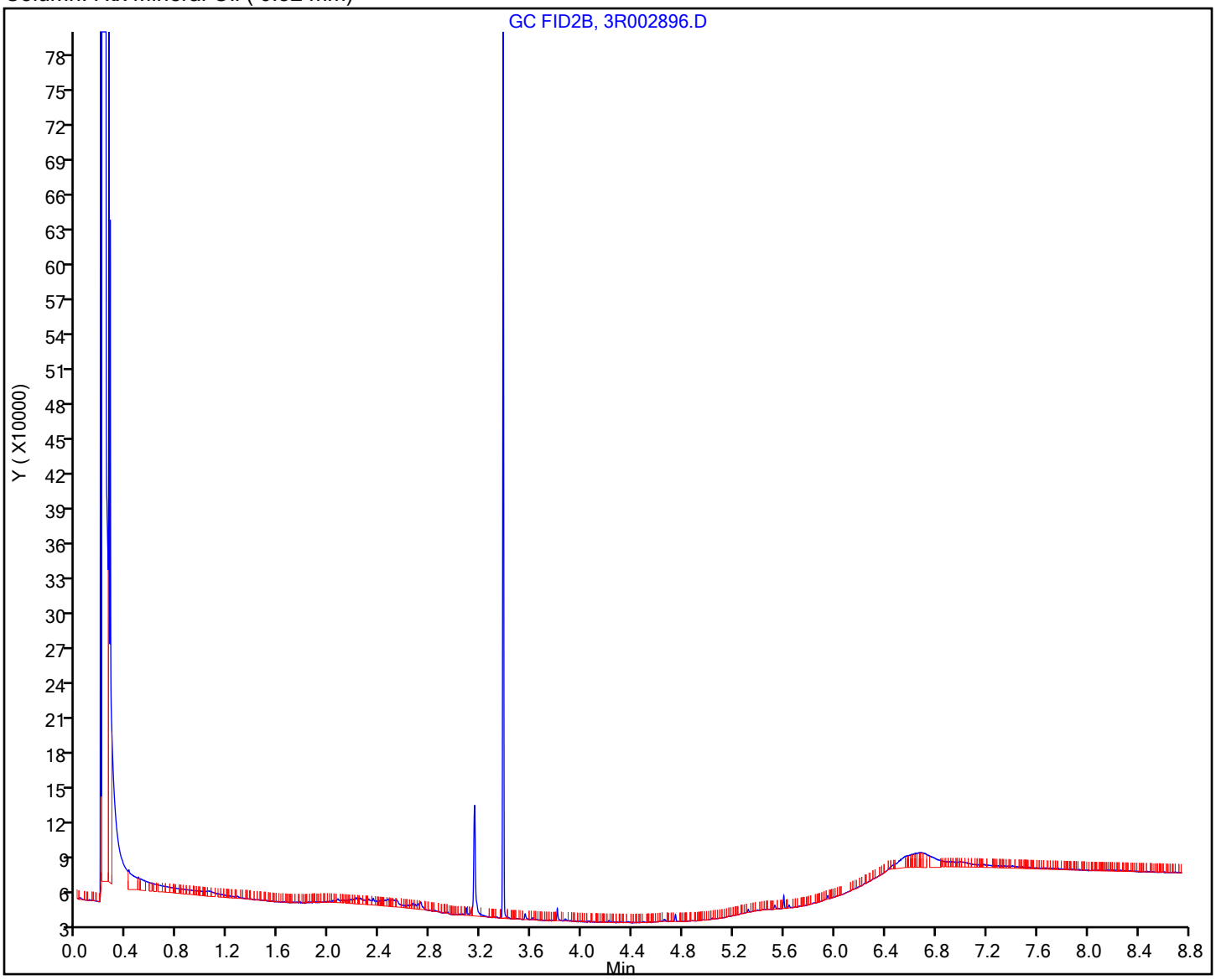
Report Date: 08-Apr-2022 10:40:28 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002896.D

Injection Date:	08-Apr-2022 03:18:48	Instrument ID:	CBNAGC3		
Lims ID:	460-255715-A-8-A	Lab Sample ID:	460-255715-8		
Client ID:	SB-15 (12-13)				
Operator ID:	615	ALS Bottle#:	99	Worklist Smp#:	49
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002896.D
Lims ID: 460-255715-A-8-A
Client ID: SB-15 (12-13)
Sample Type: Client
Inject. Date: 08-Apr-2022 03:18:48 ALS Bottle#: 99 Worklist Smp#: 49
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-049
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:22 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

First Level Reviewer: infantew Date: 08-Apr-2022 10:38:54

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	20.0	99.84

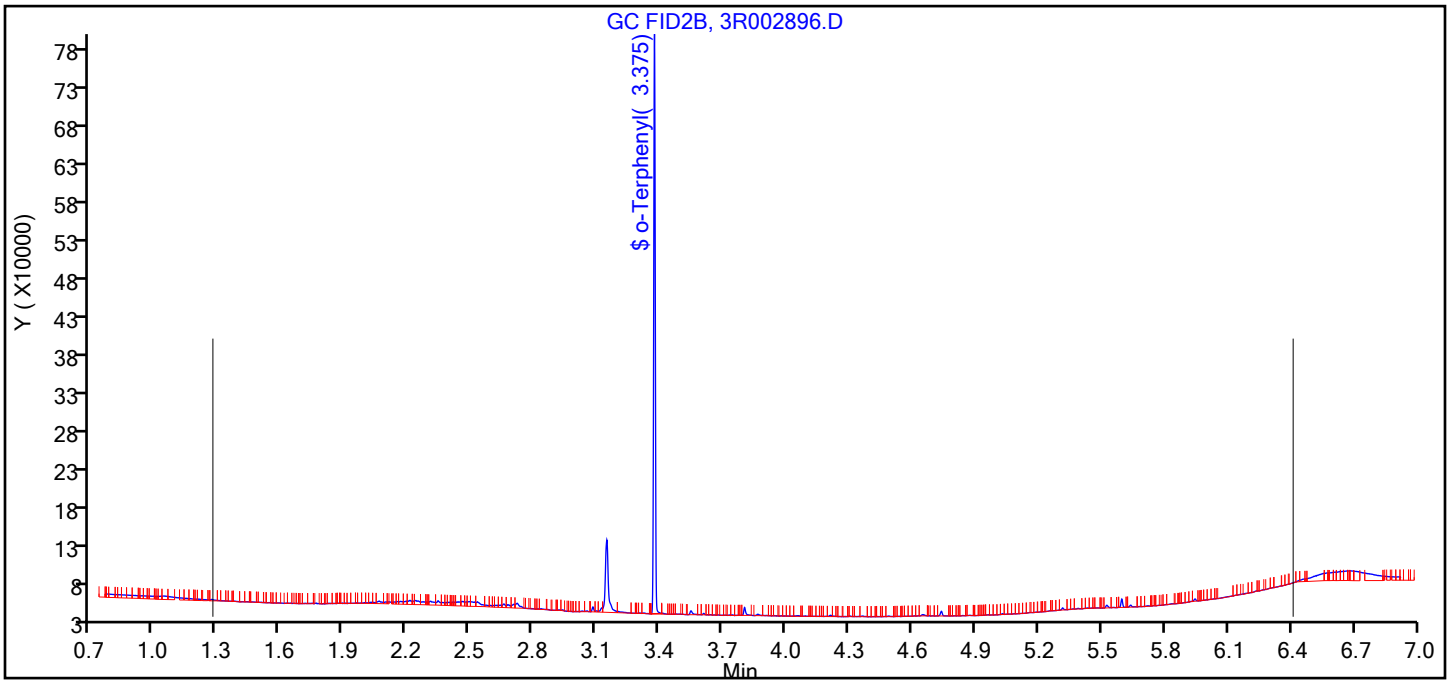
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002896.D				
Injection Date:	08-Apr-2022 03:18:48	Instrument ID:	CBNAGC3		
Lims ID:	460-255715-A-8-A	Lab Sample ID:	460-255715-8		
Client ID:	SB-15 (12-13)				
Operator ID:	615	ALS Bottle#:	99	Worklist Smp#:	49
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816, Signal: 1, Type: quant, RT: 3.84

Processing Results



RT	Response	Amount
3.84	344463	19.290702
	Amount:	19.290702

Reviewer: infantew, 08-Apr-2022 10:38:54

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-9 (4-5) | Lab Sample ID: 460-255715-9

Matrix: Solid | Lab File ID: 3R002897.D

Analysis Method: 8015D | Date Collected: 04/05/2022 11:20

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:25

Sample wt/vol: 15.05(g) | Date Analyzed: 04/08/2022 03:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: 0.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837799 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	0.55	U	8.7	0.55

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	95		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002897.D				
Lims ID:	460-255715-A-9-A				
Client ID:	SB-9 (4-5)				
Sample Type:	Client				
Inject. Date:	08-Apr-2022 03:39:58	ALS Bottle#:	100	Worklist Smp#:	50
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0143721-050				
Operator ID:	615	Instrument ID:	CBNAGC3		
Method:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m				
Limit Group:	GC 8015C DRO ICAL				
Last Update:	08-Apr-2022 10:40:22	Calib Date:	24-Feb-2022 11:55:53		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D				
Column 1 :	Rtx Mineral Oil (0.32 mm)		Det: GC FID1A		
Process Host:	CTX1641				

First Level Reviewer: infantew Date: 08-Apr-2022 10:38:56

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$ 4 o-Terphenyl					
3.380	3.380	0.000	379078	19.0	

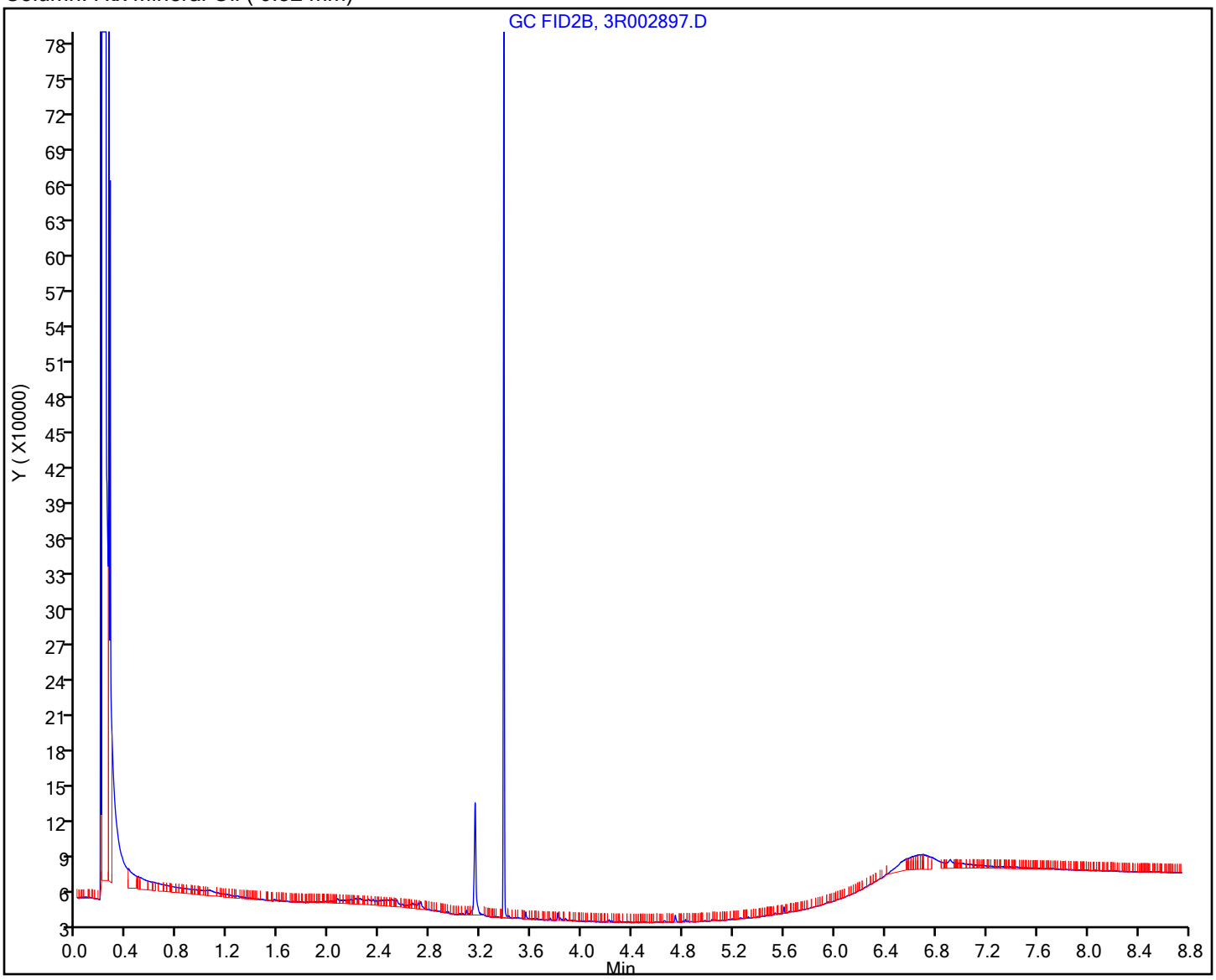
Report Date: 08-Apr-2022 10:40:29 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002897.D

Injection Date:	08-Apr-2022 03:39:58	Instrument ID:	CBNAGC3		
Lims ID:	460-255715-A-9-A	Lab Sample ID:	460-255715-9		
Client ID:	SB-9 (4-5)				
Operator ID:	615	ALS Bottle#:	100	Worklist Smp#:	50
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002897.D				
Lims ID:	460-255715-A-9-A				
Client ID:	SB-9 (4-5)				
Sample Type:	Client				
Inject. Date:	08-Apr-2022 03:39:58	ALS Bottle#:	100	Worklist Smp#:	50
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0143721-050				
Operator ID:	615	Instrument ID:	CBNAGC3		
Method:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m				
Limit Group:	GC 8015C DRO ICAL				
Last Update:	08-Apr-2022 10:40:22	Calib Date:	24-Feb-2022 11:55:53		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D				
Column 1 :	Rtx Mineral Oil (0.32 mm)		Det: GC FID1A		
Process Host:	CTX1641				

First Level Reviewer: infantew Date: 08-Apr-2022 10:38:56

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	19.0	95.04

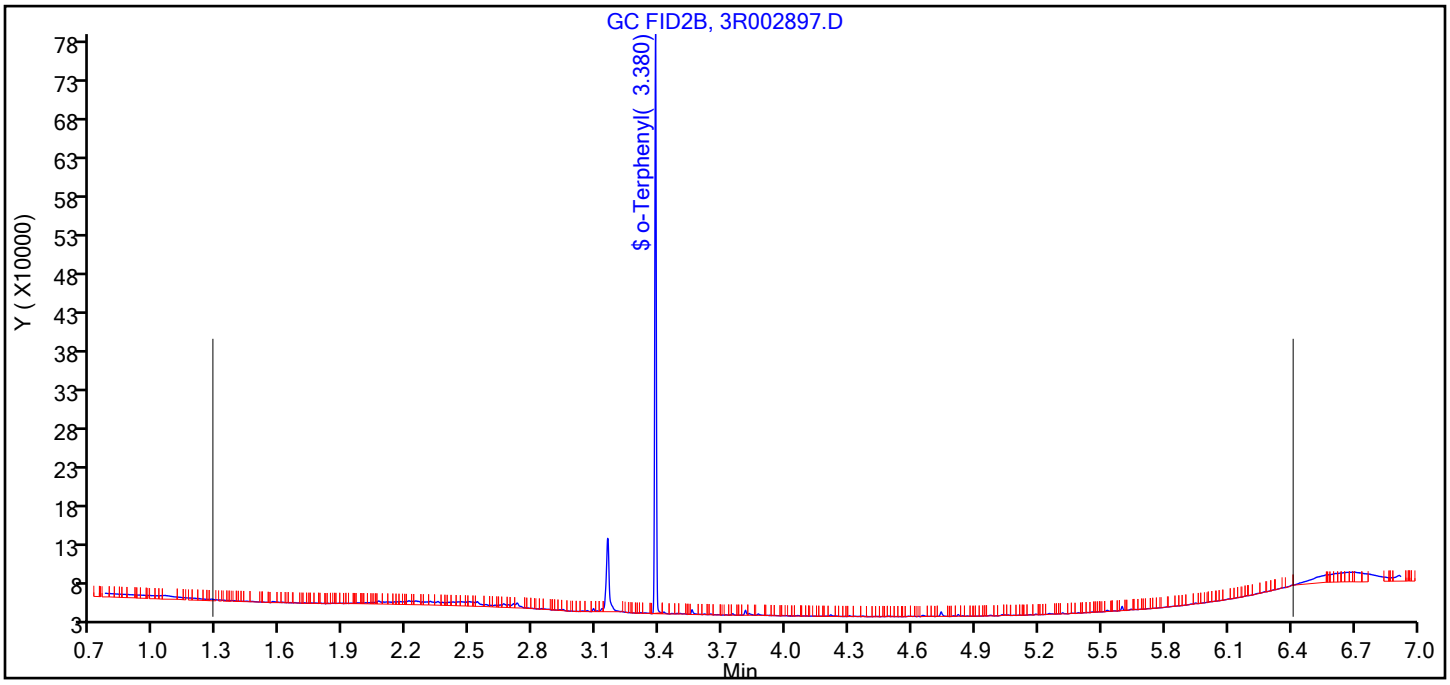
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002897.D				
Injection Date:	08-Apr-2022 03:39:58	Instrument ID:	CBNAGC3		
Lims ID:	460-255715-A-9-A	Lab Sample ID:	460-255715-9		
Client ID:	SB-9 (4-5)				
Operator ID:	615	ALS Bottle#:	100	Worklist Smp#:	50
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816, Signal: 1, Type: quant, RT: 3.84

Processing Results



RT	Response	Amount
3.84	348039	19.490966
	Amount:	19.490966

Reviewer: infantew, 08-Apr-2022 10:38:56

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-12 (0-5) | Lab Sample ID: 460-255715-10

Matrix: Solid | Lab File ID: 3R002898.D

Analysis Method: 8015D | Date Collected: 04/05/2022 12:00

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:25

Sample wt/vol: 15.05(g) | Date Analyzed: 04/08/2022 04:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837799 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	25		9.8	0.62

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	108		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002898.D
Lims ID: 460-255715-A-10-A
Client ID: SB-12 (0-5)
Sample Type: Client
Inject. Date: 08-Apr-2022 04:01:15 ALS Bottle#: 1 Worklist Smp#: 51
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-051
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:22 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

First Level Reviewer: infantew Date: 08-Apr-2022 10:39:08

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	4 o-Terphenyl					
	3.377	3.380	-0.003	430571	21.6	
A	5 C10-C44					M
	3.843	(1.275-6.411)		5859836	328.2	M

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

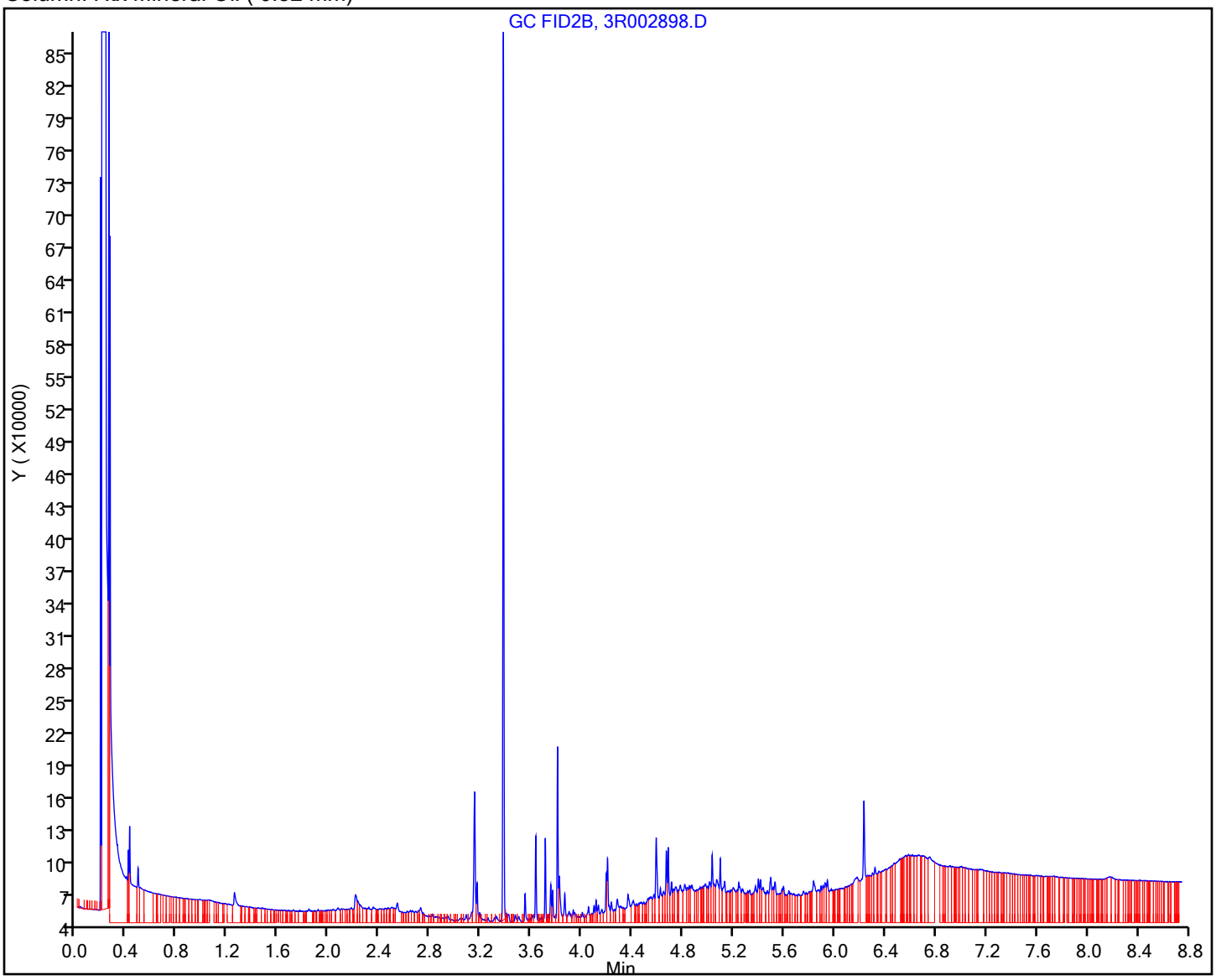
Report Date: 08-Apr-2022 10:40:29 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002898.D

Injection Date:	08-Apr-2022 04:01:15	Instrument ID:	CBNAGC3		
Lims ID:	460-255715-A-10-A	Lab Sample ID:	460-255715-10		
Client ID:	SB-12 (0-5)				
Operator ID:	615	ALS Bottle#:	1	Worklist Smp#:	51
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002898.D
Lims ID: 460-255715-A-10-A
Client ID: SB-12 (0-5)
Sample Type: Client
Inject. Date: 08-Apr-2022 04:01:15 ALS Bottle#: 1 Worklist Smp#: 51
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-051
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:22 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

First Level Reviewer: infantew Date: 08-Apr-2022 10:39:08

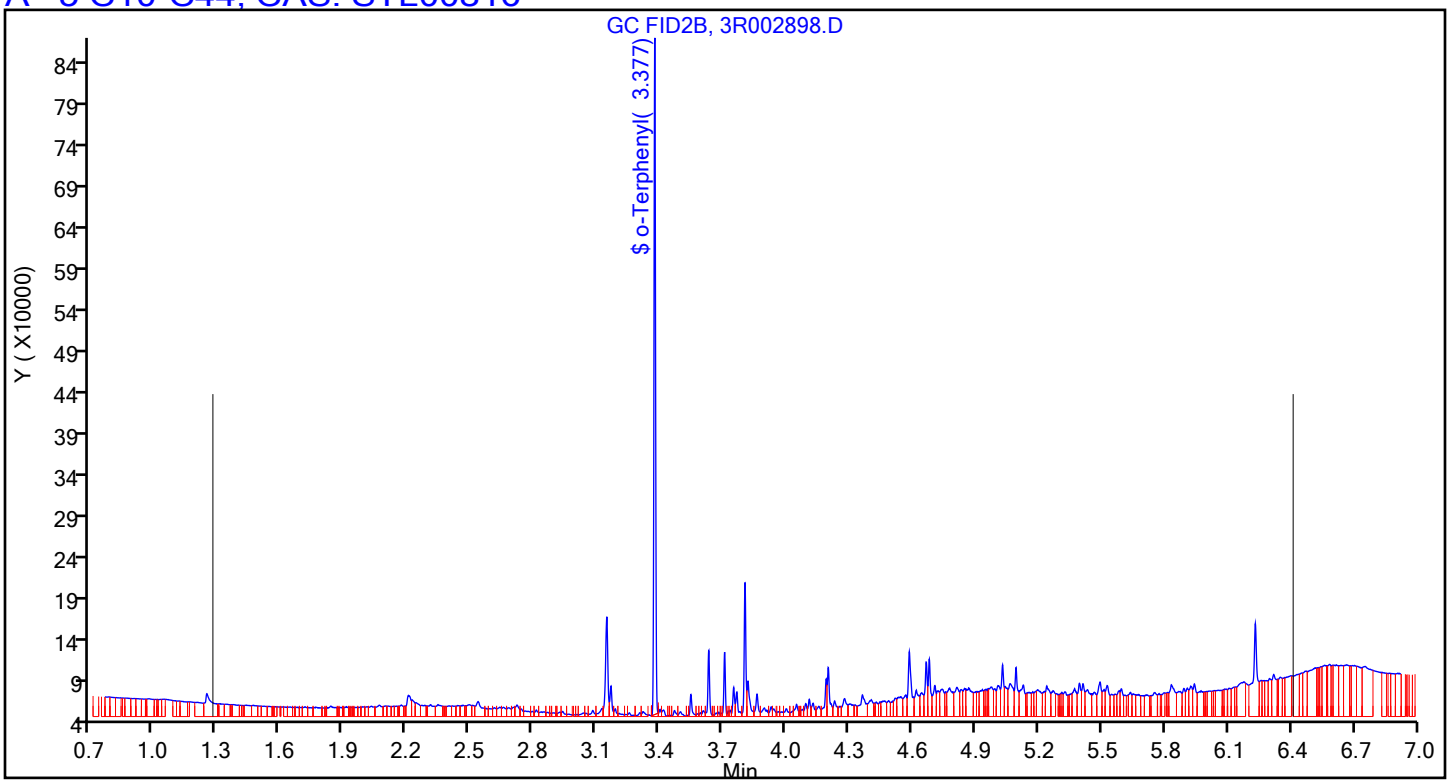
Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	21.6	107.95

Report Date: 08-Apr-2022 10:40:29 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002898.D				
Injection Date:	08-Apr-2022 04:01:15	Instrument ID:	CBNAGC3		
Lims ID:	460-255715-A-10-A	Lab Sample ID:	460-255715-10		
Client ID:	SB-12 (0-5)				
Operator ID:	615	ALS Bottle#:	1	Worklist Smp#:	51
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816



Manual Integration/User Assign Peak Report

Eurofins Edison

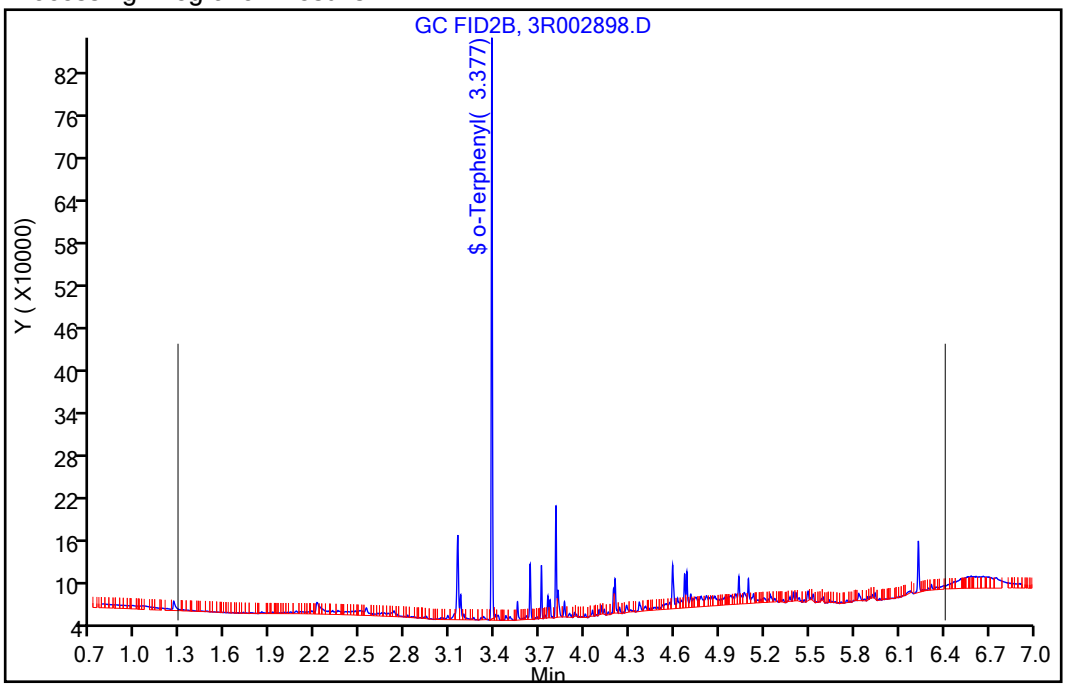
Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002898.D				
Injection Date:	08-Apr-2022 04:01:15	Instrument ID:	CBNAGC3		
Lims ID:	460-255715-A-10-A	Lab Sample ID:	460-255715-10		
Client ID:	SB-12 (0-5)				
Operator ID:	615	ALS Bottle#:	1	Worklist Smp#:	51
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, RT: 3.843, CAS: STL00816

Signal: 1

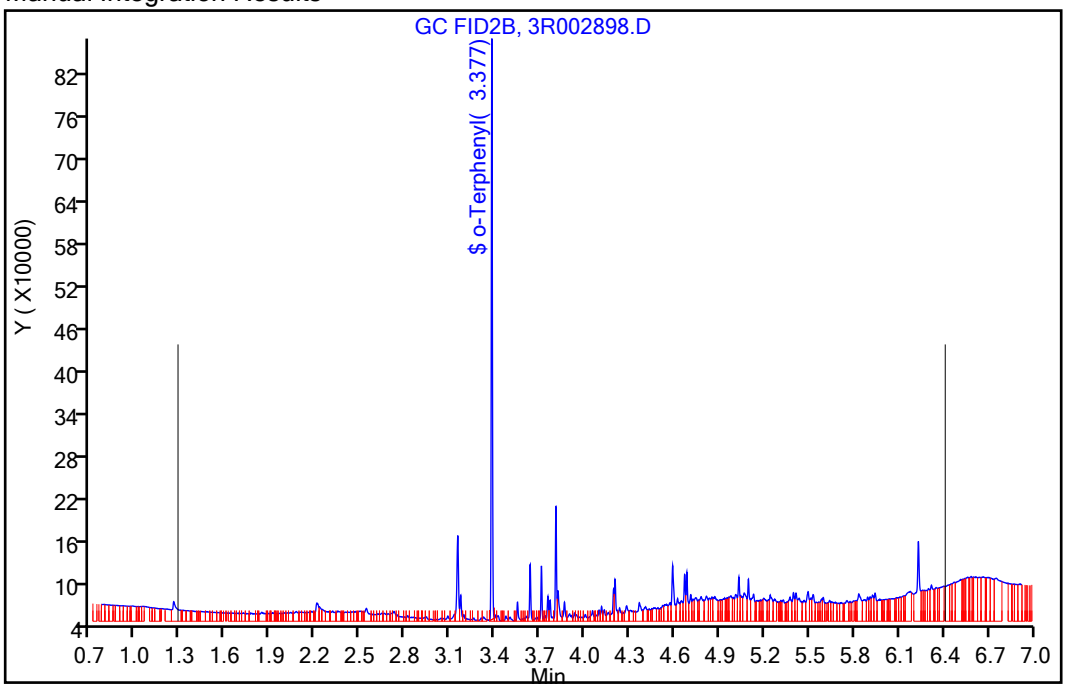
Processing Integration Results

RT: 3.84
Response: 1485471
Amount: 83.189713



Manual Integration Results

RT: 3.84
Response: 5859836
Amount: 328.1640



Reviewer: infantew, 08-Apr-2022 10:39:07

Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-12 (7-8) | Lab Sample ID: 460-255715-11

Matrix: Solid | Lab File ID: 3R002899.D

Analysis Method: 8015D | Date Collected: 04/05/2022 11:50

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:25

Sample wt/vol: 15.06(g) | Date Analyzed: 04/08/2022 04:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: 15.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837799 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	0.64	U	10	0.64

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	102		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002899.D				
Lims ID:	460-255715-A-11-A				
Client ID:	SB-12 (7-8)				
Sample Type:	Client				
Inject. Date:	08-Apr-2022 04:22:22	ALS Bottle#:	2	Worklist Smp#:	52
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0143721-052				
Operator ID:	615	Instrument ID:	CBNAGC3		
Method:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m				
Limit Group:	GC 8015C DRO ICAL				
Last Update:	08-Apr-2022 10:40:22	Calib Date:	24-Feb-2022 11:55:53		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D				
Column 1 :	Rtx Mineral Oil (0.32 mm)		Det: GC FID1A		
Process Host:	CTX1641				

First Level Reviewer: infantew Date: 08-Apr-2022 10:39:12

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$ 4 o-Terphenyl					
3.376	3.380	-0.004	408801	20.5	

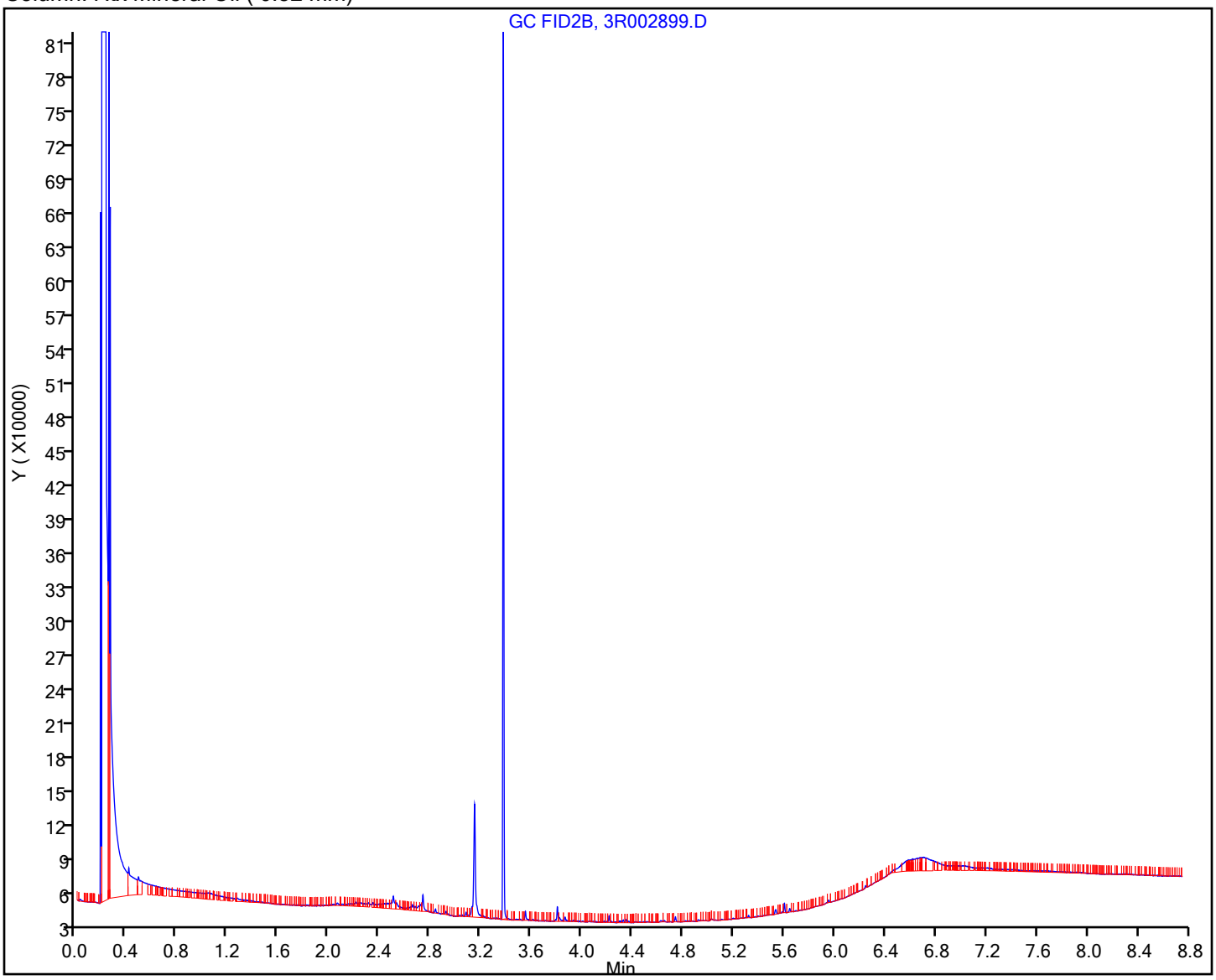
Report Date: 08-Apr-2022 10:40:30 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002899.D

Injection Date:	08-Apr-2022 04:22:22	Instrument ID:	CBNAGC3		
Lims ID:	460-255715-A-11-A	Lab Sample ID:	460-255715-11		
Client ID:	SB-12 (7-8)				
Operator ID:	615	ALS Bottle#:	2	Worklist Smp#:	52
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002899.D
Lims ID: 460-255715-A-11-A
Client ID: SB-12 (7-8)
Sample Type: Client
Inject. Date: 08-Apr-2022 04:22:22 ALS Bottle#: 2 Worklist Smp#: 52
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-052
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:22 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

First Level Reviewer: infantew Date: 08-Apr-2022 10:39:12

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	20.5	102.50

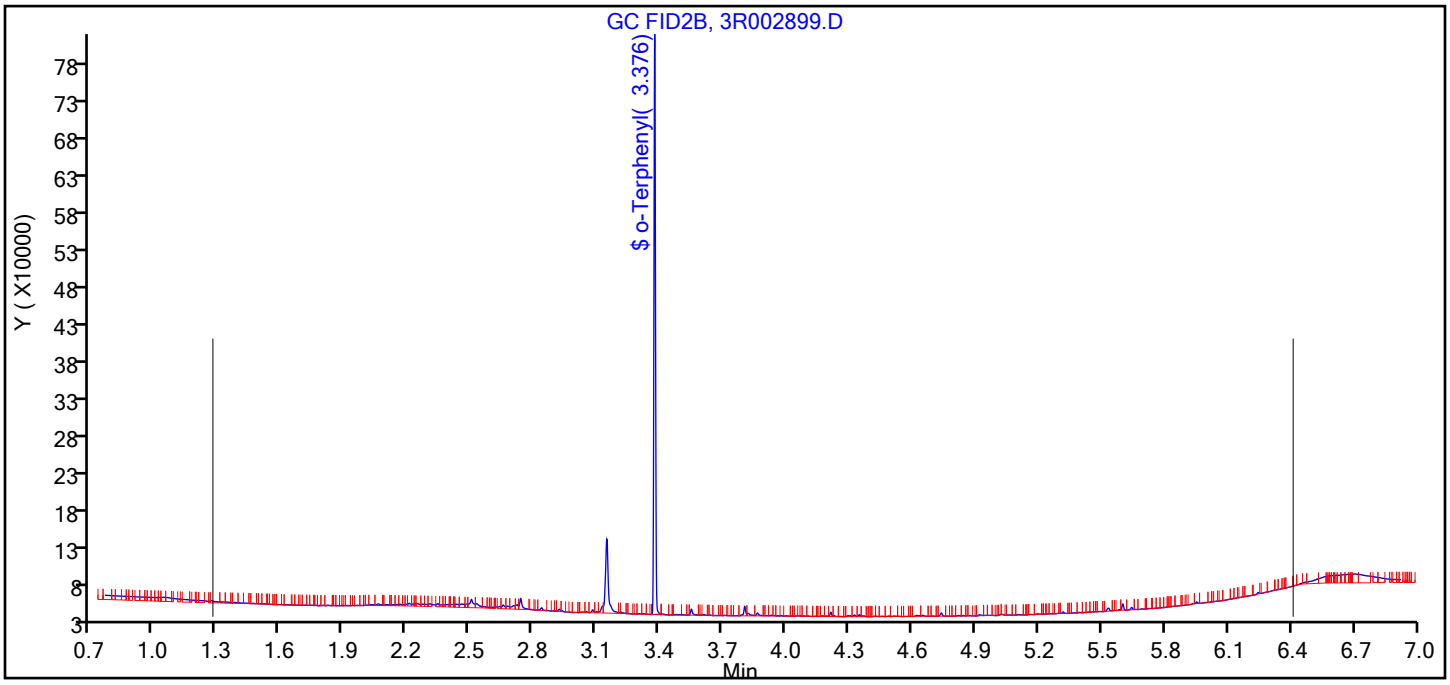
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002899.D				
Injection Date:	08-Apr-2022 04:22:22	Instrument ID:	CBNAGC3		
Lims ID:	460-255715-A-11-A	Lab Sample ID:	460-255715-11		
Client ID:	SB-12 (7-8)				
Operator ID:	615	ALS Bottle#:	2	Worklist Smp#:	52
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816, Signal: 1, Type: quant, RT: 3.84

Processing Results



RT	Response	Amount
3.84	352342	19.731943
	Amount:	19.731943

Reviewer: infantew, 08-Apr-2022 10:39:11

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-10(2.5-5) | Lab Sample ID: 460-255715-12

Matrix: Solid | Lab File ID: 3R002900.D

Analysis Method: 8015D | Date Collected: 04/05/2022 12:30

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:25

Sample wt/vol: 15.07(g) | Date Analyzed: 04/08/2022 04:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: 5.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837799 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	0.58	U	9.1	0.58

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	104		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002900.D
Lims ID: 460-255715-A-12-A
Client ID: SB-10 (7-7.5)
Sample Type: Client
Inject. Date: 08-Apr-2022 04:43:28 ALS Bottle#: 3 Worklist Smp#: 53
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-053
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:22 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

First Level Reviewer: infantew Date: 08-Apr-2022 10:39:14

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$ 4 o-Terphenyl					
3.374	3.380	-0.006	415943	20.9	

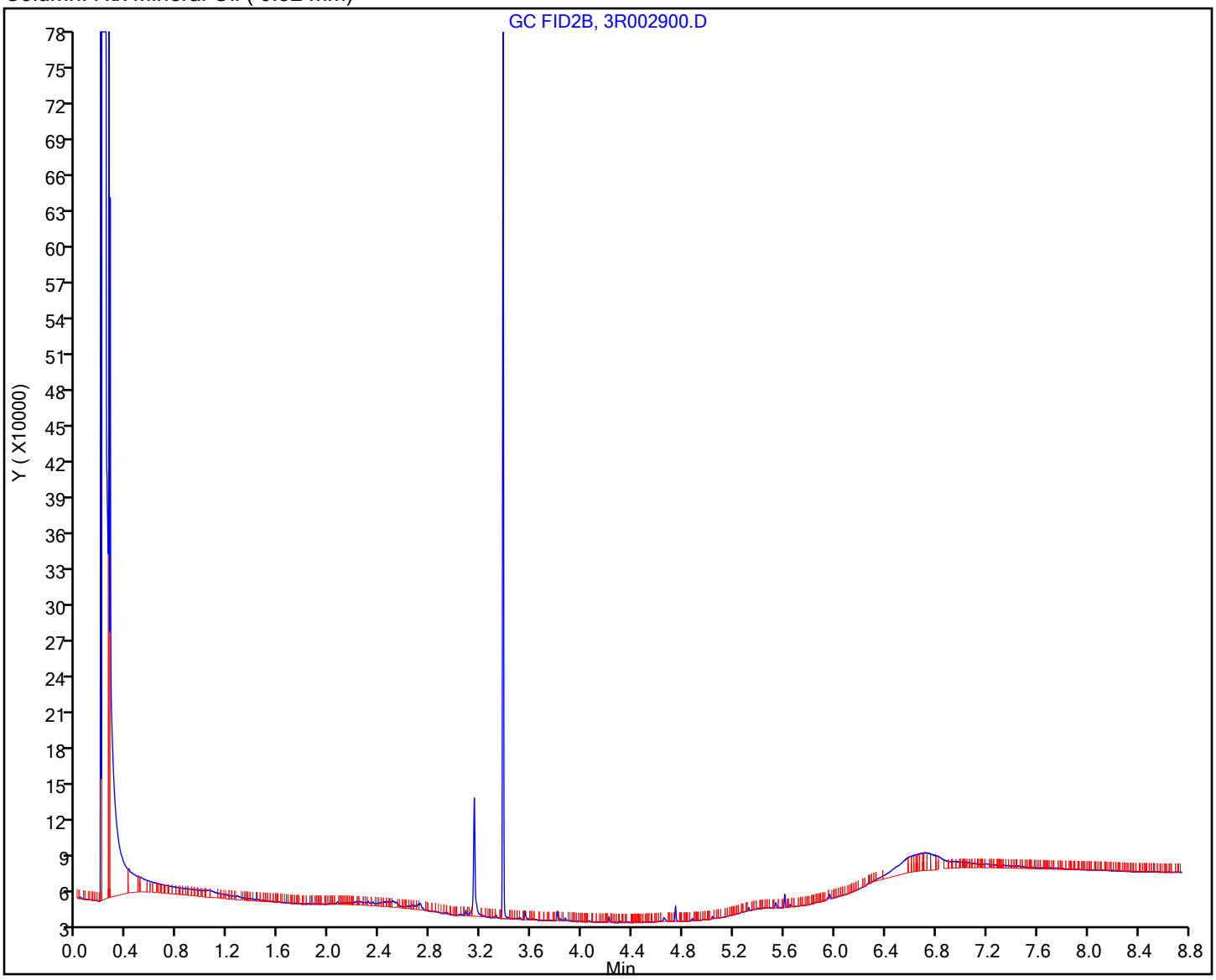
Report Date: 08-Apr-2022 10:40:31 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002900.D

Injection Date:	08-Apr-2022 04:43:28	Instrument ID:	CBNAGC3		
Lims ID:	460-255715-A-12-A	Lab Sample ID:	460-255715-12		
Client ID:	SB-10 (7-7.5)				
Operator ID:	615	ALS Bottle#:	3	Worklist Smp#:	53
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002900.D
Lims ID: 460-255715-A-12-A
Client ID: SB-10 (7-7.5)
Sample Type: Client
Inject. Date: 08-Apr-2022 04:43:28 ALS Bottle#: 3 Worklist Smp#: 53
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-053
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:22 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

First Level Reviewer: infantew Date: 08-Apr-2022 10:39:14

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	20.9	104.29

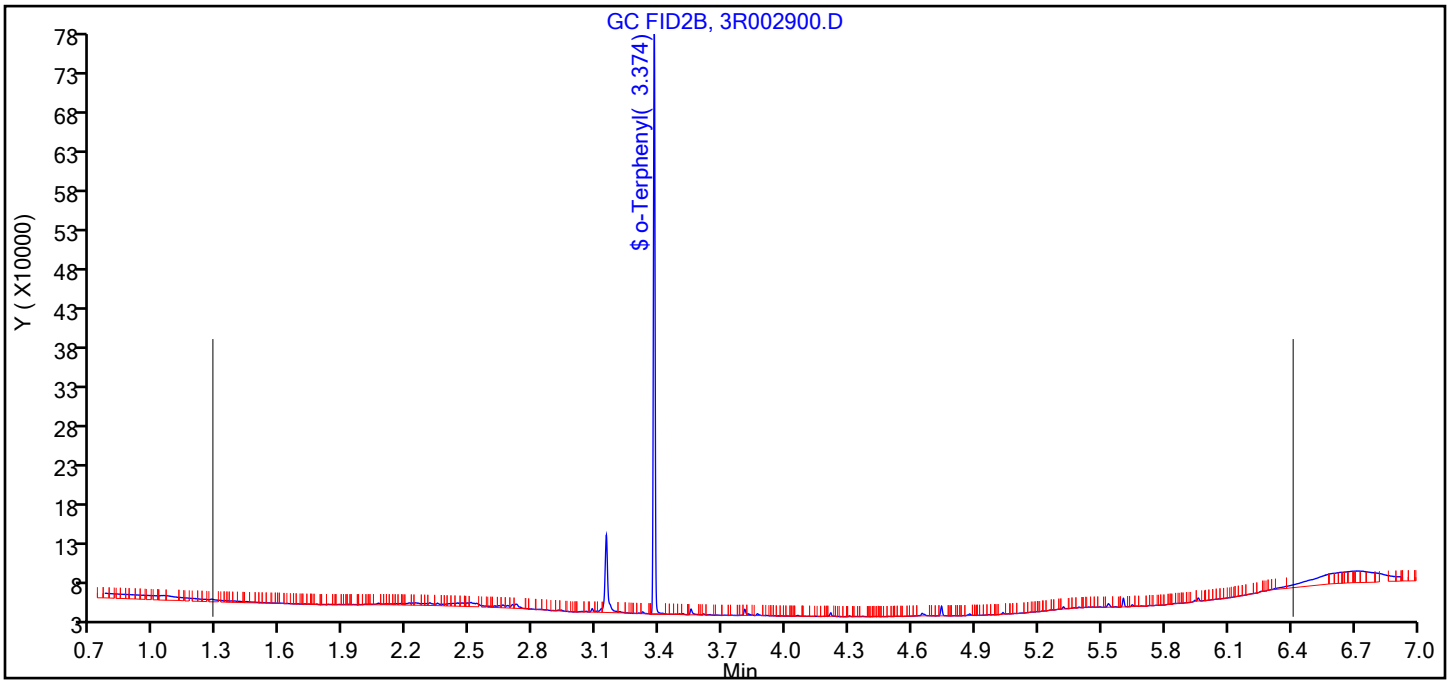
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002900.D				
Injection Date:	08-Apr-2022 04:43:28	Instrument ID:	CBNAGC3		
Lims ID:	460-255715-A-12-A	Lab Sample ID:	460-255715-12		
Client ID:	SB-10 (7-7.5)				
Operator ID:	615	ALS Bottle#:	3	Worklist Smp#:	53
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816, Signal: 1, Type: quant, RT: 3.84

Processing Results



RT	Response	Amount
3.84	323763	18.131455
	Amount:	18.131455

Reviewer: infantew, 08-Apr-2022 10:39:13

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-13 (2-2.5) | Lab Sample ID: 460-255715-13

Matrix: Solid | Lab File ID: 2F146262.D

Analysis Method: 8015D | Date Collected: 04/05/2022 12:55

Extraction Method: 3546 | Date Extracted: 04/18/2022 22:17

Sample wt/vol: 15.04(g) | Date Analyzed: 04/19/2022 08:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: 4.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 839919 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	84		9.1	0.58

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	104		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146262.D
Lims ID: 460-255715-A-13-A
Client ID: SB-13 (2-2.5)
Sample Type: Client
Inject. Date: 19-Apr-2022 08:52:34 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144204-009
Operator ID: Instrument ID: CBNAGC2

Method: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\DRO2F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 19-Apr-2022 12:43:20 Calib Date: 23-Jan-2022 09:46:18
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1655

First Level Reviewer: asfawa Date: 19-Apr-2022 10:22:36

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	4 o-Terphenyl					M
	3.117	3.122	-0.005	237892	20.8	M
A	5 C10-C44					M
	3.295	(1.061-5.529)		13190725	1199.1	M

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 19-Apr-2022 12:43:31 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146262.D

Injection Date: 19-Apr-2022 08:52:34 Instrument ID: CBNAGC2

Lims ID: 460-255715-A-13-A Lab Sample ID: 460-255715-13

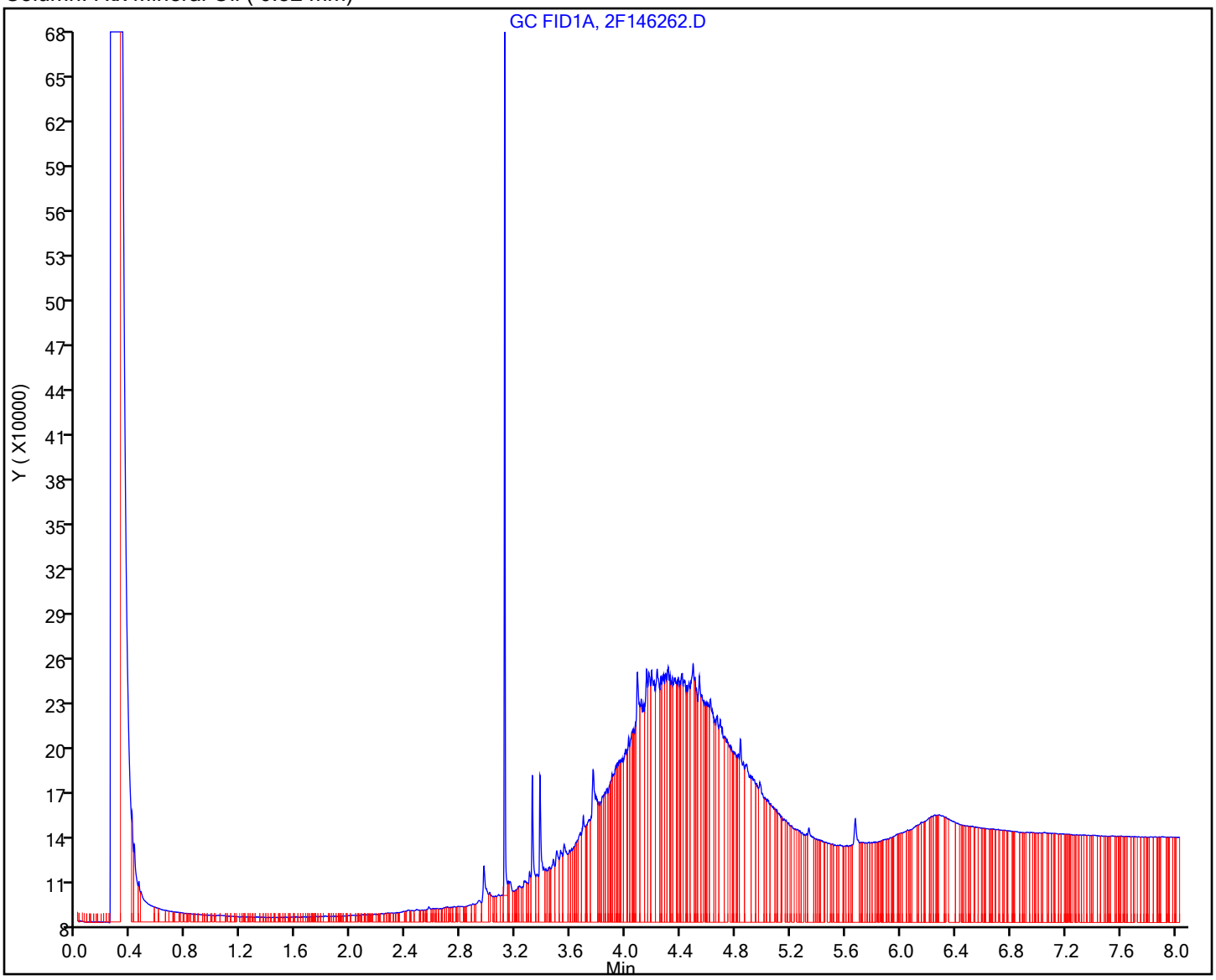
Client ID: SB-13 (2-2.5)

Operator ID: ALS Bottle#: 9 Worklist Smp#: 9

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146262.D				
Lims ID:	460-255715-A-13-A				
Client ID:	SB-13 (2-2.5)				
Sample Type:	Client				
Inject. Date:	19-Apr-2022 08:52:34	ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0144204-009				
Operator ID:		Instrument ID:	CBNAGC2		
Method:	\\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\DRO2F.m				
Limit Group:	GC 8015C DRO ICAL				
Last Update:	19-Apr-2022 12:43:20	Calib Date:	23-Jan-2022 09:46:18		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D				
Column 1 :	Rtx Mineral Oil (0.32 mm)		Det: GC FID1A		
Process Host:	CTX1655				

First Level Reviewer: asfawa Date: 19-Apr-2022 10:22:36

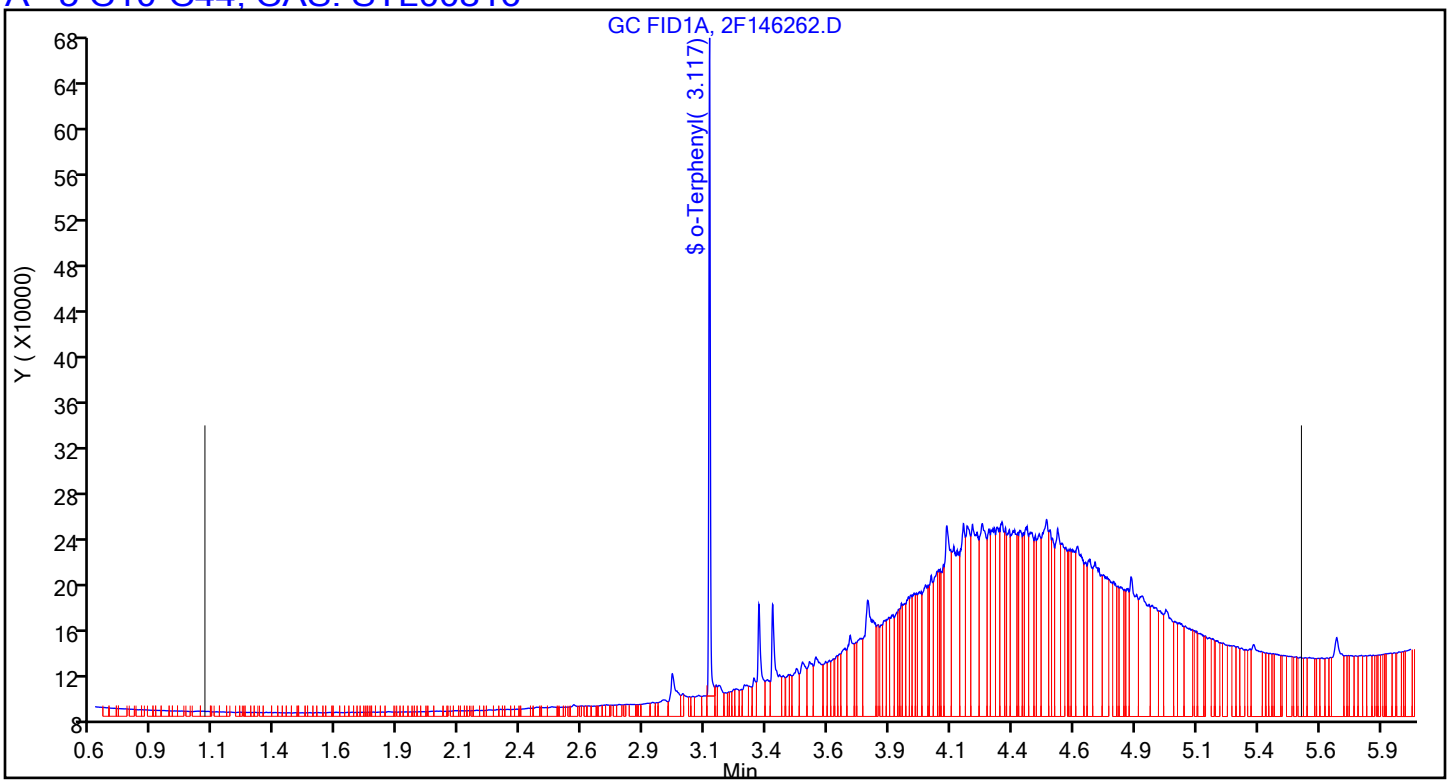
Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	20.8	104.18

Report Date: 19-Apr-2022 12:43:31 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146262.D				
Injection Date:	19-Apr-2022 08:52:34	Instrument ID:	CBNAGC2		
Lims ID:	460-255715-A-13-A	Lab Sample ID:	460-255715-13		
Client ID:	SB-13 (2-2.5)				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO2F	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816



Manual Integration/User Assign Peak Report

Eurofins Edison

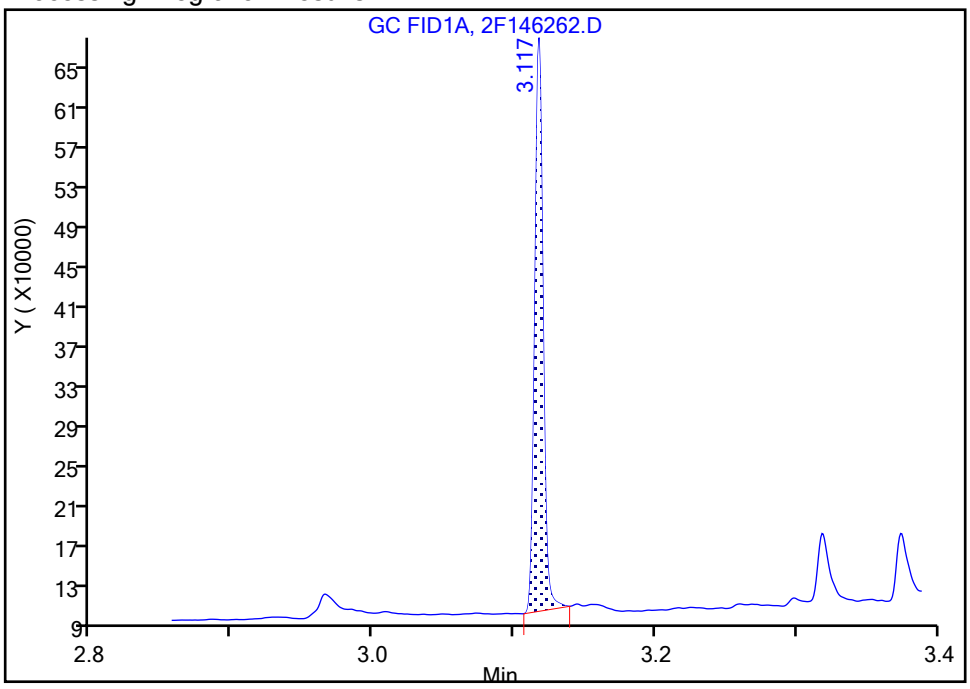
Data File:	\\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146262.D				
Injection Date:	19-Apr-2022 08:52:34	Instrument ID:	CBNAGC2		
Lims ID:	460-255715-A-13-A	Lab Sample ID:	460-255715-13		
Client ID:	SB-13 (2-2.5)				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO2F	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

$ 4 o-Terphenyl, CAS: 84-15-1

Signal: 1

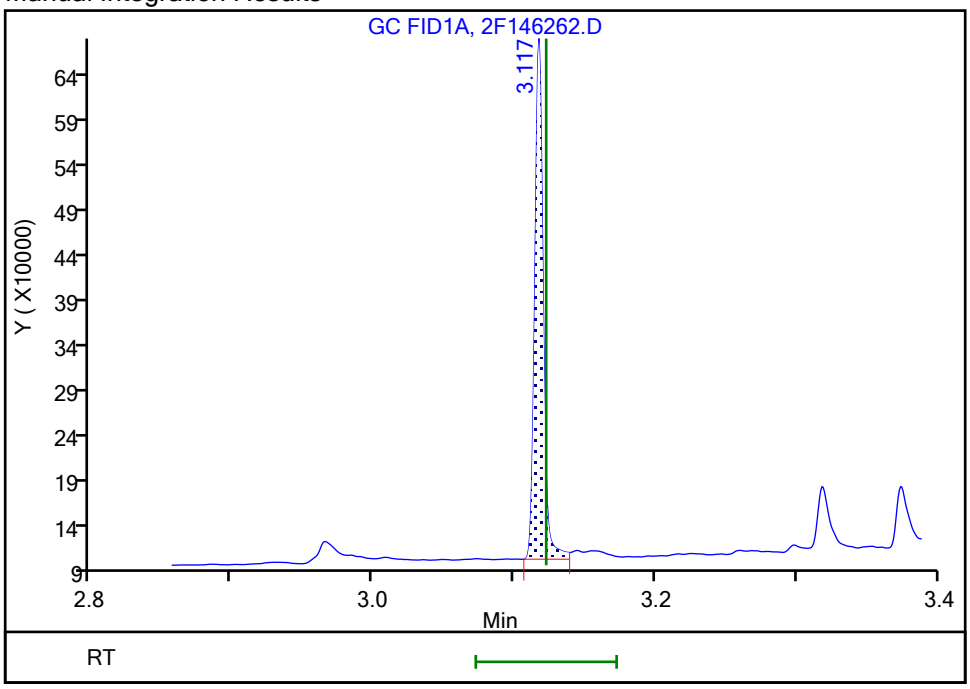
Processing Integration Results

RT: 3.12
Area: 230854
Amount: 20.220203
Amount Units: ug/ml



Manual Integration Results

RT: 3.12
Area: 237892
Amount: 20.836653
Amount Units: ug/ml



Reviewer: asfawa, 19-Apr-2022 10:22:31
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

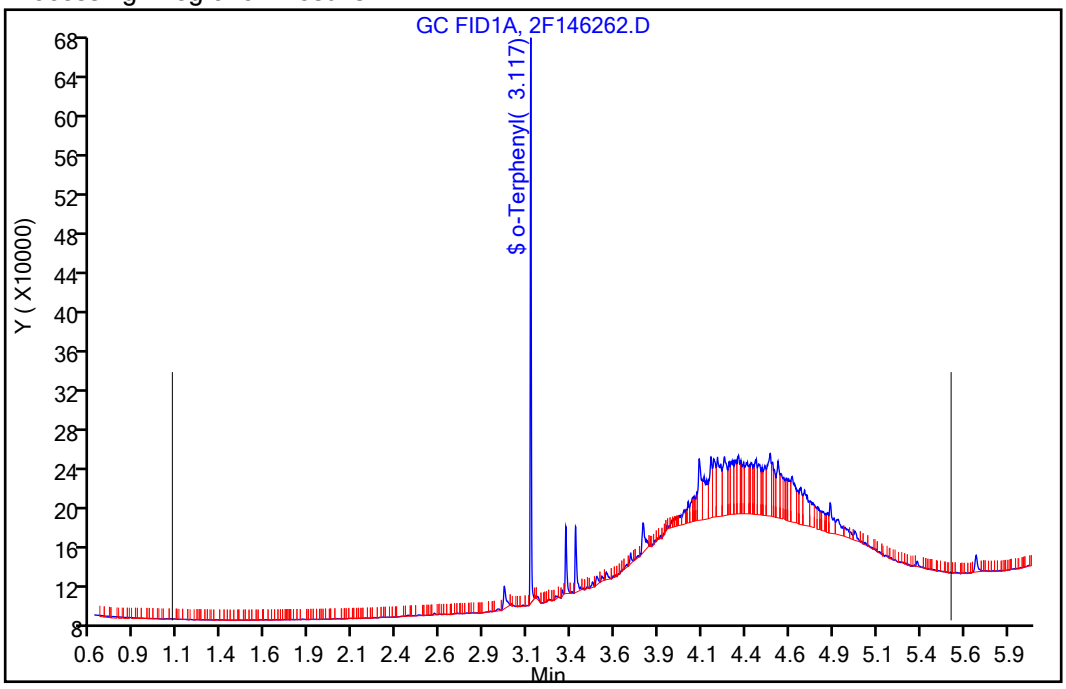
Data File:	\\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146262.D				
Injection Date:	19-Apr-2022 08:52:34	Instrument ID:	CBNAGC2		
Lims ID:	460-255715-A-13-A	Lab Sample ID:	460-255715-13		
Client ID:	SB-13 (2-2.5)				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO2F	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, RT: 3.295, CAS: STL00816

Signal: 1

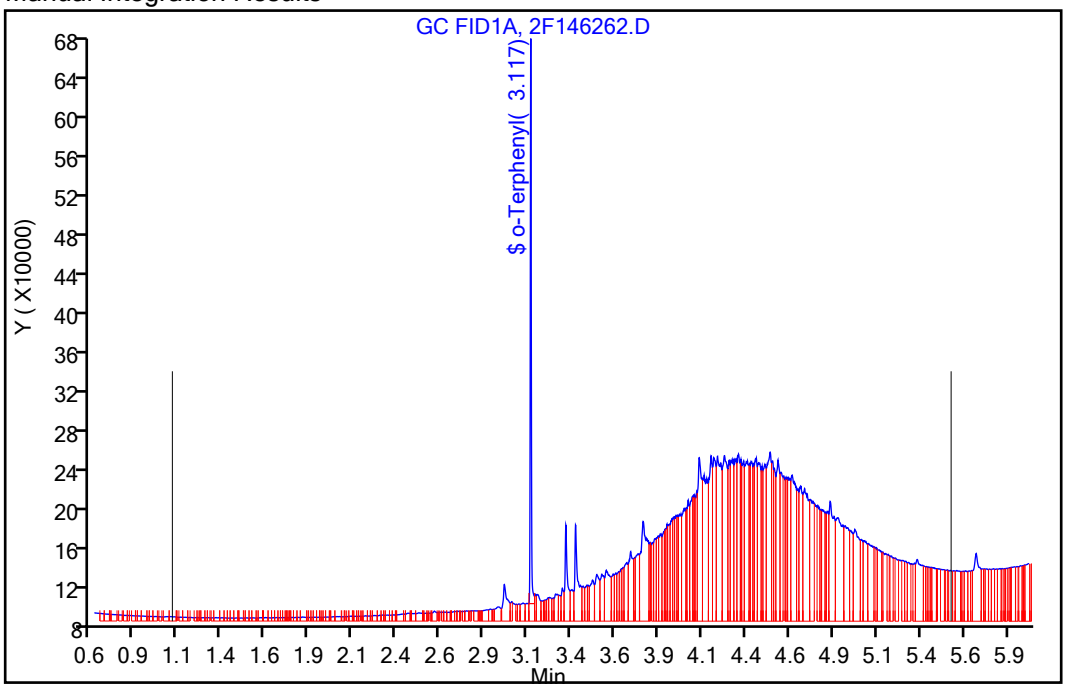
Processing Integration Results

RT: 3.29
Response: 2341689
Amount: 212.8650



Manual Integration Results

RT: 3.29
Response: 13190725
Amount: 1199.0680



Reviewer: asfawa, 19-Apr-2022 10:22:31

Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-13 (7-7.5) | Lab Sample ID: 460-255715-14

Matrix: Solid | Lab File ID: 2F146263.D

Analysis Method: 8015D | Date Collected: 04/05/2022 13:00

Extraction Method: 3546 | Date Extracted: 04/18/2022 22:17

Sample wt/vol: 15.05(g) | Date Analyzed: 04/19/2022 09:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: 15.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 839919 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	0.65	U	10	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	95		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146263.D
Lims ID: 460-255715-A-14-A
Client ID: SB-13 (7-7.5)
Sample Type: Client
Inject. Date: 19-Apr-2022 09:05:11 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144204-010
Operator ID: Instrument ID: CBNAGC2

Method: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\DRO2F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 19-Apr-2022 12:43:20 Calib Date: 23-Jan-2022 09:46:18
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1655

First Level Reviewer: asfawa Date: 19-Apr-2022 10:23:03

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$ 4 o-Terphenyl					
3.119	3.122	-0.003	217046	19.0	

Report Date: 19-Apr-2022 12:43:32 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146263.D

Injection Date: 19-Apr-2022 09:05:11 Instrument ID: CBNAGC2

Lims ID: 460-255715-A-14-A Lab Sample ID: 460-255715-14

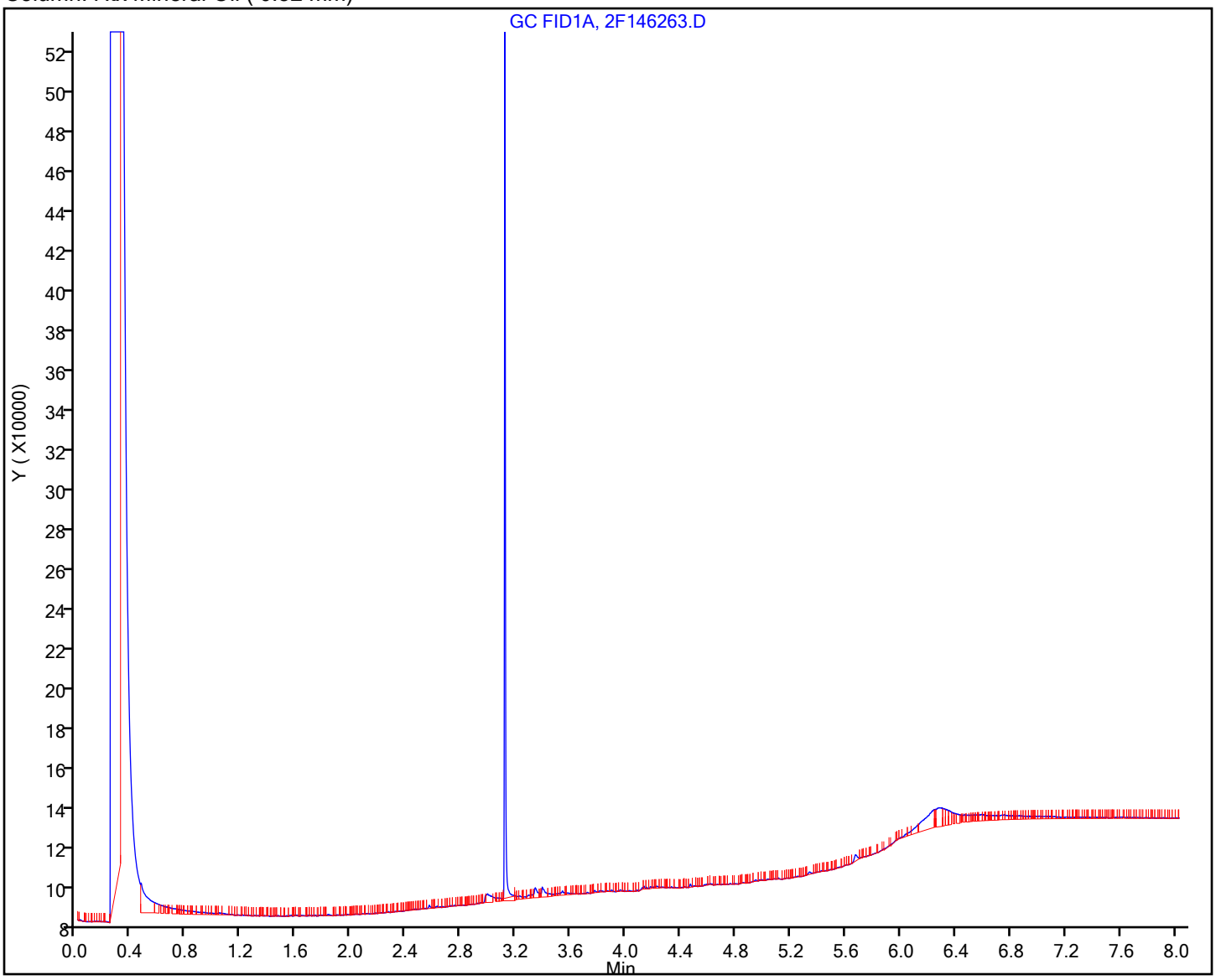
Client ID: SB-13 (7-7.5)

Operator ID: ALS Bottle#: 10 Worklist Smp#: 10

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146263.D
Lims ID: 460-255715-A-14-A
Client ID: SB-13 (7-7.5)
Sample Type: Client
Inject. Date: 19-Apr-2022 09:05:11 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144204-010
Operator ID: Instrument ID: CBNAGC2

Method: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\DRO2F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 19-Apr-2022 12:43:20 Calib Date: 23-Jan-2022 09:46:18
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1655

First Level Reviewer: asfawa Date: 19-Apr-2022 10:23:03

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	19.0	95.05

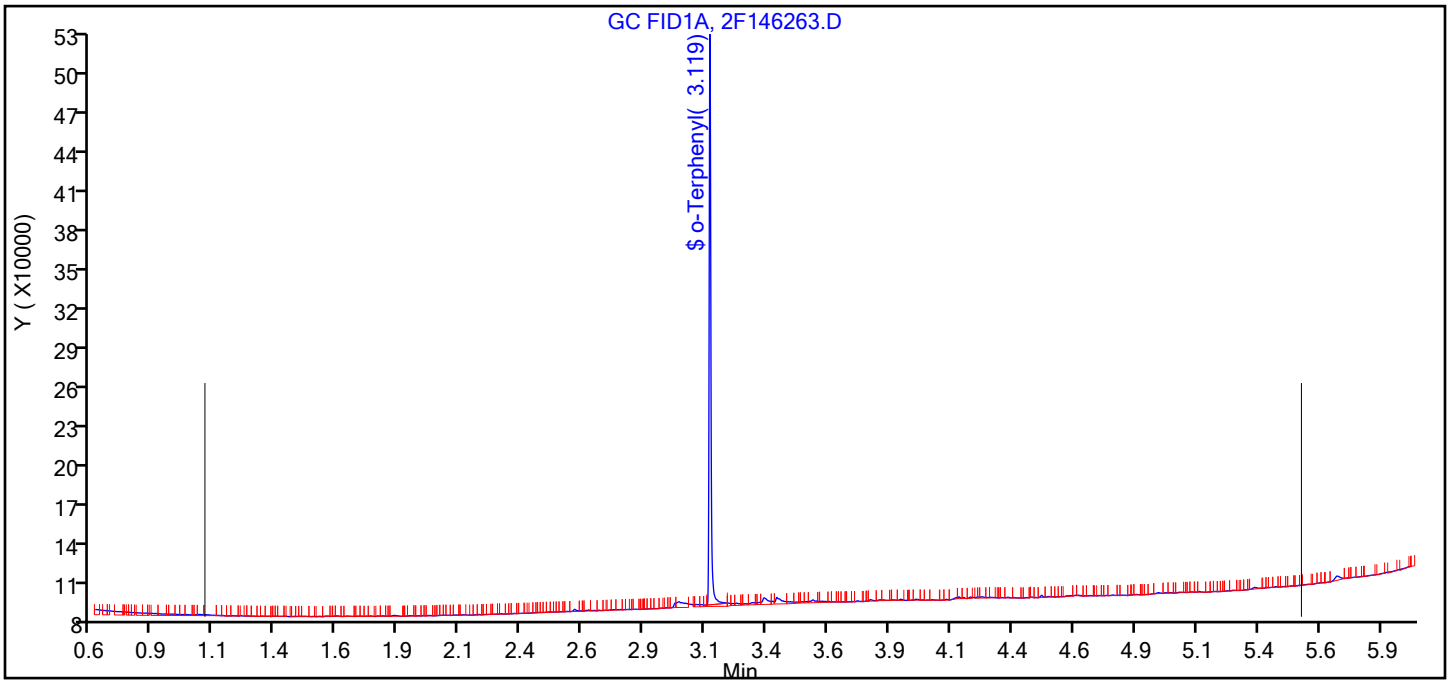
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146263.D				
Injection Date:	19-Apr-2022 09:05:11	Instrument ID:	CBNAGC2		
Lims ID:	460-255715-A-14-A	Lab Sample ID:	460-255715-14		
Client ID:	SB-13 (7-7.5)				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO2F	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816, Signal: 1, Type: quant, RT: 3.29

Processing Results



RT	Response	Amount
3.29	109509	9.954626
	Amount:	9.954626

Reviewer: dalanginc, 19-Apr-2022 12:30:28

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: SB-16 (3-5) | Lab Sample ID: 460-255715-15

Matrix: Solid | Lab File ID: 2F146264.D

Analysis Method: 8015D | Date Collected: 04/05/2022 13:20

Extraction Method: 3546 | Date Extracted: 04/18/2022 22:17

Sample wt/vol: 15.02(g) | Date Analyzed: 04/19/2022 09:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: 8.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 839919 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	0.60	U	9.5	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	102		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146264.D
Lims ID: 460-255715-A-15-A
Client ID: SB-16 (3-5)
Sample Type: Client
Inject. Date: 19-Apr-2022 09:17:46 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144204-011
Operator ID: Instrument ID: CBNAGC2

Method: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\DRO2F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 19-Apr-2022 12:43:20 Calib Date: 23-Jan-2022 09:46:18
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1655

First Level Reviewer: asfawa Date: 19-Apr-2022 10:23:25

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$ 4 o-Terphenyl					
3.118	3.122	-0.004	233020	20.4	

Report Date: 19-Apr-2022 12:43:33 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146264.D

Injection Date: 19-Apr-2022 09:17:46 Instrument ID: CBNAGC2

Lims ID: 460-255715-A-15-A Lab Sample ID: 460-255715-15

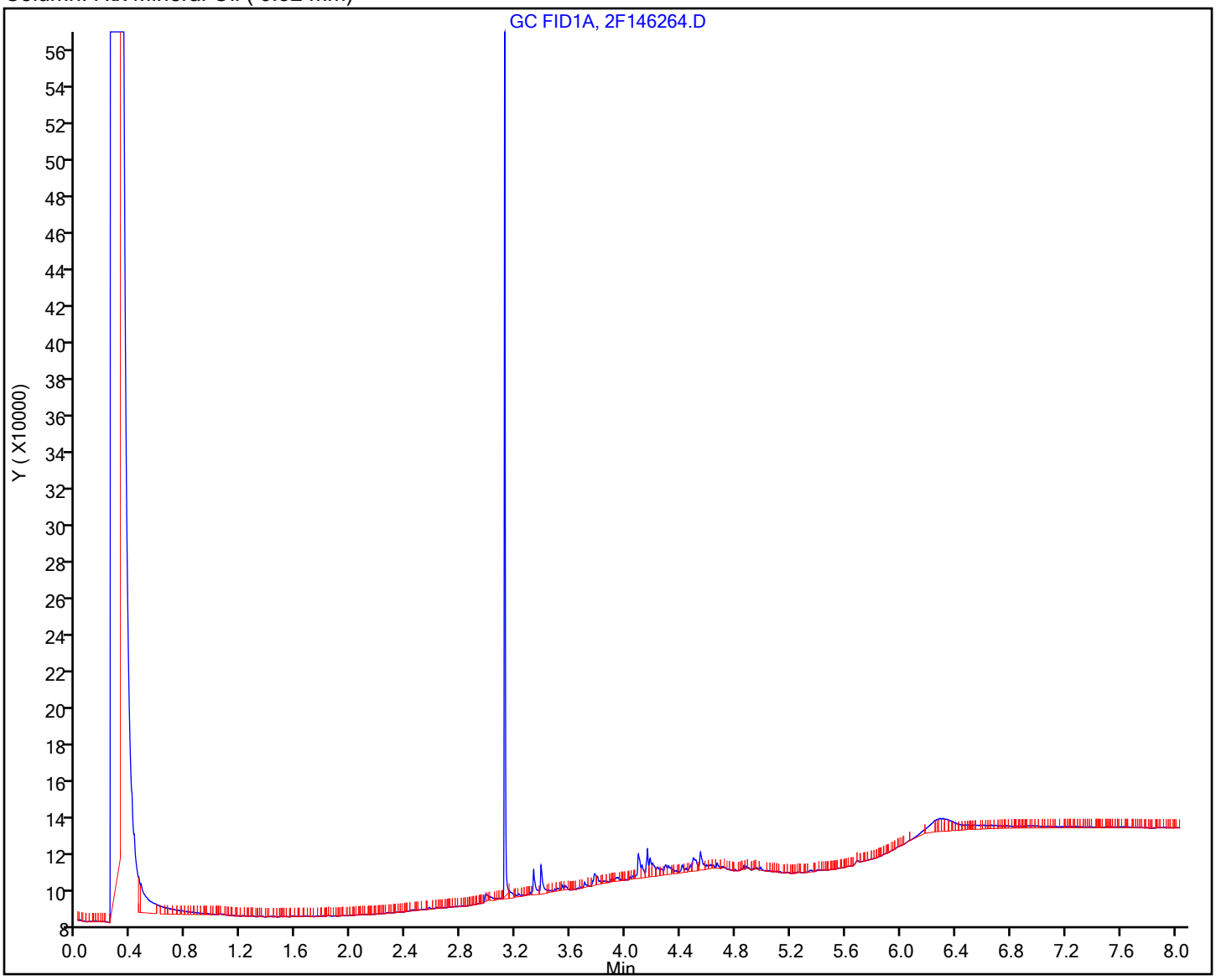
Client ID: SB-16 (3-5)

Operator ID: ALS Bottle#: 11 Worklist Smp#: 11

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146264.D				
Lims ID:	460-255715-A-15-A				
Client ID:	SB-16 (3-5)				
Sample Type:	Client				
Inject. Date:	19-Apr-2022 09:17:46	ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0144204-011				
Operator ID:		Instrument ID:	CBNAGC2		
Method:	\\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\DRO2F.m				
Limit Group:	GC 8015C DRO ICAL				
Last Update:	19-Apr-2022 12:43:20	Calib Date:	23-Jan-2022 09:46:18		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D				
Column 1 :	Rtx Mineral Oil (0.32 mm)		Det: GC FID1A		
Process Host:	CTX1655				

First Level Reviewer: asfawa Date: 19-Apr-2022 10:23:25

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	20.4	102.05

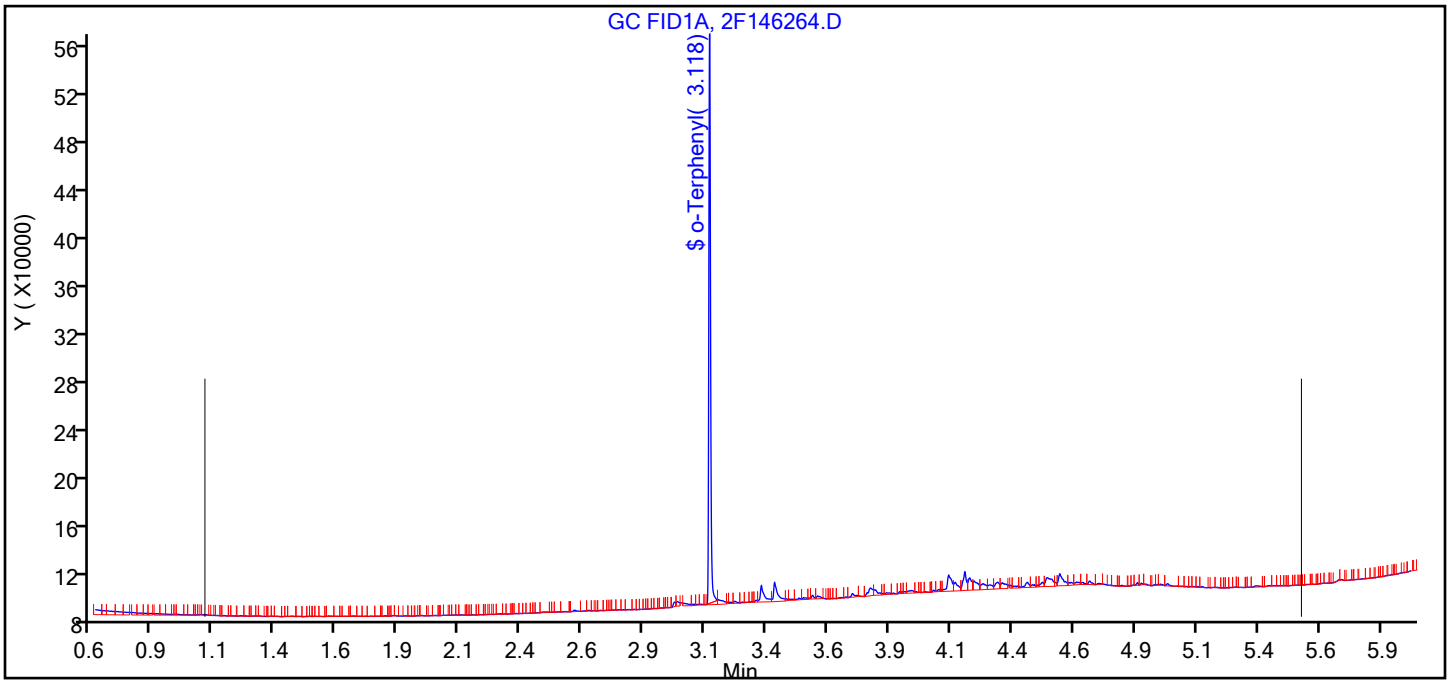
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146264.D				
Injection Date:	19-Apr-2022 09:17:46	Instrument ID:	CBNAGC2		
Lims ID:	460-255715-A-15-A	Lab Sample ID:	460-255715-15		
Client ID:	SB-16 (3-5)				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO2F	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816, Signal: 1, Type: quant, RT: 3.29

Processing Results



RT	Response	Amount
3.29	271062	24.640175
	Amount:	24.640175

Reviewer: dalanginc, 19-Apr-2022 12:31:05

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 824714

SDG No.:

Instrument ID: CBNAGC2 GC Column: Rtx-Mineral ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2022 08:55 Calibration End Date: 01/23/2022 09:46 Calibration ID: 88781

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-824714/6	2F144468.D
Level 2	STD2 460-824714/5	2F144467.D
Level 3	STD3 460-824714/2	2F144464.D
Level 4	STD4 460-824714/3	2F144465.D
Level 5	STD5 460-824714/4	2F144466.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
n-Decane	1.312	1.309	1.309	1.308	1.311						1.059 - 1.559	1.310
Diesel Range Organics [C10-C28]	2.788	2.788	2.788	2.788	2.788						1.209 - 4.367	2.788
C10-C44	3.512	3.512	3.512	3.512	3.512						1.209 - 5.814	3.512
n-Octacosane	4.267	4.262	4.267	4.267	4.276						4.017 - 4.517	4.268
C28-C44	4.991	4.991	4.991	4.991	4.991						4.167 - 5.814	4.991
o-Terphenyl	3.197	3.196	3.196	3.198	3.198						3.146 - 3.246	3.197

FORM VI
DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 824714

SDG No.:

Instrument ID: CBNAGC2 GC Column: Rtx-Mineral ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2022 08:55 Calibration End Date: 01/23/2022 09:46 Calibration ID: 88781

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-824714/6	2F144468.D
Level 2	STD2 460-824714/5	2F144467.D
Level 3	STD3 460-824714/2	2F144464.D
Level 4	STD4 460-824714/3	2F144465.D
Level 5	STD5 460-824714/4	2F144466.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
n-Decane	8794.0 9146.2	8238.7	8552.0	8687.3	Ave		8683.6240				1.0		20.0			
Diesel Range Organics [C10-C28]	10390 10663	9499.1	9907.6	9784.7	Ave		10048.882				4.7		20.0			
C10-C44	11208 11674	10349	10876	10897	Ave		11000.814				4.4		20.0			
n-Octacosane	11972 12491	10970	11646	11507	Ave		11717.196				4.8		20.0			
C28-C44	12850 13661	12011	12780	13027	Ave		12866.100				4.6		20.0			
o-Terphenyl	11643 12090	10842	11397	11113	Ave		11416.997				4.2		20.0			

Note: The M1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 824714

SDG No.:

Instrument ID: CBNAGC2 GC Column: Rtx-Mineral ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2022 08:55 Calibration End Date: 01/23/2022 09:46 Calibration ID: 88781

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-824714/6	2F144468.D
Level 2	STD2 460-824714/5	2F144467.D
Level 3	STD3 460-824714/2	2F144464.D
Level 4	STD4 460-824714/3	2F144465.D
Level 5	STD5 460-824714/4	2F144466.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
n-Decane	Ave	70352	329547	684157	1737465	3658463	8.00	40.0	80.0	200	400
Diesel Range Organics [C10-C28]	Ave	748082	3419686	7133478	17612444	38386647	72.0	360	720	1800	3600
C10-C44	Ave	1165625	5381530	11310933	28332613	60704745	104	520	1040	2600	5200
n-Octacosane	Ave	95777	438782	931656	2301442	4996559	8.00	40.0	80.0	200	400
C28-C44	Ave	514011	2402273	5112170	13027276	27322327	40.0	200	400	1000	2000
o-Terphenyl	Ave	46570	216846	455881	1111272	2418088	4.00	20.0	40.0	100	200

Curve Type Legend
Ave = Average

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144464.D
Lims ID: STD3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 23-Jan-2022 08:55:33 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0140536-002
Operator ID: Instrument ID: CBNAGC2
Sublist: chrom-DRO2F*sub6

Method: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\DRO2F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 23-Jan-2022 10:18:27 Calib Date: 23-Jan-2022 09:46:18
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1657

First Level Reviewer: hamzik Date: 23-Jan-2022 09:50:51

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.309	1.309	0.000	684157	80.0	78.8	
A	3 C10-C28						
	2.788	(1.209-4.367)		7133478	720.0	709.9	
$	4 o-Terphenyl						
	3.196	3.196	0.000	455881	40.0	39.9	
A	5 C10-C44						
	3.512	(1.209-5.814)		11310933	1040.0	1028.2	
	6 n-Octacosane						
	4.267	4.267	0.000	931656	80.0	79.5	
A	7 C28-C44						
	4.991	(4.167-5.814)		5112170	400.0	397.3	
	8 Tetratetracontane						
	5.714	5.714	0.000	1054633	80.0	82.0	

QC Flag Legend
Processing Flags

Reagents:
SGOROL3_00003 Amount Added: 1.00 Units: mL

Report Date: 23-Jan-2022 10:18:28 Chrom Revision: 2.3 03-Jan-2022 17:03:12

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144464.D

Injection Date: 23-Jan-2022 08:55:33 Instrument ID: CBNAGC2

Lims ID: STD3

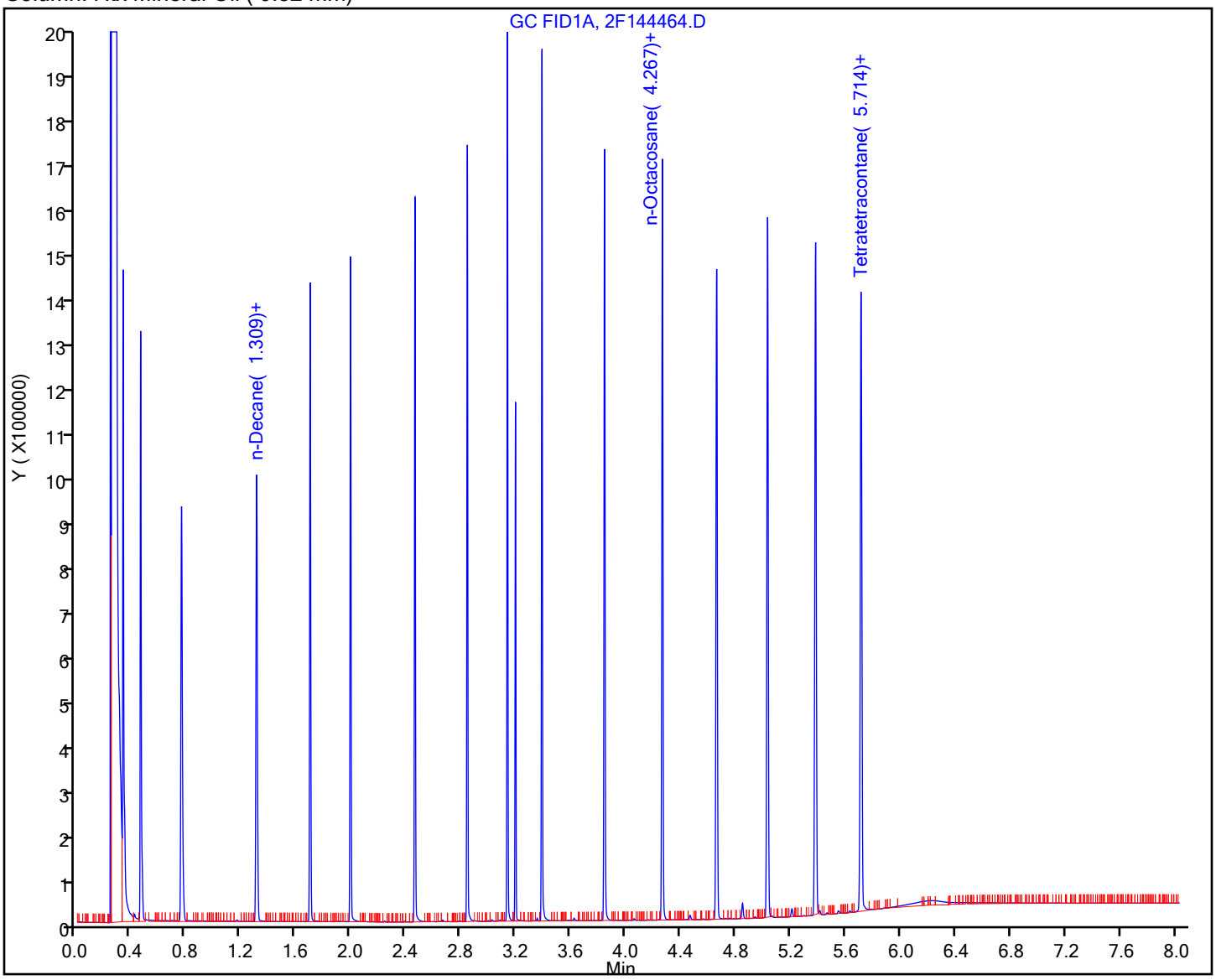
Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Report Date: 23-Jan-2022 10:18:28 Chrom Revision: 2.3 03-Jan-2022 17:03:12

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144464.D

Injection Date: 23-Jan-2022 08:55:33 Instrument ID: CBNAGC2

Lims ID: STD3

Client ID:

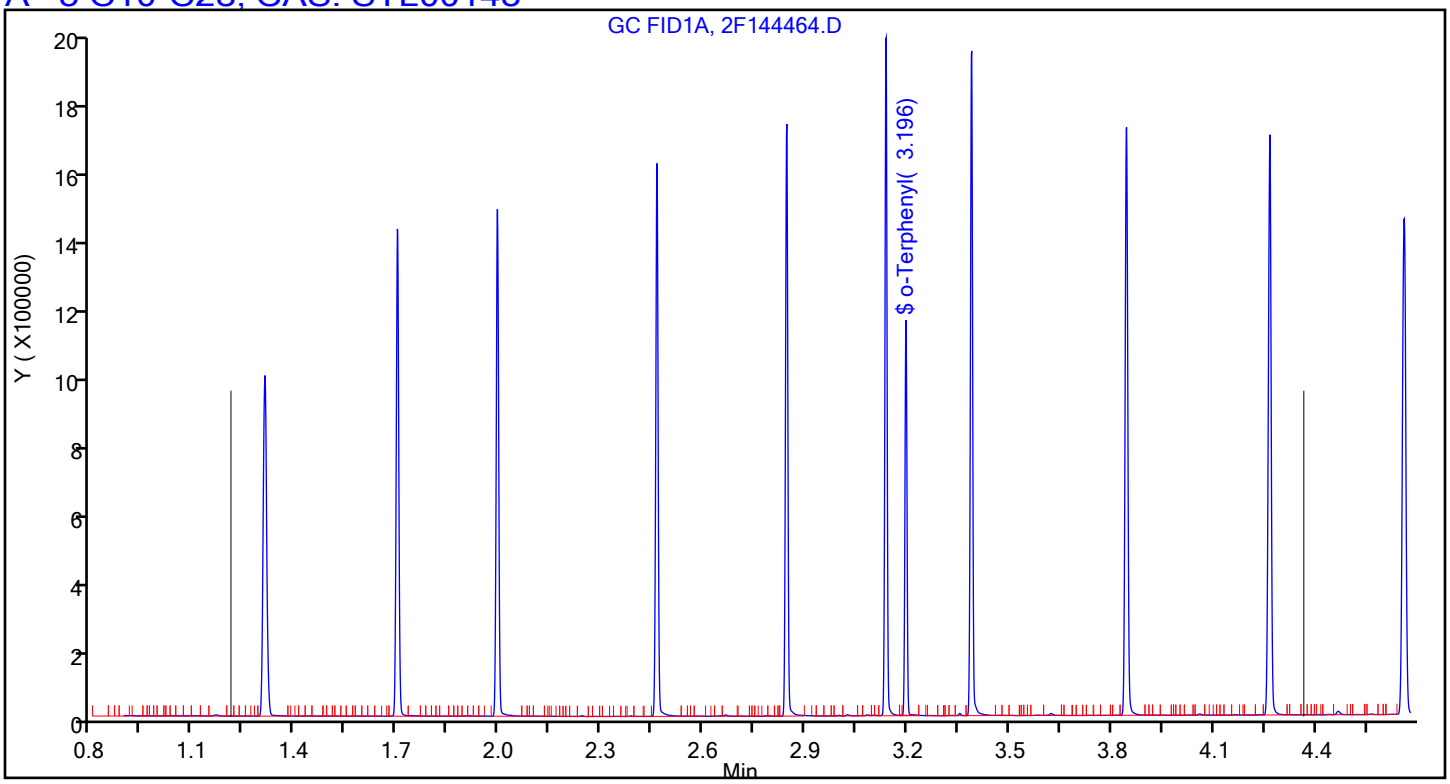
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 3 C10-C28, CAS: STL00143

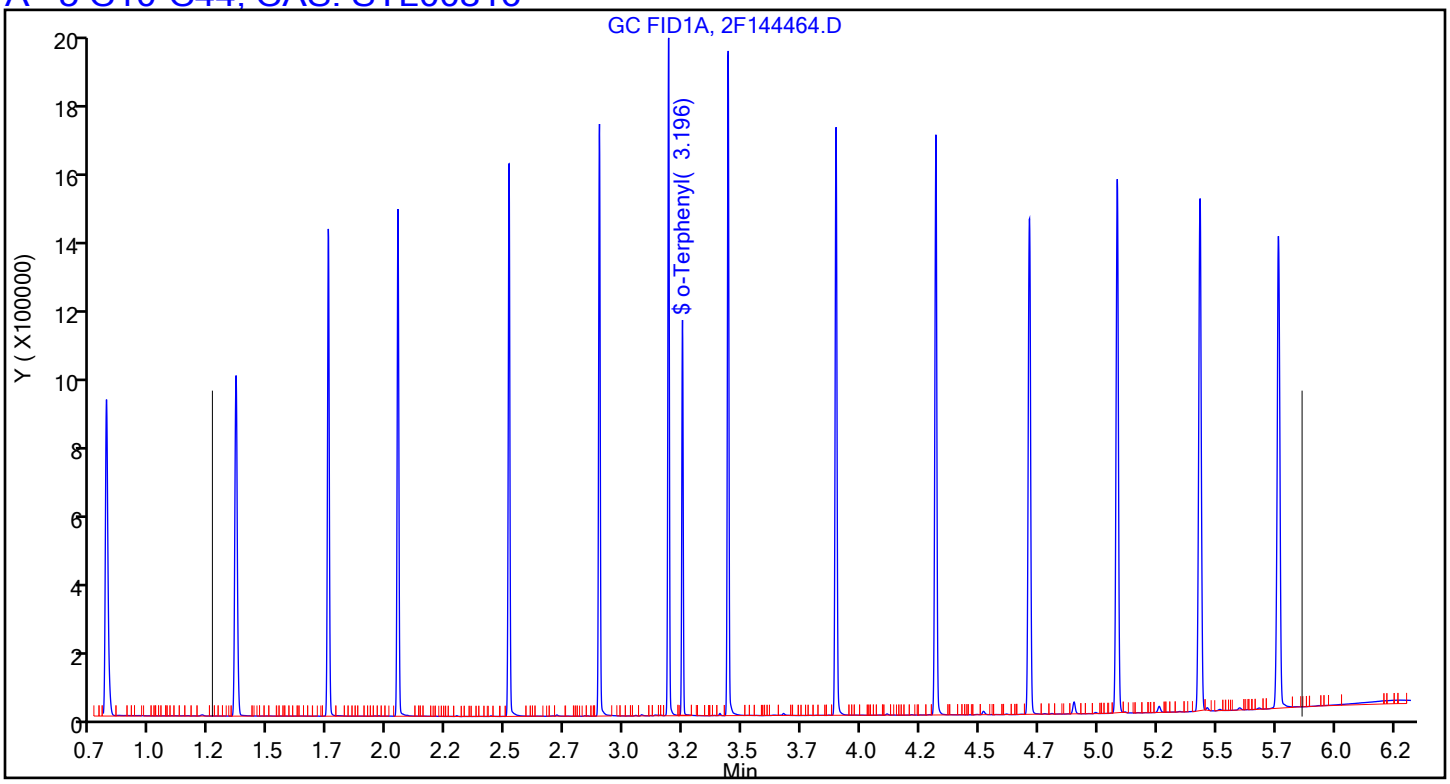


Report Date: 23-Jan-2022 10:18:28 Chrom Revision: 2.3 03-Jan-2022 17:03:12

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144464.D
Injection Date: 23-Jan-2022 08:55:33 Instrument ID: CBNAGC2
Lims ID: STD3
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO2F Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 5 C10-C44, CAS: STL00816



Report Date: 23-Jan-2022 10:18:28 Chrom Revision: 2.3 03-Jan-2022 17:03:12

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144464.D

Injection Date: 23-Jan-2022 08:55:33 Instrument ID: CBNAGC2

Lims ID: STD3

Client ID:

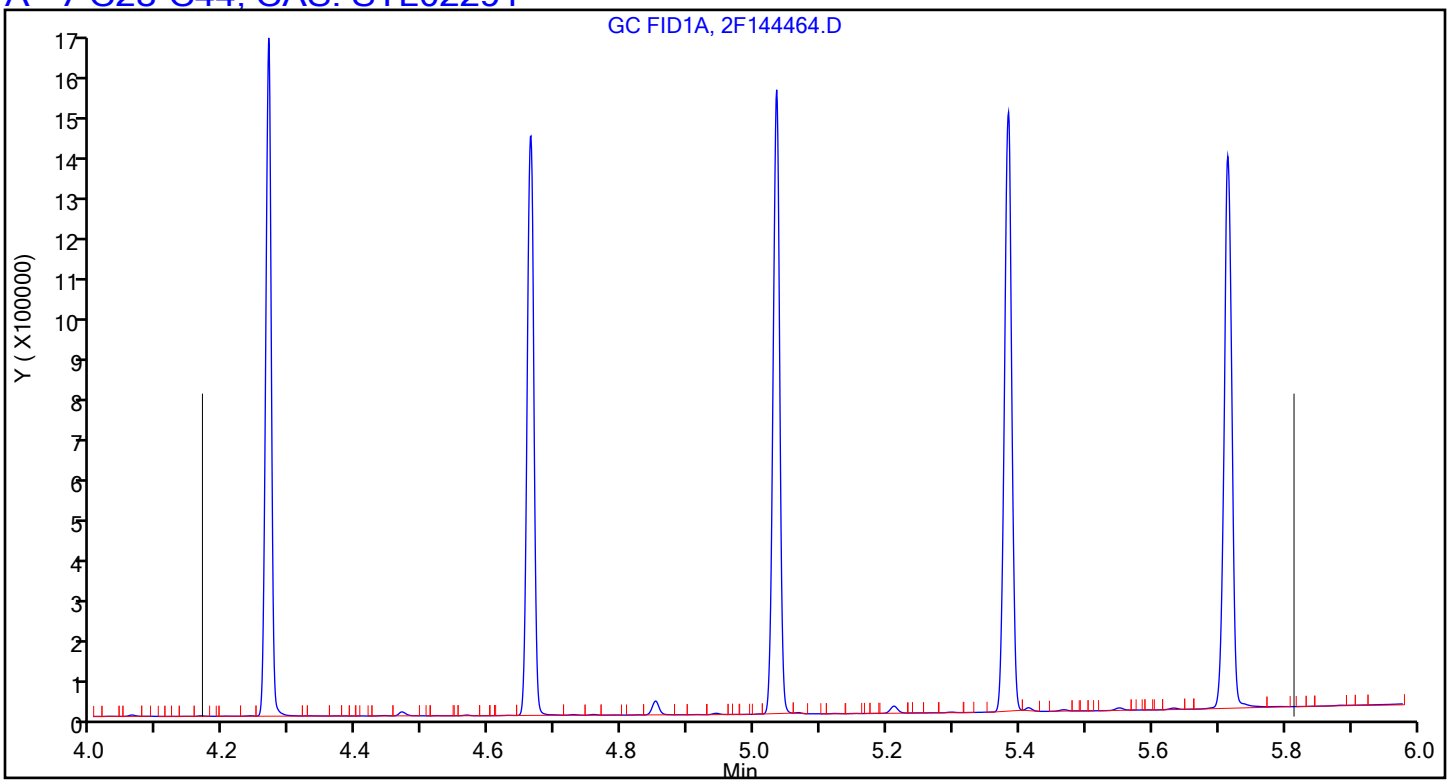
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 7 C28-C44, CAS: STL02291



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144465.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 23-Jan-2022 09:08:11 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0140536-003
Operator ID: Instrument ID: CBNAGC2
Sublist: chrom-DRO2F*sub6

Method: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\DRO2F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 23-Jan-2022 10:18:28 Calib Date: 23-Jan-2022 09:46:18
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1657

First Level Reviewer: hamzik Date: 23-Jan-2022 09:51:38

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.308	1.309	-0.001	1737465	200.0	200.1	
A	3 C10-C28						
	2.788	(1.209-4.367)		17612444	1800.0	1752.7	
$	4 o-Terphenyl						
	3.198	3.196	0.002	1111272	100.0	97.3	
A	5 C10-C44						
	3.512	(1.209-5.814)		28332613	2600.0	2575.5	
	6 n-Octacosane						
	4.267	4.267	0.000	2301442	200.0	196.4	
A	7 C28-C44						
	4.991	(4.167-5.814)		13027276	1000.0	1012.5	
	8 Tetratetracontane						
	5.717	5.714	0.003	2750236	200.0	213.8	

QC Flag Legend

Processing Flags

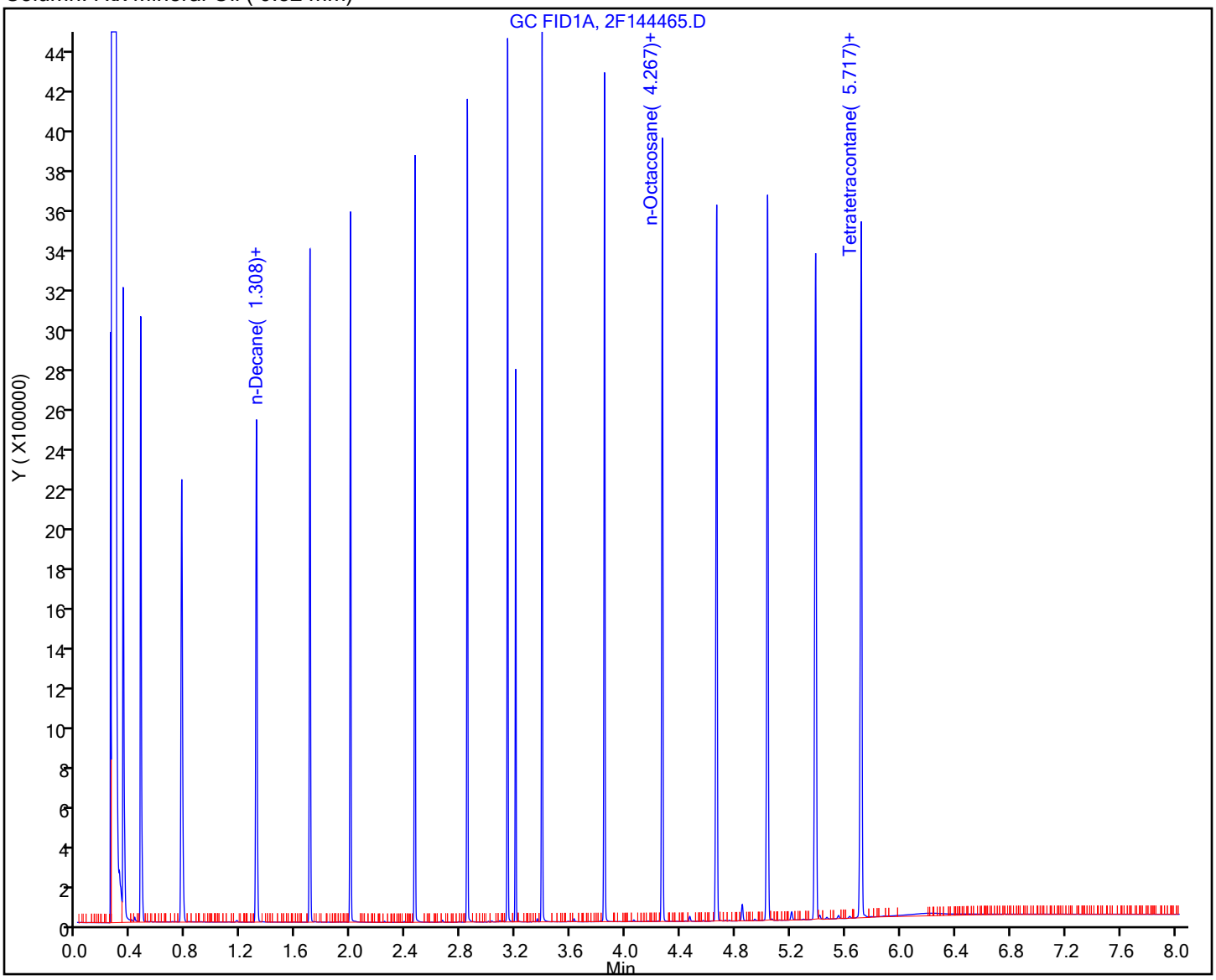
Reagents:

SGOROL4_00003 Amount Added: 1.00 Units: mL

Report Date: 23-Jan-2022 10:18:29 Chrom Revision: 2.3 03-Jan-2022 17:03:12

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144465.D
Injection Date: 23-Jan-2022 09:08:11 Instrument ID: CBNAGC2
Lims ID: STD4
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO2F Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm)

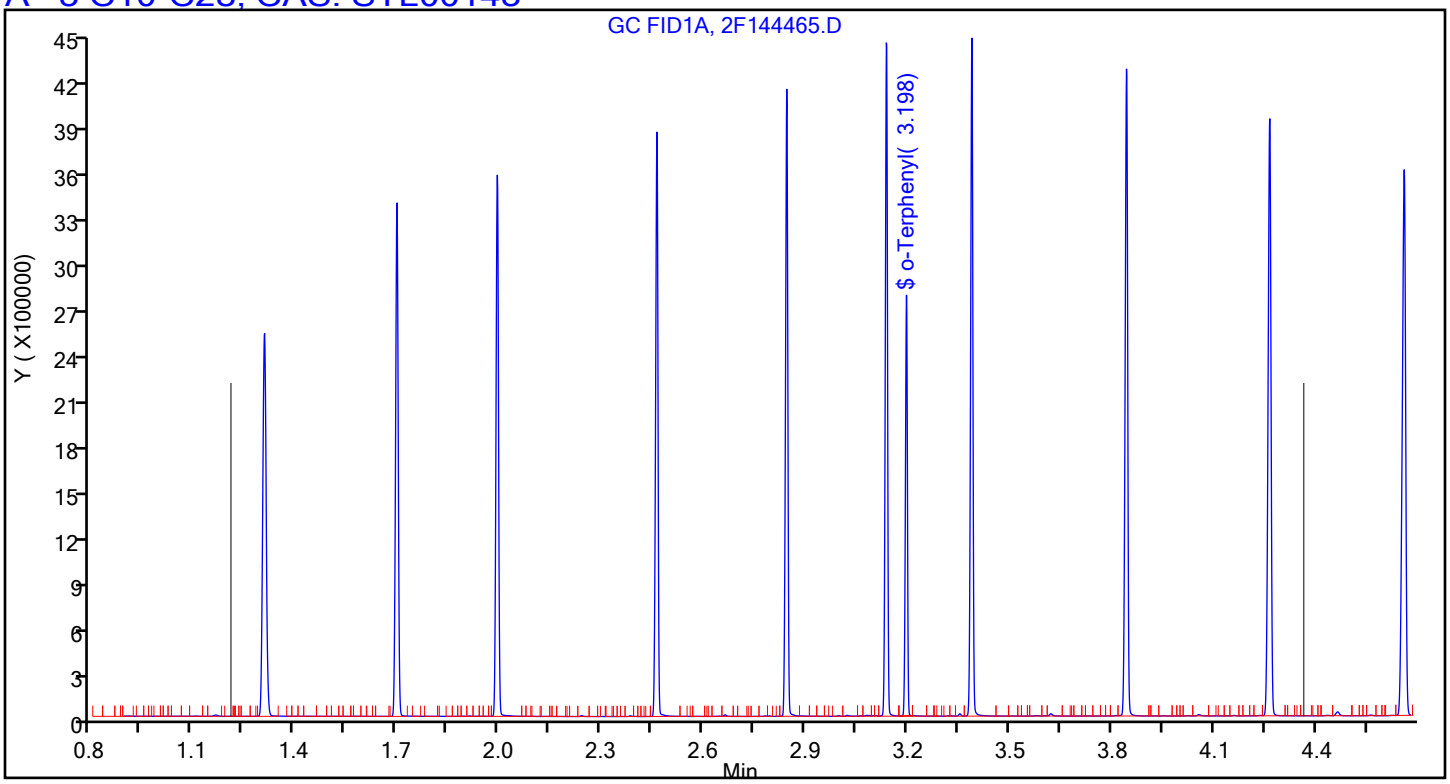


Report Date: 23-Jan-2022 10:18:29 Chrom Revision: 2.3 03-Jan-2022 17:03:12

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144465.D				
Injection Date:	23-Jan-2022 09:08:11	Instrument ID:	CBNAGC2		
Lims ID:	STD4				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO2F	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 3 C10-C28, CAS: STL00143



Report Date: 23-Jan-2022 10:18:29 Chrom Revision: 2.3 03-Jan-2022 17:03:12

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144465.D

Injection Date: 23-Jan-2022 09:08:11 Instrument ID: CBNAGC2

Lims ID: STD4

Client ID:

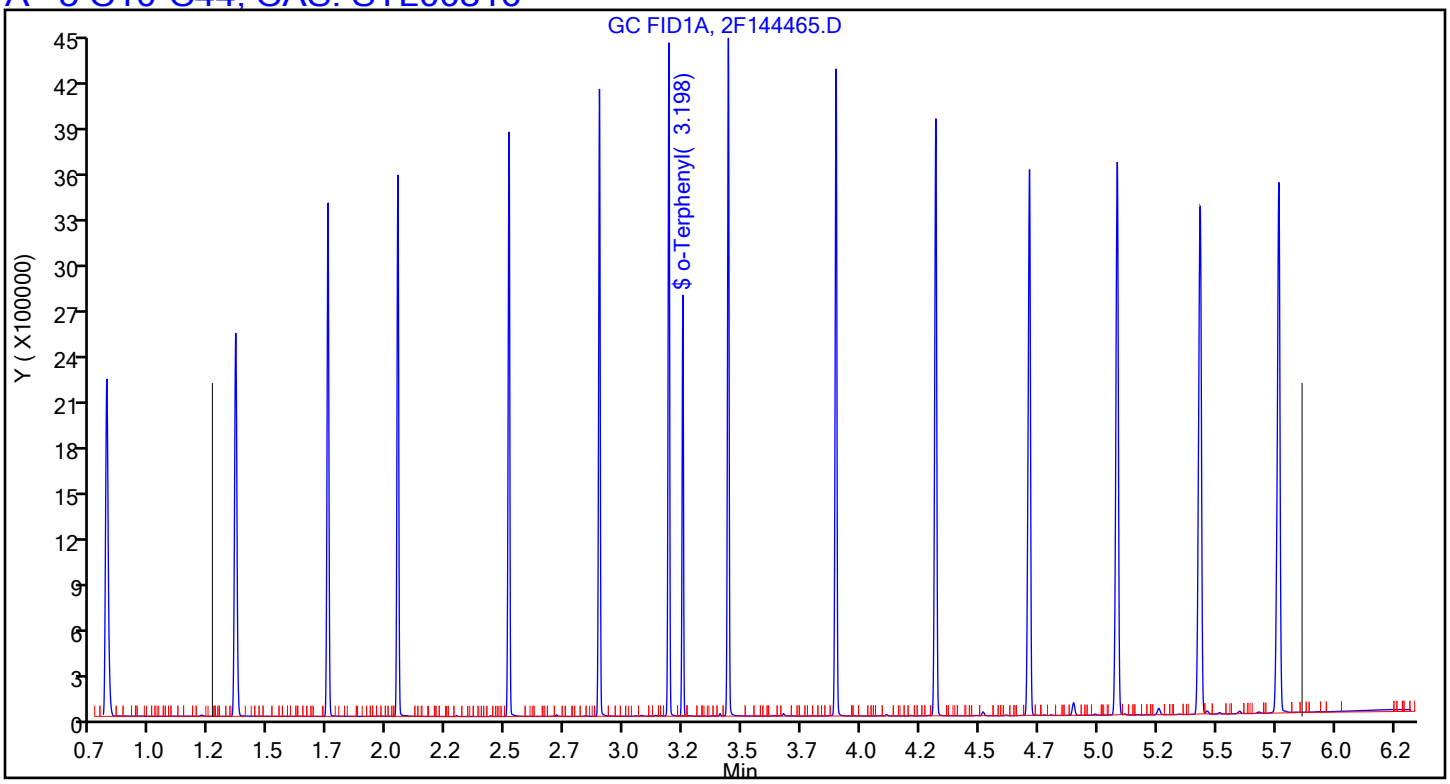
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 5 C10-C44, CAS: STL00816



Report Date: 23-Jan-2022 10:18:29 Chrom Revision: 2.3 03-Jan-2022 17:03:12

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144465.D

Injection Date: 23-Jan-2022 09:08:11 Instrument ID: CBNAGC2

Lims ID: STD4

Client ID:

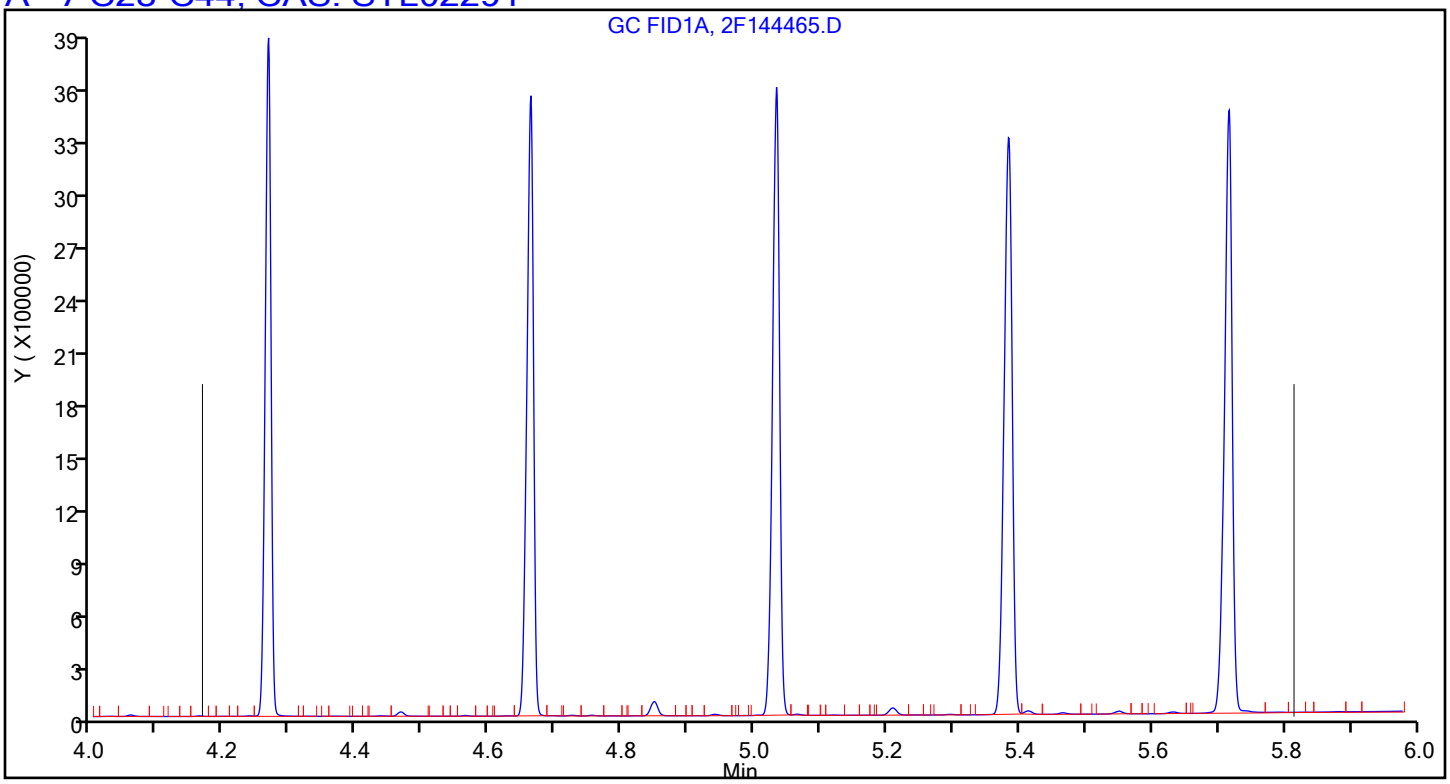
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 7 C28-C44, CAS: STL02291



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144466.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 23-Jan-2022 09:21:02 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0140536-004
Operator ID: Instrument ID: CBNAGC2
Sublist: chrom-DRO2F*sub6

Method: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\DRO2F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 23-Jan-2022 10:18:29 Calib Date: 23-Jan-2022 09:46:18
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1657

First Level Reviewer: hamzik Date: 23-Jan-2022 09:51:52

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.311	1.309	0.002	3658463	400.0	421.3	
A	3 C10-C28						
	2.788	(1.209-4.367)		38386647	3600.0	3820.0	
$	4 o-Terphenyl						
	3.198	3.196	0.002	2418088	200.0	211.8	
A	5 C10-C44						
	3.512	(1.209-5.814)		60704745	5200.0	5518.2	
	6 n-Octacosane						
	4.276	4.267	0.009	4996559	400.0	426.4	
A	7 C28-C44						
	4.991	(4.167-5.814)		27322327	2000.0	2123.6	
	8 Tetratetracontane						
	5.734	5.714	0.020	5624046	400.0	437.3	

QC Flag Legend

Processing Flags

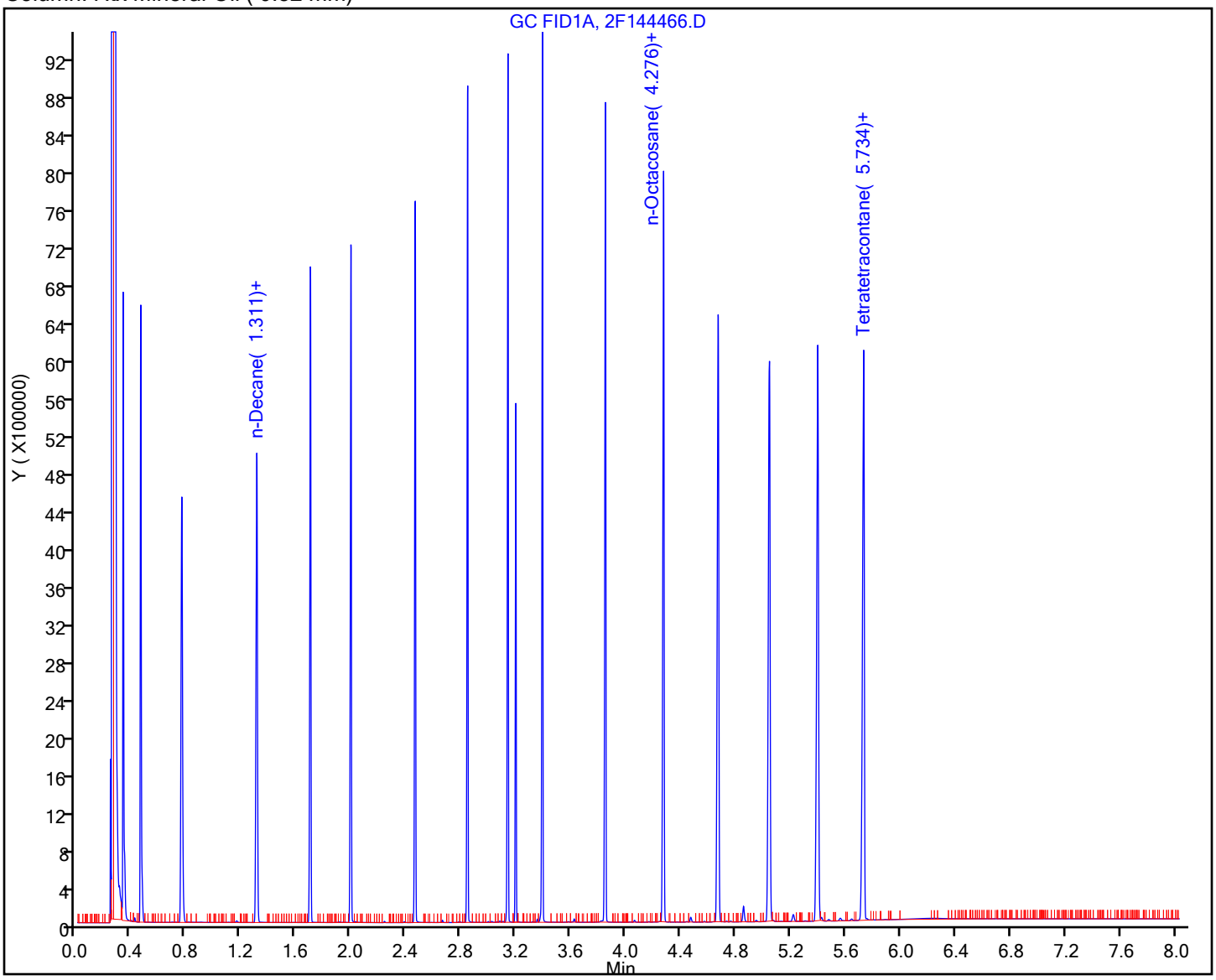
Reagents:

SGOROL5_00003 Amount Added: 1.00 Units: mL

Report Date: 23-Jan-2022 10:18:30 Chrom Revision: 2.3 03-Jan-2022 17:03:12

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144466.D
Injection Date: 23-Jan-2022 09:21:02 Instrument ID: CBNAGC2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO2F Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm)



Report Date: 23-Jan-2022 10:18:30 Chrom Revision: 2.3 03-Jan-2022 17:03:12

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144466.D

Injection Date: 23-Jan-2022 09:21:02 Instrument ID: CBNAGC2

Lims ID: STD5

Client ID:

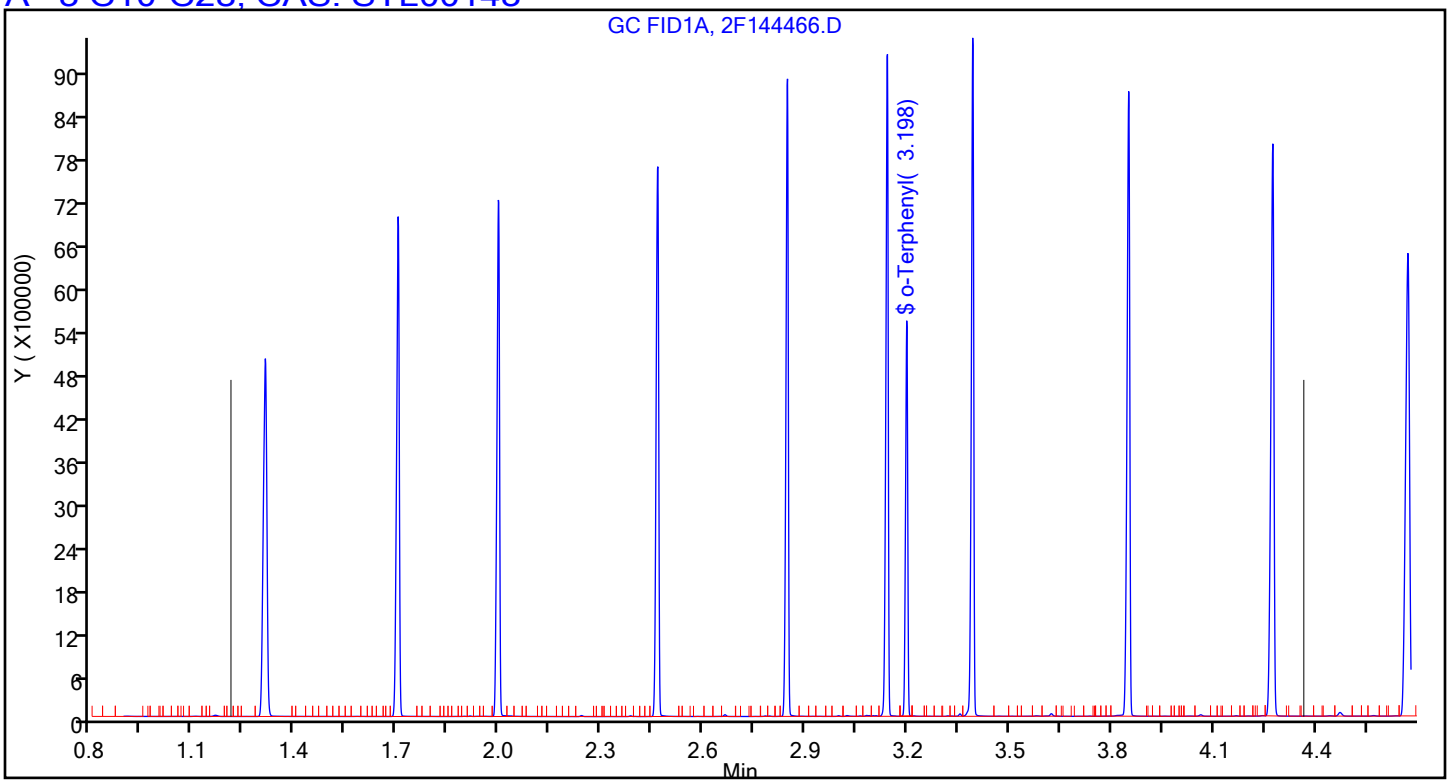
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 3 C10-C28, CAS: STL00143

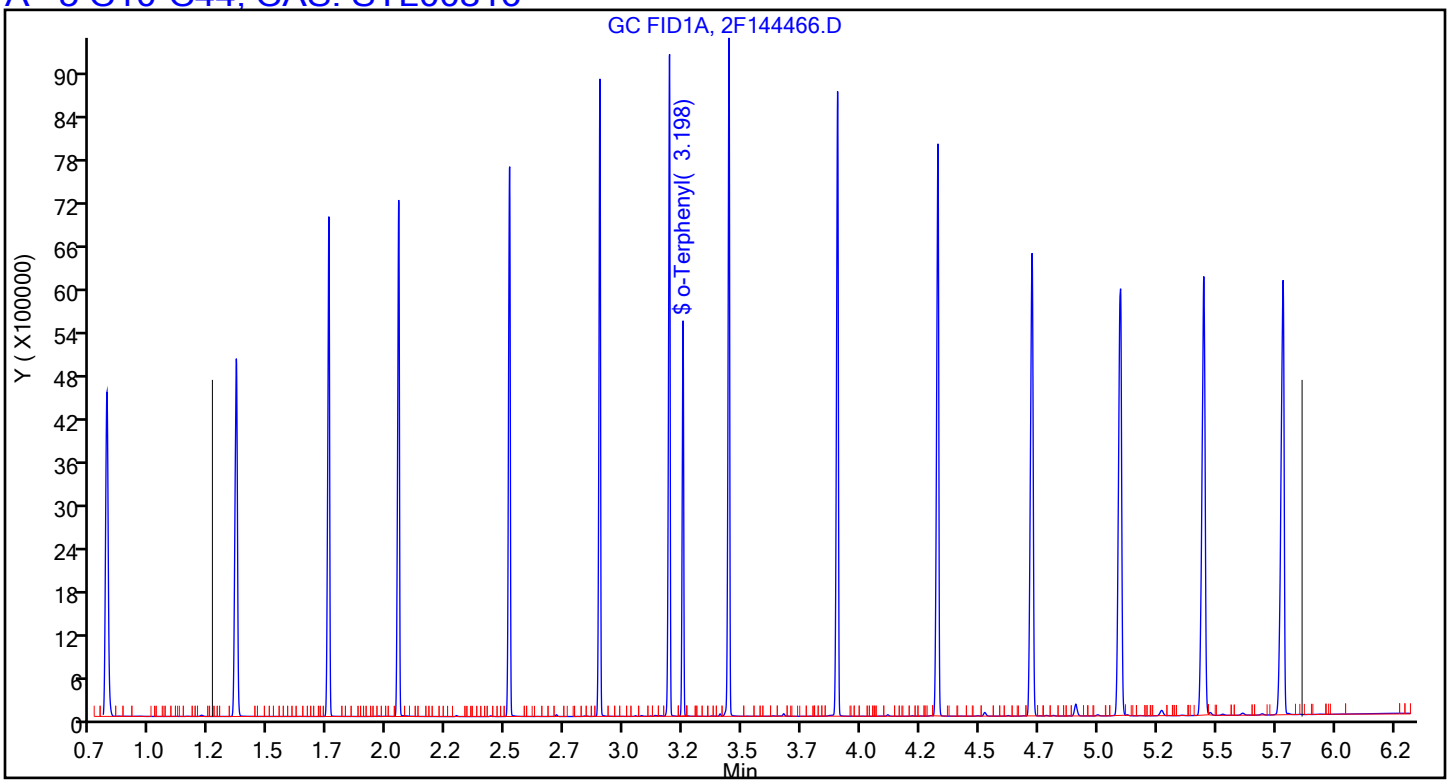


Report Date: 23-Jan-2022 10:18:30 Chrom Revision: 2.3 03-Jan-2022 17:03:12

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144466.D				
Injection Date:	23-Jan-2022 09:21:02	Instrument ID:	CBNAGC2		
Lims ID:	STD5				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO2F	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816



Report Date: 23-Jan-2022 10:18:30 Chrom Revision: 2.3 03-Jan-2022 17:03:12

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144466.D

Injection Date: 23-Jan-2022 09:21:02 Instrument ID: CBNAGC2

Lims ID: STD5

Client ID:

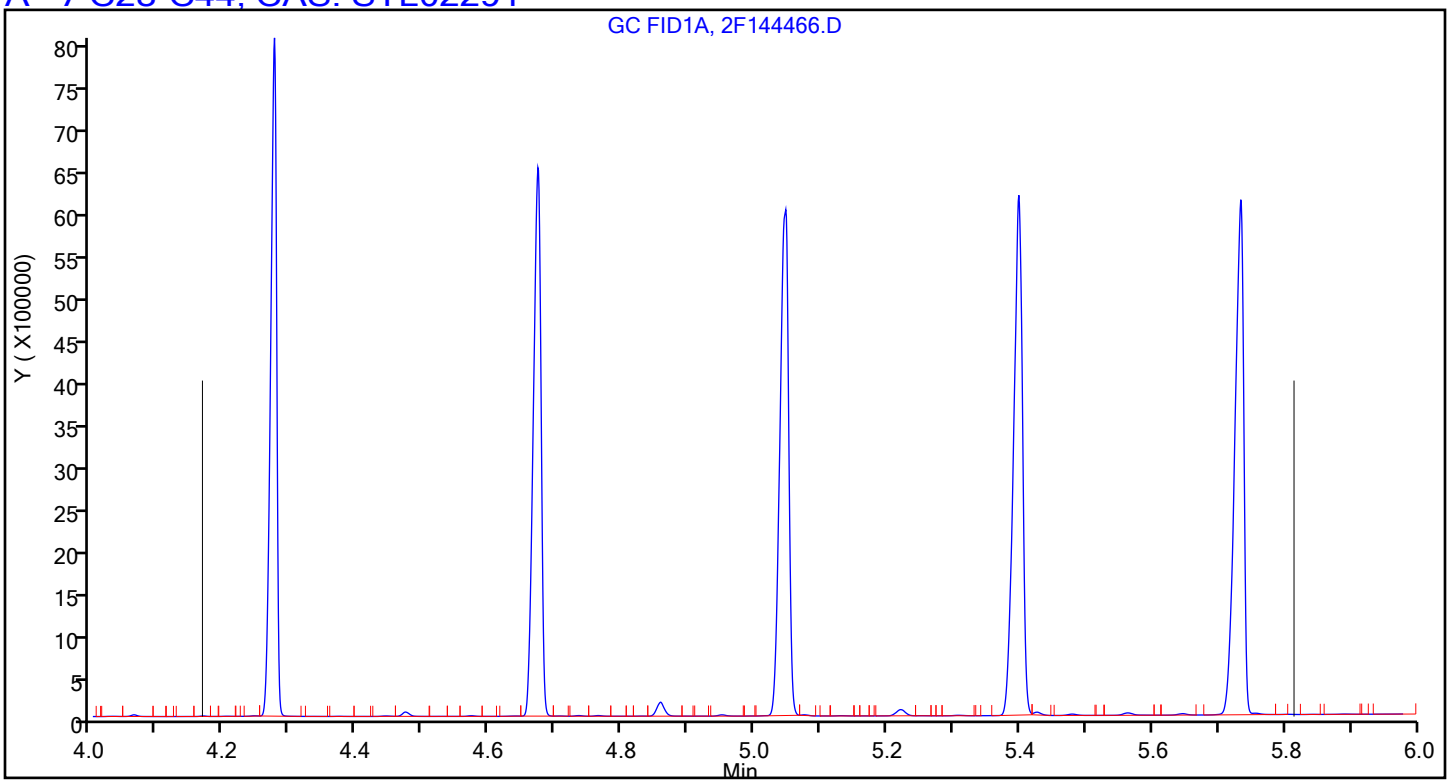
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 7 C28-C44, CAS: STL02291



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144467.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 23-Jan-2022 09:33:39 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0140536-005
Operator ID: Instrument ID: CBNAGC2
Sublist: chrom-DRO2F*sub6

Method: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\DRO2F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 23-Jan-2022 10:18:31 Calib Date: 23-Jan-2022 09:46:18
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1657

First Level Reviewer: hamzik Date: 23-Jan-2022 09:54:22

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.309	1.309	0.000	329547	40.0	38.0	
A	3 C10-C28						
	2.788	(1.209-4.367)		3419686	360.0	340.3	
$	4 o-Terphenyl						
	3.196	3.196	0.000	216846	20.0	19.0	
A	5 C10-C44						
	3.512	(1.209-5.814)		5381530	520.0	489.2	
	6 n-Octacosane						
	4.262	4.267	-0.005	438782	40.0	37.4	
A	7 C28-C44						
	4.991	(4.167-5.814)		2402273	200.0	186.7	
	8 Tetratetracontane						
	5.706	5.714	-0.008	488673	40.0	38.0	

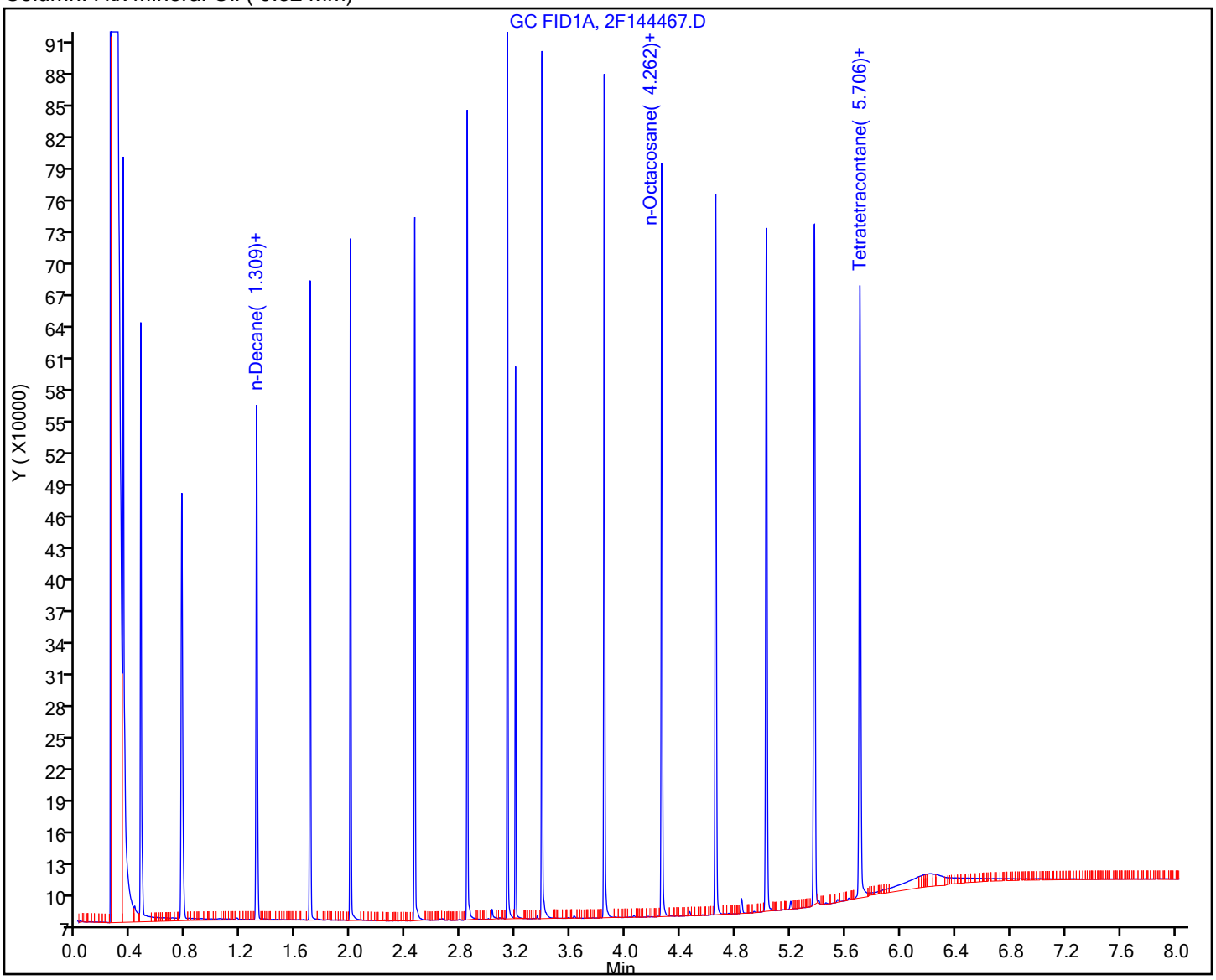
QC Flag Legend
Processing Flags

Reagents:
SGOROL2_00003 Amount Added: 1.00 Units: mL

Report Date: 23-Jan-2022 10:18:31 Chrom Revision: 2.3 03-Jan-2022 17:03:12

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144467.D
Injection Date: 23-Jan-2022 09:33:39 Instrument ID: CBNAGC2
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO2F Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm)

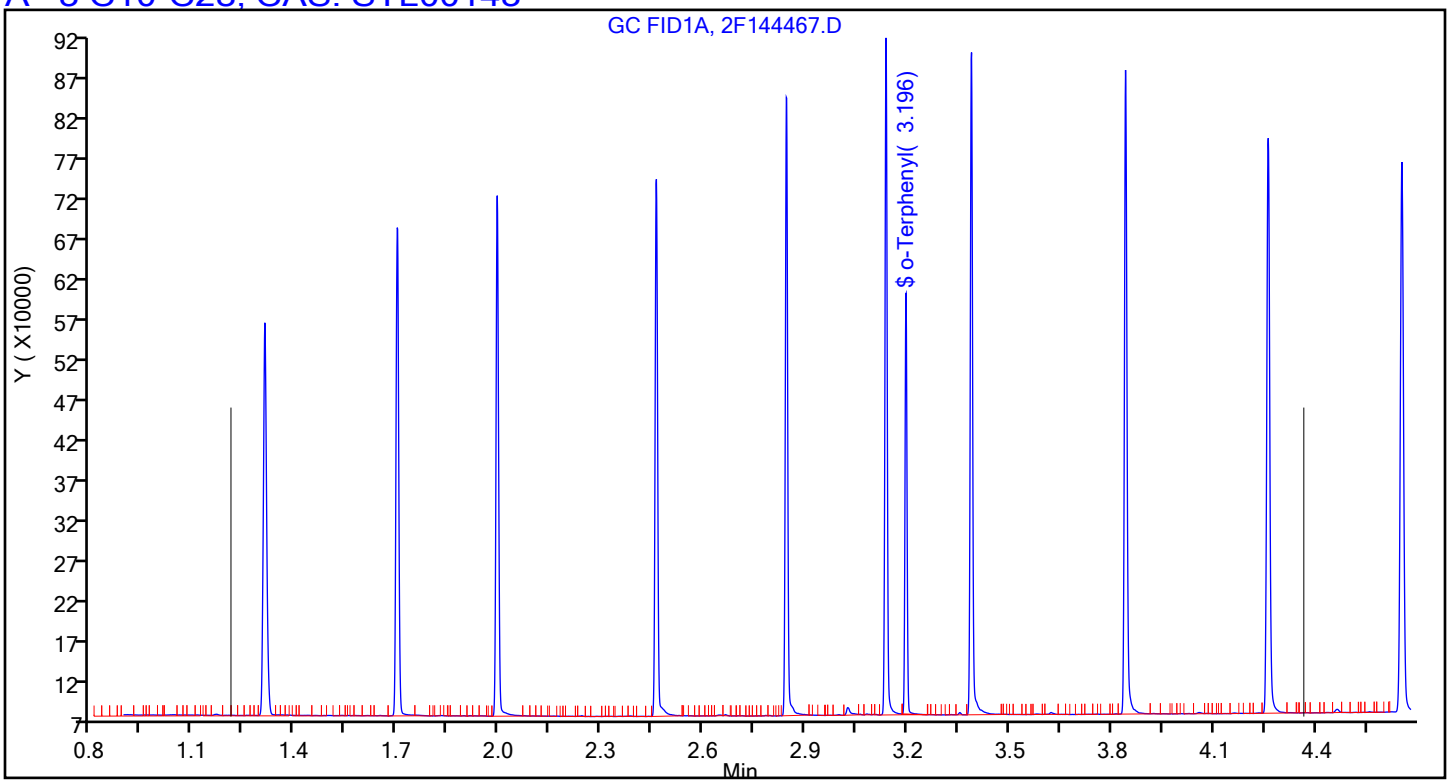


Report Date: 23-Jan-2022 10:18:31 Chrom Revision: 2.3 03-Jan-2022 17:03:12

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144467.D				
Injection Date:	23-Jan-2022 09:33:39	Instrument ID:	CBNAGC2		
Lims ID:	STD2				
Client ID:					
Operator ID:		ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO2F	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 3 C10-C28, CAS: STL00143

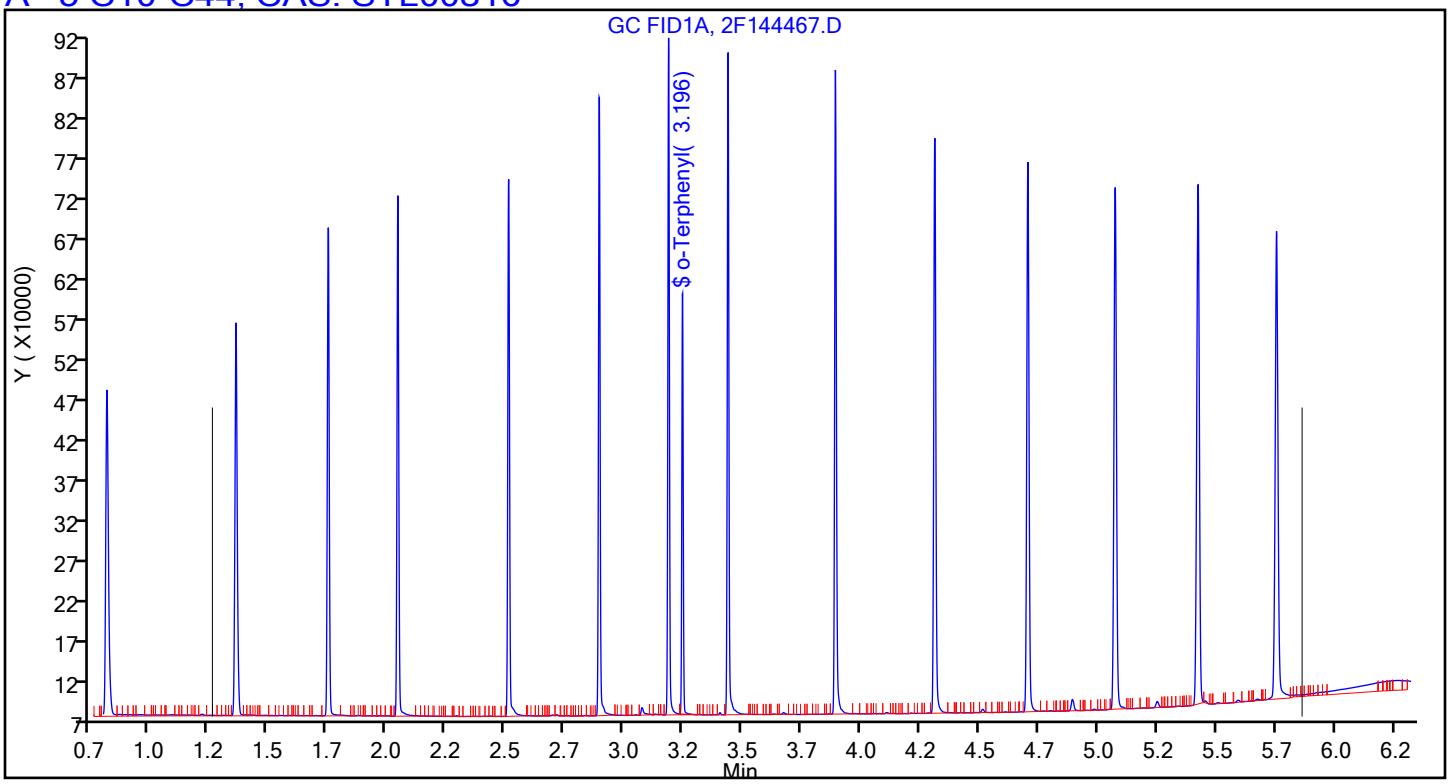


Report Date: 23-Jan-2022 10:18:31 Chrom Revision: 2.3 03-Jan-2022 17:03:12

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144467.D
Injection Date: 23-Jan-2022 09:33:39 Instrument ID: CBNAGC2
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO2F Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 5 C10-C44, CAS: STL00816

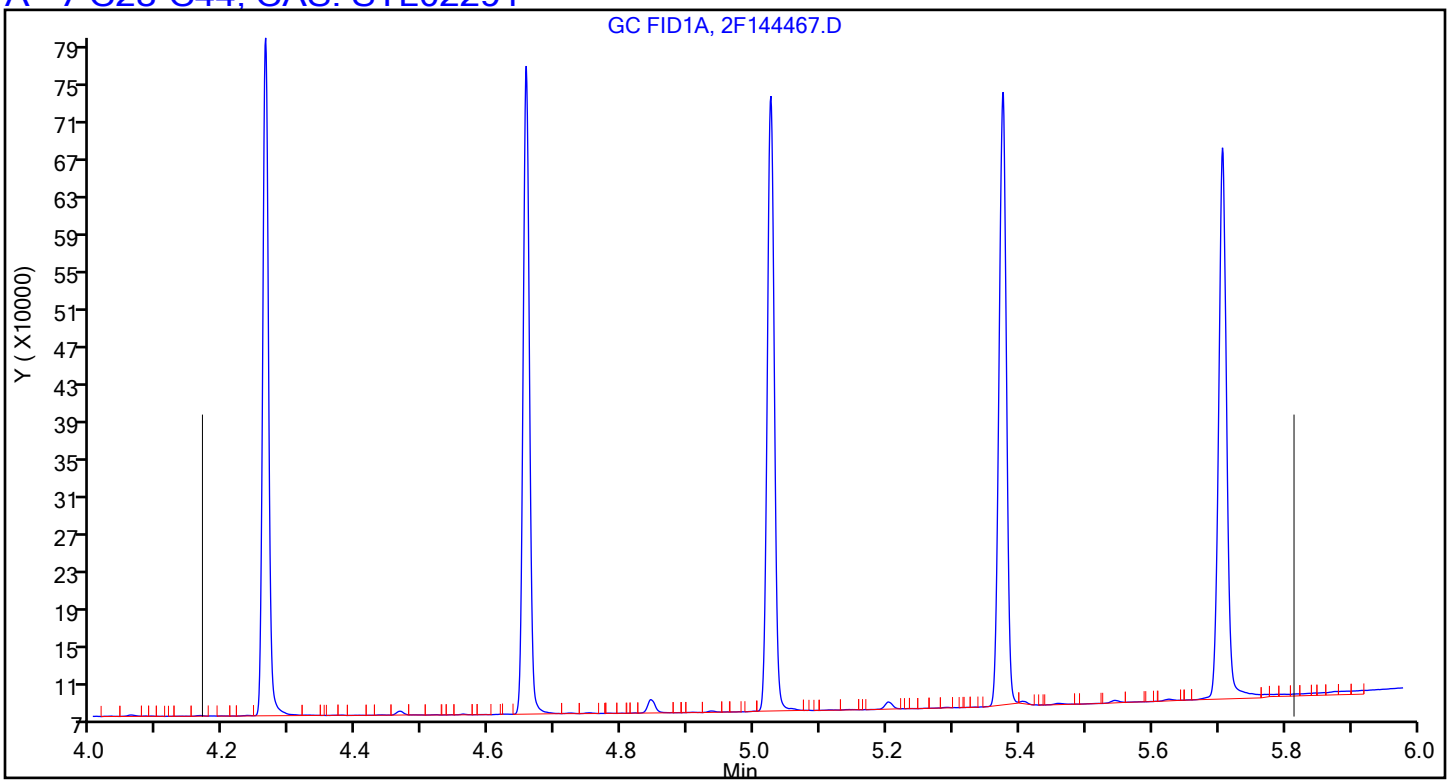


Report Date: 23-Jan-2022 10:18:32 Chrom Revision: 2.3 03-Jan-2022 17:03:12

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144467.D				
Injection Date:	23-Jan-2022 09:33:39	Instrument ID:	CBNAGC2		
Lims ID:	STD2				
Client ID:					
Operator ID:		ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO2F	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 7 C28-C44, CAS: STL02291



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 23-Jan-2022 09:46:18 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0140536-006
Operator ID: Instrument ID: CBNAGC2
Sublist: chrom-DRO2F*sub6

Method: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\DRO2F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 23-Jan-2022 10:18:32 Calib Date: 23-Jan-2022 09:46:18
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1657

First Level Reviewer: hamzik Date: 23-Jan-2022 10:18:15

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.312	1.309	0.003	70352	8.00	8.10	
A	3 C10-C28						
	2.788	(1.209-4.367)		748082	72.0	74.4	
$	4 o-Terphenyl						
	3.197	3.196	0.001	46570	4.00	4.08	
A	5 C10-C44						
	3.512	(1.209-5.814)		1165625	104.0	106.0	
	6 n-Octacosane						
	4.267	4.267	0.000	95777	8.00	8.17	
A	7 C28-C44						
	4.991	(4.167-5.814)		514011	40.0	40.0	
	8 Tetratetracontane						
	5.714	5.714	0.000	88785	8.00	6.90	

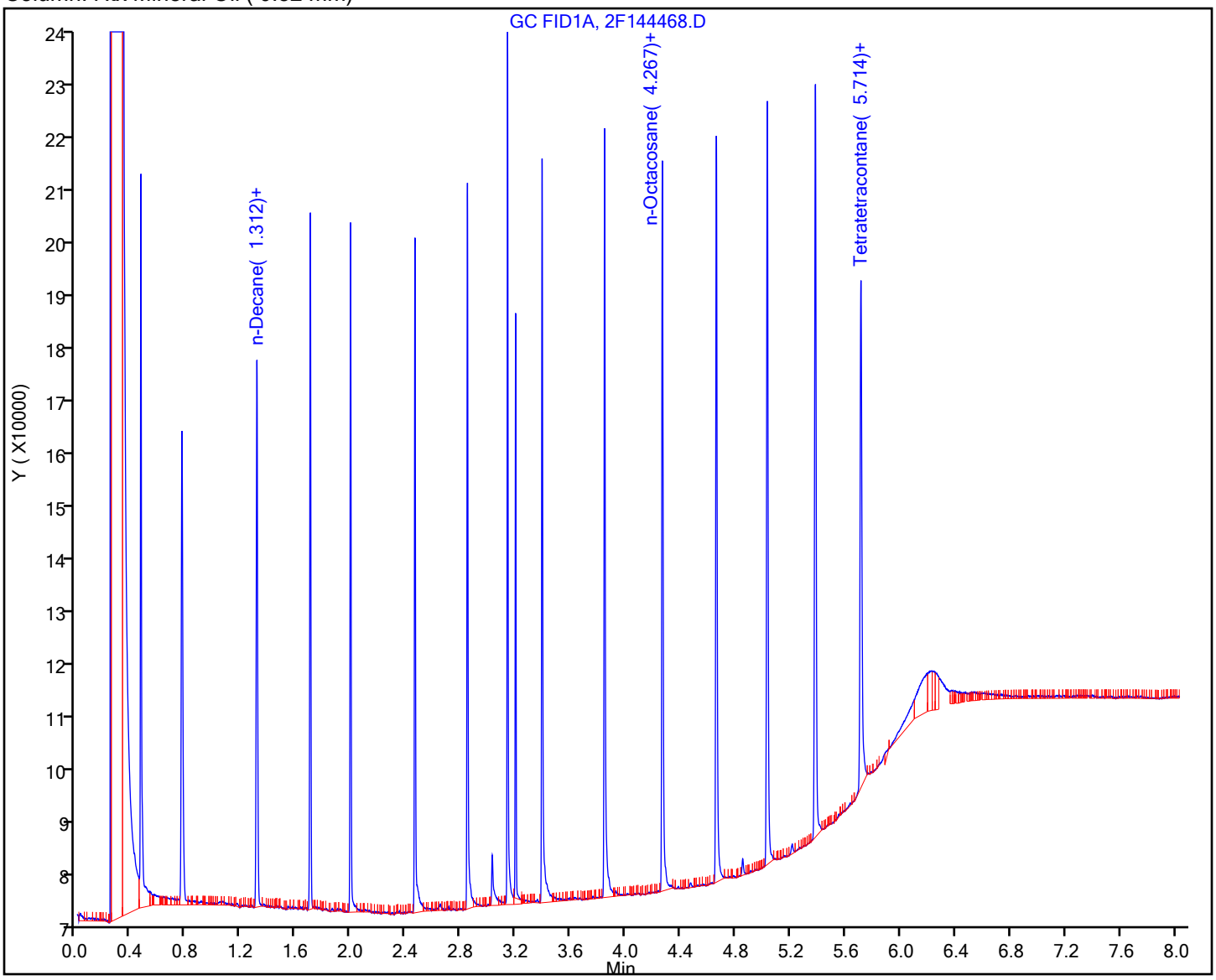
QC Flag Legend
Processing Flags

Reagents:
SGOROL1_00003 Amount Added: 1.00 Units: mL

Report Date: 23-Jan-2022 10:18:33 Chrom Revision: 2.3 03-Jan-2022 17:03:12

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D
Injection Date: 23-Jan-2022 09:46:18 Instrument ID: CBNAGC2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO2F Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm)



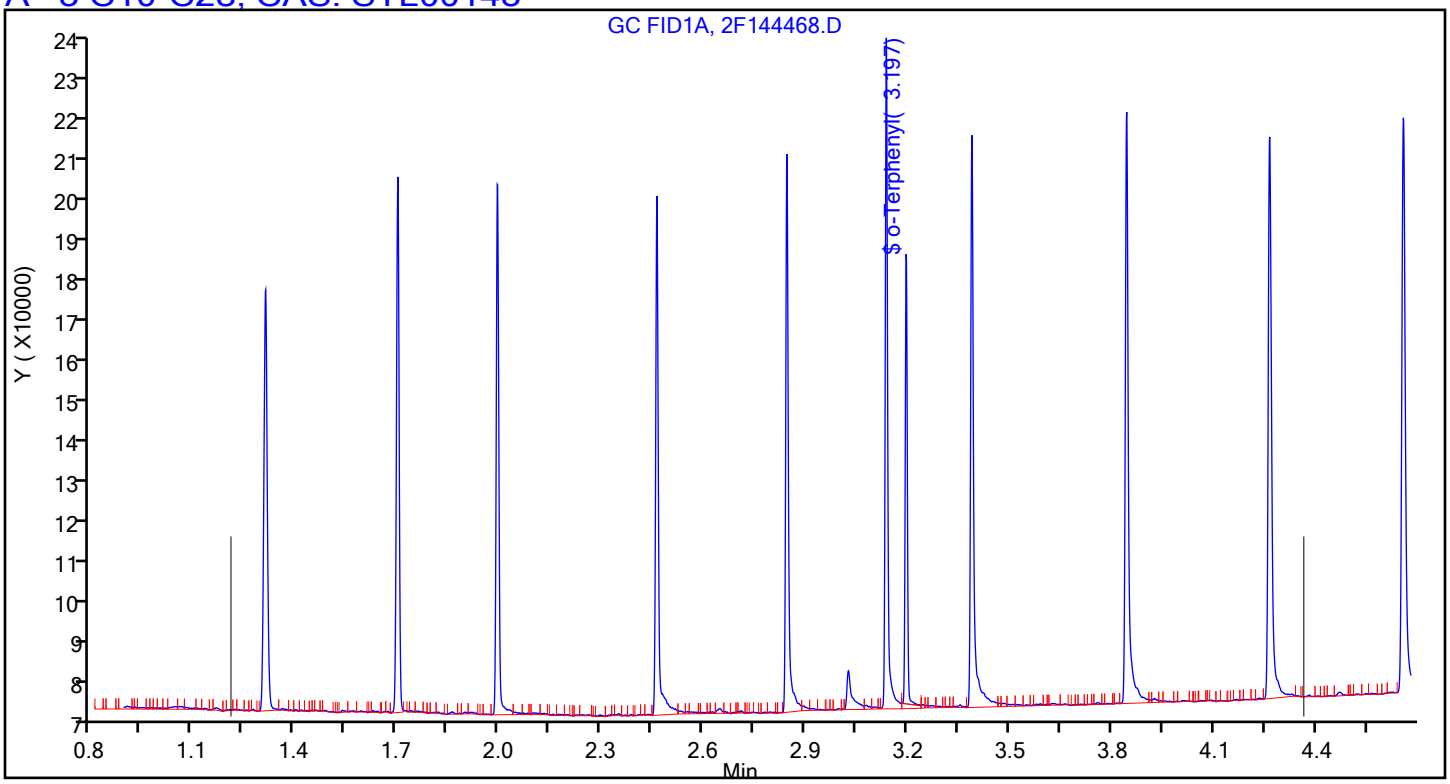
Report Date: 23-Jan-2022 10:18:33 Chrom Revision: 2.3 03-Jan-2022 17:03:12

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Injection Date:	23-Jan-2022 09:46:18	Instrument ID:	CBNAGC2		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO2F	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 3 C10-C28, CAS: STL00143



Report Date: 23-Jan-2022 10:18:33 Chrom Revision: 2.3 03-Jan-2022 17:03:12

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Injection Date: 23-Jan-2022 09:46:18 Instrument ID: CBNAGC2

Lims ID: STD1

Client ID:

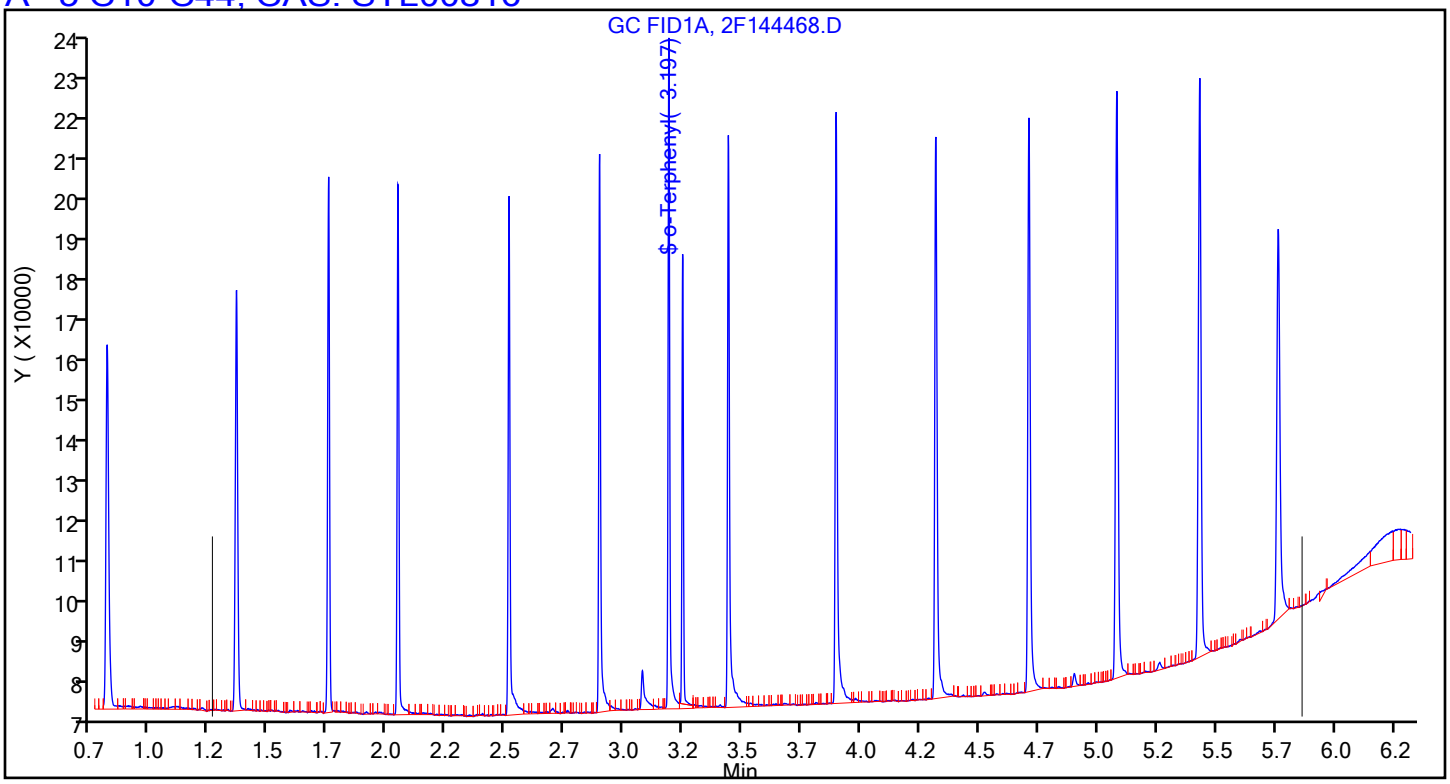
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 5 C10-C44, CAS: STL00816



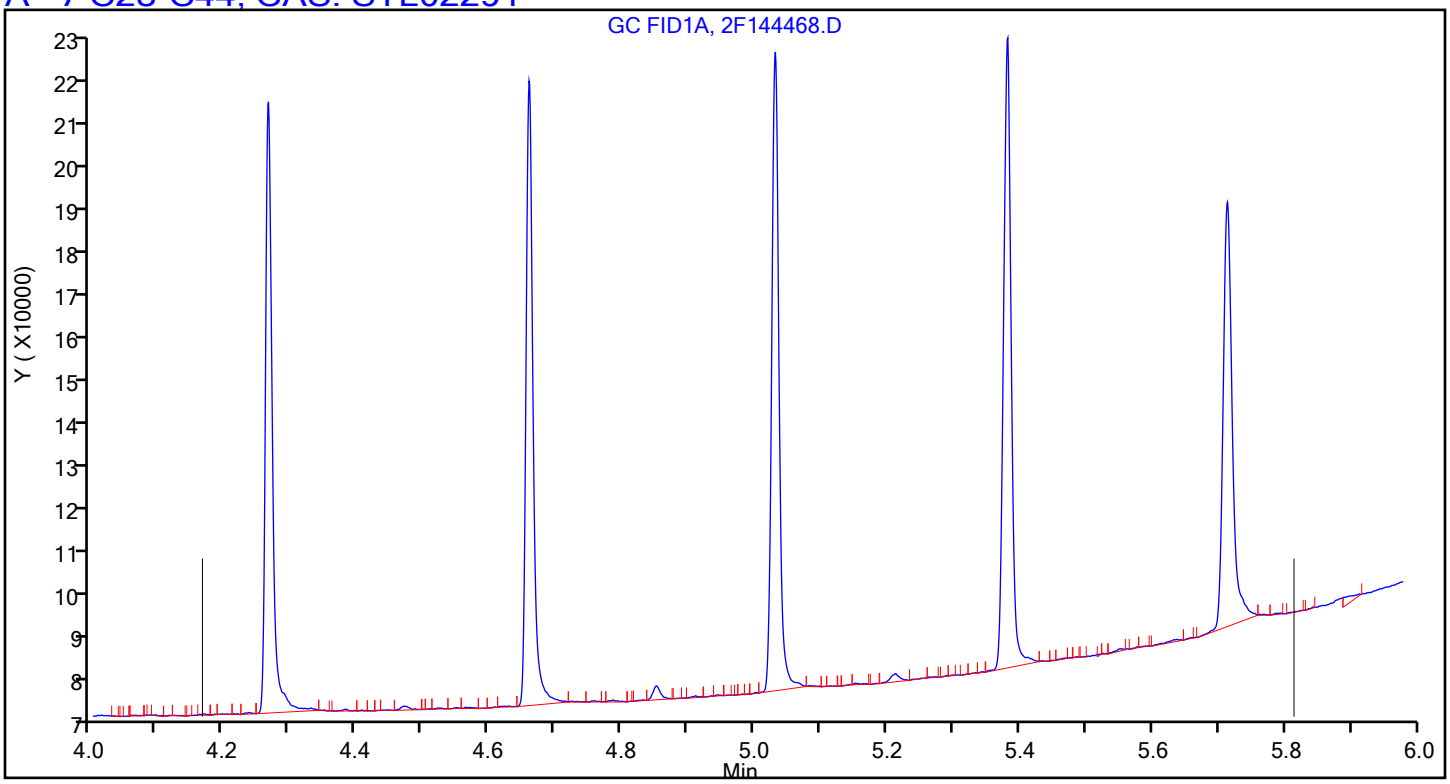
Report Date: 23-Jan-2022 10:18:33 Chrom Revision: 2.3 03-Jan-2022 17:03:12

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Injection Date:	23-Jan-2022 09:46:18	Instrument ID:	CBNAGC2		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO2F	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 7 C28-C44, CAS: STL02291



Calibration / n-Decane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

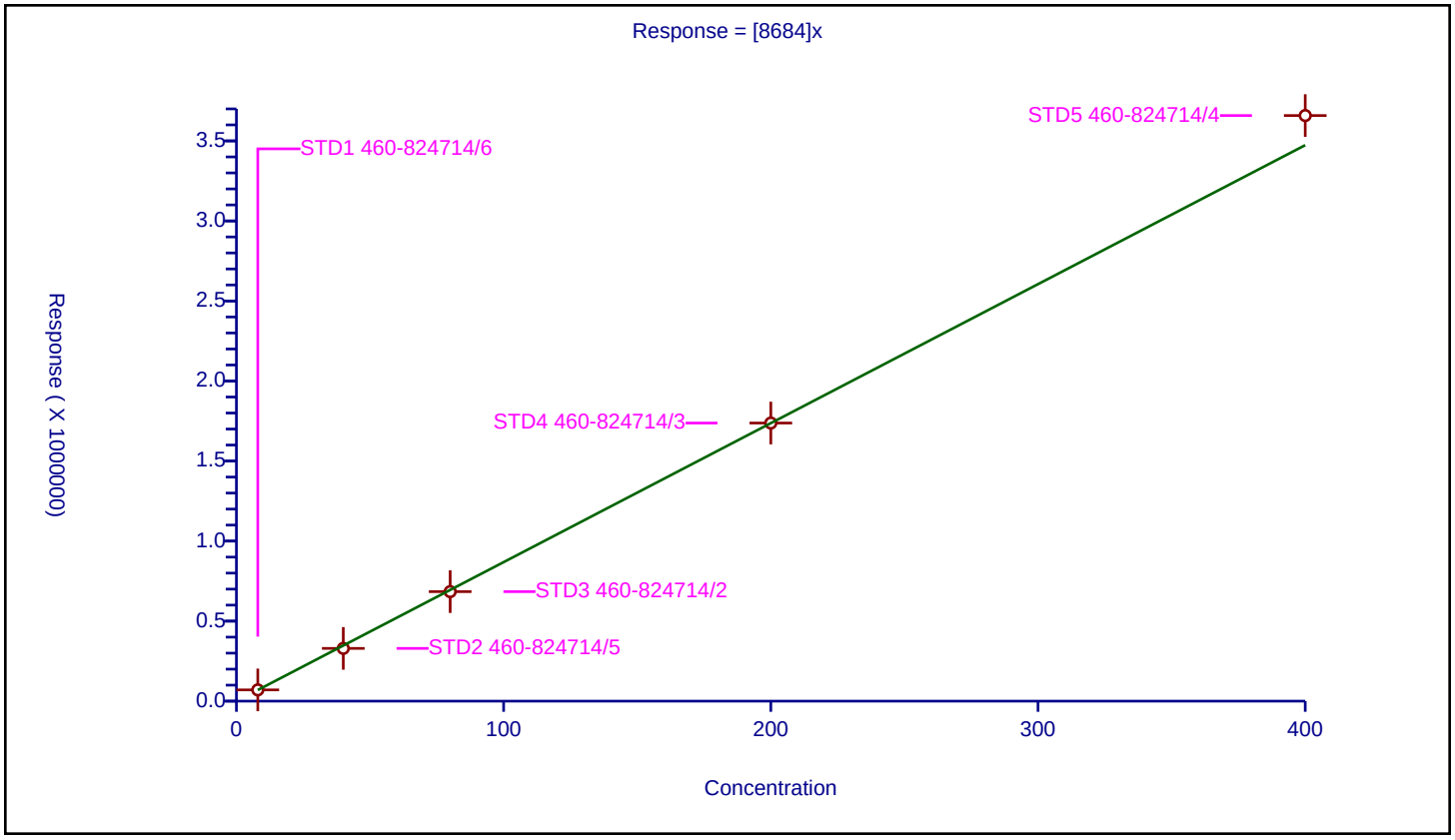
Curve Coefficients

Intercept:	0
Slope:	8684

Error Coefficients

Standard Error:	93100
Relative Standard Error:	3.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	STD1 460-824714/6	8.0	70352.0			8794.0	Y
2	STD2 460-824714/5	40.0	329547.0			8238.675	Y
3	STD3 460-824714/2	80.0	684157.0			8551.9625	Y
4	STD4 460-824714/3	200.0	1737465.0			8687.325	Y
5	STD5 460-824714/4	400.0	3658463.0			9146.1575	Y



Calibration / C10-C28

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

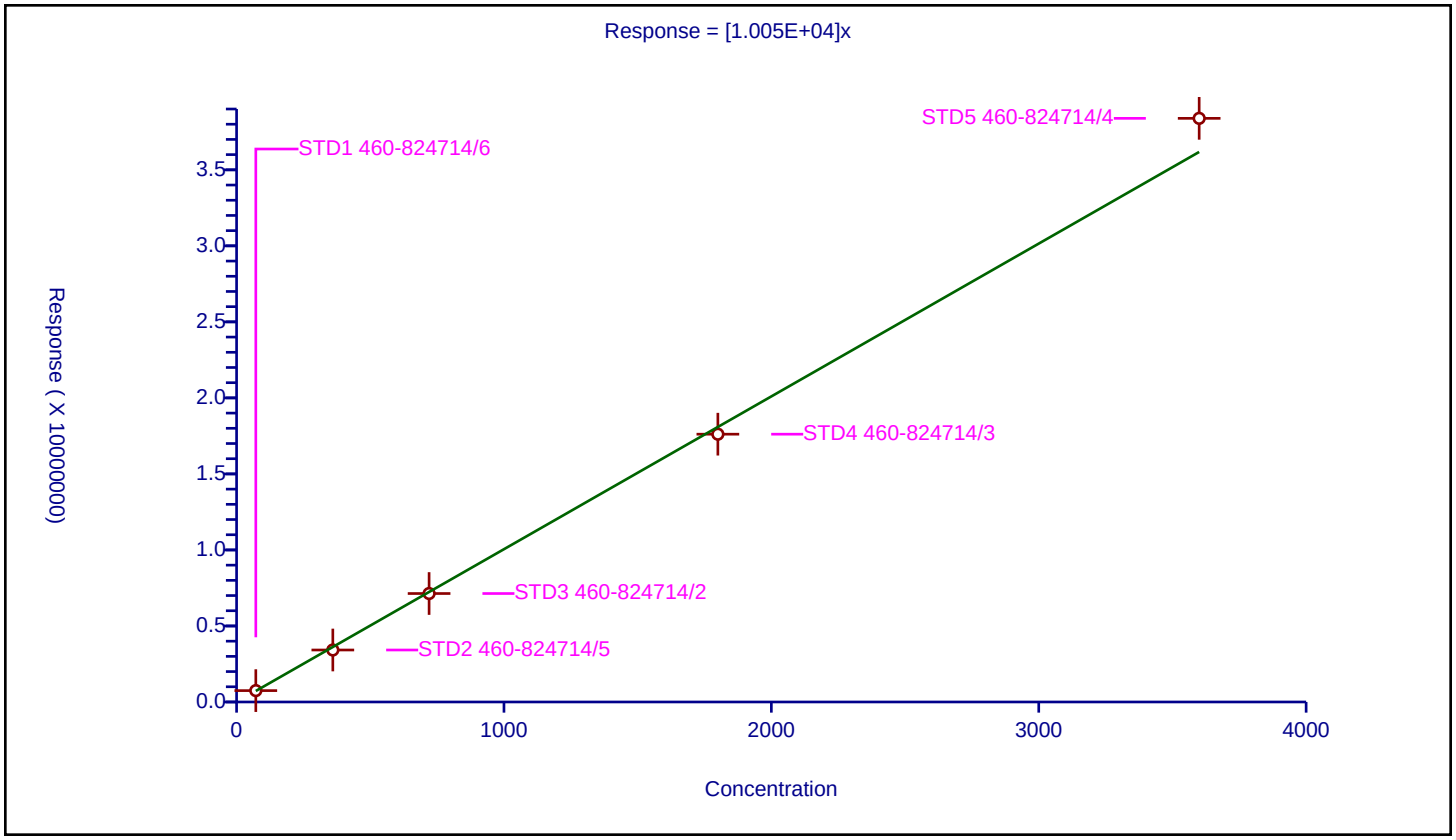
Curve Coefficients

Intercept:	0
Slope:	1.005E+04

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	4.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	STD1 460-824714/6	72.0	748082.0			10390.027778	Y
2	STD2 460-824714/5	360.0	3419686.0			9499.127778	Y
3	STD3 460-824714/2	720.0	7133478.0			9907.608333	Y
4	STD4 460-824714/3	1800.0	17612444.0			9784.691111	Y
5	STD5 460-824714/4	3600.0	38386647.0			10662.9575	Y



Calibration / o-Terphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

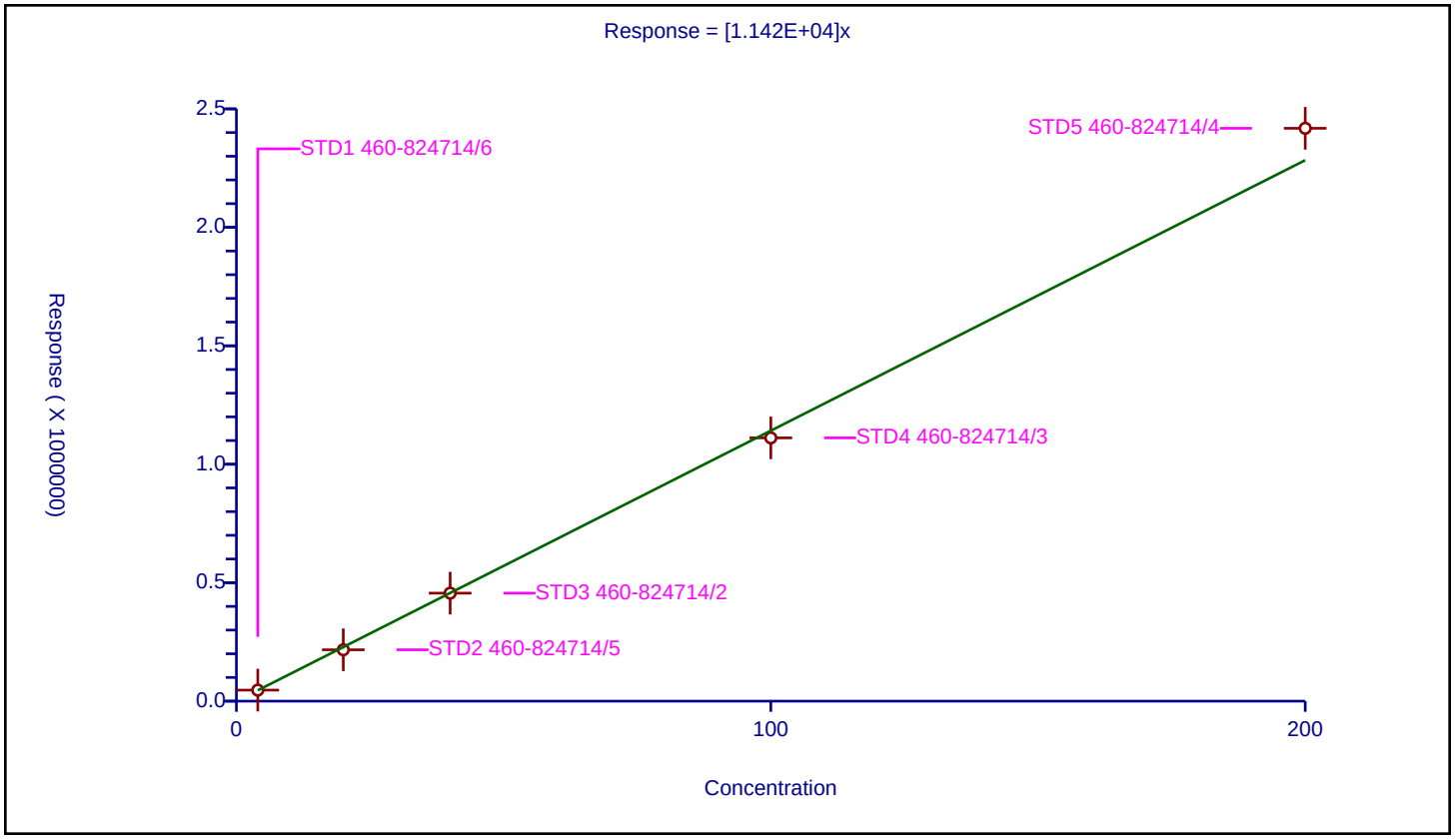
Curve Coefficients

Intercept:	0
Slope:	1.142E+04

Error Coefficients

Standard Error:	69300
Relative Standard Error:	4.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	STD1 460-824714/6	4.0	46570.0			11642.5	Y
2	STD2 460-824714/5	20.0	216846.0			10842.3	Y
3	STD3 460-824714/2	40.0	455881.0			11397.025	Y
4	STD4 460-824714/3	100.0	1111272.0			11112.72	Y
5	STD5 460-824714/4	200.0	2418088.0			12090.44	Y



Calibration / C10-C44

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

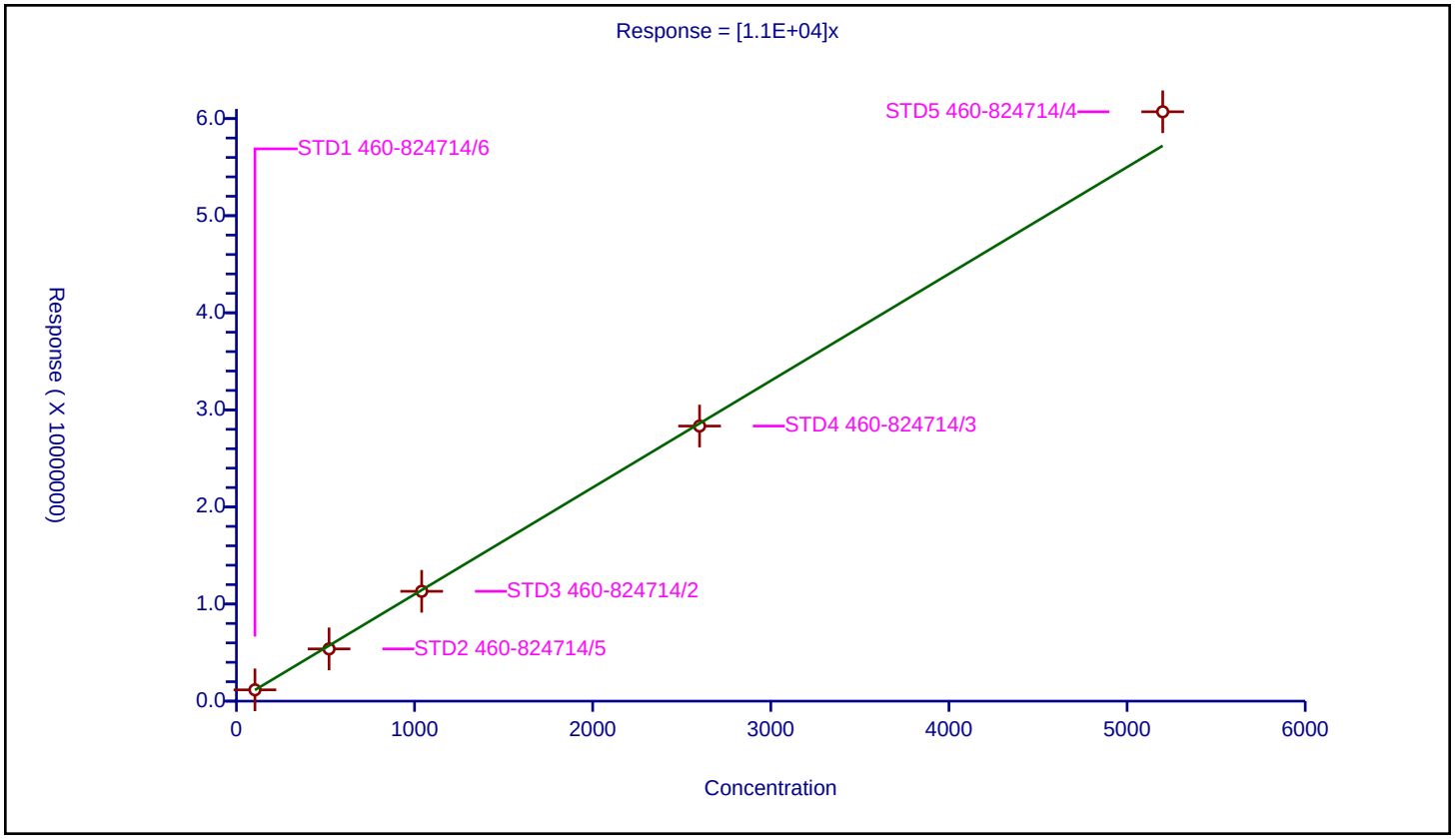
Curve Coefficients

Intercept:	0
Slope:	1.1E+04

Error Coefficients

Standard Error:	1760000
Relative Standard Error:	4.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	STD1 460-824714/6	104.0	1165625.0			11207.932692	Y
2	STD2 460-824714/5	520.0	5381530.0			10349.096154	Y
3	STD3 460-824714/2	1040.0	11310933.0			10875.897115	Y
4	STD4 460-824714/3	2600.0	28332613.0			10897.158846	Y
5	STD5 460-824714/4	5200.0	60704745.0			11673.989423	Y



Calibration / n-Octacosane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

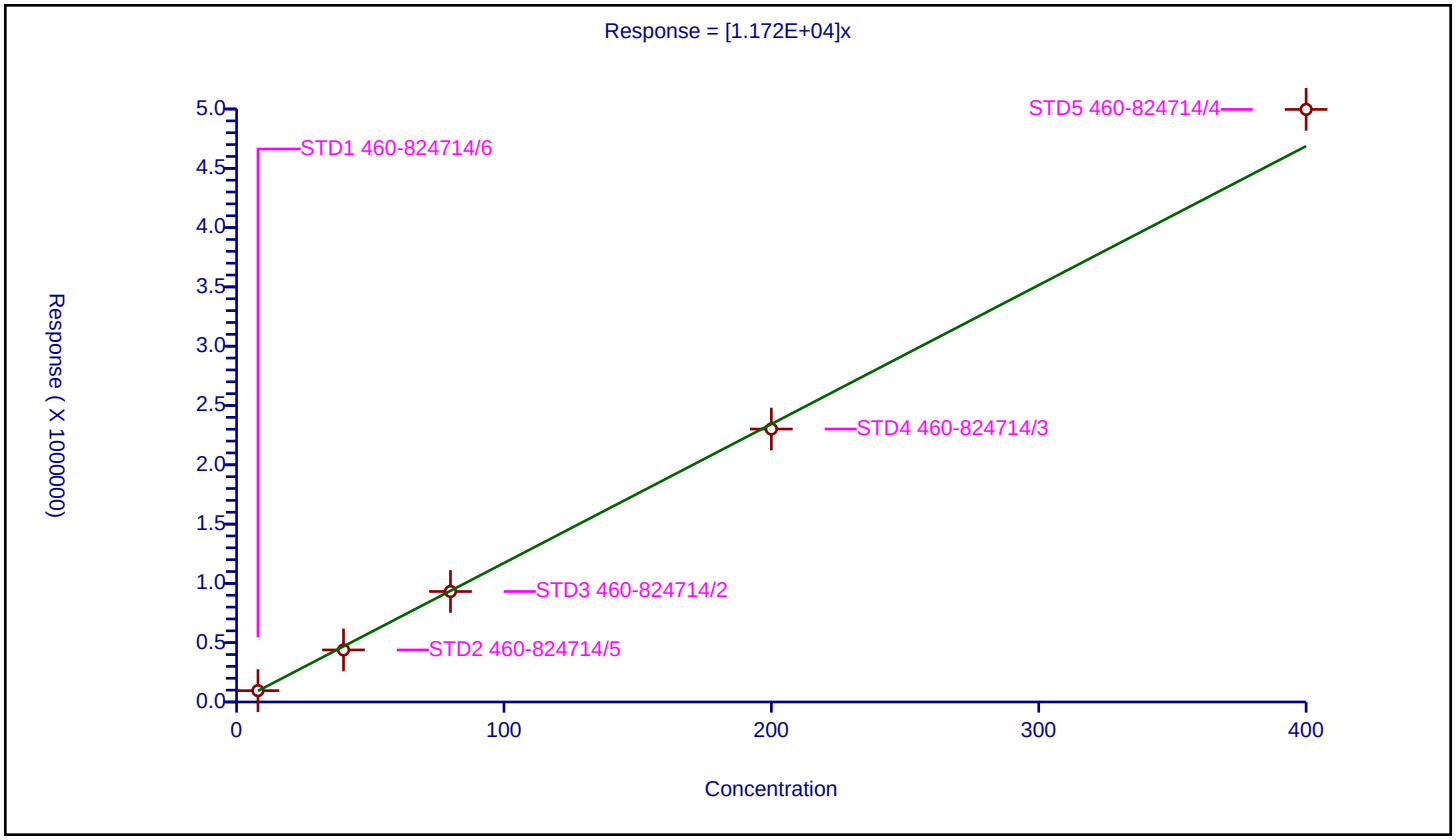
Curve Coefficients

Intercept:	0
Slope:	1.172E+04

Error Coefficients

Standard Error:	157000
Relative Standard Error:	4.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	STD1 460-824714/6	8.0	95777.0			11972.125	Y
2	STD2 460-824714/5	40.0	438782.0			10969.55	Y
3	STD3 460-824714/2	80.0	931656.0			11645.7	Y
4	STD4 460-824714/3	200.0	2301442.0			11507.21	Y
5	STD5 460-824714/4	400.0	4996559.0			12491.3975	Y



Calibration / C28-C44

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

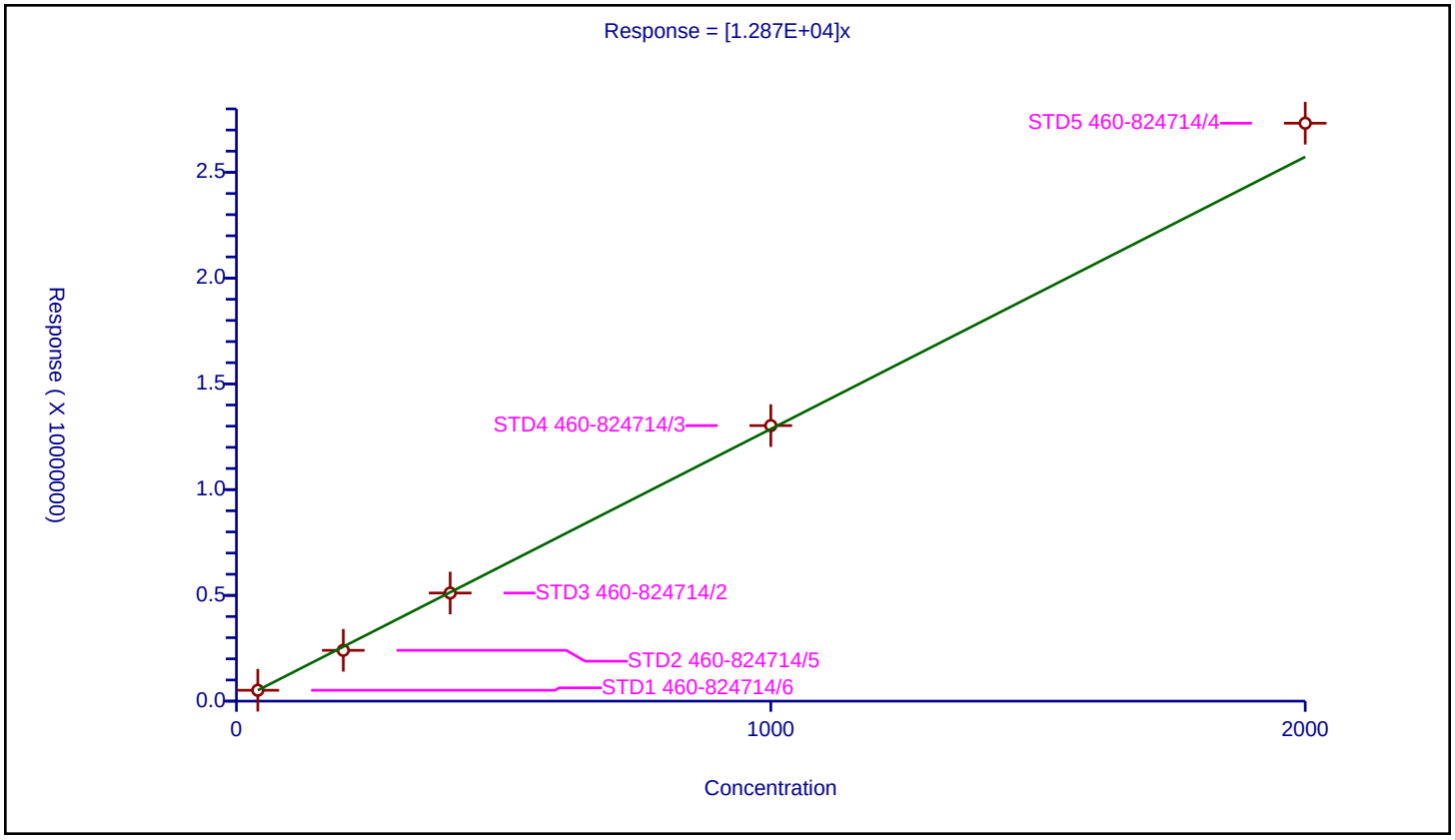
Curve Coefficients

Intercept:	0
Slope:	1.287E+04

Error Coefficients

Standard Error:	804000
Relative Standard Error:	4.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	STD1 460-824714/6	40.0	514011.0			12850.275	Y
2	STD2 460-824714/5	200.0	2402273.0			12011.365	Y
3	STD3 460-824714/2	400.0	5112170.0			12780.425	Y
4	STD4 460-824714/3	1000.0	13027276.0			13027.276	Y
5	STD5 460-824714/4	2000.0	27322327.0			13661.1635	Y



FORM VI
DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 830090

SDG No.:

Instrument ID: CBNAGC3 GC Column: Rtx-Mineral ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/24/2022 10:54 Calibration End Date: 02/24/2022 11:55 Calibration ID: 89310

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-830090/2	3R002421.D
Level 2	STD2 460-830090/3	3R002422.D
Level 3	STD3 460-830090/4	3R002423.D
Level 4	STD4 460-830090/5	3R002424.D
Level 5	STD5 460-830090/6	3R002425.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
n-Decane	1.467	1.466	1.465	1.468	1.468						1.215 - 1.715	1.467
Diesel Range Organics [C10-C28]	3.136	3.136	3.136	3.136	3.136						1.365 - 4.907	3.136
C10-C44	3.909	3.909	3.909	3.909	3.909						1.365 - 6.453	3.909
n-Octacosane	4.806	4.807	4.807	4.812	4.815						4.557 - 5.057	4.809
C28-C44	5.655	5.655	5.655	5.655	5.655						4.707 - 6.603	5.655
o-Terphenyl	3.459	3.459	3.460	3.461	3.464						3.410 - 3.510	3.461

FORM VI
DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 830090

SDG No.:

Instrument ID: CBNAGC3 GC Column: Rtx-Mineral ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/24/2022 10:54 Calibration End Date: 02/24/2022 11:55 Calibration ID: 89310

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-830090/2	3R002421.D
Level 2	STD2 460-830090/3	3R002422.D
Level 3	STD3 460-830090/4	3R002423.D
Level 4	STD4 460-830090/5	3R002424.D
Level 5	STD5 460-830090/6	3R002425.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
n-Decane	13595 14491	13968	14077	15035	Ave		14233.2600				3.9		20.0			
Diesel Range Organics [C10-C28]	15898 17534	16128	16218	17039	Ave		16563.4195				4.2		20.0			
C10-C44	16582 19070	17525	17640	18464	Ave		17856.4266				5.3		20.0			
n-Octacosane	18042 20652	18745	18707	19389	Ave		19107.0485				5.2		20.0			
C28-C44	19308 22188	20378	20524	21286	Ave		20736.6450				5.2		20.0			
o-Terphenyl	18905 20649	19561	19639	20959	Ave		19942.4540				4.2		20.0			

Note: The M1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 830090

SDG No.:

Instrument ID: CBNAGC3 GC Column: Rtx-Mineral ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/24/2022 10:54 Calibration End Date: 02/24/2022 11:55 Calibration ID: 89310

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-830090/2	3R002421.D
Level 2	STD2 460-830090/3	3R002422.D
Level 3	STD3 460-830090/4	3R002423.D
Level 4	STD4 460-830090/5	3R002424.D
Level 5	STD5 460-830090/6	3R002425.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
n-Decane	Ave	108756	558735	1126156	3007001	5796588	8.00	40.0	80.0	200	400
Diesel Range Organics [C10-C28]	Ave	1144648	5806006	11677023	30670686	63122604	72.0	360	720	1800	3600
C10-C44	Ave	1724533	9113105	18345921	48007651	99164484	104	520	1040	2600	5200
n-Octacosane	Ave	144338	749796	1496536	3877887	8260783	8.00	40.0	80.0	200	400
C28-C44	Ave	772302	4075625	8209480	21286099	44375502	40.0	200	400	1000	2000
o-Terphenyl	Ave	75620	391212	785542	2095916	4129792	4.00	20.0	40.0	100	200

Curve Type Legend
Ave = Average

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002421.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 24-Feb-2022 10:54:43 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0141854-002
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-DRO3R*sub3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 24-Feb-2022 12:55:54 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1653

First Level Reviewer: nimerd Date: 24-Feb-2022 12:47:12

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.467	1.465	0.002	108756	8.00	7.64	
A	2 C10-C28						
	3.136	(1.365-4.907)		1144648	72.0	69.1	
$	4 o-Terphenyl						
	3.459	3.460	-0.001	75620	4.00	3.79	
A	5 C10-C44						
	3.909	(1.365-6.453)		1724533	104.0	96.6	
	6 n-Octacosane						
	4.806	4.807	-0.001	144338	8.00	7.55	
A	38 C28-C44						
	5.655	(4.707-6.603)		772302	40.0	37.2	
	8 Tetratetracontane						
	6.342	6.353	-0.011	107589	8.00	5.45	

QC Flag Legend

Processing Flags

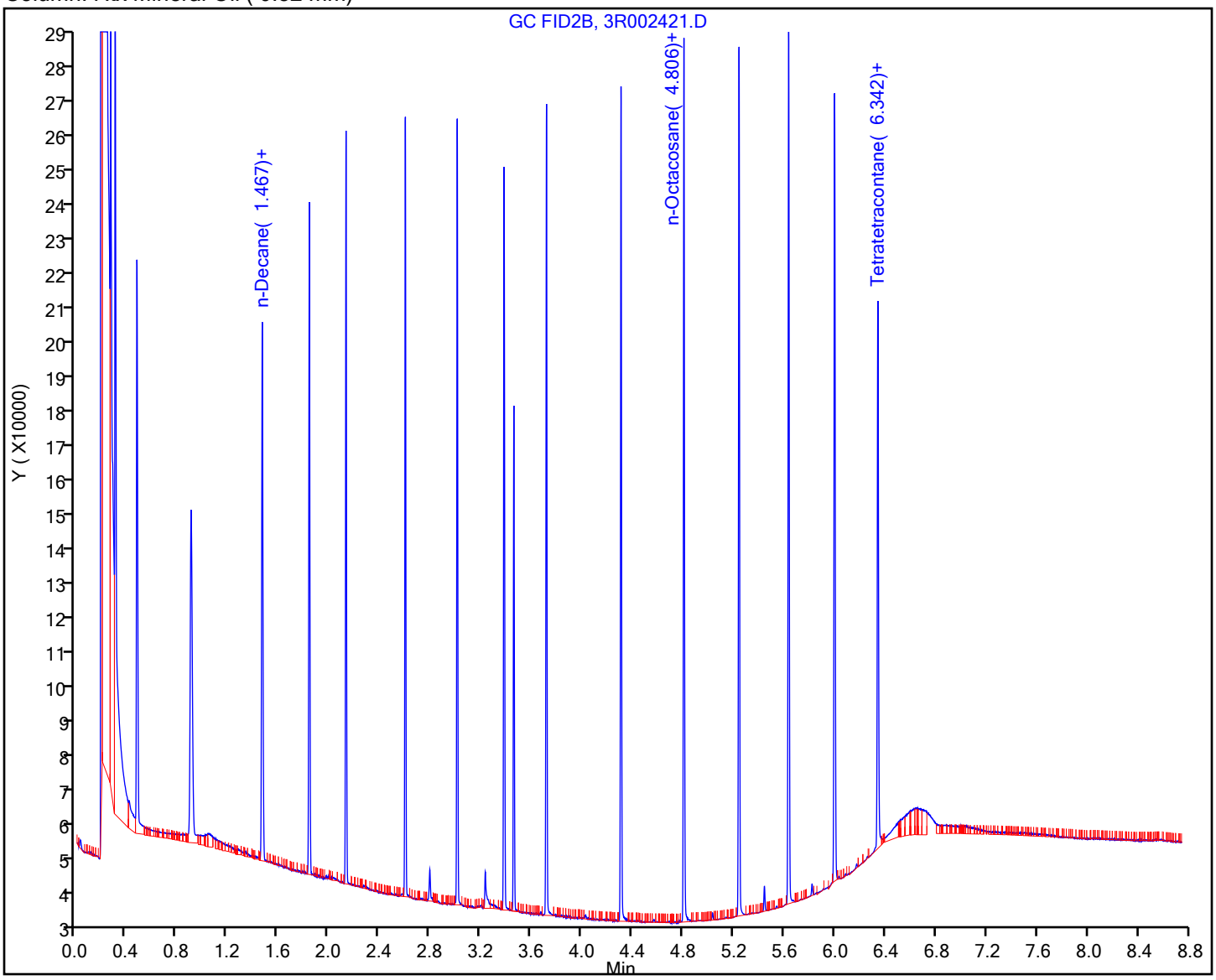
Reagents:

SGOROL1_00003 Amount Added: 1.00 Units: mL

Report Date: 24-Feb-2022 12:55:55 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002421.D
Injection Date: 24-Feb-2022 10:54:43 Instrument ID: CBNAGC3
Lims ID: STD1
Client ID:
Operator ID: 615 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO3R Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm)



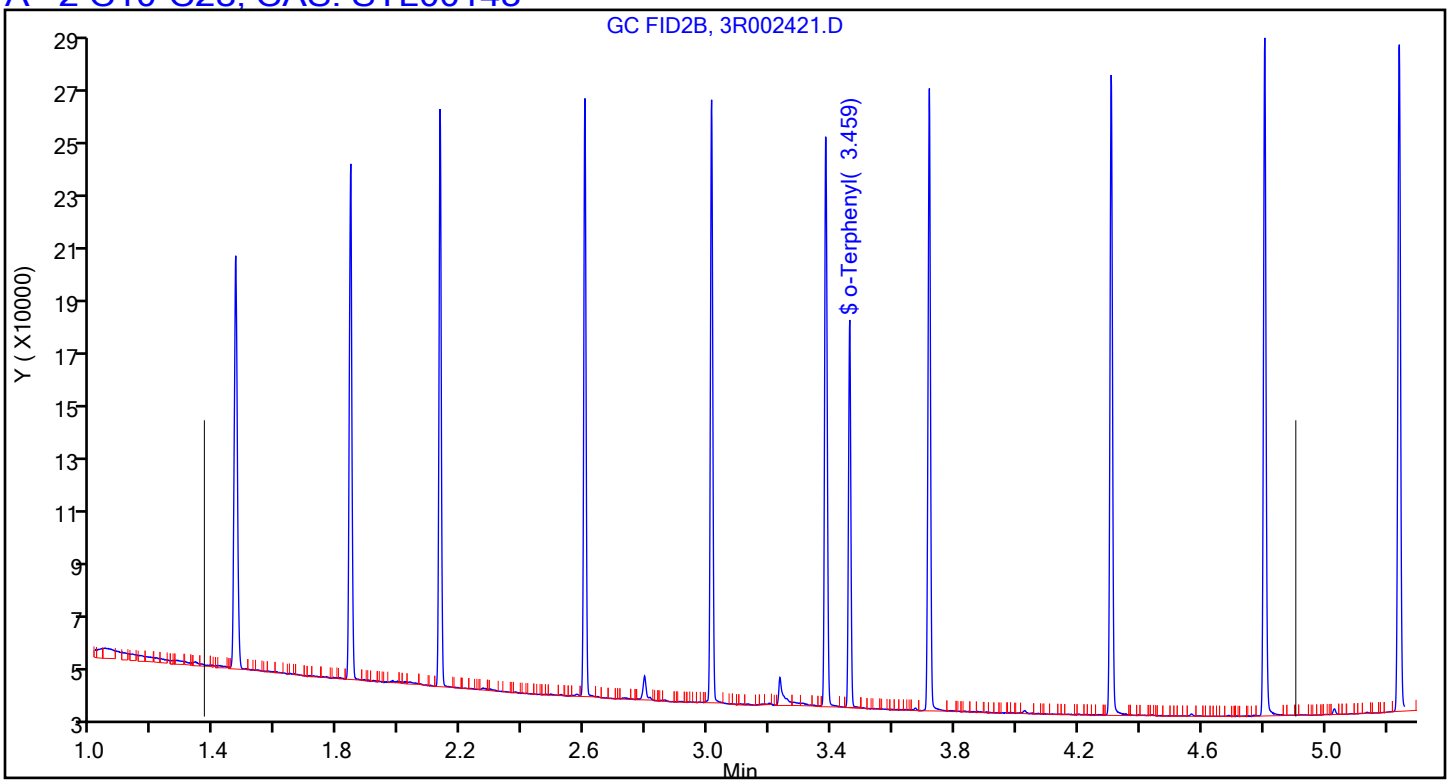
Report Date: 24-Feb-2022 12:55:55 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002421.D

Injection Date:	24-Feb-2022 10:54:43	Instrument ID:	CBNAGC3		
Lims ID:	STD1				
Client ID:					
Operator ID:	615	ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 2 C10-C28, CAS: STL00143

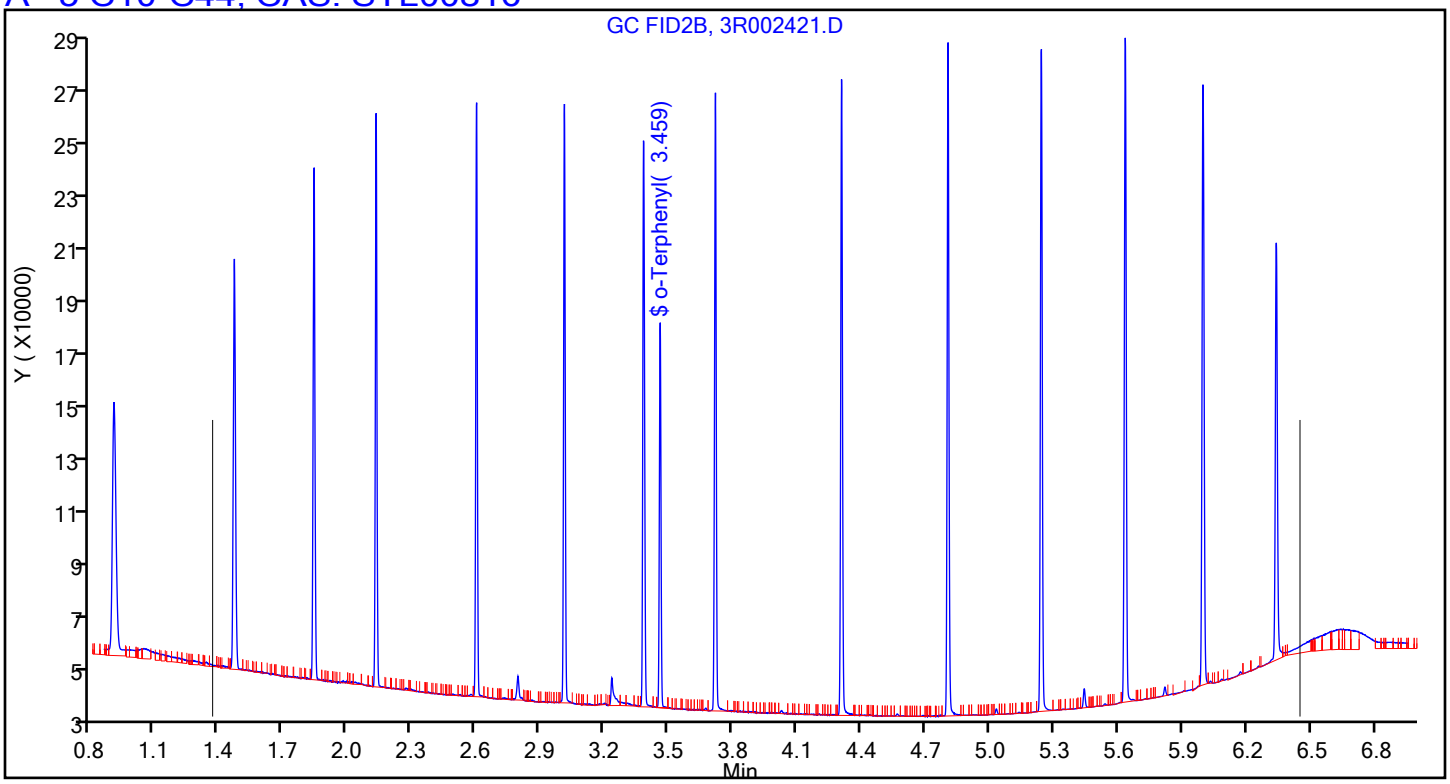


Report Date: 24-Feb-2022 12:55:55 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002421.D
Injection Date: 24-Feb-2022 10:54:43 Instrument ID: CBNAGC3
Lims ID: STD1
Client ID:
Operator ID: 615 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO3R Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 5 C10-C44, CAS: STL00816

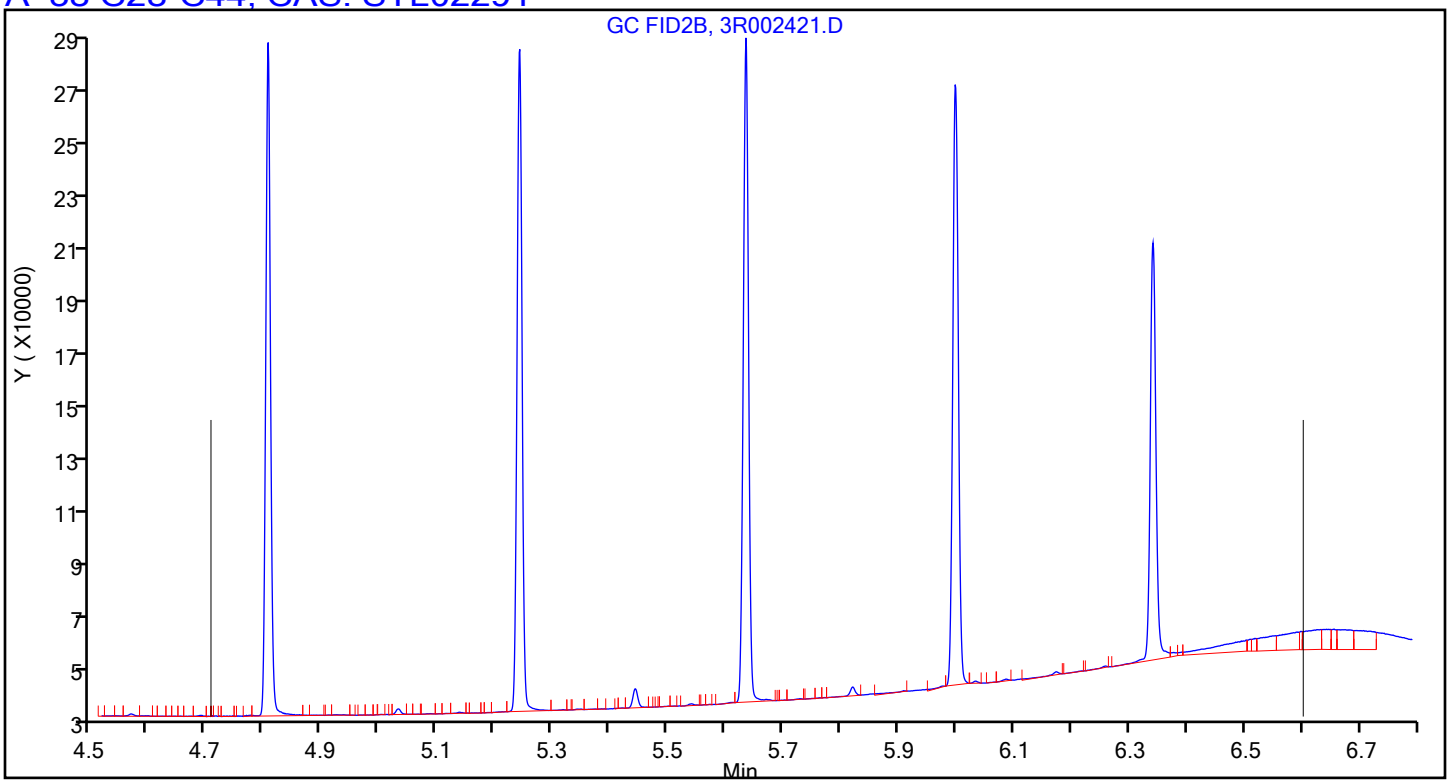


Report Date: 24-Feb-2022 12:55:55 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002421.D				
Injection Date:	24-Feb-2022 10:54:43	Instrument ID:	CBNAGC3		
Lims ID:	STD1				
Client ID:					
Operator ID:	615	ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 38 C28-C44, CAS: STL02291



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002422.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 24-Feb-2022 11:09:57 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0141854-003
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-DRO3R*sub3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 24-Feb-2022 12:55:56 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1653

First Level Reviewer: nimerd Date: 24-Feb-2022 12:47:38

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.466	1.465	0.001	558735	40.0	39.3	
A	2 C10-C28						
	3.136	(1.365-4.907)		5806006	360.0	350.5	
$	4 o-Terphenyl						
	3.459	3.460	-0.001	391212	20.0	19.6	
A	5 C10-C44						
	3.909	(1.365-6.453)		9113105	520.0	510.4	
	6 n-Octacosane						
	4.807	4.807	0.000	749796	40.0	39.2	
A	38 C28-C44						
	5.655	(4.707-6.603)		4075625	200.0	196.5	
	8 Tetratetracontane						
	6.351	6.353	-0.002	780021	40.0	39.5	

QC Flag Legend
Processing Flags

Reagents:
SGOROL2_00003 Amount Added: 1.00 Units: mL

Report Date: 24-Feb-2022 12:55:57 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002422.D

Injection Date: 24-Feb-2022 11:09:57 Instrument ID: CBNAGC3

Lims ID: STD2

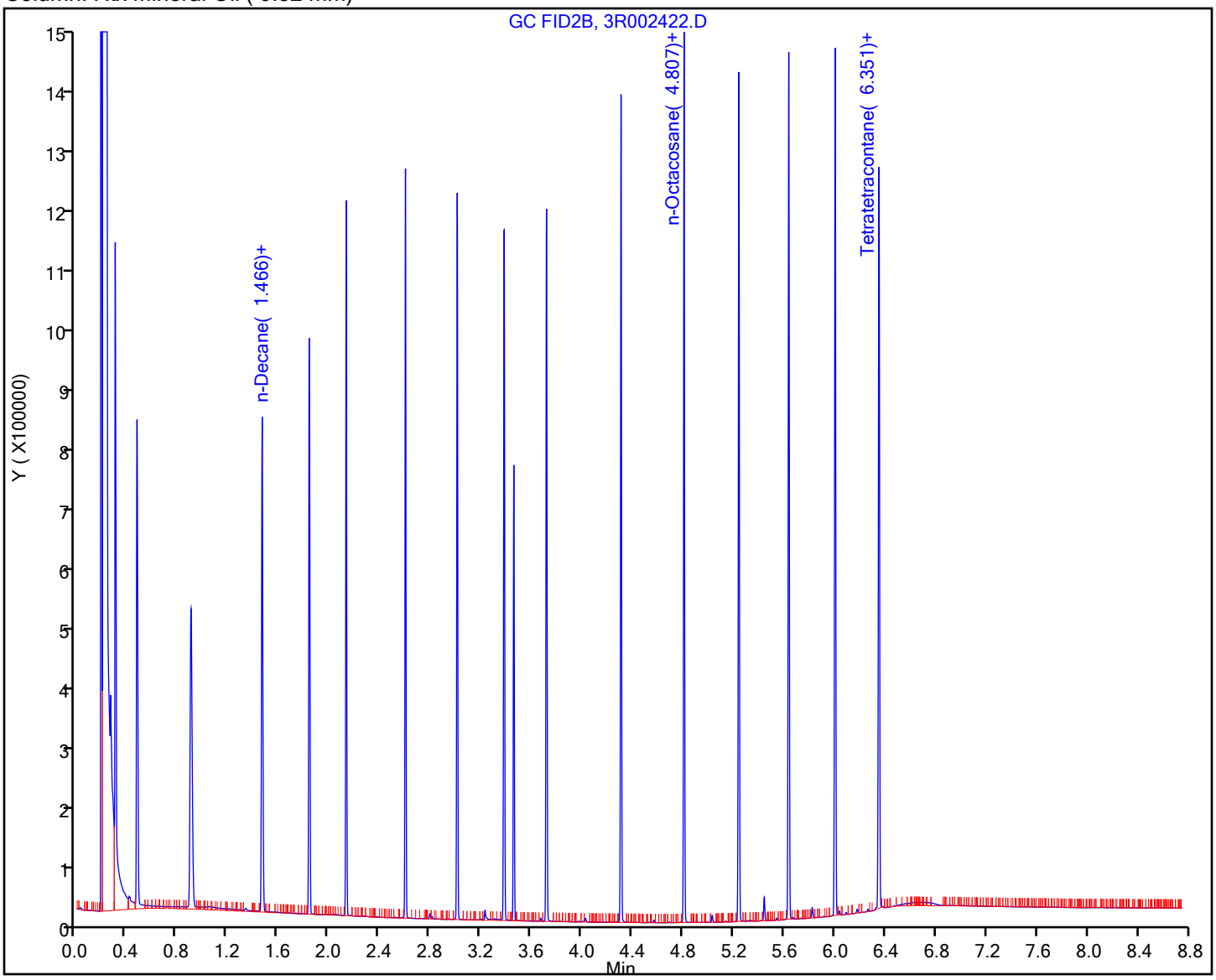
Client ID:

Operator ID: 615 ALS Bottle#: 3 Worklist Smp#: 3

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

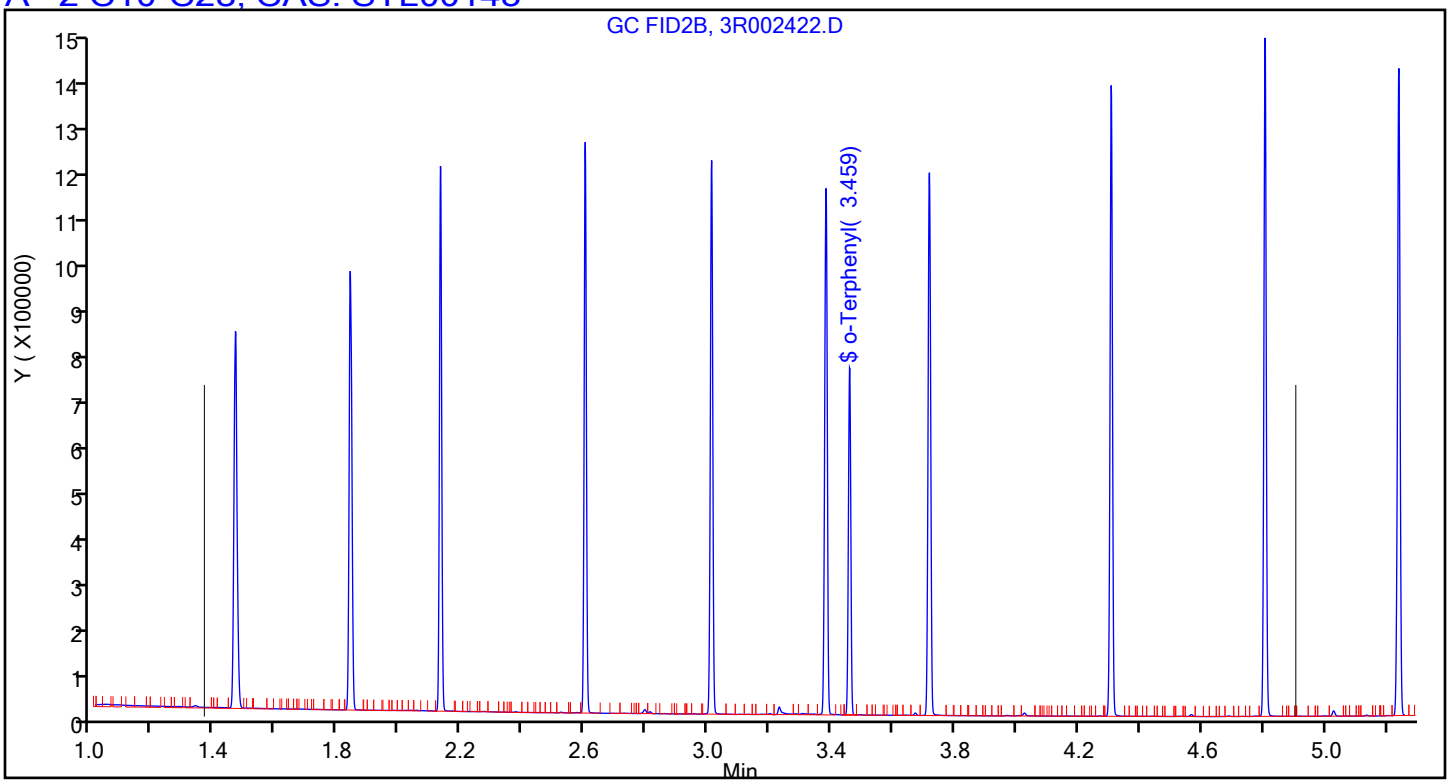


Report Date: 24-Feb-2022 12:55:57 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002422.D				
Injection Date:	24-Feb-2022 11:09:57	Instrument ID:	CBNAGC3		
Lims ID:	STD2				
Client ID:					
Operator ID:	615	ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 2 C10-C28, CAS: STL00143



Report Date: 24-Feb-2022 12:55:57 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002422.D

Injection Date: 24-Feb-2022 11:09:57 Instrument ID: CBNAGC3

Lims ID: STD2

Client ID:

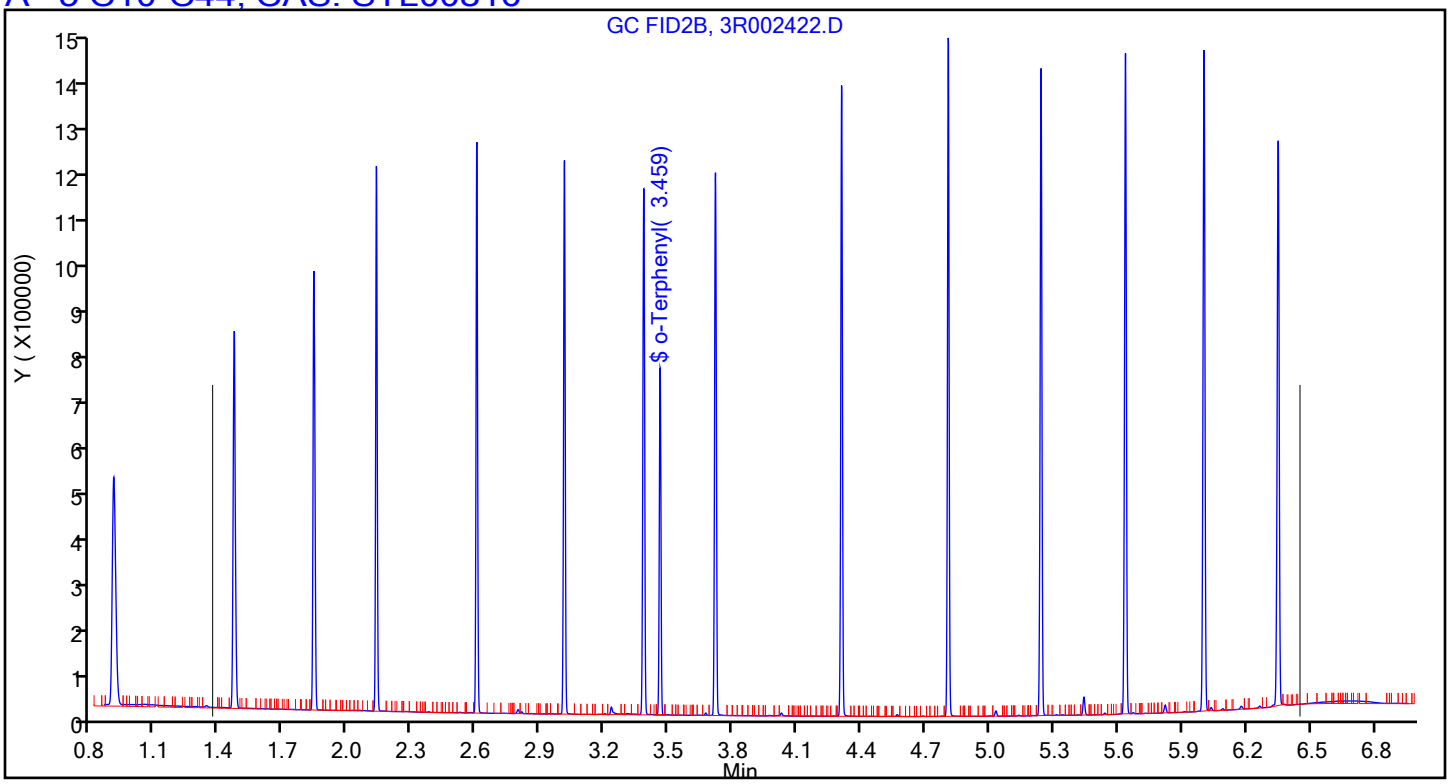
Operator ID: 615 ALS Bottle#: 3 Worklist Smp#: 3

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 5 C10-C44, CAS: STL00816



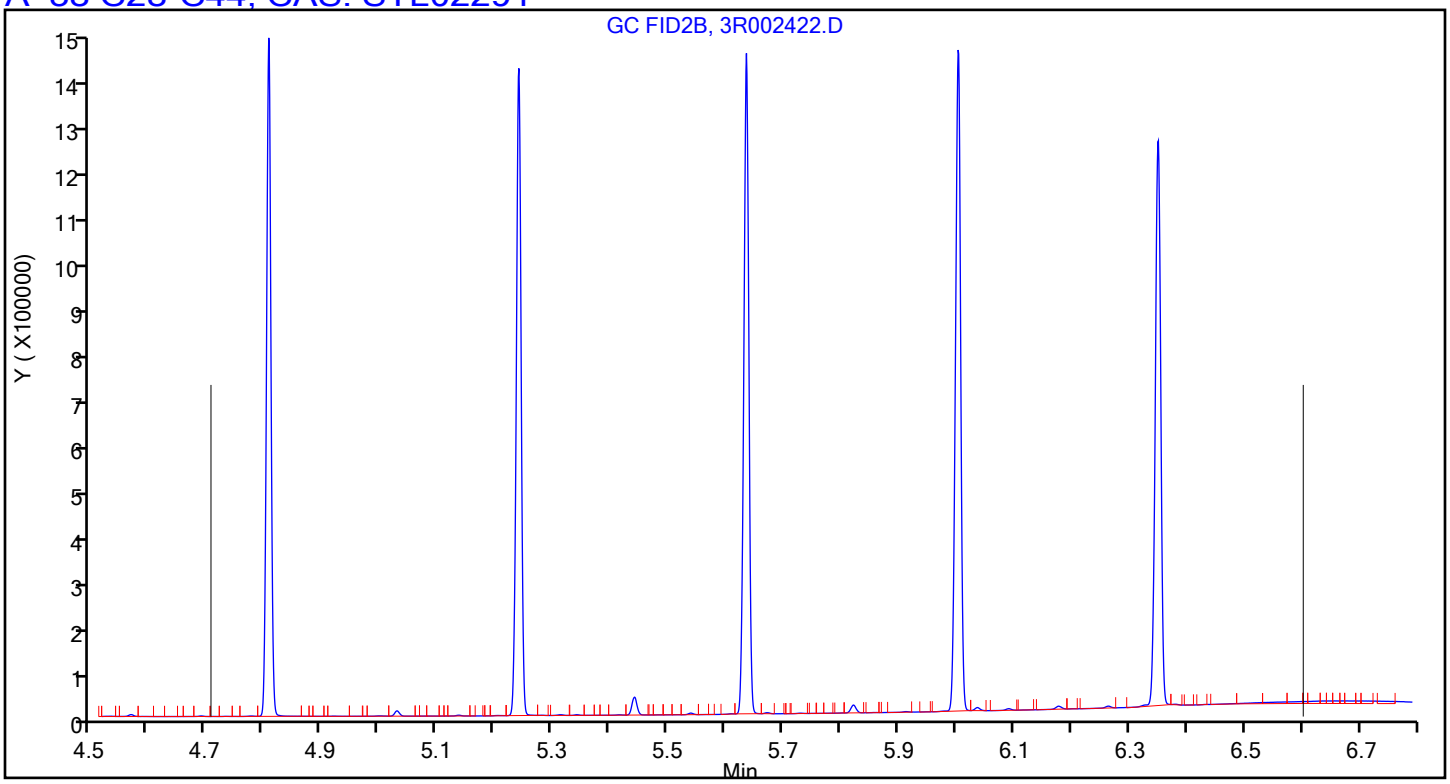
Report Date: 24-Feb-2022 12:55:57 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002422.D

Injection Date:	24-Feb-2022 11:09:57	Instrument ID:	CBNAGC3		
Lims ID:	STD2				
Client ID:					
Operator ID:	615	ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A_38 C28-C44, CAS: STL02291



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002423.D
Lims ID: STD3
Client ID:
Sample Type: ICRT Calib Level: 3
Inject. Date: 24-Feb-2022 11:25:10 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0141854-004
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-DRO3R*sub3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 24-Feb-2022 12:55:57 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1653

First Level Reviewer: patelji Date: 24-Feb-2022 12:27:58

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.465	1.465	0.000	1126156	80.0	79.1	
A	2 C10-C28						
	3.136	(1.365-4.907)		11677023	720.0	705.0	
$	4 o-Terphenyl						
	3.460	3.460	0.000	785542	40.0	39.4	
A	5 C10-C44						
	3.909	(1.365-6.453)		18345921	1040.0	1027.4	
	6 n-Octacosane						
	4.807	4.807	0.000	1496536	80.0	78.3	
A	38 C28-C44						
	5.655	(4.707-6.603)		8209480	400.0	395.9	
	8 Tetratetracontane						
	6.353	6.353	0.000	1653062	80.0	83.8	

QC Flag Legend

Processing Flags

Reagents:

SGOROL3_00003 Amount Added: 1.00 Units: mL

Report Date: 24-Feb-2022 12:55:58 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002423.D

Injection Date: 24-Feb-2022 11:25:10 Instrument ID: CBNAGC3

Lims ID: STD3

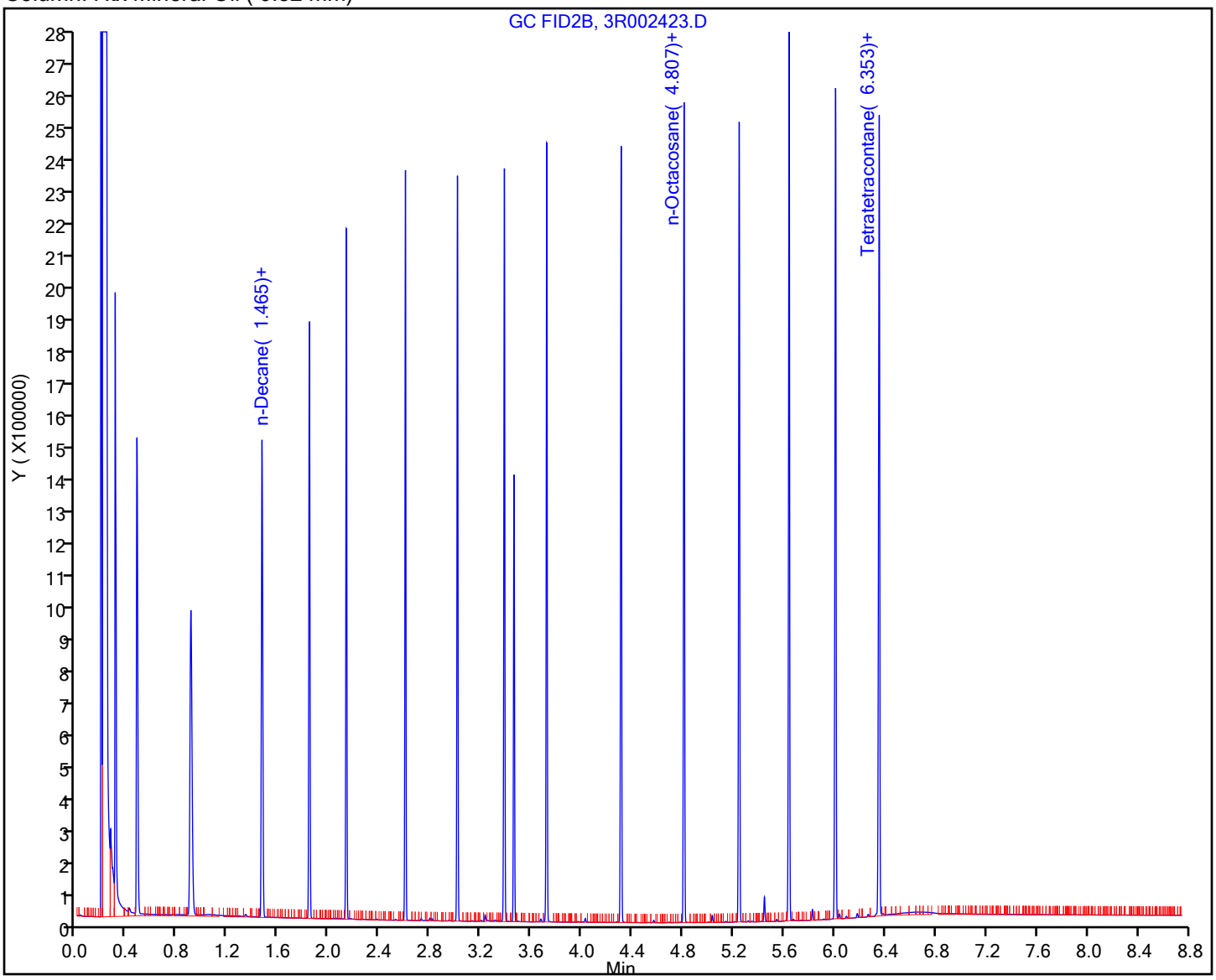
Client ID:

Operator ID: 615 ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Report Date: 24-Feb-2022 12:55:58 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002423.D

Injection Date: 24-Feb-2022 11:25:10 Instrument ID: CBNAGC3

Lims ID: STD3

Client ID:

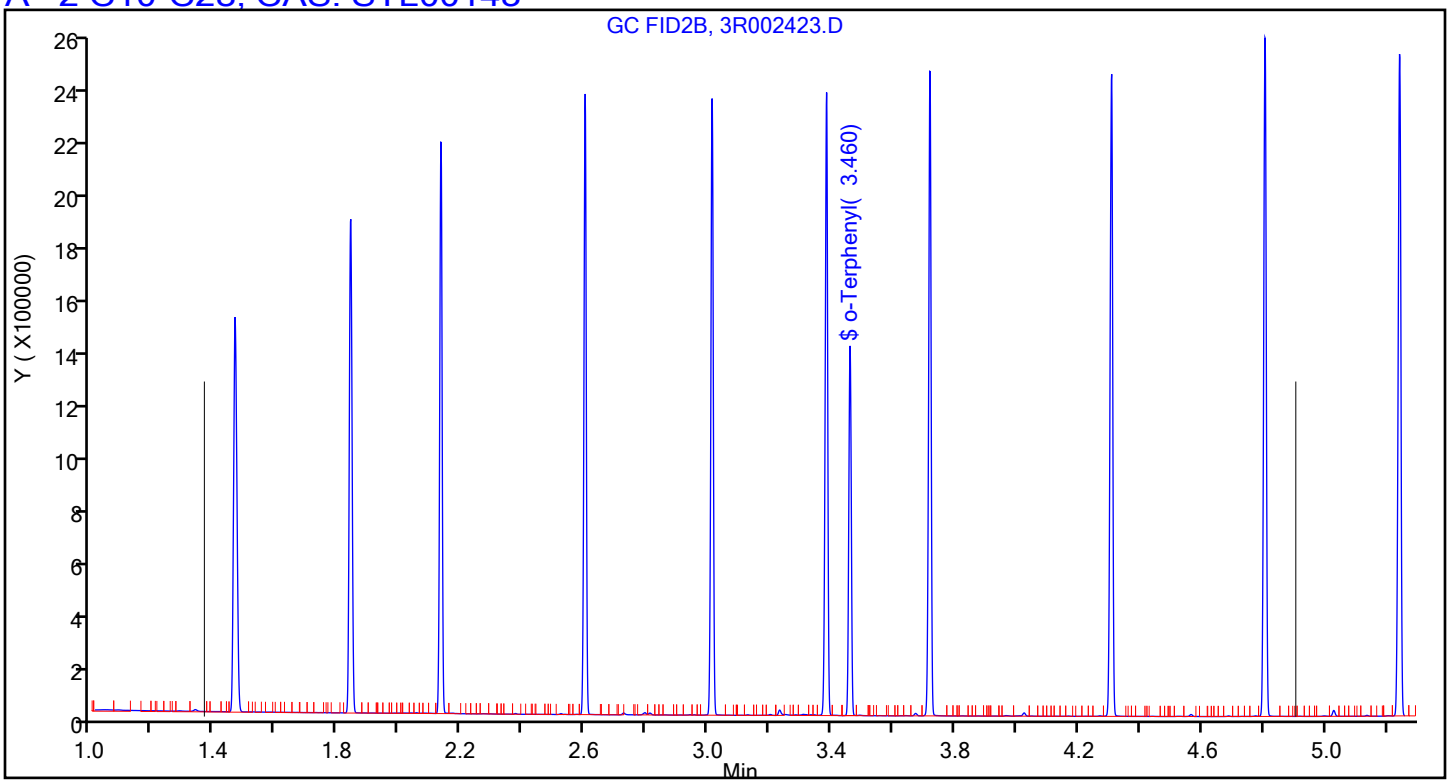
Operator ID: 615 ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 2 C10-C28, CAS: STL00143



Report Date: 24-Feb-2022 12:55:58 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002423.D

Injection Date: 24-Feb-2022 11:25:10 Instrument ID: CBNAGC3

Lims ID: STD3

Client ID:

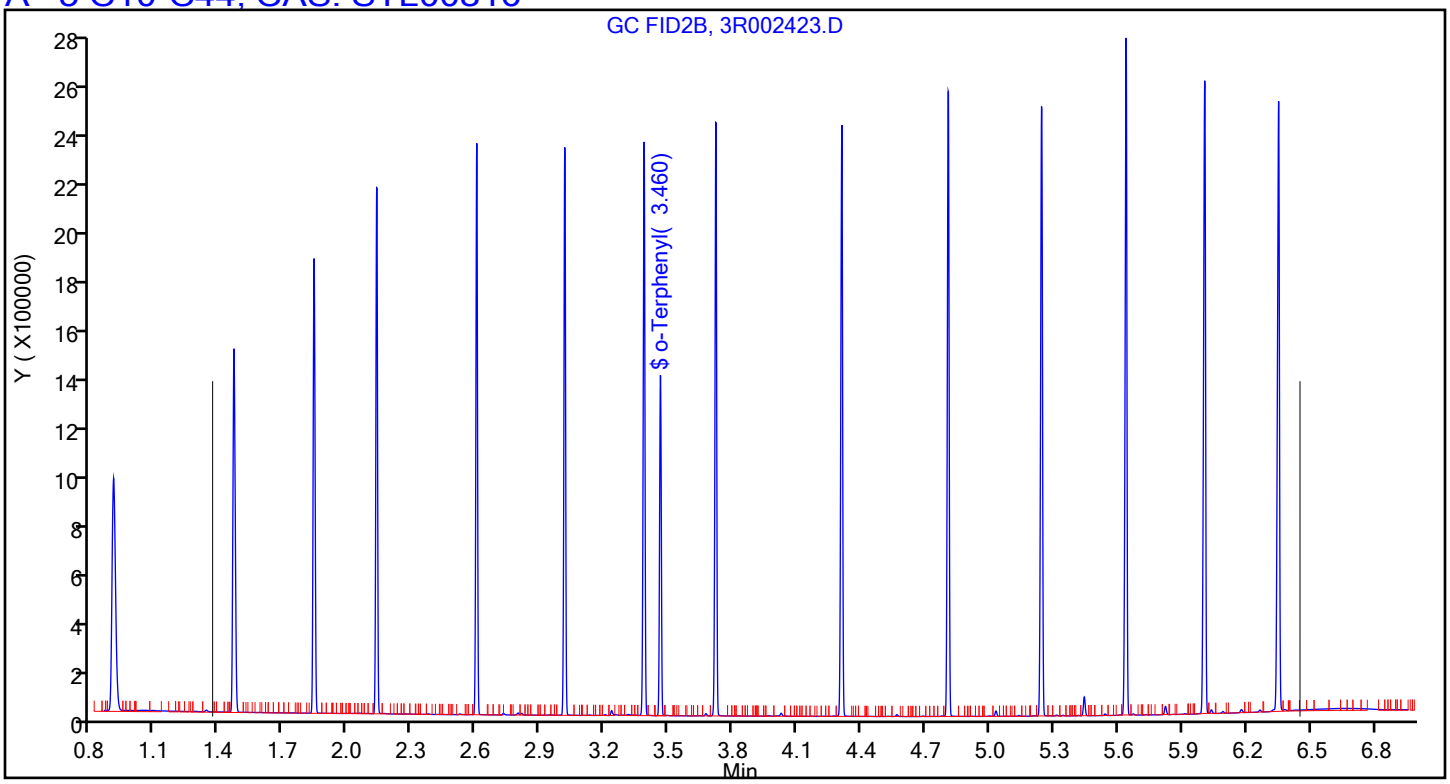
Operator ID: 615 ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 5 C10-C44, CAS: STL00816

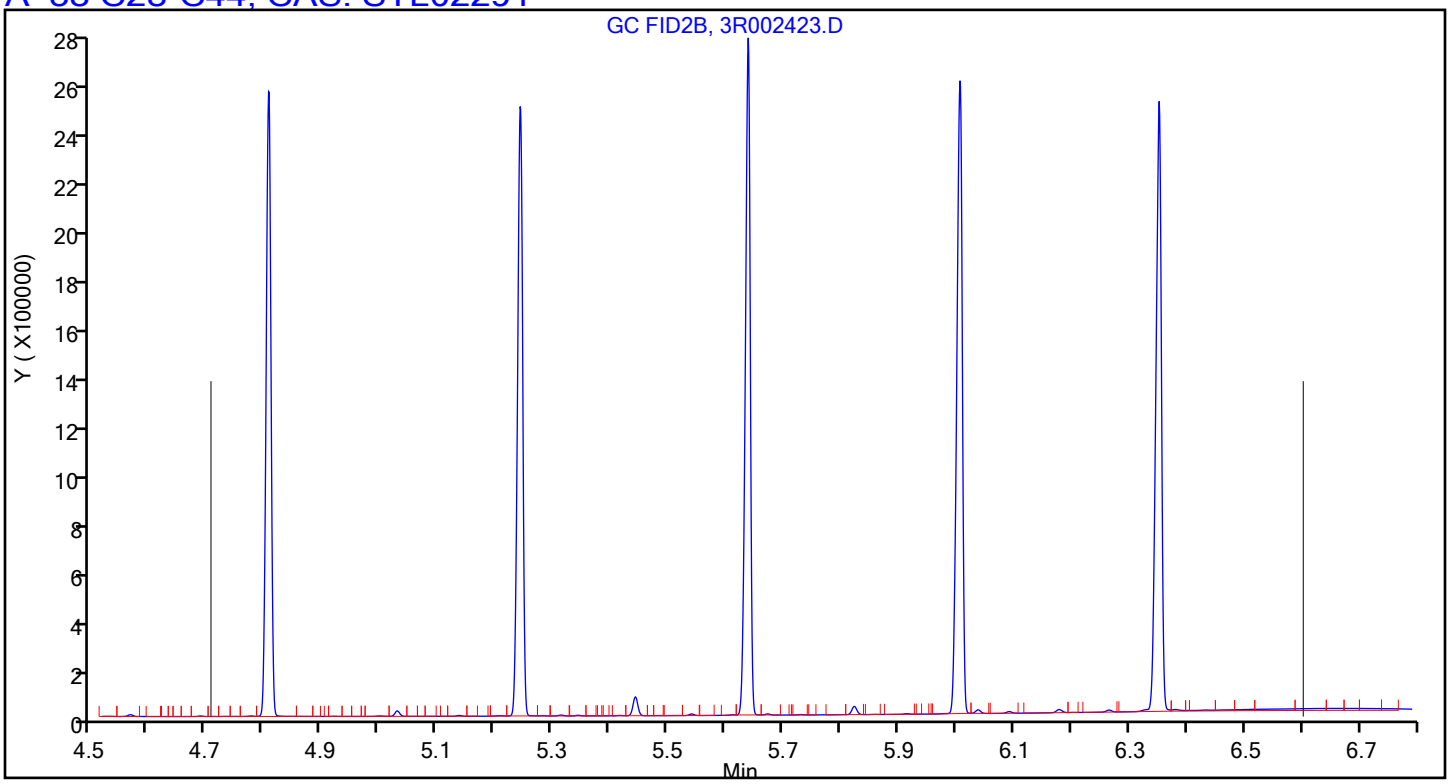


Report Date: 24-Feb-2022 12:55:58 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002423.D				
Injection Date:	24-Feb-2022 11:25:10	Instrument ID:	CBNAGC3		
Lims ID:	STD3				
Client ID:					
Operator ID:	615	ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 38 C28-C44, CAS: STL02291



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002424.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 24-Feb-2022 11:40:24 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0141854-005
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-DRO3R*sub3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 24-Feb-2022 12:55:59 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1653

First Level Reviewer: nimerd Date: 24-Feb-2022 12:47:48

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.468	1.465	0.003	3007001	200.0	211.3	
A	2 C10-C28						
	3.136	(1.365-4.907)		30670686	1800.0	1851.7	
$	4 o-Terphenyl						
	3.461	3.460	0.001	2095916	100.0	105.1	
A	5 C10-C44						
	3.909	(1.365-6.453)		48007651	2600.0	2688.5	
	6 n-Octacosane						
	4.812	4.807	0.005	3877887	200.0	203.0	
A	38 C28-C44						
	5.655	(4.707-6.603)		21286099	1000.0	1026.5	
	8 Tetratetracontane						
	6.364	6.353	0.011	4456529	200.0	225.8	

QC Flag Legend

Processing Flags

Reagents:

SGOROL4_00003 Amount Added: 1.00 Units: mL

Report Date: 24-Feb-2022 12:56:00 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002424.D

Injection Date: 24-Feb-2022 11:40:24 Instrument ID: CBNAGC3

Lims ID: STD4

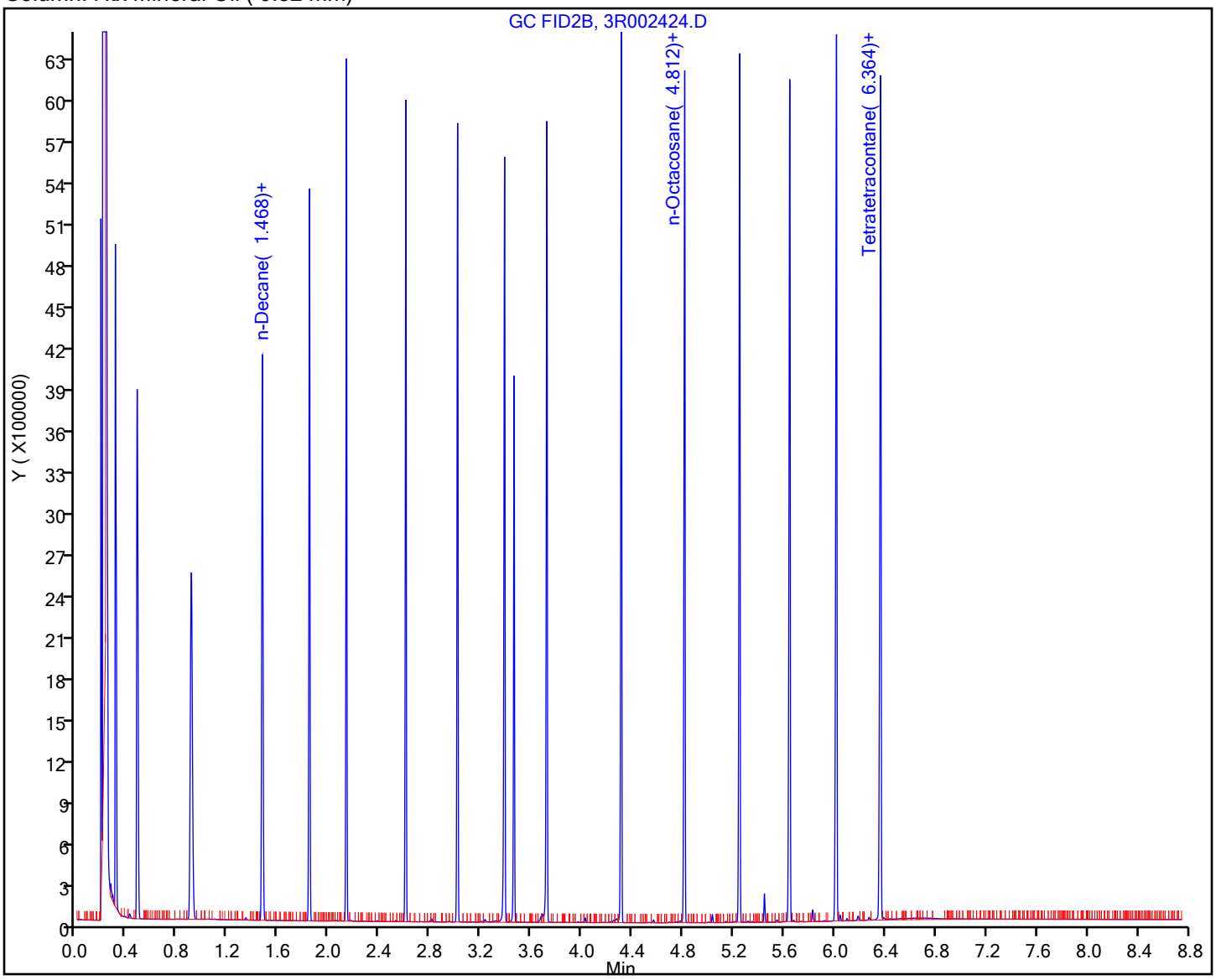
Client ID:

Operator ID: 615 ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



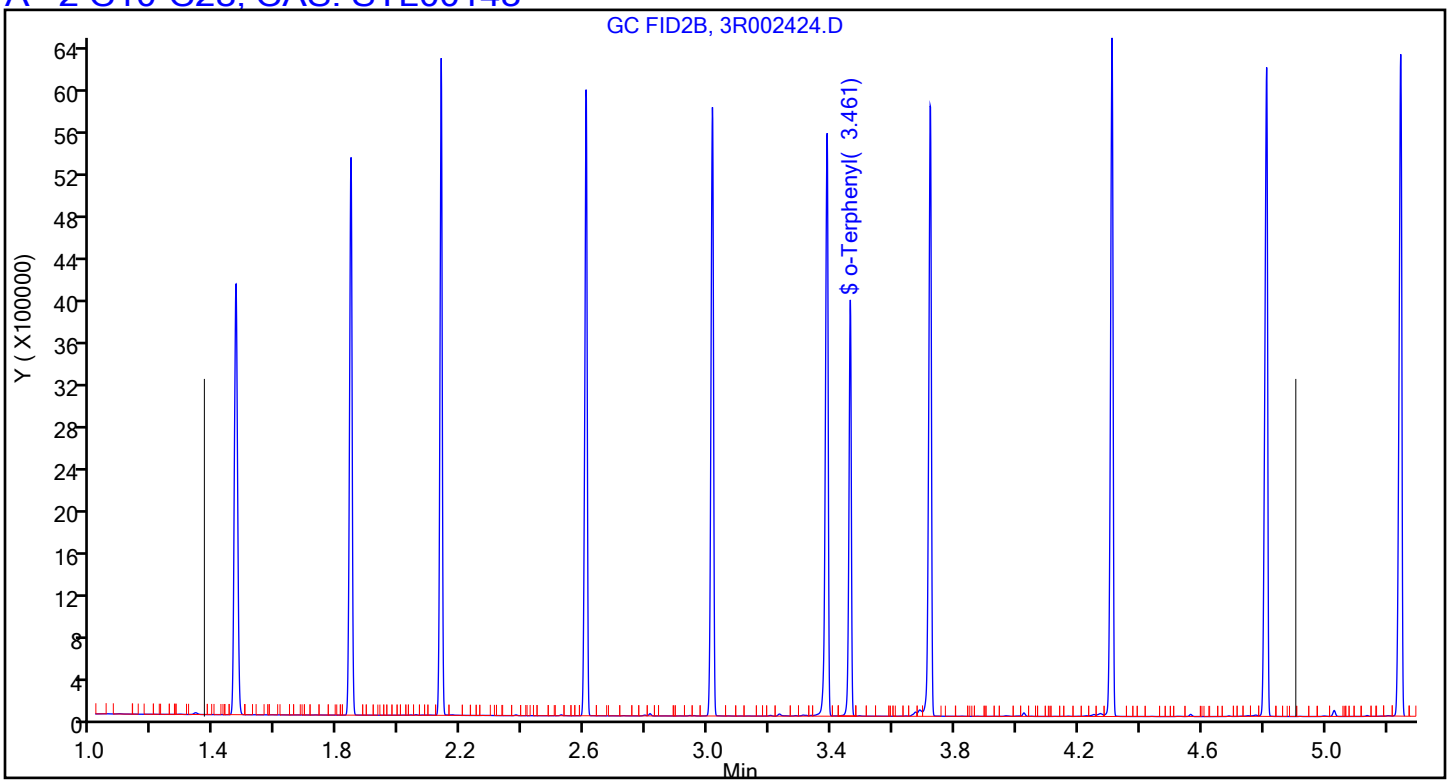
Report Date: 24-Feb-2022 12:56:00 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002424.D

Injection Date:	24-Feb-2022 11:40:24	Instrument ID:	CBNAGC3		
Lims ID:	STD4				
Client ID:					
Operator ID:	615	ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 2 C10-C28, CAS: STL00143



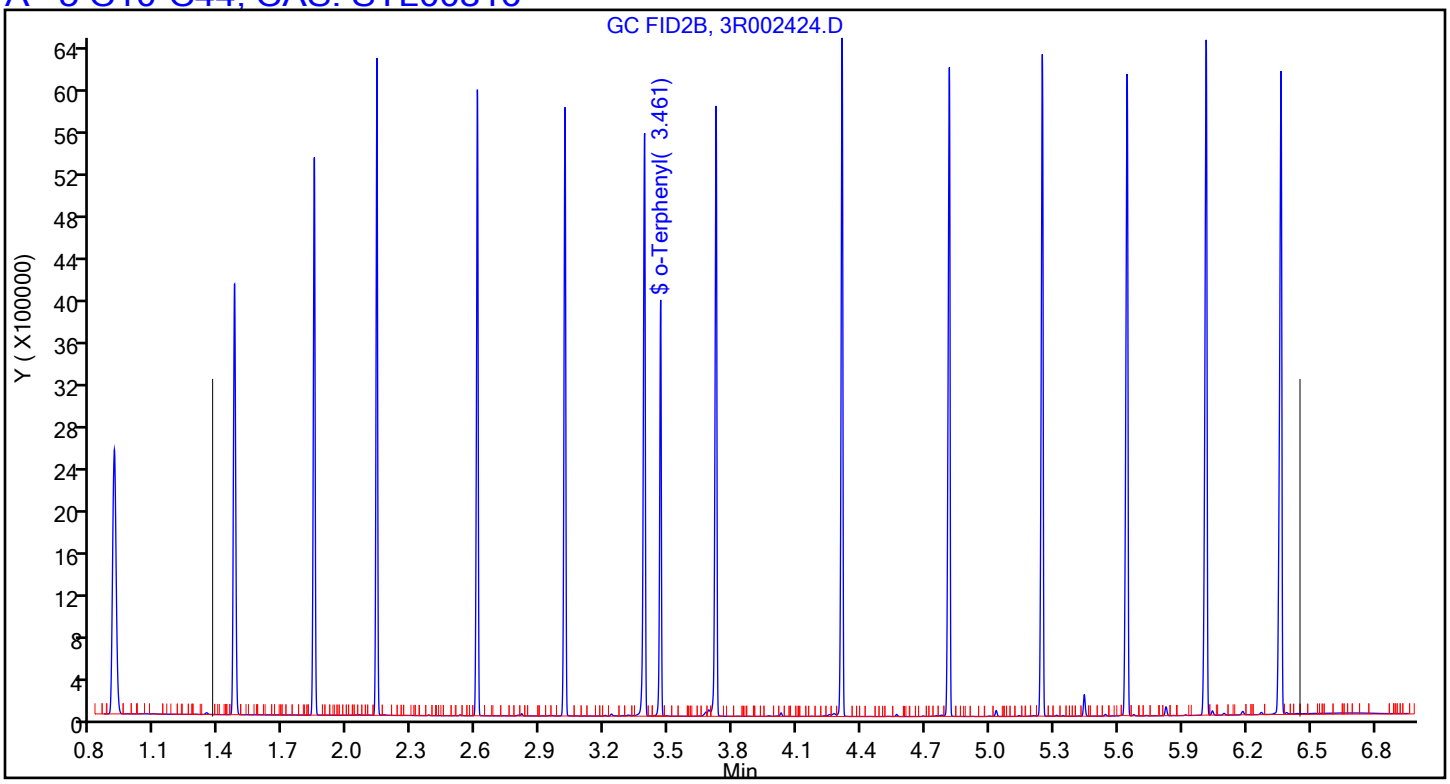
Report Date: 24-Feb-2022 12:56:00 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002424.D

Injection Date:	24-Feb-2022 11:40:24	Instrument ID:	CBNAGC3		
Lims ID:	STD4				
Client ID:					
Operator ID:	615	ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816

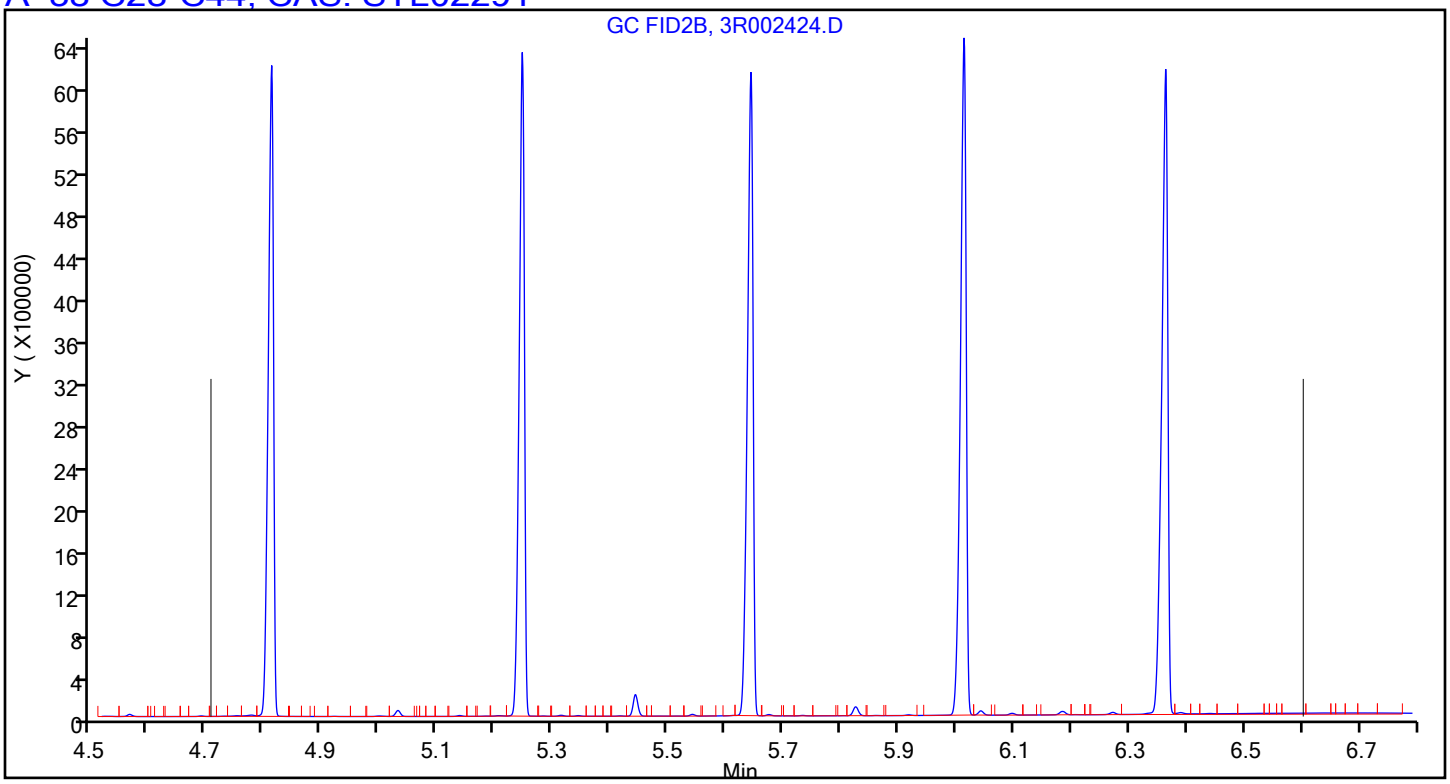


Report Date: 24-Feb-2022 12:56:00 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002424.D				
Injection Date:	24-Feb-2022 11:40:24	Instrument ID:	CBNAGC3		
Lims ID:	STD4				
Client ID:					
Operator ID:	615	ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A_38 C28-C44, CAS: STL02291



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 24-Feb-2022 11:55:53 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0141854-006
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-DRO3R*sub3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 24-Feb-2022 12:56:01 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1653

First Level Reviewer: nimerd Date: 24-Feb-2022 12:47:52

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.468	1.465	0.003	5796588	400.0	407.3	
A	2 C10-C28						
	3.136	(1.365-4.907)		63122604	3600.0	3811.0	
$	4 o-Terphenyl						
	3.464	3.460	0.004	4129792	200.0	207.1	
A	5 C10-C44						
	3.909	(1.365-6.453)		99164484	5200.0	5553.4	
	6 n-Octacosane						
	4.815	4.807	0.008	8260783	400.0	432.3	
A	38 C28-C44						
	5.655	(4.707-6.603)		44375502	2000.0	2140.0	
	8 Tetratetracontane						
	6.355	6.353	0.002	9110977	400.0	461.7	

QC Flag Legend
Processing Flags

Reagents:
SGOROL5_00003 Amount Added: 1.00 Units: mL

Report Date: 24-Feb-2022 12:56:01 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Injection Date: 24-Feb-2022 11:55:53 Instrument ID: CBNAGC3

Lims ID: STD5

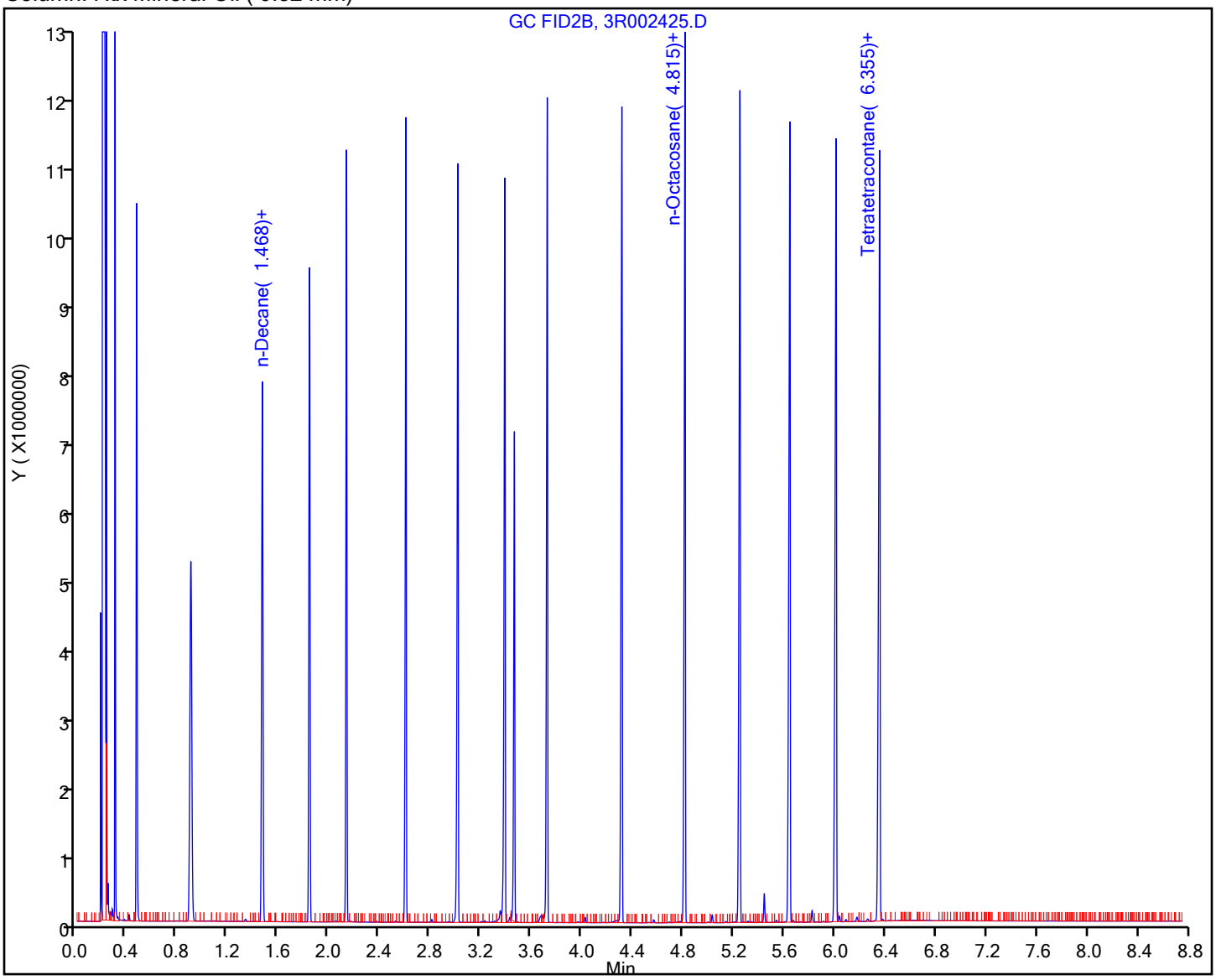
Client ID:

Operator ID: 615 ALS Bottle#: 6 Worklist Smp#: 6

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Report Date: 24-Feb-2022 12:56:01 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Injection Date: 24-Feb-2022 11:55:53 Instrument ID: CBNAGC3

Lims ID: STD5

Client ID:

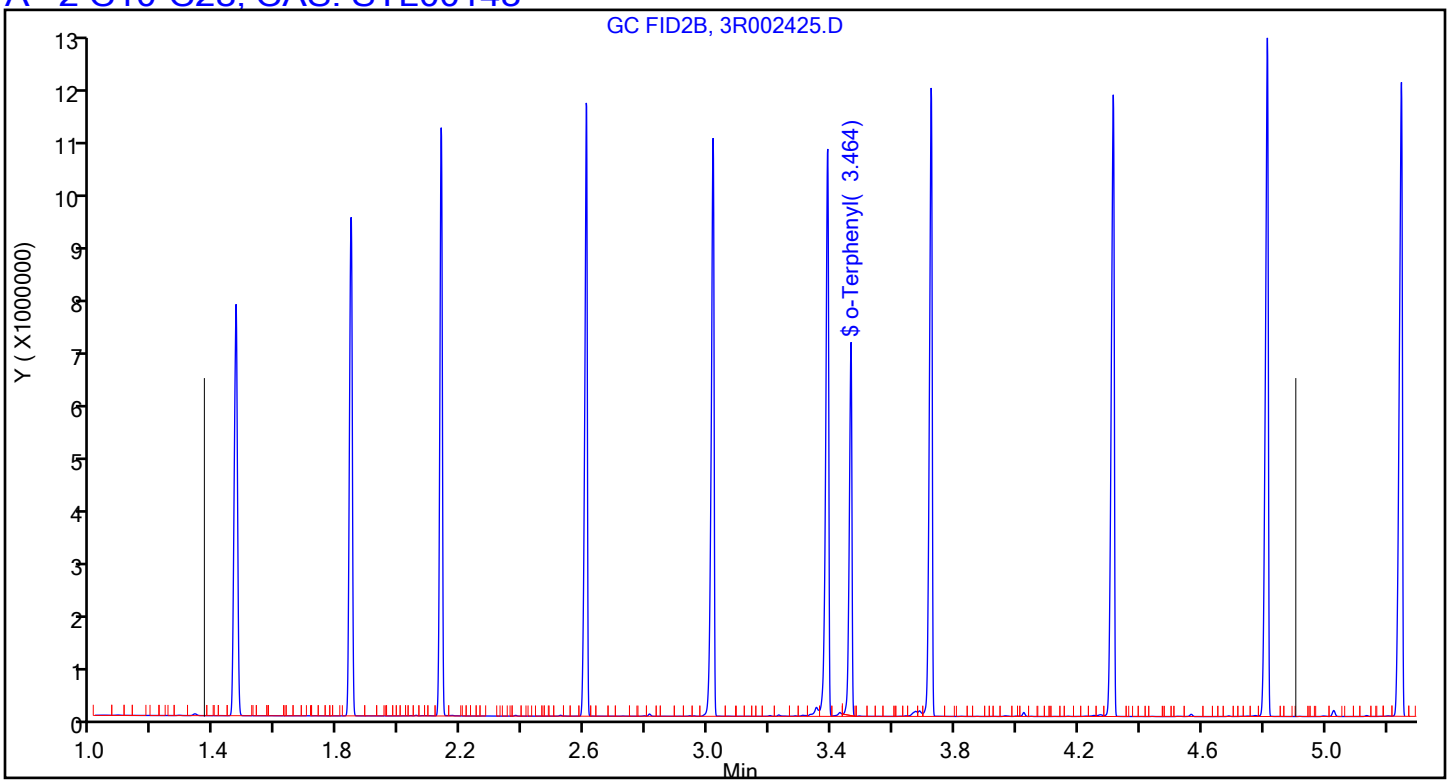
Operator ID: 615 ALS Bottle#: 6 Worklist Smp#: 6

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 2 C10-C28, CAS: STL00143



Report Date: 24-Feb-2022 12:56:01 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Injection Date: 24-Feb-2022 11:55:53 Instrument ID: CBNAGC3

Lims ID: STD5

Client ID:

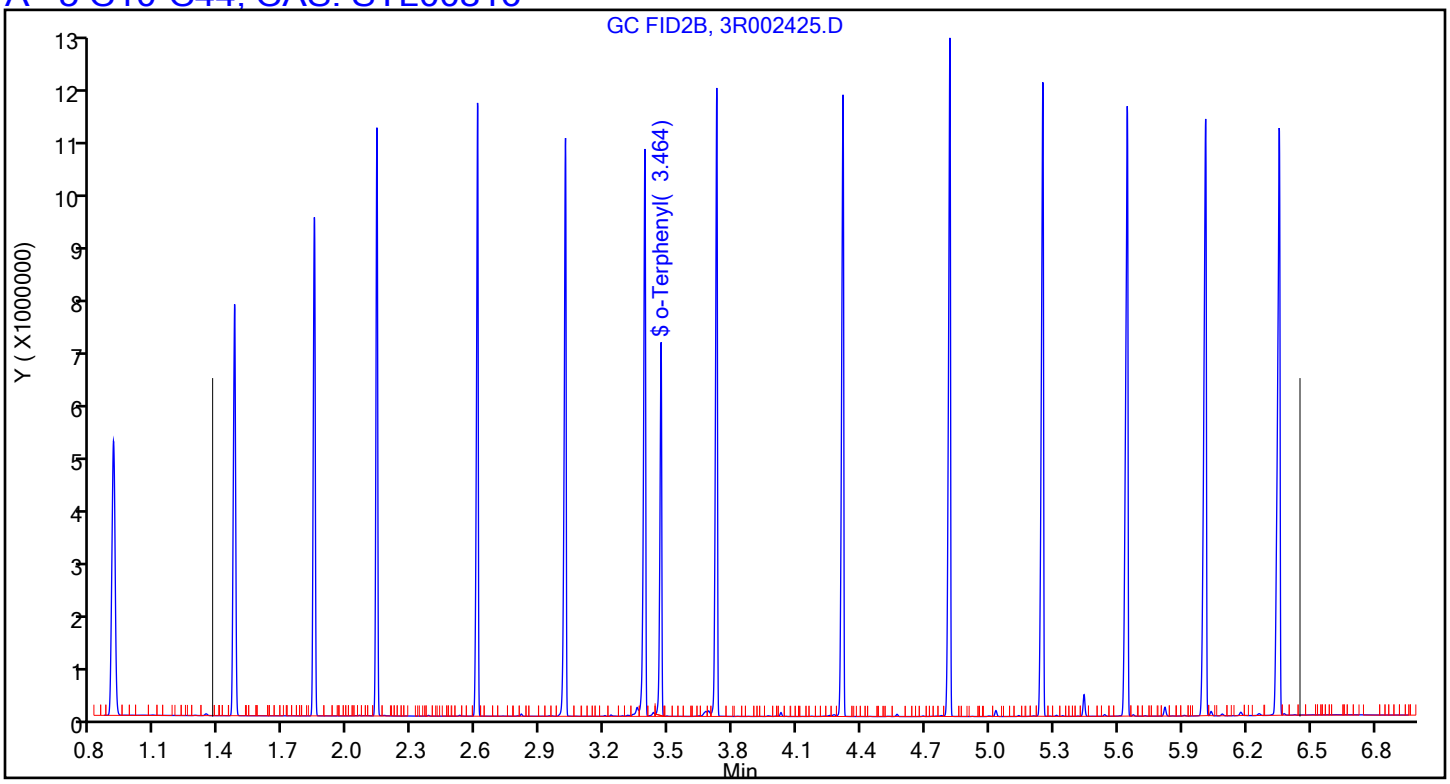
Operator ID: 615 ALS Bottle#: 6 Worklist Smp#: 6

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 5 C10-C44, CAS: STL00816



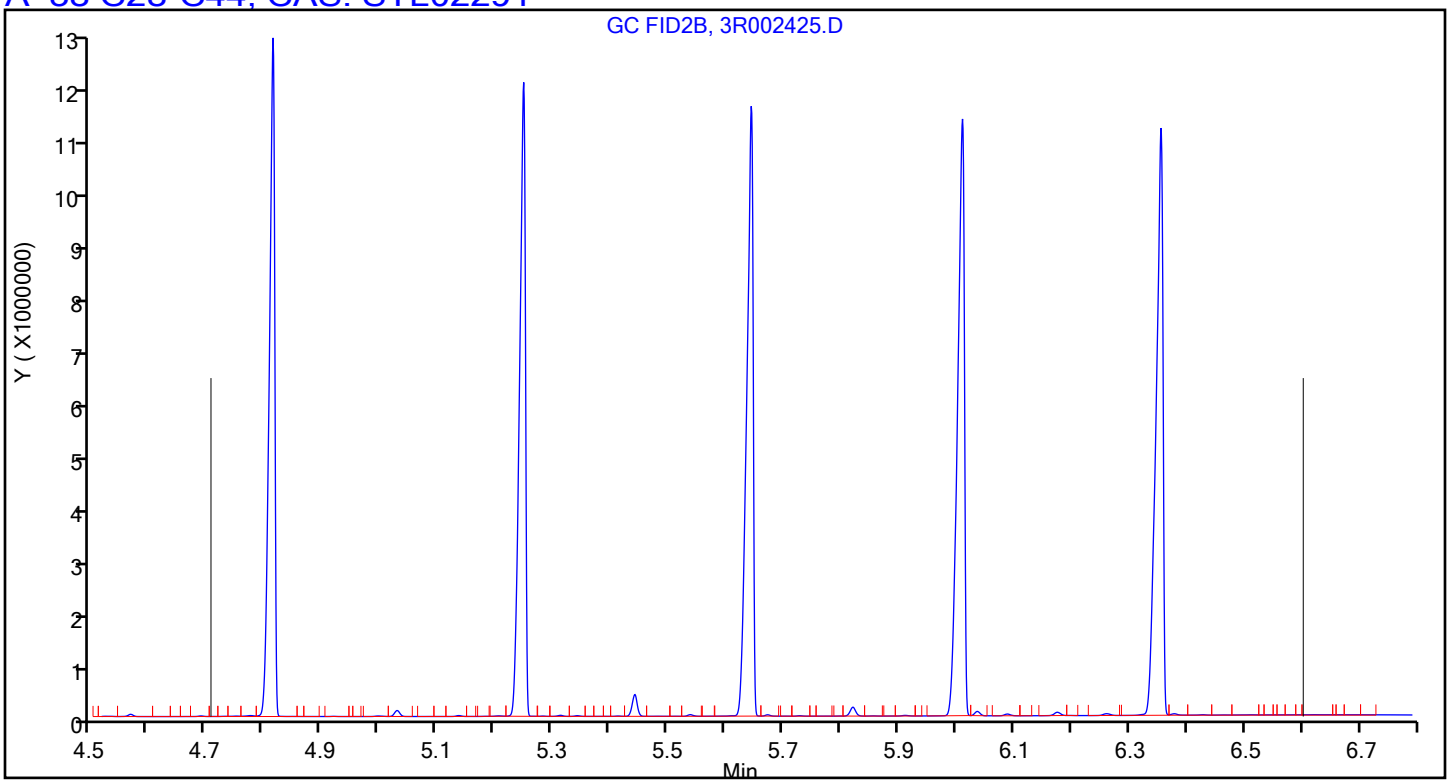
Report Date: 24-Feb-2022 12:56:02 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Injection Date:	24-Feb-2022 11:55:53	Instrument ID:	CBNAGC3		
Lims ID:	STD5				
Client ID:					
Operator ID:	615	ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A_38 C28-C44, CAS: STL02291



Calibration / n-Decane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

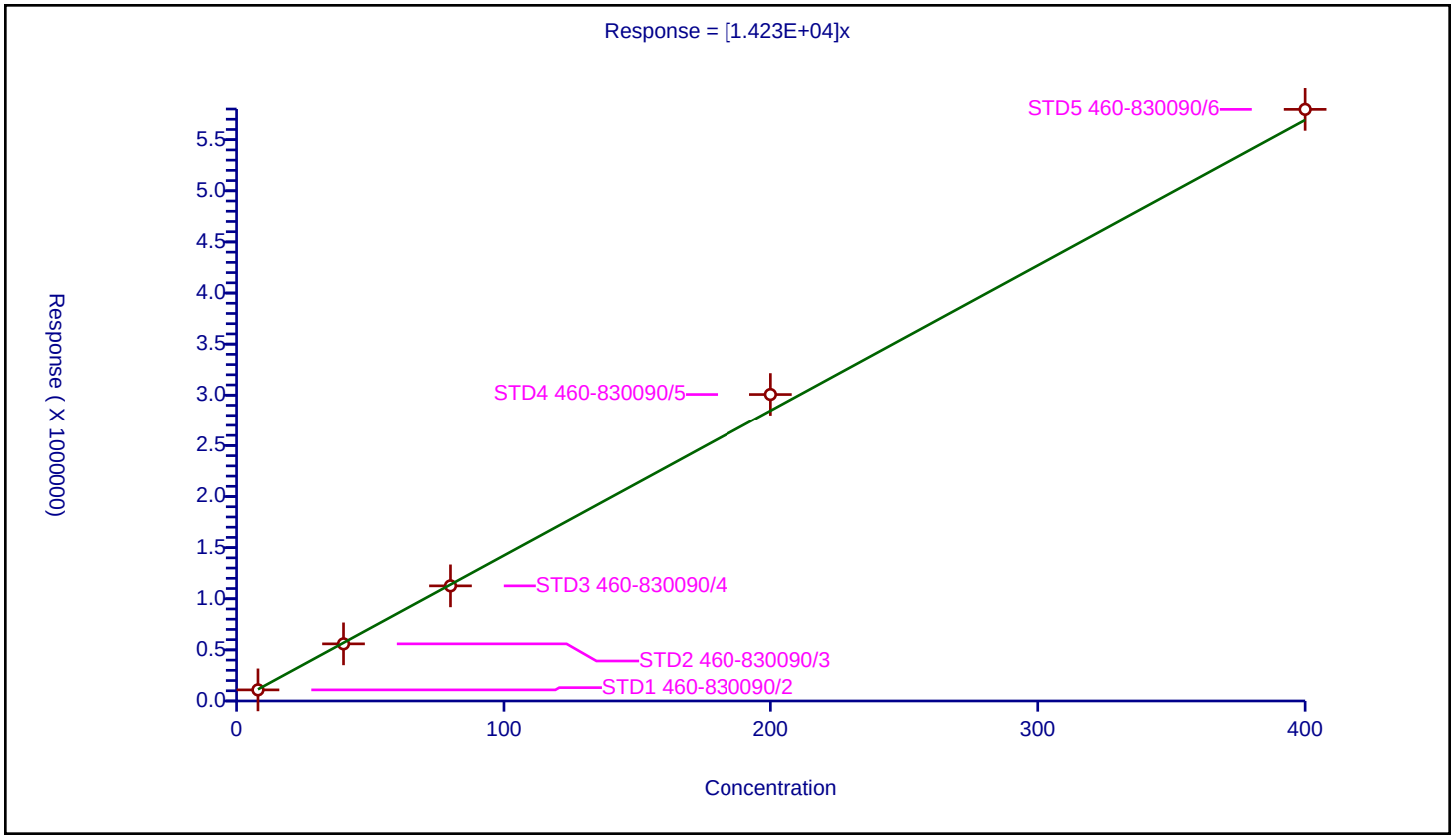
Curve Coefficients

Intercept:	0
Slope:	1.423E+04

Error Coefficients

Standard Error:	95800
Relative Standard Error:	3.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	STD1 460-830090/2	8.0	108756.0			13594.5	Y
2	STD2 460-830090/3	40.0	558735.0			13968.375	Y
3	STD3 460-830090/4	80.0	1126156.0			14076.95	Y
4	STD4 460-830090/5	200.0	3007001.0			15035.005	Y
5	STD5 460-830090/6	400.0	5796588.0			14491.47	Y



Calibration / C10-C28

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

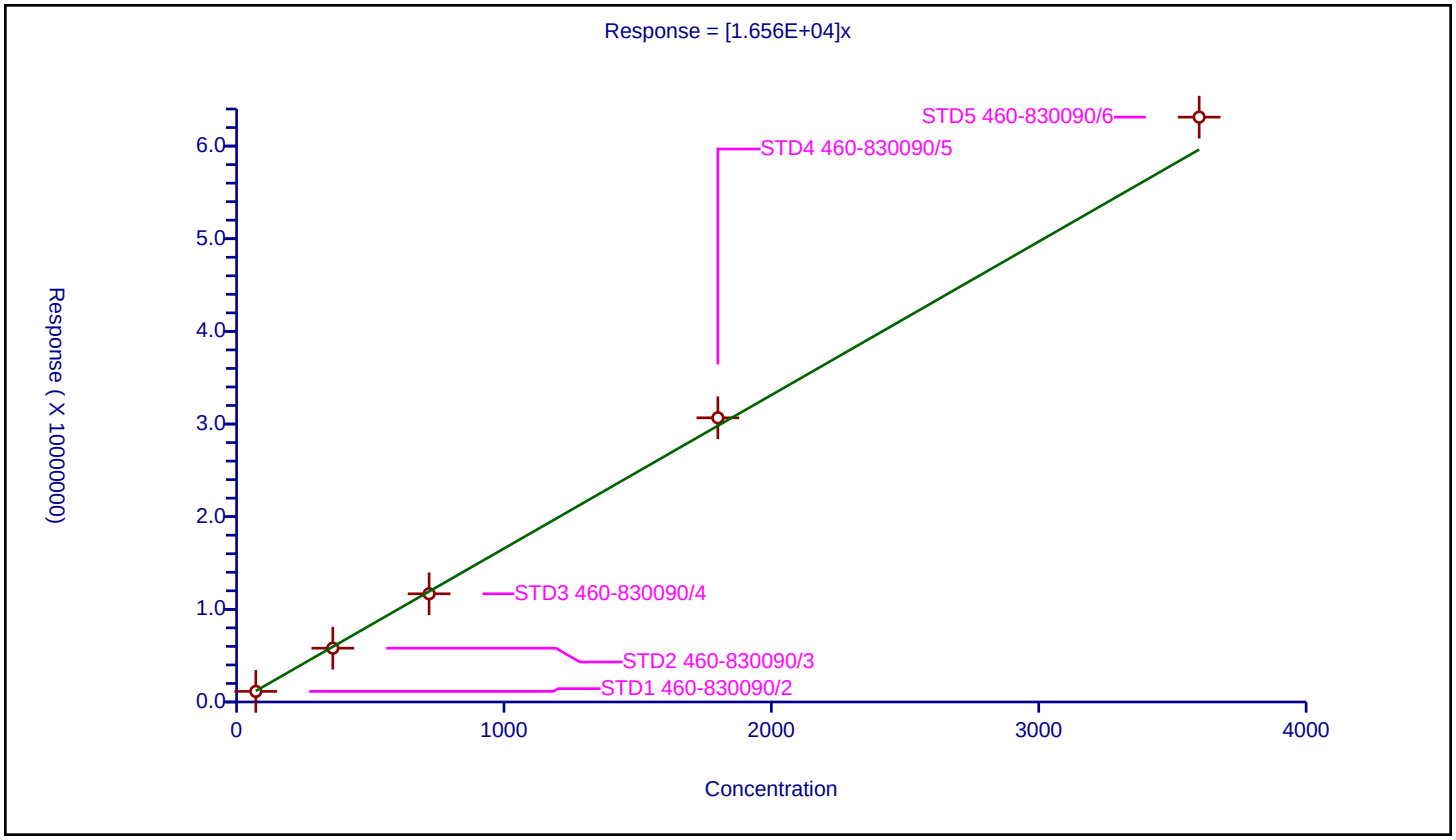
Curve Coefficients

Intercept:	0
Slope:	1.656E+04

Error Coefficients

Standard Error:	1810000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	STD1 460-830090/2	72.0	1144648.0			15897.888889	Y
2	STD2 460-830090/3	360.0	5806006.0			16127.794444	Y
3	STD3 460-830090/4	720.0	11677023.0			16218.0875	Y
4	STD4 460-830090/5	1800.0	30670686.0			17039.27	Y
5	STD5 460-830090/6	3600.0	63122604.0			17534.056667	Y



Calibration / o-Terphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

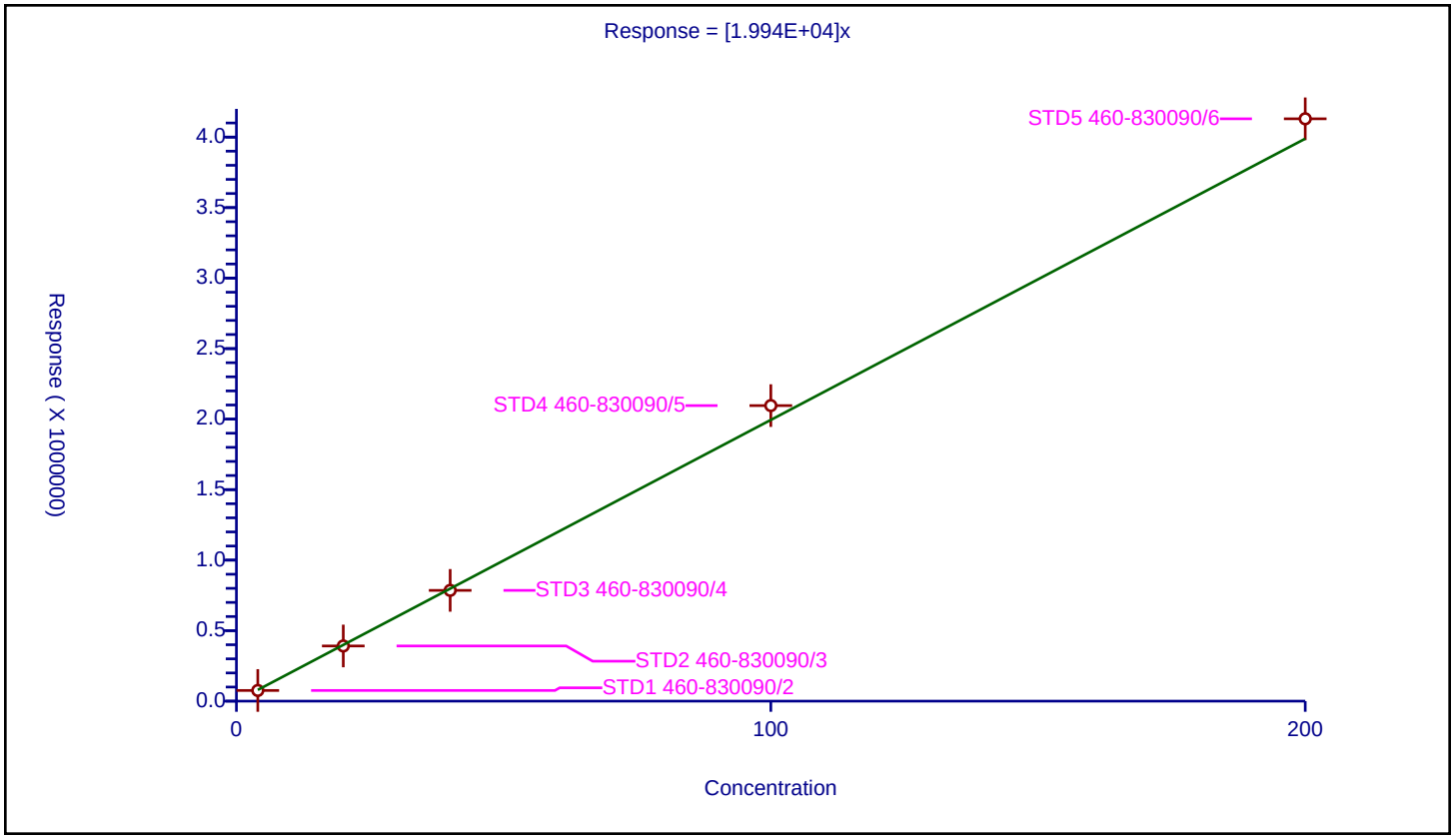
Curve Coefficients

Intercept:	0
Slope:	1.994E+04

Error Coefficients

Standard Error:	87400
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	STD1 460-830090/2	4.0	75620.0			18905.0	Y
2	STD2 460-830090/3	20.0	391212.0			19560.6	Y
3	STD3 460-830090/4	40.0	785542.0			19638.55	Y
4	STD4 460-830090/5	100.0	2095916.0			20959.16	Y
5	STD5 460-830090/6	200.0	4129792.0			20648.96	Y



Calibration / C10-C44

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

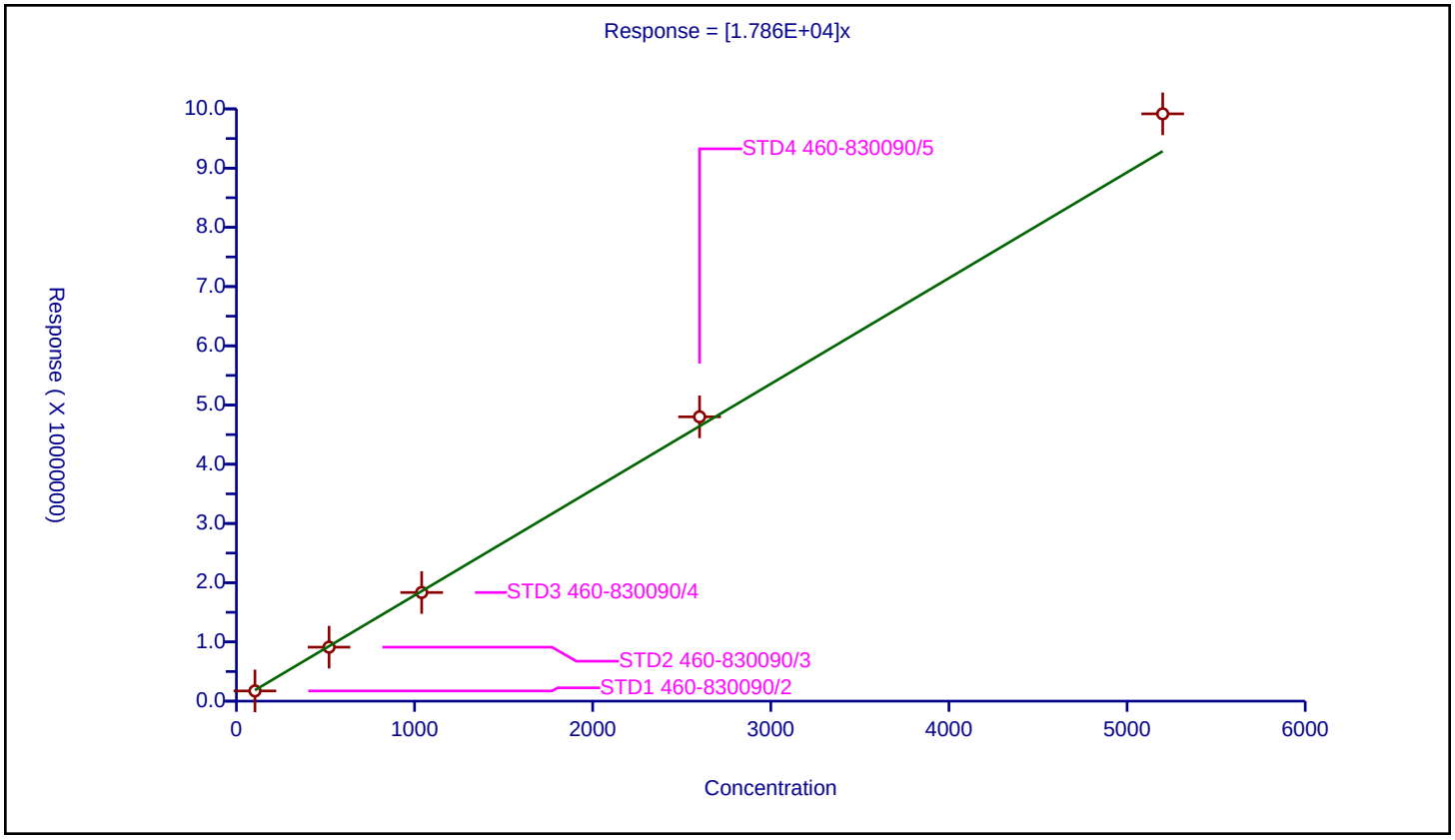
Curve Coefficients

Intercept:	0
Slope:	1.786E+04

Error Coefficients

Standard Error:	3260000
Relative Standard Error:	5.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	STD1 460-830090/2	104.0	1724533.0			16582.048077	Y
2	STD2 460-830090/3	520.0	9113105.0			17525.201923	Y
3	STD3 460-830090/4	1040.0	18345921.0			17640.308654	Y
4	STD4 460-830090/5	2600.0	48007651.0			18464.481154	Y
5	STD5 460-830090/6	5200.0	99164484.0			19070.093077	Y



Calibration / n-Octacosane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

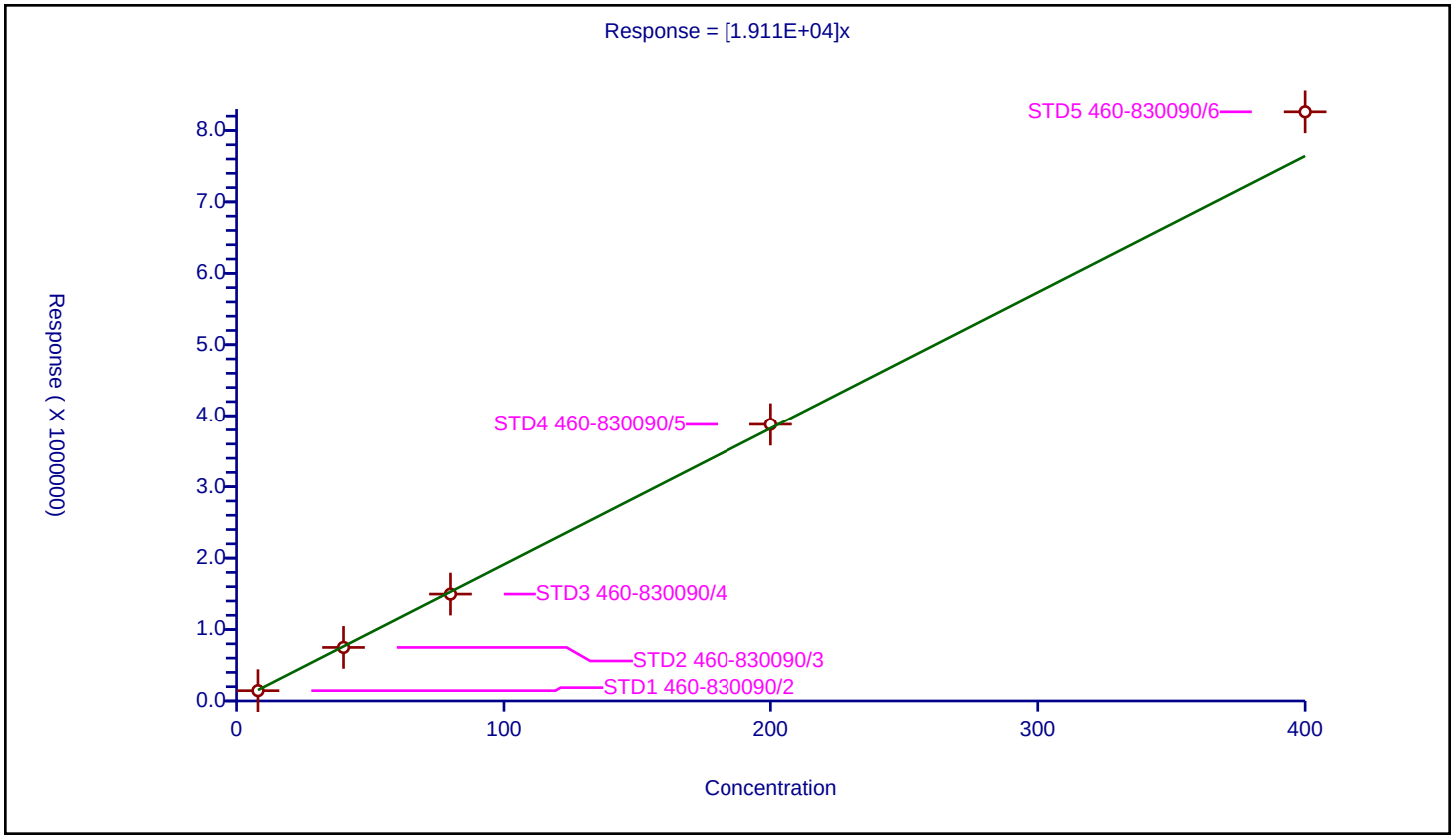
Curve Coefficients

Intercept:	0
Slope:	1.911E+04

Error Coefficients

Standard Error:	311000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	STD1 460-830090/2	8.0	144338.0			18042.25	Y
2	STD2 460-830090/3	40.0	749796.0			18744.9	Y
3	STD3 460-830090/4	80.0	1496536.0			18706.7	Y
4	STD4 460-830090/5	200.0	3877887.0			19389.435	Y
5	STD5 460-830090/6	400.0	8260783.0			20651.9575	Y



Calibration / C28-C44

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

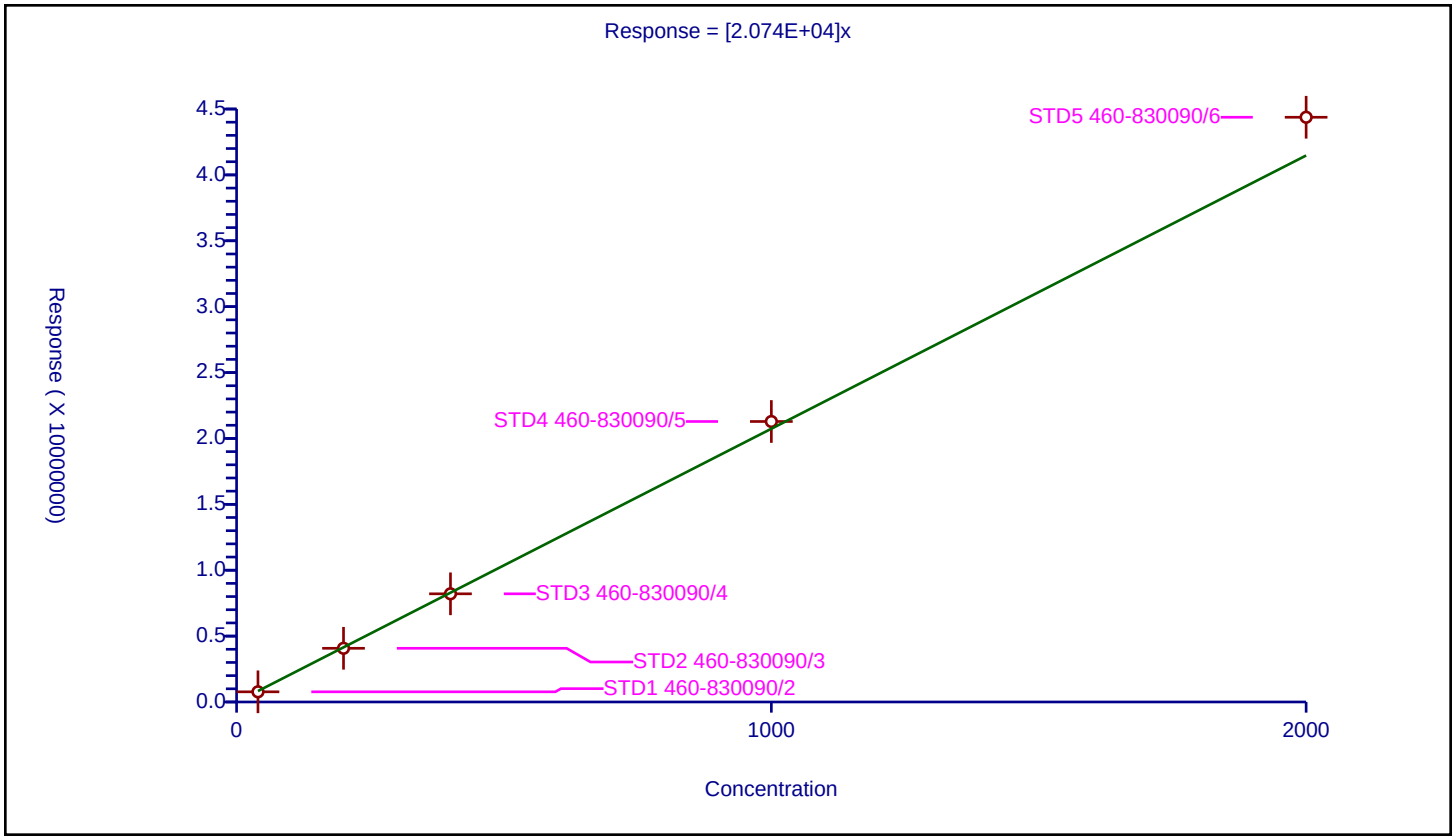
Curve Coefficients

Intercept:	0
Slope:	2.074E+04

Error Coefficients

Standard Error:	1480000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	STD1 460-830090/2	40.0	772302.0			19307.55	Y
2	STD2 460-830090/3	200.0	4075625.0			20378.125	Y
3	STD3 460-830090/4	400.0	8209480.0			20523.7	Y
4	STD4 460-830090/5	1000.0	21286099.0			21286.099	Y
5	STD5 460-830090/6	2000.0	44375502.0			22187.751	Y



FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: ICV 460-824714/7 Calibration Date: 01/23/2022 09:58

Instrument ID: CBNAGC2 Calib Start Date: 01/23/2022 08:55

GC Column: Rtx-Mineral Oil ID: 0.32(mm) Calib End Date: 01/23/2022 09:46

Lab File ID: 2F144469.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10-C28]	Ave	10049	9461		847	900	-5.8	20.0
C10-C44	Ave	11001	10123		1200	1300	-8.0	20.0
C28-C44	Ave	12866	11542		449	500	-10.3	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: ICV 460-824714/7 Calibration Date: 01/23/2022 09:58

Instrument ID: CBNAGC2 Calib Start Date: 01/23/2022 08:55

GC Column: Rtx-Mineral Oil ID: 0.32(mm) Calib End Date: 01/23/2022 09:46

Lab File ID: 2F144469.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10-C28]	2.79	1.21	4.37
C10-C44	3.51	1.21	5.81
C28-C44	4.99	4.17	5.81

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144469.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 23-Jan-2022 09:58:58 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0140536-007
Operator ID: Instrument ID: CBNAGC2
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\DRO2F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 23-Jan-2022 10:18:32 Calib Date: 23-Jan-2022 09:46:18
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1657

First Level Reviewer: hamzik Date: 23-Jan-2022 10:18:49

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.310	1.309	0.001	832688	100.0	95.9	
A	3 C10-C28						
	2.788	(1.209-4.367)		8515014	900.0	847.4	
A	5 C10-C44						
	3.512	(1.209-5.814)		13160259	1300.0	1196.3	
	6 n-Octacosane						
	4.263	4.267	-0.004	1122905	100.0	95.8	
A	7 C28-C44						
	4.991	(4.167-5.814)		5770893	500.0	448.5	
	8 Tetratetracontane						
	5.708	5.714	-0.006	981027	100.0	76.3	

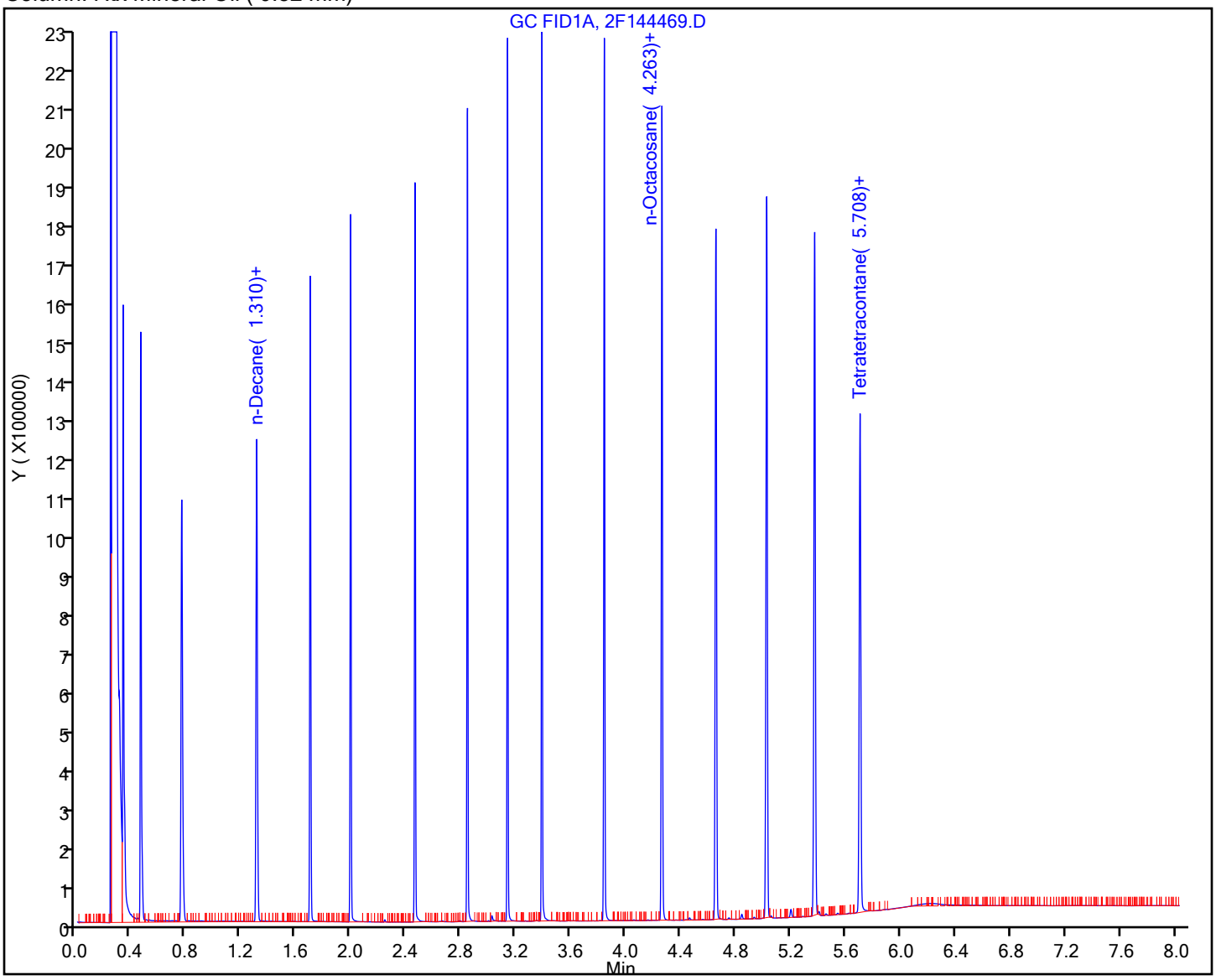
QC Flag Legend
Processing Flags

Reagents:
SGOROICV_00003 Amount Added: 1.00 Units: mL

Report Date: 23-Jan-2022 10:18:50 Chrom Revision: 2.3 03-Jan-2022 17:03:12

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144469.D
Injection Date: 23-Jan-2022 09:58:58 Instrument ID: CBNAGC2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO2F Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm)

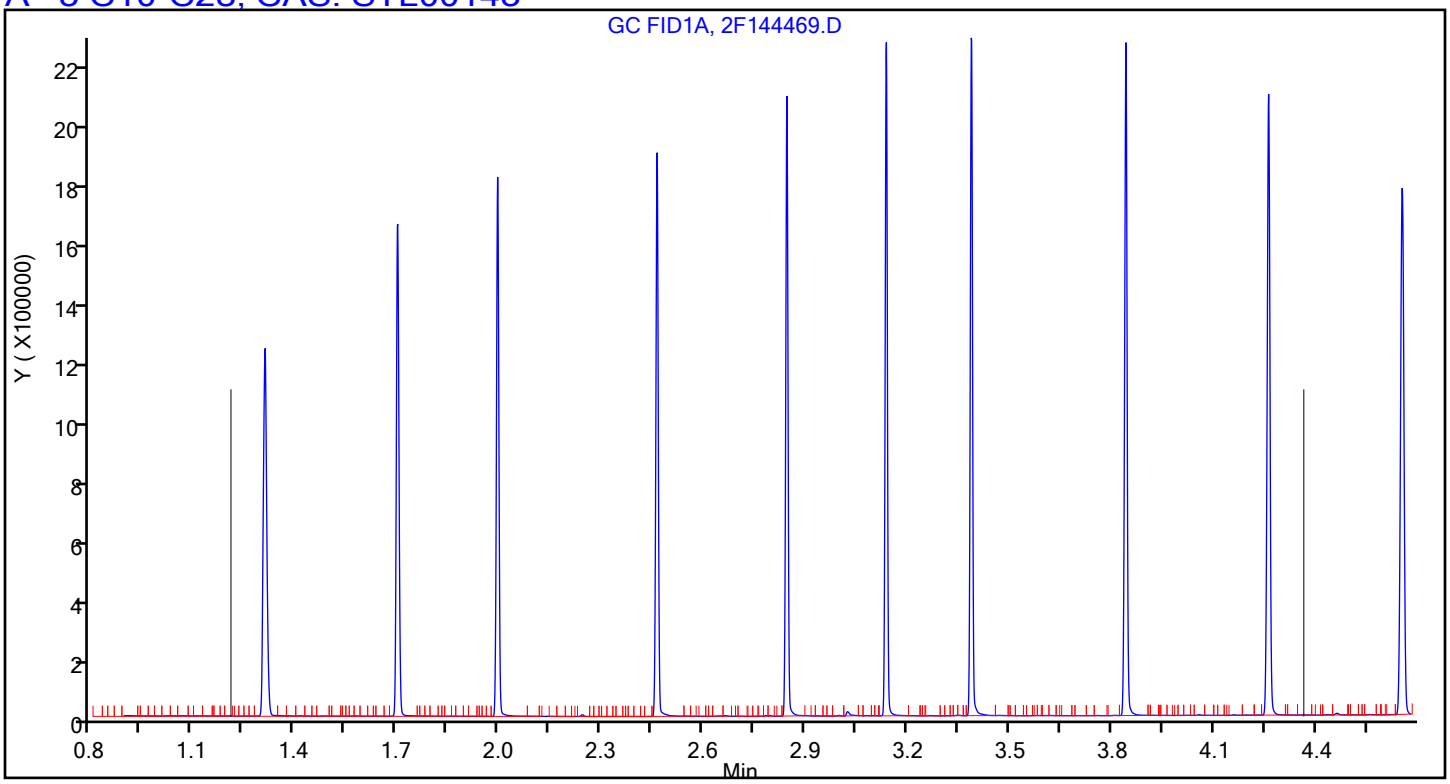


Report Date: 23-Jan-2022 10:18:50 Chrom Revision: 2.3 03-Jan-2022 17:03:12

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144469.D				
Injection Date:	23-Jan-2022 09:58:58	Instrument ID:	CBNAGC2		
Lims ID:	ICV				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO2F	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 3 C10-C28, CAS: STL00143

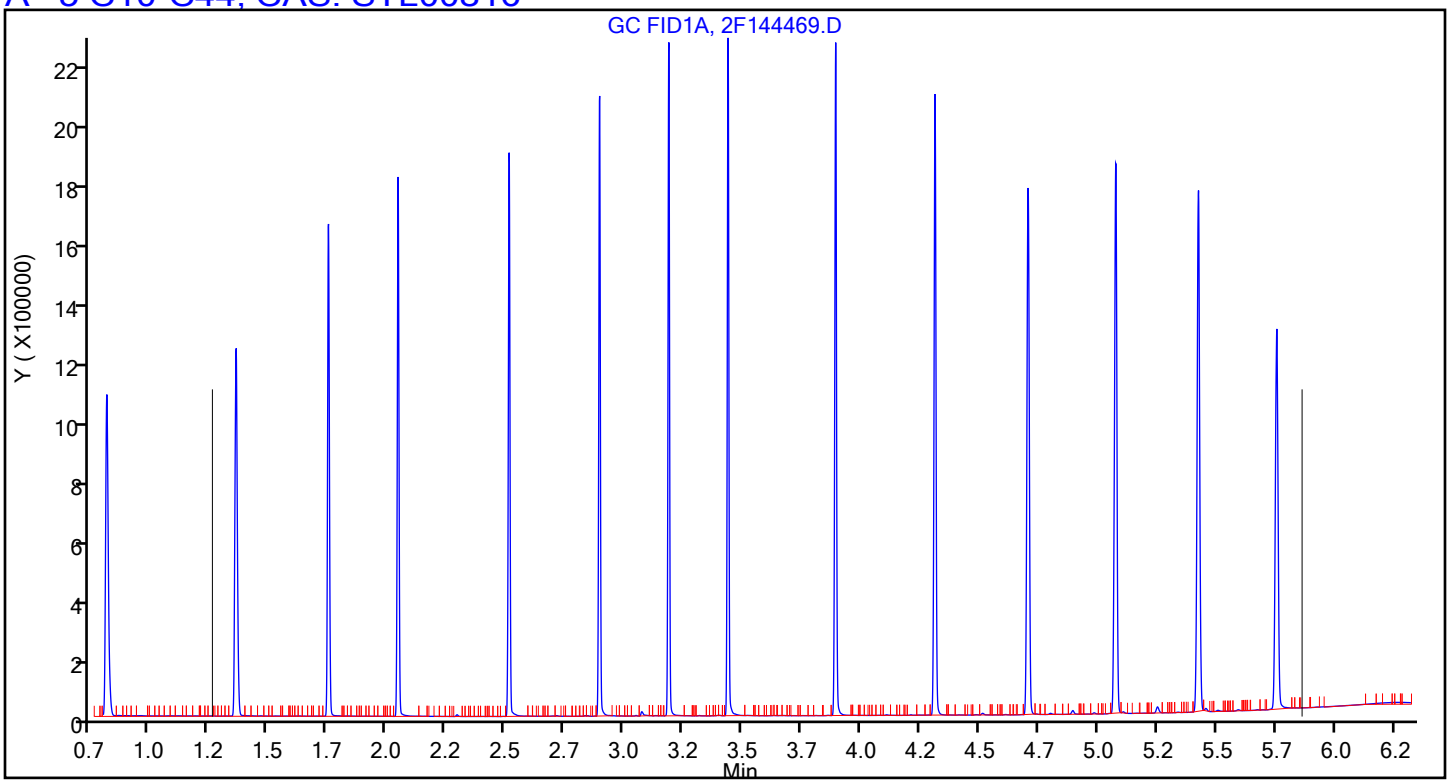


Report Date: 23-Jan-2022 10:18:50 Chrom Revision: 2.3 03-Jan-2022 17:03:12

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144469.D				
Injection Date:	23-Jan-2022 09:58:58	Instrument ID:	CBNAGC2		
Lims ID:	ICV				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO2F	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816



Report Date: 23-Jan-2022 10:18:50 Chrom Revision: 2.3 03-Jan-2022 17:03:12

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144469.D

Injection Date: 23-Jan-2022 09:58:58 Instrument ID: CBNAGC2

Lims ID: ICV

Client ID:

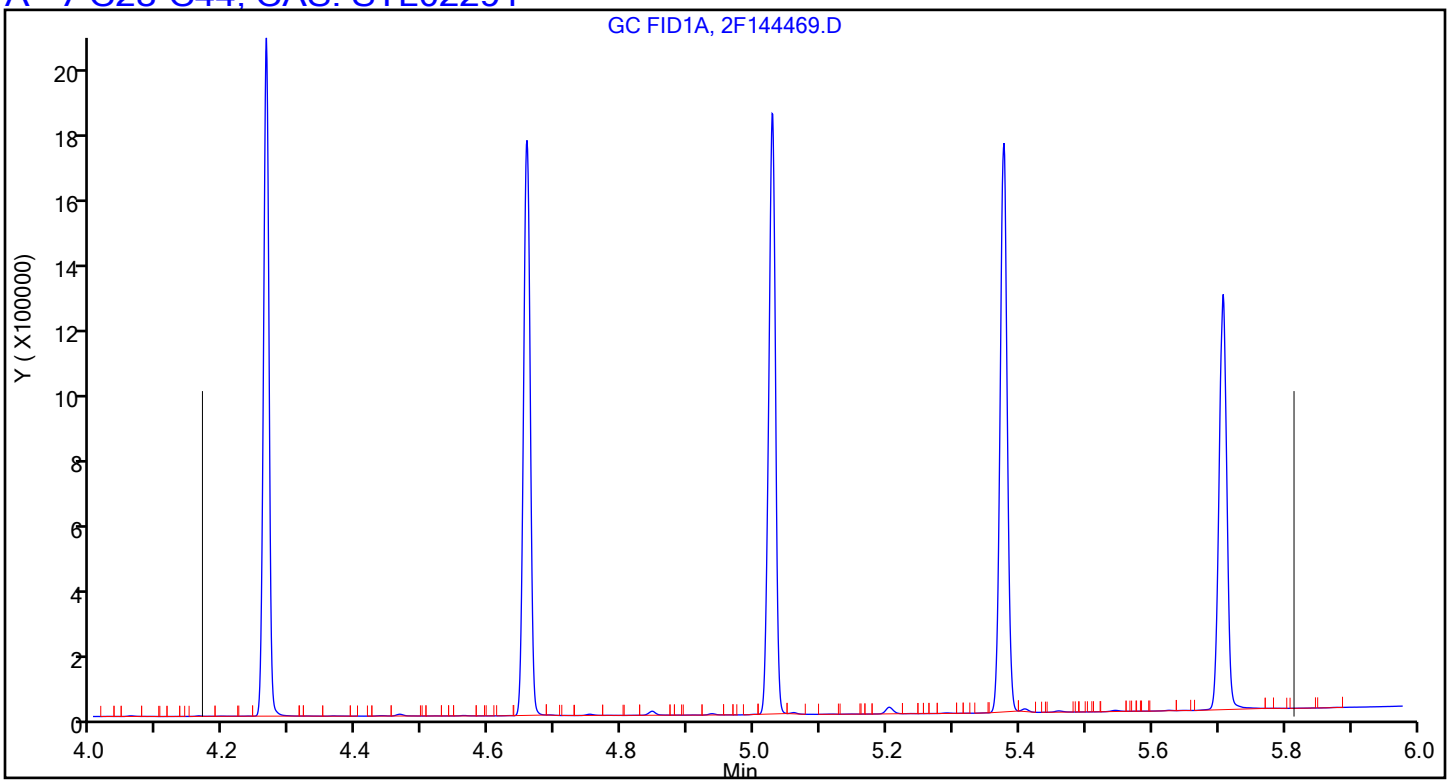
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 7 C28-C44, CAS: STL02291



FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCVRT 460-839919/2 Calibration Date: 04/19/2022 07:17

Instrument ID: CBNAGC2 Calib Start Date: 01/23/2022 08:55

GC Column: Rtx-Mineral Oil ID: 0.32(mm) Calib End Date: 01/23/2022 09:46

Lab File ID: 2F146255.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10-C28]	Ave	10049	9008		645	720	-10.4	20.0
C10-C44	Ave	11001	8896		841	1040	-19.1	20.0
C28-C44	Ave	12866	9313		290	400	-27.6*	20.0
o-Terphenyl	Ave	11417	11709		41.0	40.0	2.6	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCVRT 460-839919/2 Calibration Date: 04/19/2022 07:17

Instrument ID: CBNAGC2 Calib Start Date: 01/23/2022 08:55

GC Column: Rtx-Mineral Oil ID: 0.32(mm) Calib End Date: 01/23/2022 09:46

Lab File ID: 2F146255.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10-C28]	2.71	1.06	4.36
C10-C44	3.30	1.06	5.53
C28-C44	4.84	4.16	5.53
o-Terphenyl	3.12	3.07	3.17

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146255.D
Lims ID: CCVRT
Client ID:
Sample Type: CCVRT
Inject. Date: 19-Apr-2022 07:17:40 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144204-002
Operator ID: Instrument ID: CBNAGC2
Sublist: chrom-DRO2F*sub6

Method: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\DRO2F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 19-Apr-2022 12:43:20 Calib Date: 23-Jan-2022 09:46:18
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1655

First Level Reviewer: asfawa Date: 19-Apr-2022 07:33:44

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.161	1.161	0.000	549619	80.0	63.3	
A	3 C10-C28						Ma
	2.708	(1.061-4.355)		6485793	720.0	645.4	M
$	4 o-Terphenyl						
	3.122	3.122	0.000	468345	40.0	41.0	
A	5 C10-C44						Ma
	3.295	(1.061-5.529)		9251412	1040.0	841.0	M
	6 n-Octacosane						Ma
	4.255	4.255	0.000	951865	80.0	81.2	M
A	7 C28-C44						Ma
	4.842	(4.155-5.529)		3725274	400.0	289.5	M
	8 Tetratetracontane						Ma
	5.429	5.429	0.000	822261	80.0	63.9	M

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SGOROL3_00003 Amount Added: 1.00 Units: mL

Report Date: 19-Apr-2022 12:43:21 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146255.D

Injection Date: 19-Apr-2022 07:17:40 Instrument ID: CBNAGC2

Lims ID: CCVRT

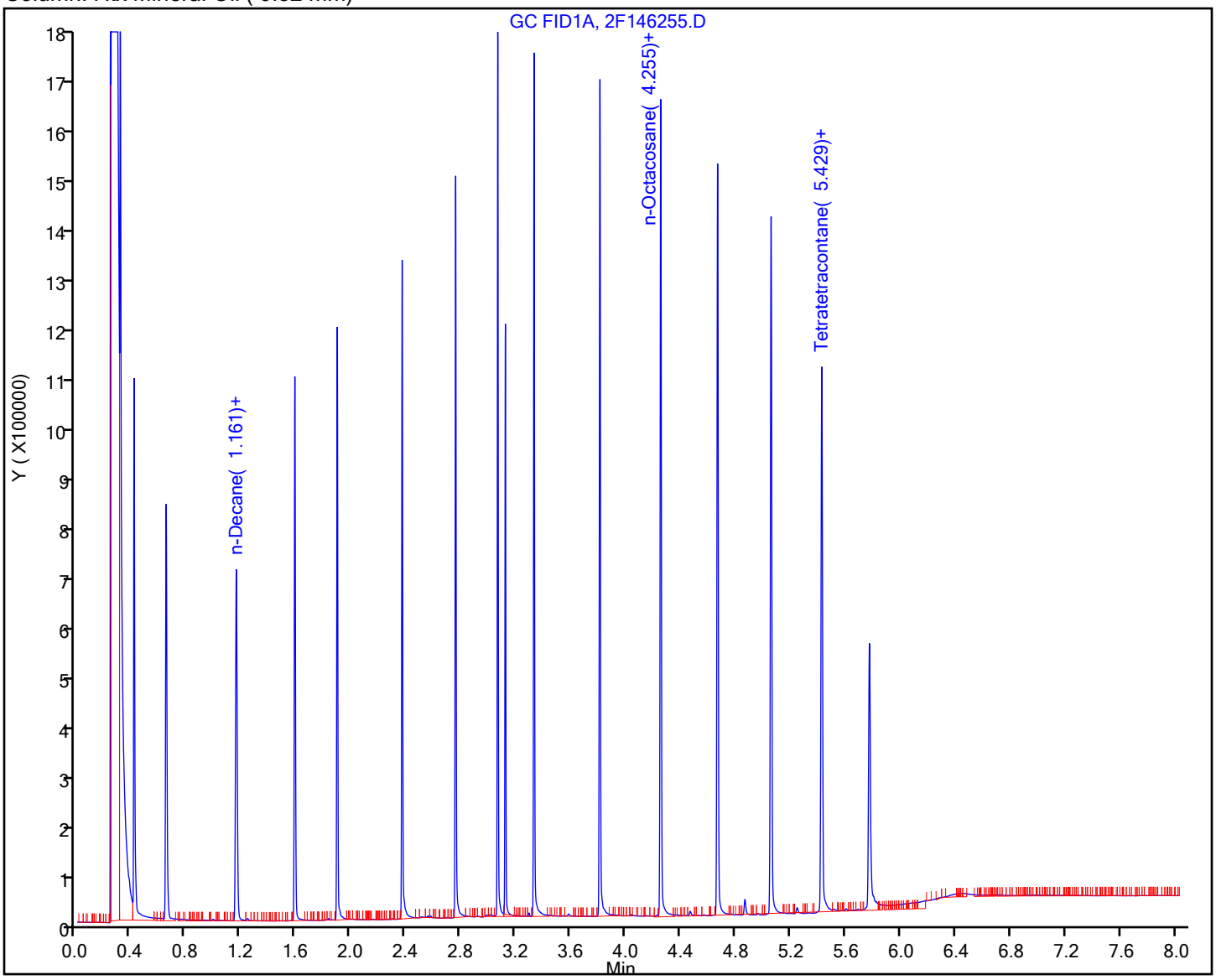
Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Report Date: 19-Apr-2022 12:43:21 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146255.D

Injection Date: 19-Apr-2022 07:17:40 Instrument ID: CBNAGC2

Lims ID: CCVRT

Client ID:

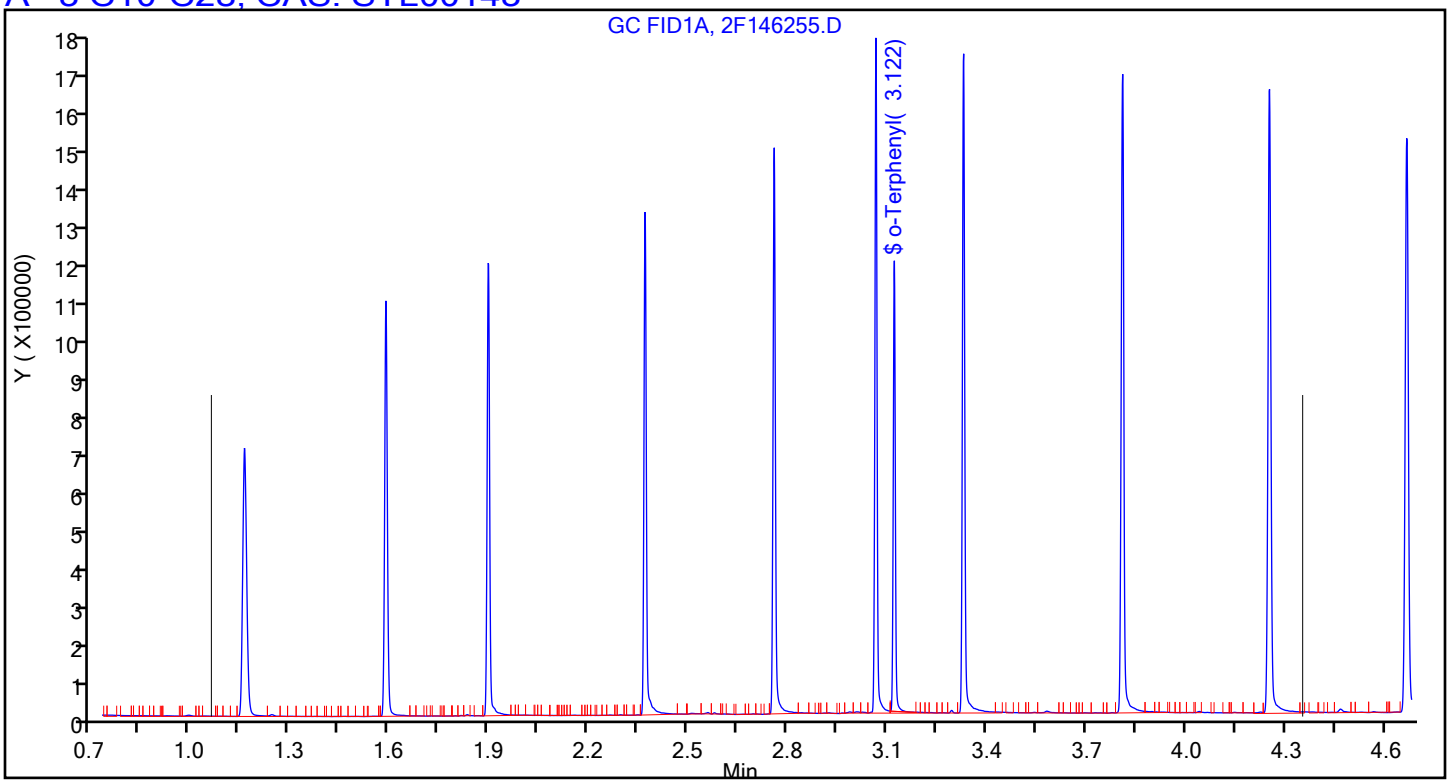
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 3 C10-C28, CAS: STL00143



Report Date: 19-Apr-2022 12:43:21 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146255.D

Injection Date: 19-Apr-2022 07:17:40 Instrument ID: CBNAGC2

Lims ID: CCVRT

Client ID:

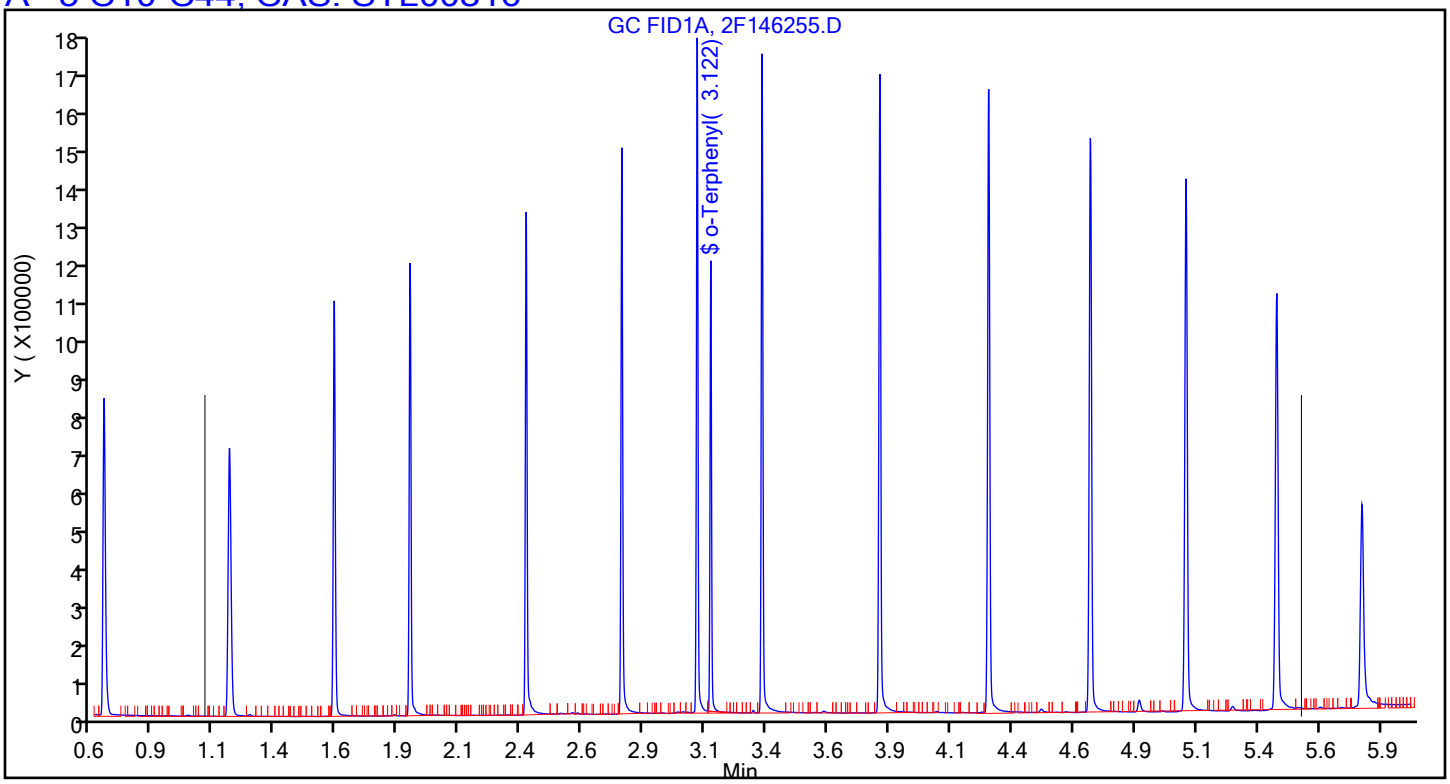
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 5 C10-C44, CAS: STL00816



Report Date: 19-Apr-2022 12:43:21 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146255.D

Injection Date: 19-Apr-2022 07:17:40 Instrument ID: CBNAGC2

Lims ID: CCVRT

Client ID:

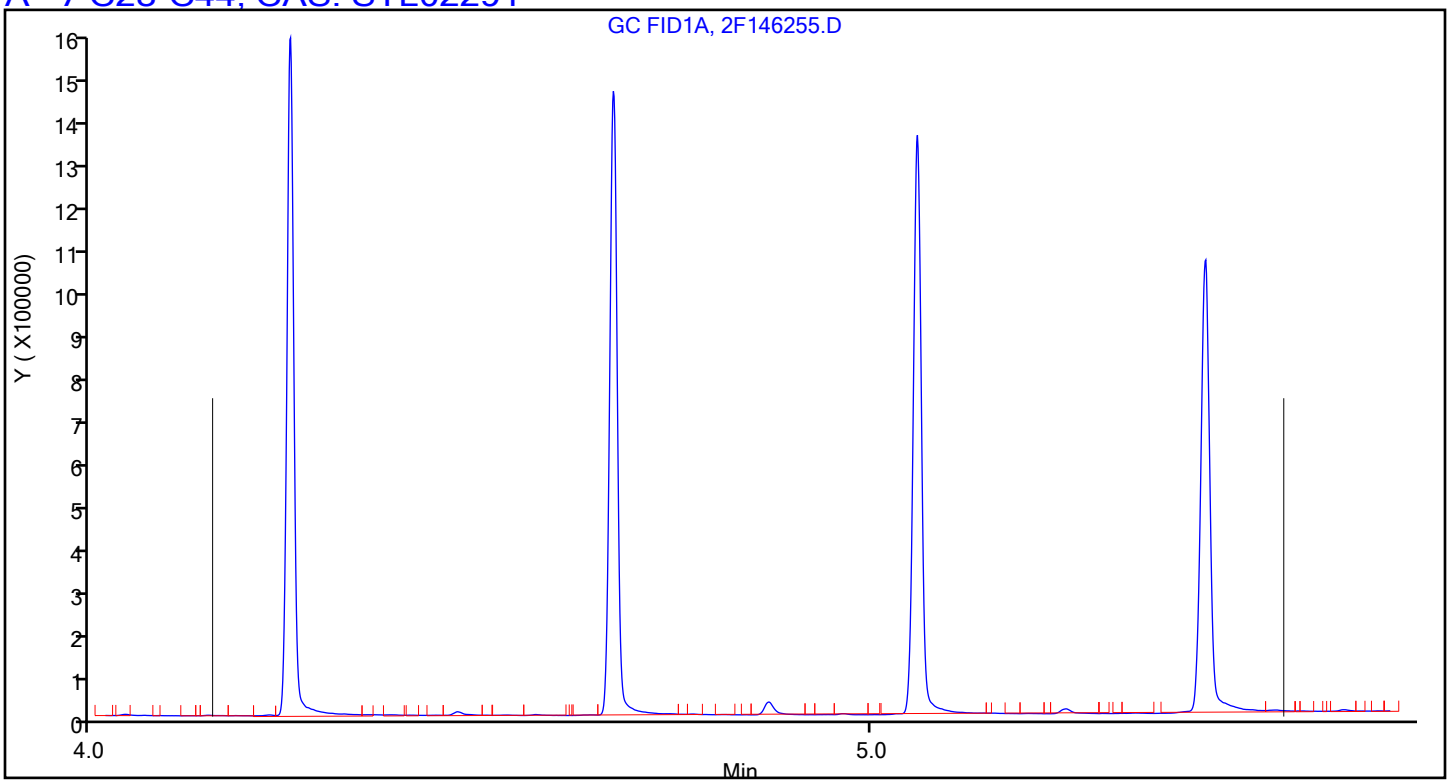
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 7 C28-C44, CAS: STL02291



Manual Integration/User Assign Peak Report

Eurofins Edison

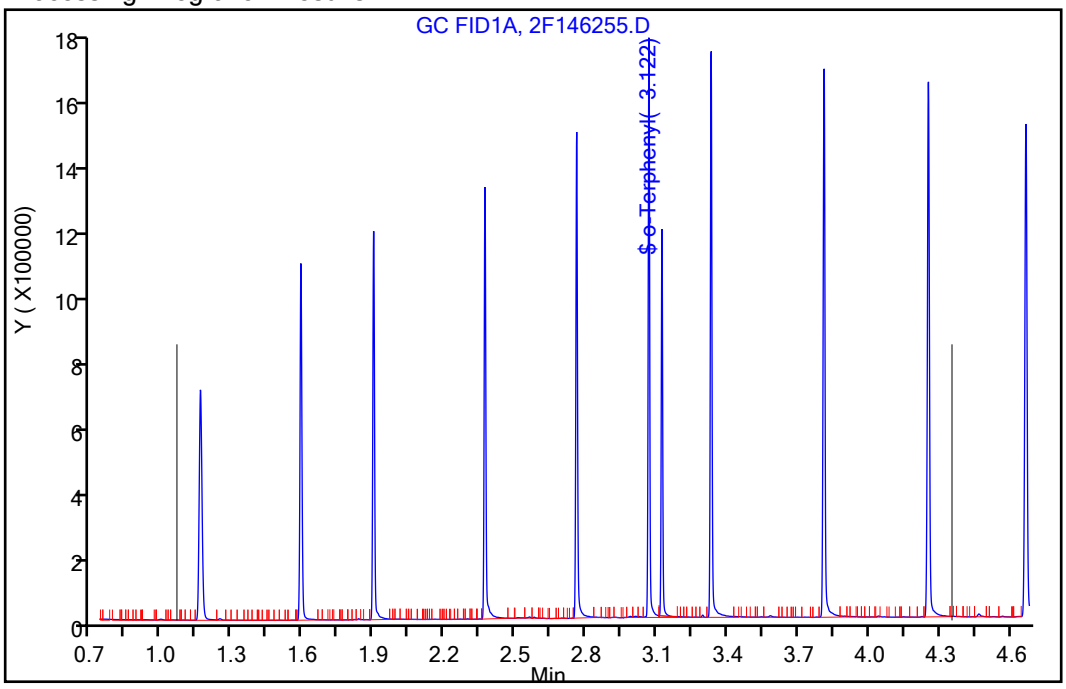
Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146255.D
Injection Date: 19-Apr-2022 07:17:40 Instrument ID: CBNAGC2
Lims ID: CCVRT
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO2F Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 3 C10-C28, RT: 2.708, CAS: STL00143

Signal: 1

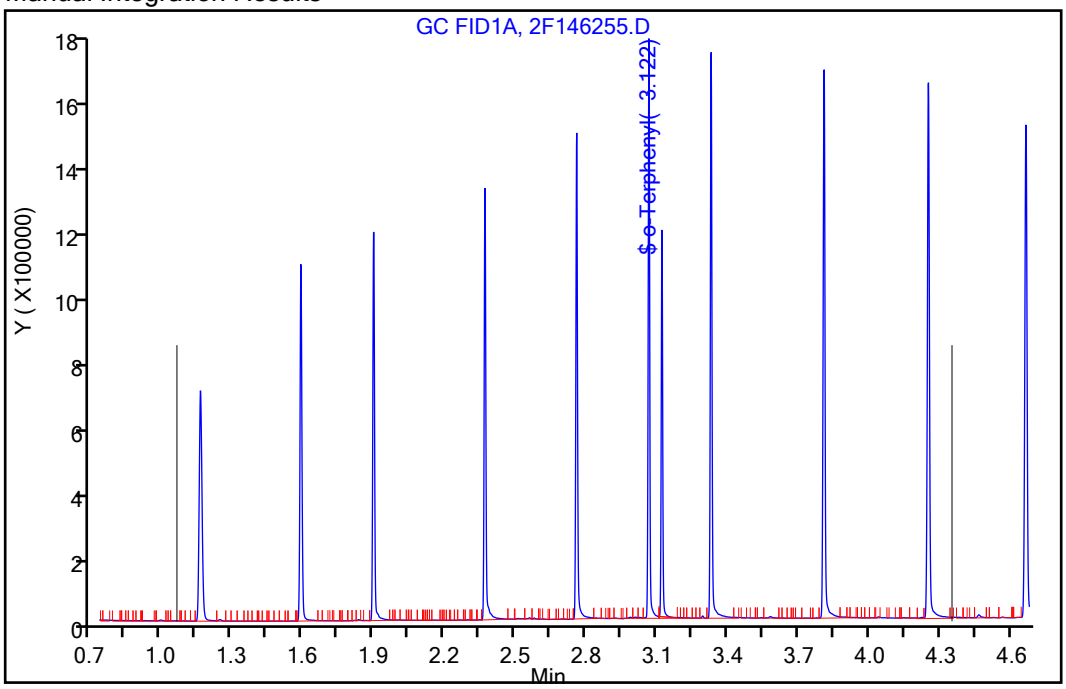
Processing Integration Results

RT: 2.76
Response: 6468413
Amount: 643.6948



Manual Integration Results

RT: 2.71
Response: 6485793
Amount: 645.4243



Reviewer: asfawa, 19-Apr-2022 10:31:18
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

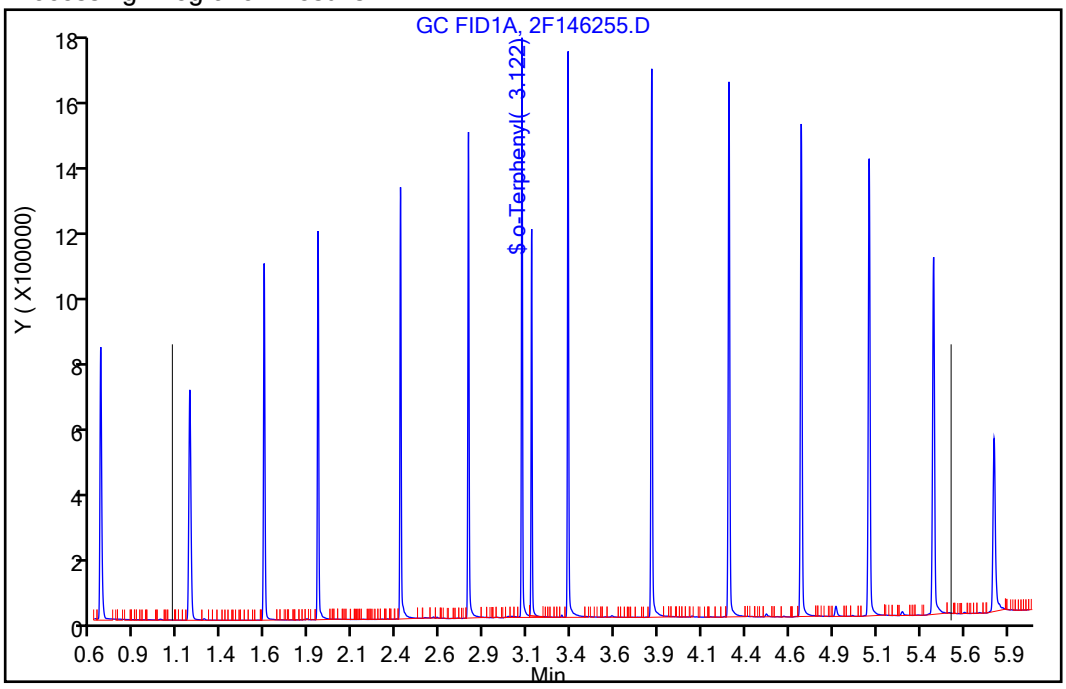
Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146255.D
Injection Date: 19-Apr-2022 07:17:40 Instrument ID: CBNAGC2
Lims ID: CCVRT
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO2F Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 5 C10-C44, RT: 3.295, CAS: STL00816

Signal: 1

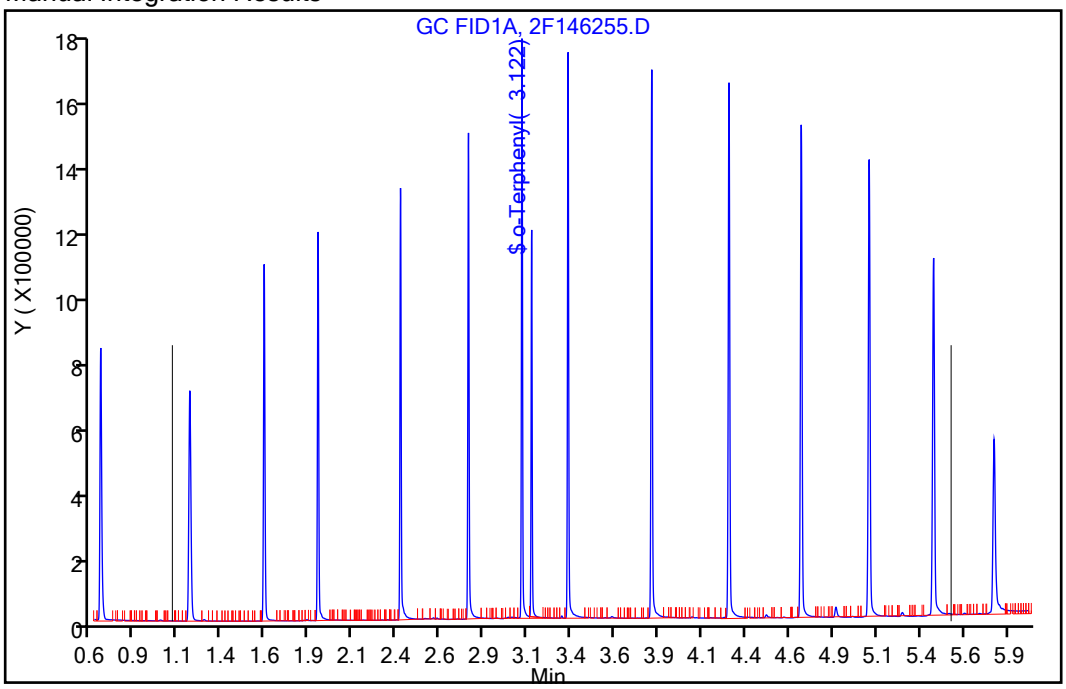
Processing Integration Results

RT: 3.42
Response: 9231662
Amount: 839.1798



Manual Integration Results

RT: 3.29
Response: 9251412
Amount: 840.9752



Reviewer: asfawa, 19-Apr-2022 10:31:18
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

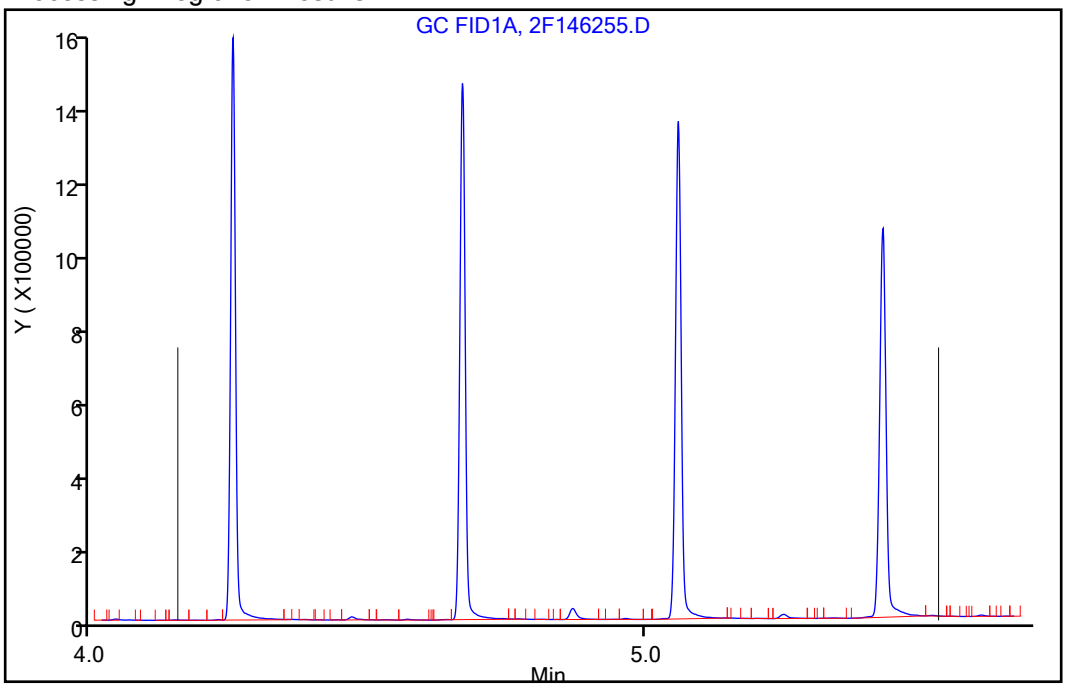
Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146255.D
Injection Date: 19-Apr-2022 07:17:40 Instrument ID: CBNAGC2
Lims ID: CCVRT
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO2F Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 7 C28-C44, RT: 4.842, CAS: STL02291

Signal: 1

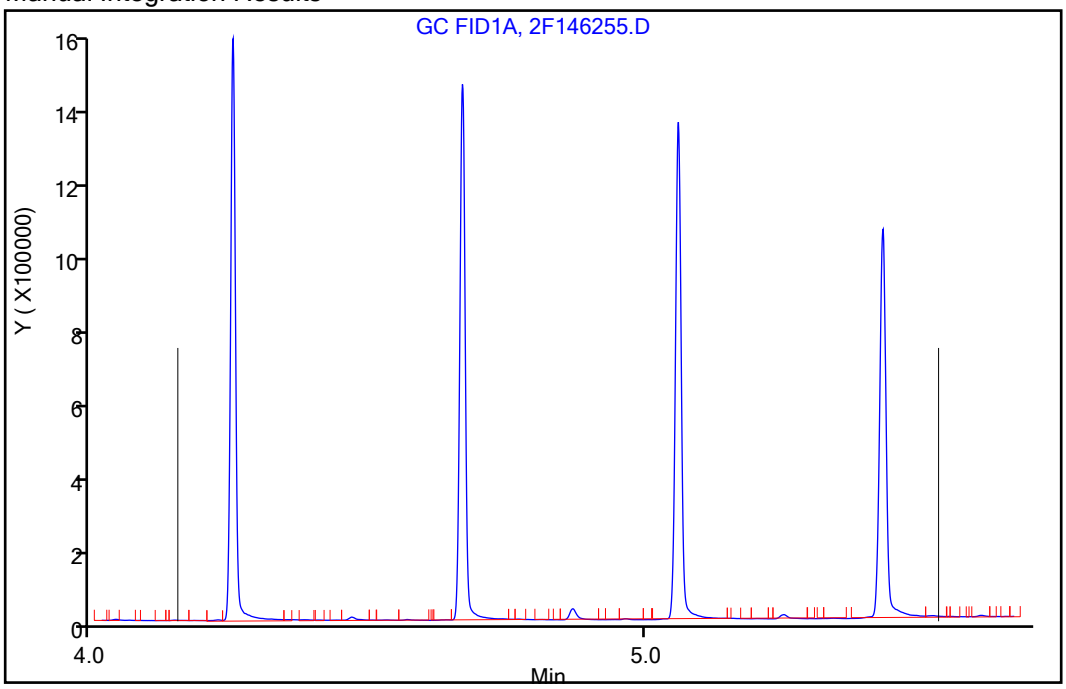
Processing Integration Results

RT: 5.01
Response: 3703192
Amount: 287.8255



Manual Integration Results

RT: 4.84
Response: 3725274
Amount: 289.5418



Reviewer: asfawa, 19-Apr-2022 10:31:18
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCV 460-839919/29 Calibration Date: 04/19/2022 13:05

Instrument ID: CBNAGC2 Calib Start Date: 01/23/2022 08:55

GC Column: Rtx-Mineral Oil ID: 0.32(mm) Calib End Date: 01/23/2022 09:46

Lab File ID: 2F146282.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10-C28]	Ave	10049	10046		720	720	-0.0	20.0
C10-C44	Ave	11001	10051		950	1040	-8.6	20.0
C28-C44	Ave	12866	10546		328	400	-18.0	20.0
o-Terphenyl	Ave	11417	12753		44.7	40.0	11.7	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCV 460-839919/29 Calibration Date: 04/19/2022 13:05

Instrument ID: CBNAGC2 Calib Start Date: 01/23/2022 08:55

GC Column: Rtx-Mineral Oil ID: 0.32(mm) Calib End Date: 01/23/2022 09:46

Lab File ID: 2F146282.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10-C28]	2.71	1.06	4.36
C10-C44	3.30	1.06	5.53
C28-C44	4.84	4.16	5.53
o-Terphenyl	3.12	3.07	3.17

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146282.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 19-Apr-2022 13:05:42 ALS Bottle#: 29 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144204-029
Operator ID: Instrument ID: CBNAGC2
Sublist: chrom-DRO2F*sub6

Method: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\DRO2F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 19-Apr-2022 13:18:14 Calib Date: 23-Jan-2022 09:46:18
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1655

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.165	1.161	0.004	645392	80.0	74.3	
A	3 C10-C28						
	2.708	(1.061-4.355)		7233035	720.0	719.8	
$	4 o-Terphenyl						
	3.120	3.122	-0.002	510111	40.0	44.7	
A	5 C10-C44						
	3.295	(1.061-5.529)		10452605	1040.0	950.2	
	6 n-Octacosane						
	4.225	4.255	-0.030	996553	80.0	85.1	
A	7 C28-C44						
	4.842	(4.155-5.529)		4218496	400.0	327.9	
	8 Tetratetracontane						
	5.403	5.429	-0.026	4549	80.0	0.3537	

Reagents:

SGOROL3_00003 Amount Added: 1.00 Units: mL

Report Date: 19-Apr-2022 13:18:14 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146282.D

Injection Date: 19-Apr-2022 13:05:42 Instrument ID: CBNAGC2

Lims ID: CCV

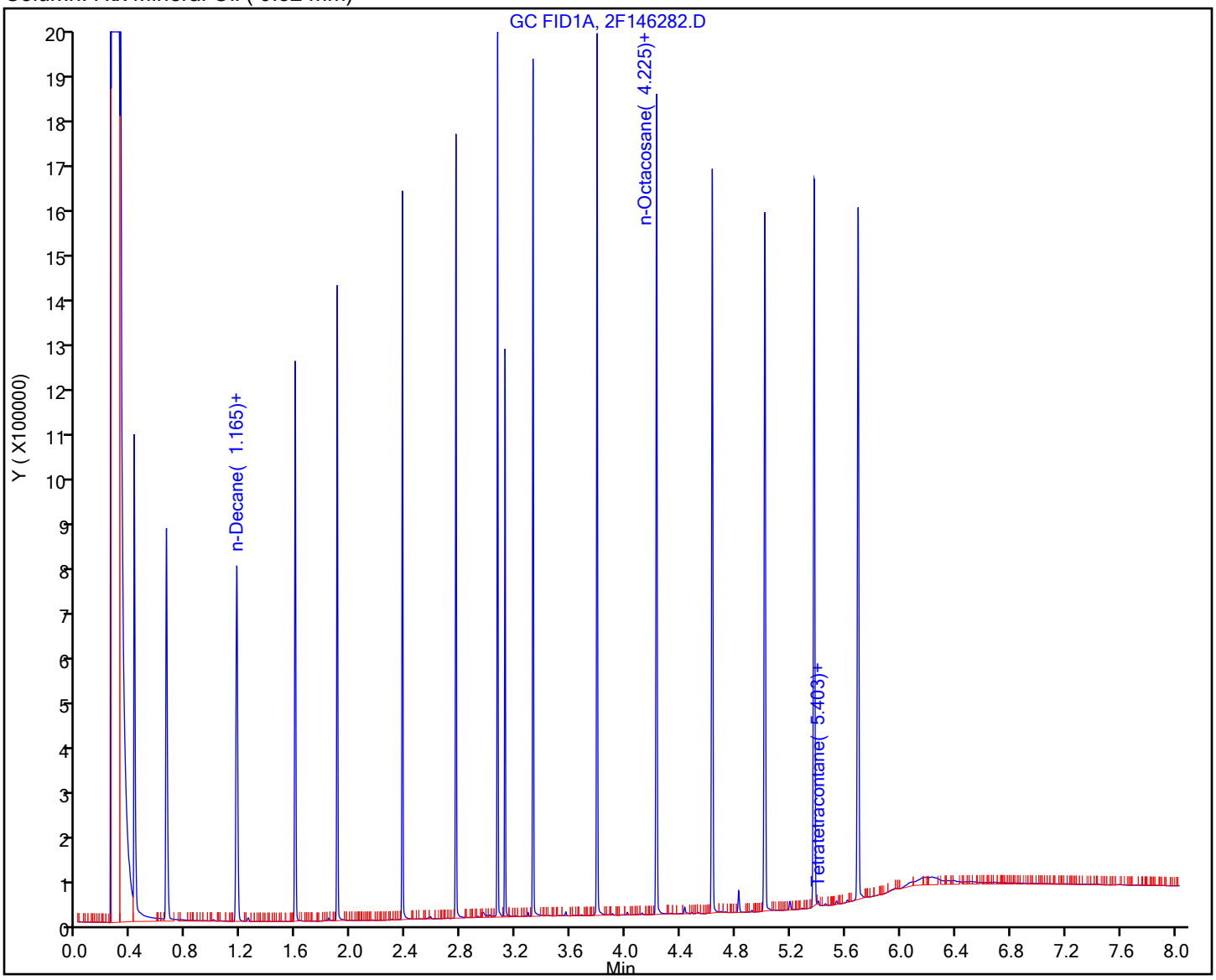
Client ID:

Operator ID: ALS Bottle#: 29 Worklist Smp#: 29

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

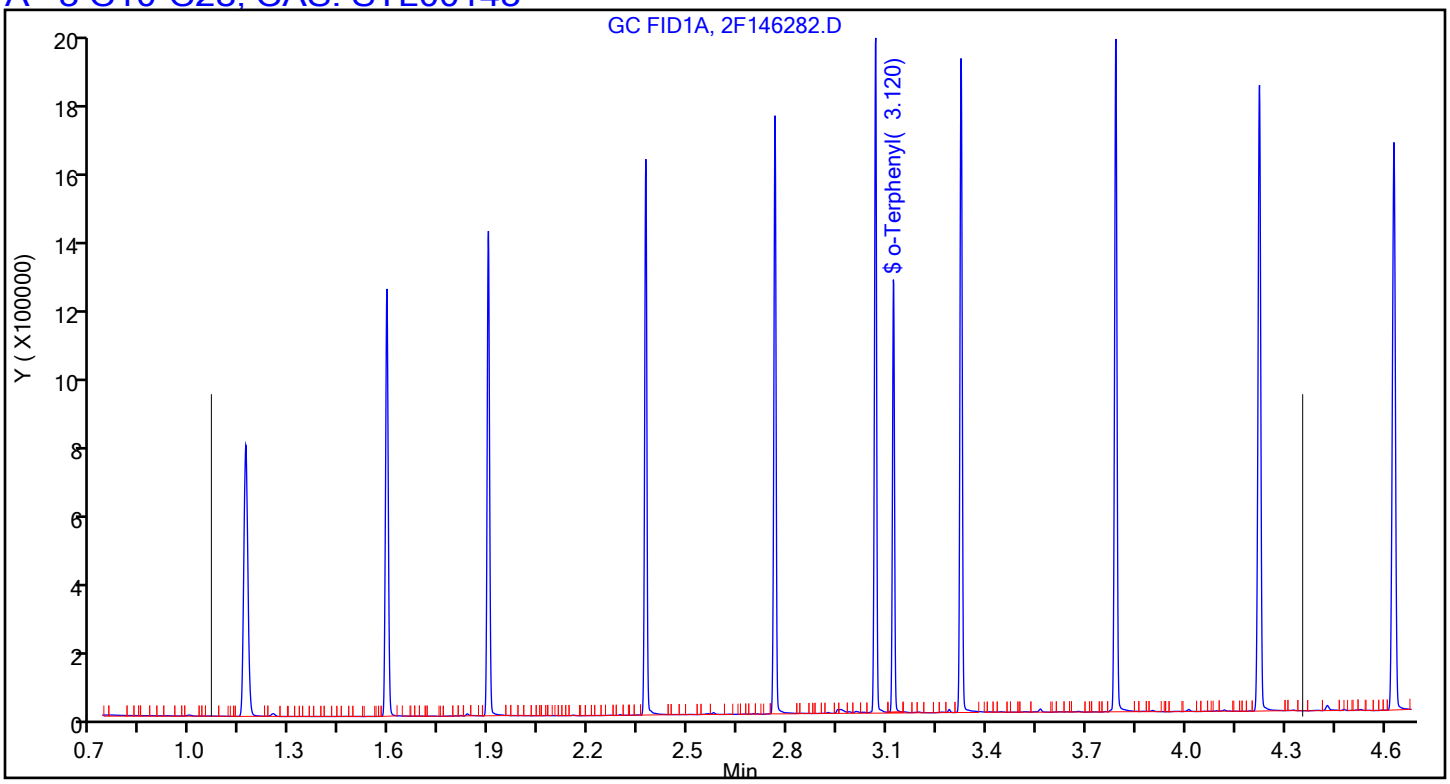


Report Date: 19-Apr-2022 13:18:14 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146282.D
Injection Date: 19-Apr-2022 13:05:42 Instrument ID: CBNAGC2
Lims ID: CCV
Client ID:
Operator ID: ALS Bottle#: 29 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO2F Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 3 C10-C28, CAS: STL00143



Report Date: 19-Apr-2022 13:18:14 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146282.D

Injection Date: 19-Apr-2022 13:05:42 Instrument ID: CBNAGC2

Lims ID: CCV

Client ID:

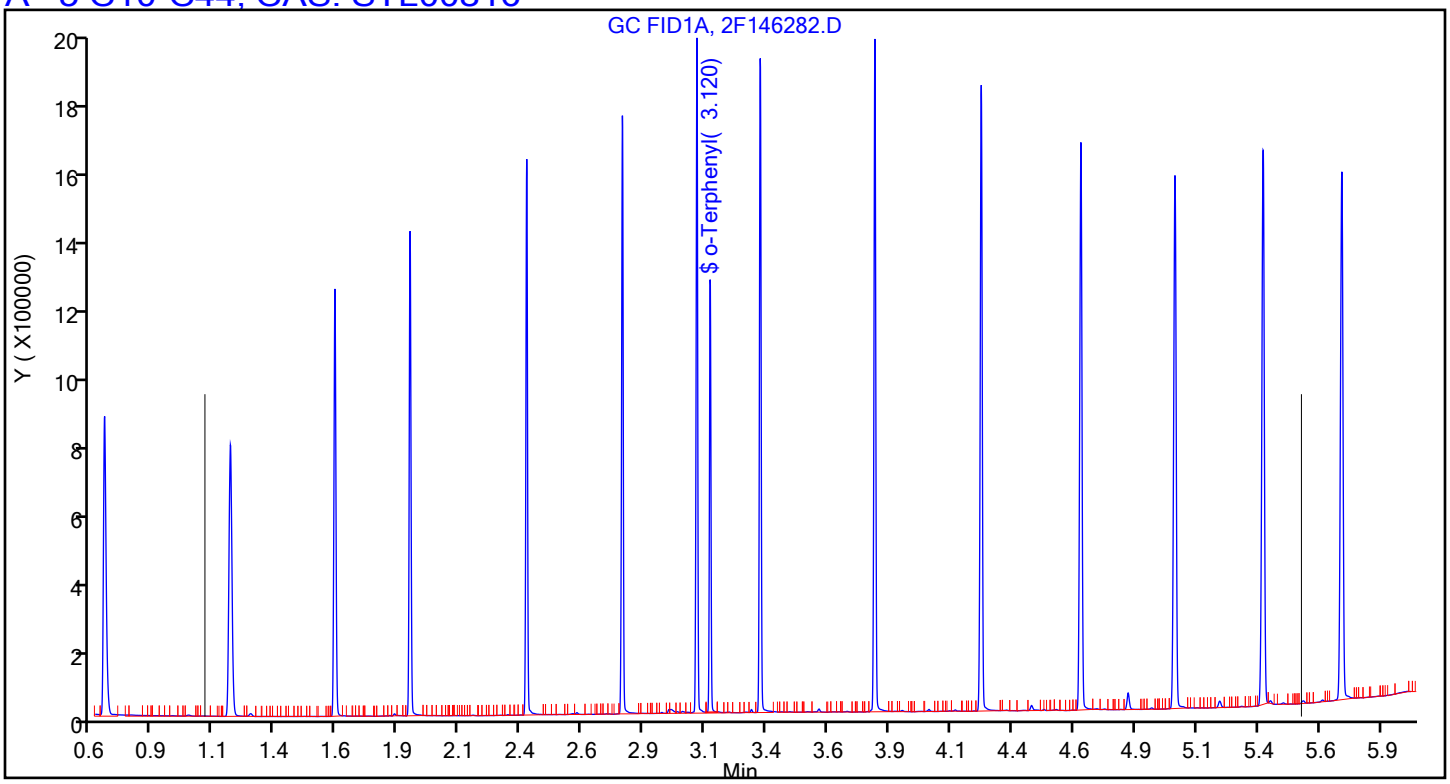
Operator ID: ALS Bottle#: 29 Worklist Smp#: 29

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 5 C10-C44, CAS: STL00816



Report Date: 19-Apr-2022 13:18:14 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146282.D

Injection Date: 19-Apr-2022 13:05:42 Instrument ID: CBNAGC2

Lims ID: CCV

Client ID:

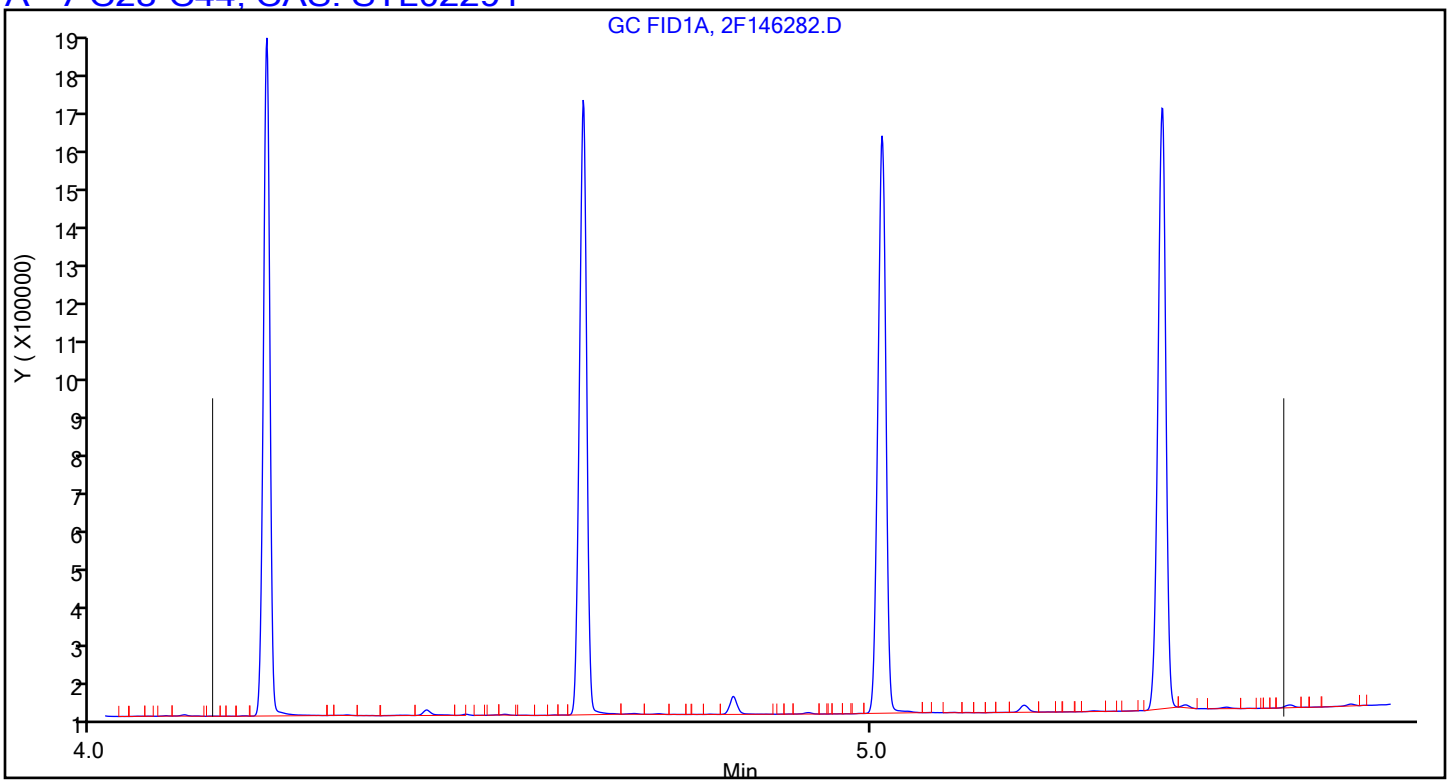
Operator ID: ALS Bottle#: 29 Worklist Smp#: 29

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 7 C28-C44, CAS: STL02291



FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCVRT 460-837799/2 Calibration Date: 04/07/2022 07:31

Instrument ID: CBNAGC3 Calib Start Date: 02/24/2022 10:54

GC Column: Rtx-Mineral Oil ID: 0.32(mm) Calib End Date: 02/24/2022 11:55

Lab File ID: 3R002848.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10-C28]	Ave	16563	16186		704	720	-2.3	20.0
C10-C44	Ave	17856	17678		1030	1040	-1.0	20.0
C28-C44	Ave	20737	20636		398	400	-0.5	20.0
o-Terphenyl	Ave	19942	18834		37.8	40.0	-5.6	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCVRT 460-837799/2 Calibration Date: 04/07/2022 07:31

Instrument ID: CBNAGC3 Calib Start Date: 02/24/2022 10:54

GC Column: Rtx-Mineral Oil ID: 0.32(mm) Calib End Date: 02/24/2022 11:55

Lab File ID: 3R002848.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10-C28]	3.06	1.28	4.83
C10-C44	3.84	1.28	6.41
C28-C44	5.60	4.63	6.56
o-Terphenyl	3.38	3.33	3.43

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002848.D
Lims ID: CCVRT
Client ID:
Sample Type: CCVRT
Inject. Date: 07-Apr-2022 07:31:41 ALS Bottle#: 52 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-002
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-DRO3R*sub3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 07-Apr-2022 11:31:45 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1622

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.375	1.375	0.000	1043591	80.0	73.3	
A	2 C10-C28						
	3.055	(1.275-4.834)		11654039	720.0	703.6	
$	4 o-Terphenyl						
	3.380	3.380	0.000	753365	40.0	37.8	
A	5 C10-C44						
	3.843	(1.275-6.411)		18385301	1040.0	1029.6	
	6 n-Octacosane						
	4.734	4.734	0.000	1490125	80.0	78.0	
A	38 C28-C44						
	5.598	(4.634-6.561)		8254466	400.0	398.1	
	8 Tetratetracontane						
	6.311	6.311	0.000	1700307	80.0	86.2	

Reagents:

SGOROL3_00003 Amount Added: 1.00 Units: mL

Report Date: 07-Apr-2022 11:31:46 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002848.D

Injection Date: 07-Apr-2022 07:31:41 Instrument ID: CBNAGC3

Lims ID: CCVRT

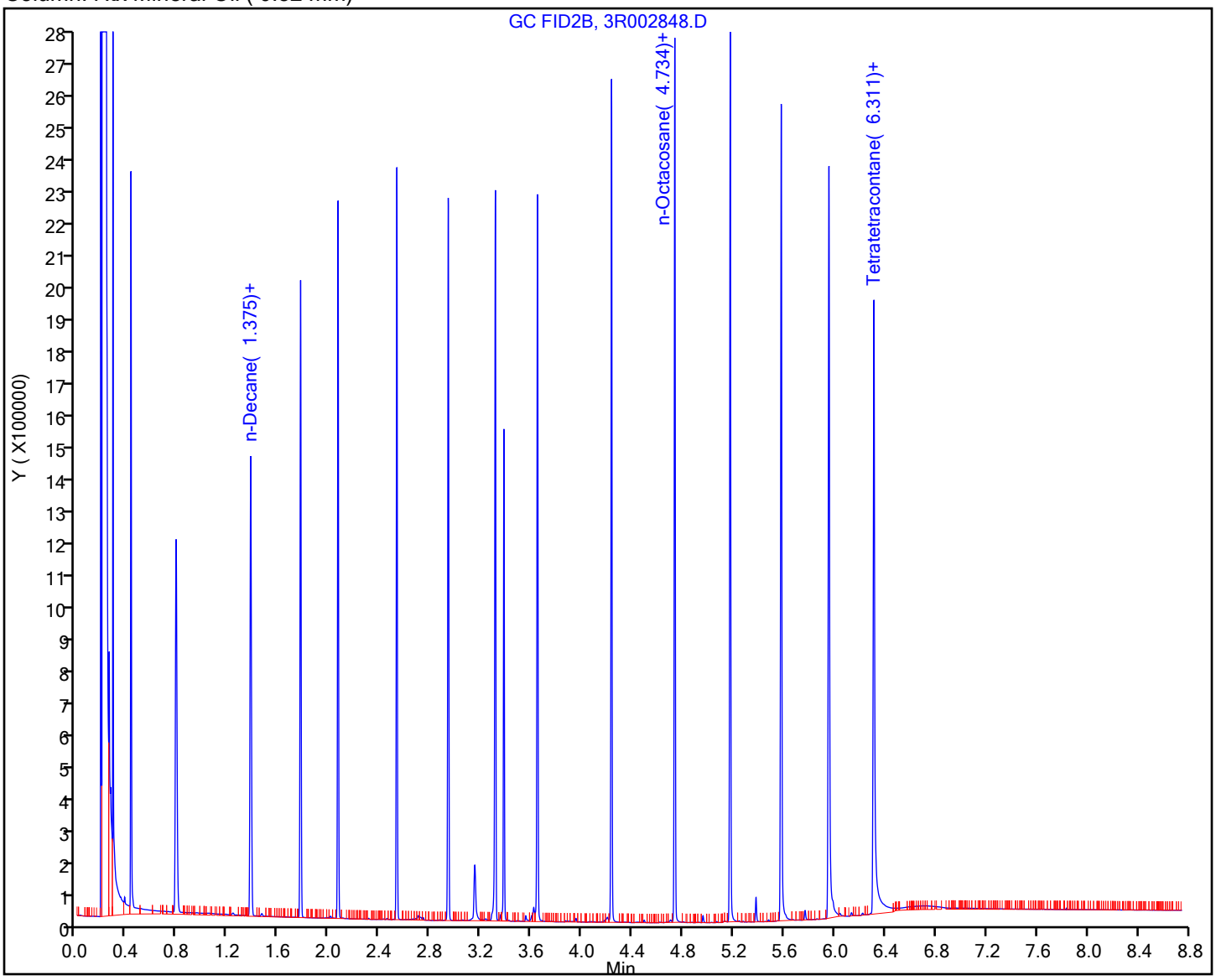
Client ID:

Operator ID: 615 ALS Bottle#: 52 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Report Date: 07-Apr-2022 11:31:46 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002848.D

Injection Date: 07-Apr-2022 07:31:41 Instrument ID: CBNAGC3

Lims ID: CCVRT

Client ID:

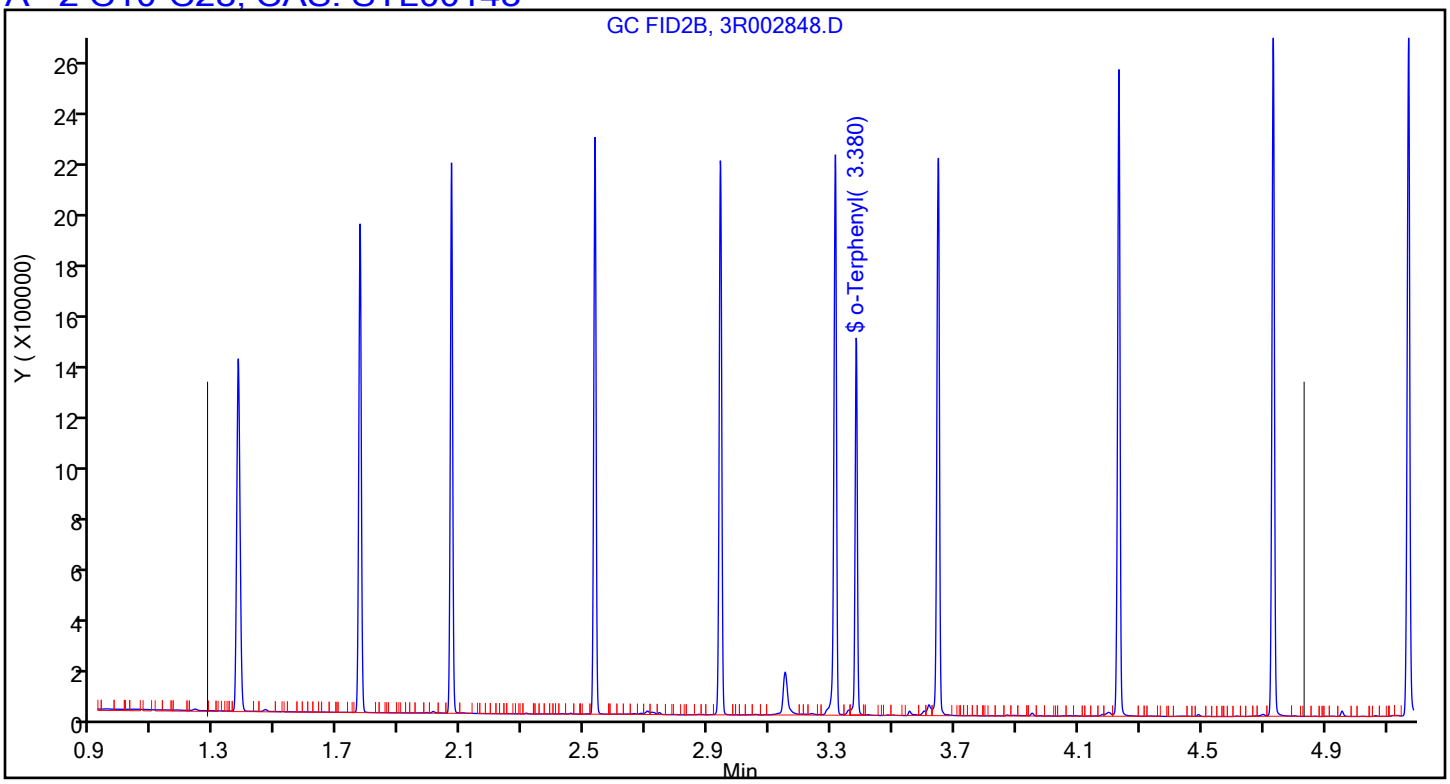
Operator ID: 615 ALS Bottle#: 52 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 2 C10-C28, CAS: STL00143



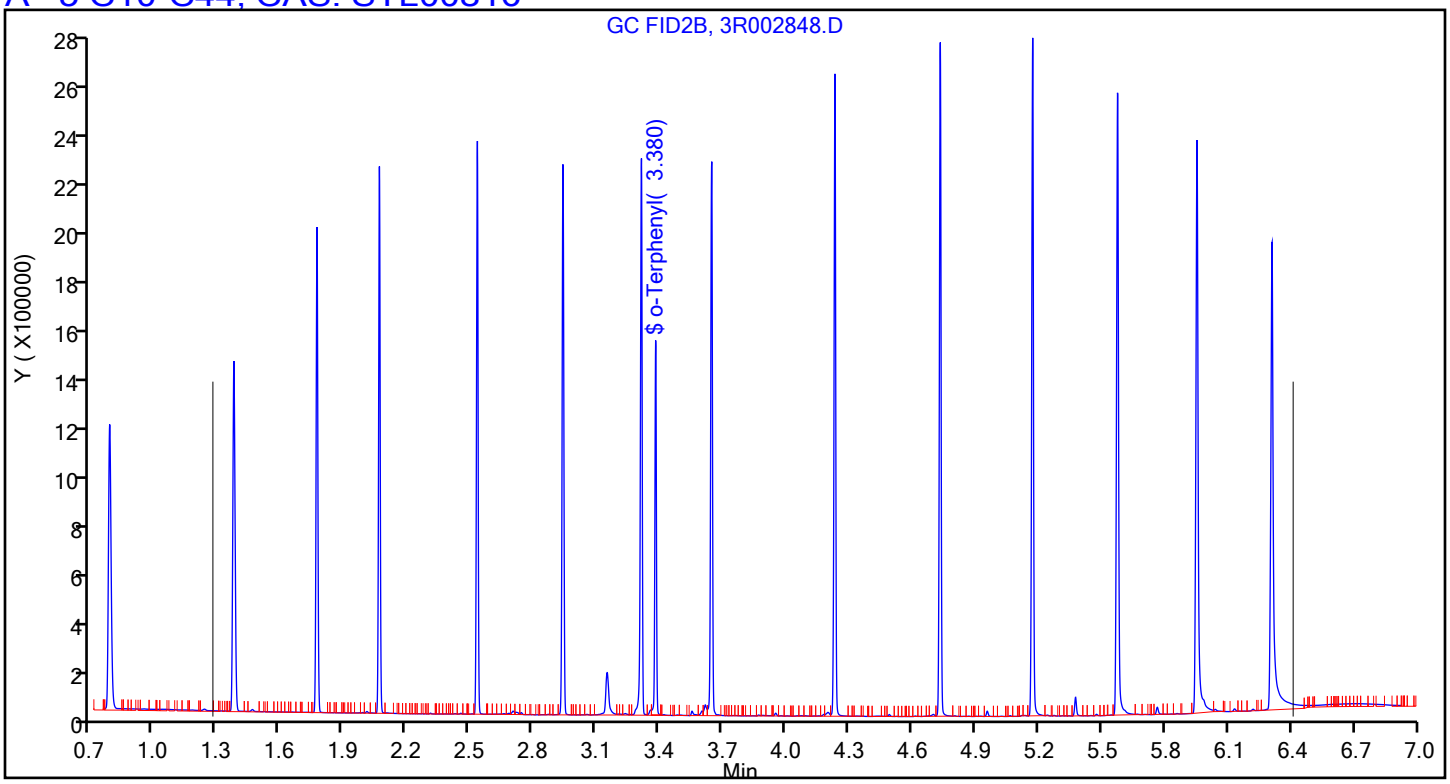
Report Date: 07-Apr-2022 11:31:46 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002848.D

Injection Date:	07-Apr-2022 07:31:41	Instrument ID:	CBNAGC3		
Lims ID:	CCVRT				
Client ID:					
Operator ID:	615	ALS Bottle#:	52	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816



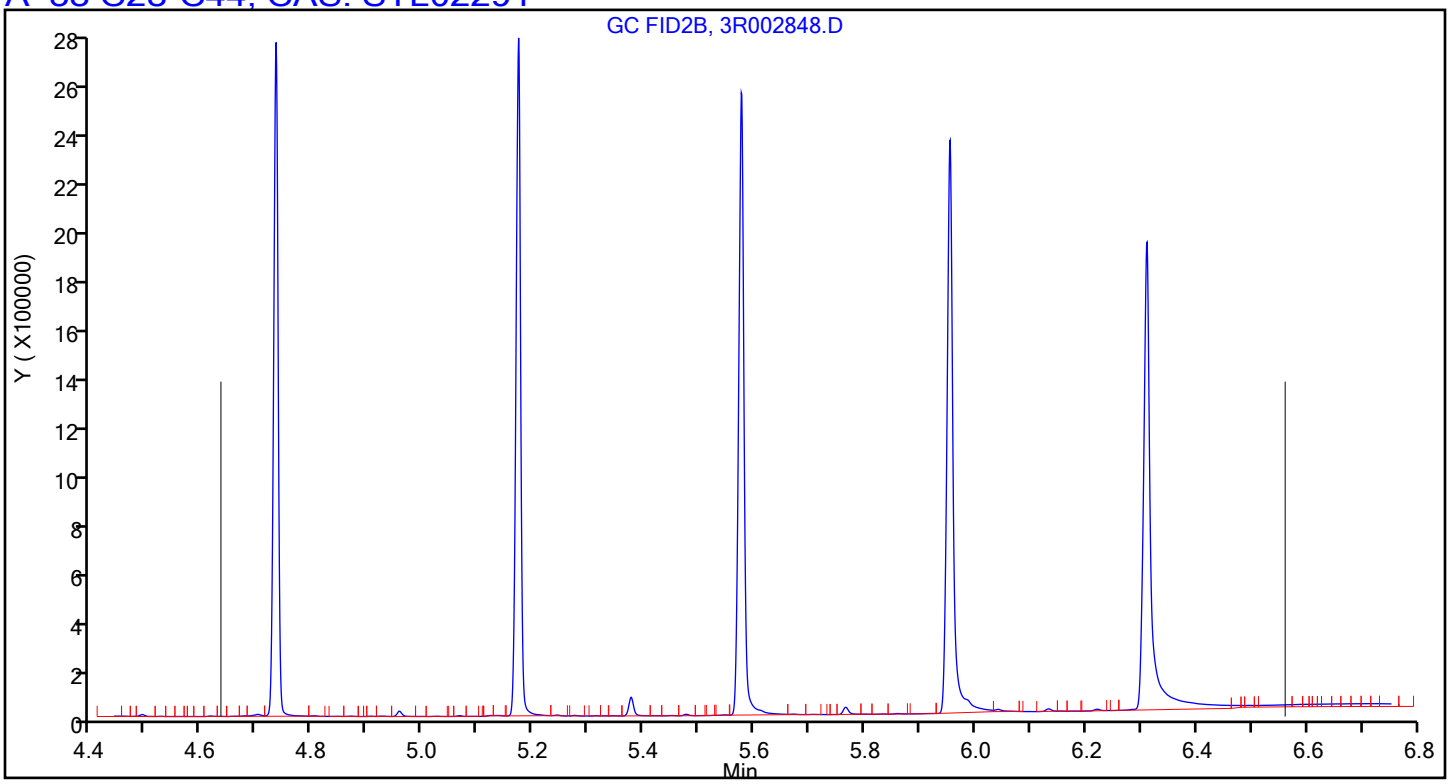
Report Date: 07-Apr-2022 11:31:46 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002848.D

Injection Date:	07-Apr-2022 07:31:41	Instrument ID:	CBNAGC3		
Lims ID:	CCVRT				
Client ID:					
Operator ID:	615	ALS Bottle#:	52	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 38 C28-C44, CAS: STL02291



FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCV 460-837799/21 Calibration Date: 04/07/2022 16:47

Instrument ID: CBNAGC3 Calib Start Date: 02/24/2022 10:54

GC Column: Rtx-Mineral Oil ID: 0.32(mm) Calib End Date: 02/24/2022 11:55

Lab File ID: 3R002867.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10-C28]	Ave	16563	15729		684	720	-5.0	20.0
C10-C44	Ave	17856	16843		981	1040	-5.7	20.0
C28-C44	Ave	20737	19135		369	400	-7.7	20.0
o-Terphenyl	Ave	19942	19105		38.3	40.0	-4.2	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCV 460-837799/21 Calibration Date: 04/07/2022 16:47

Instrument ID: CBNAGC3 Calib Start Date: 02/24/2022 10:54

GC Column: Rtx-Mineral Oil ID: 0.32(mm) Calib End Date: 02/24/2022 11:55

Lab File ID: 3R002867.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10-C28]	3.06	1.28	4.83
C10-C44	3.84	1.28	6.41
C28-C44	5.60	4.63	6.56
o-Terphenyl	3.38	3.33	3.43

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002867.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 07-Apr-2022 16:47:31 ALS Bottle#: 71 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-021
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-DRO3R*sub3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:50 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.379	1.375	0.004	1008008	80.0	70.8	
A	2 C10-C28						
	3.055	(1.275-4.834)		11324736	720.0	683.7	
$	4 o-Terphenyl						
	3.377	3.380	-0.003	764203	40.0	38.3	
A	5 C10-C44						
	3.843	(1.275-6.411)		17516939	1040.0	981.0	
	6 n-Octacosane						
	4.729	4.734	-0.005	1447104	80.0	75.7	
A	38 C28-C44						
	5.598	(4.634-6.561)		7653872	400.0	369.1	
	8 Tetratetracontane						
	6.284	6.311	-0.027	1538044	80.0	77.9	

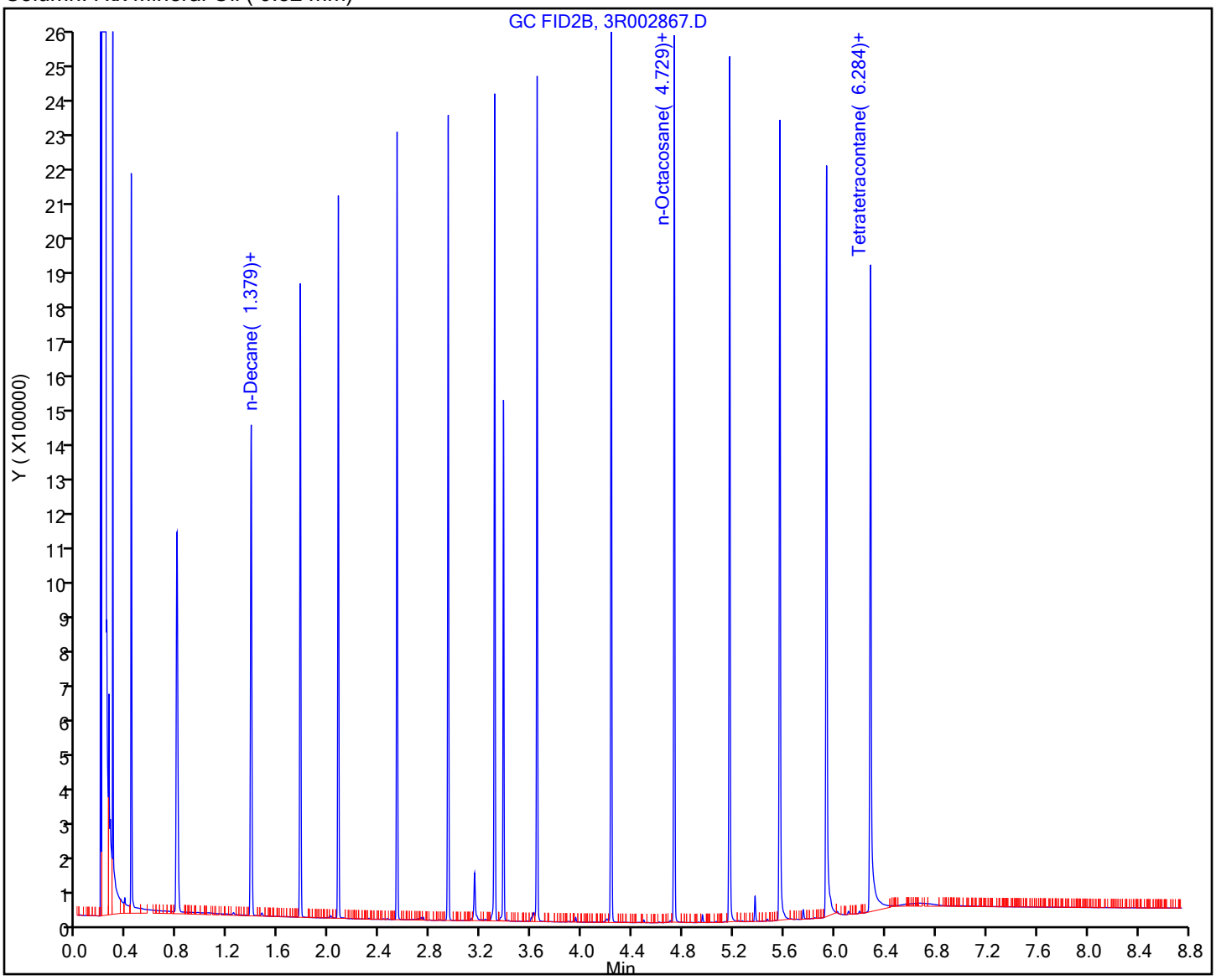
Reagents:

SGOROL3_00003 Amount Added: 1.00 Units: mL

Report Date: 08-Apr-2022 10:40:51 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002867.D
Injection Date: 07-Apr-2022 16:47:31 Instrument ID: CBNAGC3
Lims ID: CCV
Client ID:
Operator ID: 615 ALS Bottle#: 71 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO3R Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm)

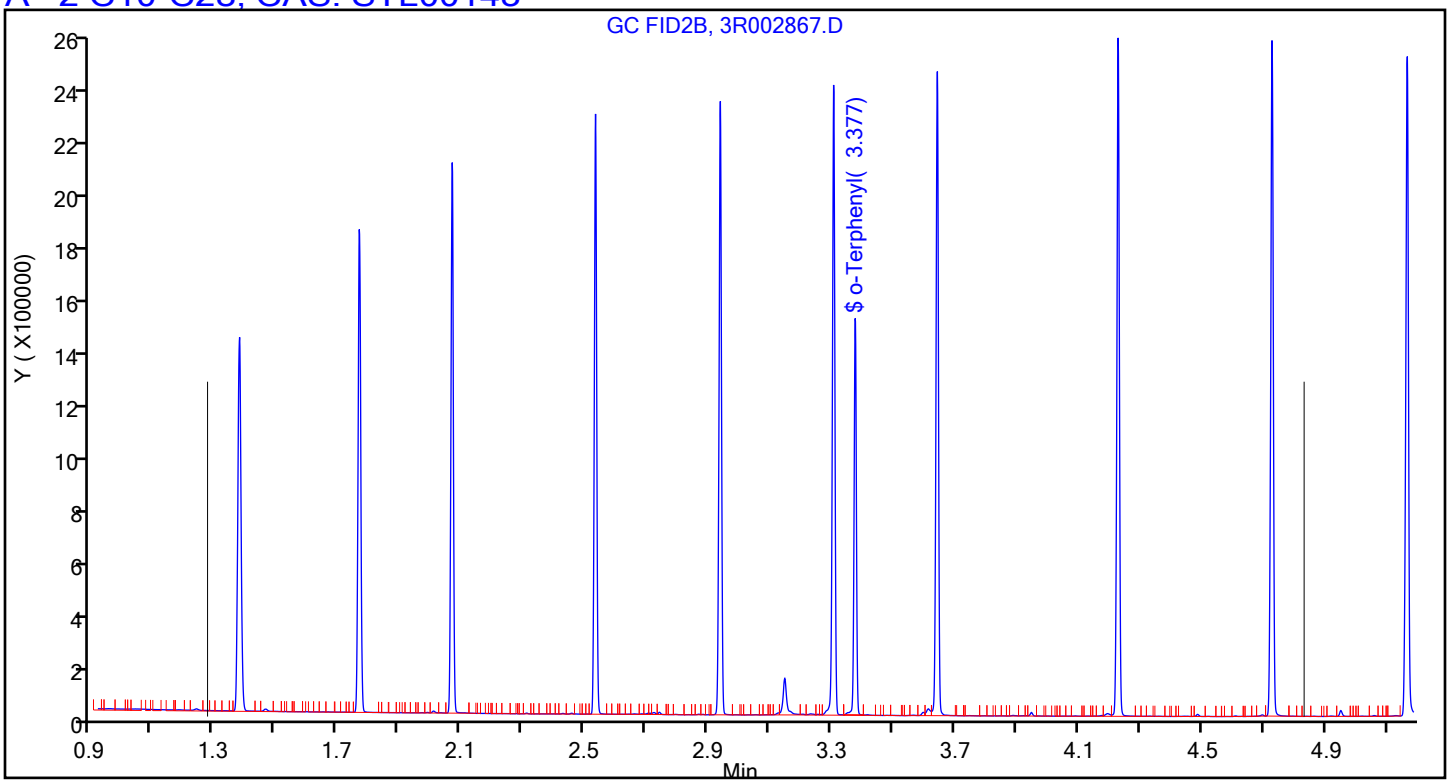


Report Date: 08-Apr-2022 10:40:51 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002867.D
Injection Date: 07-Apr-2022 16:47:31 Instrument ID: CBNAGC3
Lims ID: CCV
Client ID:
Operator ID: 615 ALS Bottle#: 71 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO3R Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 2 C10-C28, CAS: STL00143

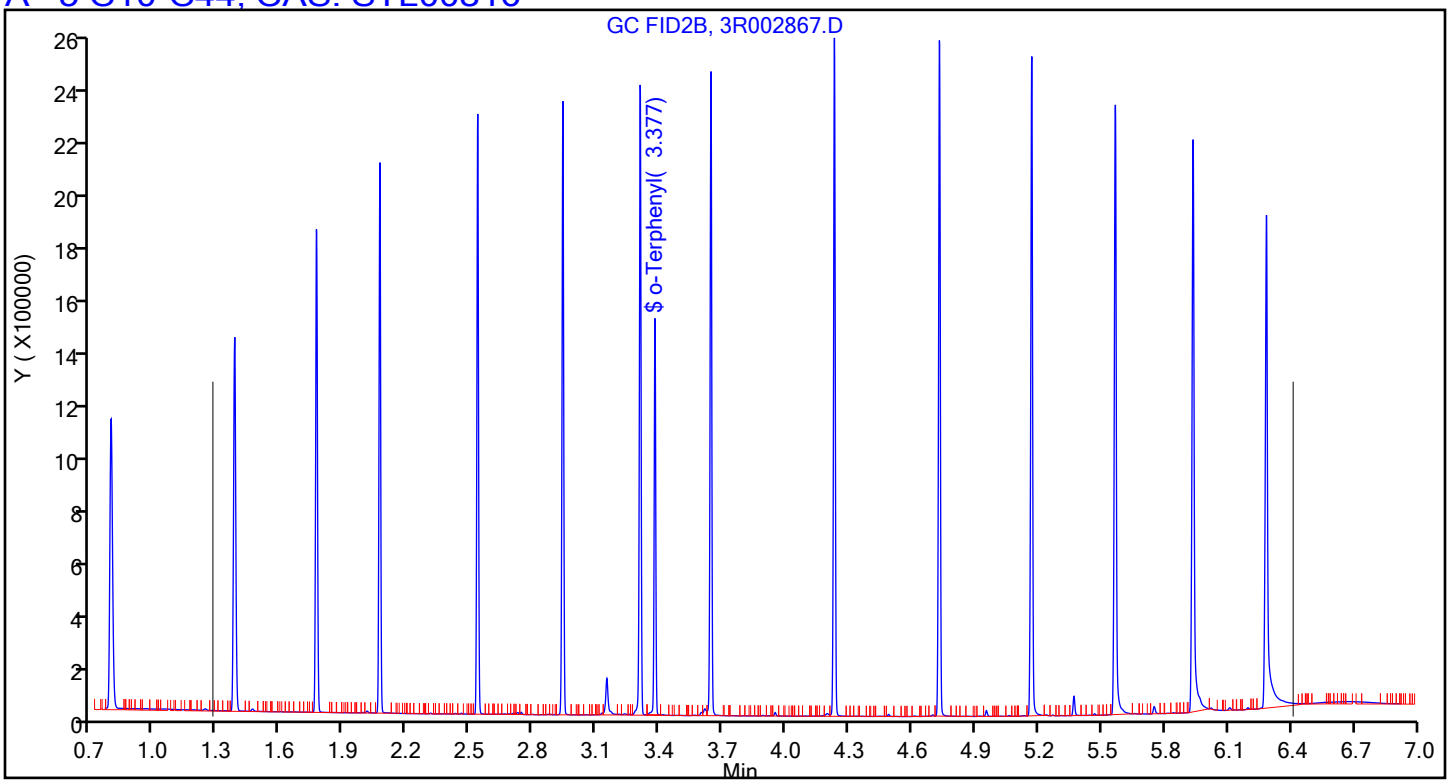


Report Date: 08-Apr-2022 10:40:51 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002867.D
Injection Date: 07-Apr-2022 16:47:31 Instrument ID: CBNAGC3
Lims ID: CCV
Client ID:
Operator ID: 615 ALS Bottle#: 71 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO3R Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 5 C10-C44, CAS: STL00816



Report Date: 08-Apr-2022 10:40:51 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002867.D

Injection Date: 07-Apr-2022 16:47:31 Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

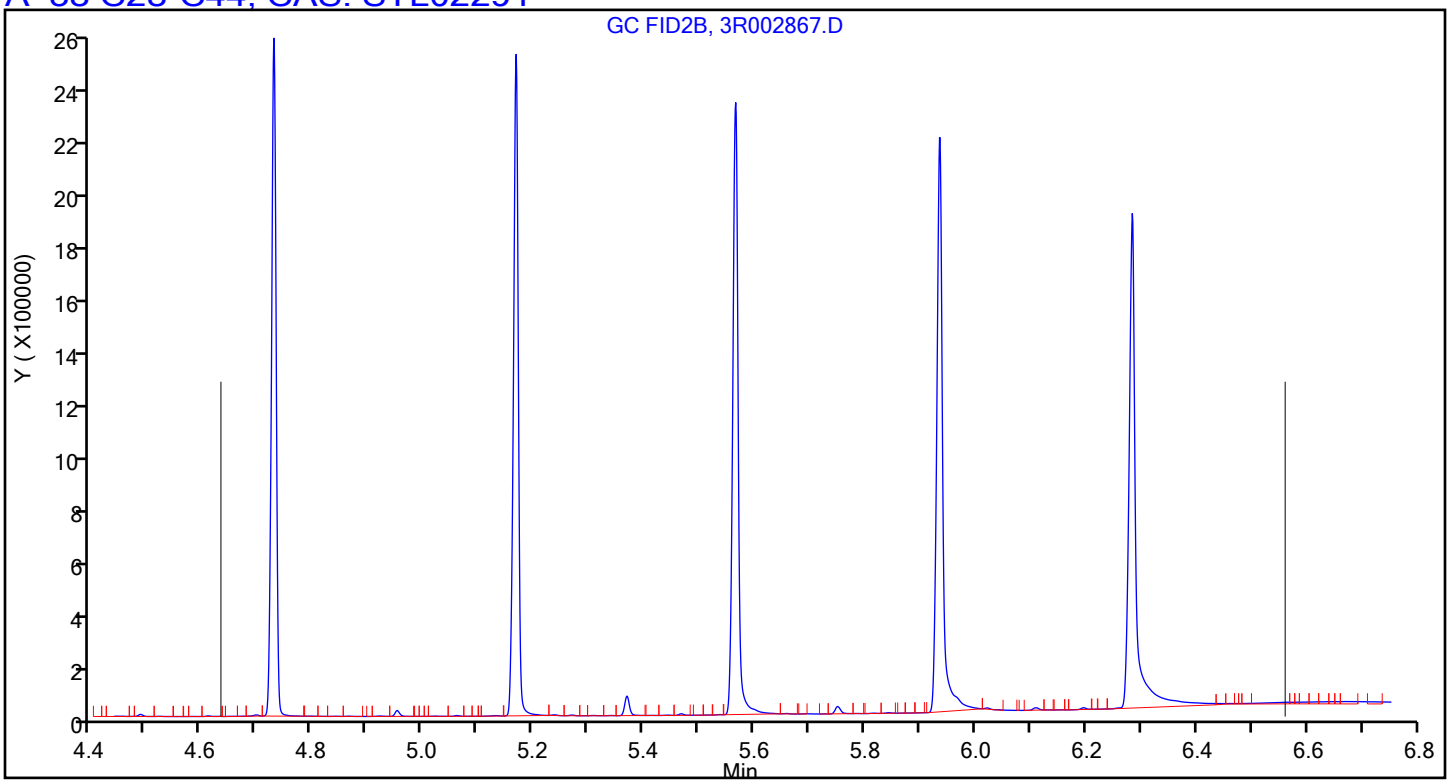
Operator ID: 615 ALS Bottle#: 71 Worklist Smp#: 21

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 38 C28-C44, CAS: STL02291



FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCV 460-837799/33 Calibration Date: 04/07/2022 21:37

Instrument ID: CBNAGC3 Calib Start Date: 02/24/2022 10:54

GC Column: Rtx-Mineral Oil ID: 0.32(mm) Calib End Date: 02/24/2022 11:55

Lab File ID: 3R002880.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10-C28]	Ave	16563	15591		678	720	-5.9	20.0
C10-C44	Ave	17856	16791		978	1040	-6.0	20.0
C28-C44	Ave	20737	19464		375	400	-6.1	20.0
o-Terphenyl	Ave	19942	19103		38.3	40.0	-4.2	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCV 460-837799/33 Calibration Date: 04/07/2022 21:37

Instrument ID: CBNAGC3 Calib Start Date: 02/24/2022 10:54

GC Column: Rtx-Mineral Oil ID: 0.32(mm) Calib End Date: 02/24/2022 11:55

Lab File ID: 3R002880.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10-C28]	3.06	1.28	4.83
C10-C44	3.84	1.28	6.41
C28-C44	5.60	4.63	6.56
o-Terphenyl	3.38	3.33	3.43

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002880.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 07-Apr-2022 21:37:34 ALS Bottle#: 83 Worklist Smp#: 33
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-033
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-DRO3R*sub3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:41:10 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.374	1.375	-0.001	992779	80.0	69.8	
A	2 C10-C28						
	3.055	(1.275-4.834)		11225501	720.0	677.7	
$	4 o-Terphenyl						
	3.380	3.380	0.000	764108	40.0	38.3	
A	5 C10-C44						
	3.843	(1.275-6.411)		17462804	1040.0	978.0	
	6 n-Octacosane						
	4.729	4.734	-0.005	1462217	80.0	76.5	
A	38 C28-C44						
	5.598	(4.634-6.561)		7785553	400.0	375.4	
	8 Tetratetracontane						
	6.268	6.311	-0.043	1518447	80.0	76.9	

Reagents:

SGOROL3_00003 Amount Added: 1.00 Units: mL

Report Date: 08-Apr-2022 10:41:11 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002880.D

Injection Date: 07-Apr-2022 21:37:34 Instrument ID: CBNAGC3

Lims ID: CCV

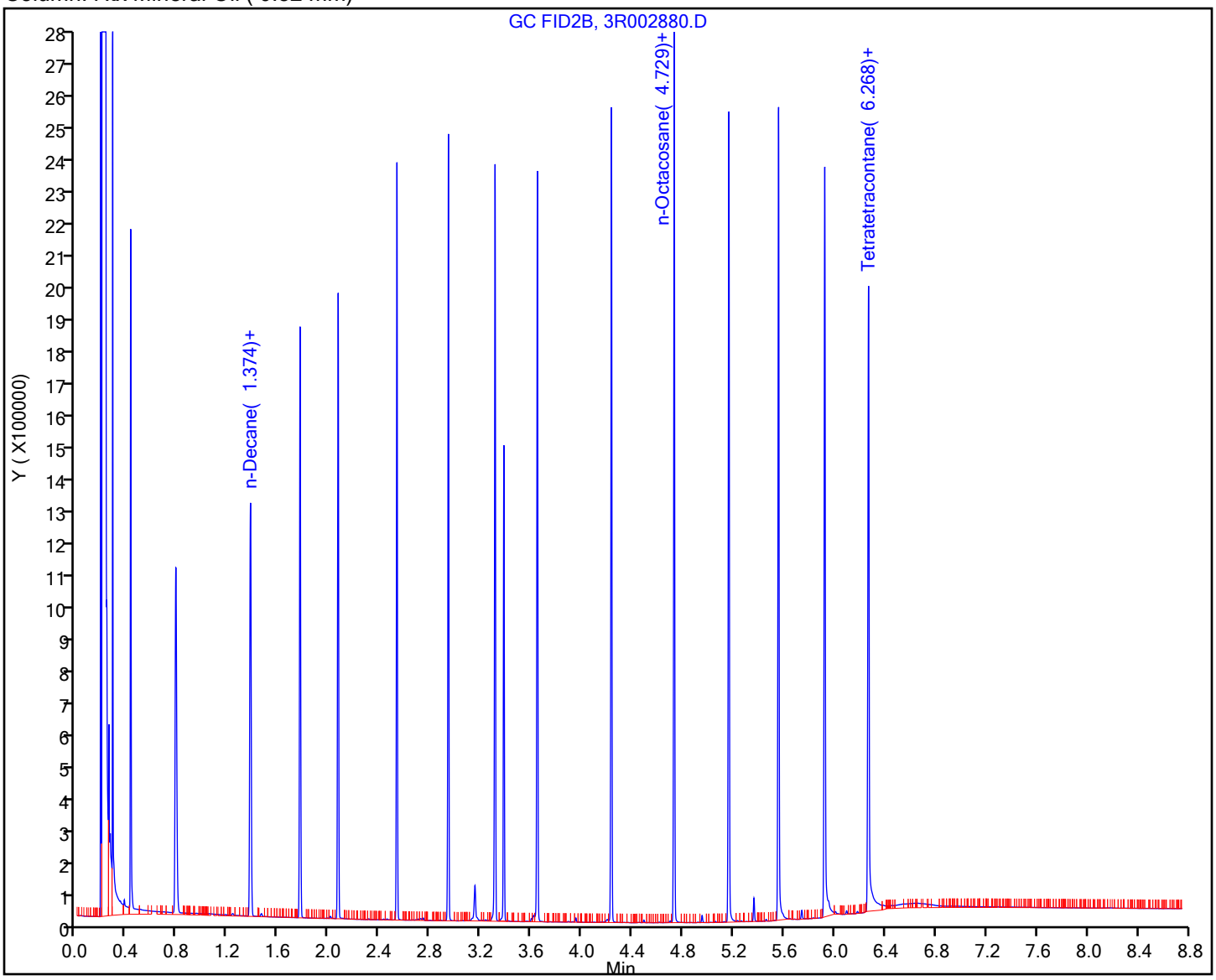
Client ID:

Operator ID: 615 ALS Bottle#: 83 Worklist Smp#: 33

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Report Date: 08-Apr-2022 10:41:11 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002880.D

Injection Date: 07-Apr-2022 21:37:34 Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

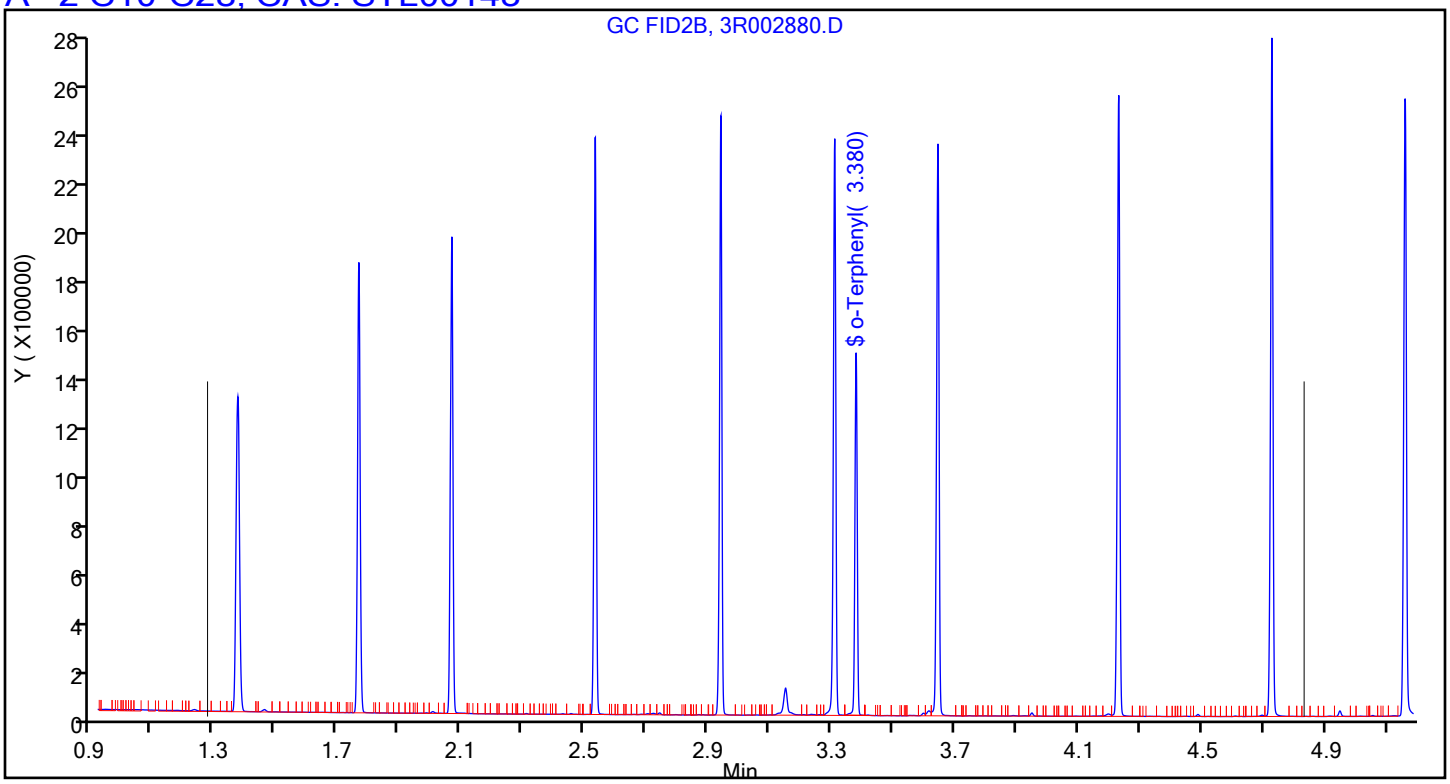
Operator ID: 615 ALS Bottle#: 83 Worklist Smp#: 33

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 2 C10-C28, CAS: STL00143



Report Date: 08-Apr-2022 10:41:11 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002880.D

Injection Date: 07-Apr-2022 21:37:34 Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

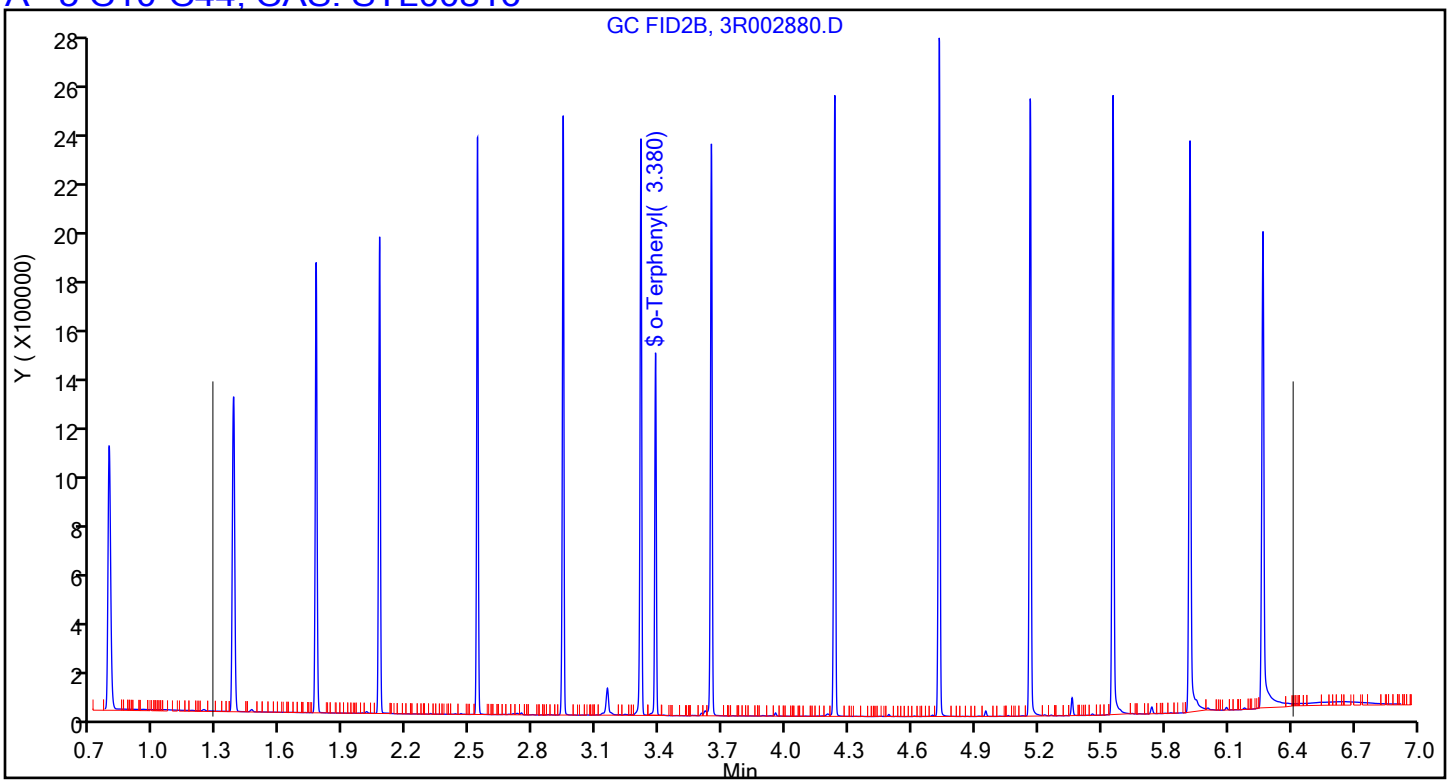
Operator ID: 615 ALS Bottle#: 83 Worklist Smp#: 33

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 5 C10-C44, CAS: STL00816

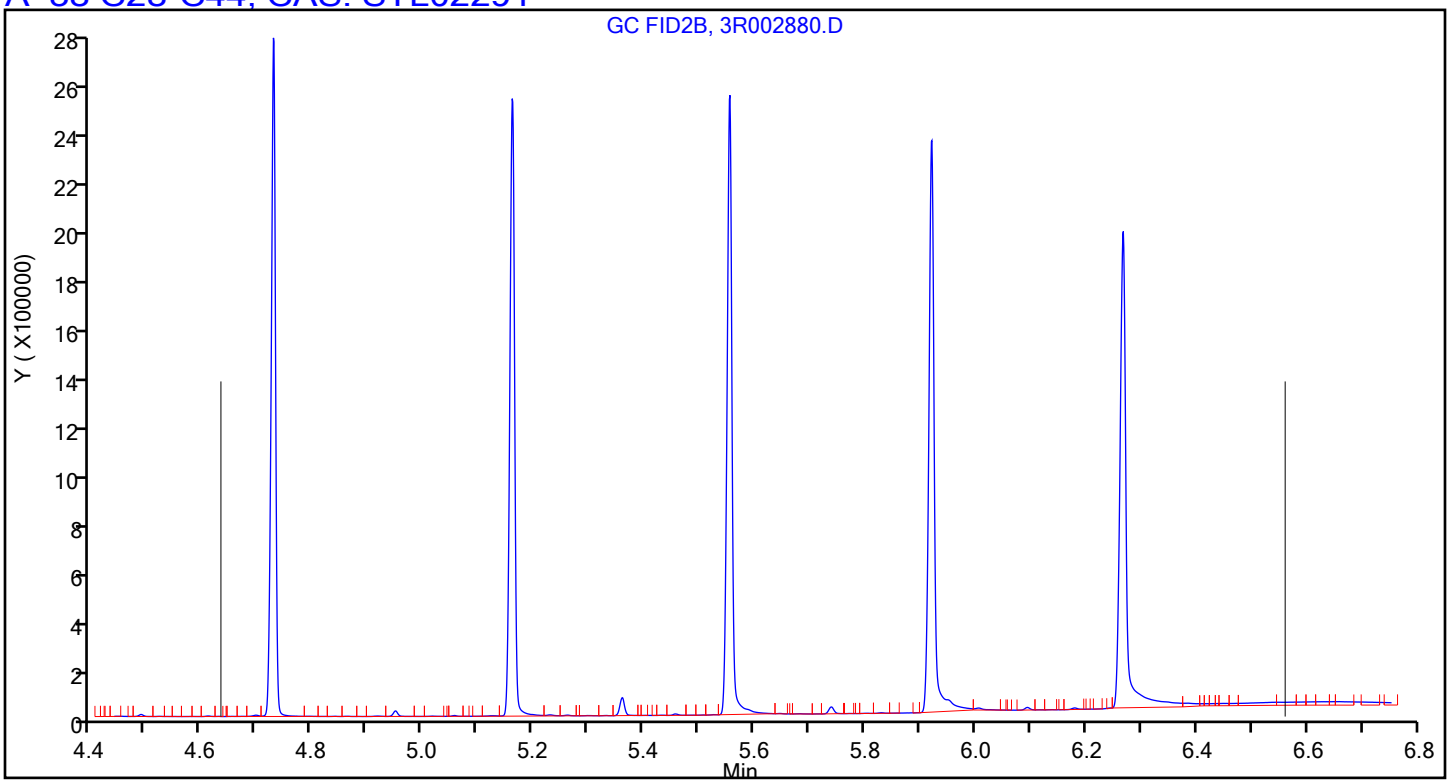


Report Date: 08-Apr-2022 10:41:11 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002880.D				
Injection Date:	07-Apr-2022 21:37:34	Instrument ID:	CBNAGC3		
Lims ID:	CCV				
Client ID:					
Operator ID:	615	ALS Bottle#:	83	Worklist Smp#:	33
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 38 C28-C44, CAS: STL02291



FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCV 460-837799/44 Calibration Date: 04/08/2022 01:32

Instrument ID: CBNAGC3 Calib Start Date: 02/24/2022 10:54

GC Column: Rtx-Mineral Oil ID: 0.32(mm) Calib End Date: 02/24/2022 11:55

Lab File ID: 3R002891.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10-C28]	Ave	16563	14933		649	720	-9.8	20.0
C10-C44	Ave	17856	16241		946	1040	-9.0	20.0
C28-C44	Ave	20737	18949		366	400	-8.6	20.0
o-Terphenyl	Ave	19942	17780		35.7	40.0	-10.8	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCV 460-837799/44 Calibration Date: 04/08/2022 01:32

Instrument ID: CBNAGC3 Calib Start Date: 02/24/2022 10:54

GC Column: Rtx-Mineral Oil ID: 0.32(mm) Calib End Date: 02/24/2022 11:55

Lab File ID: 3R002891.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10-C28]	3.06	1.28	4.83
C10-C44	3.84	1.28	6.41
C28-C44	5.60	4.63	6.56
o-Terphenyl	3.38	3.33	3.43

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002891.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 08-Apr-2022 01:32:33 ALS Bottle#: 83 Worklist Smp#: 44
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-044
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-DRO3R*sub3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:22 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.373	1.375	-0.002	977154	80.0	68.7	
A	2 C10-C28						
	3.055	(1.275-4.834)		10752104	720.0	649.1	
$	4 o-Terphenyl						
	3.378	3.380	-0.002	711182	40.0	35.7	
A	5 C10-C44						
	3.843	(1.275-6.411)		16890885	1040.0	945.9	
	6 n-Octacosane						
	4.732	4.734	-0.002	1371669	80.0	71.8	
A	38 C28-C44						
	5.598	(4.634-6.561)		7579736	400.0	365.5	
	8 Tetratetracontane						
	6.263	6.311	-0.048	1551051	80.0	78.6	

Reagents:

SGOROL3_00003 Amount Added: 1.00 Units: mL

Report Date: 08-Apr-2022 10:40:23 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002891.D

Injection Date: 08-Apr-2022 01:32:33 Instrument ID: CBNAGC3

Lims ID: CCV

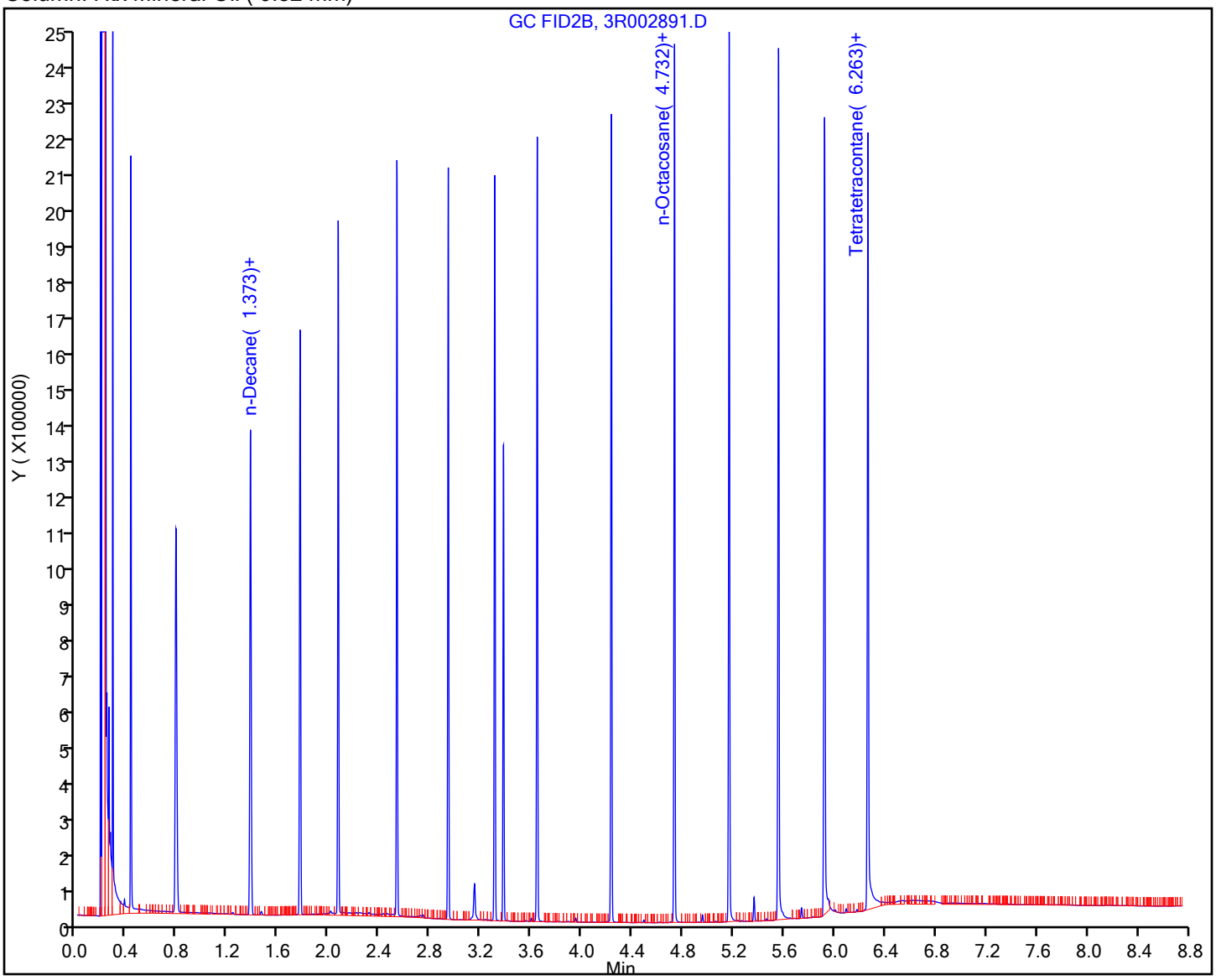
Client ID:

Operator ID: 615 ALS Bottle#: 83 Worklist Smp#: 44

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Report Date: 08-Apr-2022 10:40:23 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002891.D

Injection Date: 08-Apr-2022 01:32:33 Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

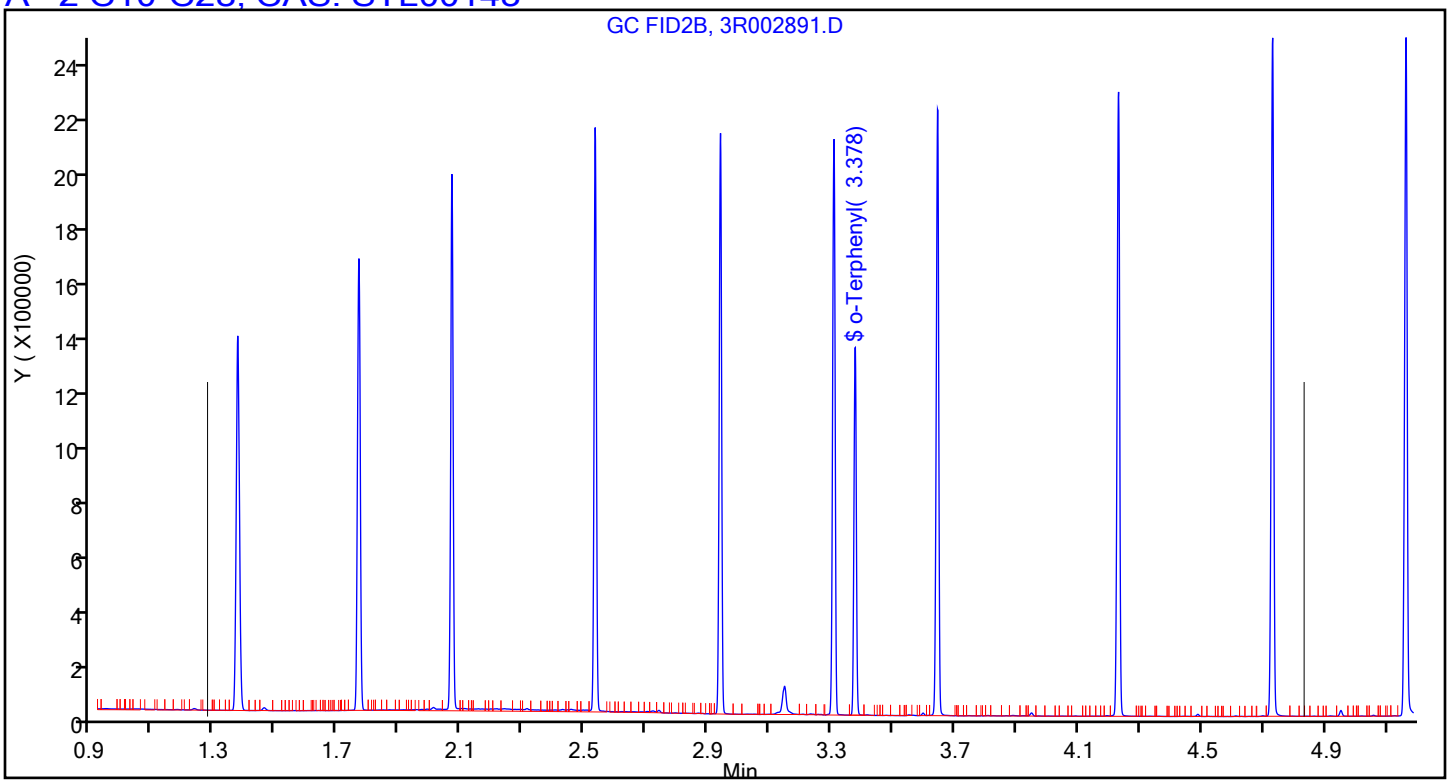
Operator ID: 615 ALS Bottle#: 83 Worklist Smp#: 44

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 2 C10-C28, CAS: STL00143



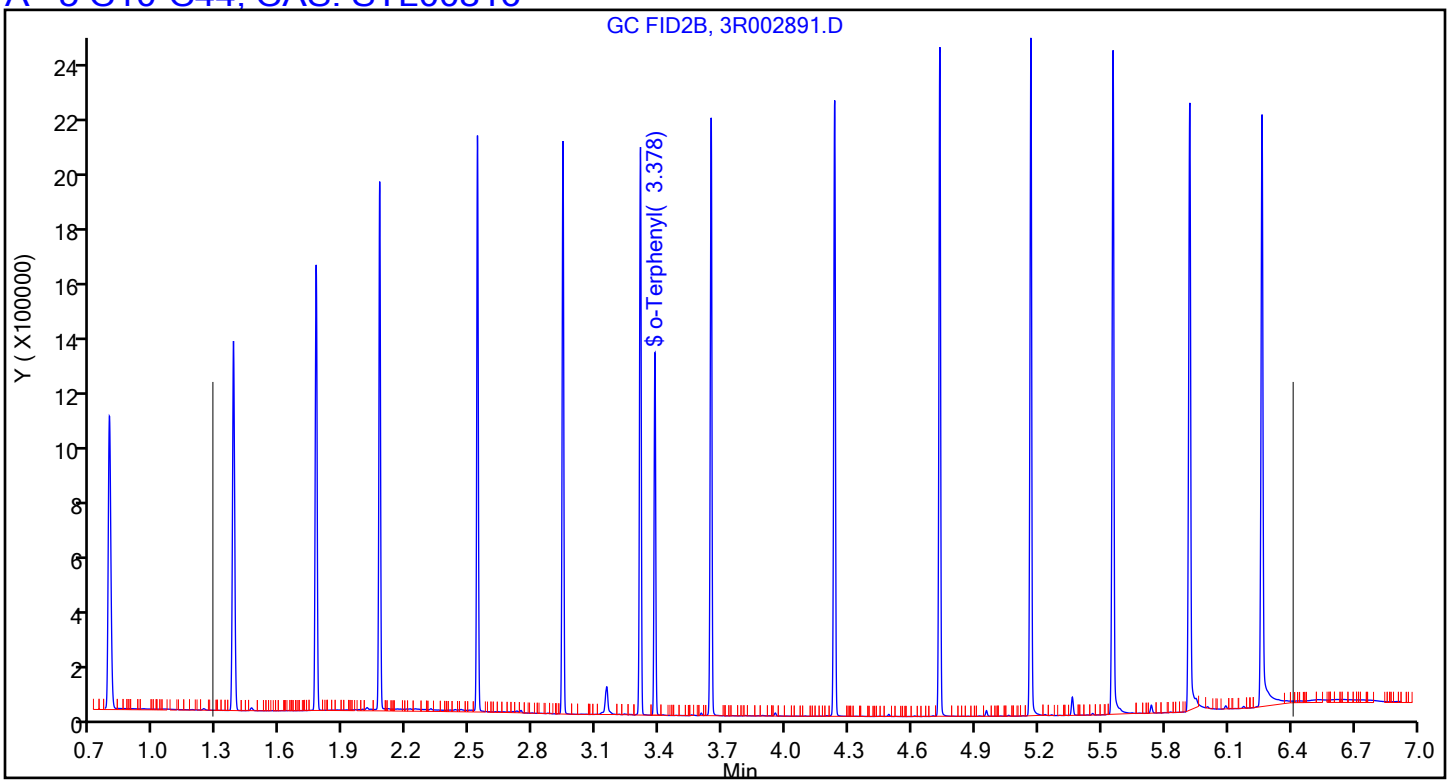
Report Date: 08-Apr-2022 10:40:23 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002891.D

Injection Date:	08-Apr-2022 01:32:33	Instrument ID:	CBNAGC3		
Lims ID:	CCV				
Client ID:					
Operator ID:	615	ALS Bottle#:	83	Worklist Smp#:	44
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816



Report Date: 08-Apr-2022 10:40:23 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002891.D

Injection Date: 08-Apr-2022 01:32:33 Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

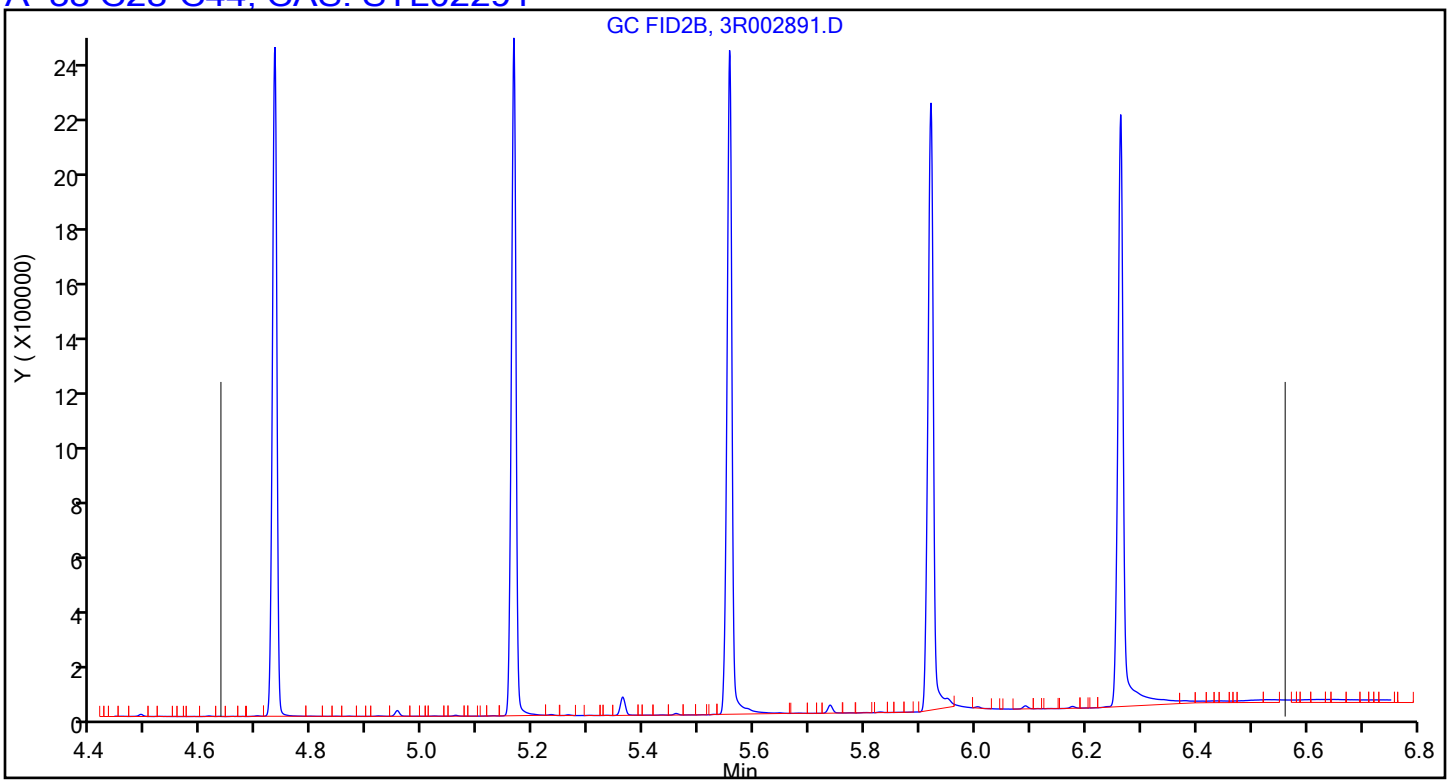
Operator ID: 615 ALS Bottle#: 83 Worklist Smp#: 44

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 38 C28-C44, CAS: STL02291



FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCV 460-837799/56 Calibration Date: 04/08/2022 09:17

Instrument ID: CBNAGC3 Calib Start Date: 02/24/2022 10:54

GC Column: Rtx-Mineral Oil ID: 0.32(mm) Calib End Date: 02/24/2022 11:55

Lab File ID: 3R002903.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10-C28]	Ave	16563	15800		687	720	-4.6	20.0
C10-C44	Ave	17856	16973		989	1040	-4.9	20.0
C28-C44	Ave	20737	19481		376	400	-6.1	20.0
o-Terphenyl	Ave	19942	19646		39.4	40.0	-1.5	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCV 460-837799/56 Calibration Date: 04/08/2022 09:17

Instrument ID: CBNAGC3 Calib Start Date: 02/24/2022 10:54

GC Column: Rtx-Mineral Oil ID: 0.32(mm) Calib End Date: 02/24/2022 11:55

Lab File ID: 3R002903.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10-C28]	3.06	1.28	4.83
C10-C44	3.84	1.28	6.41
C28-C44	5.60	4.63	6.56
o-Terphenyl	3.38	3.33	3.43

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002903.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 08-Apr-2022 09:17:42 ALS Bottle#: 6 Worklist Smp#: 56
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-056
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-DRO3R*sub3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:35 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.378	1.375	0.003	987383	80.0	69.4	
A	2 C10-C28						
	3.055	(1.275-4.834)		11376230	720.0	686.8	
$	4 o-Terphenyl						
	3.378	3.380	-0.002	785851	40.0	39.4	
A	5 C10-C44						
	3.843	(1.275-6.411)		17651810	1040.0	988.5	
	6 n-Octacosane						
	4.729	4.734	-0.005	1492190	80.0	78.1	
A	38 C28-C44						
	5.598	(4.634-6.561)		7792401	400.0	375.8	
	8 Tetratetracontane						
	6.291	6.311	-0.020	1530499	80.0	77.6	

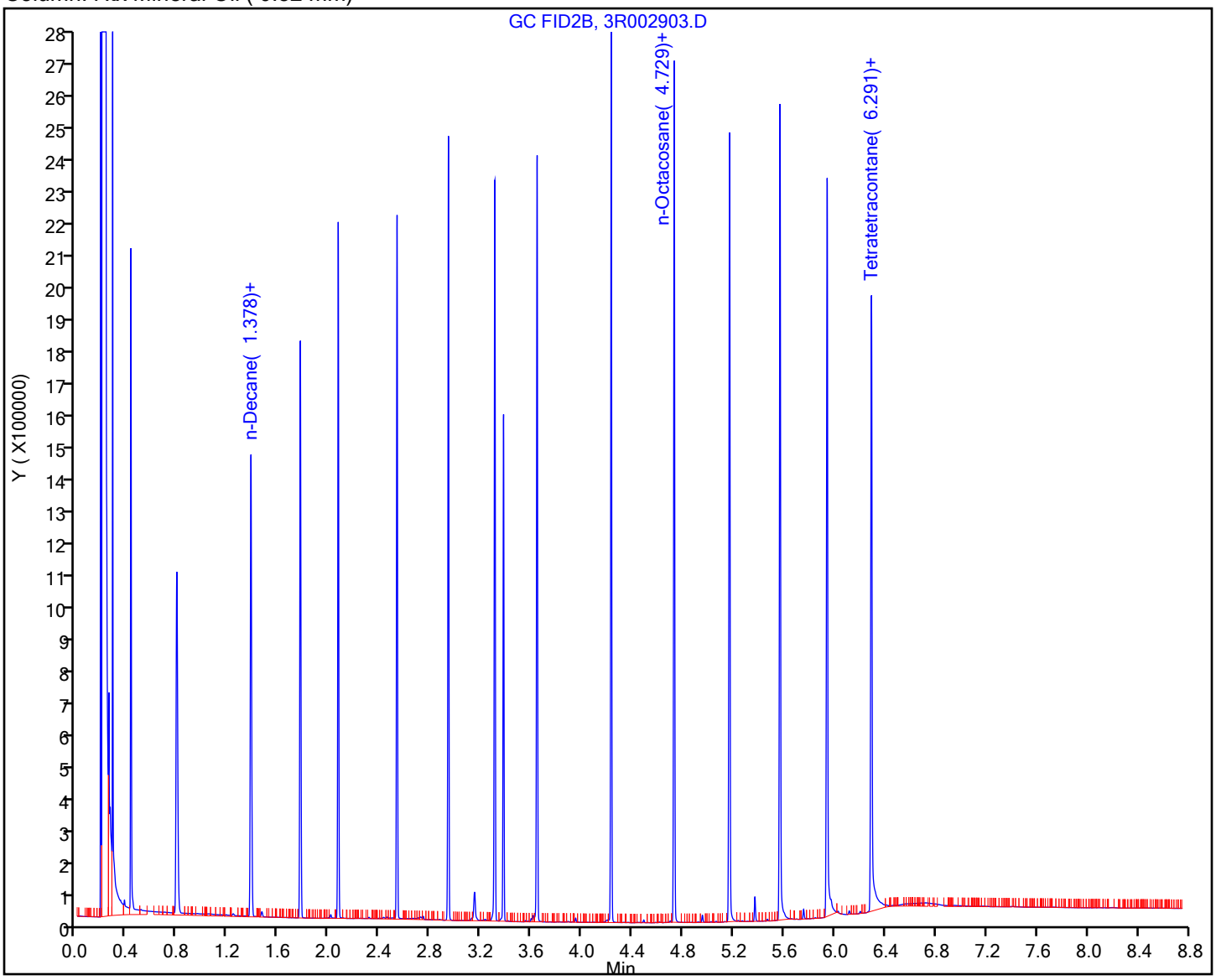
Reagents:

SGOROL3_00003 Amount Added: 1.00 Units: mL

Report Date: 08-Apr-2022 10:40:35 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002903.D
Injection Date: 08-Apr-2022 09:17:42 Instrument ID: CBNAGC3
Lims ID: CCV
Client ID:
Operator ID: 615 ALS Bottle#: 6 Worklist Smp#: 56
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO3R Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm)



Report Date: 08-Apr-2022 10:40:35 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002903.D

Injection Date: 08-Apr-2022 09:17:42 Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

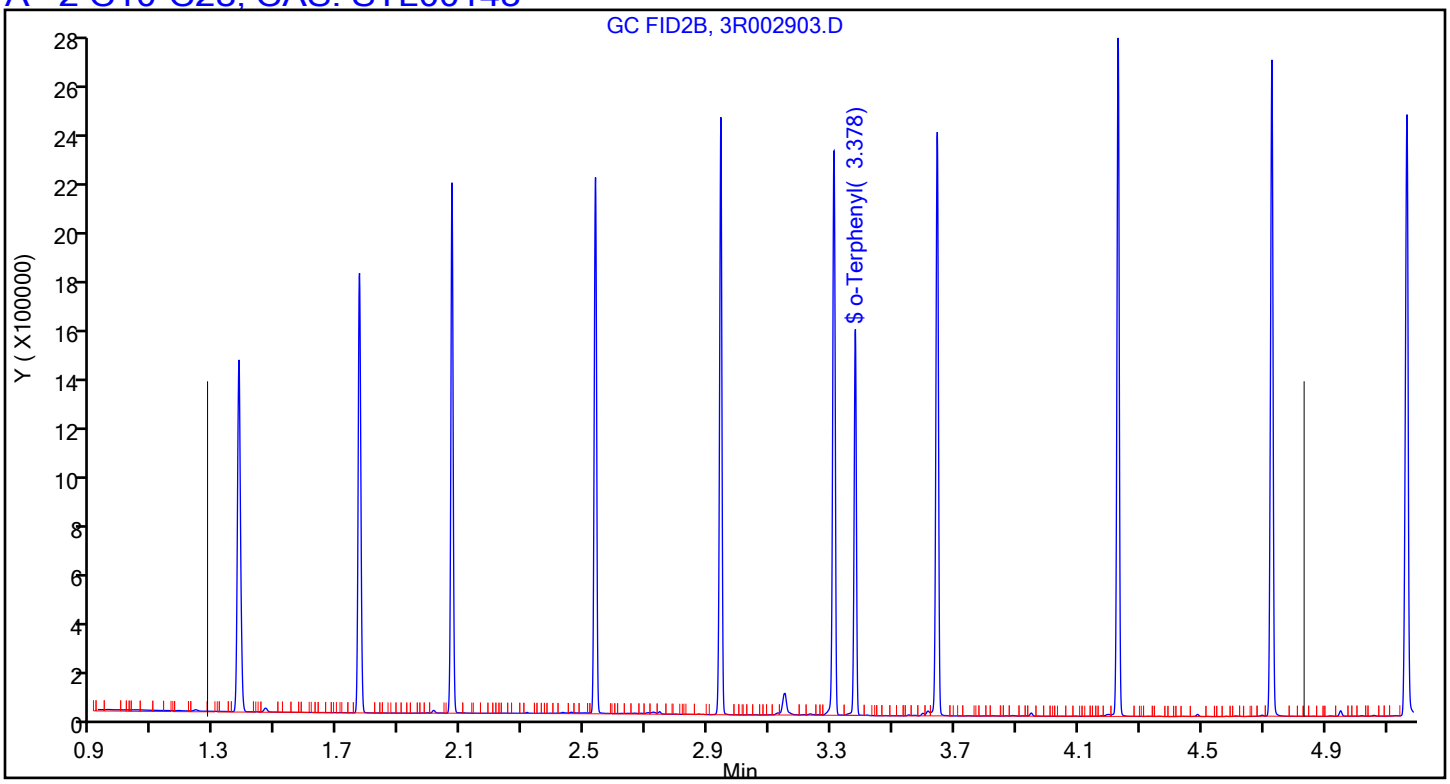
Operator ID: 615 ALS Bottle#: 6 Worklist Smp#: 56

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 2 C10-C28, CAS: STL00143

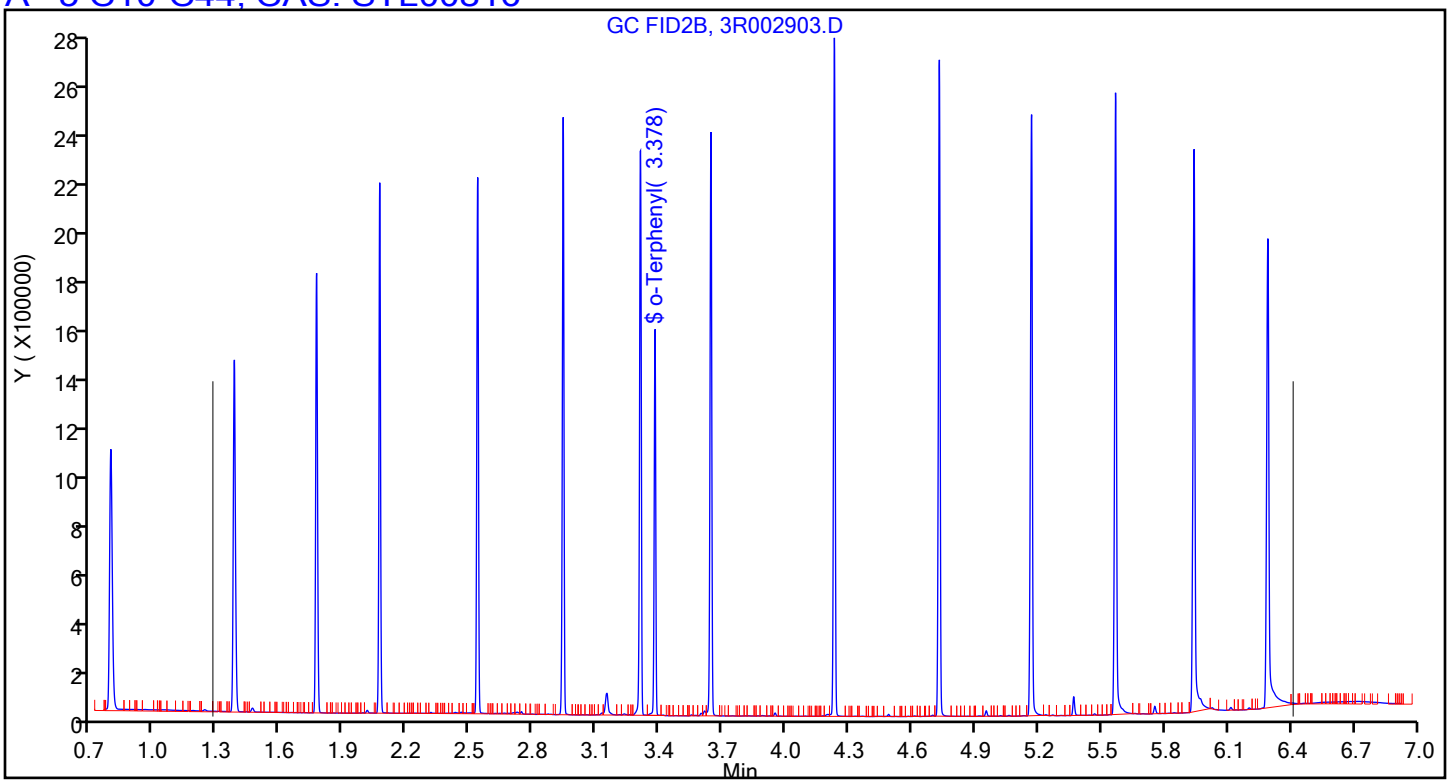


Report Date: 08-Apr-2022 10:40:35 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002903.D
Injection Date: 08-Apr-2022 09:17:42 Instrument ID: CBNAGC3
Lims ID: CCV
Client ID:
Operator ID: 615 ALS Bottle#: 6 Worklist Smp#: 56
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO3R Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 5 C10-C44, CAS: STL00816



Report Date: 08-Apr-2022 10:40:35 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002903.D

Injection Date: 08-Apr-2022 09:17:42 Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

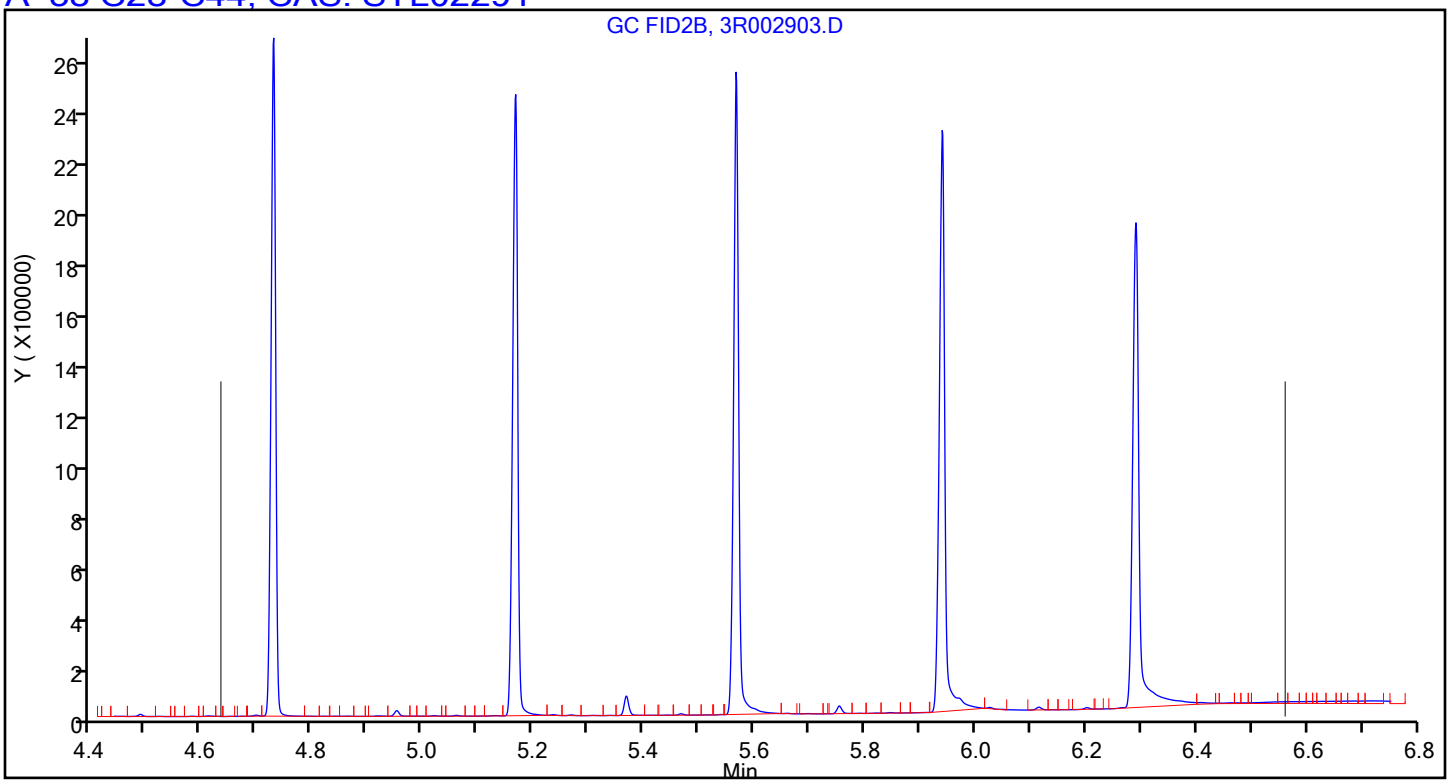
Operator ID: 615 ALS Bottle#: 6 Worklist Smp#: 56

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 38 C28-C44, CAS: STL02291



FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCV 460-837799/60 Calibration Date: 04/08/2022 11:01

Instrument ID: CBNAGC3 Calib Start Date: 02/24/2022 10:54

GC Column: Rtx-Mineral Oil ID: 0.32(mm) Calib End Date: 02/24/2022 11:55

Lab File ID: 3R002907.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10-C28]	Ave	16563	16266		707	720	-1.8	20.0
C10-C44	Ave	17856	17402		1010	1040	-2.5	20.0
C28-C44	Ave	20737	19842		383	400	-4.3	20.0
o-Terphenyl	Ave	19942	19949		40.0	40.0	0.0	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCV 460-837799/60 Calibration Date: 04/08/2022 11:01

Instrument ID: CBNAGC3 Calib Start Date: 02/24/2022 10:54

GC Column: Rtx-Mineral Oil ID: 0.32(mm) Calib End Date: 02/24/2022 11:55

Lab File ID: 3R002907.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10-C28]	3.06	1.28	4.83
C10-C44	3.84	1.28	6.41
C28-C44	5.60	4.63	6.56
o-Terphenyl	3.38	3.33	3.43

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002907.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 08-Apr-2022 11:01:58 ALS Bottle#: 10 Worklist Smp#: 60
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-060
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-DRO3R*sub3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 12:24:02 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1669

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.374	1.375	-0.001	1022929	80.0	71.9	
A	2 C10-C28						
	3.055	(1.275-4.834)		11711769	720.0	707.1	
$	4 o-Terphenyl						
	3.376	3.380	-0.004	797943	40.0	40.0	
A	5 C10-C44						
	3.843	(1.275-6.411)		18097946	1040.0	1013.5	
	6 n-Octacosane						
	4.730	4.734	-0.004	1527819	80.0	80.0	
A	38 C28-C44						
	5.598	(4.634-6.561)		7936787	400.0	382.7	
	8 Tetratetracontane						
	6.294	6.311	-0.017	1548925	80.0	78.5	

Reagents:

SGOROL3_00003 Amount Added: 1.00 Units: mL

Report Date: 08-Apr-2022 12:24:03 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002907.D

Injection Date: 08-Apr-2022 11:01:58 Instrument ID: CBNAGC3

Lims ID: CCV

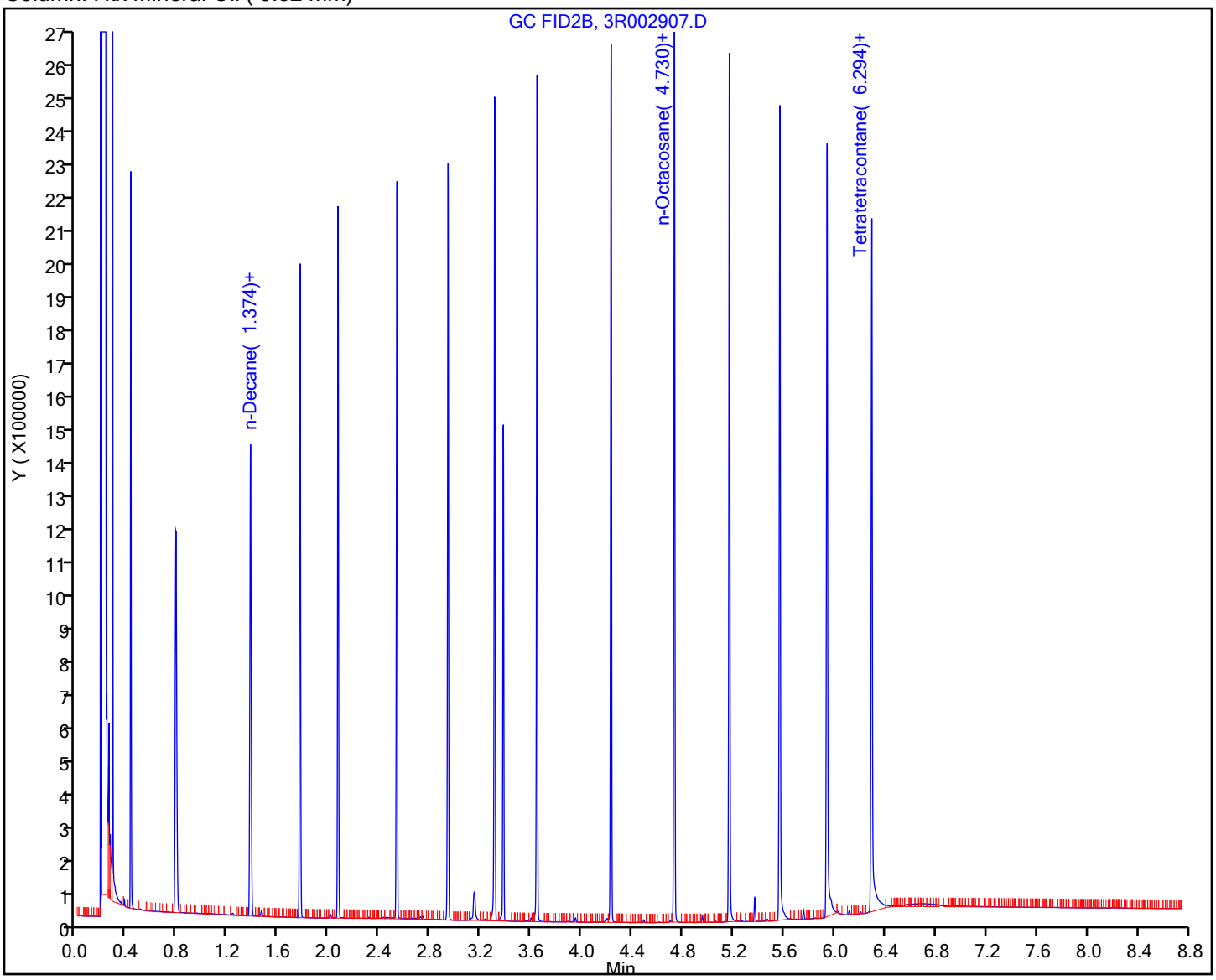
Client ID:

Operator ID: 615 ALS Bottle#: 10 Worklist Smp#: 60

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Report Date: 08-Apr-2022 12:24:03 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002907.D

Injection Date: 08-Apr-2022 11:01:58 Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

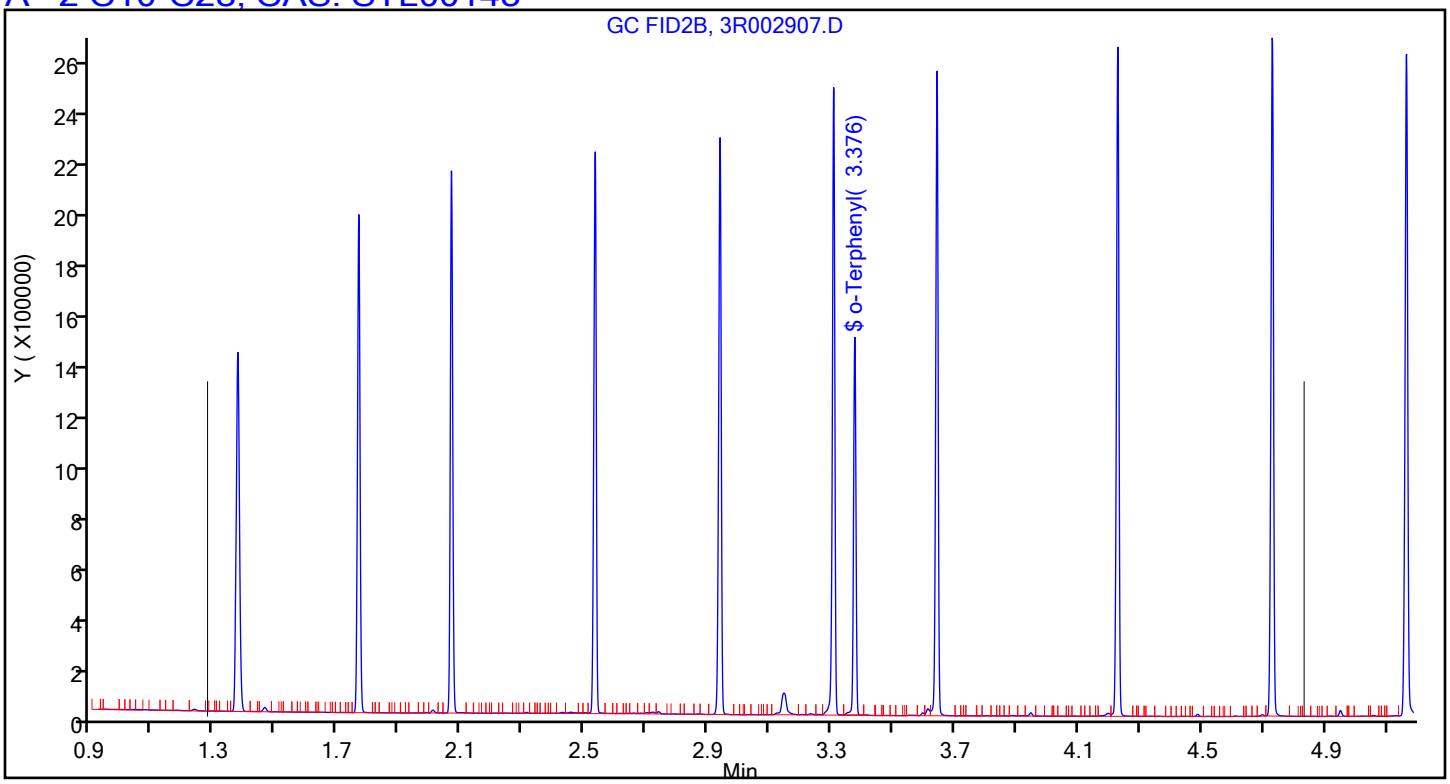
Operator ID: 615 ALS Bottle#: 10 Worklist Smp#: 60

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 2 C10-C28, CAS: STL00143



Report Date: 08-Apr-2022 12:24:03 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002907.D

Injection Date: 08-Apr-2022 11:01:58 Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

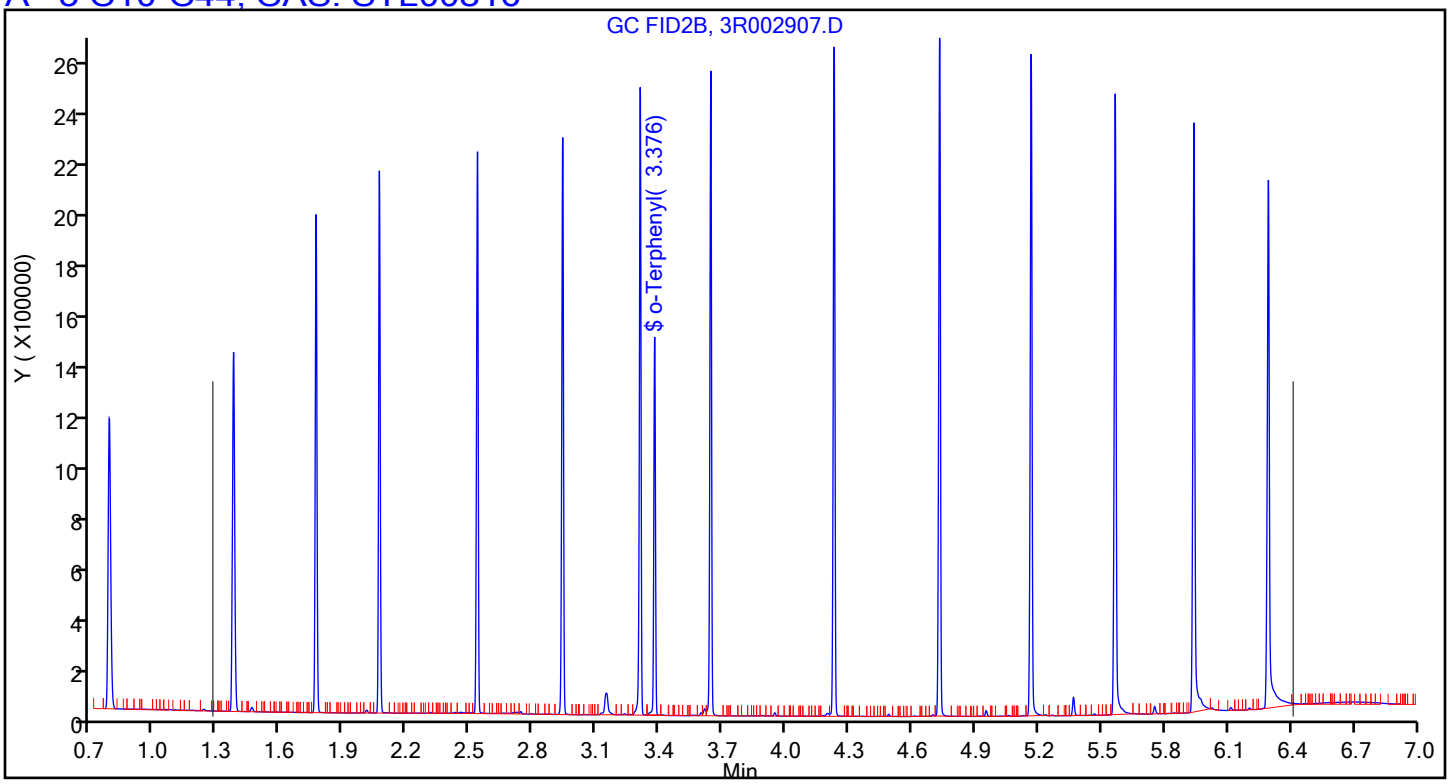
Operator ID: 615 ALS Bottle#: 10 Worklist Smp#: 60

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 5 C10-C44, CAS: STL00816



Report Date: 08-Apr-2022 12:24:03 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002907.D

Injection Date: 08-Apr-2022 11:01:58 Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

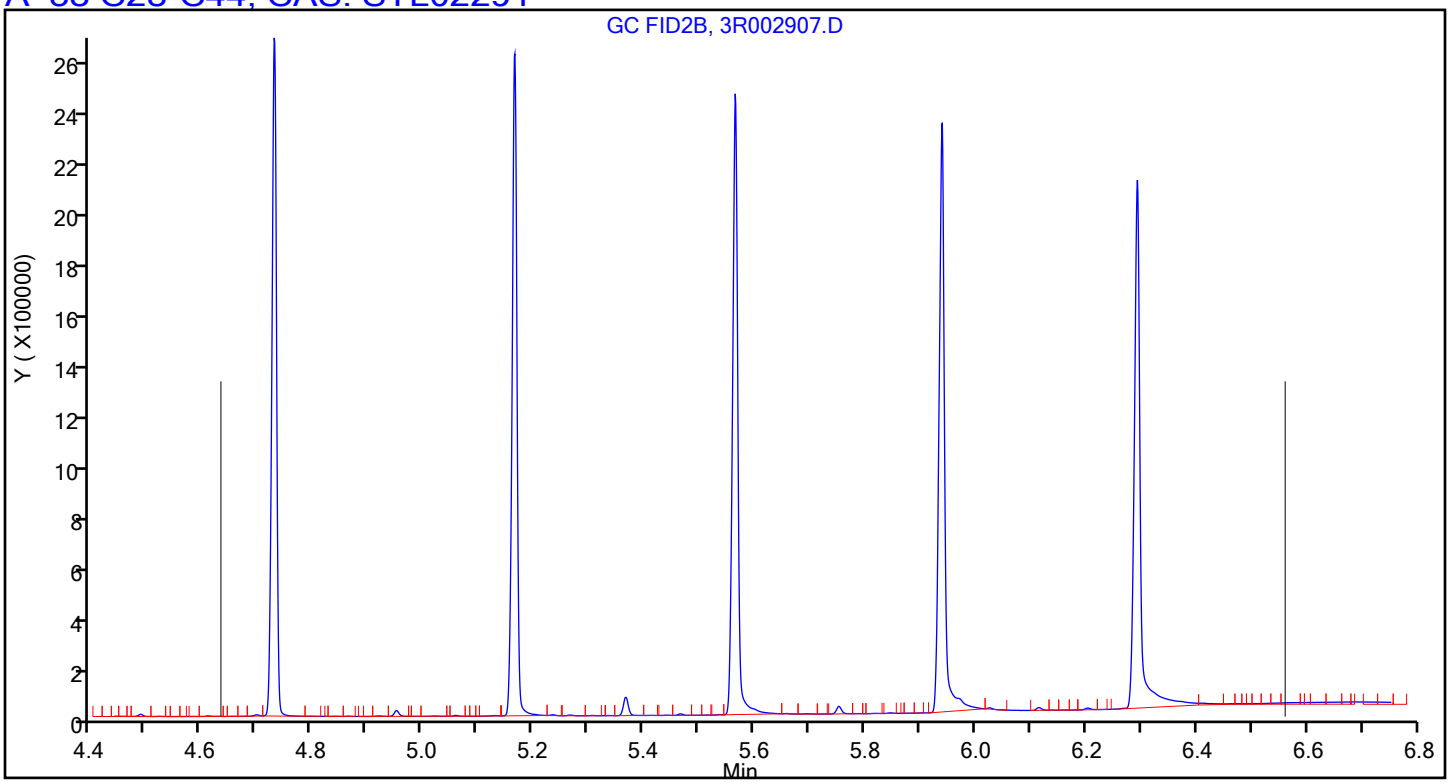
Operator ID: 615 ALS Bottle#: 10 Worklist Smp#: 60

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 38 C28-C44, CAS: STL02291



FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-837716/1-A

Matrix: Solid | Lab File ID: 3R002875.D

Analysis Method: 8015D | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:25

Sample wt/vol: 15.00(g) | Date Analyzed: 04/07/2022 19:50

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837799 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	0.55	U	8.7	0.55

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	102		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002875.D
Lims ID: MB 460-837716/1-A
Client ID:
Sample Type: MB
Inject. Date: 07-Apr-2022 19:50:18 ALS Bottle#: 78 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-028
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:50 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

First Level Reviewer: infantew Date: 08-Apr-2022 10:35:15

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 o-Terphenyl						
3.378	3.380	-0.002	407685	20.0	20.4	

QC Flag Legend
Processing Flags

Report Date: 08-Apr-2022 10:41:00 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002875.D

Injection Date: 07-Apr-2022 19:50:18 Instrument ID: CBNAGC3

Lims ID: MB 460-837716/1-A

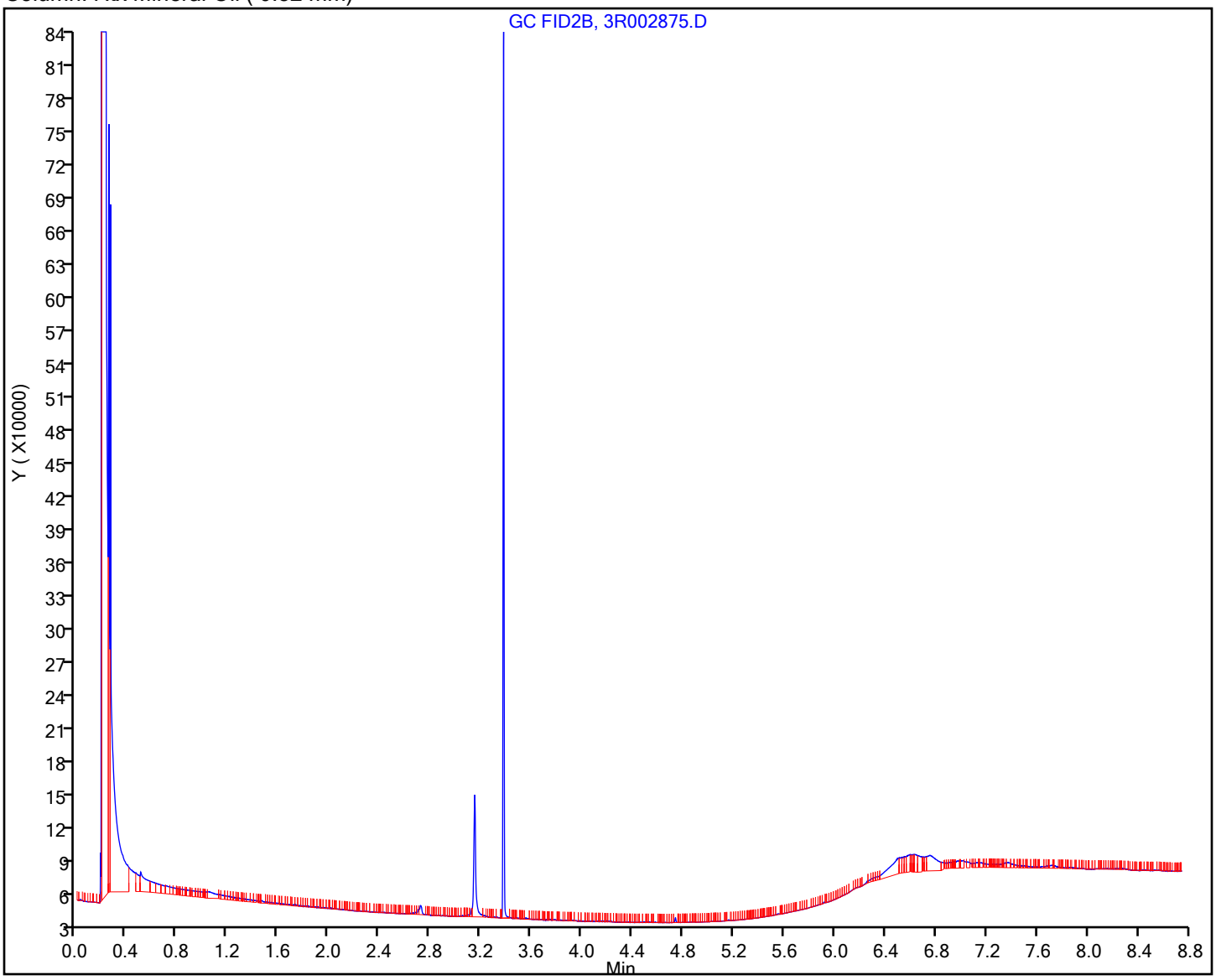
Client ID:

Operator ID: 615 ALS Bottle#: 78 Worklist Smp#: 28

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002875.D
Lims ID: MB 460-837716/1-A
Client ID:
Sample Type: MB
Inject. Date: 07-Apr-2022 19:50:18 ALS Bottle#: 78 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-028
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:50 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

First Level Reviewer: infantew Date: 08-Apr-2022 10:35:15

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	20.4	102.22

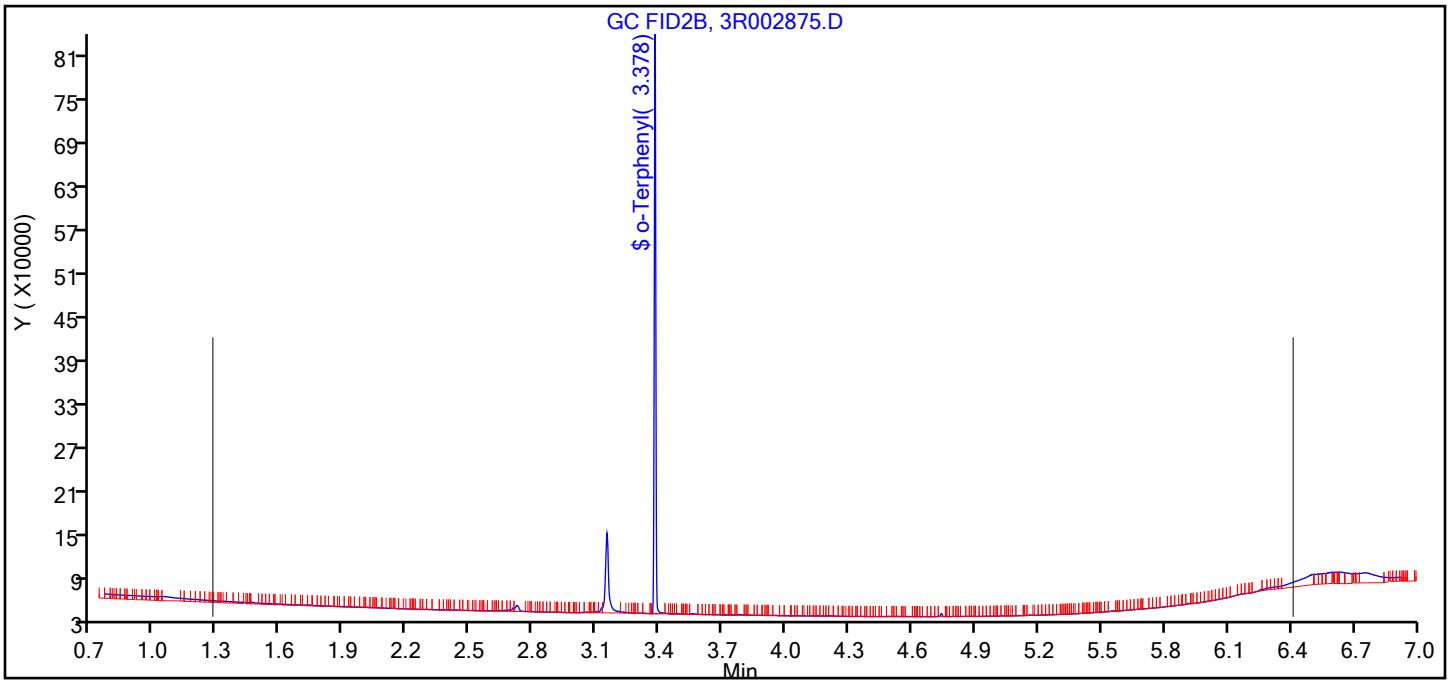
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002875.D				
Injection Date:	07-Apr-2022 19:50:18	Instrument ID:	CBNAGC3		
Lims ID:	MB 460-837716/1-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	78	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816, Signal: 1, Type: quant, RT: 3.84

Processing Results



RT	Response	Amount
3.84	251277	14.072076
	Amount:	14.072076

Reviewer: infantew, 08-Apr-2022 10:35:13

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-839877/1-A

Matrix: Solid | Lab File ID: 2F146256.D

Analysis Method: 8015D | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/18/2022 22:17

Sample wt/vol: 15.00(g) | Date Analyzed: 04/19/2022 07:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 839919 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	0.55	U	8.7	0.55

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	108		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146256.D
Lims ID: MB 460-839877/1-A
Client ID:
Sample Type: MB
Inject. Date: 19-Apr-2022 07:36:36 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144204-003
Operator ID: Instrument ID: CBNAGC2

Method: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\DRO2F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 19-Apr-2022 12:43:20 Calib Date: 23-Jan-2022 09:46:18
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1655

First Level Reviewer: asfawa Date: 19-Apr-2022 10:20:04

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 o-Terphenyl						
3.121	3.122	-0.001	247652	20.0	21.7	

QC Flag Legend
Processing Flags

Report Date: 19-Apr-2022 12:43:23 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146256.D

Injection Date: 19-Apr-2022 07:36:36 Instrument ID: CBNAGC2

Lims ID: MB 460-839877/1-A

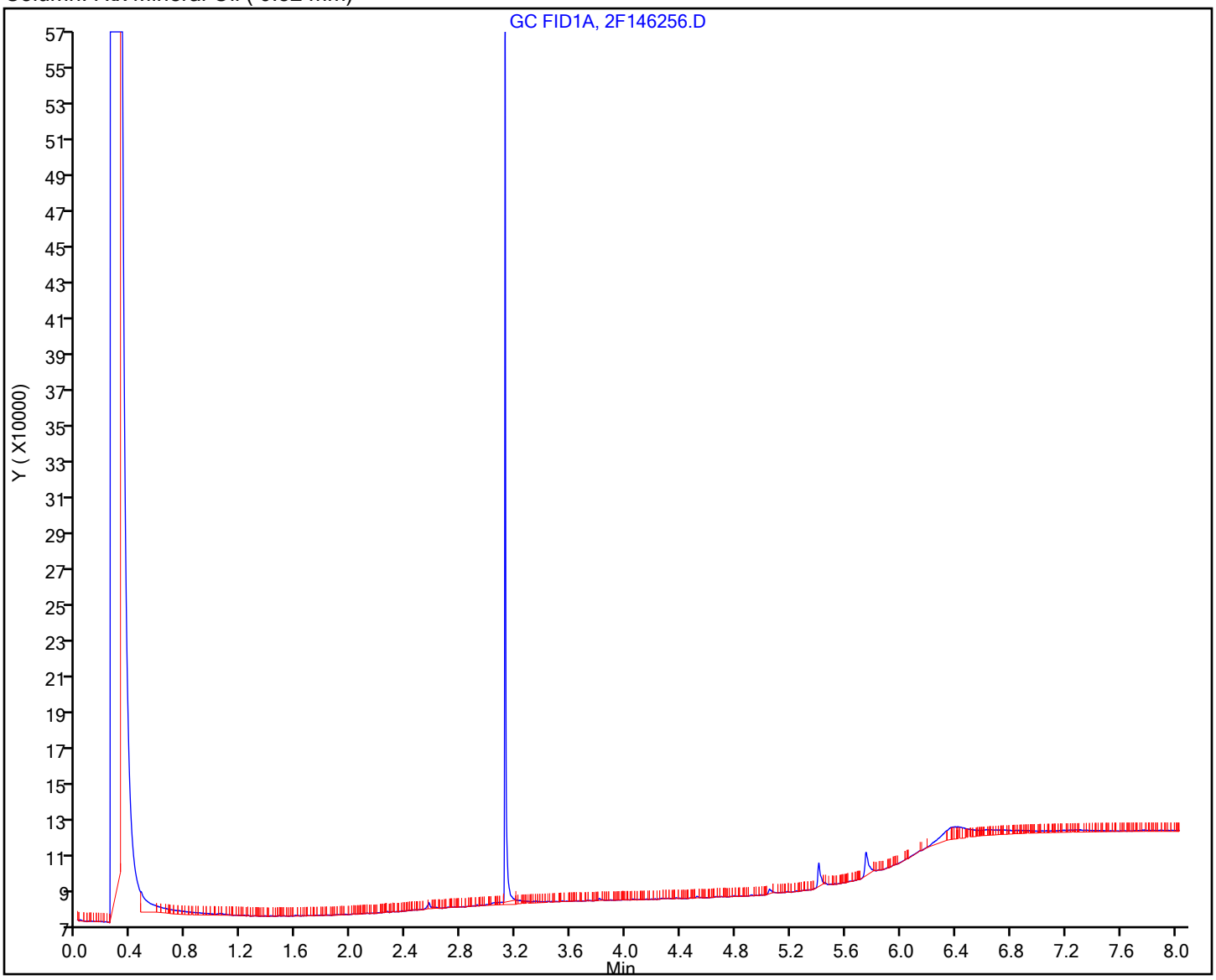
Client ID:

Operator ID: ALS Bottle#: 3 Worklist Smp#: 3

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146256.D
Lims ID: MB 460-839877/1-A
Client ID:
Sample Type: MB
Inject. Date: 19-Apr-2022 07:36:36 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144204-003
Operator ID: Instrument ID: CBNAGC2

Method: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\DRO2F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 19-Apr-2022 12:43:20 Calib Date: 23-Jan-2022 09:46:18
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1655

First Level Reviewer: asfawa Date: 19-Apr-2022 10:20:04

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	21.7	108.46

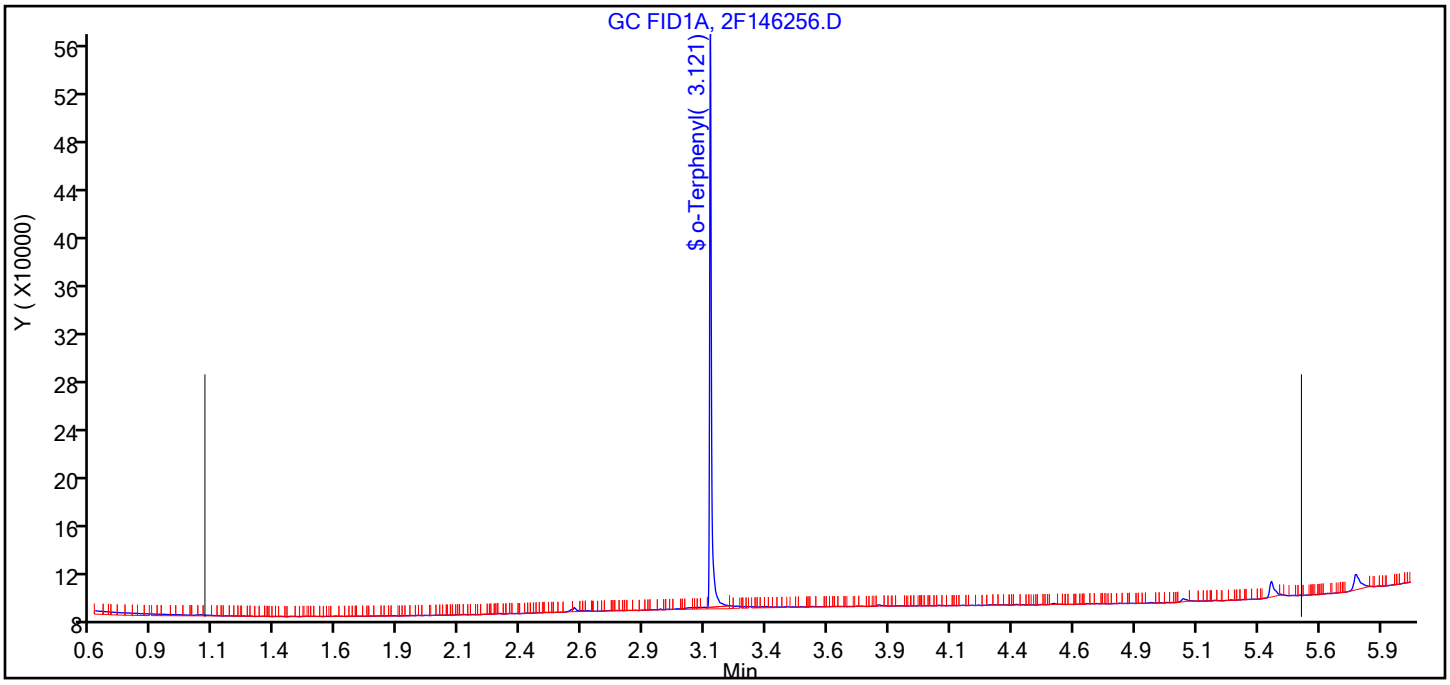
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146256.D				
Injection Date:	19-Apr-2022 07:36:36	Instrument ID:	CBNAGC2		
Lims ID:	MB 460-839877/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO2F	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816, Signal: 1, Type: quant, RT: 3.29

Processing Results



RT	Response	Amount
3.29	87327	7.938230
	Amount:	7.938230

Reviewer: asfawa, 19-Apr-2022 10:19:57

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-837799/20

Matrix: Solid | Lab File ID: 3R002866.D

Analysis Method: 8015D | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/07/2022 16:25

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837799 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	0.029	U	0.13	0.029

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	92		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002866.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 07-Apr-2022 16:25:24 ALS Bottle#: 70 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-020
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:35 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

First Level Reviewer: infantew Date: 08-Apr-2022 10:33:27

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 o-Terphenyl						
3.378	3.380	-0.002	367529	20.0	18.4	

QC Flag Legend
Processing Flags

Reagents:
SGPIBLKDRO_00021 Amount Added: 1.00 Units: mL

Report Date: 08-Apr-2022 10:40:49 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002866.D

Injection Date: 07-Apr-2022 16:25:24 Instrument ID: CBNAGC3

Lims ID: PIBLK

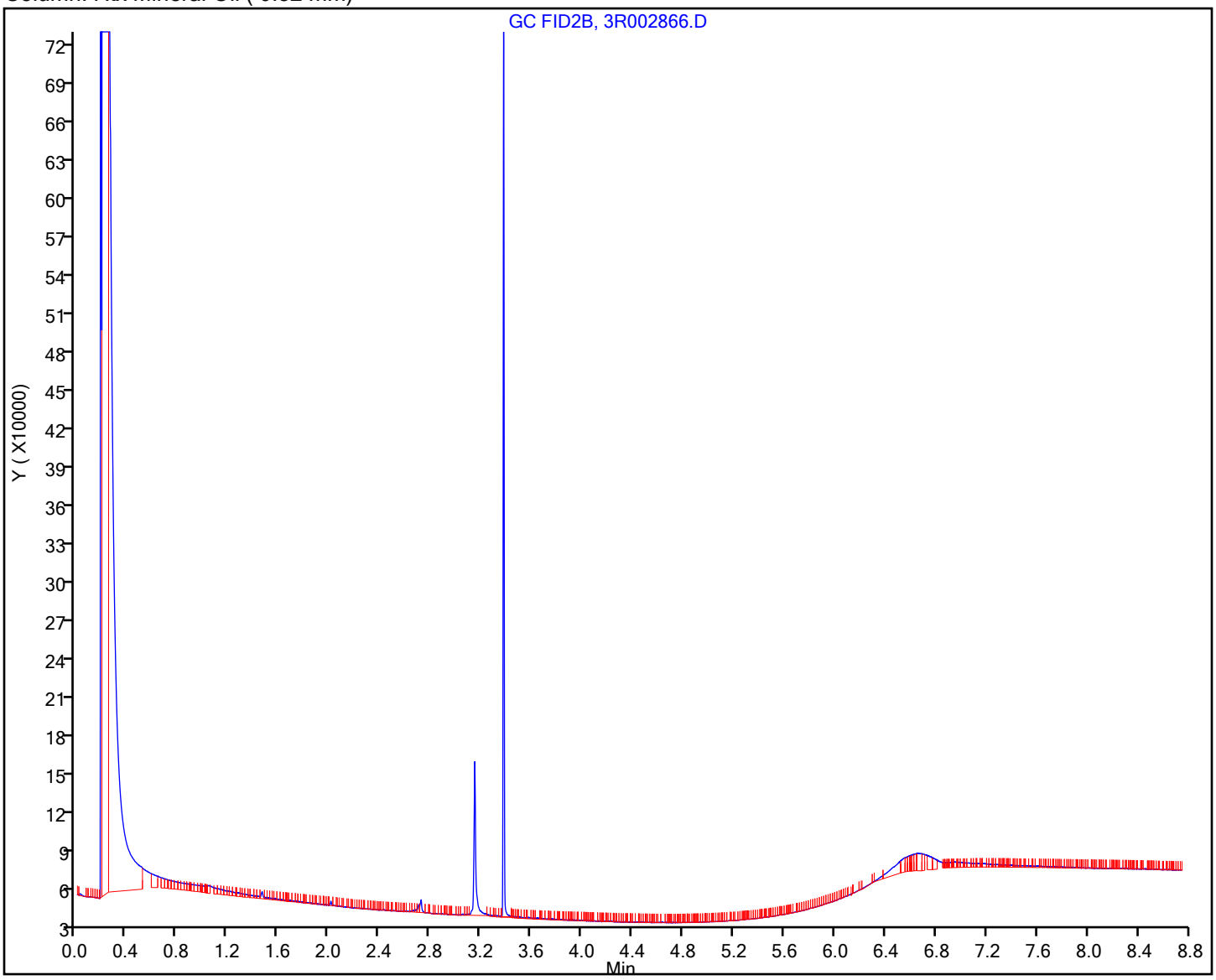
Client ID:

Operator ID: 615 ALS Bottle#: 70 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002866.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 07-Apr-2022 16:25:24 ALS Bottle#: 70 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-020
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:35 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

First Level Reviewer: infantew Date: 08-Apr-2022 10:33:27

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	18.4	92.15

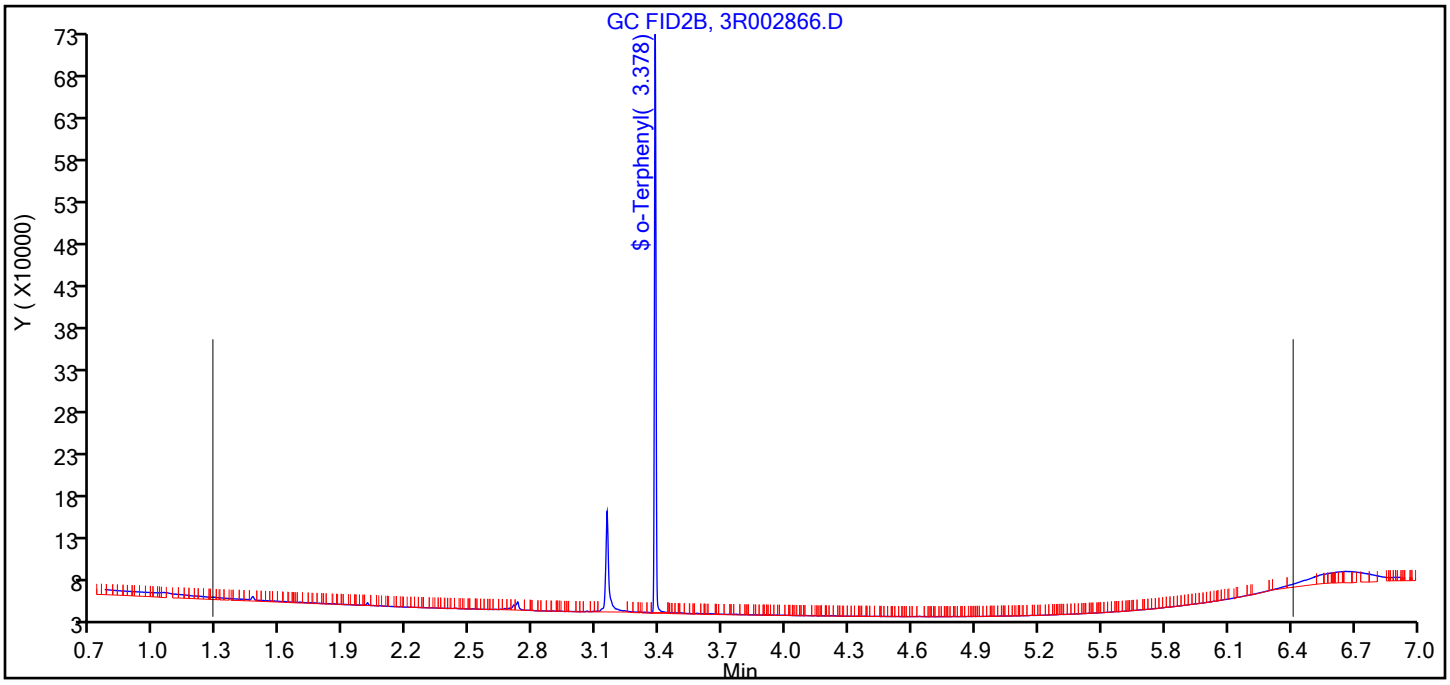
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002866.D				
Injection Date:	07-Apr-2022 16:25:24	Instrument ID:	CBNAGC3		
Lims ID:	PIBLK				
Client ID:					
Operator ID:	615	ALS Bottle#:	70	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816, Signal: 1, Type: quant, RT: 3.84

Processing Results



RT	Response	Amount
3.84	248299	13.905302
	Amount:	13.905302

Reviewer: infantew, 08-Apr-2022 10:33:24

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-837799/32

Matrix: Solid | Lab File ID: 3R002879.D

Analysis Method: 8015D | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/07/2022 21:16

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837799 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	0.029	U	0.13	0.029

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	102		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002879.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 07-Apr-2022 21:16:02 ALS Bottle#: 82 Worklist Smp#: 32
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-032
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:50 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

First Level Reviewer: infantew Date: 08-Apr-2022 10:36:01

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 o-Terphenyl						
3.377	3.380	-0.003	408699	20.0	20.5	

QC Flag Legend
Processing Flags

Reagents:
SGPIBLKDRO_00021 Amount Added: 1.00 Units: mL

Report Date: 08-Apr-2022 10:41:09 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002879.D

Injection Date: 07-Apr-2022 21:16:02 Instrument ID: CBNAGC3

Lims ID: PIBLK

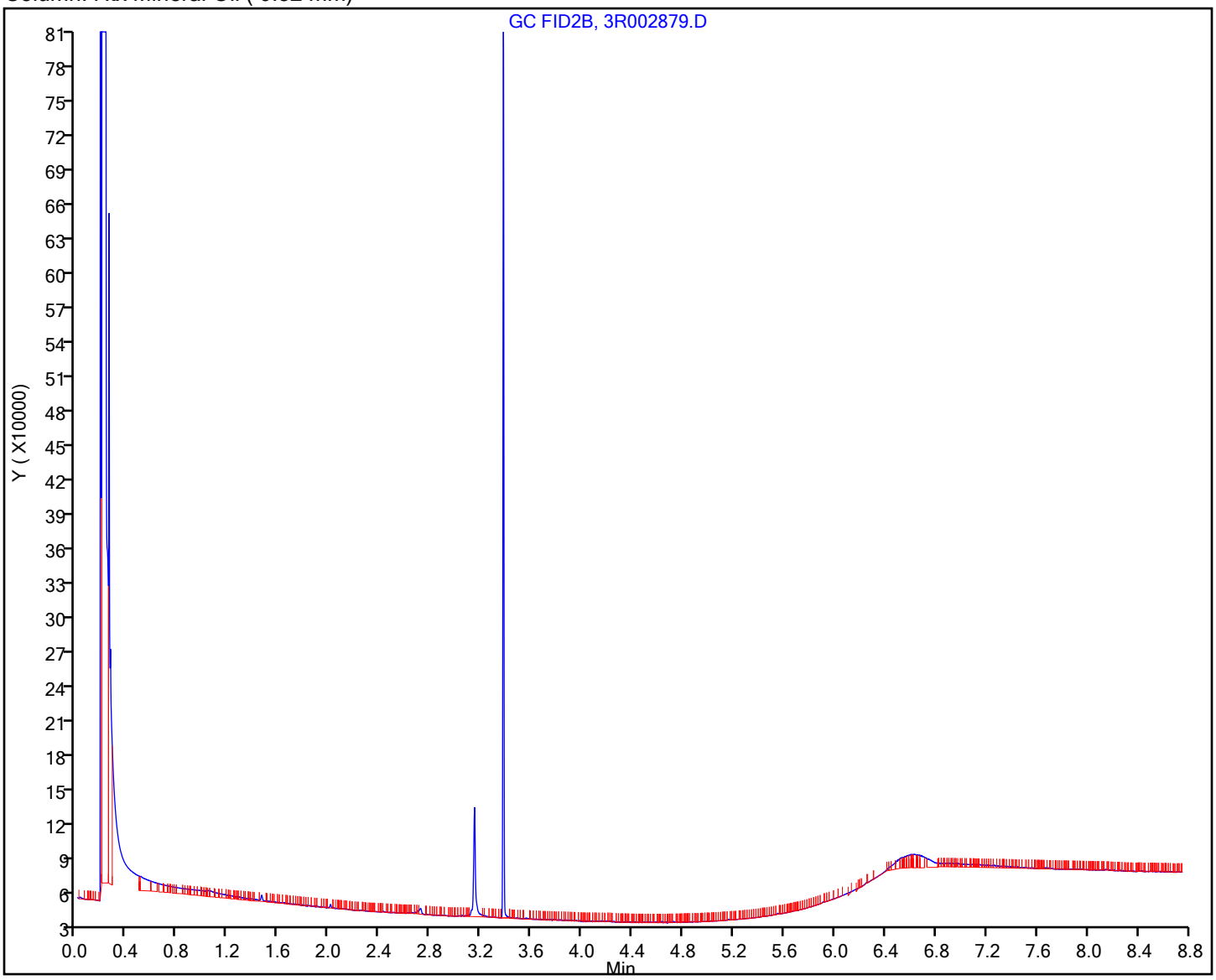
Client ID:

Operator ID: 615 ALS Bottle#: 82 Worklist Smp#: 32

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002879.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 07-Apr-2022 21:16:02 ALS Bottle#: 82 Worklist Smp#: 32
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-032
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:50 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

First Level Reviewer: infantew Date: 08-Apr-2022 10:36:01

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	20.5	102.47

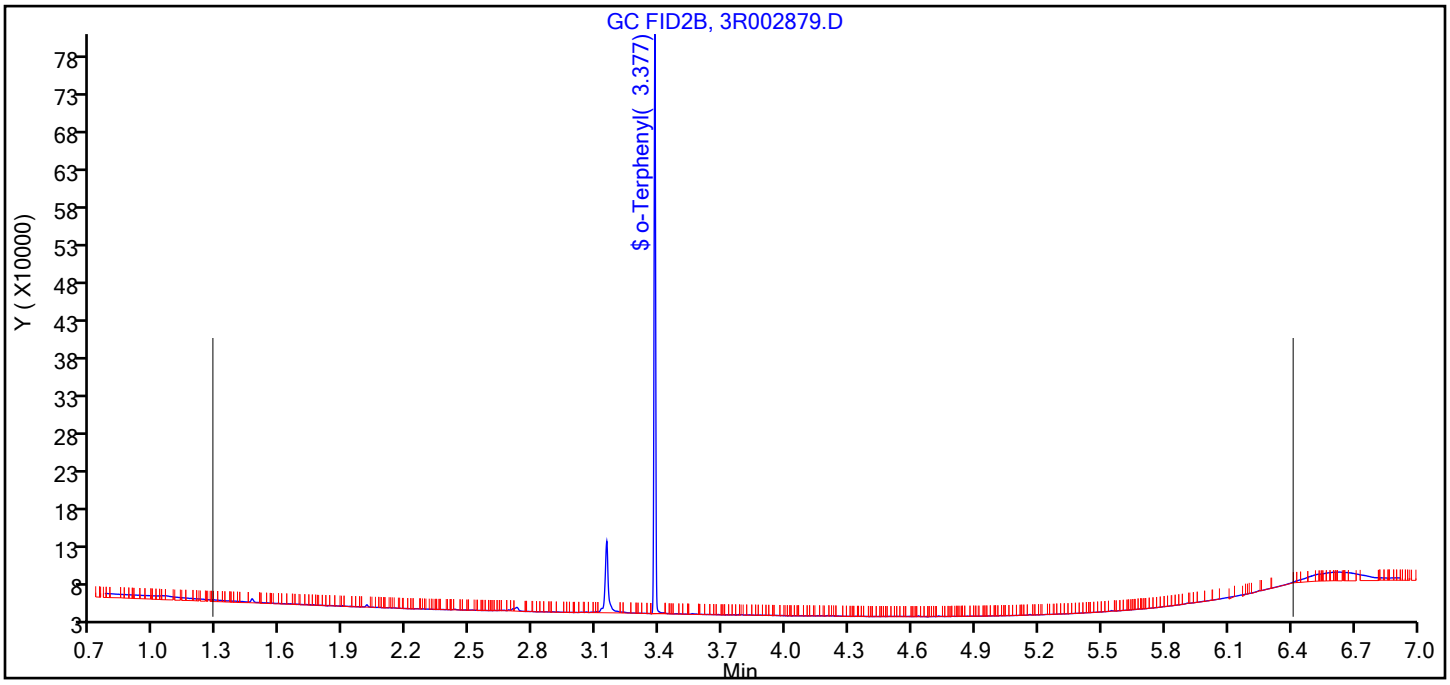
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002879.D				
Injection Date:	07-Apr-2022 21:16:02	Instrument ID:	CBNAGC3		
Lims ID:	PIBLK				
Client ID:					
Operator ID:	615	ALS Bottle#:	82	Worklist Smp#:	32
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816, Signal: 1, Type: quant, RT: 3.84

Processing Results



RT	Response	Amount
3.84	201098	11.261940
	Amount:	11.261940

Reviewer: infantew, 08-Apr-2022 10:36:00

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-837799/43

Matrix: Solid | Lab File ID: 3R002890.D

Analysis Method: 8015D | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/08/2022 01:11

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837799 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	0.029	U	0.13	0.029

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	97		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002890.D				
Lims ID:	PIBLK				
Client ID:					
Sample Type:	PIBLK				
Inject. Date:	08-Apr-2022 01:11:11	ALS Bottle#:	82	Worklist Smp#:	43
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0143721-043				
Operator ID:	615	Instrument ID:	CBNAGC3		
Method:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m				
Limit Group:	GC 8015C DRO ICAL				
Last Update:	08-Apr-2022 10:39:35	Calib Date:	24-Feb-2022 11:55:53		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D				
Column 1 :	Rtx Mineral Oil (0.32 mm)		Det: GC FID1A		
Process Host:	CTX1641				

First Level Reviewer: infantew Date: 08-Apr-2022 10:38:33

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 o-Terphenyl						
3.378	3.380	-0.002	387158	20.0	19.4	

QC Flag Legend

Processing Flags

Reagents:

SGPIBLKDRO_00021 Amount Added: 1.00 Units: mL

Report Date: 08-Apr-2022 10:40:22 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002890.D

Injection Date: 08-Apr-2022 01:11:11 Instrument ID: CBNAGC3

Lims ID: PIBLK

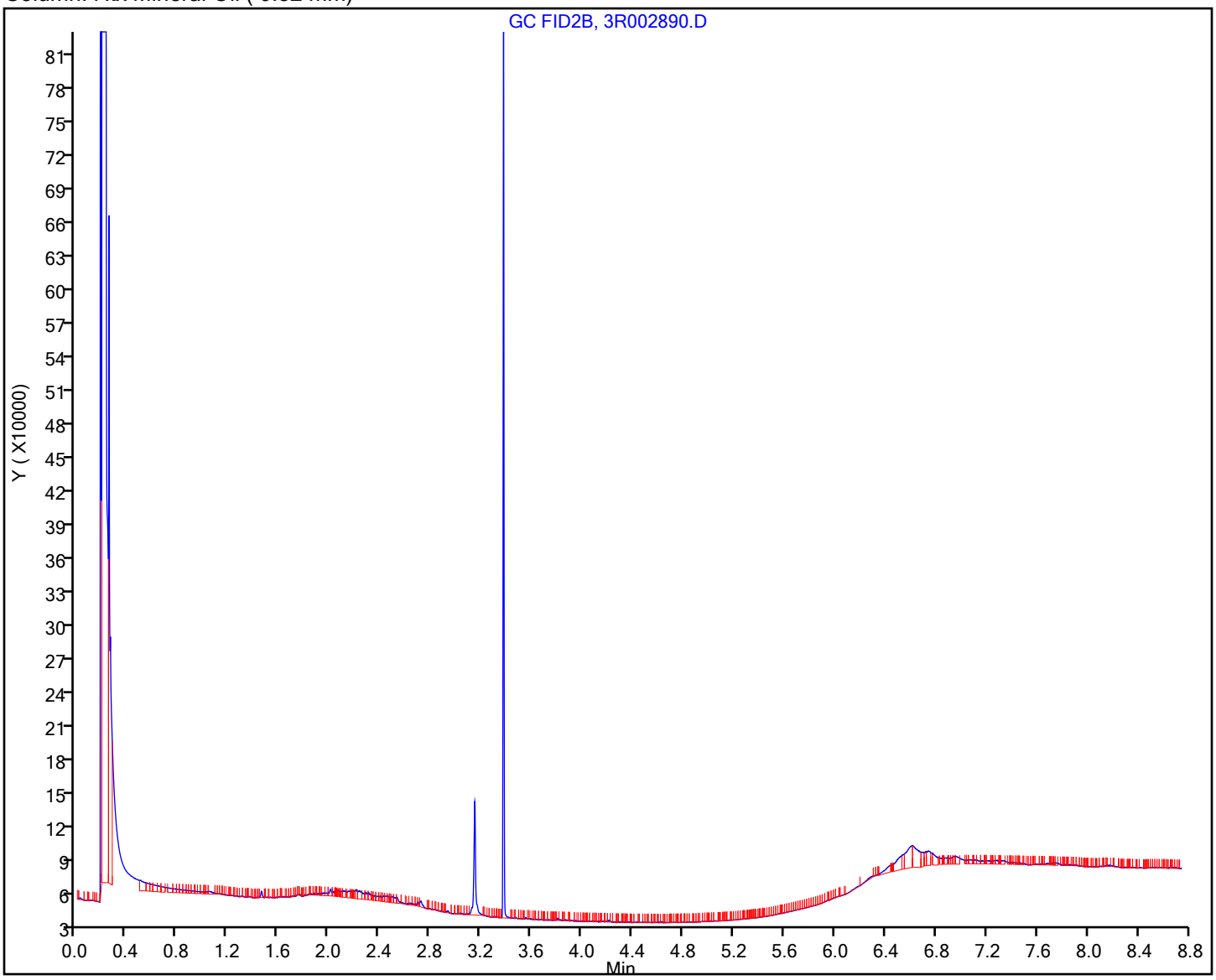
Client ID:

Operator ID: 615 ALS Bottle#: 82 Worklist Smp#: 43

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002890.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 08-Apr-2022 01:11:11 ALS Bottle#: 82 Worklist Smp#: 43
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-043
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:39:35 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

First Level Reviewer: infantew Date: 08-Apr-2022 10:38:33

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	19.4	97.07

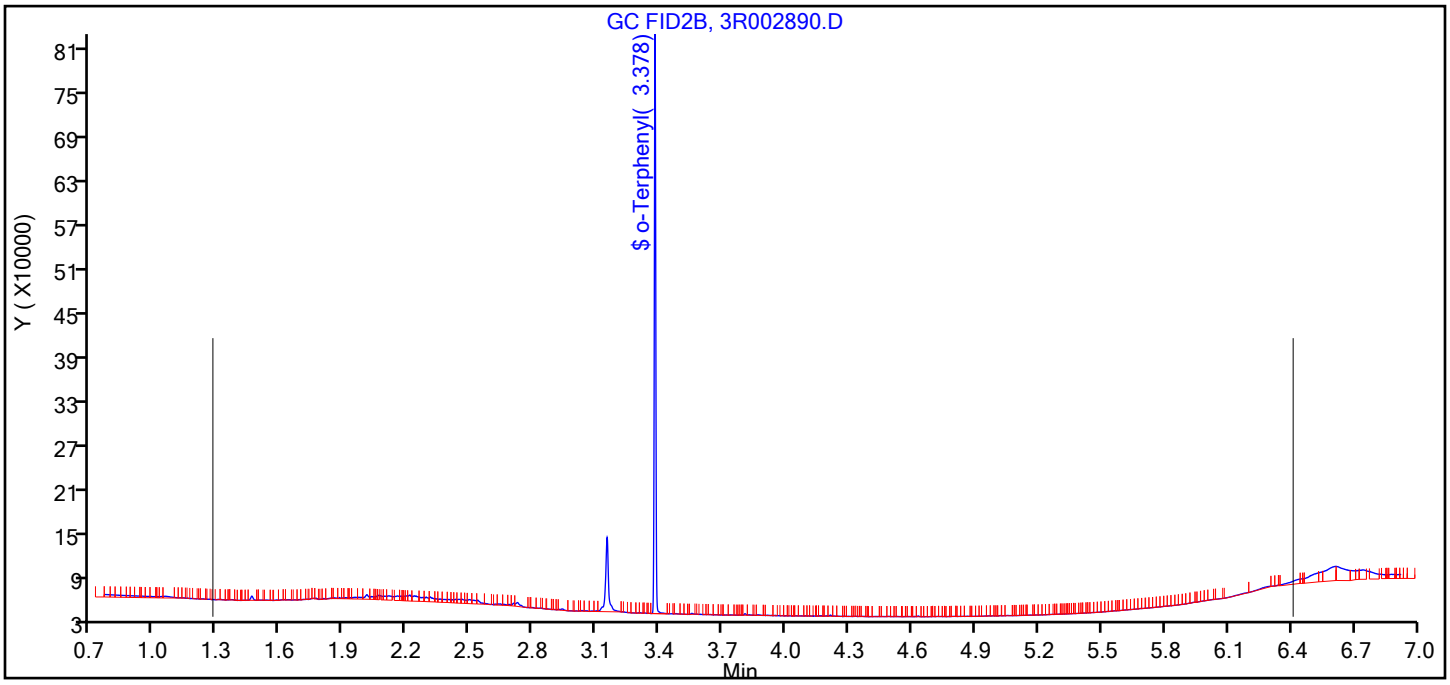
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002890.D				
Injection Date:	08-Apr-2022 01:11:11	Instrument ID:	CBNAGC3		
Lims ID:	PIBLK				
Client ID:					
Operator ID:	615	ALS Bottle#:	82	Worklist Smp#:	43
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816, Signal: 1, Type: quant, RT: 3.84

Processing Results



RT	Response	Amount
3.84	345048	19.323463
	Amount:	19.323463

Reviewer: infantew, 08-Apr-2022 10:38:32

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-837799/55

Matrix: Solid | Lab File ID: 3R002902.D

Analysis Method: 8015D | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/08/2022 08:55

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837799 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	0.029	U	0.13	0.029

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	102		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002902.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 08-Apr-2022 08:55:33 ALS Bottle#: 5 Worklist Smp#: 55
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-055
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:22 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

First Level Reviewer: infantew Date: 08-Apr-2022 10:39:35

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 o-Terphenyl						
3.375	3.380	-0.005	405348	20.0	20.3	

QC Flag Legend
Processing Flags

Reagents:
SGPIBLKDRO_00021 Amount Added: 1.00 Units: mL

Report Date: 08-Apr-2022 10:40:33 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002902.D

Injection Date: 08-Apr-2022 08:55:33 Instrument ID: CBNAGC3

Lims ID: PIBLK

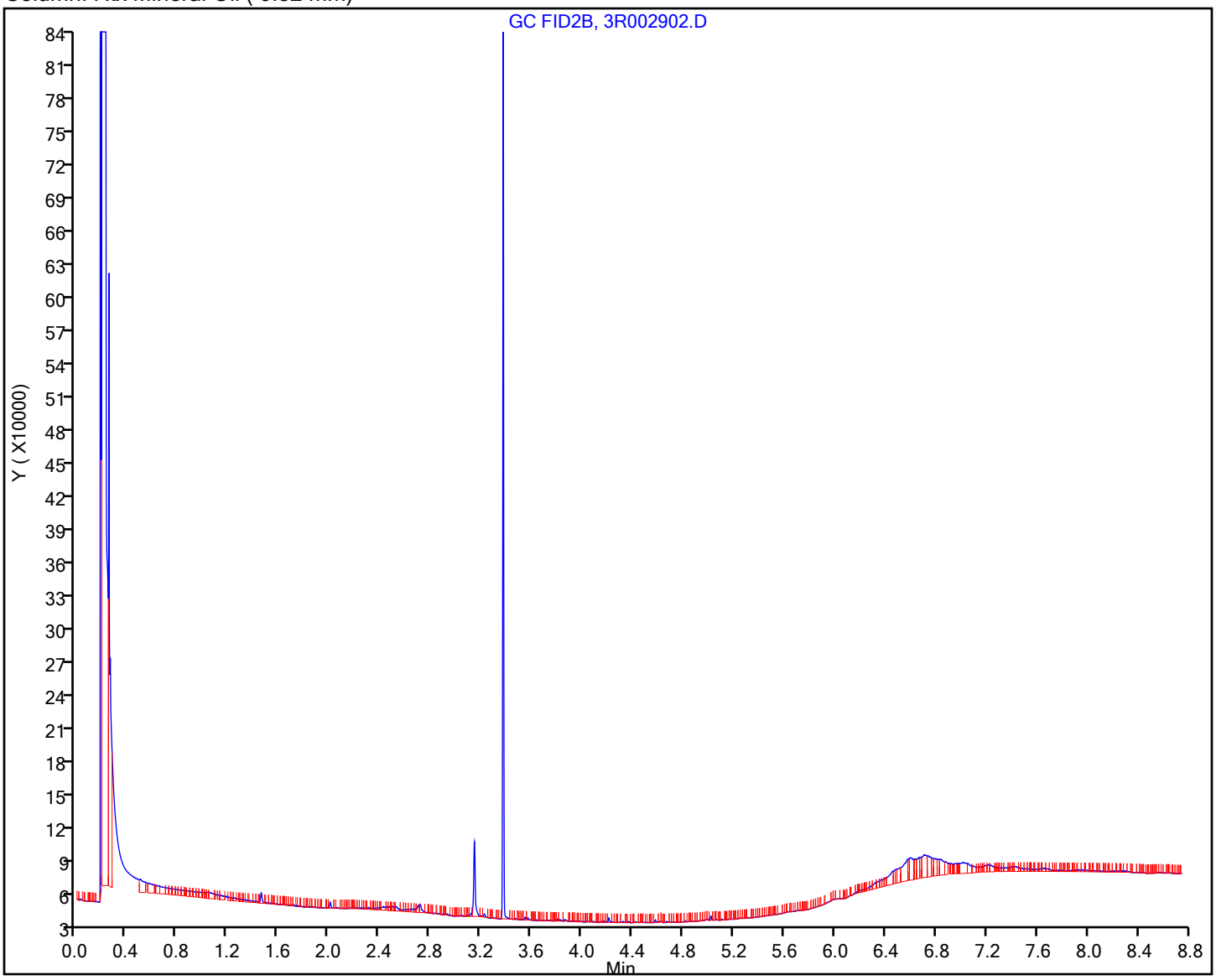
Client ID:

Operator ID: 615 ALS Bottle#: 5 Worklist Smp#: 55

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002902.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 08-Apr-2022 08:55:33 ALS Bottle#: 5 Worklist Smp#: 55
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-055
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:22 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

First Level Reviewer: infantew Date: 08-Apr-2022 10:39:35

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	20.3	101.63

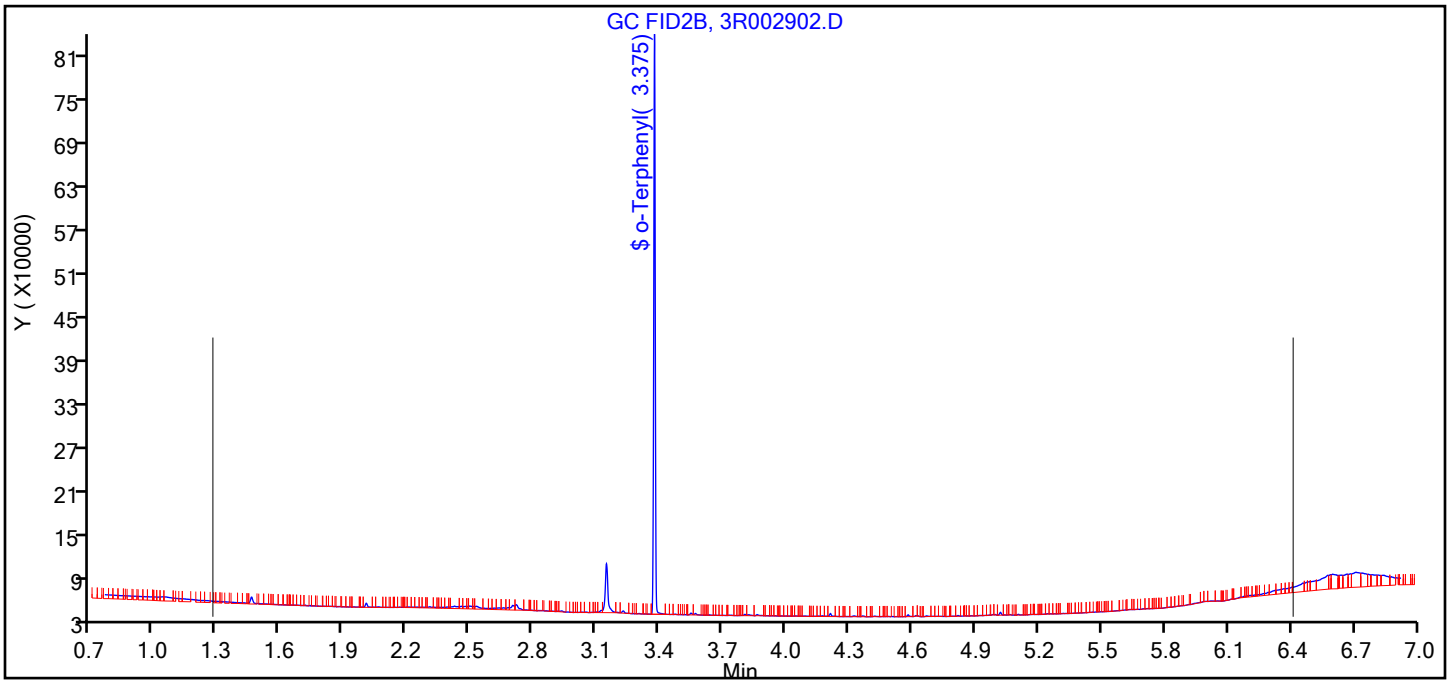
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002902.D				
Injection Date:	08-Apr-2022 08:55:33	Instrument ID:	CBNAGC3		
Lims ID:	PIBLK				
Client ID:					
Operator ID:	615	ALS Bottle#:	5	Worklist Smp#:	55
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816, Signal: 1, Type: quant, RT: 3.84

Processing Results



RT	Response	Amount
3.84	275284	15.416522
	Amount:	15.416522

Reviewer: infantew, 08-Apr-2022 10:39:34

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-837799/59

Matrix: Solid | Lab File ID: 3R002906.D

Analysis Method: 8015D | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/08/2022 10:39

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837799 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	0.029	U	0.13	0.029

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	97		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002906.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 08-Apr-2022 10:39:30 ALS Bottle#: 9 Worklist Smp#: 59
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-059
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 12:23:52 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1669

First Level Reviewer: patelji Date: 08-Apr-2022 12:23:52

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 o-Terphenyl						
3.374	3.380	-0.006	388261	20.0	19.5	

QC Flag Legend
Processing Flags

Reagents:
SGPIBLKDRO_00021 Amount Added: 1.00 Units: mL

Report Date: 08-Apr-2022 12:24:02 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002906.D

Injection Date: 08-Apr-2022 10:39:30 Instrument ID: CBNAGC3

Lims ID: PIBLK

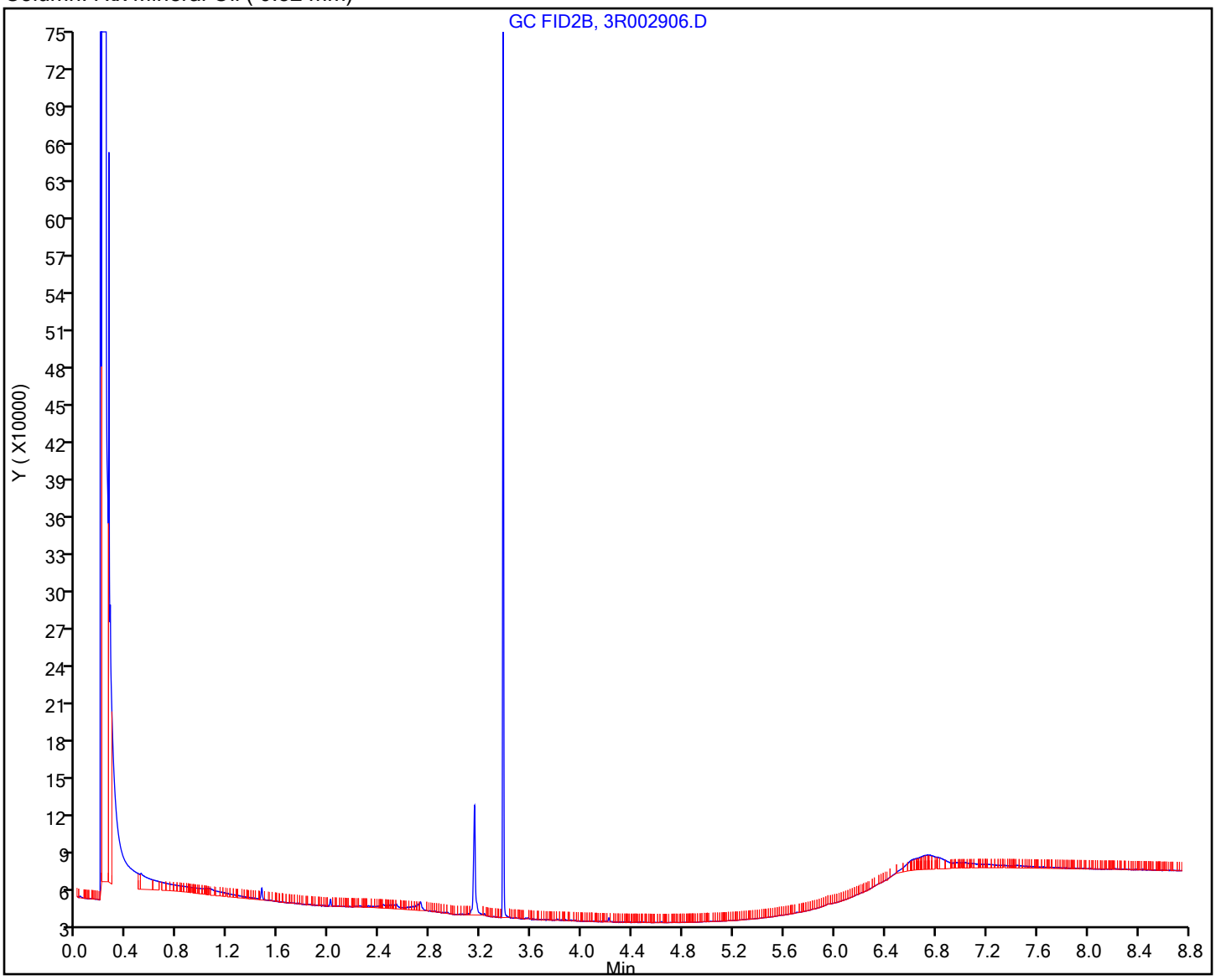
Client ID:

Operator ID: 615 ALS Bottle#: 9 Worklist Smp#: 59

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002906.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 08-Apr-2022 10:39:30 ALS Bottle#: 9 Worklist Smp#: 59
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-059
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 12:23:52 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1669

First Level Reviewer: patelji Date: 08-Apr-2022 12:23:52

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	19.5	97.35

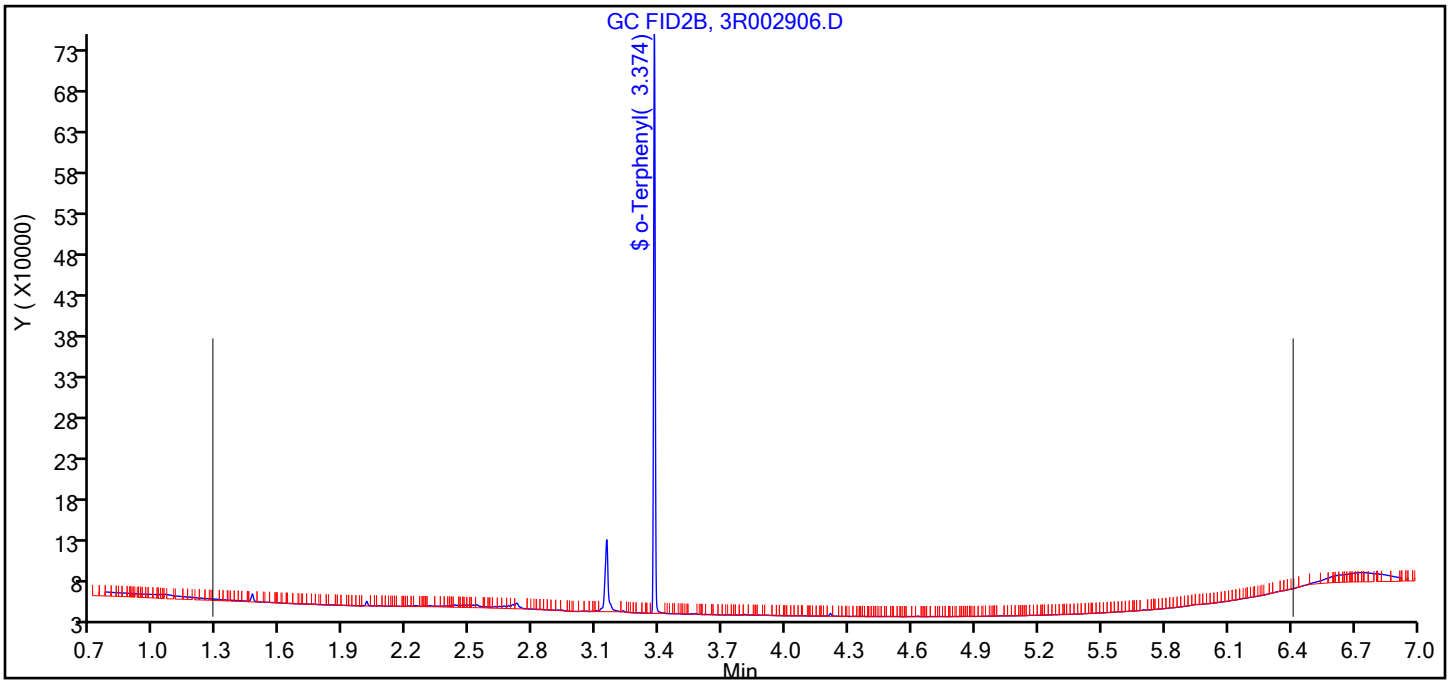
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002906.D				
Injection Date:	08-Apr-2022 10:39:30	Instrument ID:	CBNAGC3		
Lims ID:	PIBLK				
Client ID:					
Operator ID:	615	ALS Bottle#:	9	Worklist Smp#:	59
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816, Signal: 1, Type: quant, RT: 3.84

Processing Results



RT	Response	Amount
3.84	226099	12.662052
	Amount:	12.662052

Reviewer: patelji, 08-Apr-2022 12:23:44

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-839919/1

Matrix: Solid | Lab File ID: 2F146254.D

Analysis Method: 8015D | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/19/2022 06:39

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 839919 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	0.029	U	0.13	0.029

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	163	S1+	10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146254.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 19-Apr-2022 06:39:01 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144204-001
Operator ID: Instrument ID: CBNAGC2

Method: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\DRO2F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 19-Apr-2022 12:38:35 Calib Date: 23-Jan-2022 09:46:18
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1655

First Level Reviewer: asfawa Date: 19-Apr-2022 06:58:05

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 o-Terphenyl						
3.116	3.122	-0.006	373098	20.0	32.7	

Reagents:

SGPIBLKDRO_00021 Amount Added: 1.00 Units: mL

Report Date: 19-Apr-2022 12:43:19 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146254.D

Injection Date: 19-Apr-2022 06:39:01 Instrument ID: CBNAGC2

Lims ID: PIBLK

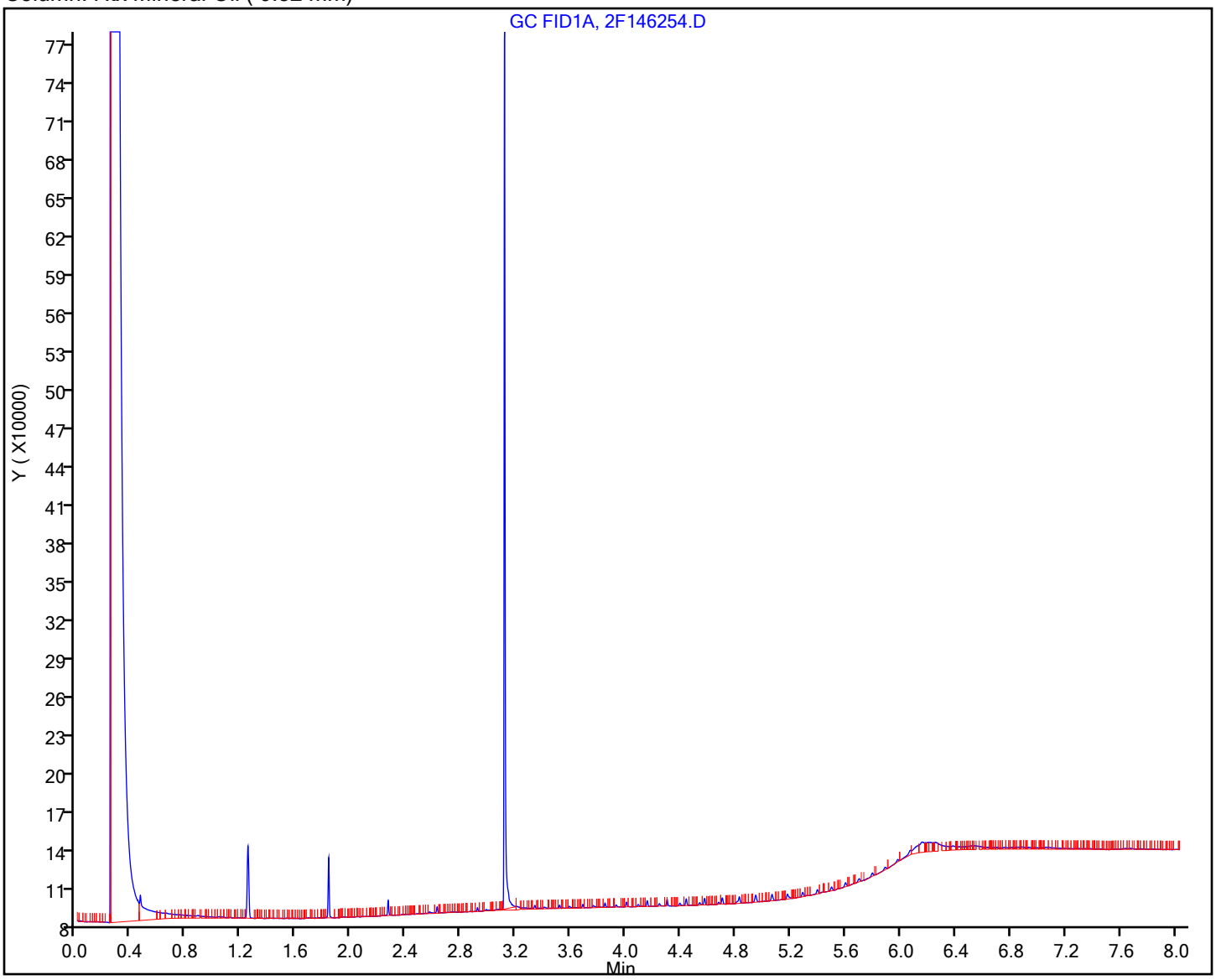
Client ID:

Operator ID: ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146254.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 19-Apr-2022 06:39:01 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144204-001
Operator ID: Instrument ID: CBNAGC2

Method: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\DRO2F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 19-Apr-2022 12:38:35 Calib Date: 23-Jan-2022 09:46:18
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1655

First Level Reviewer: asfawa Date: 19-Apr-2022 06:58:05

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	32.7	163.40

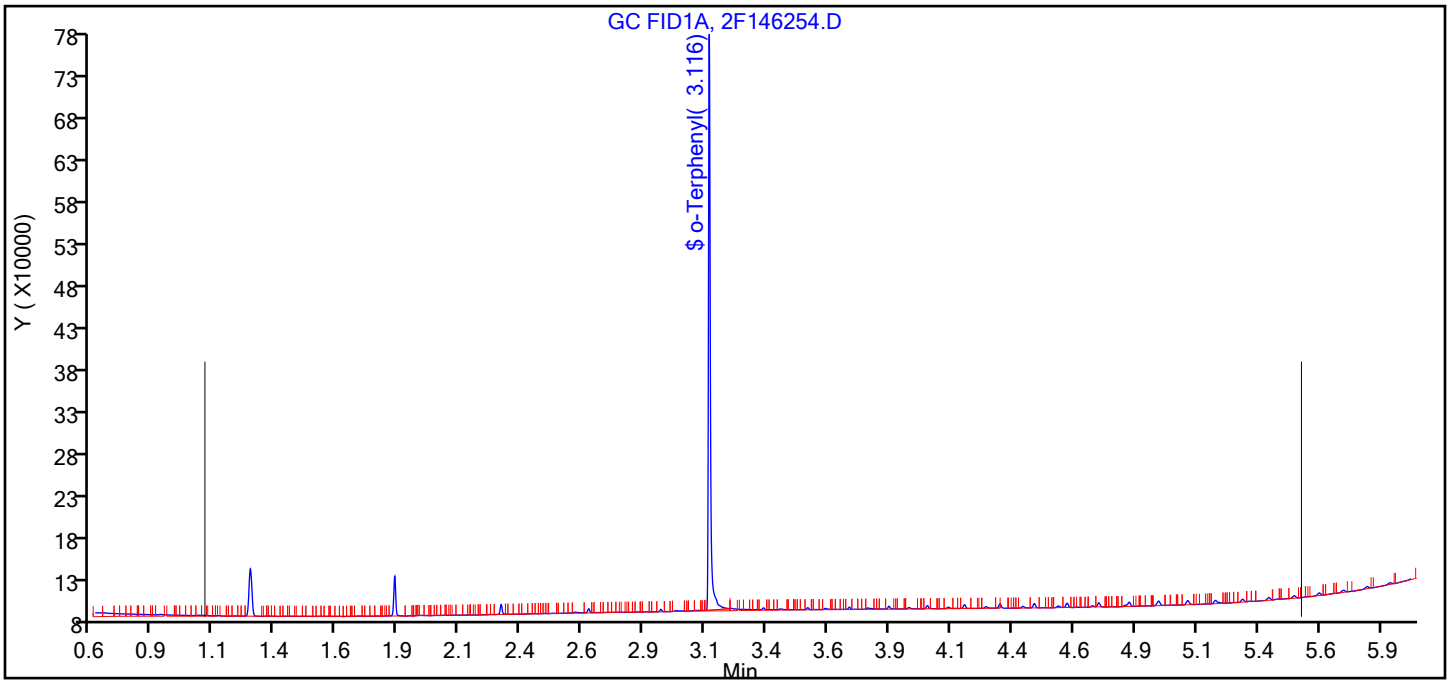
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146254.D				
Injection Date:	19-Apr-2022 06:39:01	Instrument ID:	CBNAGC2		
Lims ID:	PIBLK				
Client ID:					
Operator ID:		ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO2F	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816, Signal: 1, Type: quant, RT: 3.29

Processing Results



RT	Response	Amount
3.43	205263	18.658891
	Amount:	18.658891

Reviewer: dalanginc, 19-Apr-2022 12:29:43

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-839919/28

Matrix: Solid | Lab File ID: 2F146281.D

Analysis Method: 8015D | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/19/2022 12:52

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 839919 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	0.029	U	0.13	0.029

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	161	S1+	10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146281.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 19-Apr-2022 12:52:03 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144204-028
Operator ID: Instrument ID: CBNAGC2

Method: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\DRO2F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 19-Apr-2022 13:18:03 Calib Date: 23-Jan-2022 09:46:18
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1655

First Level Reviewer: dalanginc Date: 19-Apr-2022 13:18:03

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 o-Terphenyl						
3.120	3.122	-0.002	367644	20.0	32.2	

Reagents:

SGPIBLKDRO_00021 Amount Added: 1.00 Units: mL

Report Date: 19-Apr-2022 13:18:12 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146281.D

Injection Date: 19-Apr-2022 12:52:03 Instrument ID: CBNAGC2

Lims ID: PIBLK

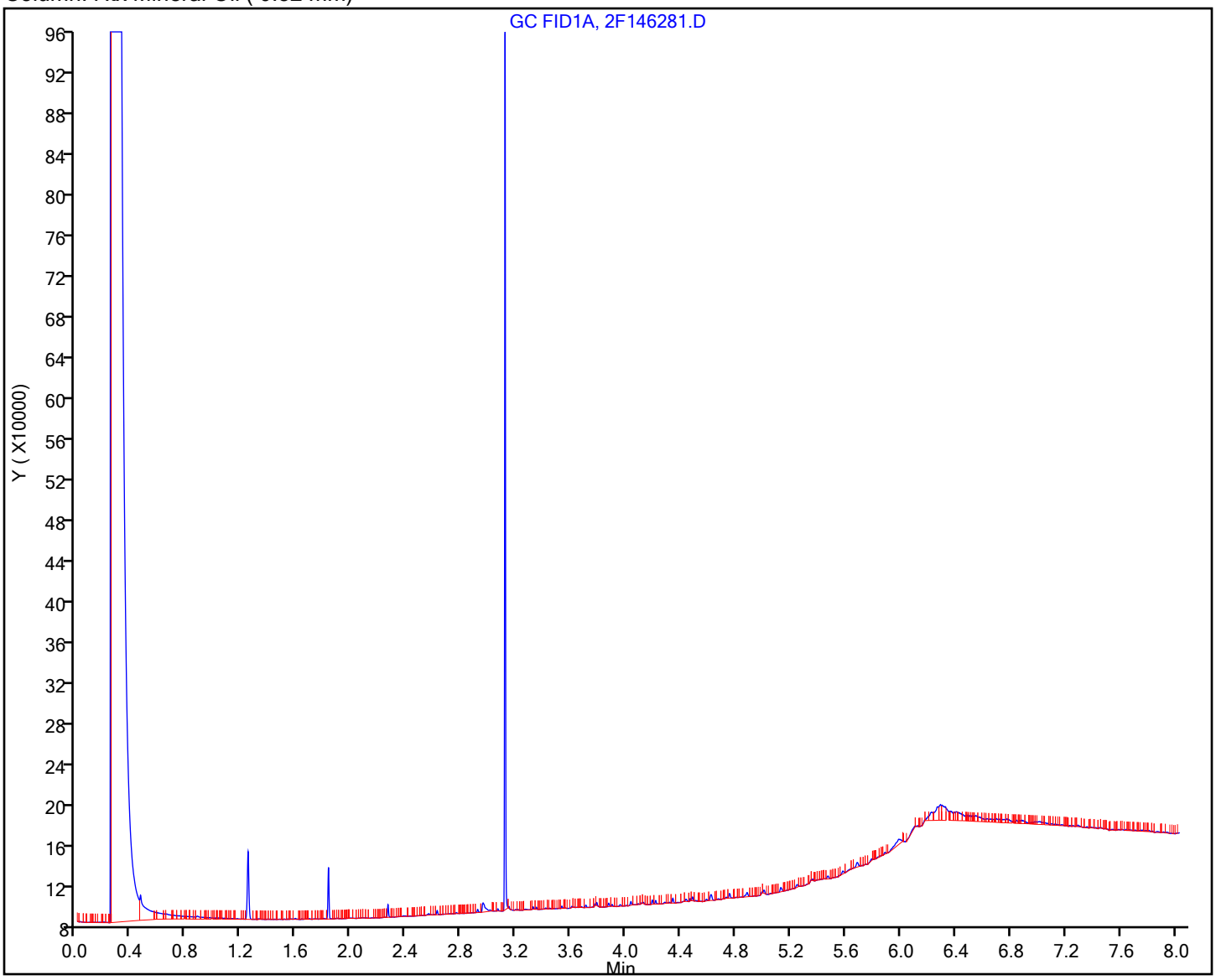
Client ID:

Operator ID: ALS Bottle#: 28 Worklist Smp#: 28

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146281.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 19-Apr-2022 12:52:03 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144204-028
Operator ID: Instrument ID: CBNAGC2

Method: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\DRO2F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 19-Apr-2022 13:18:03 Calib Date: 23-Jan-2022 09:46:18
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1655

First Level Reviewer: dalanginc Date: 19-Apr-2022 13:18:03

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	32.2	161.01

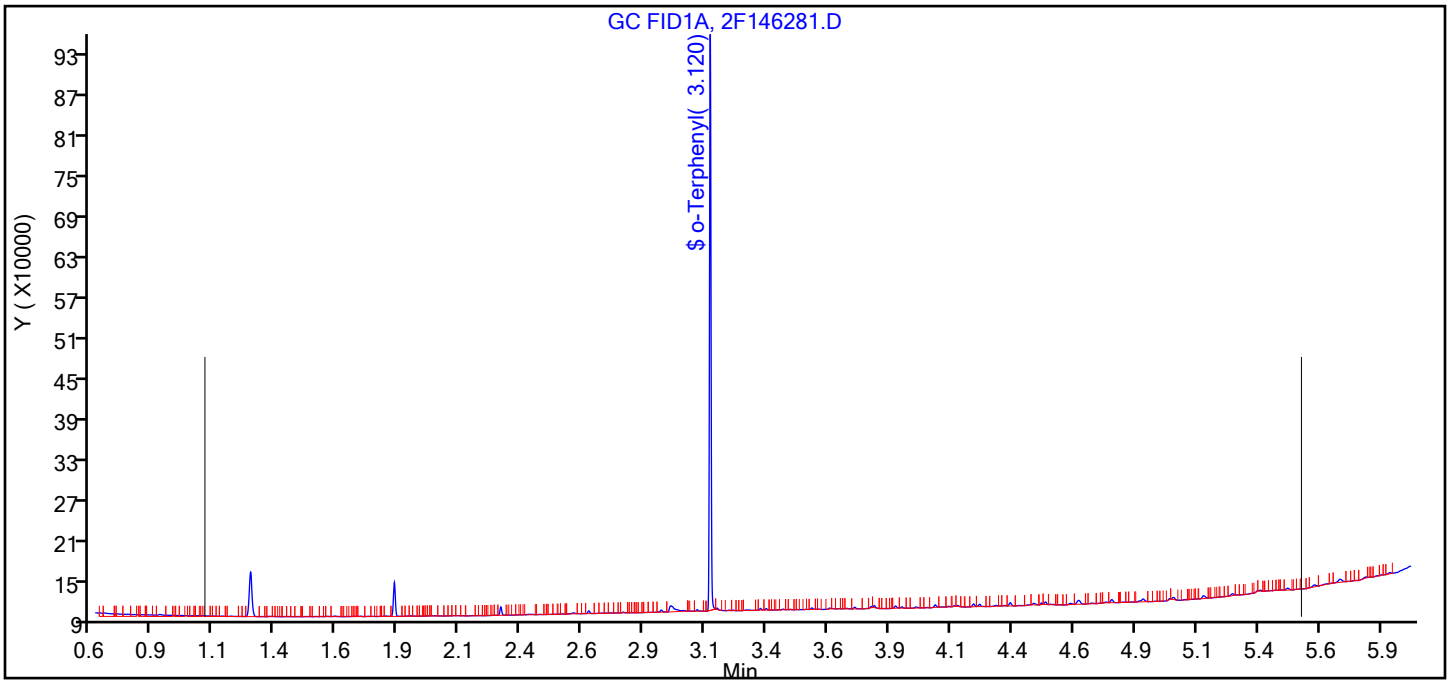
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146281.D				
Injection Date:	19-Apr-2022 12:52:03	Instrument ID:	CBNAGC2		
Lims ID:	PIBLK				
Client ID:					
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO2F	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816, Signal: 1, Type: quant, RT: 3.29

Processing Results



RT	Response	Amount
3.29	201552	18.321552
	Amount:	18.321552

Reviewer: dalanginc, 19-Apr-2022 13:17:59

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-837716/2-A

Matrix: Solid | Lab File ID: 3R002873.D

Analysis Method: 8015D | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:25

Sample wt/vol: 15.00(g) | Date Analyzed: 04/07/2022 19:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837799 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	59.2		8.7	0.55

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	89		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002873.D
Lims ID: LCS 460-837716/2-A
Client ID:
Sample Type: LCS
Inject. Date: 07-Apr-2022 19:05:51 ALS Bottle#: 76 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-026
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:50 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
A	2 C10-C28						
	3.055	(1.275-4.834)		12864650	900.0	776.7	
$	4 o-Terphenyl						
	3.376	3.380	-0.004	353500	20.0	17.7	
A	5 C10-C44						
	3.843	(1.275-6.411)		15850048	1300.0	887.6	
A	38 C28-C44						
	5.598	(4.634-6.561)		5030644	500.0	242.6	

Report Date: 08-Apr-2022 10:40:58 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002873.D

Injection Date: 07-Apr-2022 19:05:51 Instrument ID: CBNAGC3

Lims ID: LCS 460-837716/2-A

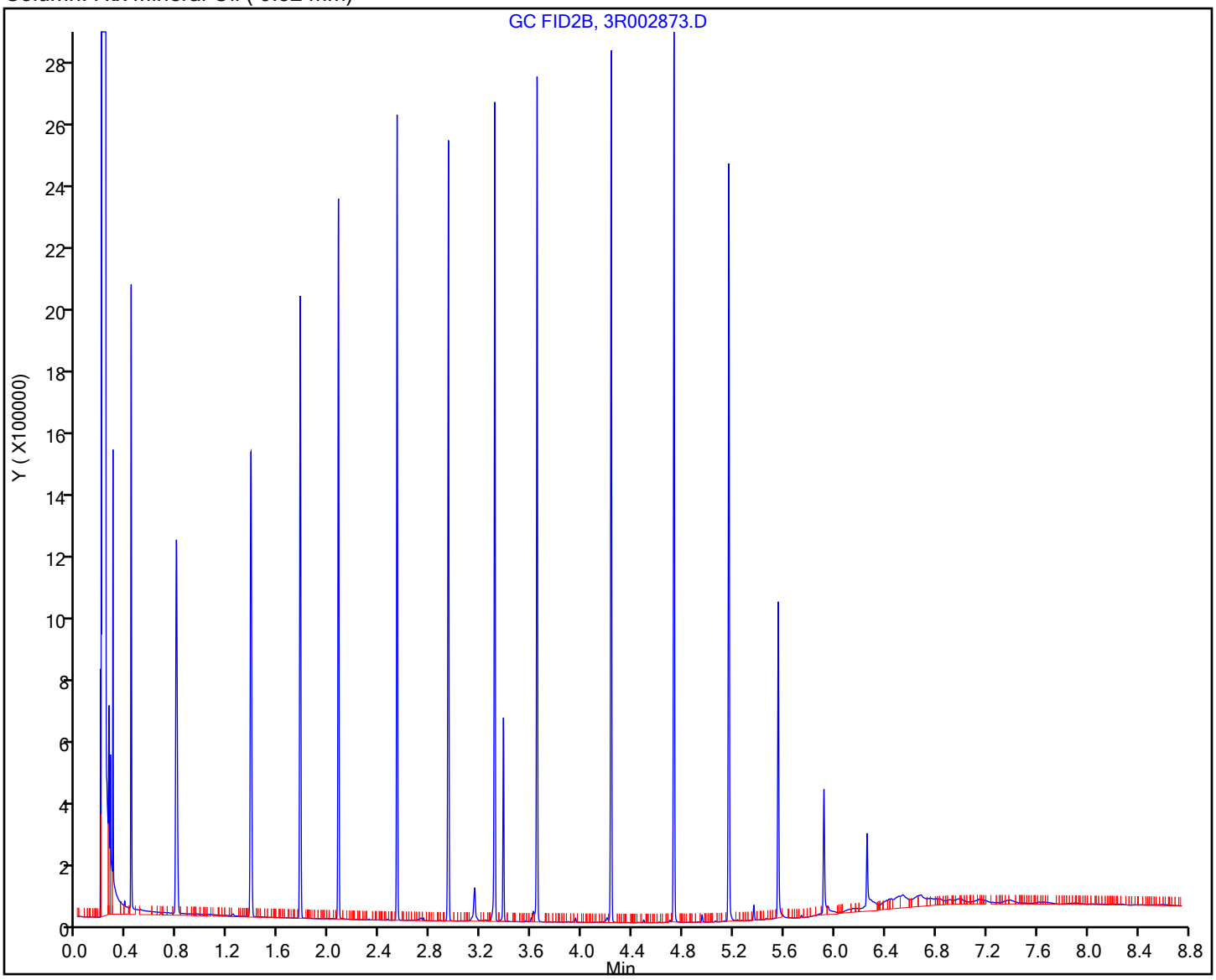
Client ID:

Operator ID: 615 ALS Bottle#: 76 Worklist Smp#: 26

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002873.D
Lims ID: LCS 460-837716/2-A
Client ID:
Sample Type: LCS
Inject. Date: 07-Apr-2022 19:05:51 ALS Bottle#: 76 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-026
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:50 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	17.7	88.63

Report Date: 08-Apr-2022 10:40:58 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002873.D

Injection Date: 07-Apr-2022 19:05:51 Instrument ID: CBNAGC3

Lims ID: LCS 460-837716/2-A

Client ID:

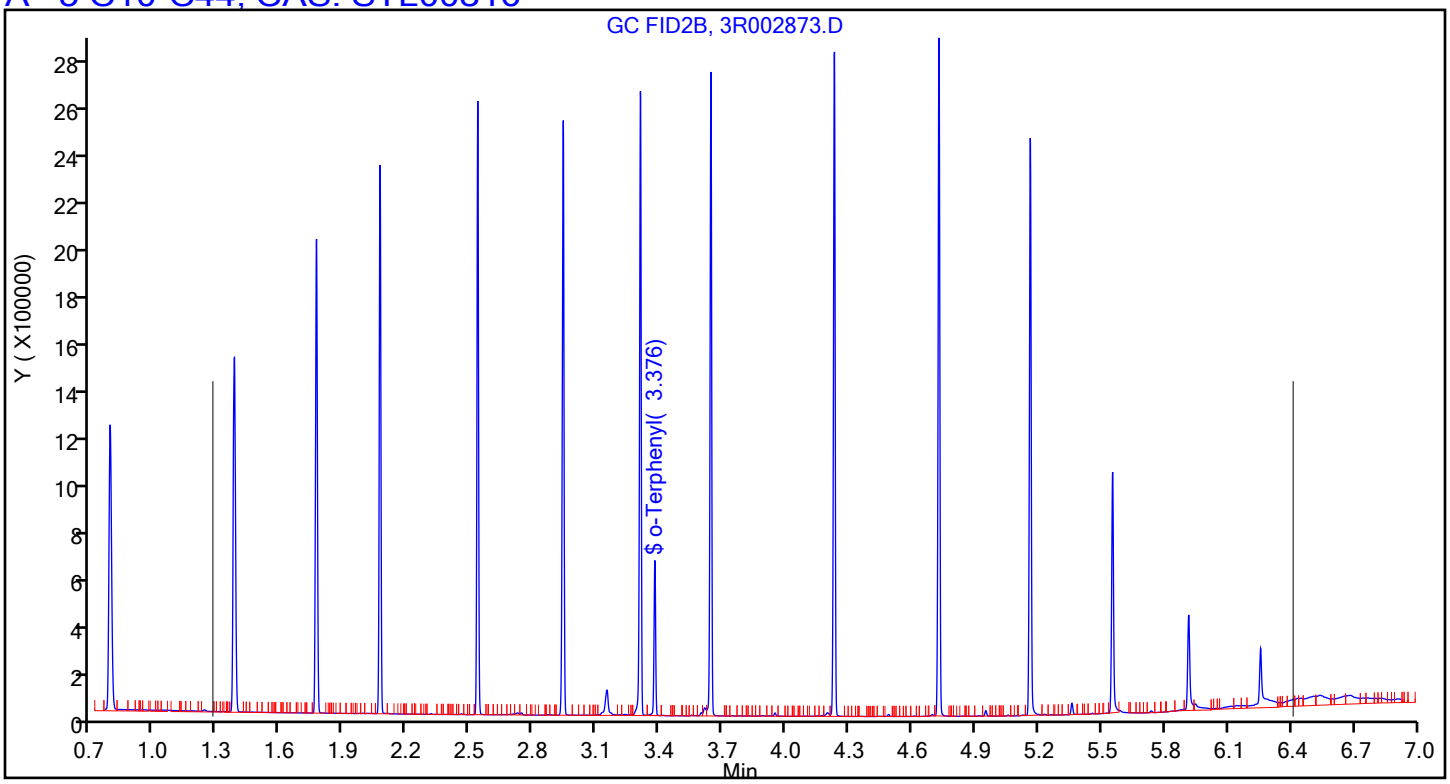
Operator ID: 615 ALS Bottle#: 76 Worklist Smp#: 26

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 5 C10-C44, CAS: STL00816



FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-839877/2-A

Matrix: Solid | Lab File ID: 2F146257.D

Analysis Method: 8015D | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/18/2022 22:17

Sample wt/vol: 15.00(g) | Date Analyzed: 04/19/2022 07:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 839919 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	63.5		8.7	0.55

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	101		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146257.D
Lims ID: LCS 460-839877/2-A
Client ID:
Sample Type: LCS
Inject. Date: 19-Apr-2022 07:49:12 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144204-004
Operator ID: Instrument ID: CBNAGC2

Method: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\DRO2F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 19-Apr-2022 12:43:20 Calib Date: 23-Jan-2022 09:46:18
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1655

First Level Reviewer: asfawa Date: 19-Apr-2022 10:20:10

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
A	3 C10-C28						
	2.708	(1.061-4.355)		7777538	900.0	774.0	
$	4 o-Terphenyl						
	3.120	3.122	-0.002	231703	20.0	20.3	
A	5 C10-C44						
	3.295	(1.061-5.529)		10485168	1300.0	953.1	
A	7 C28-C44						
	4.842	(4.155-5.529)		3853815	500.0	299.5	

QC Flag Legend
Processing Flags

Report Date: 19-Apr-2022 12:43:24 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146257.D

Injection Date: 19-Apr-2022 07:49:12 Instrument ID: CBNAGC2

Lims ID: LCS 460-839877/2-A

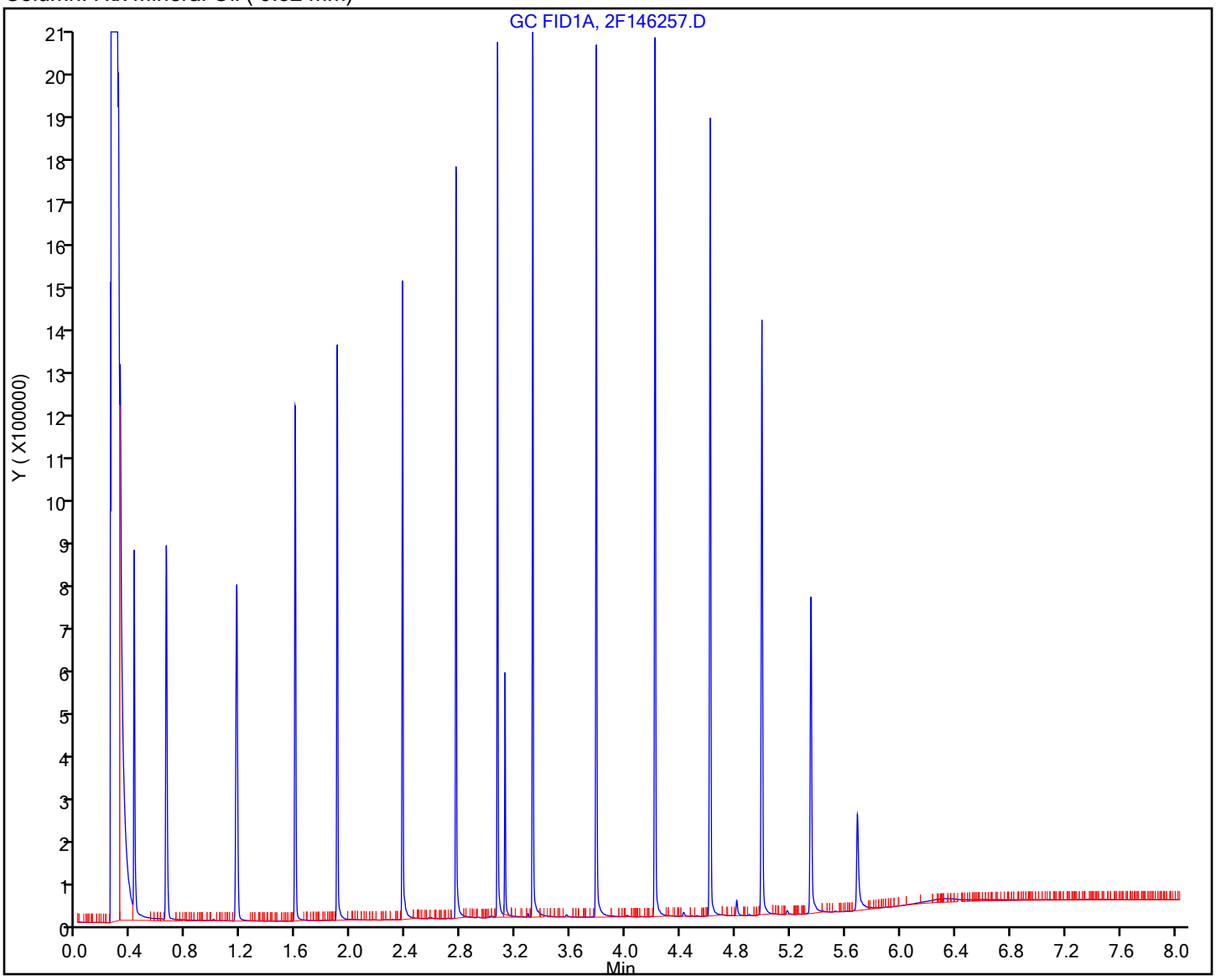
Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146257.D
Lims ID: LCS 460-839877/2-A
Client ID:
Sample Type: LCS
Inject. Date: 19-Apr-2022 07:49:12 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144204-004
Operator ID: Instrument ID: CBNAGC2

Method: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\DRO2F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 19-Apr-2022 12:43:20 Calib Date: 23-Jan-2022 09:46:18
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1655

First Level Reviewer: asfawa Date: 19-Apr-2022 10:20:10

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	20.3	101.47

Report Date: 19-Apr-2022 12:43:24 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146257.D

Injection Date: 19-Apr-2022 07:49:12 Instrument ID: CBNAGC2

Lims ID: LCS 460-839877/2-A

Client ID:

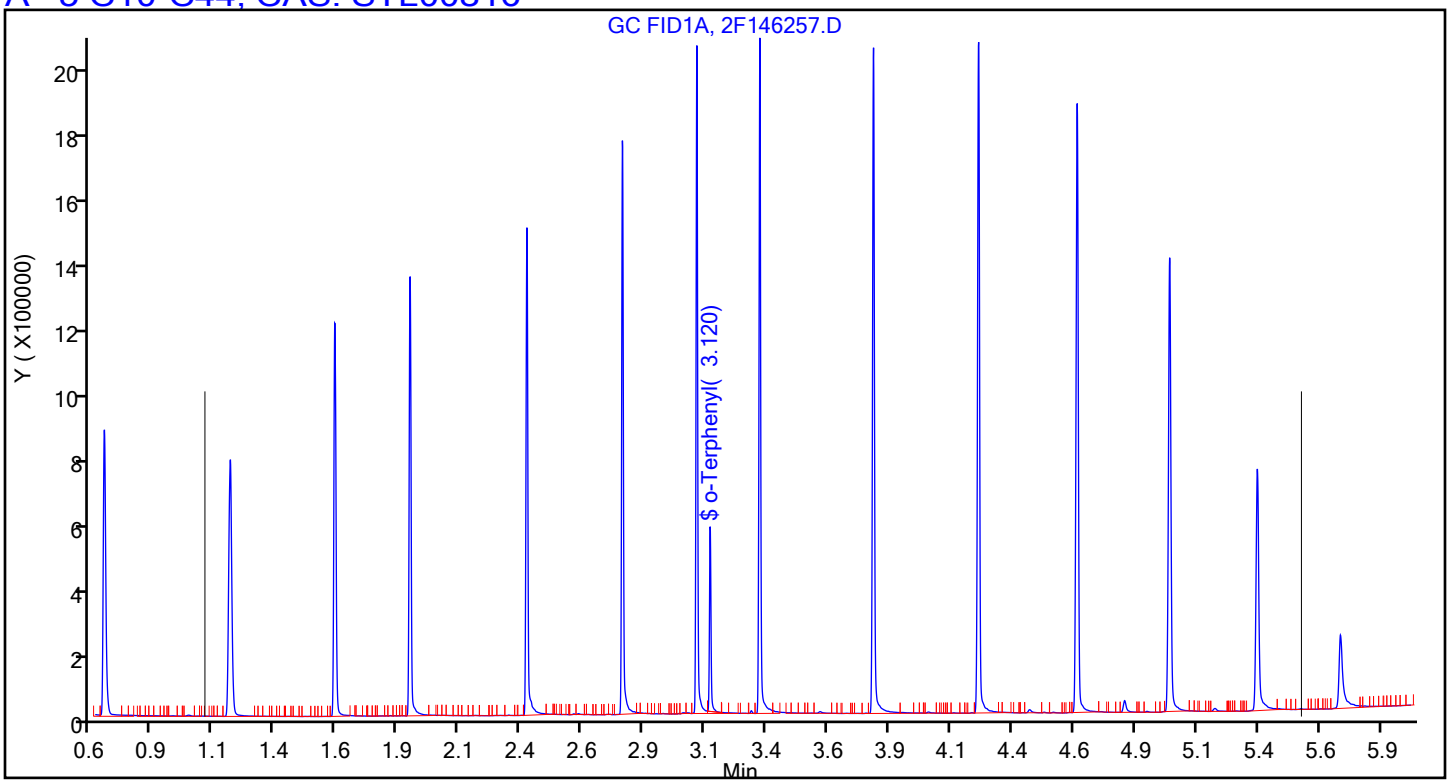
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 5 C10-C44, CAS: STL00816



FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-837716/3-A

Matrix: Solid | Lab File ID: 3R002874.D

Analysis Method: 8015D | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:25

Sample wt/vol: 15.00(g) | Date Analyzed: 04/07/2022 19:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837799 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	62.0		8.7	0.55

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	96		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002874.D
Lims ID: LCSD 460-837716/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 07-Apr-2022 19:28:12 ALS Bottle#: 77 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-027
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:50 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
A	2 C10-C28						
	3.055 (1.275-4.834)			13345158	900.0	805.7	
$	4 o-Terphenyl						
	3.377	3.380	-0.003	381876	20.0	19.1	
A	5 C10-C44						
	3.843 (1.275-6.411)			16598987	1300.0	929.6	
A	38 C28-C44						
	5.598 (4.634-6.561)			5126175	500.0	247.2	

Report Date: 08-Apr-2022 10:40:59 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002874.D

Injection Date: 07-Apr-2022 19:28:12 Instrument ID: CBNAGC3

Lims ID: LCSD 460-837716/3-A

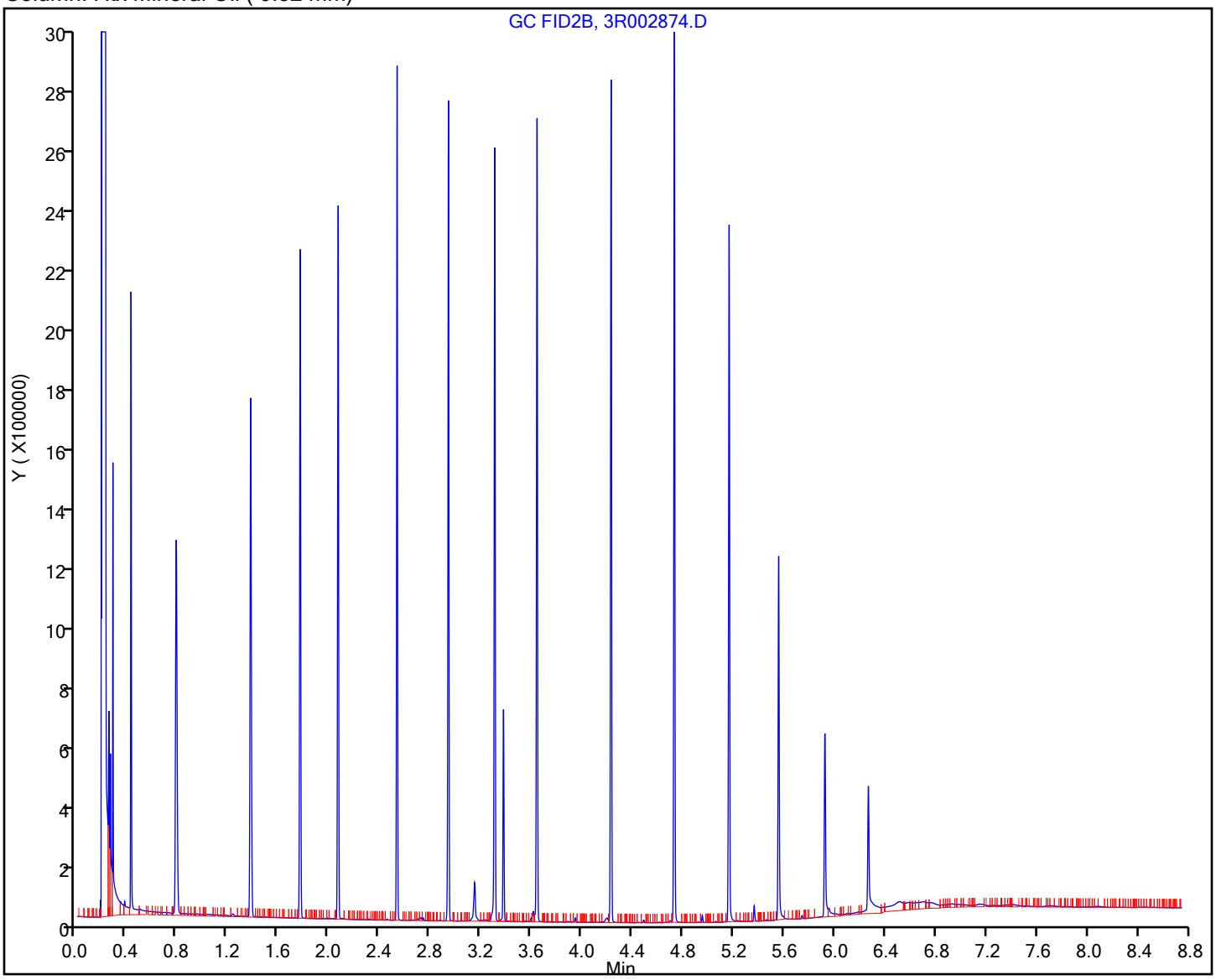
Client ID:

Operator ID: 615 ALS Bottle#: 77 Worklist Smp#: 27

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002874.D
Lims ID: LCSD 460-837716/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 07-Apr-2022 19:28:12 ALS Bottle#: 77 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-027
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:50 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	19.1	95.74

Report Date: 08-Apr-2022 10:40:59 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002874.D

Injection Date: 07-Apr-2022 19:28:12 Instrument ID: CBNAGC3

Lims ID: LCSD 460-837716/3-A

Client ID:

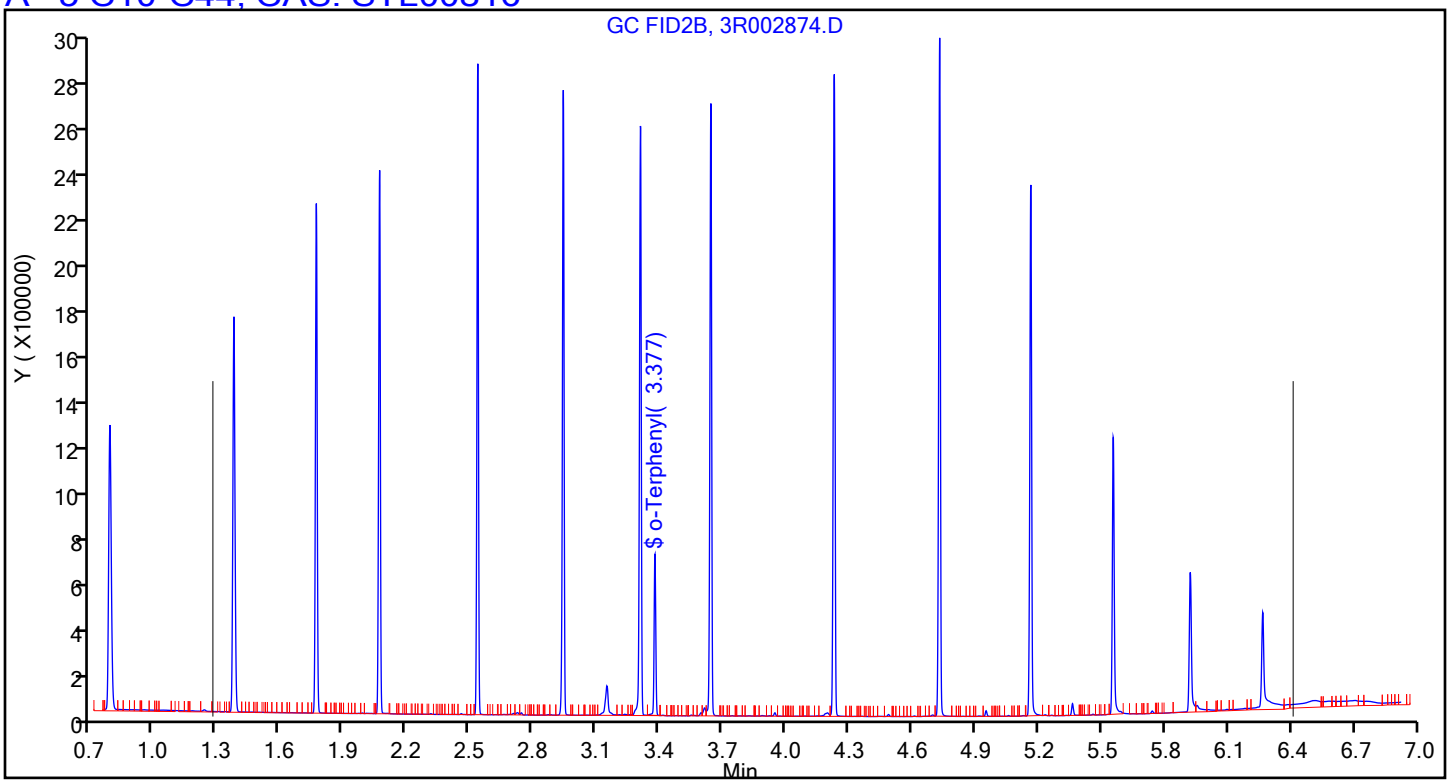
Operator ID: 615 ALS Bottle#: 77 Worklist Smp#: 27

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 5 C10-C44, CAS: STL00816



FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-839877/3-A

Matrix: Solid | Lab File ID: 2F146258.D

Analysis Method: 8015D | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/18/2022 22:17

Sample wt/vol: 15.00(g) | Date Analyzed: 04/19/2022 08:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 839919 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	69.1		8.7	0.55

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	111		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146258.D
Lims ID: LCSD 460-839877/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 19-Apr-2022 08:01:44 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144204-005
Operator ID: Instrument ID: CBNAGC2

Method: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\DRO2F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 19-Apr-2022 12:43:20 Calib Date: 23-Jan-2022 09:46:18
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1655

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
A	3 C10-C28						
	2.708 (1.061-4.355)			8361921	900.0	832.1	
$	4 o-Terphenyl						
	3.117	3.122	-0.005	252518	20.0	22.1	
A	5 C10-C44						
	3.295 (1.061-5.529)			11394834	1300.0	1035.8	
A	7 C28-C44						
	4.842 (4.155-5.529)			4263750	500.0	331.4	

Report Date: 19-Apr-2022 12:43:25 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146258.D

Injection Date: 19-Apr-2022 08:01:44 Instrument ID: CBNAGC2

Lims ID: LCSD 460-839877/3-A

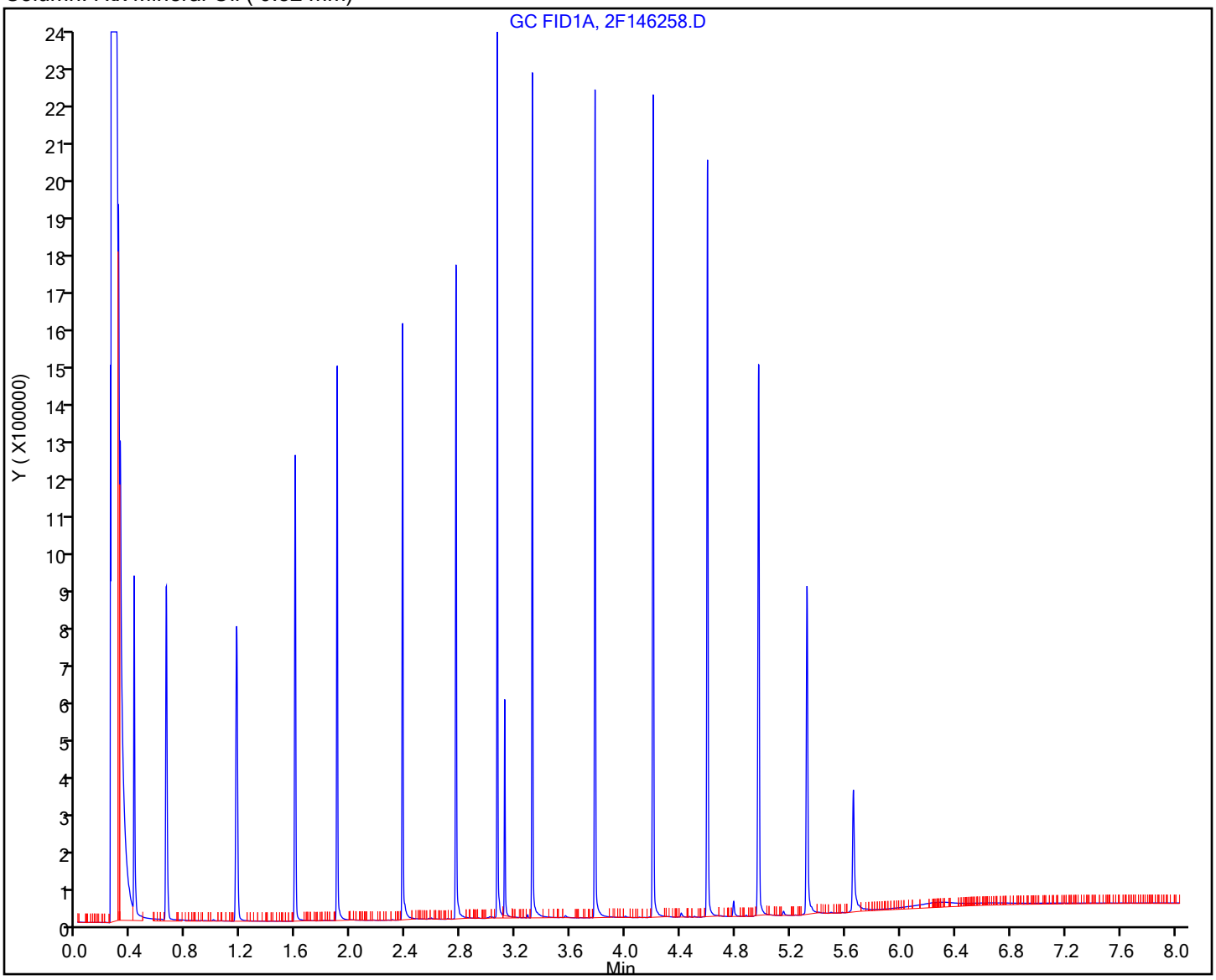
Client ID:

Operator ID: ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146258.D
Lims ID: LCSD 460-839877/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 19-Apr-2022 08:01:44 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144204-005
Operator ID: Instrument ID: CBNAGC2

Method: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\DRO2F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 19-Apr-2022 12:43:20 Calib Date: 23-Jan-2022 09:46:18
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1655

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	22.1	110.59

Report Date: 19-Apr-2022 12:43:25 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146258.D

Injection Date: 19-Apr-2022 08:01:44 Instrument ID: CBNAGC2

Lims ID: LCSD 460-839877/3-A

Client ID:

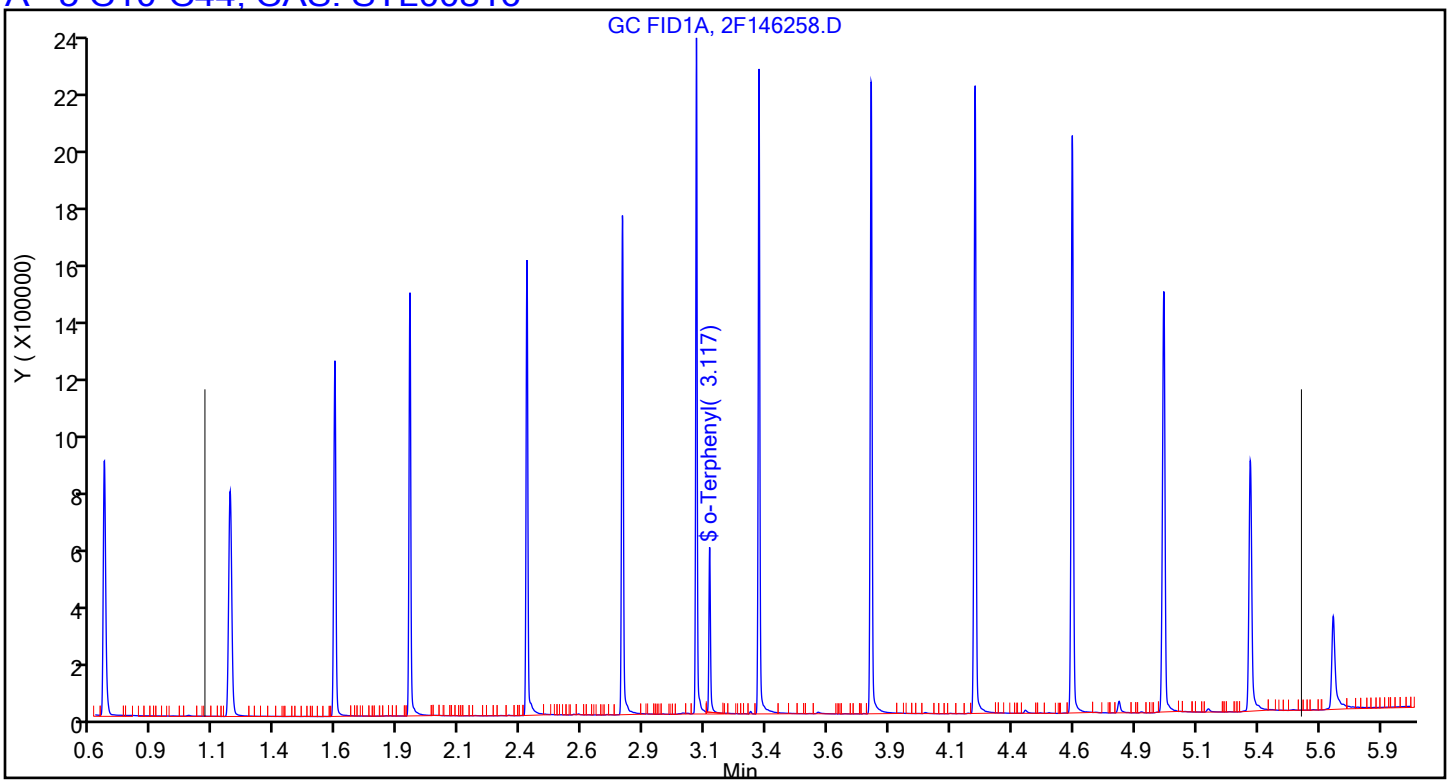
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 5 C10-C44, CAS: STL00816



FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-255621-A-1-A MS

Matrix: Solid | Lab File ID: 3R002877.D

Analysis Method: 8015D | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:25

Sample wt/vol: 15.08(g) | Date Analyzed: 04/07/2022 20:33

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: 16.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837799 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	94.3		10	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	92		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002877.D
Lims ID: 460-255621-A-1-A MS
Client ID:
Sample Type: MS
Inject. Date: 07-Apr-2022 20:33:23 ALS Bottle#: 80 Worklist Smp#: 30
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-030
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:50 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

First Level Reviewer: infantew Date: 08-Apr-2022 10:35:45

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						M
	1.373	1.375	-0.002	1217476		85.5	M
A	3 #2 Diesel Fuel						M
	3.055	(1.275-4.834)		16361056		NC	M
A	2 C10-C28						M
	3.055	(1.275-4.834)		16361056	900.0	987.8	M
$	4 o-Terphenyl						
	3.377	3.380	-0.003	365801	20.0	18.3	
A	5 C10-C44						M
	3.843	(1.275-6.411)		21103084	1300.0	1181.8	M
	6 n-Octacosane						M
	4.732	4.734	-0.002	1723489		90.2	M
	7 Qualitative Method						M
	5.360	5.343	0.017	76083		NC	M
A	38 C28-C44						M
	5.598	(4.634-6.561)		7027823	500.0	338.9	M
	8 Tetratetracontane						M
	6.334	6.311	0.023	96814		4.91	M

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated

Report Date: 08-Apr-2022 10:41:05 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002877.D

Injection Date: 07-Apr-2022 20:33:23 Instrument ID: CBNAGC3

Lims ID: 460-255621-A-1-A MS

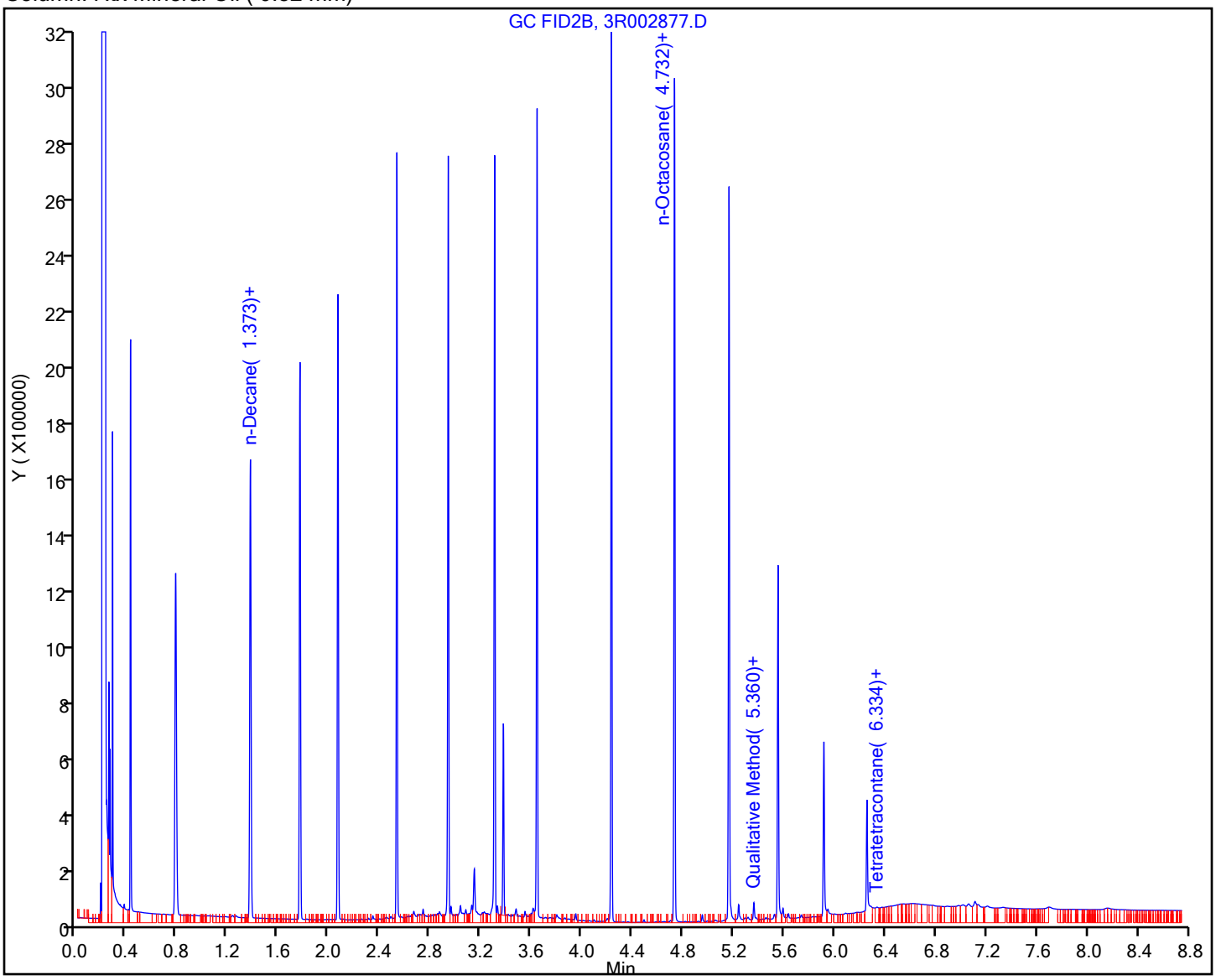
Client ID:

Operator ID: 615 ALS Bottle#: 80 Worklist Smp#: 30

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002877.D
Lims ID: 460-255621-A-1-A MS
Client ID:
Sample Type: MS
Inject. Date: 07-Apr-2022 20:33:23 ALS Bottle#: 80 Worklist Smp#: 30
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-030
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:50 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

First Level Reviewer: infantew Date: 08-Apr-2022 10:35:45

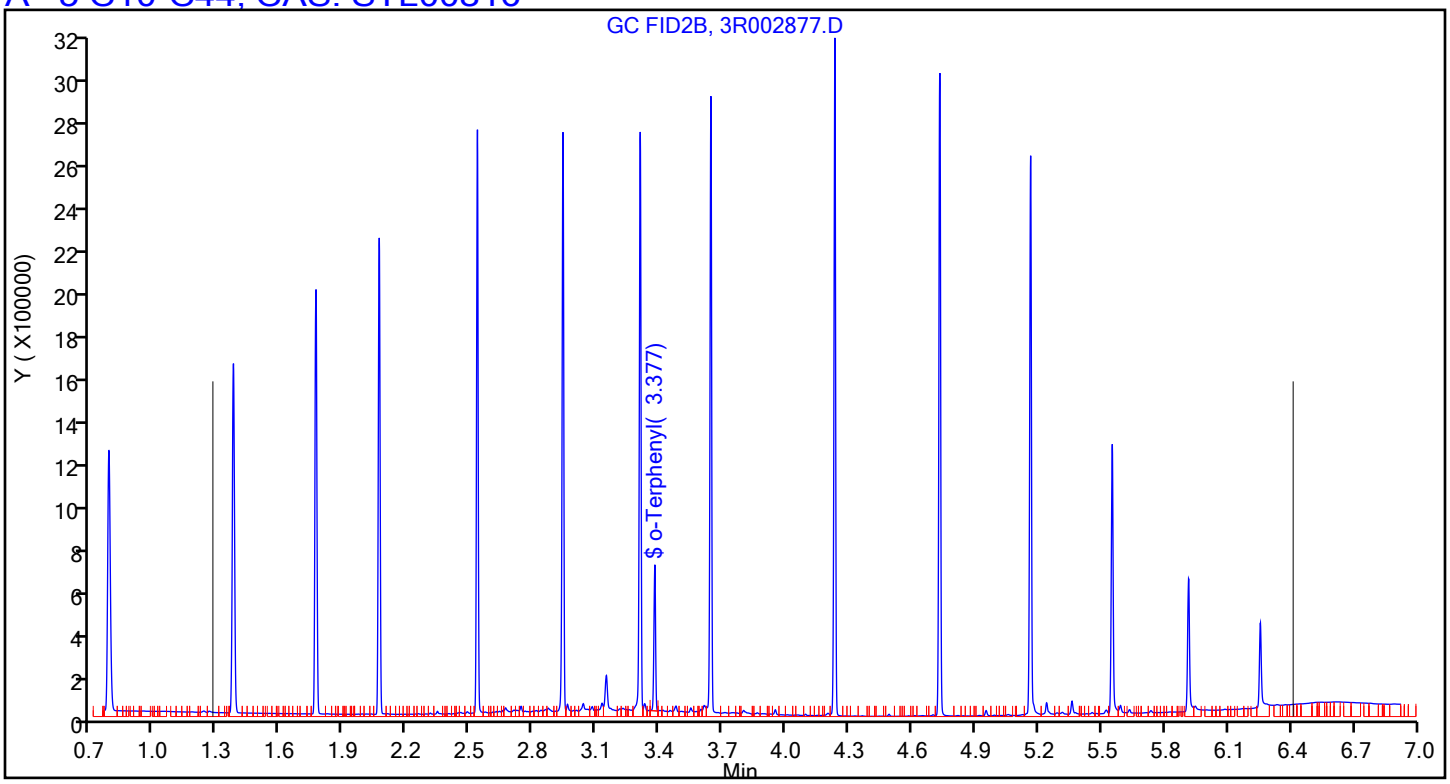
Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	18.3	91.71

Report Date: 08-Apr-2022 10:41:05 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002877.D				
Injection Date:	07-Apr-2022 20:33:23	Instrument ID:	CBNAGC3		
Lims ID:	460-255621-A-1-A MS				
Client ID:					
Operator ID:	615	ALS Bottle#:	80	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, CAS: STL00816



Manual Integration/User Assign Peak Report

Eurofins Edison

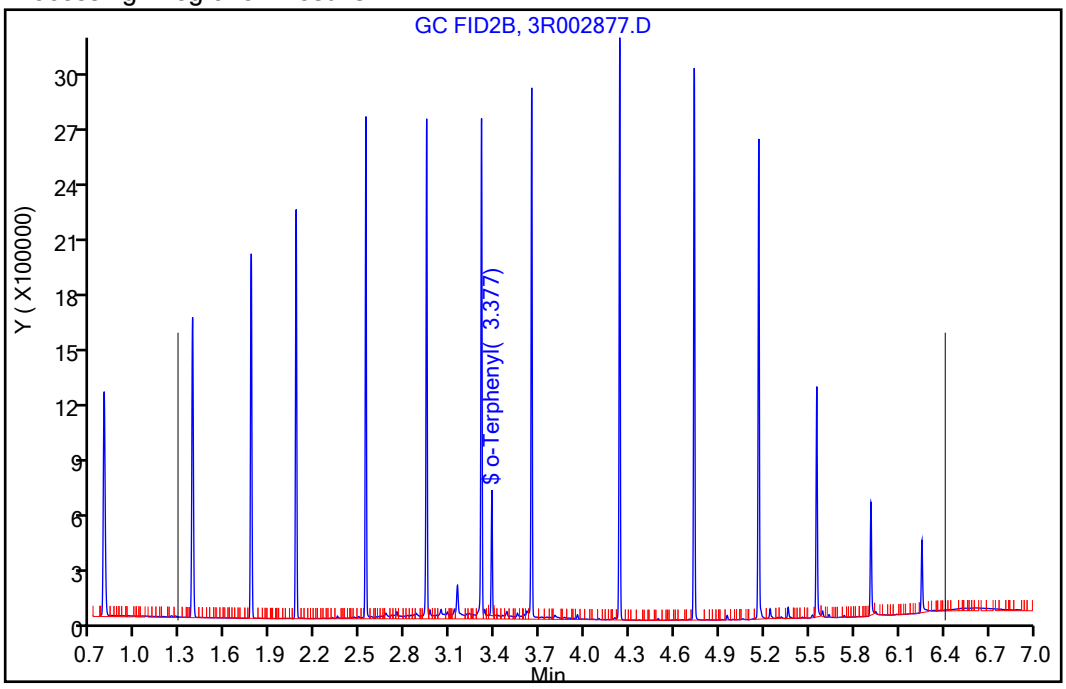
Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002877.D				
Injection Date:	07-Apr-2022 20:33:23	Instrument ID:	CBNAGC3		
Lims ID:	460-255621-A-1-A MS				
Client ID:					
Operator ID:	615	ALS Bottle#:	80	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, RT: 3.843, CAS: STL00816

Signal: 1

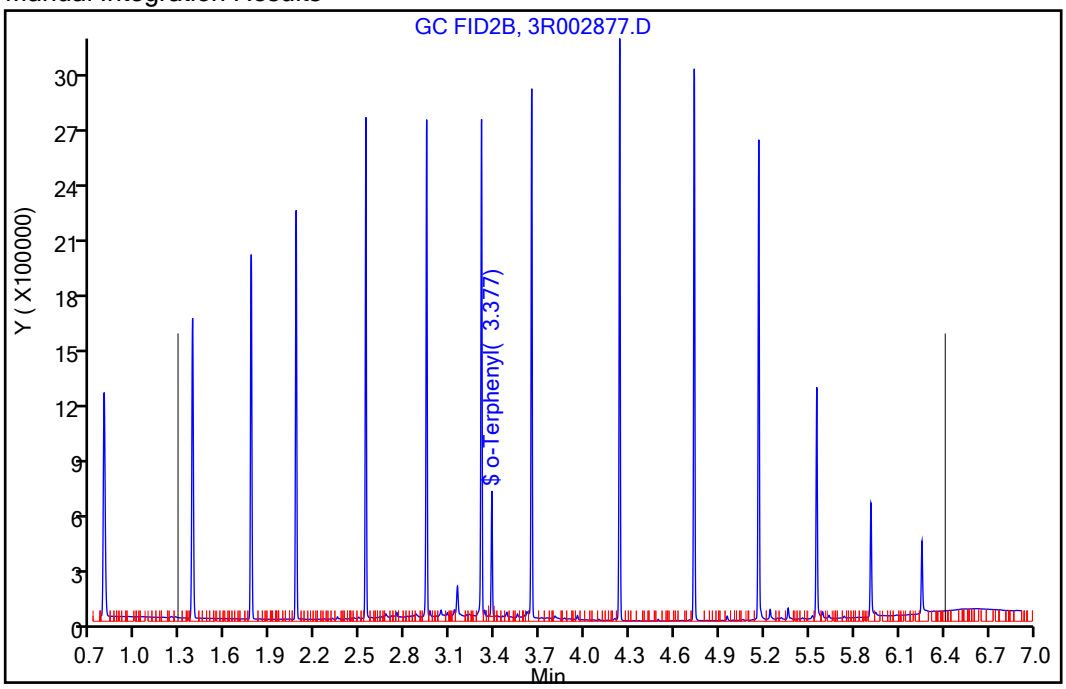
Processing Integration Results

RT: 3.84
Response: 17809655
Amount: 997.3807



Manual Integration Results

RT: 3.84
Response: 21103084
Amount: 1181.8201



Reviewer: infantew, 08-Apr-2022 10:35:44

Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-256383-B-1-A MS

Matrix: Solid | Lab File ID: 2F146259.D

Analysis Method: 8015D | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/18/2022 22:17

Sample wt/vol: 15.04(g) | Date Analyzed: 04/19/2022 08:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: 3.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 839919 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	289		9.0	0.56

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	111		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146259.D
Lims ID: 460-256383-B-1-A MS
Client ID:
Sample Type: MS
Inject. Date: 19-Apr-2022 08:14:23 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144204-006
Operator ID: Instrument ID: CBNAGC2

Method: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\DRO2F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 19-Apr-2022 12:43:20 Calib Date: 23-Jan-2022 09:46:18
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1655

First Level Reviewer: asfawa Date: 19-Apr-2022 10:21:25

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						M
	1.165	1.161	0.004	660210		76.0	M
A	3 C10-C28						M
	2.708	(1.061-4.355)		35681805	900.0	3550.8	M
A	2 #2 Diesel Fuel						
	2.742	(1.038-4.447)		36091112		NC	
$	4 o-Terphenyl						M
	3.118	3.122	-0.004	254294	20.0	22.3	M
A	5 C10-C44						M
	3.295	(1.061-5.529)		46310264	1300.0	4209.7	M
	6 n-Octacosane						M
	4.267	4.255	0.012	83964		7.17	M
A	7 C28-C44						M
	4.842	(4.155-5.529)		13042812	500.0	1013.7	M
	8 Tetratetracontane						M
	5.436	5.429	0.007	126802		9.86	M
	9 Qualitative Method						M
	5.895	5.895	0.000	159695		NC	M

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated

Report Date: 19-Apr-2022 12:43:26 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146259.D

Injection Date: 19-Apr-2022 08:14:23 Instrument ID: CBNAGC2

Lims ID: 460-256383-B-1-A MS

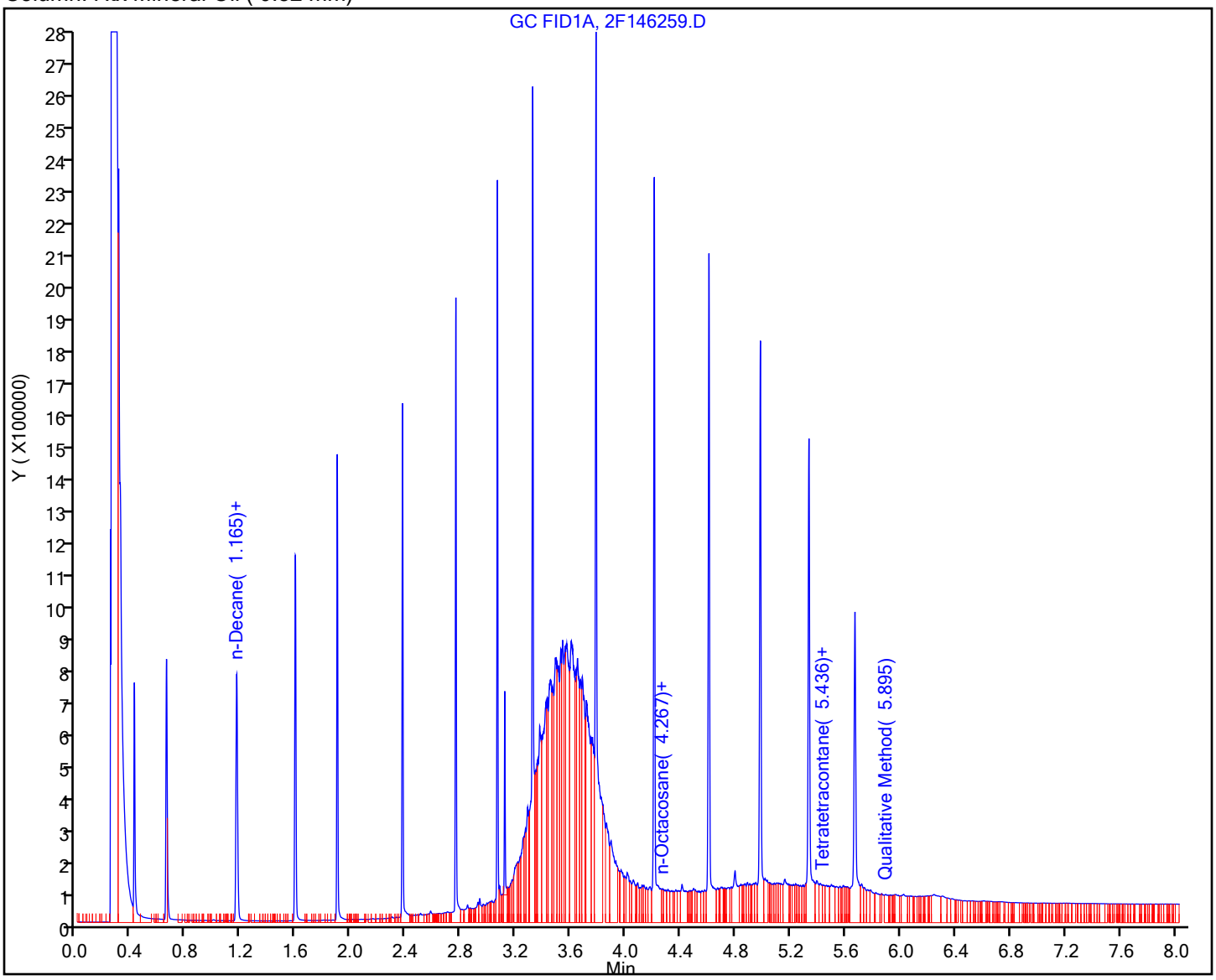
Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 6

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146259.D
Lims ID: 460-256383-B-1-A MS
Client ID:
Sample Type: MS
Inject. Date: 19-Apr-2022 08:14:23 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144204-006
Operator ID: Instrument ID: CBNAGC2

Method: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\DRO2F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 19-Apr-2022 12:43:20 Calib Date: 23-Jan-2022 09:46:18
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1655

First Level Reviewer: asfawa Date: 19-Apr-2022 10:21:25

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	22.3	111.37

Report Date: 19-Apr-2022 12:43:26 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146259.D

Injection Date: 19-Apr-2022 08:14:23 Instrument ID: CBNAGC2

Lims ID: 460-256383-B-1-A MS

Client ID:

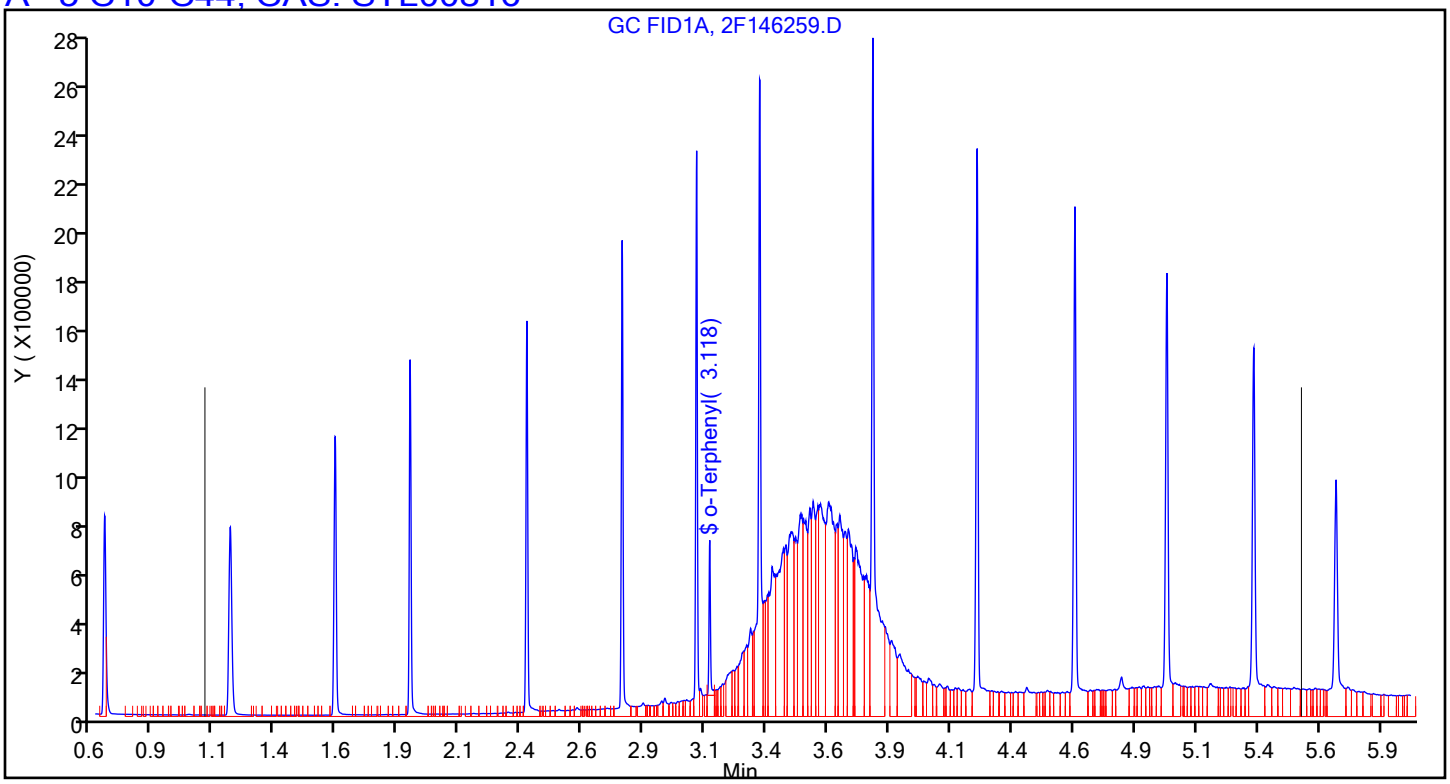
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 5 C10-C44, CAS: STL00816



Manual Integration/User Assign Peak Report

Eurofins Edison

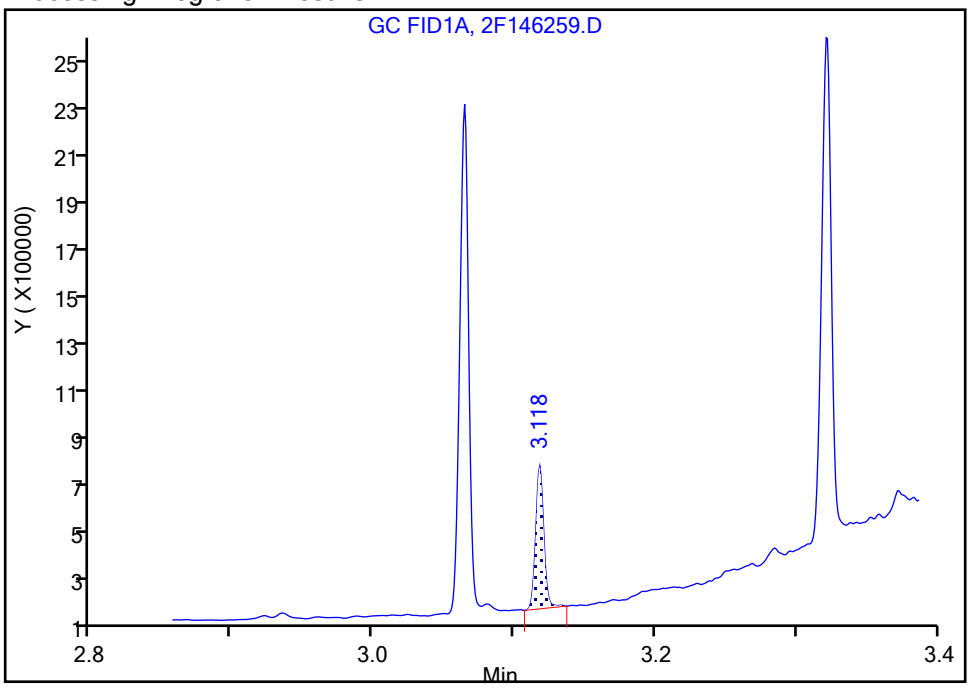
Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146259.D
Injection Date: 19-Apr-2022 08:14:23 Instrument ID: CBNAGC2
Lims ID: 460-256383-B-1-A MS
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO2F Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

$ 4 o-Terphenyl, CAS: 84-15-1

Signal: 1

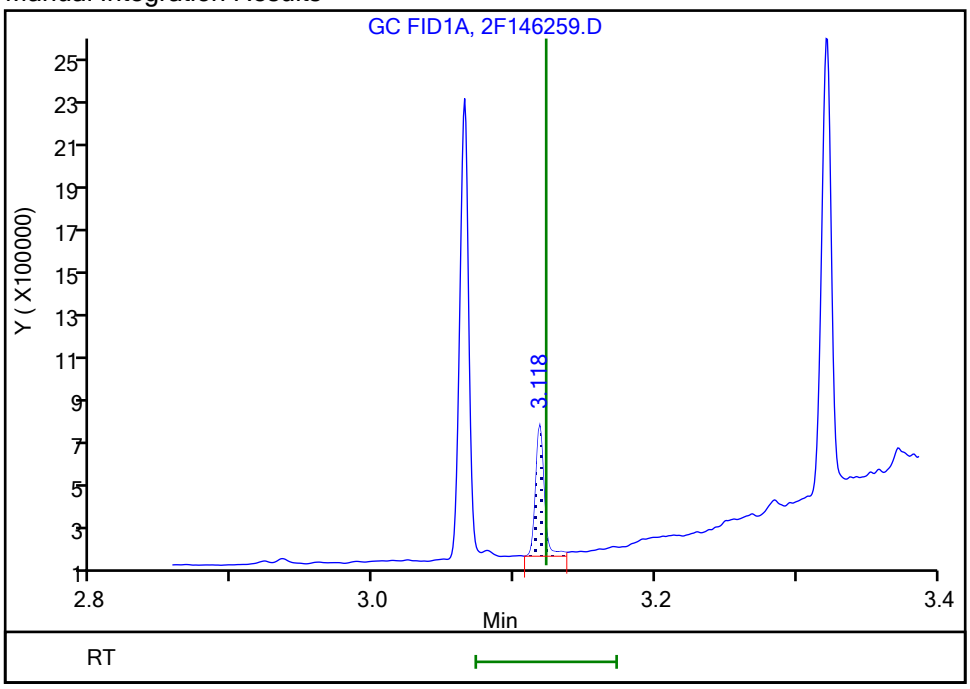
Processing Integration Results

RT: 3.12
Area: 238142
Amount: 20.858550
Amount Units: ug/ml



Manual Integration Results

RT: 3.12
Area: 254294
Amount: 22.273283
Amount Units: ug/ml



Reviewer: asfawa, 19-Apr-2022 10:21:20
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

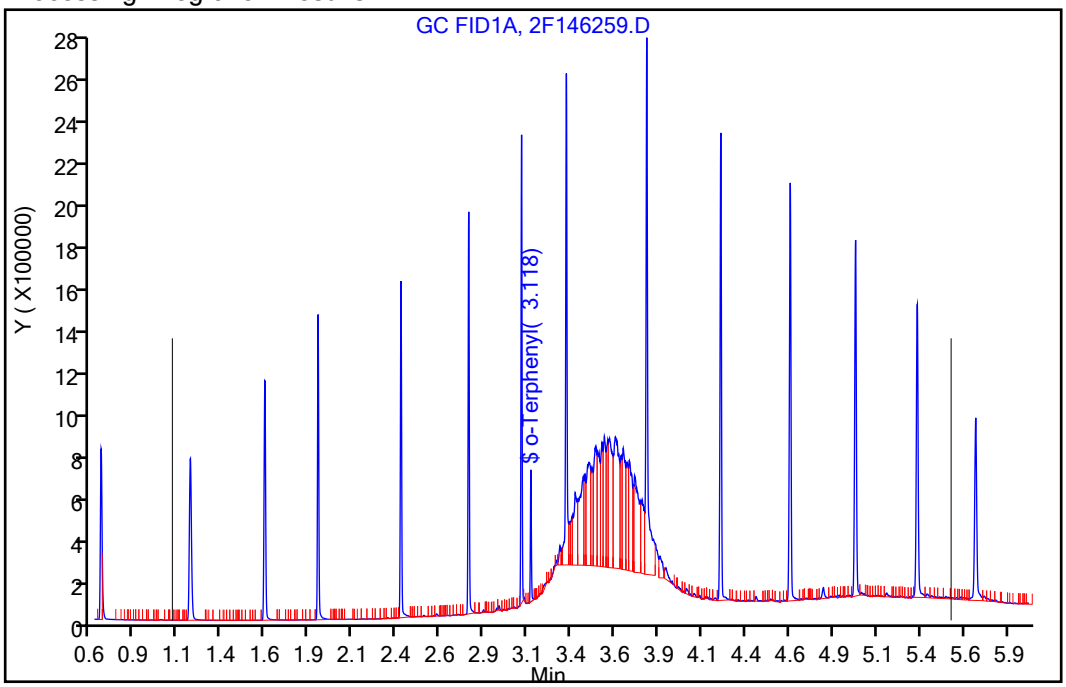
Data File:	\\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146259.D				
Injection Date:	19-Apr-2022 08:14:23	Instrument ID:	CBNAGC2		
Lims ID:	460-256383-B-1-A MS				
Client ID:					
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO2F	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, RT: 3.295, CAS: STL00816

Signal: 1

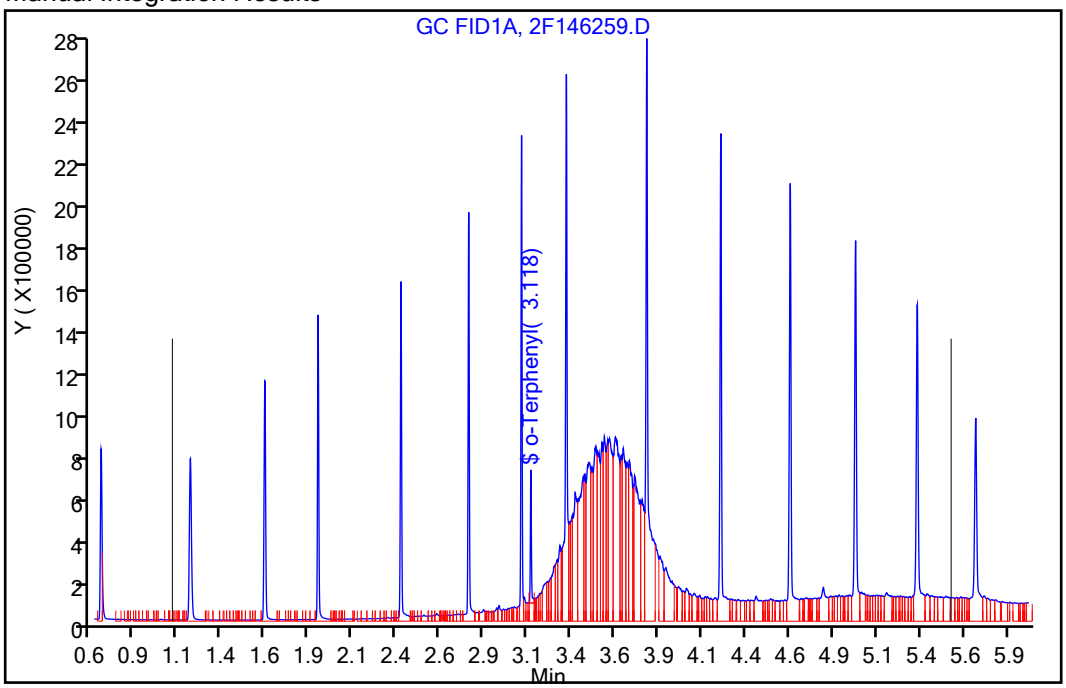
Processing Integration Results

RT: 3.29
Response: 24242213
Amount: 2203.6743



Manual Integration Results

RT: 3.29
Response: 46310264
Amount: 4209.7122



Reviewer: asfawa, 19-Apr-2022 10:21:20

Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-255621-A-1-B MSD

Matrix: Solid | Lab File ID: 3R002878.D

Analysis Method: 8015D | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:25

Sample wt/vol: 15.02(g) | Date Analyzed: 04/07/2022 20:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: 16.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837799 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	98.0		10	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	101		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002878.D
Lims ID: 460-255621-A-1-B MSD
Client ID:
Sample Type: MSD
Inject. Date: 07-Apr-2022 20:54:45 ALS Bottle#: 81 Worklist Smp#: 31
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-031
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:50 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

First Level Reviewer: infantew Date: 08-Apr-2022 10:35:55

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						M
	1.374	1.375	-0.001	1273598		89.5	M
A	3 #2 Diesel Fuel						M
	3.055	(1.275-4.834)		17201458		NC	M
A	2 C10-C28						M
	3.055	(1.275-4.834)		17201458	900.0	1038.5	M
$	4 o-Terphenyl						
	3.378	3.380	-0.002	402292	20.0	20.2	
A	5 C10-C44						M
	3.843	(1.275-6.411)		21859450	1300.0	1224.2	M
	6 n-Octacosane						M
	4.728	4.734	-0.006	1840303		96.3	M
	7 Qualitative Method						M
	5.361	5.343	0.018	59550		NC	M
A	38 C28-C44						M
	5.598	(4.634-6.561)		7092712	500.0	342.0	M
	8 Tetratetracontane						M
	6.307	6.311	-0.004	36768		1.86	M

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated

Report Date: 08-Apr-2022 10:41:07 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002878.D

Injection Date: 07-Apr-2022 20:54:45 Instrument ID: CBNAGC3

Lims ID: 460-255621-A-1-B MSD

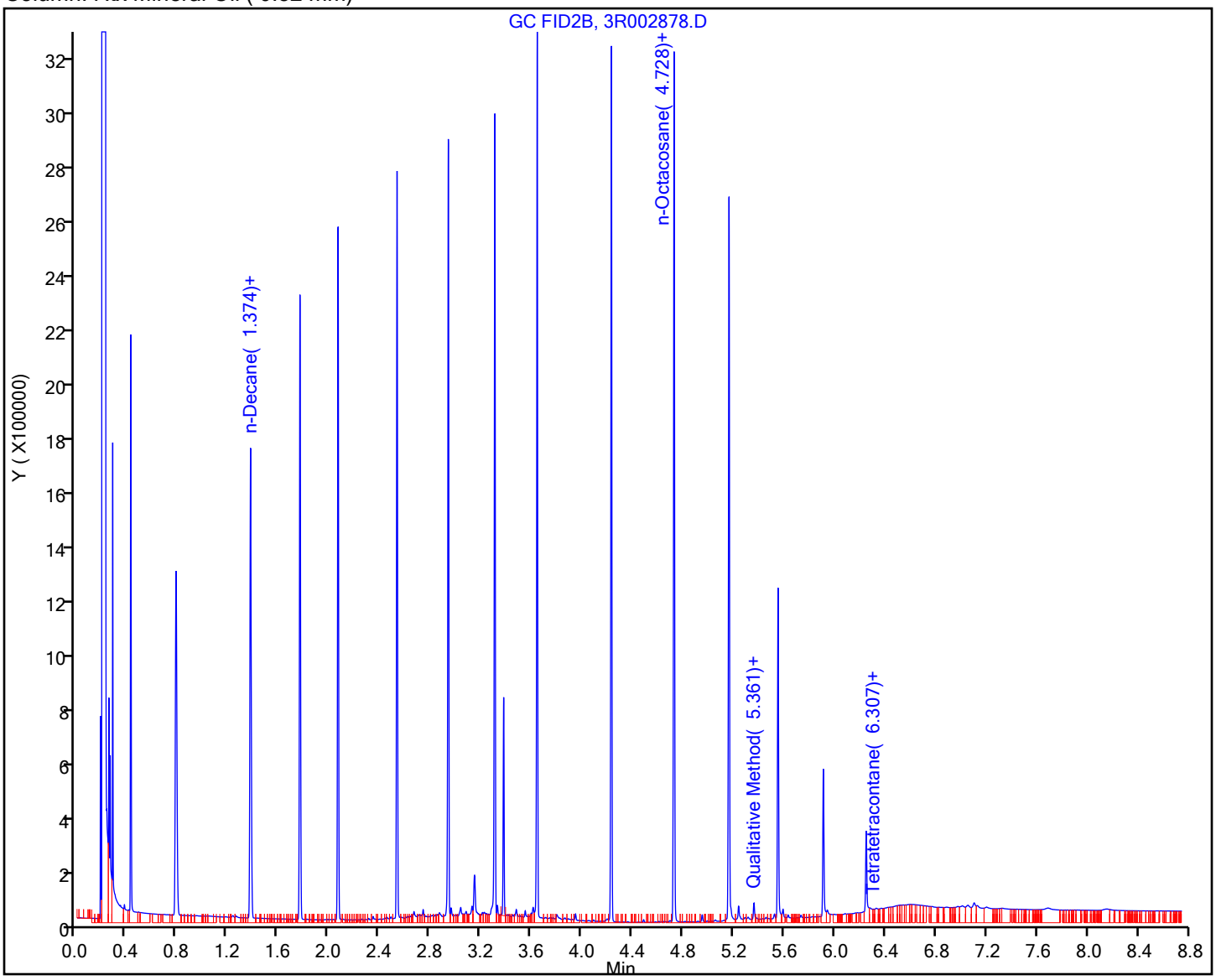
Client ID:

Operator ID: 615 ALS Bottle#: 81 Worklist Smp#: 31

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002878.D
Lims ID: 460-255621-A-1-B MSD
Client ID:
Sample Type: MSD
Inject. Date: 07-Apr-2022 20:54:45 ALS Bottle#: 81 Worklist Smp#: 31
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143721-031
Operator ID: 615 Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 08-Apr-2022 10:40:50 Calib Date: 24-Feb-2022 11:55:53
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20220224-141854.b\3R002425.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1641

First Level Reviewer: infantew Date: 08-Apr-2022 10:35:55

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	20.2	100.86

Report Date: 08-Apr-2022 10:41:07 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002878.D

Injection Date: 07-Apr-2022 20:54:45 Instrument ID: CBNAGC3

Lims ID: 460-255621-A-1-B MSD

Client ID:

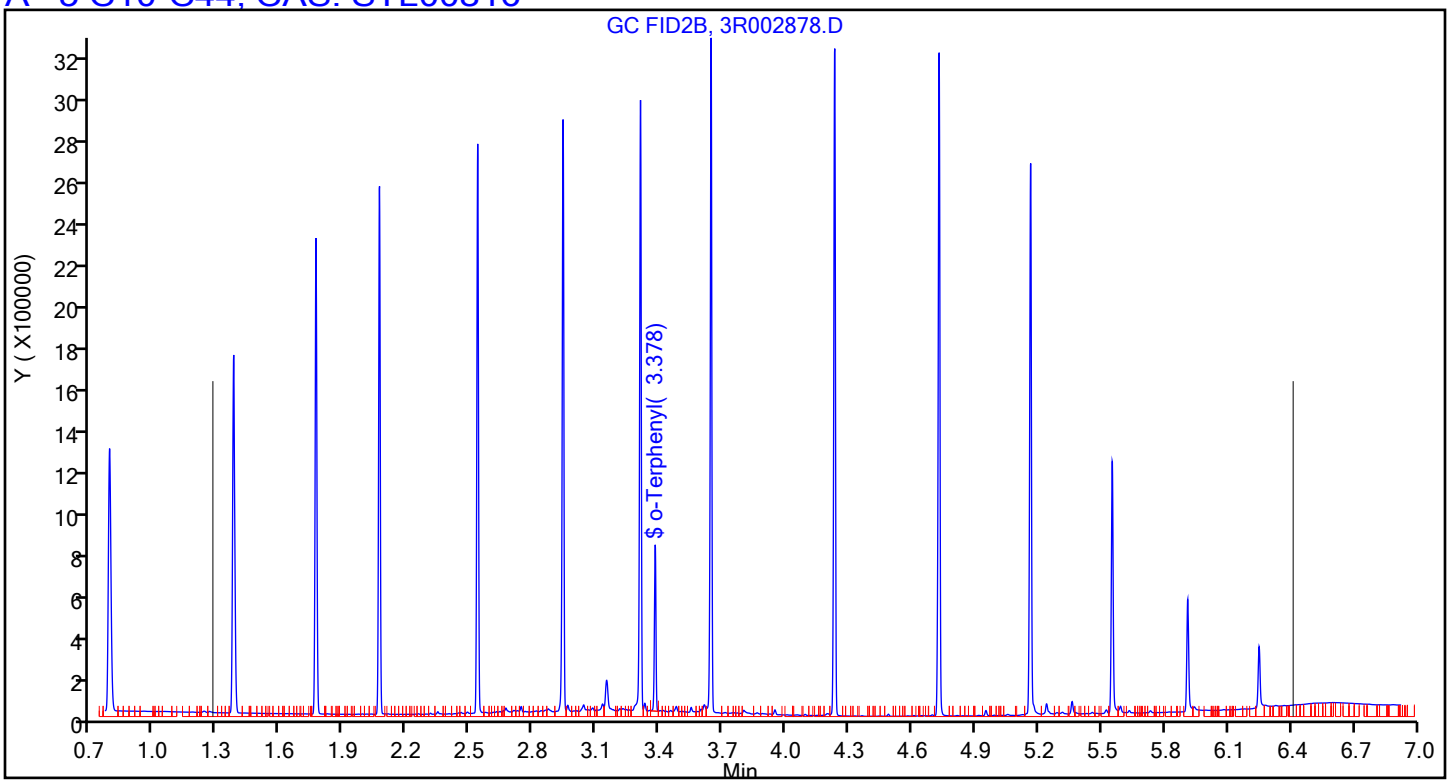
Operator ID: 615 ALS Bottle#: 81 Worklist Smp#: 31

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 5 C10-C44, CAS: STL00816



Manual Integration/User Assign Peak Report

Eurofins Edison

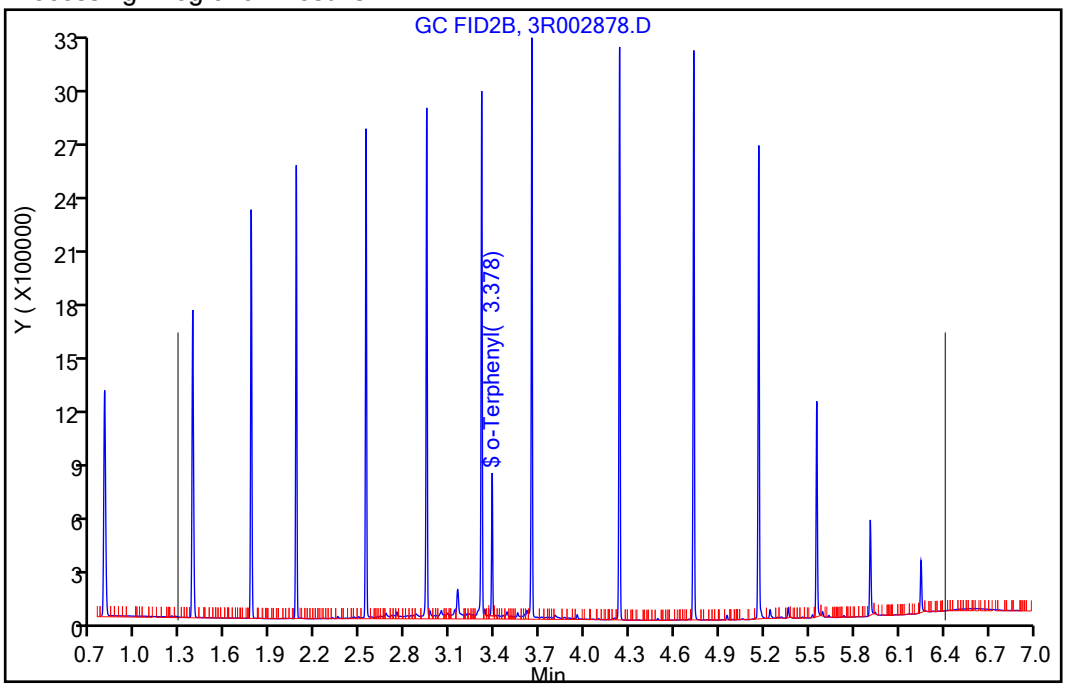
Data File: \\chromfs\Edison\ChromData\CBNAGC3\20220407-143721.b\3R002878.D
Injection Date: 07-Apr-2022 20:54:45 Instrument ID: CBNAGC3
Lims ID: 460-255621-A-1-B MSD
Client ID:
Operator ID: 615 ALS Bottle#: 81 Worklist Smp#: 31
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO3R Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 5 C10-C44, RT: 3.843, CAS: STL00816

Signal: 1

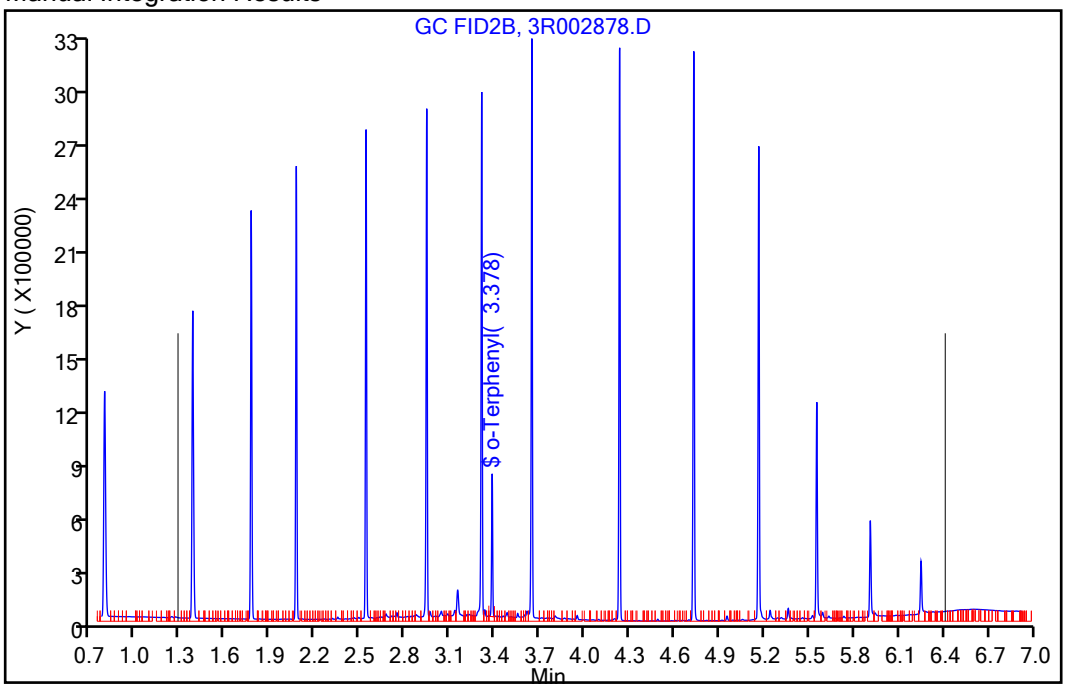
Processing Integration Results

RT: 3.84
Response: 18424561
Amount: 1031.8168



Manual Integration Results

RT: 3.84
Response: 21859450
Amount: 1224.1783



Reviewer: infantew, 08-Apr-2022 10:35:54
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-256383-B-1-B MSD

Matrix: Solid | Lab File ID: 2F146260.D

Analysis Method: 8015D | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/18/2022 22:17

Sample wt/vol: 15.02(g) | Date Analyzed: 04/19/2022 08:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: 3.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 839919 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00816	C10-C44	266		9.0	0.57

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	112		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146260.D
Lims ID: 460-256383-B-1-B MSD
Client ID:
Sample Type: MSD
Inject. Date: 19-Apr-2022 08:27:16 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144204-007
Operator ID: Instrument ID: CBNAGC2

Method: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\DRO2F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 19-Apr-2022 12:43:20 Calib Date: 23-Jan-2022 09:46:18
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1655

First Level Reviewer: asfawa Date: 19-Apr-2022 10:21:55

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						M
	1.163	1.161	0.002	628368		72.4	M
A	3 C10-C28						M
	2.708	(1.061-4.355)		32909939	900.0	3275.0	M
A	2 #2 Diesel Fuel						
	2.742	(1.038-4.447)		33519304		NC	
$	4 o-Terphenyl						M
	3.118	3.122	-0.004	255634	20.0	22.4	M
A	5 C10-C44						M
	3.295	(1.061-5.529)		42673813	1300.0	3879.2	M
	6 n-Octacosane						M
	4.255	4.255	0.000	74376		6.35	M
A	7 C28-C44						M
	4.842	(4.155-5.529)		11874009	500.0	922.9	M
	8 Tetratetracontane						M
	5.438	5.429	0.009	49850		3.88	M
	9 Qualitative Method						M
	5.902	5.895	0.007	85749		NC	M

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated

Report Date: 19-Apr-2022 12:43:27 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146260.D

Injection Date: 19-Apr-2022 08:27:16 Instrument ID: CBNAGC2

Lims ID: 460-256383-B-1-B MSD

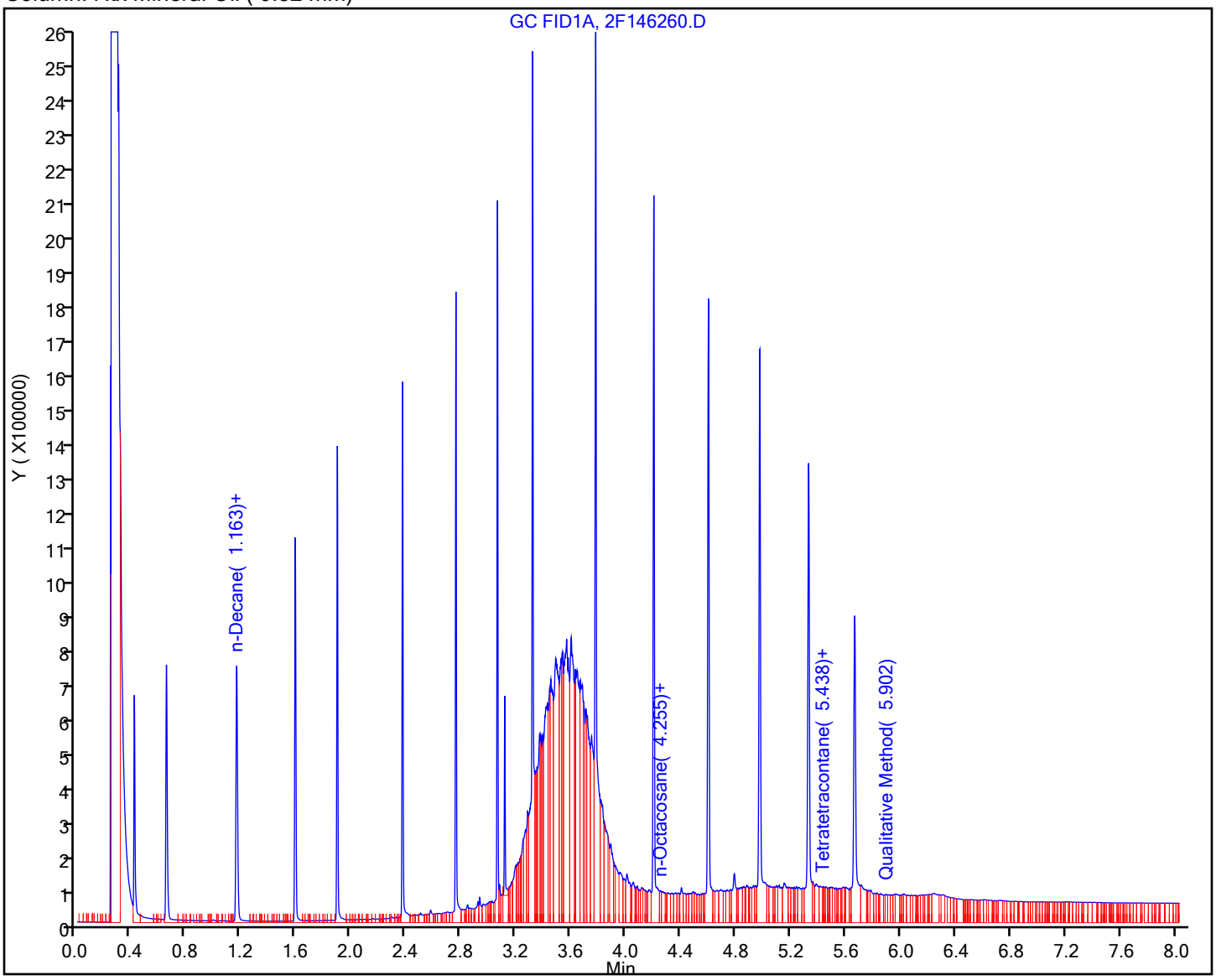
Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146260.D
Lims ID: 460-256383-B-1-B MSD
Client ID:
Sample Type: MSD
Inject. Date: 19-Apr-2022 08:27:16 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144204-007
Operator ID: Instrument ID: CBNAGC2

Method: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\DRO2F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 19-Apr-2022 12:43:20 Calib Date: 23-Jan-2022 09:46:18
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC2\20220123-140536.b\2F144468.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1655

First Level Reviewer: asfawa Date: 19-Apr-2022 10:21:55

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 o-Terphenyl	20.0	22.4	111.95

Report Date: 19-Apr-2022 12:43:28 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146260.D

Injection Date: 19-Apr-2022 08:27:16 Instrument ID: CBNAGC2

Lims ID: 460-256383-B-1-B MSD

Client ID:

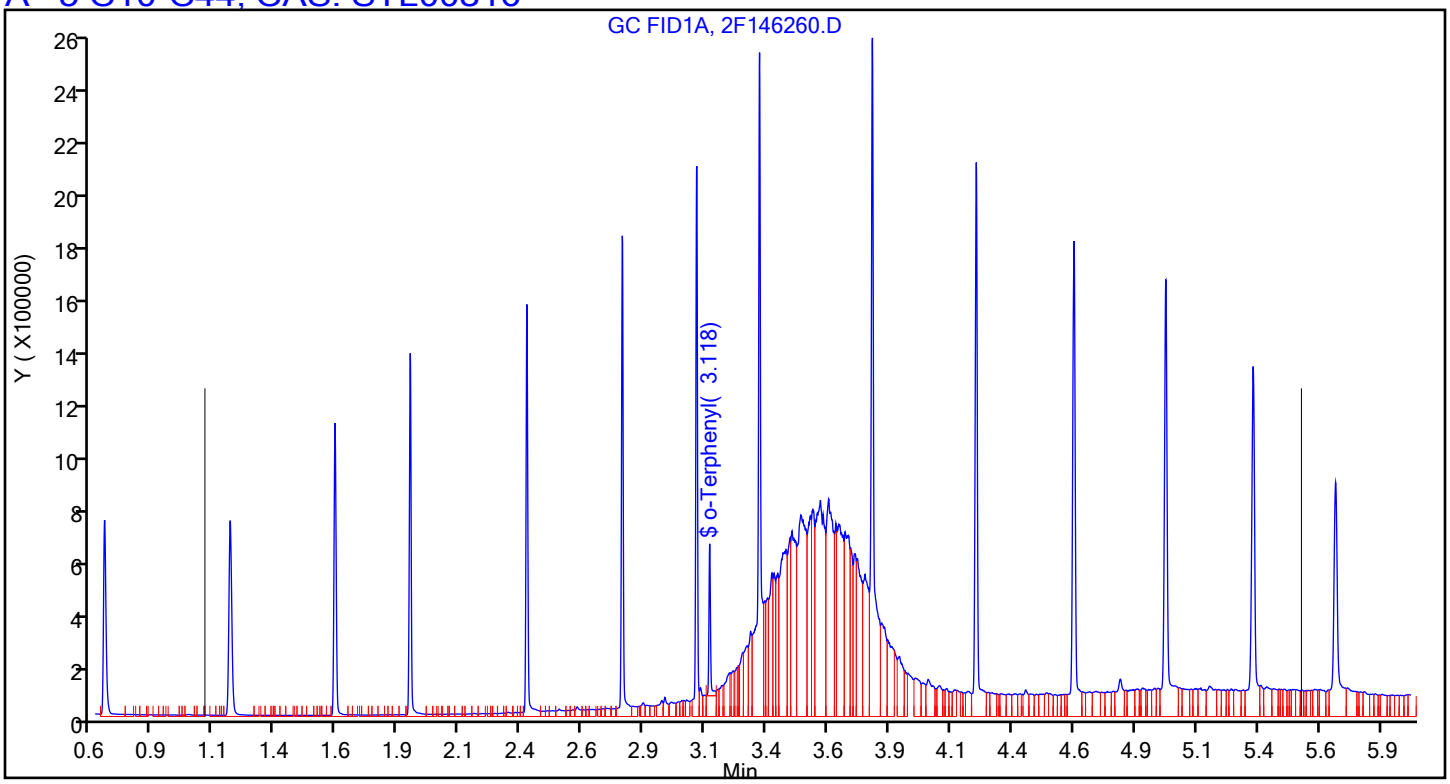
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO2F Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 5 C10-C44, CAS: STL00816



Manual Integration/User Assign Peak Report

Eurofins Edison

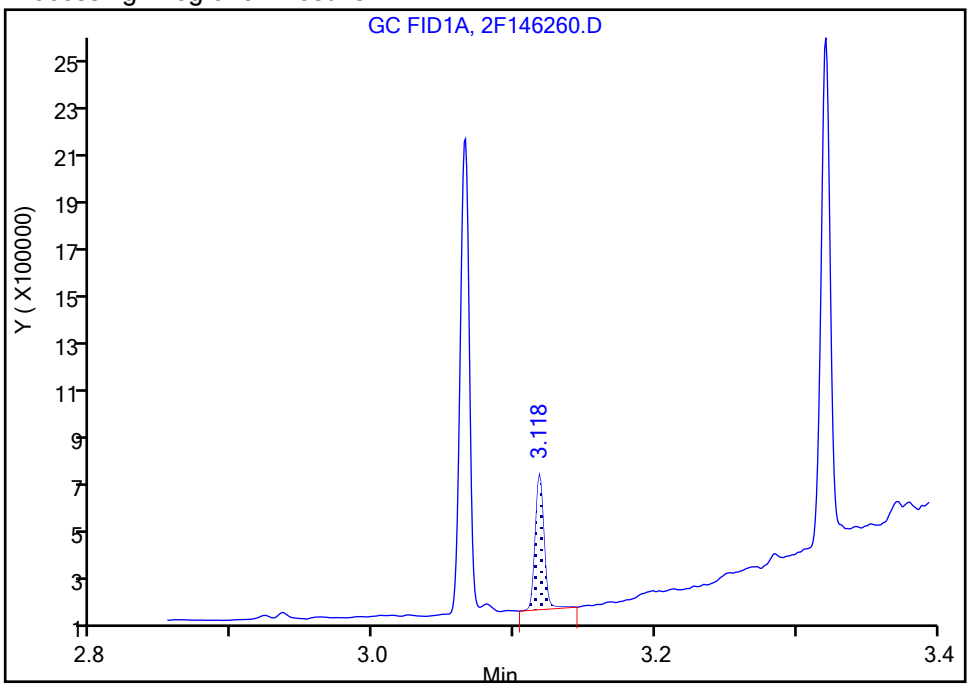
Data File: \\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146260.D
Injection Date: 19-Apr-2022 08:27:16 Instrument ID: CBNAGC2
Lims ID: 460-256383-B-1-B MSD
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO2F Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

$ 4 o-Terphenyl, CAS: 84-15-1

Signal: 1

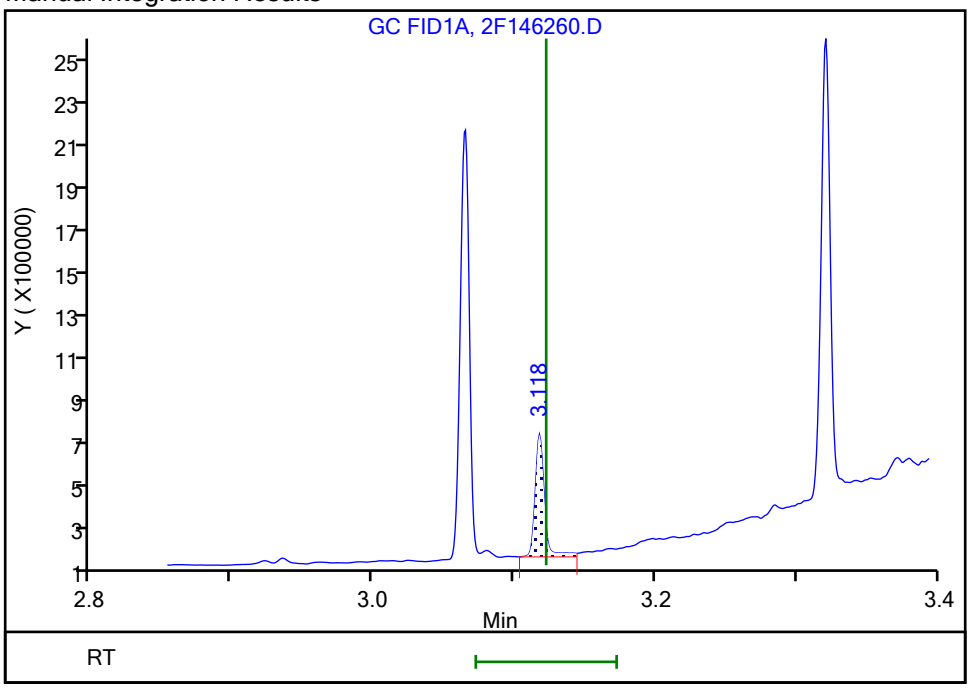
Processing Integration Results

RT: 3.12
Area: 235674
Amount: 20.642381
Amount Units: ug/ml



Manual Integration Results

RT: 3.12
Area: 255634
Amount: 22.390651
Amount Units: ug/ml



Reviewer: asfawa, 19-Apr-2022 10:21:52
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

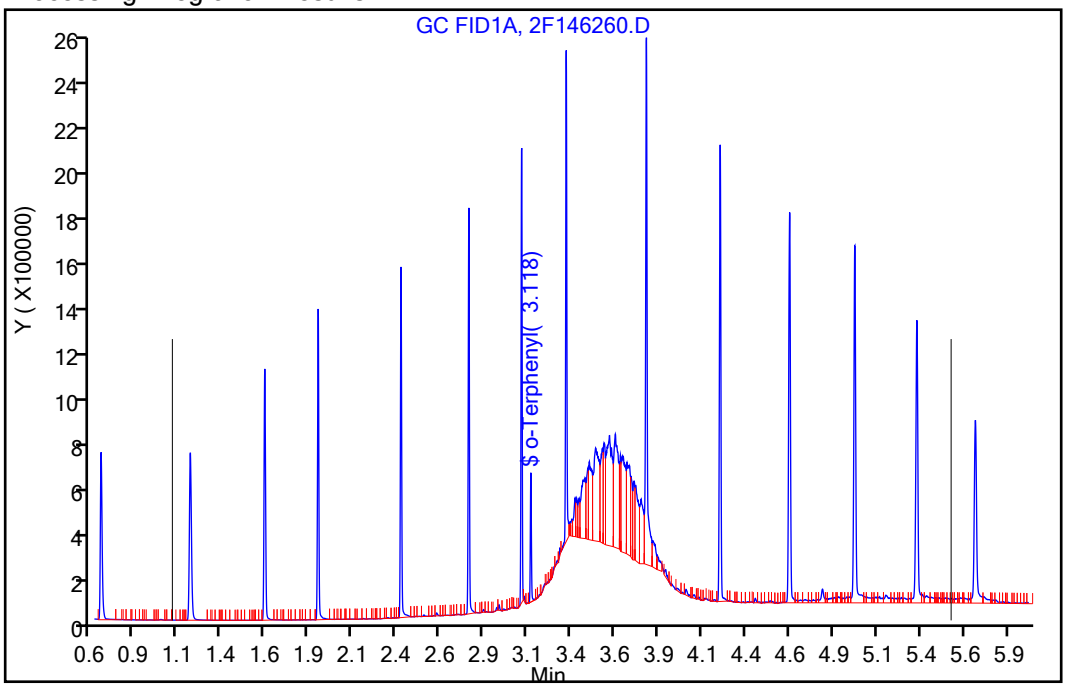
Data File:	\\chromfs\Edison\ChromData\CBNAGC2\20220419-144204.b\2F146260.D				
Injection Date:	19-Apr-2022 08:27:16	Instrument ID:	CBNAGC2		
Lims ID:	460-256383-B-1-B MSD				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO2F	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 5 C10-C44, RT: 3.295, CAS: STL00816

Signal: 1

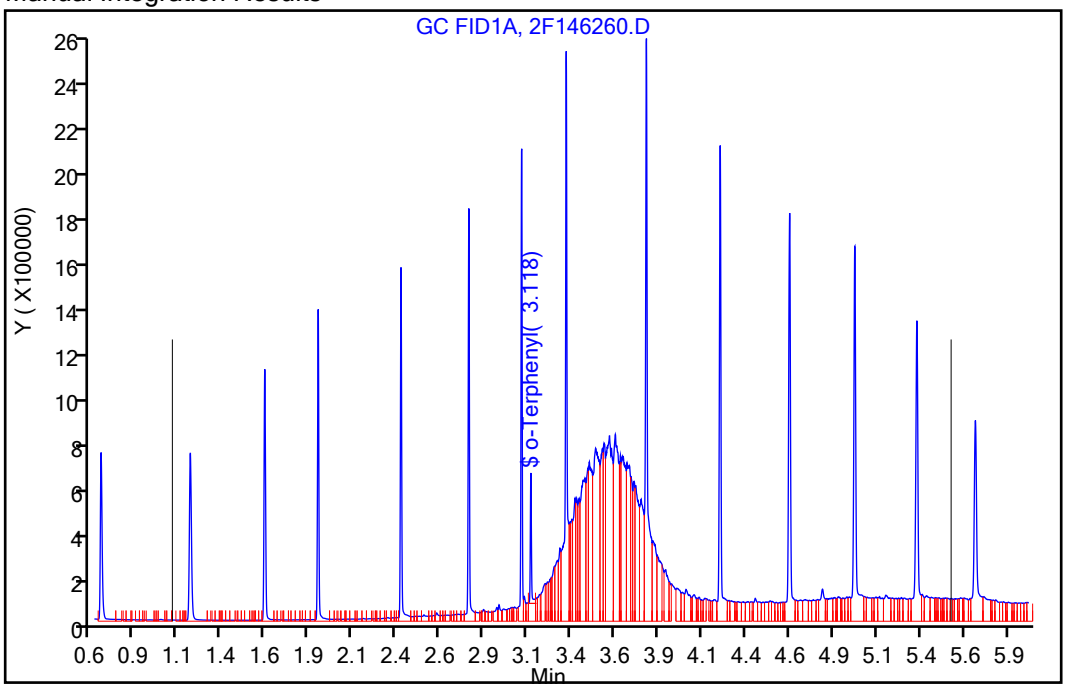
Processing Integration Results

RT: 3.29
Response: 20672687
Amount: 1879.1960



Manual Integration Results

RT: 3.29
Response: 42673813
Amount: 3879.1502



Reviewer: asfawa, 19-Apr-2022 10:21:52

Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: CBNAGC2 Start Date: 01/23/2022 08:42

Analysis Batch Number: 824714 End Date: 01/23/2022 09:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-824714/1		01/23/2022 08:42	1		Rtx-Mineral Oil 0.32(mm)
STD3 460-824714/2 IC		01/23/2022 08:55	1	2F144464.D	Rtx-Mineral Oil 0.32(mm)
STD4 460-824714/3 IC		01/23/2022 09:08	1	2F144465.D	Rtx-Mineral Oil 0.32(mm)
STD5 460-824714/4 IC		01/23/2022 09:21	1	2F144466.D	Rtx-Mineral Oil 0.32(mm)
STD2 460-824714/5 IC		01/23/2022 09:33	1	2F144467.D	Rtx-Mineral Oil 0.32(mm)
STD1 460-824714/6 IC		01/23/2022 09:46	1	2F144468.D	Rtx-Mineral Oil 0.32(mm)
ICV 460-824714/7		01/23/2022 09:58	1	2F144469.D	Rtx-Mineral Oil 0.32(mm)

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: CBNAGC2 Start Date: 04/19/2022 06:39

Analysis Batch Number: 839919 End Date: 04/19/2022 13:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-839919/1		04/19/2022 06:39	1	2F146254.D	Rtx-Mineral Oil 0.32(mm)
CCVRT 460-839919/2		04/19/2022 07:17	1	2F146255.D	Rtx-Mineral Oil 0.32(mm)
MB 460-839877/1-A		04/19/2022 07:36	1	2F146256.D	Rtx-Mineral Oil 0.32(mm)
LCS 460-839877/2-A		04/19/2022 07:49	1	2F146257.D	Rtx-Mineral Oil 0.32(mm)
LCSD 460-839877/3-A		04/19/2022 08:01	1	2F146258.D	Rtx-Mineral Oil 0.32(mm)
460-256383-B-1-A MS		04/19/2022 08:14	1	2F146259.D	Rtx-Mineral Oil 0.32(mm)
460-256383-B-1-B MSD		04/19/2022 08:27	1	2F146260.D	Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/19/2022 08:39	1		Rtx-Mineral Oil 0.32(mm)
460-255715-13	SB-13 (2-2.5)	04/19/2022 08:52	1	2F146262.D	Rtx-Mineral Oil 0.32(mm)
460-255715-14	SB-13 (7-7.5)	04/19/2022 09:05	1	2F146263.D	Rtx-Mineral Oil 0.32(mm)
460-255715-15	SB-16 (3-5)	04/19/2022 09:17	1	2F146264.D	Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/19/2022 09:30	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/19/2022 09:43	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/19/2022 09:55	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/19/2022 10:08	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/19/2022 10:33	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/19/2022 10:45	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/19/2022 11:11	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/19/2022 11:36	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/19/2022 11:48	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/19/2022 12:01	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/19/2022 12:14	5		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/19/2022 12:26	10		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/19/2022 12:39	5		Rtx-Mineral Oil 0.32(mm)
PIBLK 460-839919/28		04/19/2022 12:52	1	2F146281.D	Rtx-Mineral Oil 0.32(mm)
CCV 460-839919/29		04/19/2022 13:05	1	2F146282.D	Rtx-Mineral Oil 0.32(mm)

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: CBNAGC3 Start Date: 02/24/2022 10:39

Analysis Batch Number: 830090 End Date: 02/24/2022 12:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-830090/1		02/24/2022 10:39	1		Rtx-Mineral Oil 0.32(mm)
STD1 460-830090/2 IC		02/24/2022 10:54	1	3R002421.D	Rtx-Mineral Oil 0.32(mm)
STD2 460-830090/3 IC		02/24/2022 11:09	1	3R002422.D	Rtx-Mineral Oil 0.32(mm)
STD3 460-830090/4 ICRT		02/24/2022 11:25	1	3R002423.D	Rtx-Mineral Oil 0.32(mm)
STD4 460-830090/5 IC		02/24/2022 11:40	1	3R002424.D	Rtx-Mineral Oil 0.32(mm)
STD5 460-830090/6 IC		02/24/2022 11:55	1	3R002425.D	Rtx-Mineral Oil 0.32(mm)
ICV 460-830090/7		02/24/2022 12:11	1		Rtx-Mineral Oil 0.32(mm)

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: CBNAGC3 Start Date: 04/07/2022 06:41

Analysis Batch Number: 837799 End Date: 04/08/2022 23:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-837799/1		04/07/2022 06:41	1		Rtx-Mineral Oil 0.32(mm)
CCVRT 460-837799/2		04/07/2022 07:31	1	3R002848.D	Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/07/2022 07:53	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/07/2022 08:15	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/07/2022 08:39	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/07/2022 09:53	5		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/07/2022 10:15	5		Rtx-Mineral Oil 0.32(mm)
PIBLK 460-837799/8		04/07/2022 10:37	1		Rtx-Mineral Oil 0.32(mm)
CCV 460-837799/9		04/07/2022 11:26	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/07/2022 12:38	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/07/2022 13:00	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/07/2022 13:22	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/07/2022 13:47	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/07/2022 14:09	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/07/2022 14:32	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/07/2022 14:54	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/07/2022 15:18	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/07/2022 15:41	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/07/2022 16:03	1		Rtx-Mineral Oil 0.32(mm)
PIBLK 460-837799/20		04/07/2022 16:25	1	3R002866.D	Rtx-Mineral Oil 0.32(mm)
CCV 460-837799/21		04/07/2022 16:47	1	3R002867.D	Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/07/2022 17:35	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/07/2022 17:58	5		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/07/2022 18:21	5		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/07/2022 18:43	5		Rtx-Mineral Oil 0.32(mm)
LCS 460-837716/2-A		04/07/2022 19:05	1	3R002873.D	Rtx-Mineral Oil 0.32(mm)
LCSD 460-837716/3-A		04/07/2022 19:28	1	3R002874.D	Rtx-Mineral Oil 0.32(mm)
MB 460-837716/1-A		04/07/2022 19:50	1	3R002875.D	Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/07/2022 20:11	1		Rtx-Mineral Oil 0.32(mm)
460-255621-A-1-A MS		04/07/2022 20:33	1	3R002877.D	Rtx-Mineral Oil 0.32(mm)
460-255621-A-1-B MSD		04/07/2022 20:54	1	3R002878.D	Rtx-Mineral Oil 0.32(mm)
PIBLK 460-837799/32		04/07/2022 21:16	1	3R002879.D	Rtx-Mineral Oil 0.32(mm)

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: CBNAGC3 Start Date: 04/07/2022 06:41

Analysis Batch Number: 837799 End Date: 04/08/2022 23:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-837799/33		04/07/2022 21:37	1	3R002880.D	Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/07/2022 21:59	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/07/2022 22:20	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/07/2022 22:41	1		Rtx-Mineral Oil 0.32(mm)
460-255715-2	SB-8 (8-8.5)	04/08/2022 00:28	1	3R002888.D	Rtx-Mineral Oil 0.32(mm)
460-255715-3	SB-11 (4-4.5)	04/08/2022 00:49	1	3R002889.D	Rtx-Mineral Oil 0.32(mm)
PIBLK 460-837799/43		04/08/2022 01:11	1	3R002890.D	Rtx-Mineral Oil 0.32(mm)
CCV 460-837799/44		04/08/2022 01:32	1	3R002891.D	Rtx-Mineral Oil 0.32(mm)
460-255715-4	SB-11 (9.5-10)	04/08/2022 01:53	1	3R002892.D	Rtx-Mineral Oil 0.32(mm)
460-255715-5	SB-14 (4-5)	04/08/2022 02:15	1	3R002893.D	Rtx-Mineral Oil 0.32(mm)
460-255715-6	SB-14 (6-10)	04/08/2022 02:36	1	3R002894.D	Rtx-Mineral Oil 0.32(mm)
460-255715-7	SB-15 (3-5)	04/08/2022 02:57	1	3R002895.D	Rtx-Mineral Oil 0.32(mm)
460-255715-8	SB-15 (12-13)	04/08/2022 03:18	1	3R002896.D	Rtx-Mineral Oil 0.32(mm)
460-255715-9	SB-9 (4-5)	04/08/2022 03:39	1	3R002897.D	Rtx-Mineral Oil 0.32(mm)
460-255715-10	SB-12 (0-5)	04/08/2022 04:01	1	3R002898.D	Rtx-Mineral Oil 0.32(mm)
460-255715-11	SB-12 (7-8)	04/08/2022 04:22	1	3R002899.D	Rtx-Mineral Oil 0.32(mm)
460-255715-12	SB-10(2.5-5)	04/08/2022 04:43	1	3R002900.D	Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/08/2022 08:34	10		Rtx-Mineral Oil 0.32(mm)
PIBLK 460-837799/55		04/08/2022 08:55	1	3R002902.D	Rtx-Mineral Oil 0.32(mm)
CCV 460-837799/56		04/08/2022 09:17	1	3R002903.D	Rtx-Mineral Oil 0.32(mm)
460-255715-1	SB-8 (0-5)	04/08/2022 09:54	1	3R002904.D	Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/08/2022 10:16	200		Rtx-Mineral Oil 0.32(mm)
PIBLK 460-837799/59		04/08/2022 10:39	1	3R002906.D	Rtx-Mineral Oil 0.32(mm)
CCV 460-837799/60		04/08/2022 11:01	1	3R002907.D	Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/08/2022 23:03	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/08/2022 23:24	1		Rtx-Mineral Oil 0.32(mm)

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 837716 Batch Start Date: 04/06/22 18:25 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OPDROSU 00036	OPOROSP 00008		
MB 460-837716/1		3546, 8015D		15.00 g	1 mL	1 mL			
LCS 460-837716/2		3546, 8015D		15.00 g	1 mL	1 mL	1 mL		
LCSD 460-837716/3		3546, 8015D		15.00 g	1 mL	1 mL	1 mL		
460-255621-A-1 MS		3546, 8015D	T	15.08 g	1 mL	1 mL	1 mL		
460-255621-A-1 MSD		3546, 8015D	T	15.02 g	1 mL	1 mL	1 mL		
460-255715-A-1	SB-8 (0-5)	3546, 8015D	T	15.06 g	1 mL	1 mL			
460-255715-A-2	SB-8 (8-8.5)	3546, 8015D	T	15.02 g	1 mL	1 mL			
460-255715-A-3	SB-11 (4-4.5)	3546, 8015D	T	15.01 g	1 mL	1 mL			
460-255715-A-4	SB-11 (9.5-10)	3546, 8015D	T	15.04 g	1 mL	1 mL			
460-255715-A-5	SB-14 (4-5)	3546, 8015D	T	15.03 g	1 mL	1 mL			
460-255715-A-6	SB-14 (6-10)	3546, 8015D	T	15.01 g	1 mL	1 mL			
460-255715-A-7	SB-15 (3-5)	3546, 8015D	T	15.02 g	1 mL	1 mL			
460-255715-A-8	SB-15 (12-13)	3546, 8015D	T	15.02 g	1 mL	1 mL			
460-255715-A-9	SB-9 (4-5)	3546, 8015D	T	15.05 g	1 mL	1 mL			
460-255715-A-10	SB-12 (0-5)	3546, 8015D	T	15.05 g	1 mL	1 mL			
460-255715-A-11	SB-12 (7-8)	3546, 8015D	T	15.06 g	1 mL	1 mL			
460-255715-A-12	SB-10(2.5-5)	3546, 8015D	T	15.07 g	1 mL	1 mL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 837716 Batch Start Date: 04/06/22 18:25 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Batch Notes	
Method/Fraction	3546 / 8015D_DRO
Balance ID	12
Microwave Oven ID	MD4965
Analyst ID - Extraction	BB
Blank Matrix ID	181427
Analyst ID - Spike Analyst	BB
Analyst ID - Spike Witness Analyst	AR
Prep Solvent ID	Methylene Chloride 21L0562004
Na2SO4 ID	213134
Analyst ID - Concentration	BB
Equipment ID - Concentration 1	31869
Thermometer ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	34.0 Degrees C
Concentration 1 Corrected Temperature	34.0 Degrees C
Vial Lot Number	21036163
Batch Comment	DRO Soil

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 839877 Batch Start Date: 04/18/22 22:15 Batch Analyst: Silva, Jose

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OPDROSU 00036	OPOROSP 00008		
MB 460-839877/1		3546, 8015D		15.00 g	1 mL	1 mL			
LCS 460-839877/2		3546, 8015D		15.00 g	1 mL	1 mL	1 mL		
LCSD 460-839877/3		3546, 8015D		15.00 g	1 mL	1 mL	1 mL		
460-256383-B-1 MS		3546, 8015D	T	15.04 g	1 mL	1 mL	1 mL		
460-256383-B-1 MSD		3546, 8015D	T	15.02 g	1 mL	1 mL	1 mL		
460-255715-A-13	SB-13 (2-2.5)	3546, 8015D	T	15.04 g	1 mL	1 mL			
460-255715-A-14	SB-13 (7-7.5)	3546, 8015D	T	15.05 g	1 mL	1 mL			
460-255715-A-15	SB-16 (3-5)	3546, 8015D	T	15.02 g	1 mL	1 mL			

Batch Notes	
Method/Fraction	3546 / 8015D_DRO
Balance ID	12
Microwave Oven ID	MD4965
Analyst ID - Extraction	Jose
Blank Matrix ID	181427
Analyst ID - Spike Analyst	Jose
Analyst ID - Spike Witness Analyst	AA
Prep Solvent ID	Methylene Chloride 21L0562004
Na2SO4 ID	213134
Analyst ID - Concentration	AA
Equipment ID - Concentration 1	31869
Thermometer ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	34.0 Degrees C
Concentration 1 Corrected Temperature	34.0 Degrees C
Vial Lot Number	21036163
Batch Comment	DRO SOIL

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8082A

Polychlorinated Biphenyls (PCBs) by Gas Chromatography

FORM II
PCBS SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCBP1 #	DCBP2 #
COMP-1	460-255715-16	111	117	115	121
COMP-2	460-255715-17	105	110	108	116
COMP-3	460-255715-18	112	118	117	123
	MB 460-837713/1-A	98	104	103	109
	LCS 460-837713/2-A	98	103	102	105
	LCSD 460-837713/3-A	92	97	96	100
COMP-1 MS	460-255715-16 MS	111	117	116	119
COMP-1 MSD	460-255715-16 MSD	110	115	113	119

	QC LIMITS
TCX = Tetrachloro-m-xylene	54-150
DCBP = DCB Decachlorobiphenyl	37-150

Column to be used to flag recovery values

FORM II 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 14F0022158.D

Lab ID: LCS 460-837713/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	395	119	65-133	
Aroclor 1016	333	368	110	65-133	
Aroclor 1260	333	421	126	71-150	
Aroclor 1260	333	382	115	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 14F0022159.D

Lab ID: LCSD 460-837713/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	333	380	114	4	30	65-133	
Aroclor 1016	333	357	107	3	30	65-133	
Aroclor 1260	333	413	124	2	30	71-150	
Aroclor 1260	333	374	112	2	30	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 14F0022161.D

Lab ID: 460-255715-16 MS Client ID: COMP-1 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	354	19 U	443	125	65-133	
Aroclor 1016	354	19 U	418	118	65-133	
Aroclor 1260	354	19 U	481	136	71-150	
Aroclor 1260	354	19 U	438	124	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 14F0022162.D

Lab ID: 460-255715-16 MSD Client ID: COMP-1 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	354	429	121	3	30	65-133	
Aroclor 1016	354	403	114	4	30	65-133	
Aroclor 1260	354	455	129	6	30	71-150	
Aroclor 1260	354	415	117	5	30	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: MB 460-837713/1-A

Matrix: Solid Date Extracted: 04/06/2022 18:19

Lab File ID:(1) 14F0022157.D Lab File ID:(2) 14F0022157.D

Date Analyzed:(1) 04/07/2022 10:53 Date Analyzed:(2) 04/07/2022 10:53

Instrument ID:(1) CPESTGC14 Instrument ID:(2) CPESTGC14

GC Column:(1) CLP-2 ID: 0.53(mm) GC Column:(2) Rtx-CLP ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-837713/2-A	04/07/2022 11:09	04/07/2022 11:09
	LCSD 460-837713/3-A	04/07/2022 11:26	04/07/2022 11:26
COMP-1	460-255715-16	04/07/2022 11:43	04/07/2022 11:43
COMP-1 MS	460-255715-16 MS	04/07/2022 11:59	04/07/2022 11:59
COMP-1 MSD	460-255715-16 MSD	04/07/2022 12:16	04/07/2022 12:16
COMP-2	460-255715-17	04/07/2022 12:33	04/07/2022 12:33
COMP-3	460-255715-18	04/07/2022 12:49	04/07/2022 12:49

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Sample No.: IC 460-831251/2 Date Analyzed: 03/02/2022 18:33

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 14F0021106.D Heated Purge: (Y/N) N

Calibration ID: 89407

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		21301061	1.75				
UPPER LIMIT		42602122	1.82				
LOWER LIMIT		10650531	1.68				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-831251/18		16706788	1.75				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Sample No.: IC 460-831251/2 Date Analyzed: 03/02/2022 18:33

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 14F0021106.D Heated Purge: (Y/N) N

Calibration ID: 89408

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		33501879	1.54				
UPPER LIMIT		67003758	1.61				
LOWER LIMIT		16750940	1.47				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-831251/18		27335363	1.54				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Sample No.: CCVIS 460-837782/2 Date Analyzed: 04/07/2022 05:04

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 14F0022136.D Heated Purge: (Y/N) N

Calibration ID: 89449

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		25477070	1.73				
UPPER LIMIT		50954140	1.80				
LOWER LIMIT		12738535	1.66				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-837713/1-A		17563667	1.74				
LCS 460-837713/2-A		19818891	1.74				
LCSD 460-837713/3-A		21393675	1.74				
460-255715-16	COMP-1	17626795	1.74				
460-255715-16 MS	COMP-1 MS	17131136	1.74				
460-255715-16 MSD	COMP-1 MSD	18708088	1.74				
460-255715-17	COMP-2	17227742	1.74				
460-255715-18	COMP-3	16717391	1.74				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Sample No.: CCVIS 460-837782/2 Date Analyzed: 04/07/2022 05:04

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 14F0022136.D Heated Purge: (Y/N) N

Calibration ID: 89450

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		43075442	1.52				
UPPER LIMIT		86150884	1.59				
LOWER LIMIT		21537721	1.45				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-837713/1-A		29474847	1.53				
LCS 460-837713/2-A		33265600	1.53				
LCSD 460-837713/3-A		35796525	1.53				
460-255715-16	COMP-1	29389934	1.53				
460-255715-16 MS	COMP-1 MS	28627595	1.53				
460-255715-16 MSD	COMP-1 MSD	31205239	1.53				
460-255715-17	COMP-2	28843235	1.53				
460-255715-18	COMP-3	27876900	1.53				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Client Sample ID: COMP-1 MS Lab Sample ID: 460-255715-16 MS

Instrument ID (1): CPESTGC14 Instrument ID (2): CPESTGC14

Date Analyzed (1): 04/07/2022 11:59 Date Analyzed (2): 04/07/2022 11:59

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.63	2.55	2.69	444	418	5.8
		2	3.02	2.94	3.08	420		
		3	3.25	3.17	3.31	421		
		4	3.55	3.47	3.61	407		
		5	3.70	3.62	3.76	421		
		6	3.77	3.69	3.83	419		
		7	4.18	4.10	4.24	404		
		8	4.63	4.55	4.69	411		
	2	1	3.37	3.33	3.39	460	443	
		2	3.88	3.81	3.95	432		
		3	4.46	4.38	4.52	422		
		4	4.63	4.55	4.69	428		
		5	4.76	4.68	4.82	436		
		6	5.22	5.14	5.28	442		
		7	5.37	5.30	5.44	493		
		8	5.77	5.69	5.83	433		
Aroclor 1260	1	1	5.63	5.55	5.69	450	438	9.4
		2	6.39	6.31	6.45	432		
		3	6.57	6.49	6.63	465		
		4	6.95	6.87	7.01	452		
		5	7.49	7.41	7.55	435		
		6	8.01	7.92	8.06	459		
		7	8.17	8.09	8.23	412		
		8	9.32	9.24	9.38	396		
	2	1	6.81	6.77	6.83	511	481	
		2	7.07	6.99	7.13	470		
		3	7.45	7.38	7.52	490		
		4	8.32	8.24	8.38	486		
		5	8.94	8.86	9.00	496		
		6	9.51	9.43	9.57	496		
		7	10.03	9.96	10.10	475		
		8	10.65	10.58	10.72	422		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Client Sample ID: COMP-1 MSD Lab Sample ID: 460-255715-16 MSD

Instrument ID (1): CPESTGC14 Instrument ID (2): CPESTGC14

Date Analyzed (1): 04/07/2022 12:16 Date Analyzed (2): 04/07/2022 12:16

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.63	2.55	2.69	427	403	6.2
		2	3.02	2.94	3.08	404		
		3	3.25	3.17	3.31	405		
		4	3.55	3.47	3.61	393		
		5	3.70	3.62	3.76	405		
		6	3.77	3.69	3.83	406		
		7	4.18	4.10	4.24	390		
		8	4.63	4.55	4.69	397		
	2	1	3.37	3.33	3.39	452	429	
		2	3.88	3.81	3.95	419		
		3	4.46	4.38	4.52	402		
		4	4.63	4.55	4.69	428		
		5	4.76	4.68	4.82	418		
		6	5.22	5.14	5.28	420		
		7	5.37	5.30	5.44	472		
		8	5.77	5.69	5.83	422		
Aroclor 1260	1	1	5.63	5.55	5.69	428	415	9.2
		2	6.39	6.31	6.45	414		
		3	6.57	6.49	6.63	423		
		4	6.95	6.87	7.01	430		
		5	7.49	7.41	7.55	421		
		6	8.01	7.92	8.06	434		
		7	8.17	8.09	8.23	389		
		8	9.32	9.24	9.38	381		
	2	1	6.81	6.77	6.83	483	455	
		2	7.07	6.99	7.13	443		
		3	7.46	7.38	7.52	464		
		4	8.32	8.24	8.38	459		
		5	8.94	8.86	9.00	469		
		6	9.51	9.43	9.57	469		
		7	10.03	9.96	10.10	453		
		8	10.65	10.58	10.72	400		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-837713/2-A

Instrument ID (1): CPESTGC14 Instrument ID (2): CPESTGC14

Date Analyzed (1): 04/07/2022 11:09 Date Analyzed (2): 04/07/2022 11:09

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.63	2.55	2.69	389	368	7.0
		2	3.02	2.94	3.08	367		
		3	3.25	3.17	3.31	372		
		4	3.55	3.47	3.61	363		
		5	3.70	3.62	3.76	371		
		6	3.77	3.69	3.83	370		
		7	4.18	4.10	4.24	355		
		8	4.63	4.55	4.69	359		
	2	1	3.37	3.33	3.39	405	395	
		2	3.88	3.81	3.95	383		
		3	4.46	4.38	4.52	373		
		4	4.63	4.55	4.69	394		
		5	4.76	4.68	4.82	387		
		6	5.22	5.14	5.28	390		
		7	5.37	5.30	5.44	437		
		8	5.77	5.69	5.83	391		
Aroclor 1260	1	1	5.63	5.55	5.69	395	382	9.6
		2	6.39	6.31	6.45	382		
		3	6.57	6.49	6.63	394		
		4	6.95	6.87	7.01	396		
		5	7.49	7.41	7.55	393		
		6	8.01	7.92	8.06	401		
		7	8.17	8.09	8.23	359		
		8	9.32	9.24	9.38	340		
	2	1	6.80	6.77	6.83	449	421	
		2	7.07	6.99	7.13	411		
		3	7.45	7.38	7.52	430		
		4	8.32	8.24	8.38	426		
		5	8.94	8.86	9.00	437		
		6	9.51	9.43	9.57	436		
		7	10.03	9.96	10.10	413		
		8	10.64	10.58	10.72	368		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-837713/3-A

Instrument ID (1): CPESTGC14 Instrument ID (2): CPESTGC14

Date Analyzed (1): 04/07/2022 11:26 Date Analyzed (2): 04/07/2022 11:26

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.63	2.55	2.69	376	357	6.3
		2	3.02	2.94	3.08	356		
		3	3.25	3.17	3.31	360		
		4	3.55	3.47	3.61	352		
		5	3.70	3.62	3.76	358		
		6	3.77	3.69	3.83	356		
		7	4.18	4.10	4.24	344		
		8	4.63	4.55	4.69	350		
	2	1	3.37	3.33	3.39	399	380	
		2	3.88	3.81	3.95	373		
		3	4.46	4.38	4.52	358		
		4	4.63	4.55	4.69	364		
		5	4.76	4.68	4.82	370		
		6	5.22	5.14	5.28	376		
		7	5.37	5.30	5.44	421		
		8	5.77	5.69	5.83	377		
Aroclor 1260	1	1	5.63	5.55	5.69	383	374	9.8
		2	6.39	6.31	6.45	366		
		3	6.57	6.49	6.63	395		
		4	6.95	6.87	7.01	384		
		5	7.49	7.41	7.55	383		
		6	8.01	7.92	8.06	392		
		7	8.17	8.09	8.23	352		
		8	9.32	9.24	9.38	337		
	2	1	6.80	6.77	6.83	433	413	
		2	7.07	6.99	7.13	399		
		3	7.45	7.38	7.52	418		
		4	8.32	8.24	8.38	419		
		5	8.94	8.86	9.00	429		
		6	9.51	9.43	9.57	429		
		7	10.03	9.96	10.10	414		
		8	10.64	10.58	10.72	361		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: COMP-1 | Lab Sample ID: 460-255715-16

Matrix: Solid | Lab File ID: 14F0022160.D

Analysis Method: 8082A | Date Collected: 04/05/2022 10:25

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:19

Sample wt/vol: 15.02(g) | Date Analyzed: 04/07/2022 11:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 6.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837782 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		37-150
877-09-8	Tetrachloro-m-xylene	117		54-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022160.D
Lims ID: 460-255715-D-16-C
Client ID: COMP-1
Sample Type: Client
Inject. Date: 07-Apr-2022 11:43:16 ALS Bottle#: 56 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143711-026
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: patelji Date: 07-Apr-2022 12:50:43

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.736	1.733	0.003	17626795	20.0	
2	1.528	1.524	0.004	29389934	20.0	M
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.740	2.733	0.007	58192502	58.3	
2	2.228	2.220	0.008	98124067	55.3	
					RPD = 5.23	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	11.145	11.157	-0.012	32664183	60.4	
2	10.052	10.047	0.005	75805162	57.3	
					RPD = 5.30	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SGPCBISTD_00025 Amount Added: 20.00 Units: uL Run Reagent

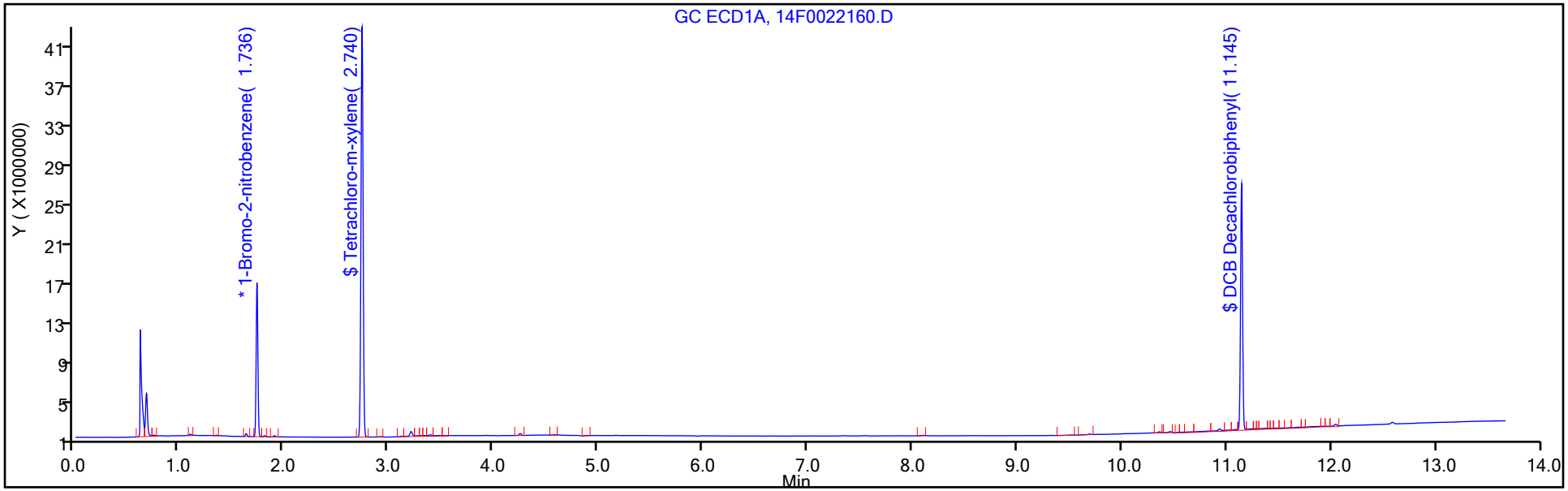
Report Date: 07-Apr-2022 13:21:38 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

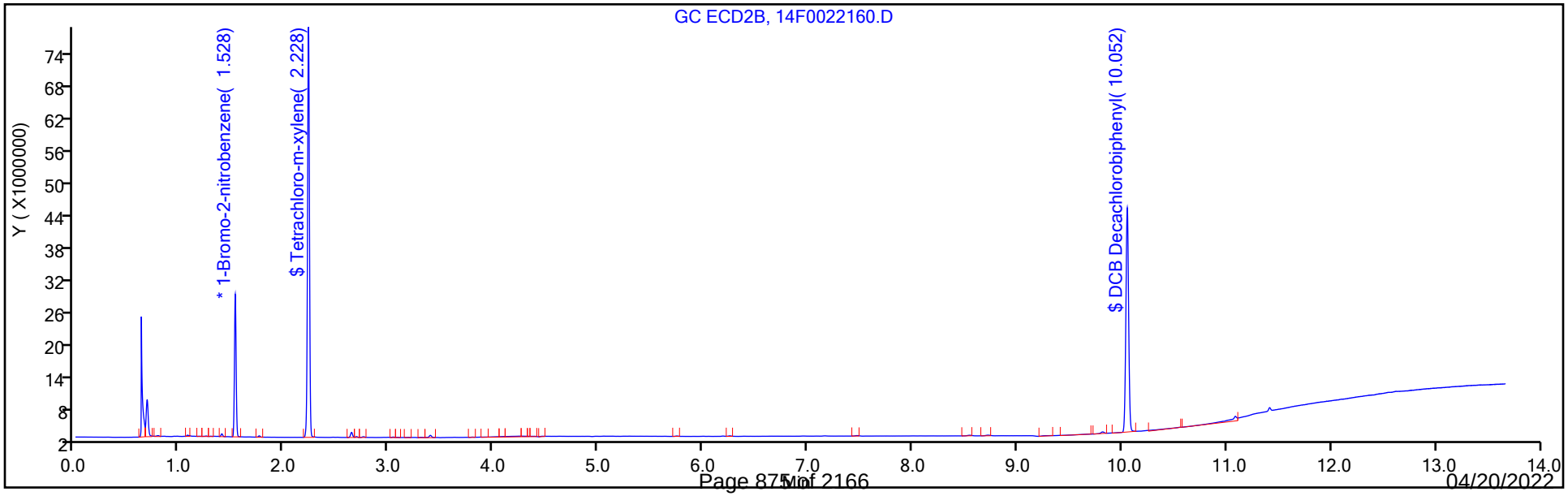
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022160.D

Injection Date:	07-Apr-2022 11:43:16	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-255715-D-16-C	Lab Sample ID:	460-255715-16	Worklist Smp#:	26
Client ID:	COMP-1				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	56
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022160.D				
Lims ID:	460-255715-D-16-C				
Client ID:	COMP-1				
Sample Type:	Client				
Inject. Date:	07-Apr-2022 11:43:16	ALS Bottle#:	56	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0143711-026				
Operator ID:		Instrument ID:	CPESTGC14		
Method:	\\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m				
Limit Group:	GC 8082A PCB ISTD				
Last Update:	07-Apr-2022 13:21:17	Calib Date:	03-Mar-2022 10:07:21		
Integrator:	Falcon				
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D				
Column 1 :	Rtx-CLPesticides (0.53 mm)		Det: GC ECD1A		
Column 2 :	Rtx-CLP Pest 2 (0.53 mm)		Det: GC ECD2B		
Process Host:	CTX1640				
First Level Reviewer: patelji		Date:	07-Apr-2022 12:50:43		

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	58.3	116.64
$ 11 DCB Decachlorobiphenyl	50.0	60.4	120.87

Surrogate Recovery, Detector: GC ECD2B

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	55.3	110.70
$ 11 DCB Decachlorobiphenyl	50.0	57.3	114.63

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: COMP-1 | Lab Sample ID: 460-255715-16

Matrix: Solid | Lab File ID: 14F0022160.D

Analysis Method: 8082A | Date Collected: 04/05/2022 10:25

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:19

Sample wt/vol: 15.02(g) | Date Analyzed: 04/07/2022 11:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837782 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	19	U	71	19
11104-28-2	Aroclor 1221	19	U	71	19
11141-16-5	Aroclor 1232	19	U	71	19
53469-21-9	Aroclor 1242	19	U	71	19
12672-29-6	Aroclor 1248	19	U	71	19
11097-69-1	Aroclor 1254	19	U	71	19
11096-82-5	Aroclor 1260	19	U	71	19
37324-23-5	Aroclor-1262	19	U	71	19
11100-14-4	Aroclor 1268	19	U	71	19
1336-36-3	Polychlorinated biphenyls, Total	19	U	71	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	115		37-150
877-09-8	Tetrachloro-m-xylene	111		54-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022160.D
Lims ID: 460-255715-D-16-C
Client ID: COMP-1
Sample Type: Client
Inject. Date: 07-Apr-2022 11:43:16 ALS Bottle#: 56 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143711-026
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: patelji Date: 07-Apr-2022 12:50:43

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.736	1.733	0.003	17626795	20.0	
2	1.528	1.524	0.004	29389934	20.0	M
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.740	2.733	0.007	58192502	58.3	
2	2.228	2.220	0.008	98124067	55.3	
					RPD = 5.23	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	11.145	11.157	-0.012	32664183	60.4	
2	10.052	10.047	0.005	75805162	57.3	
					RPD = 5.30	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SGPCBISTD_00025 Amount Added: 20.00 Units: uL Run Reagent

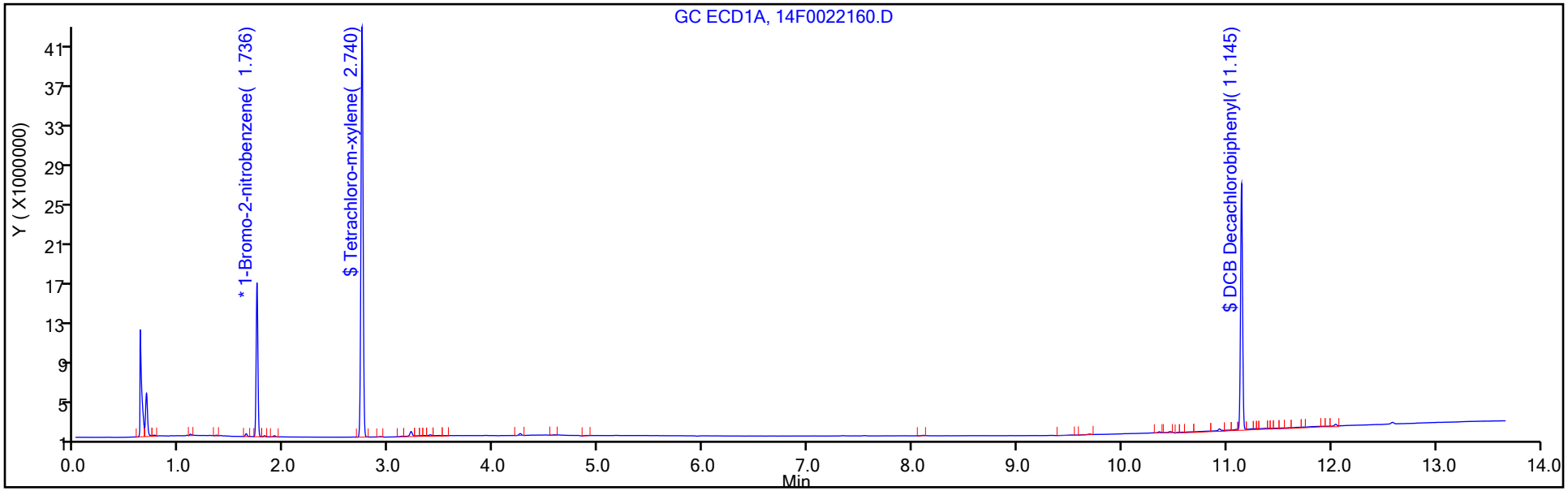
Report Date: 07-Apr-2022 13:21:38 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

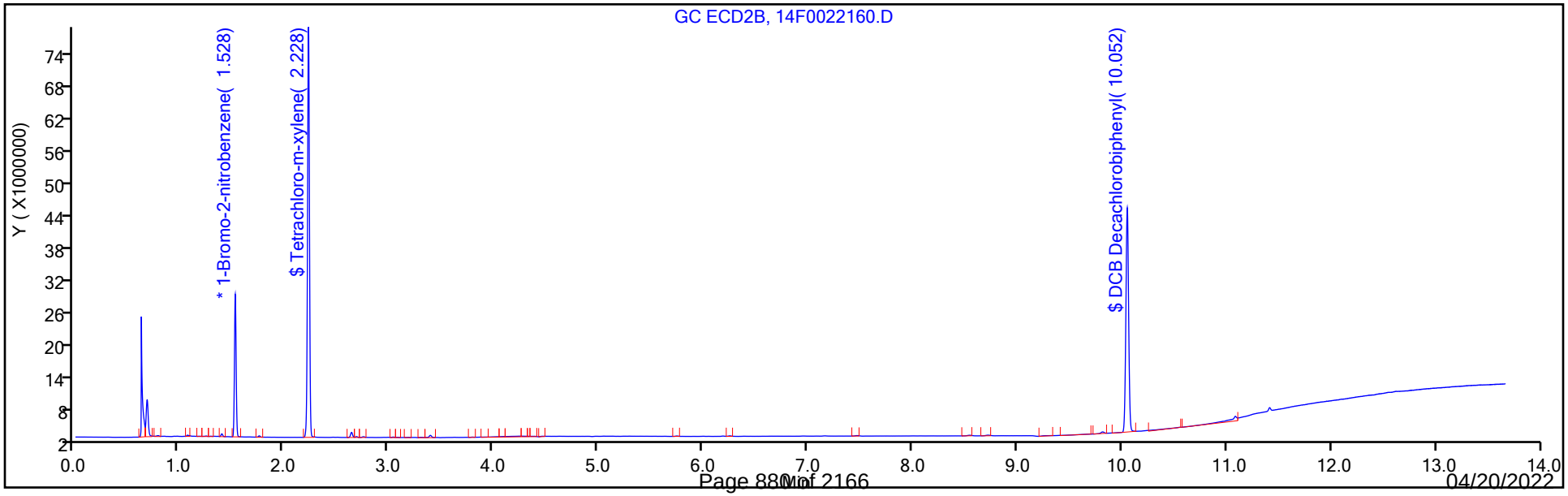
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022160.D

Injection Date:	07-Apr-2022 11:43:16	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-255715-D-16-C	Lab Sample ID:	460-255715-16	Worklist Smp#:	26
Client ID:	COMP-1				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	56
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022160.D				
Lims ID:	460-255715-D-16-C				
Client ID:	COMP-1				
Sample Type:	Client				
Inject. Date:	07-Apr-2022 11:43:16	ALS Bottle#:	56	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0143711-026				
Operator ID:		Instrument ID:	CPESTGC14		
Method:	\\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m				
Limit Group:	GC 8082A PCB ISTD				
Last Update:	07-Apr-2022 13:21:17	Calib Date:	03-Mar-2022 10:07:21		
Integrator:	Falcon				
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D				
Column 1 :	Rtx-CLPesticides (0.53 mm)		Det: GC ECD1A		
Column 2 :	Rtx-CLP Pest 2 (0.53 mm)		Det: GC ECD2B		
Process Host:	CTX1640				
First Level Reviewer: patelji		Date:	07-Apr-2022 12:50:43		

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	58.3	116.64
$ 11 DCB Decachlorobiphenyl	50.0	60.4	120.87

Surrogate Recovery, Detector: GC ECD2B

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	55.3	110.70
$ 11 DCB Decachlorobiphenyl	50.0	57.3	114.63

Manual Integration/User Assign Peak Report

Eurofins Edison

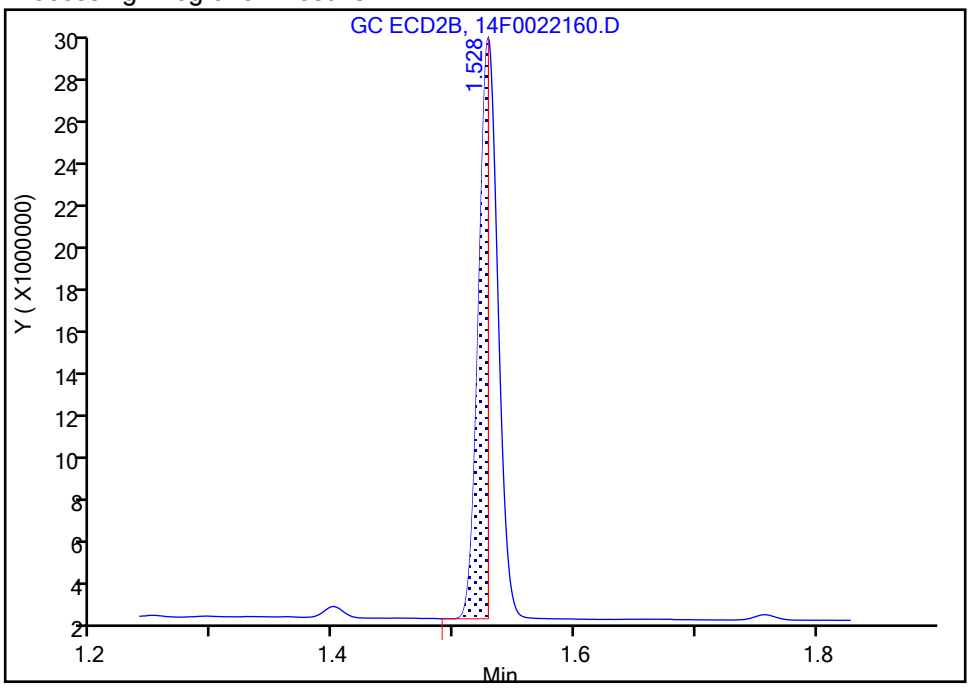
Data File:	\\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022160.D				
Injection Date:	07-Apr-2022 11:43:16	Instrument ID:	CPESTGC14		
Lims ID:	460-255715-D-16-C	Lab Sample ID:	460-255715-16		
Client ID:	COMP-1				
Operator ID:		ALS Bottle#:	56	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLP Pest 2 (0.53 mm)	Detector	GC ECD2B		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

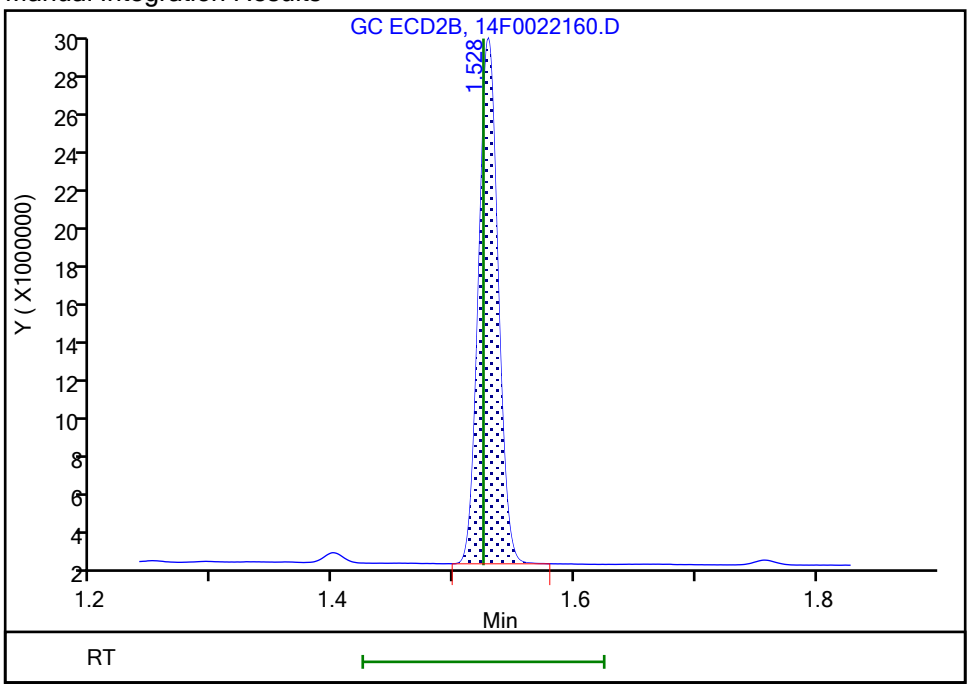
Processing Integration Results

RT: 1.53
Area: 14479406
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.53
Area: 29389934
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 07-Apr-2022 12:50:41
Audit Action: Manually Integrated Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: COMP-2 | Lab Sample ID: 460-255715-17

Matrix: Solid | Lab File ID: 14F0022163.D

Analysis Method: 8082A | Date Collected: 04/05/2022 12:15

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:19

Sample wt/vol: 15.02(g) | Date Analyzed: 04/07/2022 12:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 5.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837782 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	116		37-150
877-09-8	Tetrachloro-m-xylene	110		54-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022163.D
Lims ID: 460-255715-C-17-A
Client ID: COMP-2
Sample Type: Client
Inject. Date: 07-Apr-2022 12:33:07 ALS Bottle#: 59 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143711-029
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: patelji Date: 07-Apr-2022 12:50:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.735	1.733	0.002	17227742	20.0	
2	1.528	1.524	0.004	28843235	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.740	2.733	0.007	53876251	55.2	
2	2.228	2.220	0.008	91623474	52.7	
					RPD = 4.79	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	11.145	11.157	-0.012	30689228	58.1	
2	10.053	10.047	0.006	70337720	54.2	
					RPD = 6.96	

QC Flag Legend

Processing Flags

Reagents:

SGPCBISTD_00025 Amount Added: 20.00 Units: uL Run Reagent

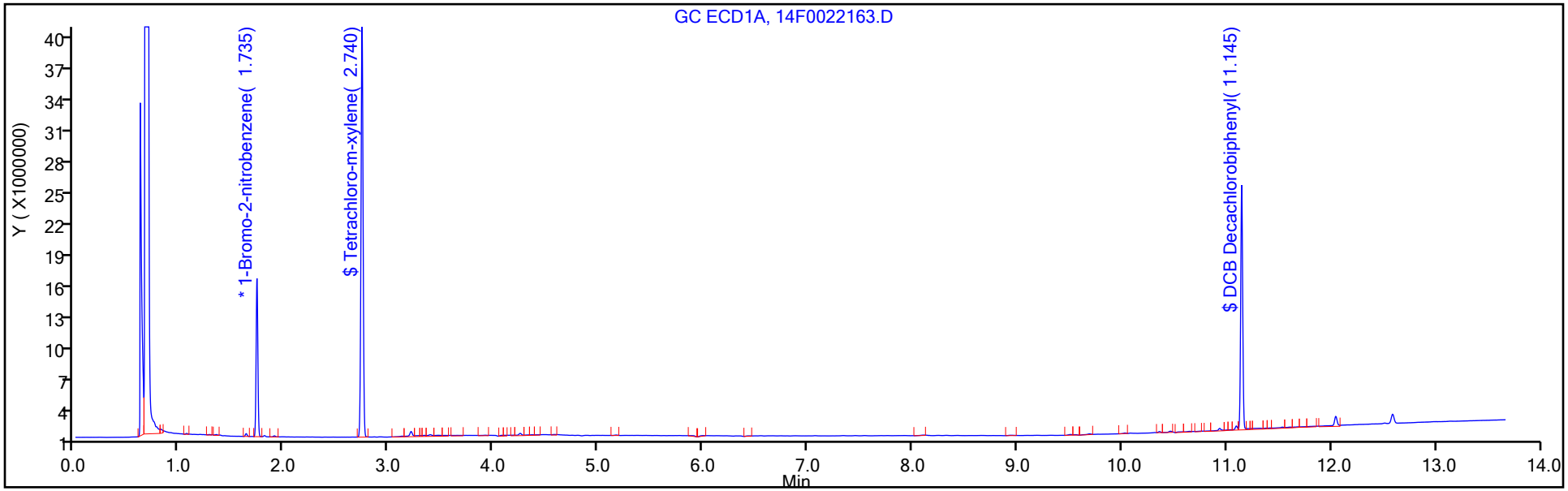
Report Date: 07-Apr-2022 13:21:45 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

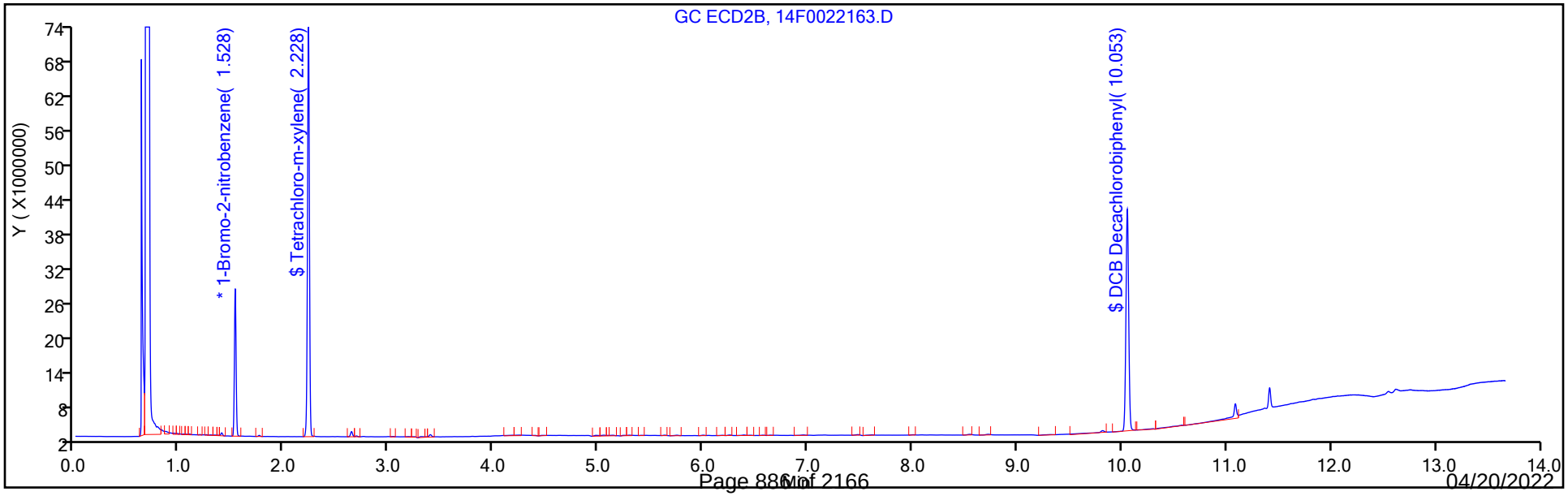
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022163.D

Injection Date:	07-Apr-2022 12:33:07	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-255715-C-17-A	Lab Sample ID:	460-255715-17	Worklist Smp#:	29
Client ID:	COMP-2				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	59
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022163.D				
Lims ID:	460-255715-C-17-A				
Client ID:	COMP-2				
Sample Type:	Client				
Inject. Date:	07-Apr-2022 12:33:07	ALS Bottle#:	59	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0143711-029				
Operator ID:		Instrument ID:	CPESTGC14		
Method:	\\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m				
Limit Group:	GC 8082A PCB ISTD				
Last Update:	07-Apr-2022 13:21:17	Calib Date:	03-Mar-2022 10:07:21		
Integrator:	Falcon				
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D				
Column 1 :	Rtx-CLPesticides (0.53 mm)		Det: GC ECD1A		
Column 2 :	Rtx-CLP Pest 2 (0.53 mm)		Det: GC ECD2B		
Process Host:	CTX1640				
First Level Reviewer: patelji		Date:	07-Apr-2022 12:50:15		

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	55.2	110.49
$ 11 DCB Decachlorobiphenyl	50.0	58.1	116.20

Surrogate Recovery, Detector: GC ECD2B

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	52.7	105.33
$ 11 DCB Decachlorobiphenyl	50.0	54.2	108.38

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: COMP-2 | Lab Sample ID: 460-255715-17

Matrix: Solid | Lab File ID: 14F0022163.D

Analysis Method: 8082A | Date Collected: 04/05/2022 12:15

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:19

Sample wt/vol: 15.02(g) | Date Analyzed: 04/07/2022 12:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837782 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	19	U	71	19
11104-28-2	Aroclor 1221	19	U	71	19
11141-16-5	Aroclor 1232	19	U	71	19
53469-21-9	Aroclor 1242	19	U	71	19
12672-29-6	Aroclor 1248	19	U	71	19
11097-69-1	Aroclor 1254	19	U	71	19
11096-82-5	Aroclor 1260	19	U	71	19
37324-23-5	Aroclor-1262	19	U	71	19
11100-14-4	Aroclor 1268	19	U	71	19
1336-36-3	Polychlorinated biphenyls, Total	19	U	71	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		37-150
877-09-8	Tetrachloro-m-xylene	105		54-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022163.D
Lims ID: 460-255715-C-17-A
Client ID: COMP-2
Sample Type: Client
Inject. Date: 07-Apr-2022 12:33:07 ALS Bottle#: 59 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143711-029
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: patelji Date: 07-Apr-2022 12:50:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.735	1.733	0.002	17227742	20.0	
2	1.528	1.524	0.004	28843235	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.740	2.733	0.007	53876251	55.2	
2	2.228	2.220	0.008	91623474	52.7	
					RPD = 4.79	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	11.145	11.157	-0.012	30689228	58.1	
2	10.053	10.047	0.006	70337720	54.2	
					RPD = 6.96	

QC Flag Legend

Processing Flags

Reagents:

SGPCBISTD_00025 Amount Added: 20.00 Units: uL Run Reagent

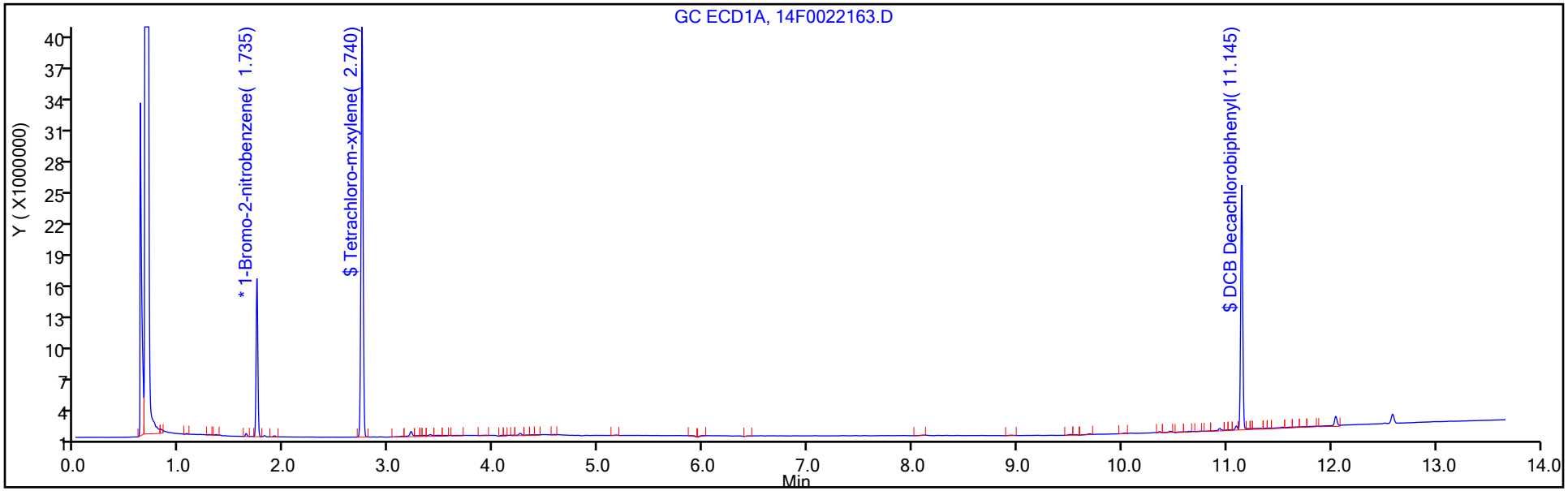
Report Date: 07-Apr-2022 13:21:46 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

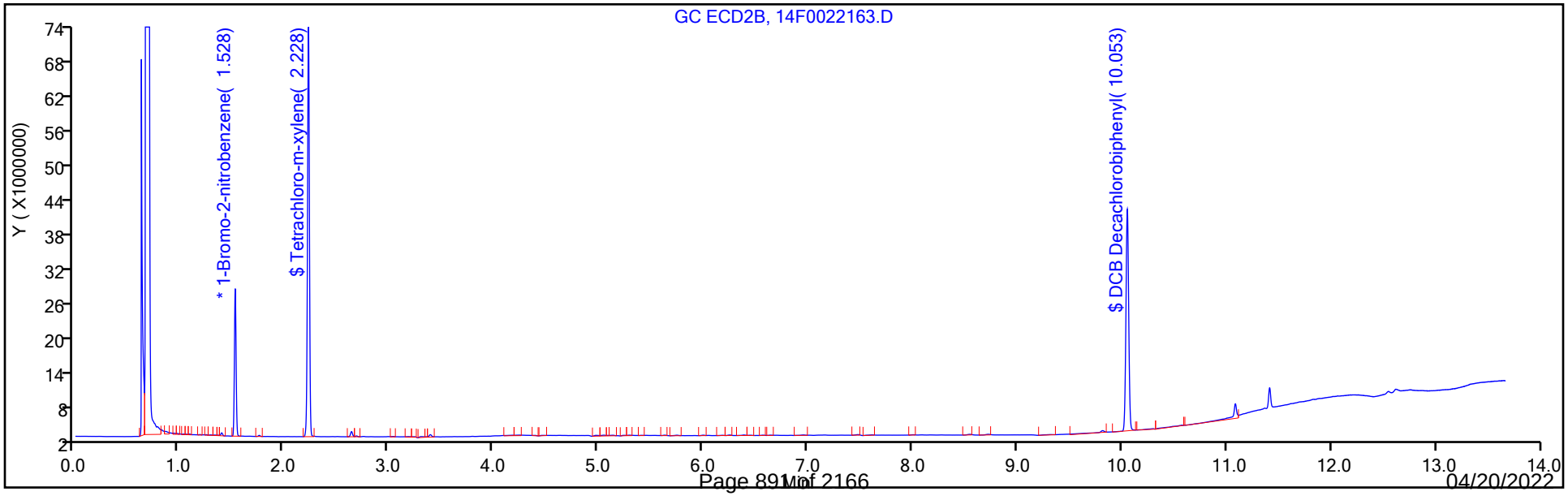
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022163.D

Injection Date:	07-Apr-2022 12:33:07	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-255715-C-17-A	Lab Sample ID:	460-255715-17	Worklist Smp#:	29
Client ID:	COMP-2				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	59
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022163.D
Lims ID: 460-255715-C-17-A
Client ID: COMP-2
Sample Type: Client
Inject. Date: 07-Apr-2022 12:33:07 ALS Bottle#: 59 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143711-029
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: patelji Date: 07-Apr-2022 12:50:15

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	55.2	110.49
$ 11 DCB Decachlorobiphenyl	50.0	58.1	116.20

Surrogate Recovery, Detector: GC ECD2B

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	52.7	105.33
$ 11 DCB Decachlorobiphenyl	50.0	54.2	108.38

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: COMP-3 | Lab Sample ID: 460-255715-18

Matrix: Solid | Lab File ID: 14F0022164.D

Analysis Method: 8082A | Date Collected: 04/05/2022 13:35

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:19

Sample wt/vol: 15.01(g) | Date Analyzed: 04/07/2022 12:49

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 6.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837782 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	123		37-150
877-09-8	Tetrachloro-m-xylene	118		54-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022164.D
Lims ID: 460-255715-A-18-A
Client ID: COMP-3
Sample Type: Client
Inject. Date: 07-Apr-2022 12:49:42 ALS Bottle#: 60 Worklist Smp#: 30
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143711-030
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: patelji Date: 07-Apr-2022 13:08:30

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.736	1.733	0.003	16717391	20.0	
2	1.529	1.524	0.005	27876900	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.740	2.733	0.007	55820596	59.0	
2	2.229	2.220	0.009	94411268	56.1	
					RPD = 4.94	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	11.144	11.157	-0.013	31611828	61.7	
2	10.052	10.047	0.005	73175068	58.3	
					RPD = 5.57	

QC Flag Legend

Processing Flags

Reagents:

SGPCBISTD_00025 Amount Added: 20.00 Units: uL Run Reagent

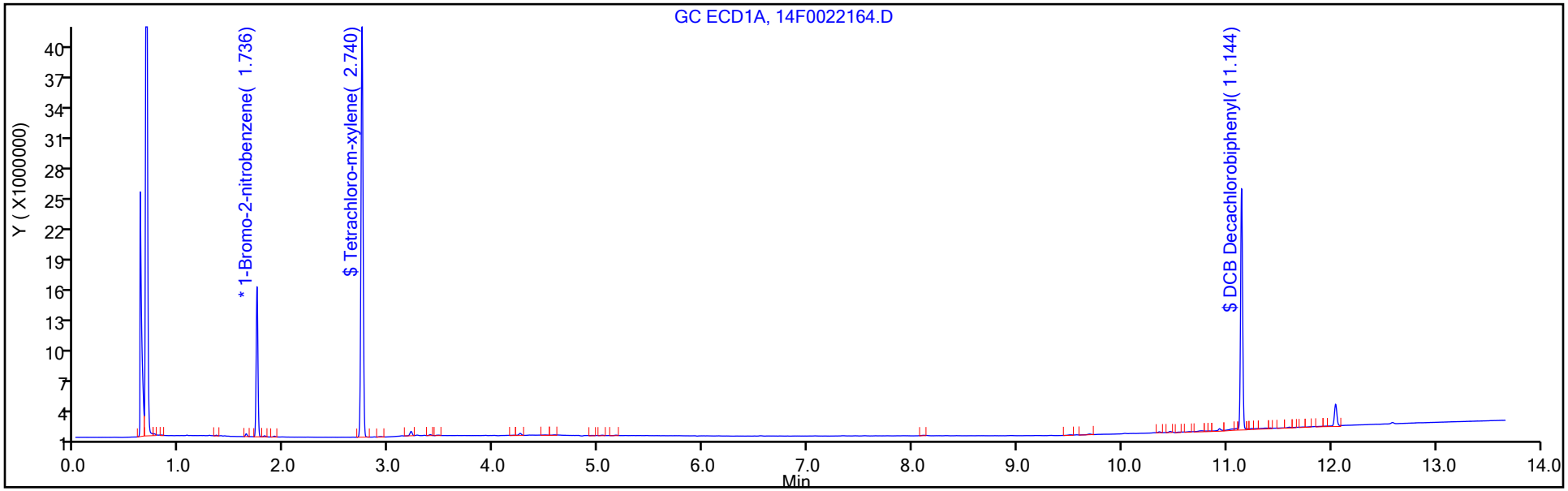
Report Date: 07-Apr-2022 13:21:47 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

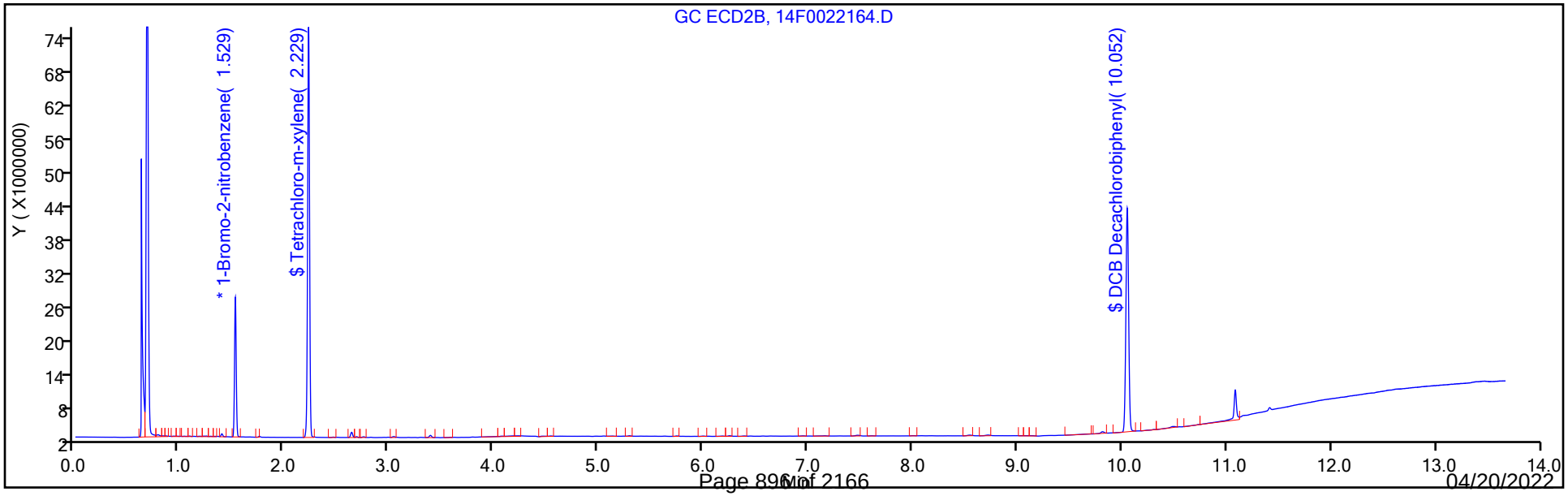
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022164.D

Injection Date:	07-Apr-2022 12:49:42	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-255715-A-18-A	Lab Sample ID:	460-255715-18	Worklist Smp#:	30
Client ID:	COMP-3				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	60
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022164.D				
Lims ID:	460-255715-A-18-A				
Client ID:	COMP-3				
Sample Type:	Client				
Inject. Date:	07-Apr-2022 12:49:42	ALS Bottle#:	60	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0143711-030				
Operator ID:		Instrument ID:	CPESTGC14		
Method:	\\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m				
Limit Group:	GC 8082A PCB ISTD				
Last Update:	07-Apr-2022 13:21:17	Calib Date:	03-Mar-2022 10:07:21		
Integrator:	Falcon				
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D				
Column 1 :	Rtx-CLPesticides (0.53 mm)		Det: GC ECD1A		
Column 2 :	Rtx-CLP Pest 2 (0.53 mm)		Det: GC ECD2B		
Process Host:	CTX1640				
First Level Reviewer: patelji		Date:	07-Apr-2022 13:08:30		

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	59.0	117.98
$ 11 DCB Decachlorobiphenyl	50.0	61.7	123.34

Surrogate Recovery, Detector: GC ECD2B

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	56.1	112.29
$ 11 DCB Decachlorobiphenyl	50.0	58.3	116.66

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: COMP-3 | Lab Sample ID: 460-255715-18

Matrix: Solid | Lab File ID: 14F0022164.D

Analysis Method: 8082A | Date Collected: 04/05/2022 13:35

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:19

Sample wt/vol: 15.01(g) | Date Analyzed: 04/07/2022 12:49

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837782 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	19	U	71	19
11104-28-2	Aroclor 1221	19	U	71	19
11141-16-5	Aroclor 1232	19	U	71	19
53469-21-9	Aroclor 1242	19	U	71	19
12672-29-6	Aroclor 1248	19	U	71	19
11097-69-1	Aroclor 1254	19	U	71	19
11096-82-5	Aroclor 1260	19	U	71	19
37324-23-5	Aroclor-1262	19	U	71	19
11100-14-4	Aroclor 1268	19	U	71	19
1336-36-3	Polychlorinated biphenyls, Total	19	U	71	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		37-150
877-09-8	Tetrachloro-m-xylene	112		54-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022164.D
Lims ID: 460-255715-A-18-A
Client ID: COMP-3
Sample Type: Client
Inject. Date: 07-Apr-2022 12:49:42 ALS Bottle#: 60 Worklist Smp#: 30
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143711-030
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: patelji Date: 07-Apr-2022 13:08:30

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.736	1.733	0.003	16717391	20.0	
2	1.529	1.524	0.005	27876900	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.740	2.733	0.007	55820596	59.0	
2	2.229	2.220	0.009	94411268	56.1	
					RPD = 4.94	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	11.144	11.157	-0.013	31611828	61.7	
2	10.052	10.047	0.005	73175068	58.3	
					RPD = 5.57	

QC Flag Legend

Processing Flags

Reagents:

SGPCBISTD_00025 Amount Added: 20.00 Units: uL Run Reagent

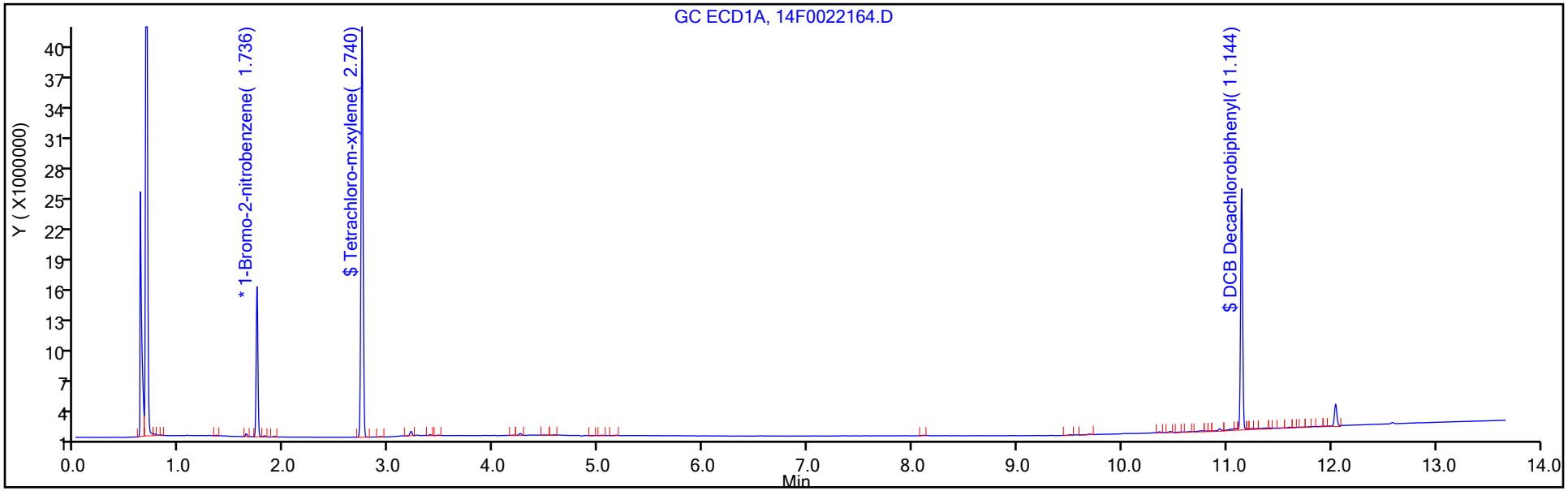
Report Date: 07-Apr-2022 13:21:47 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

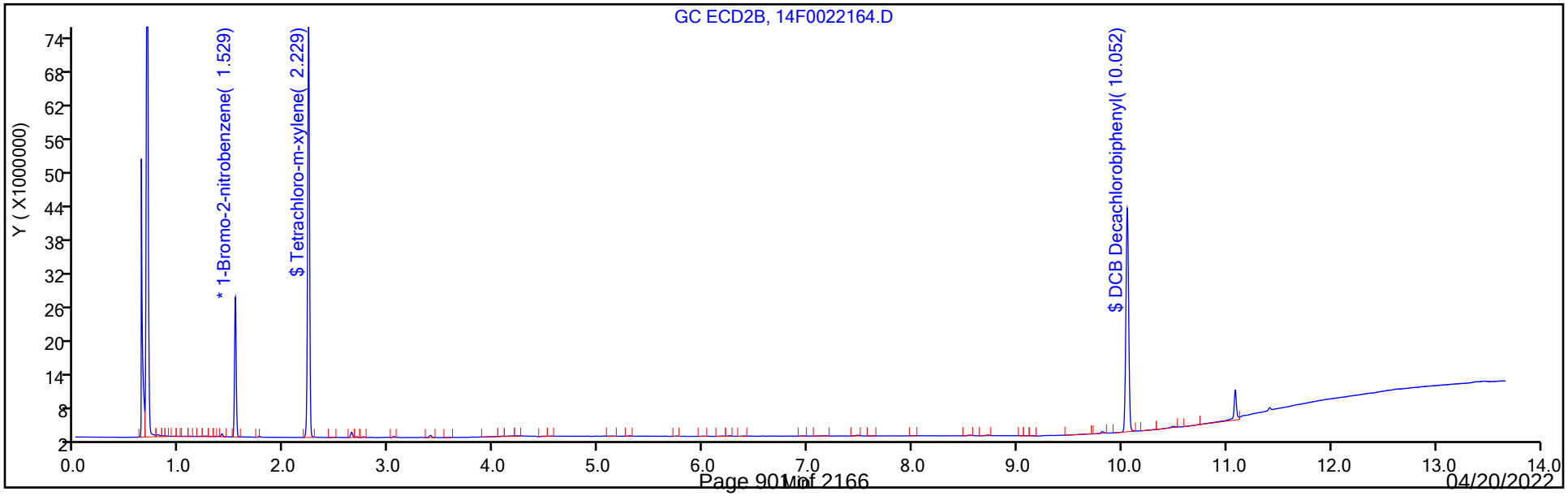
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022164.D

Injection Date:	07-Apr-2022 12:49:42	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-255715-A-18-A	Lab Sample ID:	460-255715-18	Worklist Smp#:	30
Client ID:	COMP-3				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	60
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022164.D
Lims ID: 460-255715-A-18-A
Client ID: COMP-3
Sample Type: Client
Inject. Date: 07-Apr-2022 12:49:42 ALS Bottle#: 60 Worklist Smp#: 30
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143711-030
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: patelji Date: 07-Apr-2022 13:08:30

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	59.0	117.98
$ 11 DCB Decachlorobiphenyl	50.0	61.7	123.34

Surrogate Recovery, Detector: GC ECD2B

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	56.1	112.29
$ 11 DCB Decachlorobiphenyl	50.0	58.3	116.66

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 18:33 Calibration End Date: 03/03/2022 10:07 Calibration ID: 89407

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/3	14F0021107.D
Level 2	IC 460-831251/4	14F0021108.D
Level 3	IC 460-831251/2	14F0021106.D
Level 4	IC 460-831251/17	14F0021121.D
Level 5	IC 460-831251/6	14F0021110.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0174	0.0193	0.0180	0.0196	0.0181	Ave		0.0185				5.0		20.0			
PCB-1016 Peak 2	0.0365	0.0402	0.0380	0.0430	0.0379	Ave		0.0391				6.5		20.0			
PCB-1016 Peak 3	0.0761	0.0834	0.0796	0.0924	0.0808	Ave		0.0825				7.5		20.0			
PCB-1016 Peak 4	0.0310	0.0319	0.0311	0.0345	0.0304	Ave		0.0318				5.1		20.0			
PCB-1016 Peak 5	0.0182	0.0200	0.0188	0.0221	0.0193	Ave		0.0197				7.5		20.0			
PCB-1016 Peak 6	0.0236	0.0257	0.0243	0.0280	0.0245	Ave		0.0252				6.9		20.0			
PCB-1016 Peak 7	0.0234	0.0252	0.0237	0.0273	0.0240	Ave		0.0247				6.4		20.0			
PCB-1016 Peak 8	0.0152	0.0169	0.0160	0.0185	0.0160	Ave		0.0165				7.5		20.0			
PCB-1260 Peak 1	0.0185	0.0213	0.0201	0.0233	0.0204	Ave		0.0207				8.5		20.0			
PCB-1260 Peak 2	0.0388	0.0488	0.0462	0.0533	0.0468	Ave		0.0468				11.2		20.0			
PCB-1260 Peak 3	0.0477	0.0539	0.0516	0.0596	0.0517	Ave		0.0529				8.2		20.0			
PCB-1260 Peak 4	0.0366	0.0418	0.0400	0.0463	0.0400	Ave		0.0409				8.6		20.0			
PCB-1260 Peak 5	0.0373	0.0427	0.0414	0.0478	0.0415	Ave		0.0422				8.9		20.0			
PCB-1260 Peak 6	0.0820	0.0926	0.0912	0.1061	0.0925	Ave		0.0929				9.3		20.0			
PCB-1260 Peak 7	0.0547	0.0603	0.0595	0.0692	0.0602	Ave		0.0608				8.6		20.0			
PCB-1260 Peak 8	0.0224	0.0240	0.0234	0.0275	0.0239	Ave		0.0243				7.8		20.0			
Tetrachloro-m-xylene	0.9068	1.1557	1.1534	1.2775	1.1673	Ave		1.1321				12.0		20.0			
DCB Decachlorobiphenyl	0.5182	0.6156	0.5977	0.6983	0.6364	Ave		0.6132				10.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 18:33 Calibration End Date: 03/03/2022 10:07 Calibration ID: 89407

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/3	14F0021107.D
Level 2	IC 460-831251/4	14F0021108.D
Level 3	IC 460-831251/2	14F0021106.D
Level 4	IC 460-831251/17	14F0021121.D
Level 5	IC 460-831251/6	14F0021110.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	879354	9433967	19182607	30593627	41684450	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	1842615	19653806	40443115	66981947	87362296	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	3836150	40802859	84735422	143904240	186160388	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	1564698	15589632	33135349	53766969	69942781	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	917007	9775194	20062484	34345423	44507512	50.0	500	1000	1500	2500
PCB-1016 Peak 6	BNB	Ave	1192017	12596609	25879313	43674178	56338411	50.0	500	1000	1500	2500
PCB-1016 Peak 7	BNB	Ave	1181874	12323822	25281580	42494310	55255893	50.0	500	1000	1500	2500
PCB-1016 Peak 8	BNB	Ave	766394	8263637	17018818	28747096	36845942	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	933786	10419994	21369280	36277751	47001674	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	1956687	23886939	49198261	83007814	107713783	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	2404945	26389407	54985739	92813249	119132050	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	1845608	20432617	42646420	72059955	92154795	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	1880371	20883867	44143592	74452158	95648062	50.0	500	1000	1500	2500
PCB-1260 Peak 6	BNB	Ave	4135331	45306010	97161040	165300560	213142479	50.0	500	1000	1500	2500
PCB-1260 Peak 7	BNB	Ave	2755543	29504318	63333309	107702809	138774586	50.0	500	1000	1500	2500
PCB-1260 Peak 8	BNB	Ave	1131002	11762786	24939306	42752267	55087921	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	11429327	56535704	122840392	198959608	215153659	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	6531875	30115697	63657963	108753747	117291363	12.5	50.0	100	150	200

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021106.D
Lims ID: IC PCB
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 02-Mar-2022 18:33:25 ALS Bottle#: 5 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:13:58 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 09:52:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.753	1.753	0.000	21301061	20.0	20.0	
2	1.542	1.542	0.000	33501879	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.765	2.765	0.000	122840392	100.0	101.9	
2	2.250	2.250	0.000	207551625	100.0	102.7	M
						RPD = 0.81	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.399	3.399	0.000	19182607	1000.0	973.8	
1	3.917	3.917	0.000	40443115	1000.0	970.6	
1	4.495	4.495	0.000	84735422	1000.0	964.9	
1	4.667	4.667	0.000	33135349	1000.0	979.0	
1	4.795	4.795	0.000	20062484	1000.0	957.4	
1	5.262	5.262	0.000	25879313	1000.0	962.8	
1	5.416	5.416	0.000	25281580	1000.0	959.9	
1	5.814	5.814	0.000	17018818	1000.0	968.2	
		Average of Peak Amounts =				967.1	
2	2.653	2.653	0.000	34693312	1000.0	960.2	
2	3.049	3.049	0.000	71689282	1000.0	971.9	
2	3.278	3.278	0.000	46956477	1000.0	967.5	
2	3.583	3.583	0.000	158799651	1000.0	981.3	
2	3.736	3.736	0.000	62573591	1000.0	975.5	
2	3.807	3.807	0.000	37109300	1000.0	975.6	
2	4.218	4.218	0.000	59337643	1000.0	945.5	M
2	4.668	4.668	0.000	24346466	1000.0	951.6	M
		Average of Peak Amounts =				966.1	
						RPD = 0.10	
8 PCB-1260							M
1	6.863	6.863	0.000	21369280	1000.0	968.5	
1	7.134	7.134	0.000	49198261	1000.0	987.5	
1	7.518	7.518	0.000	54985739	1000.0	975.7	
1	8.395	8.395	0.000	42646420	1000.0	978.1	
1	9.020	9.020	0.000	44143592	1000.0	983.3	M
1	9.572	9.572	0.000	97161040	1000.0	982.0	M
1	10.082	10.082	0.000	63333309	1000.0	978.6	M
1	10.693	10.693	0.000	24939306	1000.0	965.6	
		Average of Peak Amounts =				977.4	
2	5.681	5.681	0.000	80191189	1000.0	973.2	M
2	6.450	6.450	0.000	141975503	1000.0	988.9	M
2	6.631	6.631	0.000	77785194	1000.0	981.8	M
2	7.018	7.018	0.000	85998639	1000.0	989.9	M
2	7.564	7.564	0.000	197437361	1000.0	994.3	M
2	8.081	8.081	0.000	98759597	1000.0	988.7	
2	8.249	8.249	0.000	57780448	1000.0	979.2	
2	9.408	9.408	0.000	56416905	1000.0	962.3	M
		Average of Peak Amounts =				982.3	
						RPD = 0.50	
$ 11 DCB Decachlorobiphenyl							
1	11.191	11.191	0.000	63657963	100.0	97.5	
2	10.104	10.104	0.000	147274748	100.0	97.7	
						RPD = 0.23	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SG1260ResPCB_00002	Amount Added: 1.00	Units: ml	
SG1660L3_00041	Amount Added: 1.00	Units: mL	
SGPCBISTD_00024	Amount Added: 20.00	Units: uL	Run Reagent

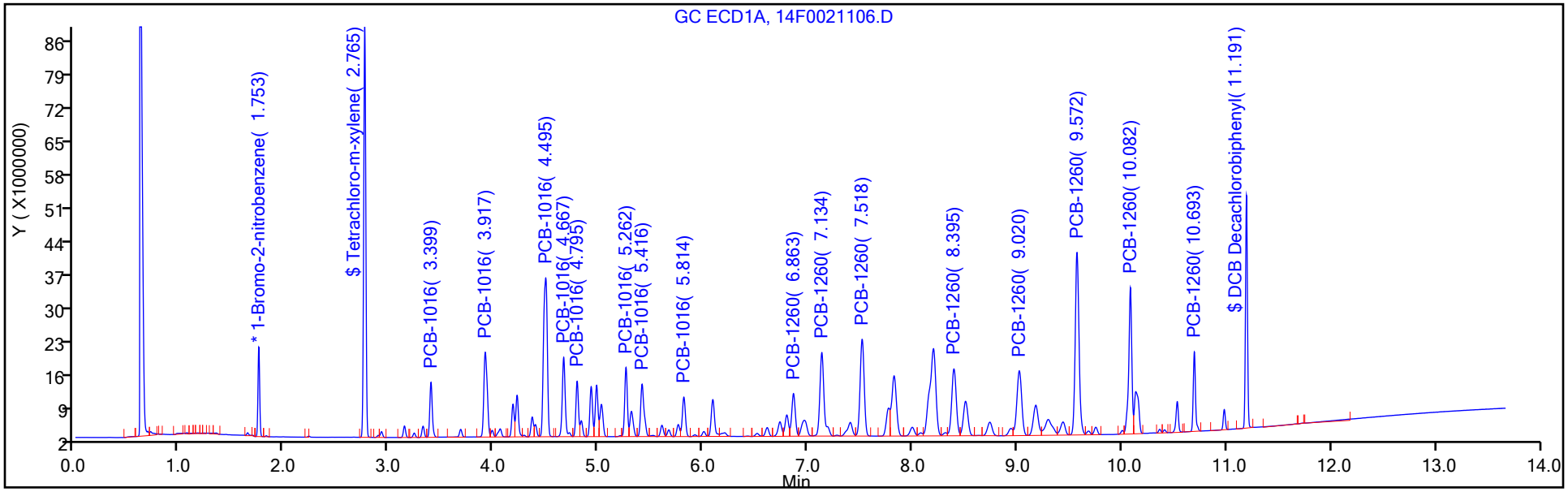
Report Date: 03-Mar-2022 11:13:58 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

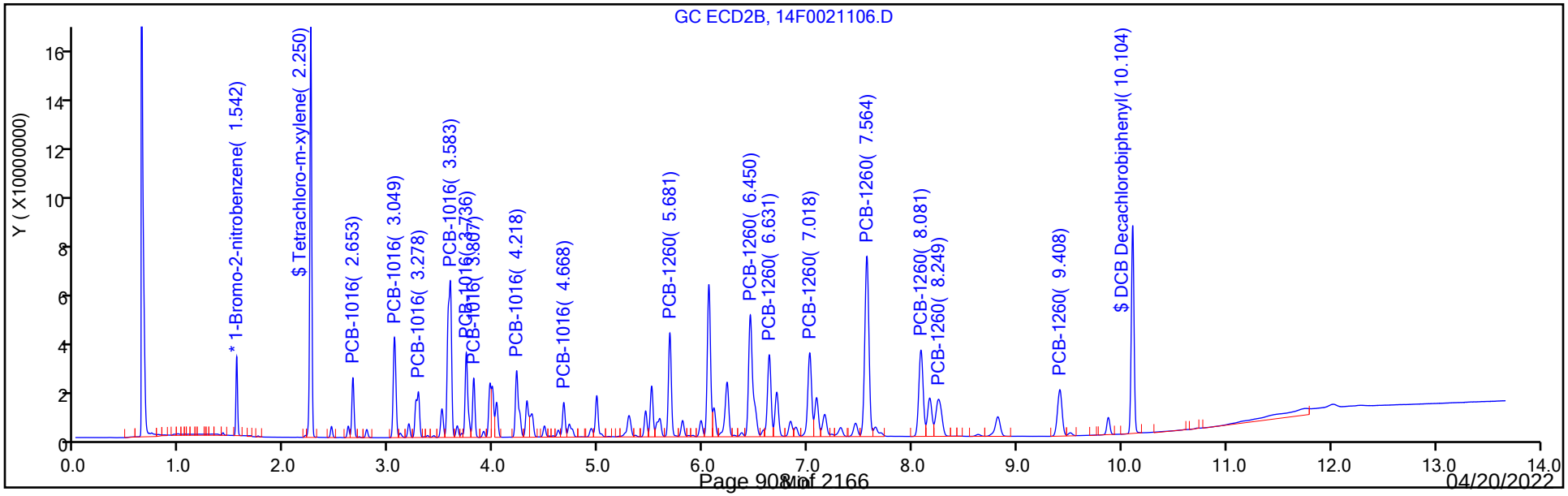
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021106.D

Injection Date:	02-Mar-2022 18:33:25	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)

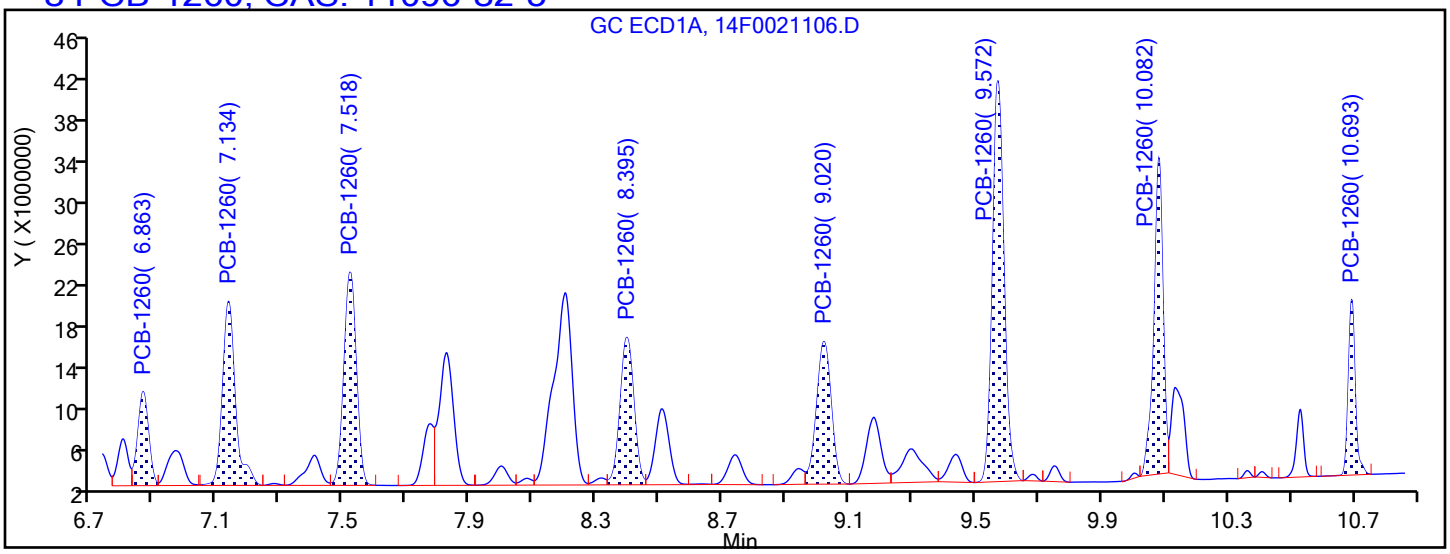


Report Date: 03-Mar-2022 11:13:58 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

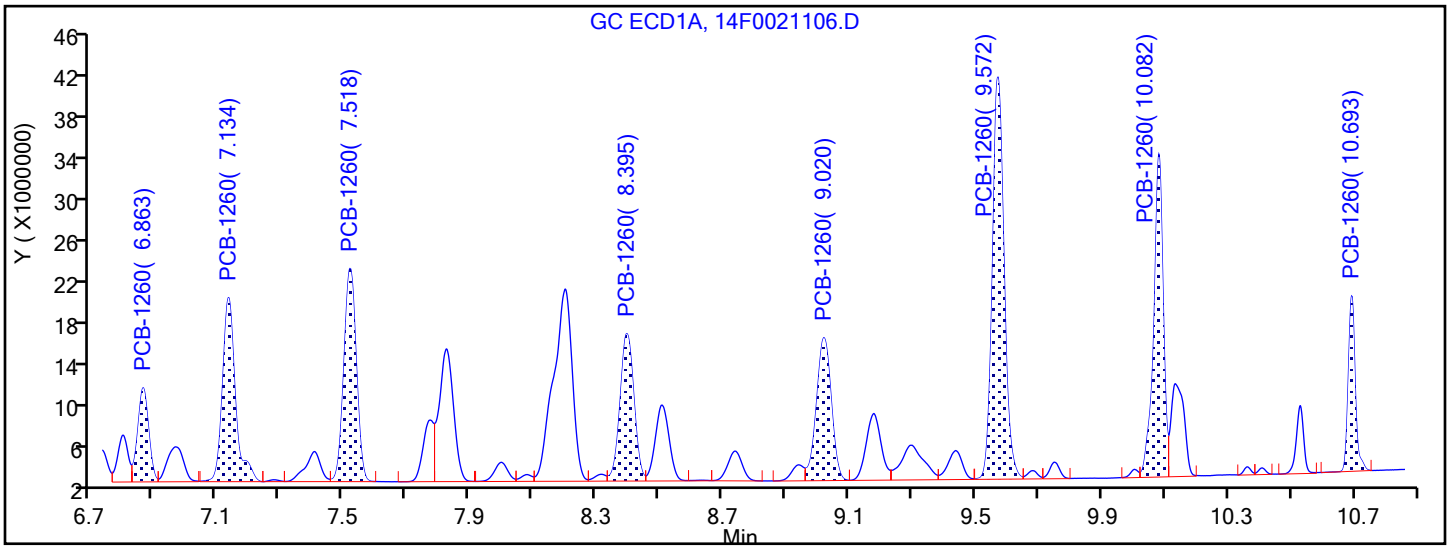
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021106.D
Injection Date: 02-Mar-2022 18:33:25 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

6.863	Response = 21369280
7.134	Response = 49198261
7.518	Response = 54985739
8.395	Response = 42646420
9.020	Response = 43951022
9.572	Response = 95954553
10.082	Response = 60065879
10.693	Response = 24939306



Manual Integration Results

6.863	Response = 21369280
7.134	Response = 49198261
7.518	Response = 54985739
8.395	Response = 42646420
9.020	Response = 44143592
9.572	Response = 97161040

M
M

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021107.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 02-Mar-2022 18:50:09 ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:02 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 09:54:51

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.754	1.753	0.001	20166195	20.0	20.0	M
2	1.542	1.542	0.000	31326700	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.766	2.765	0.001	11429327	12.5	10.0	M
2	2.249	2.250	-0.001	18929962	12.5	10.0	M
						RPD = 0.06	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.399	3.399	0.000	879354	50.0	47.2	
1	3.918	3.917	0.001	1842615	50.0	46.7	
1	4.495	4.495	0.000	3836150	50.0	46.1	M
1	4.667	4.667	0.000	1564698	50.0	48.8	M
1	4.796	4.795	0.001	917007	50.0	46.2	M
1	5.263	5.262	0.001	1192017	50.0	46.8	M
1	5.418	5.416	0.002	1181874	50.0	47.4	M
1	5.814	5.814	0.000	766394	50.0	46.1	M
		Average of Peak Amounts =				46.9	
2	2.653	2.653	0.000	1761917	50.0	52.2	
2	3.049	3.049	0.000	3391454	50.0	49.2	M
2	3.278	3.278	0.000	2215291	50.0	48.8	M
2	3.582	3.583	-0.001	6773404	50.0	44.8	M
2	3.736	3.736	0.000	2781277	50.0	46.4	M
2	3.807	3.807	0.000	1597345	50.0	44.9	M
2	4.217	4.218	-0.001	3099641	50.0	52.8	M
2	4.669	4.668	0.001	1226321	50.0	51.3	M
		Average of Peak Amounts =				48.8	
						RPD = 3.89	
8 PCB-1260							M
1	6.862	6.863	-0.001	933786	50.0	44.7	M
1	7.134	7.134	0.000	1956687	50.0	41.5	M
1	7.520	7.518	0.002	2404945	50.0	45.1	M
1	8.399	8.395	0.004	1845608	50.0	44.7	M
1	9.025	9.020	0.005	1880371	50.0	44.2	M
1	9.574	9.572	0.002	4135331	50.0	44.1	M
1	10.084	10.082	0.002	2755543	50.0	45.0	M
1	10.693	10.693	0.000	1131002	50.0	46.3	M
		Average of Peak Amounts =				44.4	
2	5.681	5.681	0.000	3657869	50.0	47.5	M
2	6.449	6.450	-0.001	5987668	50.0	44.6	M
2	6.632	6.631	0.001	3415592	50.0	46.1	M
2	7.018	7.018	0.000	3696958	50.0	45.5	M
2	7.565	7.564	0.001	8112540	50.0	43.7	M
2	8.081	8.081	0.000	4175878	50.0	44.7	M
2	8.254	8.249	0.005	2562813	50.0	46.4	M
2	9.409	9.408	0.001	2755880	50.0	50.3	M
		Average of Peak Amounts =				46.1	
						RPD = 3.65	
$ 11 DCB Decachlorobiphenyl							M
1	11.189	11.191	-0.002	6531875	12.5	10.6	M
2	10.105	10.104	0.001	15305363	12.5	10.9	M
						RPD = 2.74	
S 12 Polychlorinated biphenyls, Total							
1						91.4	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1260ResPCB_00002	Amount Added:	1.00	Units: mL	
SG1660L1_00025	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

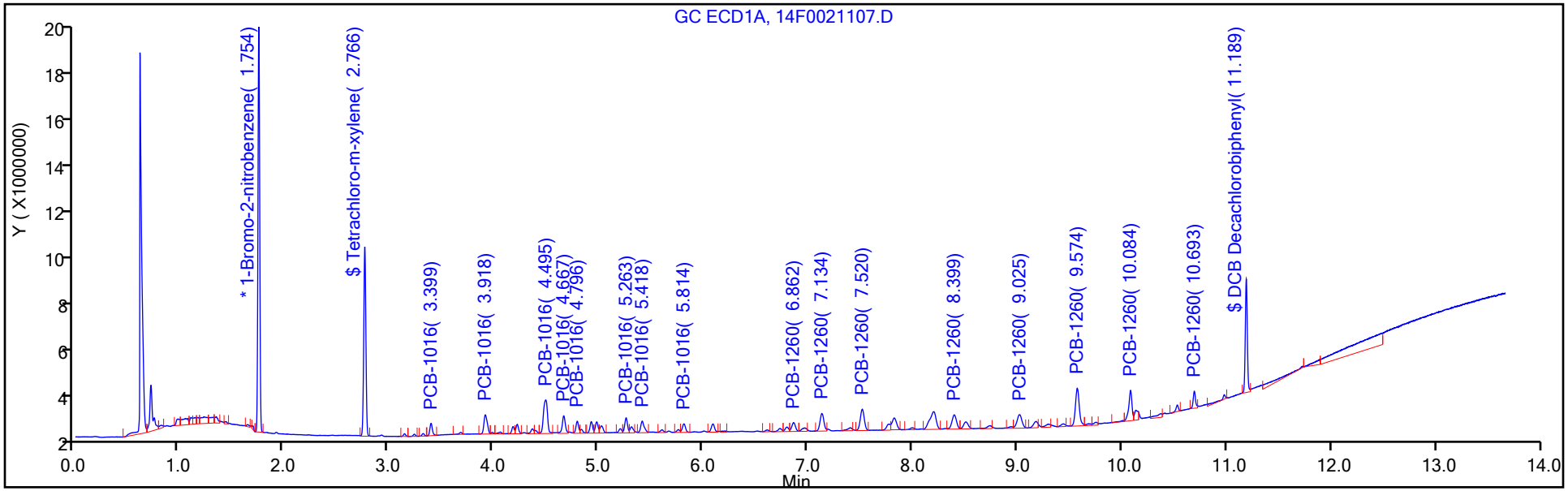
Report Date: 03-Mar-2022 11:14:02 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

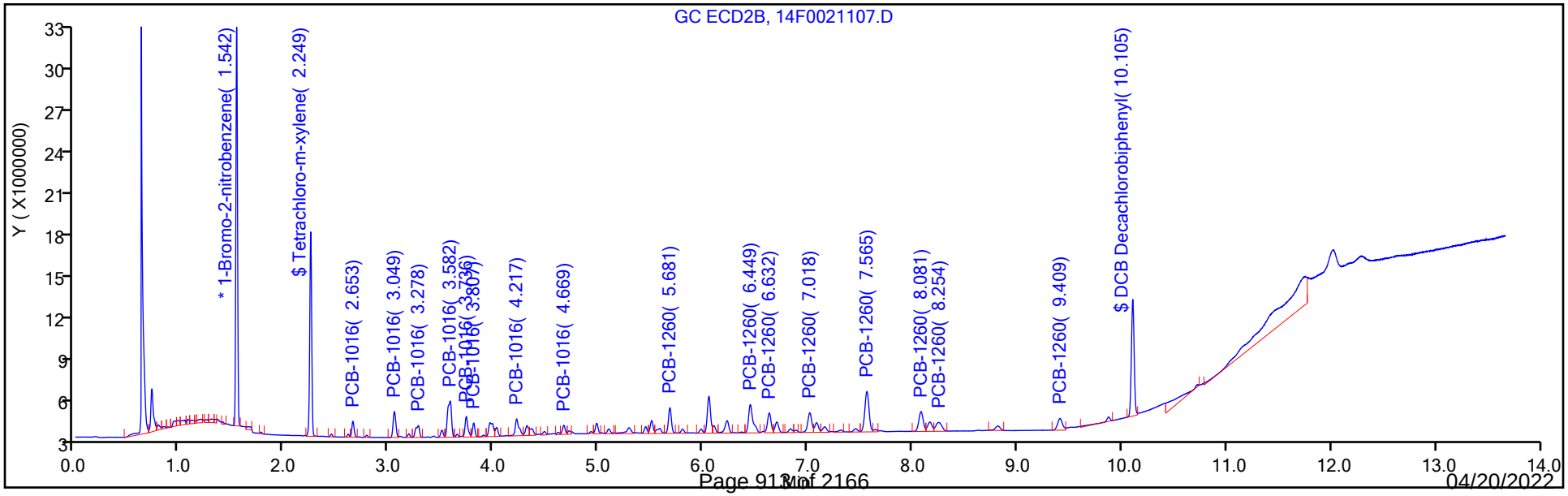
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021107.D

Injection Date:	02-Mar-2022 18:50:09	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison

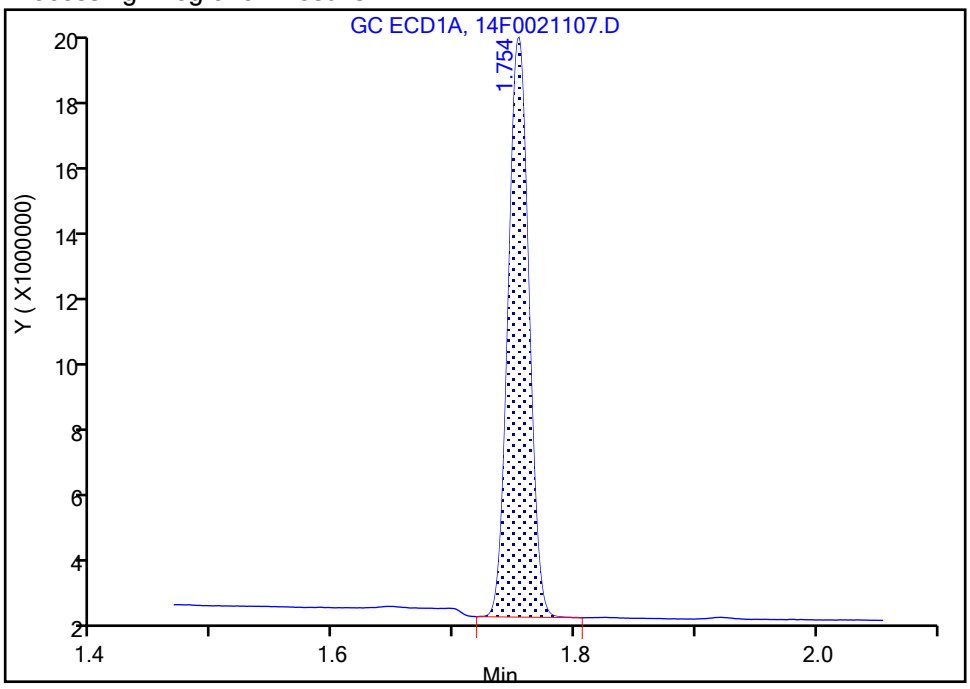
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021107.D
Injection Date: 02-Mar-2022 18:50:09 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 1

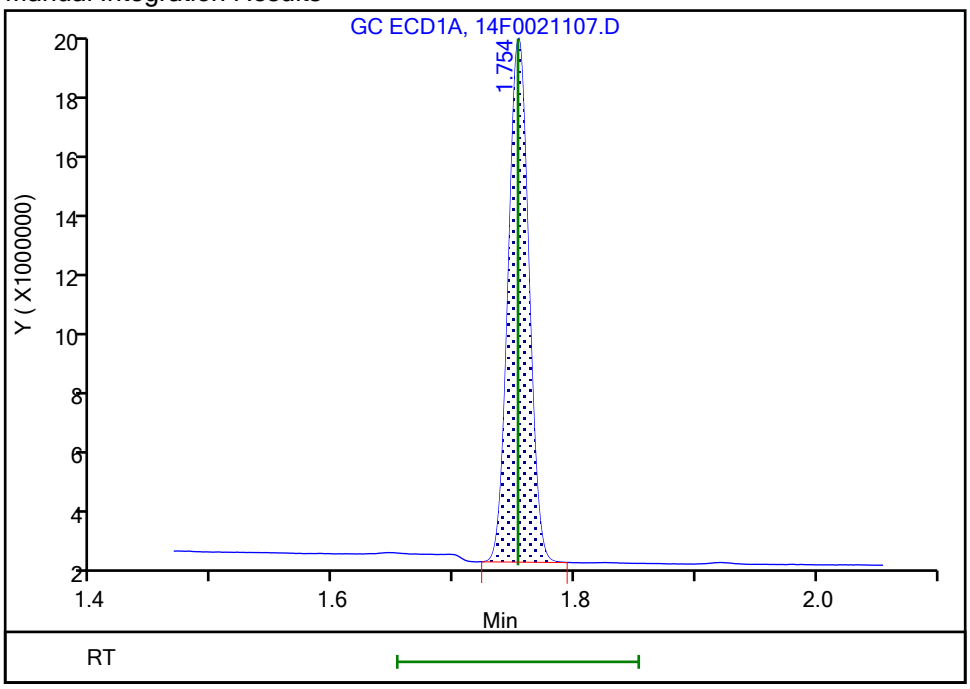
Processing Integration Results

RT: 1.75
Area: 20190931
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.75
Area: 20166195
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 03-Mar-2022 09:53:23
Audit Action: Manually Integrated Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

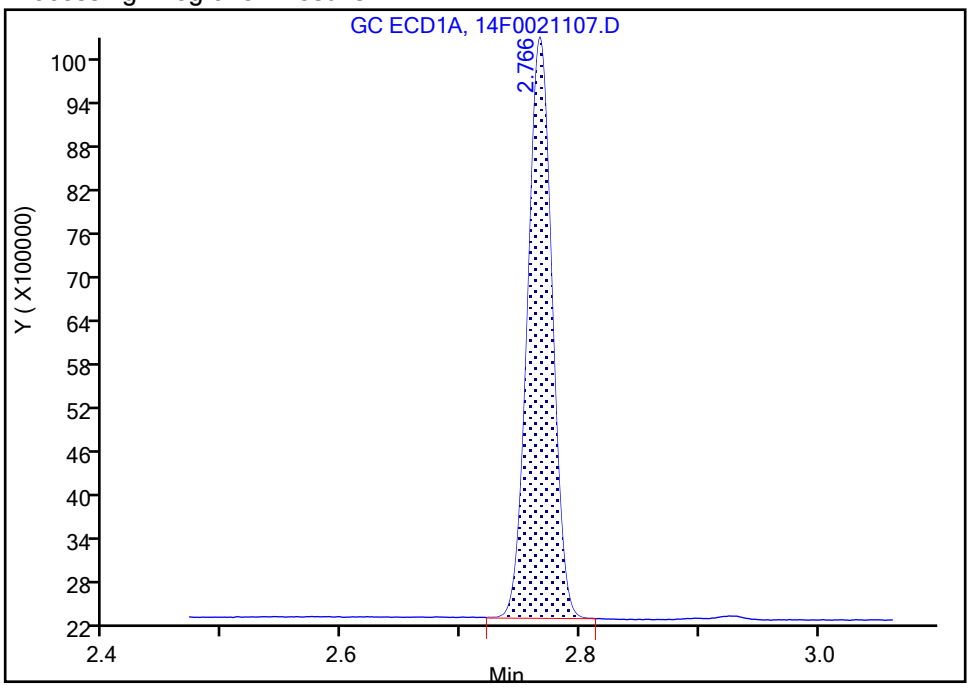
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021107.D
Injection Date: 02-Mar-2022 18:50:09 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

$ 2 Tetrachloro-m-xylene, CAS: 877-09-8

Signal: 1

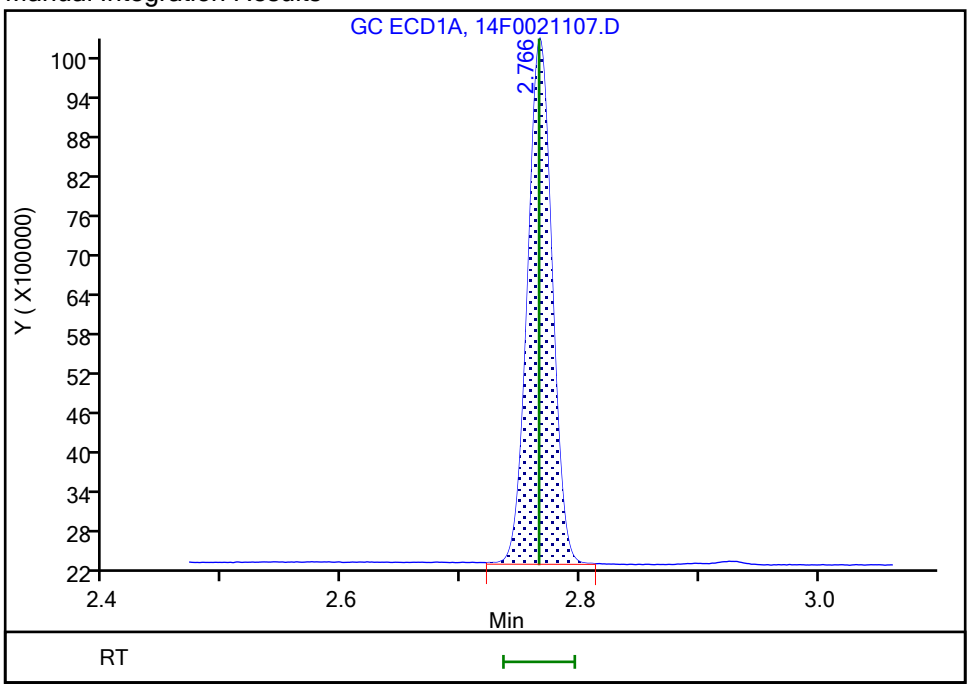
Processing Integration Results

RT: 2.77
Area: 11357703
Amount: 9.959505
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 11429327
Amount: 10.012250
Amount Units: ug/l



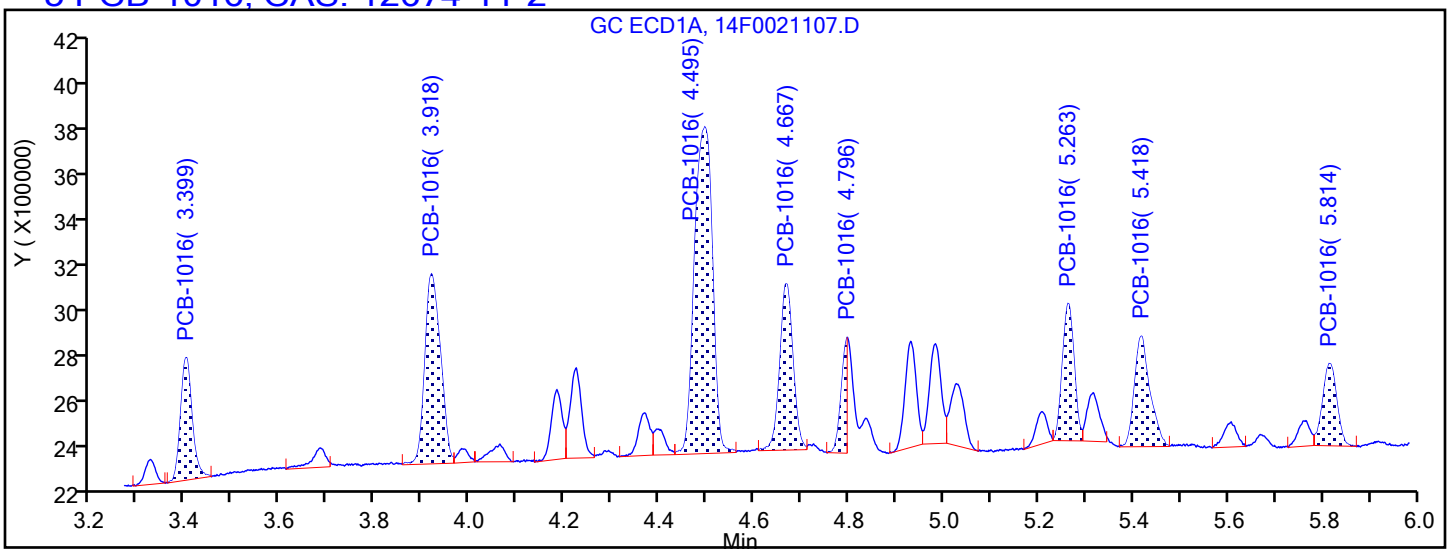
Reviewer: patelji, 03-Mar-2022 10:34:22
Audit Action: Assigned New Baseline Audit Reason: Sample matrix interference

Report Date: 03-Mar-2022 11:14:02 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

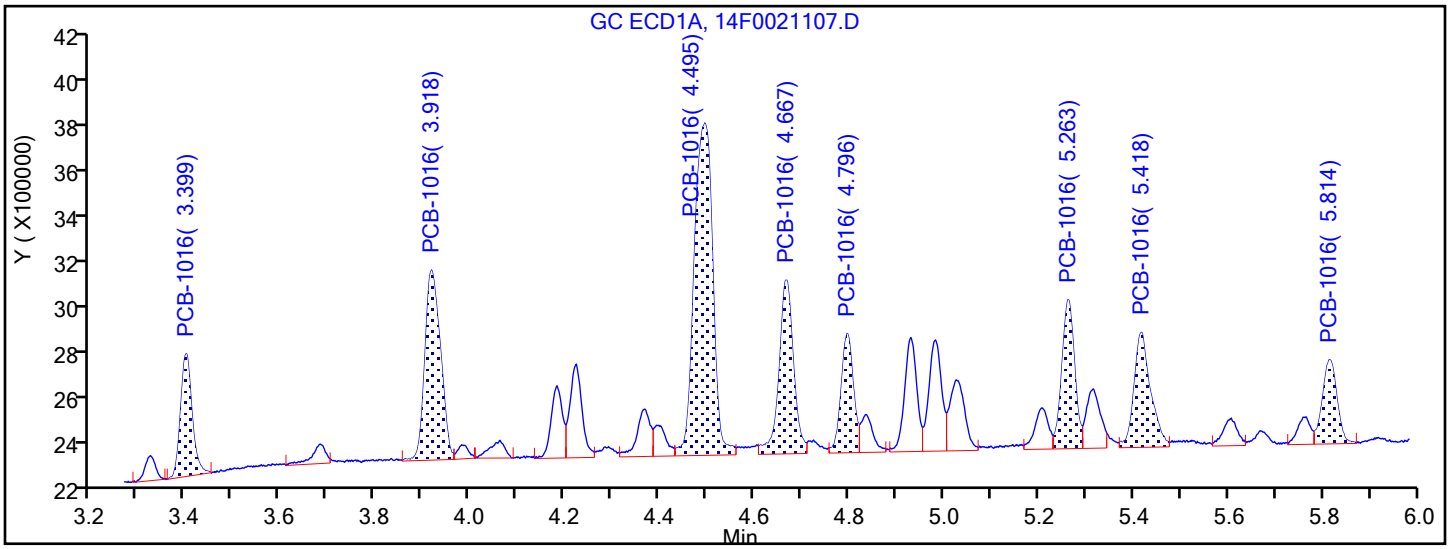
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021107.D
Injection Date: 02-Mar-2022 18:50:09 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

3.399	Response = 879354
3.918	Response = 1842615
4.495	Response = 3652483
4.667	Response = 1367511
4.796	Response = 414539
5.263	Response = 1004507
5.418	Response = 1063031
5.814	Response = 729155



Manual Integration Results

3.399	Response = 879354	
3.918	Response = 1842615	
4.495	Response = 3836150	M
4.667	Response = 1564698	M
4.796	Response = 917007	M
5.263	Response = 1192017	M

Report Date: 03-Mar-2022 11:14:03 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021107.D

Injection Date: 02-Mar-2022 18:50:09 Instrument ID: CPESTGC14

Lims ID: IC PCB

Client ID:

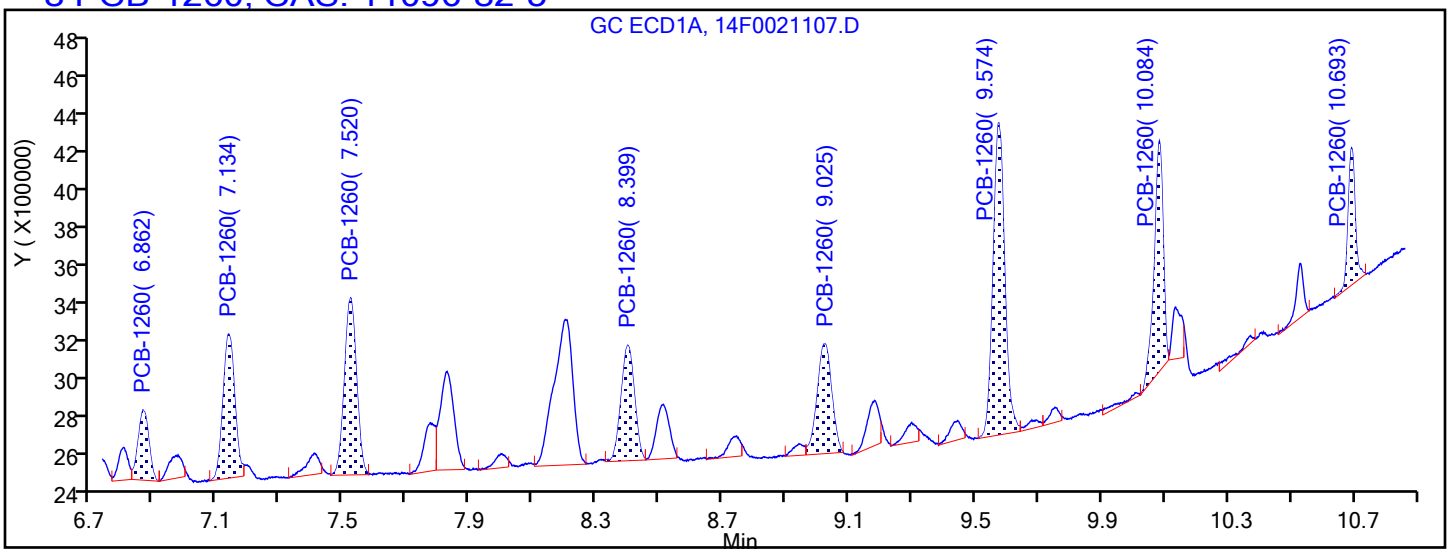
Operator ID: ALS Bottle#: 6 Worklist Smp#: 3

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

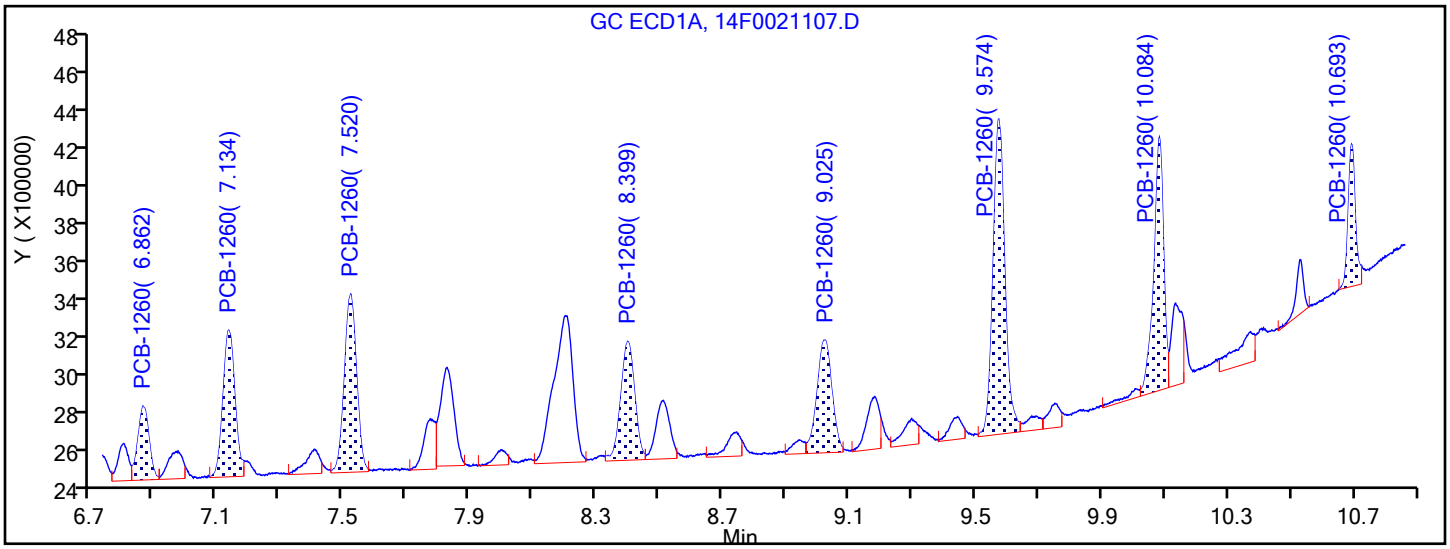
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

6.862	Response = 838400
7.134	Response = 1876308
7.520	Response = 2357569
8.399	Response = 1713725
9.025	Response = 1769203
9.574	Response = 4002855
10.084	Response = 2258365
10.693	Response = 1050062



Manual Integration Results

6.862	Response = 933786	M
7.134	Response = 1956687	M
7.520	Response = 2404945	M
8.399	Response = 1845608	M
9.025	Response = 1880371	M
9.574	Response = 4135331	M

Manual Integration/User Assign Peak Report

Eurofins Edison

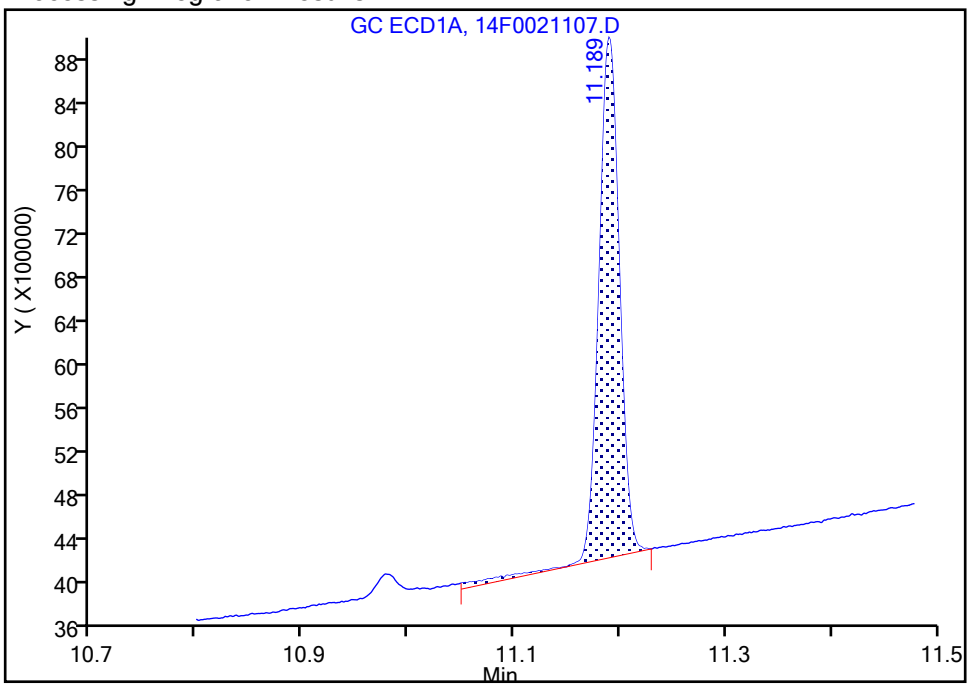
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021107.D
Injection Date: 02-Mar-2022 18:50:09 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

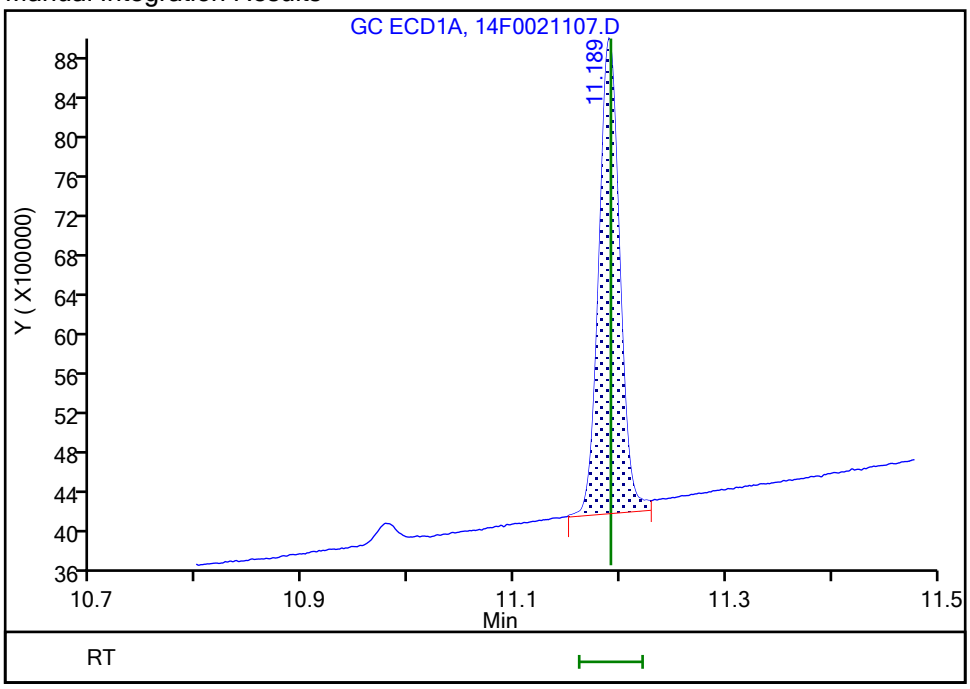
Processing Integration Results

RT: 11.19
Area: 6452161
Amount: 10.325652
Amount Units: ug/l



Manual Integration Results

RT: 11.19
Area: 6531875
Amount: 10.563671
Amount Units: ug/l



Reviewer: patelji, 03-Mar-2022 09:54:47
Audit Action: Manually Integrated Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021108.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 02-Mar-2022 19:06:45 ALS Bottle#: 7 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:06 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 09:56:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.755	1.753	0.002	19568447	20.0	20.0	
2	1.544	1.542	0.002	30477473	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.767	2.765	0.002	56535704	50.0	51.0	
2	2.252	2.250	0.002	94642862	50.0	51.5	
						RPD = 0.86	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.400	3.399	0.001	9433967	500.0	521.3	
1	3.919	3.917	0.002	19653806	500.0	513.4	M
1	4.497	4.495	0.002	40802859	500.0	505.8	M
1	4.668	4.667	0.001	15589632	500.0	501.4	M
1	4.796	4.795	0.001	9775194	500.0	507.8	M
1	5.264	5.262	0.002	12596609	500.0	510.1	M
1	5.418	5.416	0.002	12323822	500.0	509.4	M
1	5.817	5.814	0.003	8263637	500.0	511.7	M
		Average of Peak Amounts =				510.1	
2	2.655	2.653	0.002	16849755	500.0	512.6	
2	3.051	3.049	0.002	34855732	500.0	519.4	
2	3.280	3.278	0.002	22831250	500.0	517.1	M
2	3.584	3.583	0.001	75633579	500.0	513.7	
2	3.738	3.736	0.002	30186477	500.0	517.3	
2	3.809	3.807	0.002	17796032	500.0	514.3	
2	4.219	4.218	0.001	29106157	500.0	509.8	
2	4.670	4.668	0.002	12080138	500.0	519.0	
		Average of Peak Amounts =				515.4	
						RPD = 1.03	
8 PCB-1260							M
1	6.865	6.863	0.002	10419994	500.0	514.1	M
1	7.135	7.134	0.001	23886939	500.0	521.9	M
1	7.519	7.518	0.001	26389407	500.0	509.7	M
1	8.397	8.395	0.002	20432617	500.0	510.1	M
1	9.023	9.020	0.003	20883867	500.0	506.4	M
1	9.574	9.572	0.002	45306010	500.0	498.4	M
1	10.082	10.082	0.000	29504318	500.0	496.3	M
1	10.691	10.693	-0.002	11762786	500.0	495.7	
		Average of Peak Amounts =				506.6	
2	5.684	5.681	0.003	38423042	500.0	512.6	
2	6.451	6.450	0.001	66765554	500.0	511.2	M
2	6.633	6.631	0.002	36831933	500.0	511.0	M
2	7.020	7.018	0.002	40478332	500.0	512.2	M
2	7.566	7.564	0.002	92098797	500.0	509.8	M
2	8.084	8.081	0.003	46400268	500.0	510.6	M
2	8.252	8.249	0.003	27592177	500.0	514.0	M
2	9.410	9.408	0.002	26664360	500.0	500.0	M
		Average of Peak Amounts =				510.2	
						RPD = 0.70	
$ 11 DCB Decachlorobiphenyl							M
1	11.188	11.191	-0.003	30115697	50.0	50.2	M
2	10.105	10.104	0.001	70588932	50.0	51.5	M
						RPD = 2.51	
S 12 Polychlorinated biphenyls, Total							
1						1016.7	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1660L2_00034	Amount Added: 1.00	Units: mL	
SGPCBISTD_00024	Amount Added: 20.00	Units: uL	Run Reagent

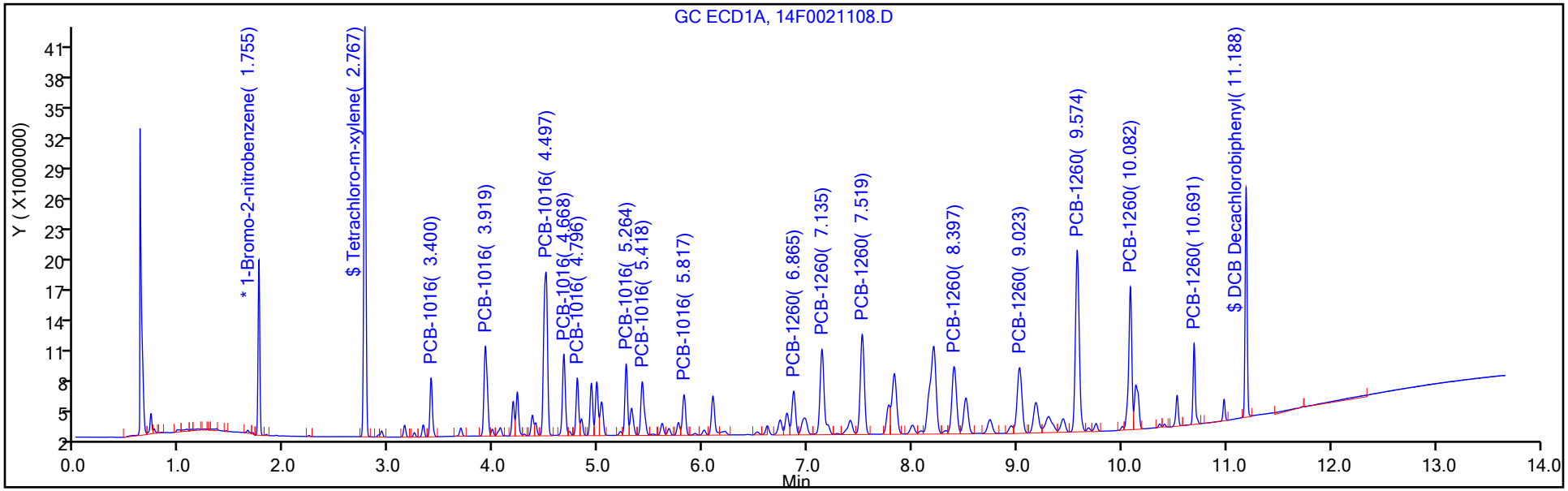
Report Date: 03-Mar-2022 11:14:06 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

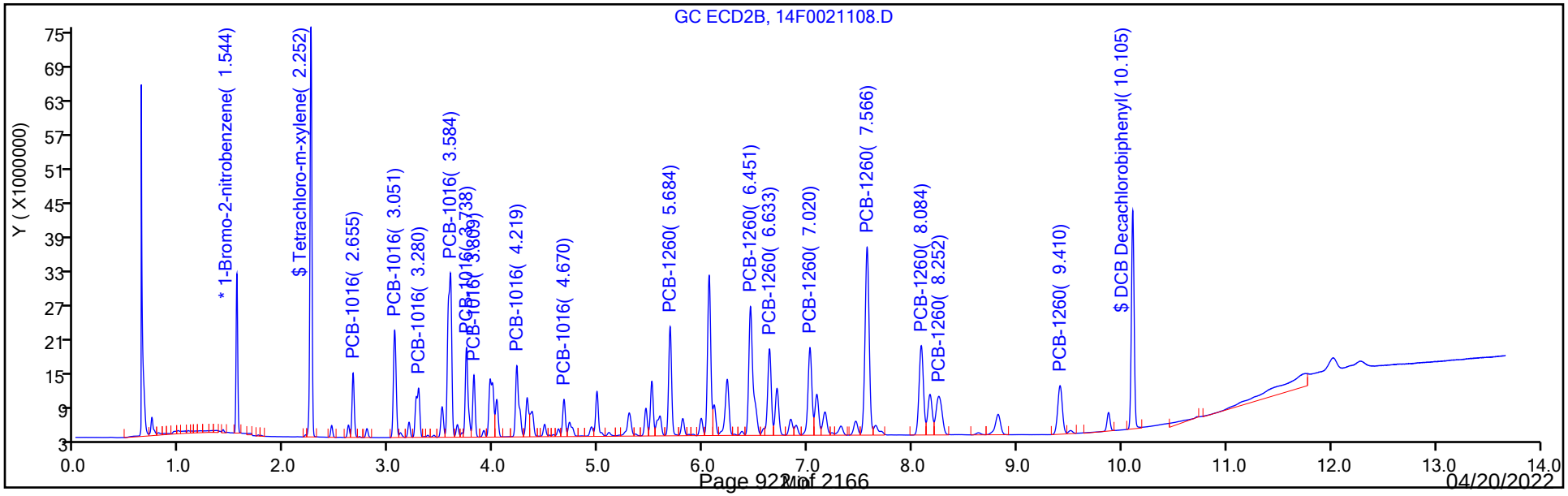
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021108.D

Injection Date:	02-Mar-2022 19:06:45	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)

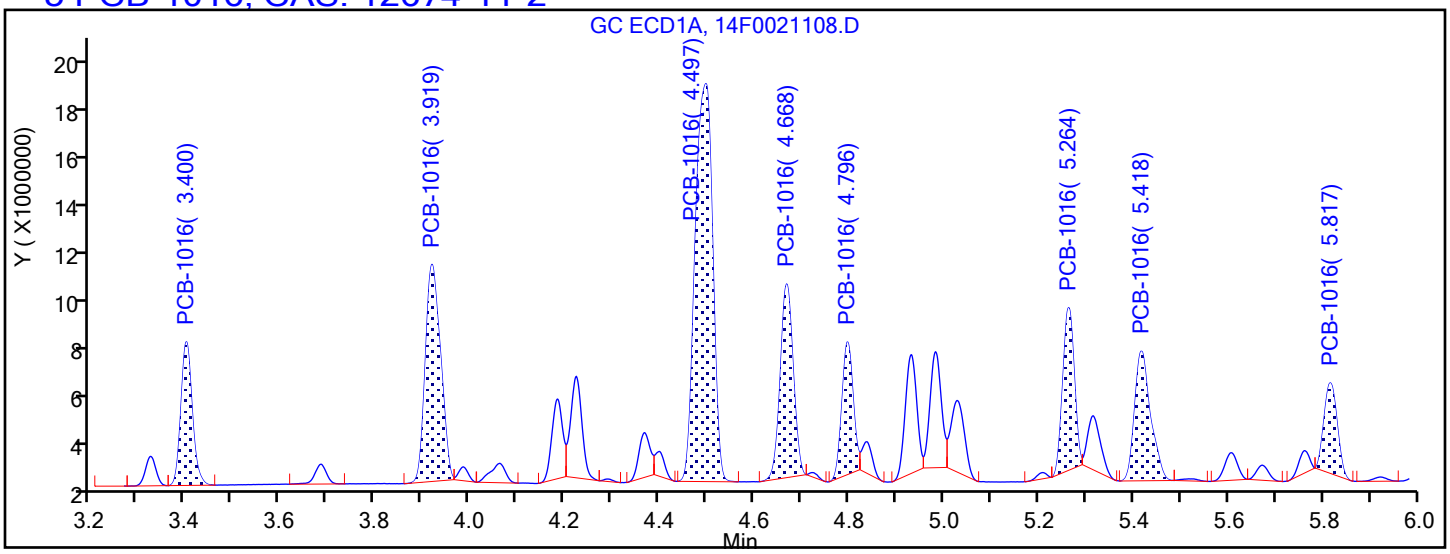


Report Date: 03-Mar-2022 11:14:06 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

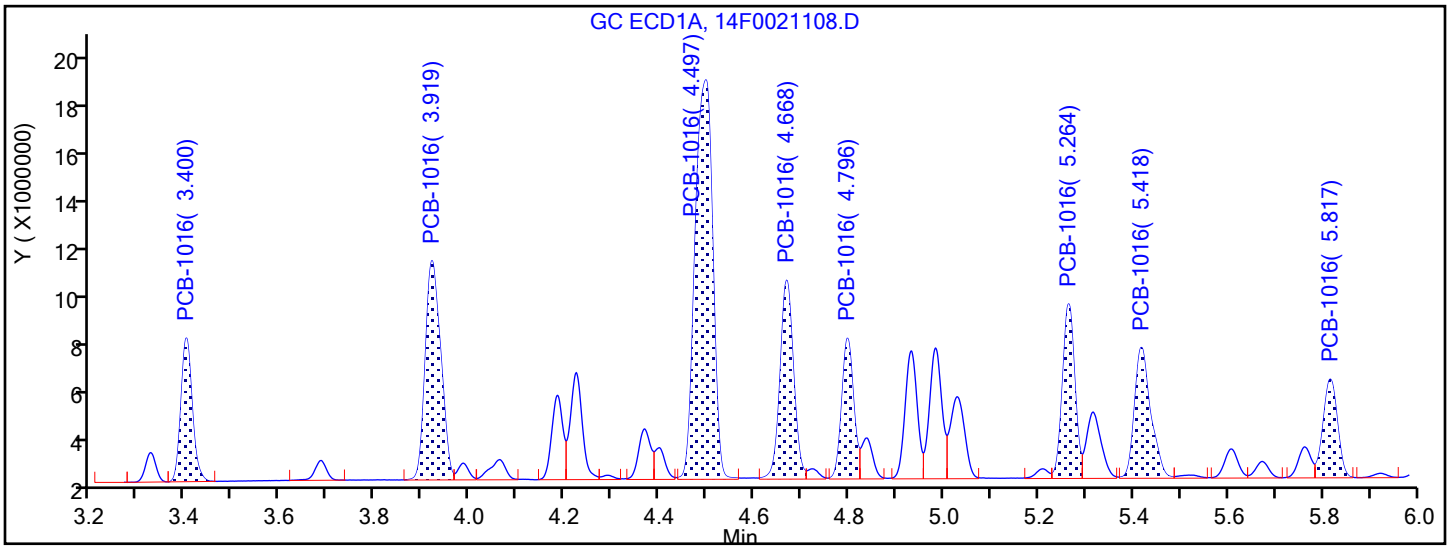
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021108.D
Injection Date: 02-Mar-2022 19:06:45 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

3.400	Response = 9433967
3.919	Response = 19147937
4.497	Response = 40358788
4.668	Response = 14487044
4.796	Response = 8696896
5.264	Response = 10868178
5.418	Response = 11970099
5.817	Response = 6945082



Manual Integration Results

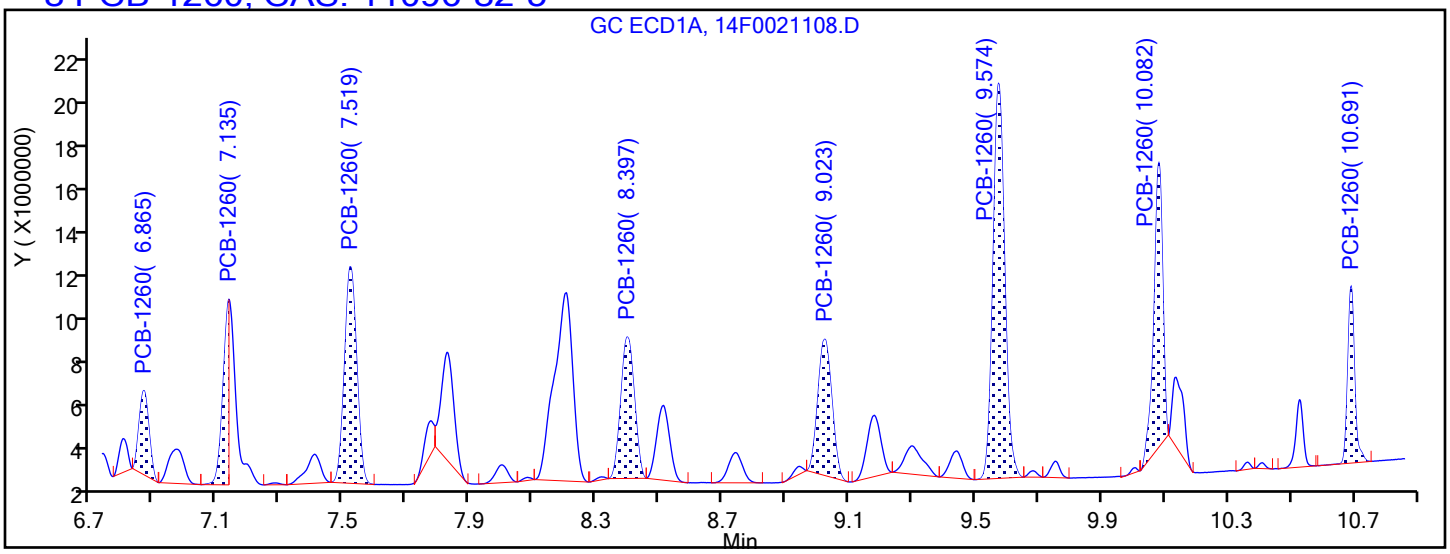
3.400	Response = 9433967	
3.919	Response = 19653806	M
4.497	Response = 40802859	M
4.668	Response = 15589632	M
4.796	Response = 9775194	M
5.264	Response = 12596609	M

Report Date: 03-Mar-2022 11:14:06 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

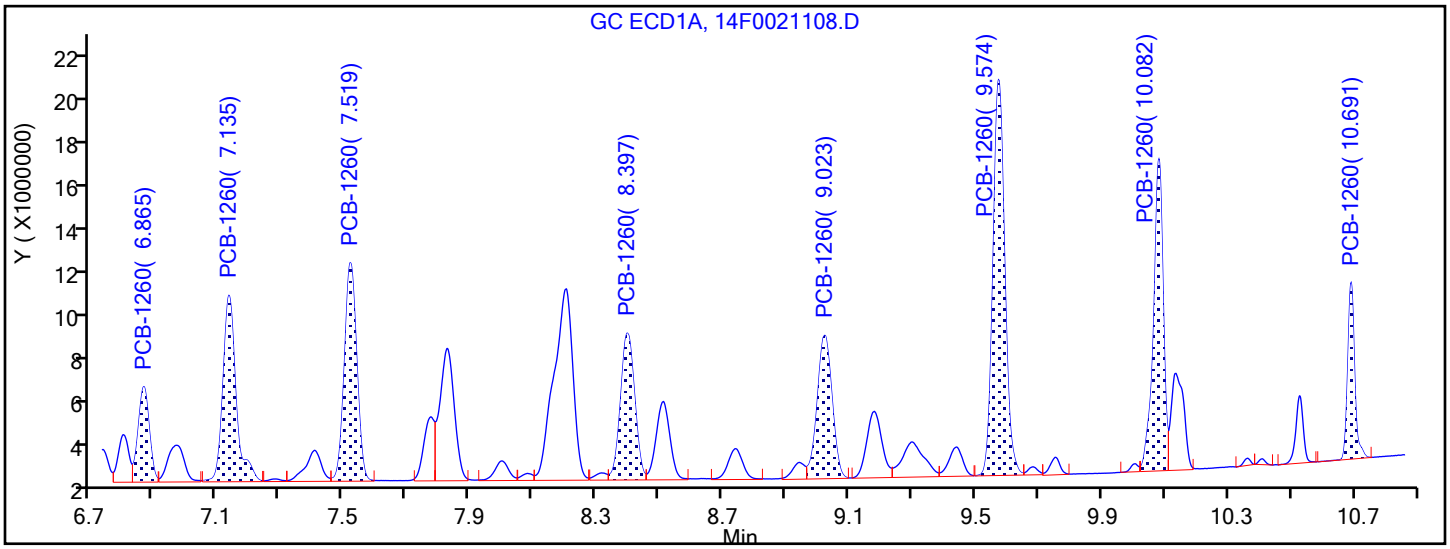
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021108.D
Injection Date: 02-Mar-2022 19:06:45 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

6.865	Response = 8115720
7.135	Response = 10437468
7.519	Response = 25752509
8.397	Response = 18667753
9.023	Response = 18617524
9.574	Response = 44857168
10.082	Response = 24277275
10.691	Response = 11762786



Manual Integration Results

6.865	Response = 10419994	M
7.135	Response = 23886939	M
7.519	Response = 26389407	M
8.397	Response = 20432617	M
9.023	Response = 20883867	M
9.574	Response = 45306010	M

Manual Integration/User Assign Peak Report

Eurofins Edison

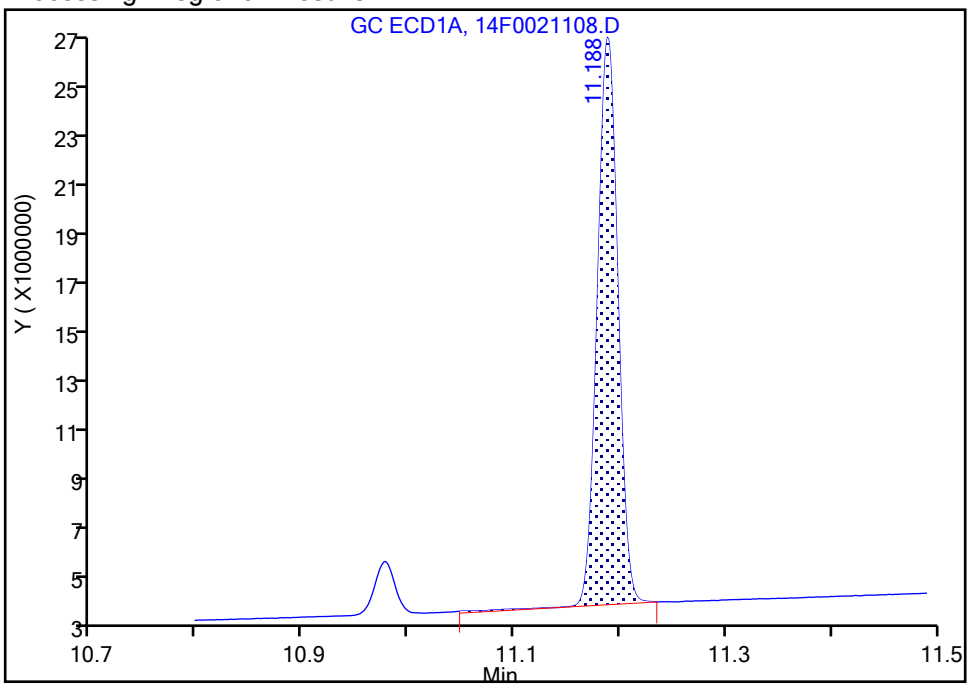
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021108.D
Injection Date: 02-Mar-2022 19:06:45 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

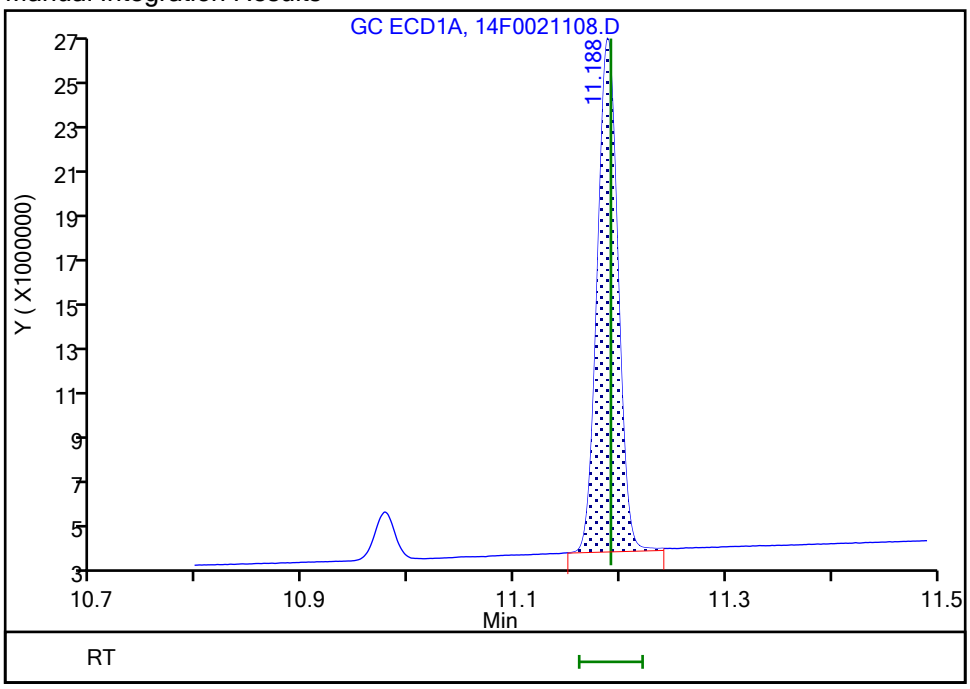
Processing Integration Results

RT: 11.19
Area: 30079050
Amount: 49.506071
Amount Units: ug/l



Manual Integration Results

RT: 11.19
Area: 30115697
Amount: 50.192348
Amount Units: ug/l



Reviewer: patelji, 03-Mar-2022 09:56:03
Audit Action: Manually Integrated Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021110.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 02-Mar-2022 19:39:54 ALS Bottle#: 9 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:10 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 09:56:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.753	1.753	0.000	18431810	20.0	20.0	
2	1.543	1.542	0.001	29377952	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.767	2.765	0.002	215153659	200.0	206.2	
2	2.252	2.250	0.002	369258444	200.0	208.4	
						RPD = 1.04	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.399	3.399	0.000	41684450	2500.0	2445.6	
1	3.918	3.917	0.001	87362296	2500.0	2422.9	
1	4.496	4.495	0.001	186160388	2500.0	2449.9	M
1	4.667	4.667	0.000	69942781	2500.0	2388.2	M
1	4.795	4.795	0.000	44507512	2500.0	2454.5	M
1	5.263	5.262	0.001	56338411	2500.0	2422.3	M
1	5.416	5.416	0.000	55255893	2500.0	2424.7	M
1	5.815	5.814	0.001	36845942	2500.0	2422.4	M
		Average of Peak Amounts =				2428.8	
2	2.654	2.653	0.001	73946586	2500.0	2334.0	
2	3.051	3.049	0.002	154861568	2500.0	2394.2	M
2	3.280	3.278	0.002	102922466	2500.0	2418.3	M
2	3.585	3.583	0.002	353320075	2500.0	2489.8	M
2	3.738	3.736	0.002	137899856	2500.0	2451.5	M
2	3.809	3.807	0.002	83010326	2500.0	2488.7	M
2	4.219	4.218	0.001	129587372	2500.0	2354.8	M
2	4.670	4.668	0.002	52808719	2500.0	2353.8	M
		Average of Peak Amounts =				2410.6	
						RPD = 0.75	
8 PCB-1260							M
1	6.863	6.863	0.000	47001674	2500.0	2461.9	M
1	7.134	7.134	0.000	107713783	2500.0	2498.7	M
1	7.520	7.518	0.002	119132050	2500.0	2442.9	M
1	8.399	8.395	0.004	92154795	2500.0	2442.7	M
1	9.022	9.020	0.002	95648062	2500.0	2462.3	M
1	9.575	9.572	0.003	213142479	2500.0	2489.5	M
1	10.082	10.082	0.000	138774586	2500.0	2478.1	
1	10.688	10.693	-0.005	55087921	2500.0	2464.8	M
		Average of Peak Amounts =				2467.6	
2	5.683	5.681	0.002	176346028	2500.0	2440.5	M
2	6.452	6.450	0.002	312781226	2500.0	2484.4	M
2	6.633	6.631	0.002	170613079	2500.0	2455.7	M
2	7.019	7.018	0.001	187597182	2500.0	2462.5	M
2	7.566	7.564	0.002	435818899	2500.0	2502.9	M
2	8.083	8.081	0.002	217307187	2500.0	2481.0	M
2	8.252	8.249	0.003	126961128	2500.0	2453.5	M
2	9.409	9.408	0.001	124459978	2500.0	2421.0	M
		Average of Peak Amounts =				2462.7	
						RPD = 0.20	
$ 11 DCB Decachlorobiphenyl							M
1	11.183	11.191	-0.008	117291363	200.0	207.5	
2	10.104	10.104	0.000	273937942	200.0	207.2	M
						RPD = 0.16	
S 12 Polychlorinated biphenyls, Total							
1						4896.4	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1660L5_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

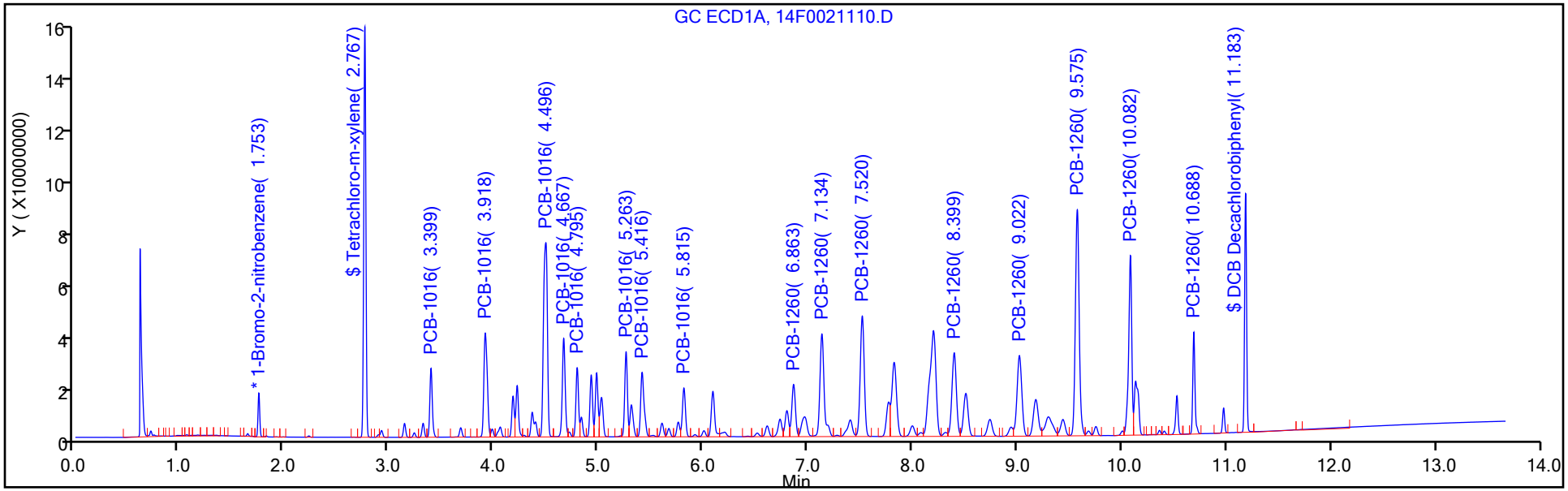
Report Date: 03-Mar-2022 11:14:10 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

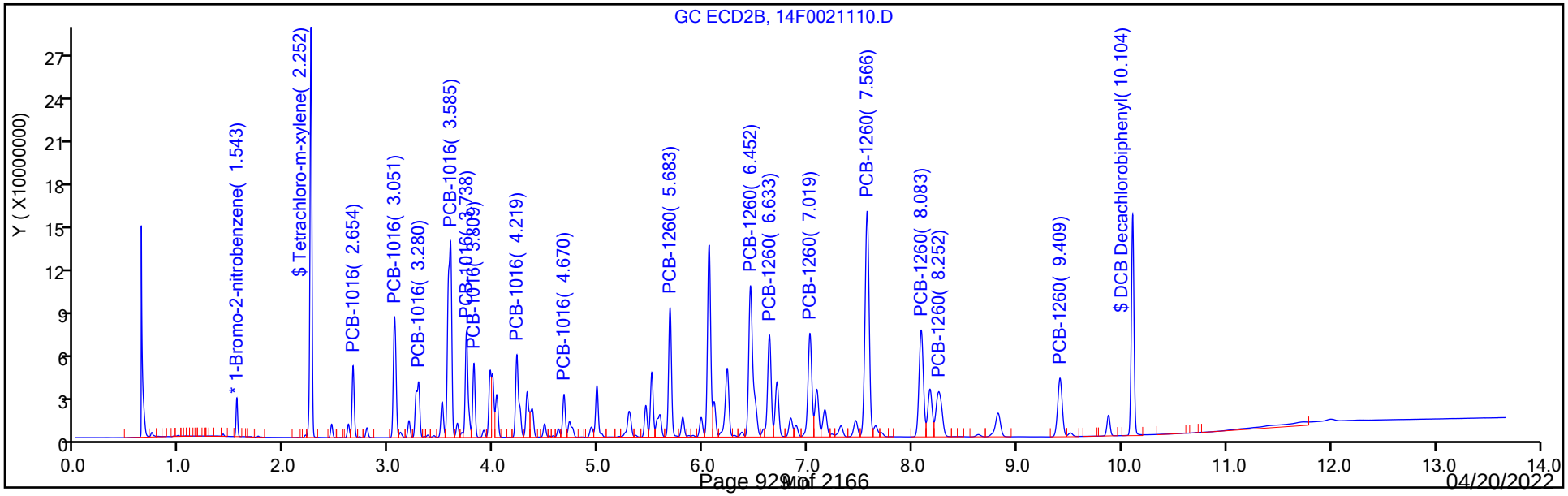
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021110.D

Injection Date:	02-Mar-2022 19:39:54	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)

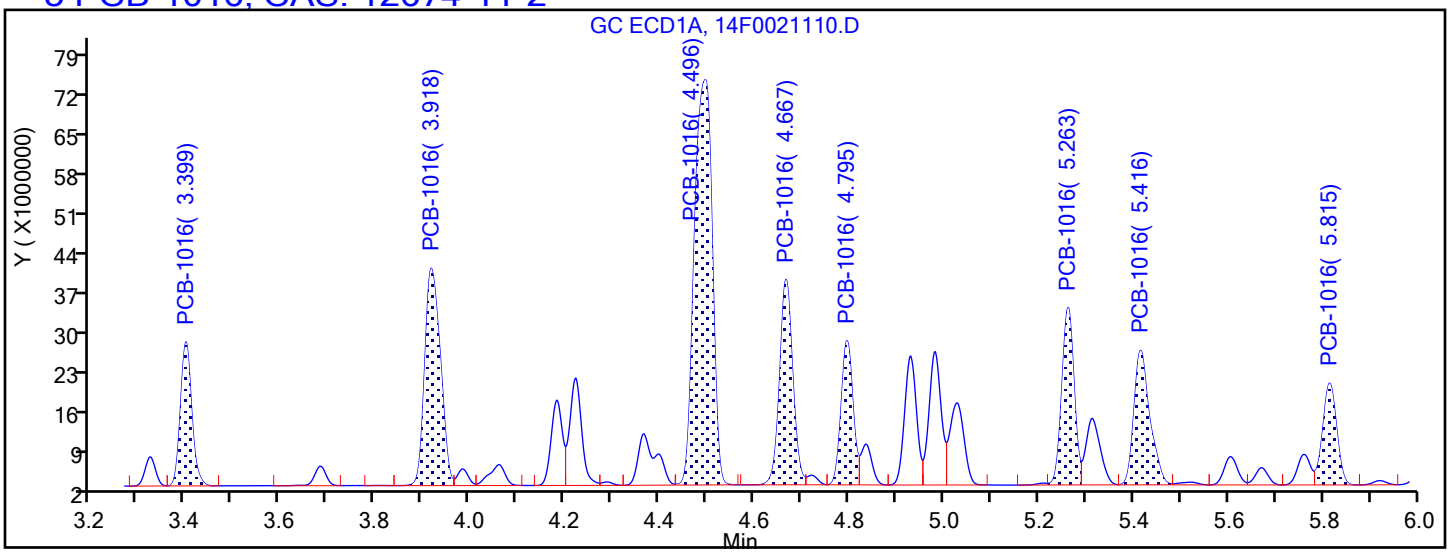


Report Date: 03-Mar-2022 11:14:10 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

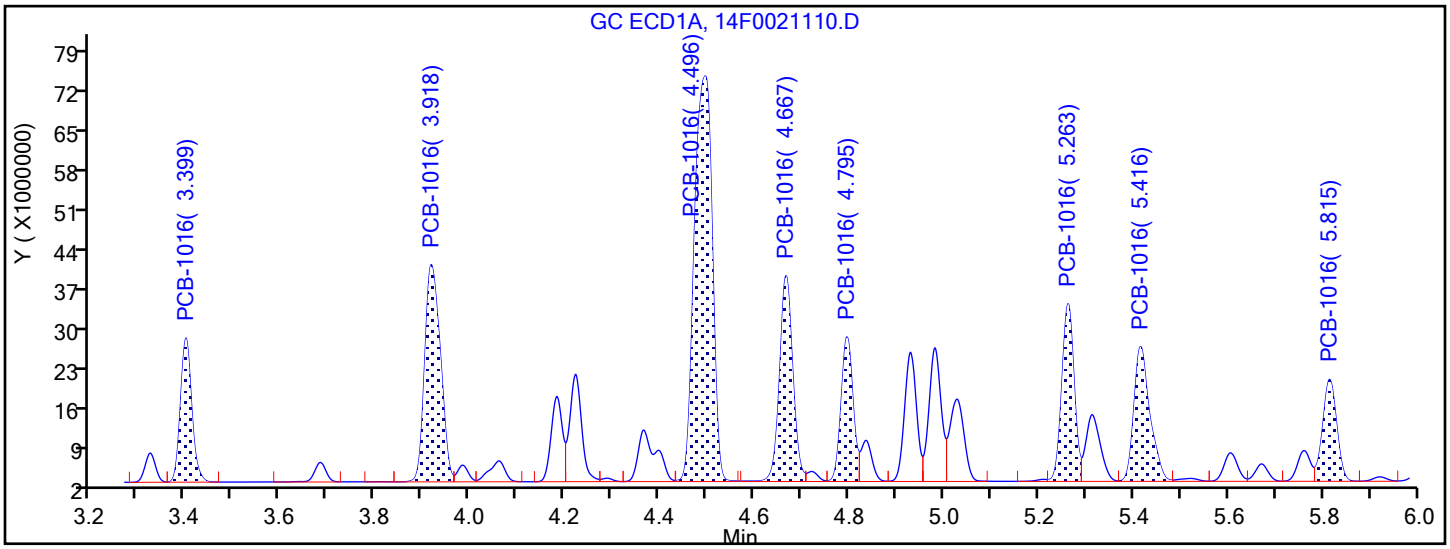
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021110.D
Injection Date: 02-Mar-2022 19:39:54 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

3.399	Response = 41684450
3.918	Response = 87362296
4.496	Response = 185680771
4.667	Response = 69305968
4.795	Response = 44225930
5.263	Response = 56173746
5.416	Response = 54960072
5.815	Response = 36764038



Manual Integration Results

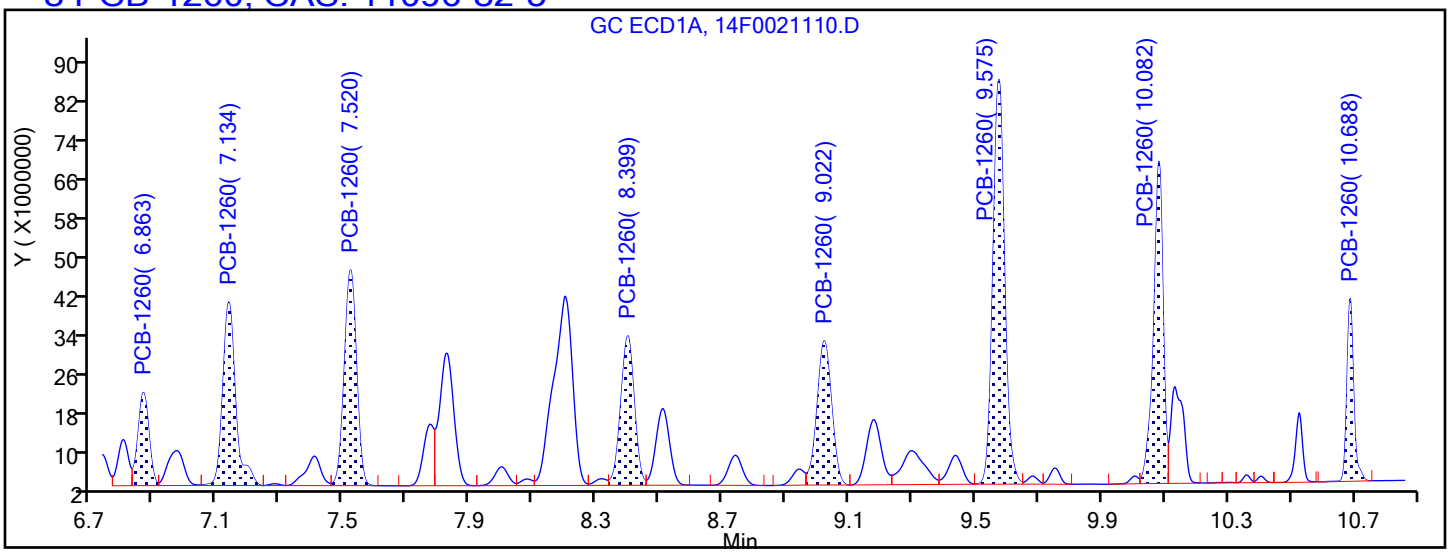
3.399	Response = 41684450	
3.918	Response = 87362296	
4.496	Response = 186160388	M
4.667	Response = 69942781	M
4.795	Response = 44507512	M
5.263	Response = 56338411	M

Report Date: 03-Mar-2022 11:14:11 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

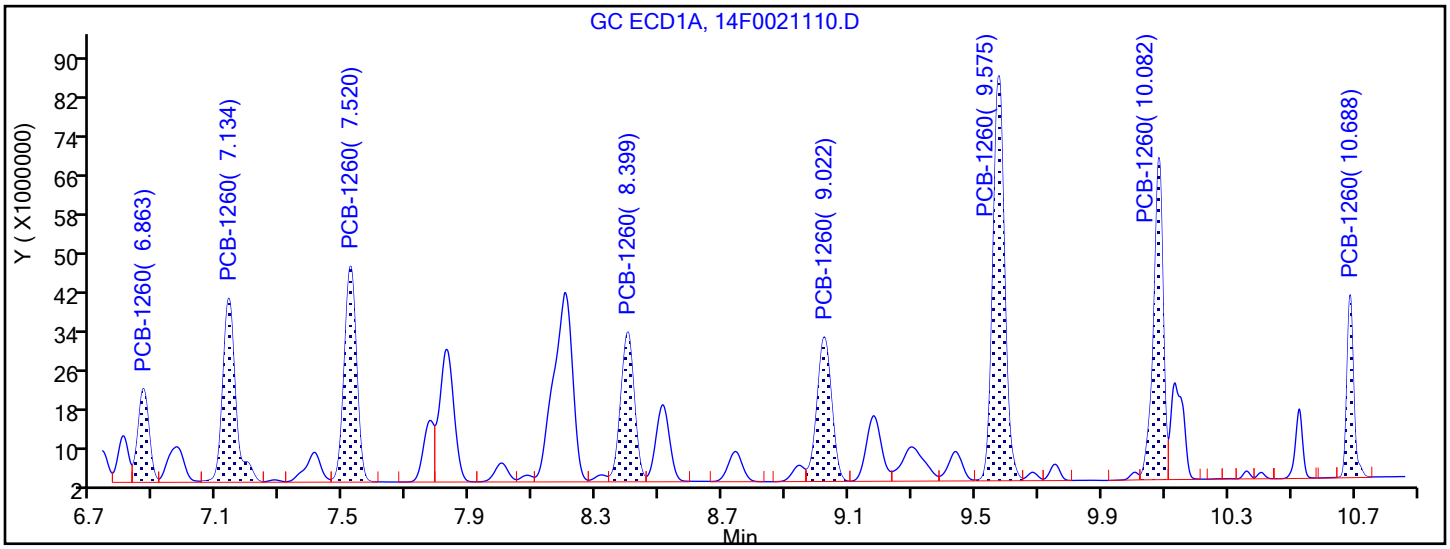
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021110.D
Injection Date: 02-Mar-2022 19:39:54 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

6.863	Response = 46487657
7.134	Response = 106417441
7.520	Response = 118636275
8.399	Response = 91652575
9.022	Response = 95230516
9.575	Response = 212287448
10.082	Response = 138774586
10.688	Response = 54977381



Manual Integration Results

6.863	Response = 47001674	M
7.134	Response = 107713783	M
7.520	Response = 119132050	M
8.399	Response = 92154795	M
9.022	Response = 95648062	M
9.575	Response = 213142479	M

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 03-Mar-2022 10:07:21 ALS Bottle#: 2 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: PCB
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:36 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:23:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.749	1.754	-0.005	20765467	20.0	20.0	M
2	1.539	1.543	-0.004	35530340	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.761	2.765	-0.004	198959608	150.0	169.3	
2	2.246	2.250	-0.004	353625172	150.0	165.0	M
						RPD = 2.55	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.394	3.399	-0.005	30593627	1500.0	1593.2	
1	3.912	3.917	-0.005	66981947	1500.0	1648.9	
1	4.490	4.495	-0.005	143904240	1500.0	1681.0	
1	4.662	4.667	-0.005	53766969	1500.0	1629.5	
1	4.790	4.795	-0.005	34345423	1500.0	1681.2	
1	5.257	5.262	-0.005	43674178	1500.0	1666.7	
1	5.410	5.416	-0.006	42494310	1500.0	1655.1	
1	5.810	5.814	-0.004	28747096	1500.0	1677.6	
		Average of Peak Amounts =				1654.2	
2	2.648	2.653	-0.005	59653768	1500.0	1556.8	
2	3.044	3.049	-0.005	122995849	1500.0	1572.3	
2	3.273	3.278	-0.005	81435846	1500.0	1582.1	
2	3.578	3.583	-0.005	283199717	1500.0	1650.1	
2	3.730	3.736	-0.006	110417745	1500.0	1623.0	
2	3.802	3.807	-0.005	66692565	1500.0	1653.2	
2	4.212	4.218	-0.006	103486007	1500.0	1554.8	M
2	4.663	4.668	-0.005	42478557	1500.0	1565.5	M
		Average of Peak Amounts =				1594.7	
						RPD = 3.66	
8 PCB-1260							
1	6.855	6.863	-0.008	36277751	1500.0	1686.7	
1	7.127	7.134	-0.007	83007814	1500.0	1709.2	
1	7.510	7.518	-0.008	92813249	1500.0	1689.4	
1	8.389	8.395	-0.006	72059955	1500.0	1695.4	
1	9.013	9.020	-0.007	74452158	1500.0	1701.2	
1	9.566	9.572	-0.006	165300560	1500.0	1713.7	
1	10.074	10.082	-0.008	107702809	1500.0	1707.1	
1	10.682	10.693	-0.011	42752267	1500.0	1697.9	
		Average of Peak Amounts =				1700.1	
2	5.676	5.681	-0.005	141061107	1500.0	1614.1	
2	6.444	6.450	-0.006	251899267	1500.0	1654.4	
2	6.624	6.631	-0.007	137616582	1500.0	1637.8	
2	7.011	7.018	-0.007	150714567	1500.0	1635.8	
2	7.556	7.564	-0.008	350984548	1500.0	1666.6	
2	8.074	8.081	-0.007	175326812	1500.0	1655.1	
2	8.241	8.249	-0.008	101622840	1500.0	1623.8	
2	9.400	9.408	-0.008	99224422	1500.0	1595.9	
		Average of Peak Amounts =				1635.4	
						RPD = 3.88	
$ 11 DCB Decachlorobiphenyl							
1	11.174	11.191	-0.017	108753747	150.0	170.8	
2	10.097	10.104	-0.007	261216131	150.0	163.4	
						RPD = 4.45	
S 12 Polychlorinated biphenyls, Total							
1						3354.2	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1660L4_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

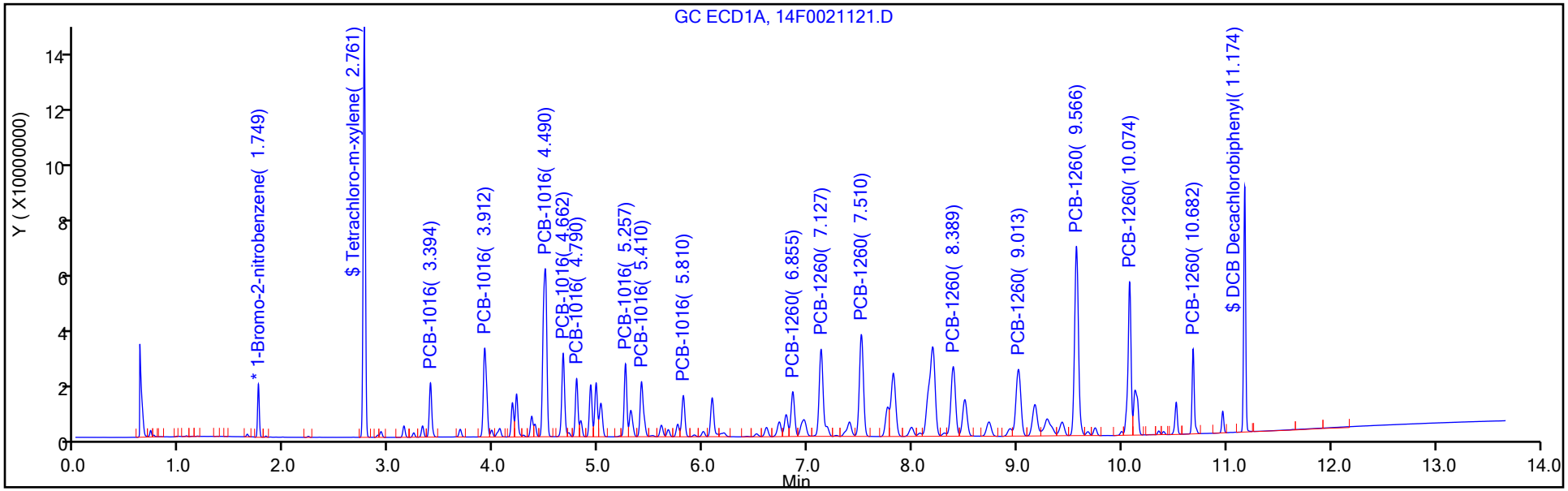
Report Date: 03-Mar-2022 11:14:36 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

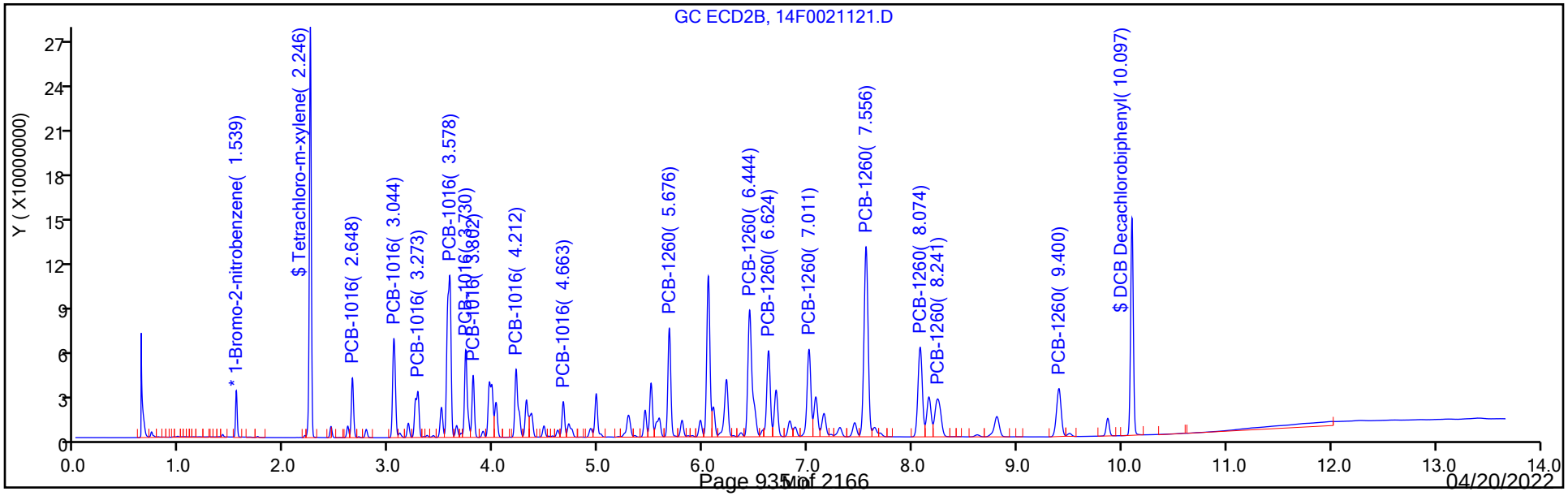
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Injection Date:	03-Mar-2022 10:07:21	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	17
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

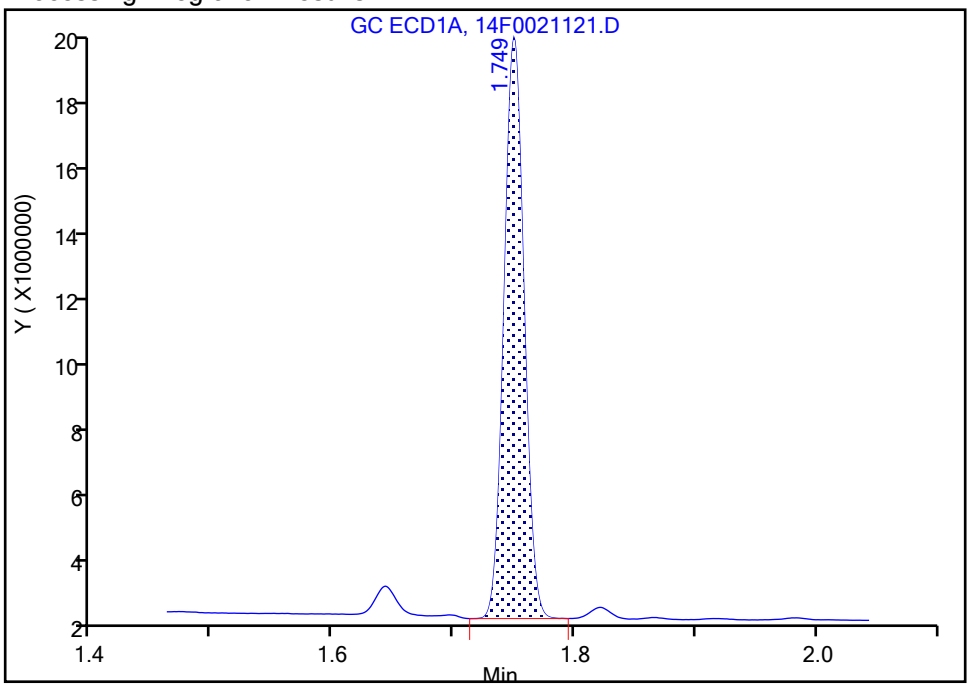
Data File:	\\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D				
Injection Date:	03-Mar-2022 10:07:21	Instrument ID:	CPESTGC14		
Lims ID:	IC PCB				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLPesticides (0.53 mm)	Detector	GC ECD1A		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 1

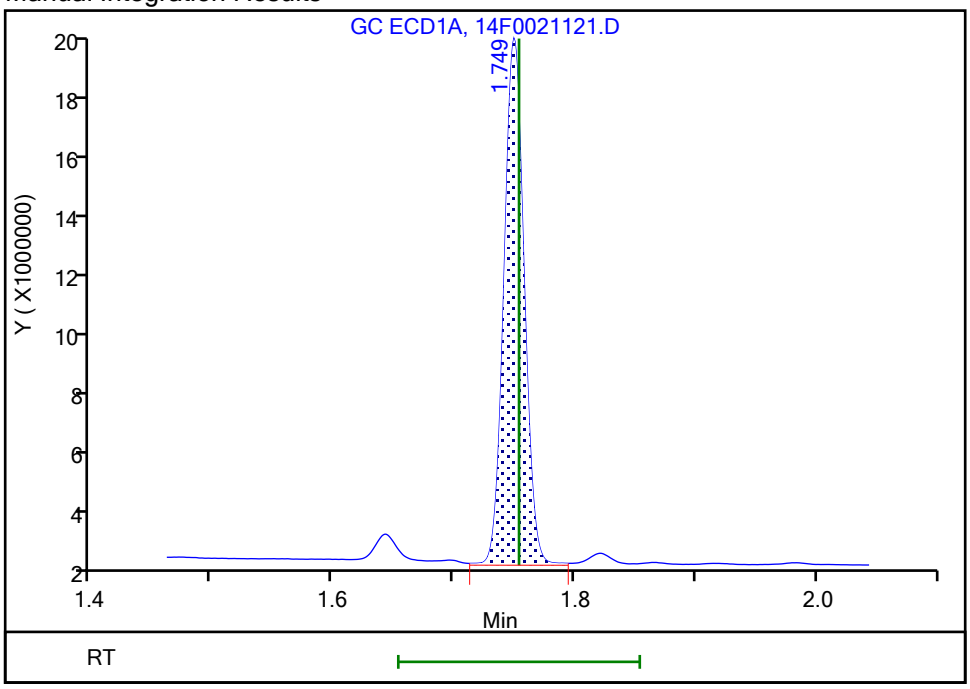
Processing Integration Results

RT: 1.75
Area: 20465425
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.75
Area: 20765467
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 03-Mar-2022 10:24:15

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Calibration / Tetrachloro-m-xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

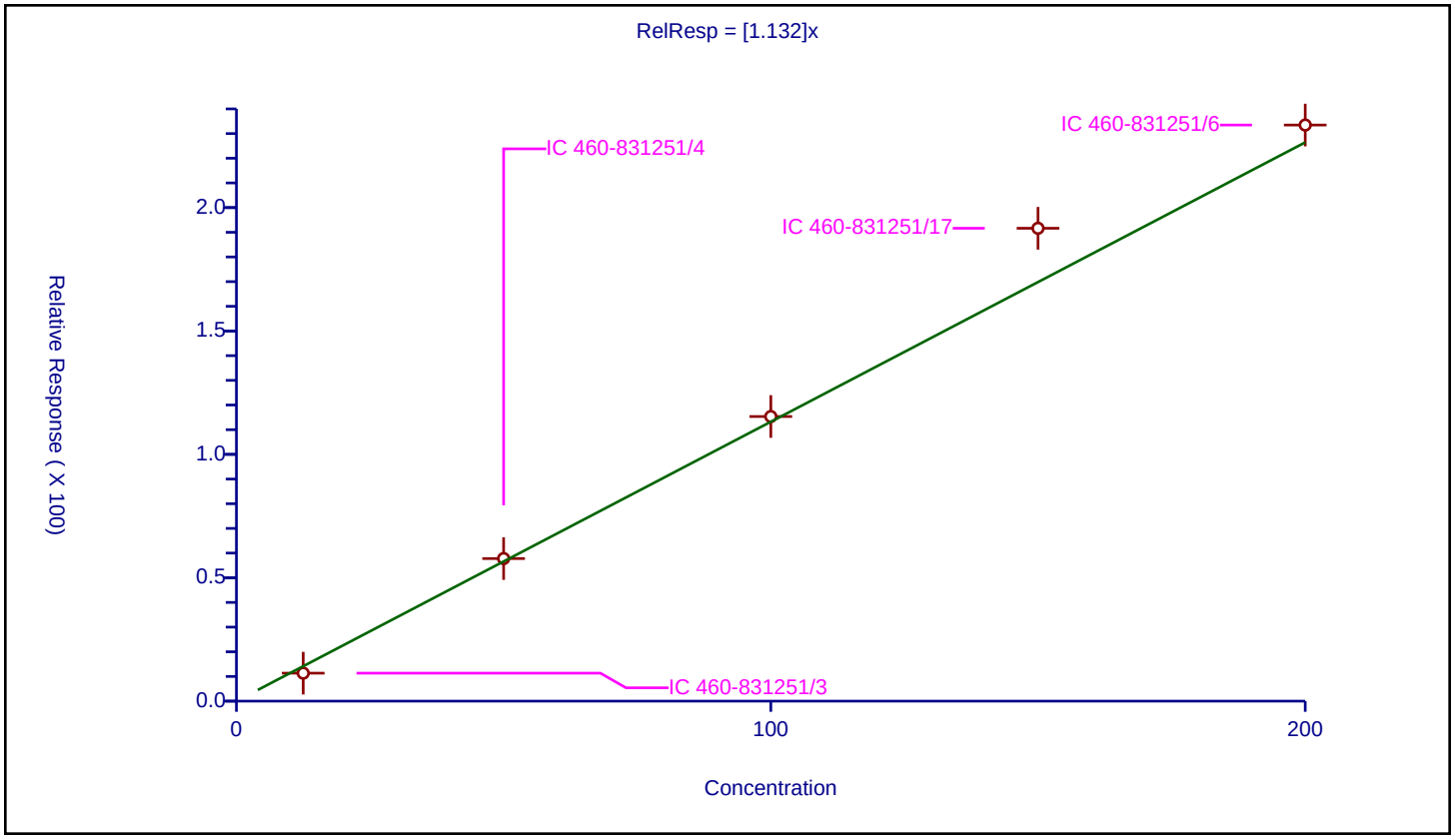
Curve Coefficients

Intercept:	0
Slope:	1.132

Error Coefficients

Standard Error:	161000000
Relative Standard Error:	12.0
Correlation Coefficient:	0.970
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	12.5	11.335135	20.0	20166195.0	0.906811	Y
2	IC 460-831251/4	50.0	57.782515	20.0	19568447.0	1.15565	Y
3	IC 460-831251/2	100.0	115.337346	20.0	21301061.0	1.153373	Y
4	IC 460-831251/17	150.0	191.62546	20.0	20765467.0	1.277503	Y
5	IC 460-831251/6	200.0	233.459068	20.0	18431810.0	1.167295	Y



Calibration / PCB-1016 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

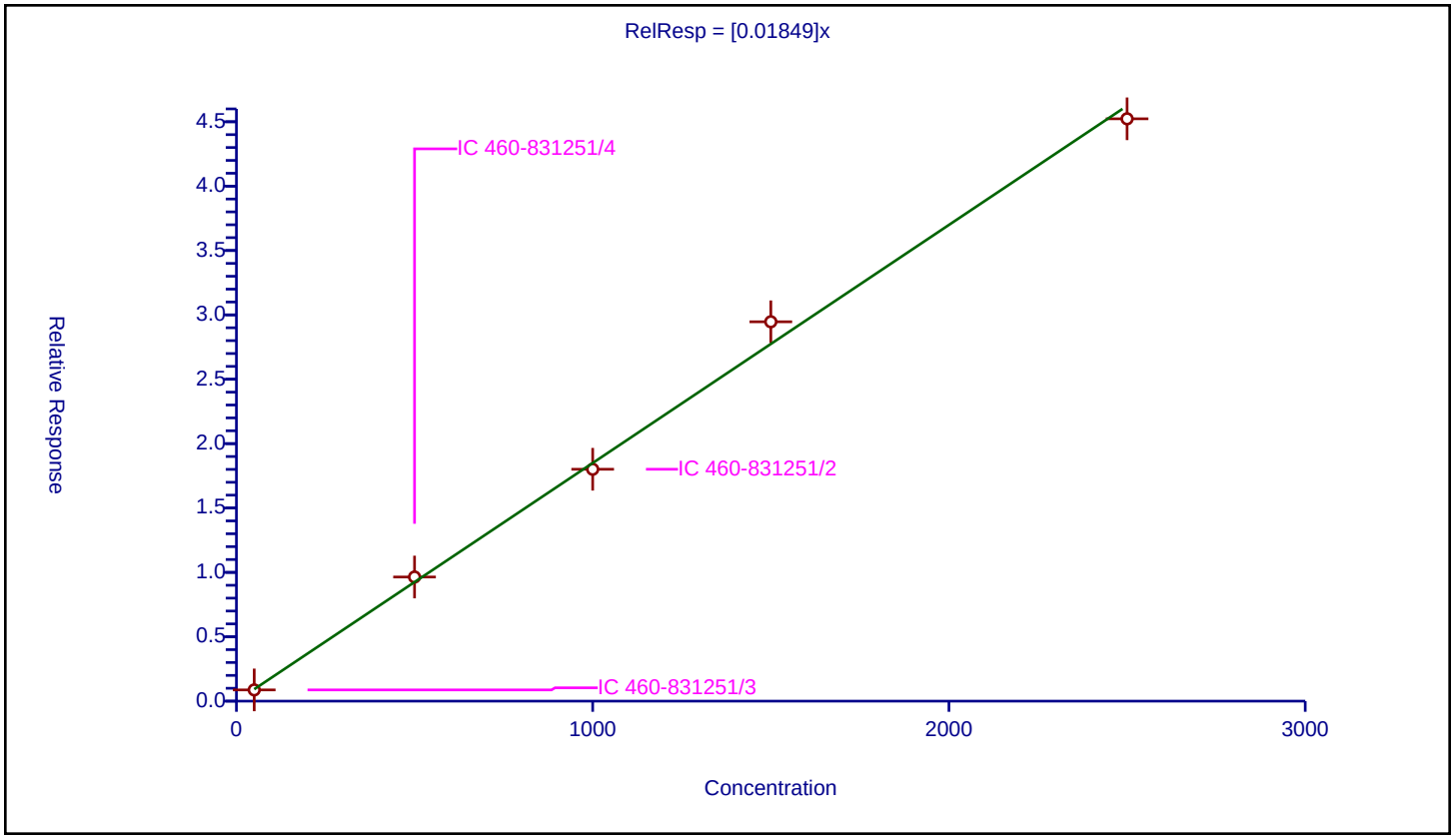
Curve Coefficients

Intercept:	0
Slope:	0.01849

Error Coefficients

Standard Error:	28000000
Relative Standard Error:	5.0
Correlation Coefficient:	0.980
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	0.872107	20.0	20166195.0	0.017442	Y
2	IC 460-831251/4	500.0	9.642019	20.0	19568447.0	0.019284	Y
3	IC 460-831251/2	1000.0	18.01094	20.0	21301061.0	0.018011	Y
4	IC 460-831251/17	1500.0	29.465869	20.0	20765467.0	0.019644	Y
5	IC 460-831251/6	2500.0	45.230989	20.0	18431810.0	0.018092	Y



Calibration / PCB-1016 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

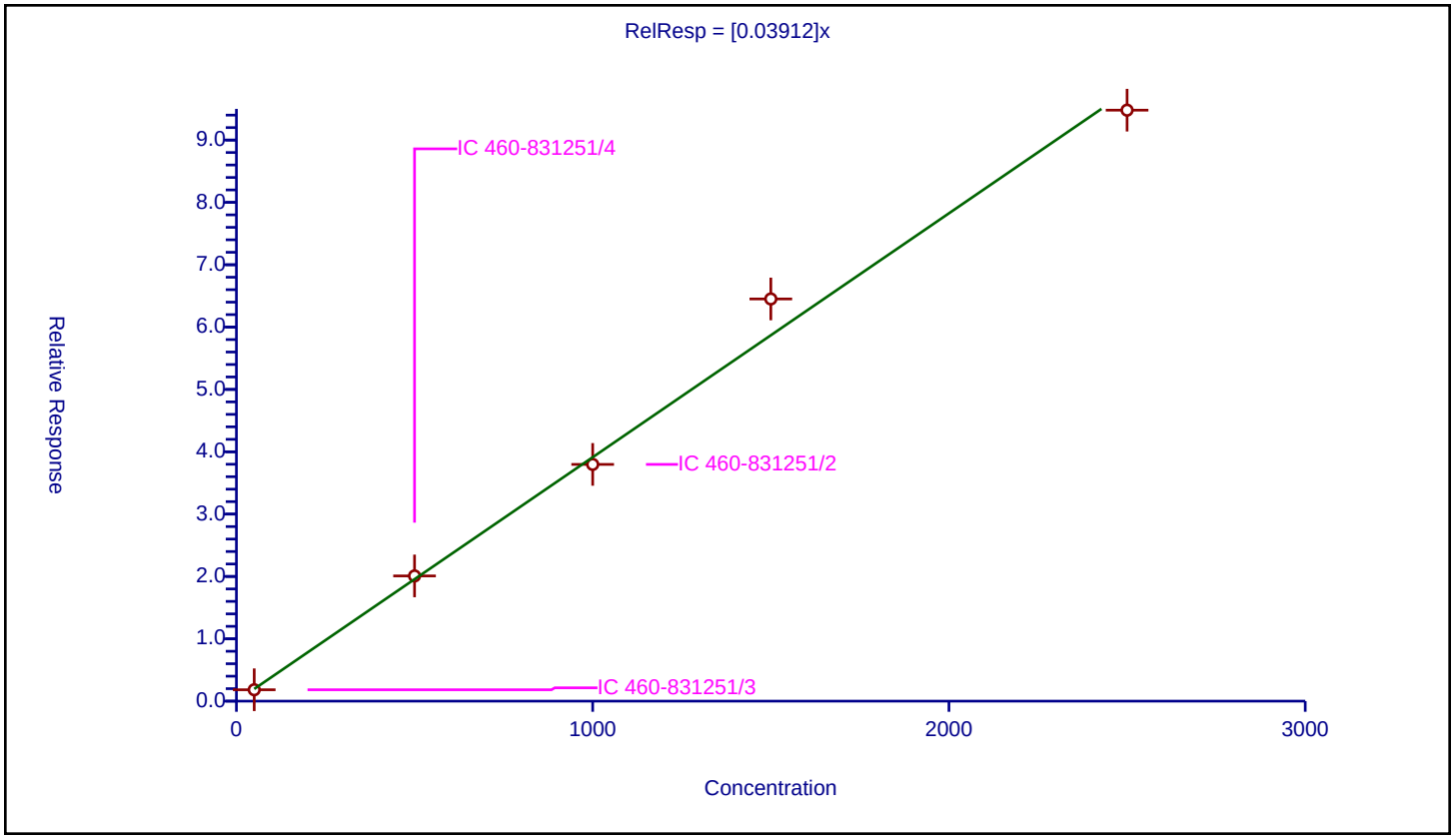
Curve Coefficients

Intercept:	0
Slope:	0.03912

Error Coefficients

Standard Error:	59500000
Relative Standard Error:	6.5
Correlation Coefficient:	0.970
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	1.82743	20.0	20166195.0	0.036549	Y
2	IC 460-831251/4	500.0	20.087241	20.0	19568447.0	0.040174	Y
3	IC 460-831251/2	1000.0	37.972864	20.0	21301061.0	0.037973	Y
4	IC 460-831251/17	1500.0	64.512825	20.0	20765467.0	0.043009	Y
5	IC 460-831251/6	2500.0	94.795135	20.0	18431810.0	0.037918	Y



Calibration / PCB-1016 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

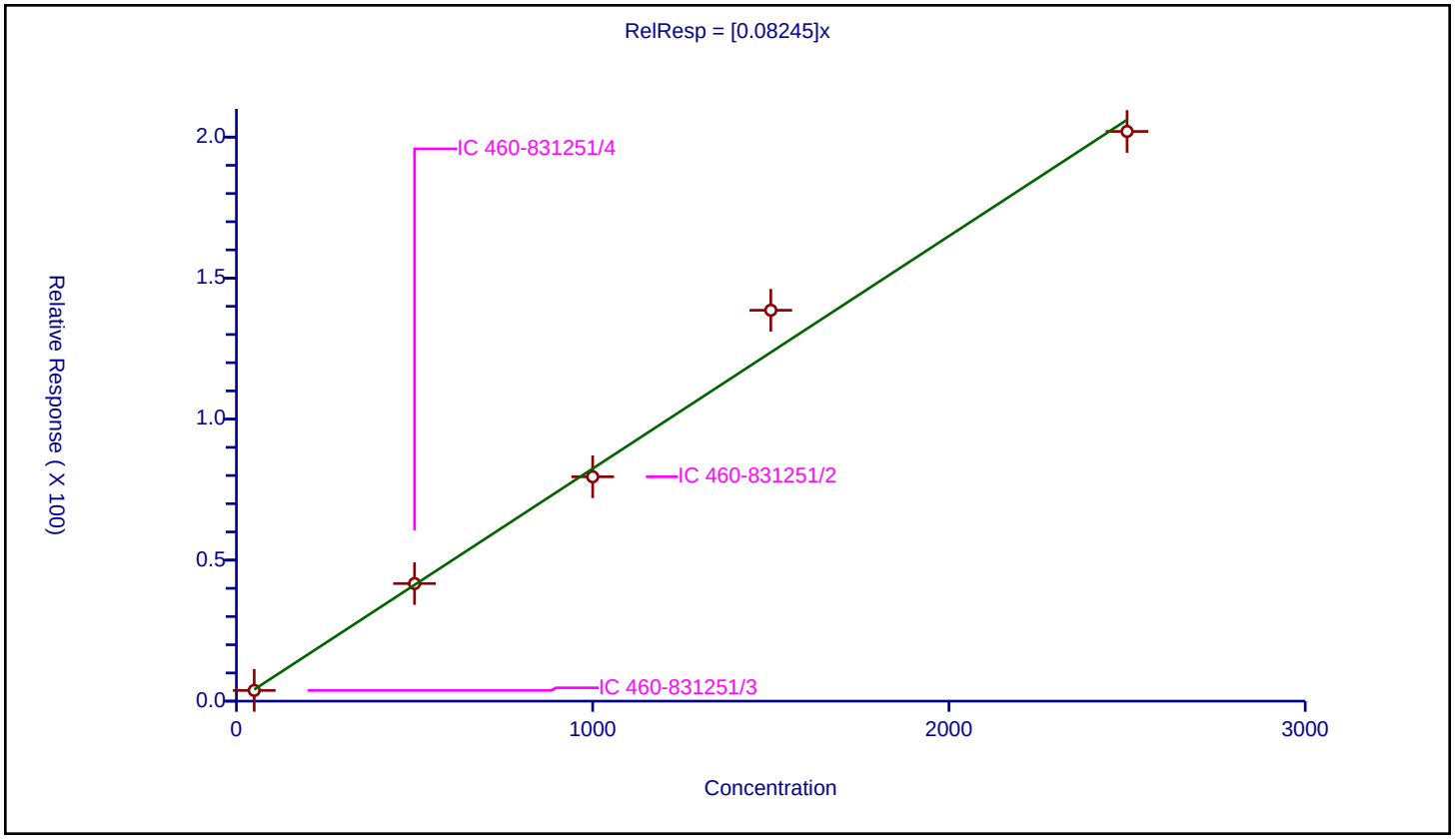
Curve Coefficients

Intercept:	0
Slope:	0.08245

Error Coefficients

Standard Error:	127000000
Relative Standard Error:	7.5
Correlation Coefficient:	0.968
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	3.804535	20.0	20166195.0	0.076091	Y
2	IC 460-831251/4	500.0	41.702705	20.0	19568447.0	0.083405	Y
3	IC 460-831251/2	1000.0	79.559813	20.0	21301061.0	0.07956	Y
4	IC 460-831251/17	1500.0	138.59957	20.0	20765467.0	0.0924	Y
5	IC 460-831251/6	2500.0	201.999031	20.0	18431810.0	0.0808	Y



Calibration / PCB-1016 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

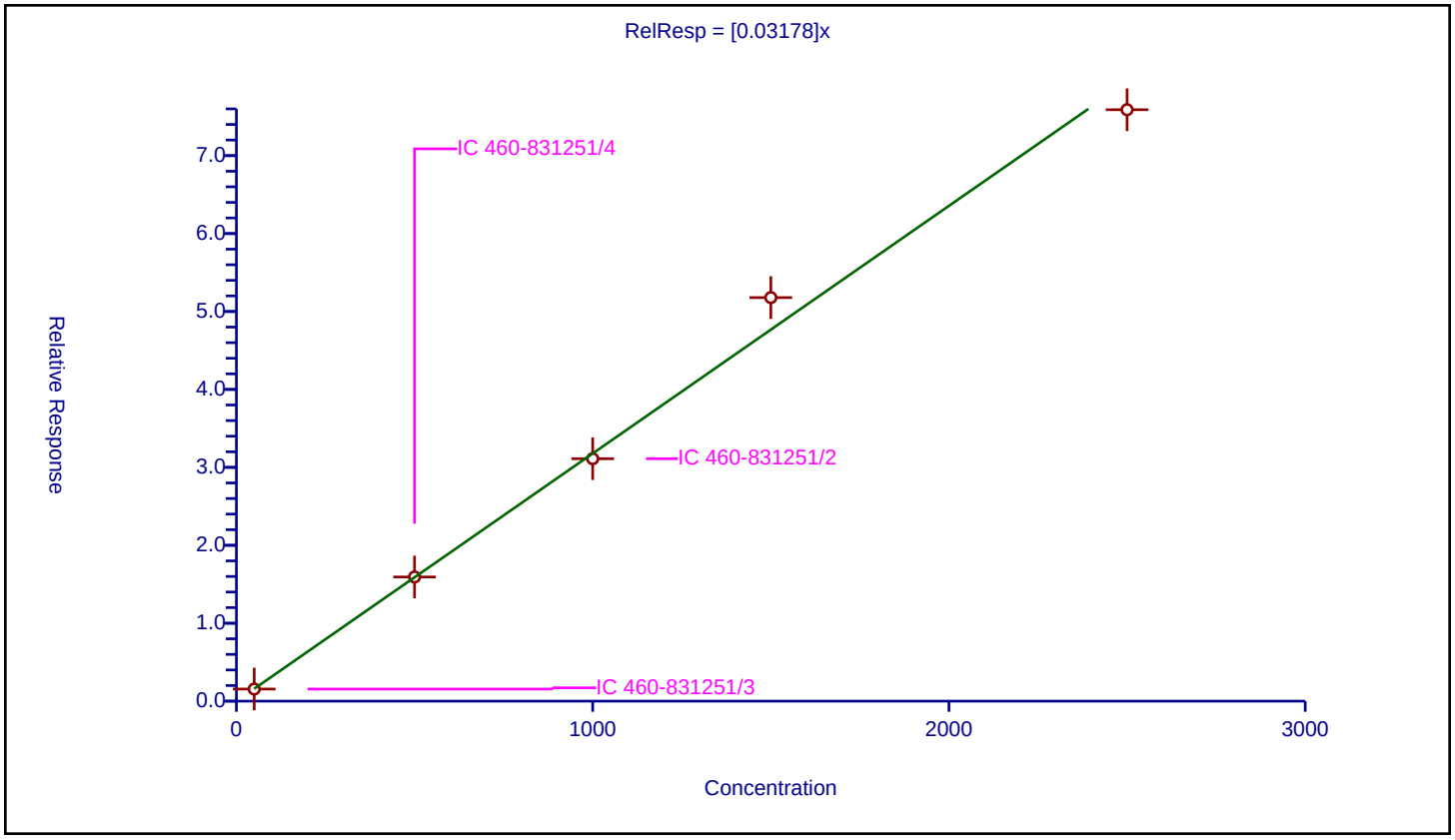
Curve Coefficients

Intercept:	0
Slope:	0.03178

Error Coefficients

Standard Error:	47800000
Relative Standard Error:	5.1
Correlation Coefficient:	0.969
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	1.551803	20.0	20166195.0	0.031036	Y
2	IC 460-831251/4	500.0	15.933438	20.0	19568447.0	0.031867	Y
3	IC 460-831251/2	1000.0	31.111454	20.0	21301061.0	0.031111	Y
4	IC 460-831251/17	1500.0	51.784984	20.0	20765467.0	0.034523	Y
5	IC 460-831251/6	2500.0	75.893557	20.0	18431810.0	0.030357	Y



Calibration / PCB-1016 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

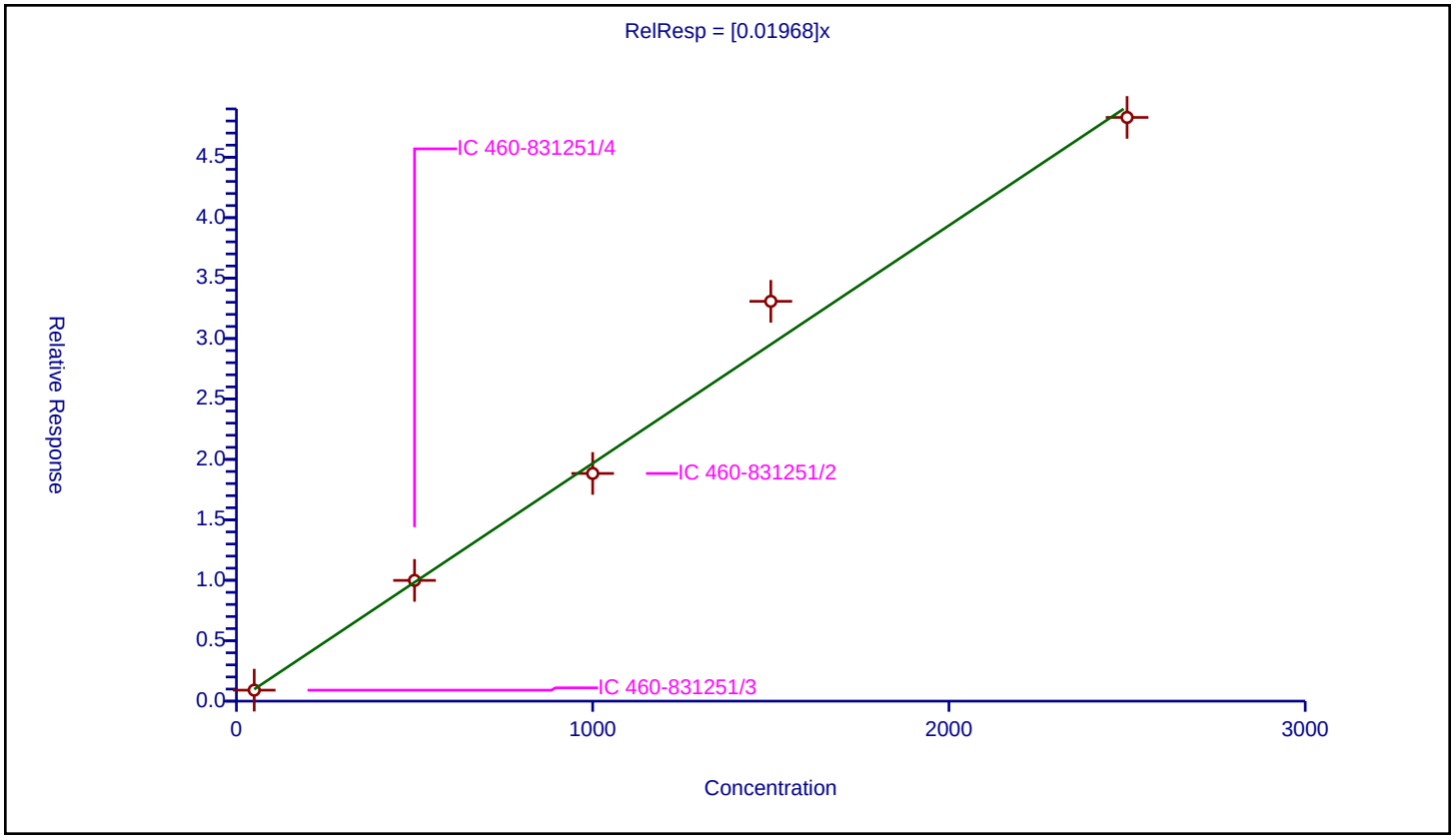
Curve Coefficients

Intercept:	0
Slope:	0.01968

Error Coefficients

Standard Error:	30200000
Relative Standard Error:	7.5
Correlation Coefficient:	0.968
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	0.90945	20.0	20166195.0	0.018189	Y
2	IC 460-831251/4	500.0	9.990771	20.0	19568447.0	0.019982	Y
3	IC 460-831251/2	1000.0	18.837075	20.0	21301061.0	0.018837	Y
4	IC 460-831251/17	1500.0	33.079365	20.0	20765467.0	0.022053	Y
5	IC 460-831251/6	2500.0	48.294239	20.0	18431810.0	0.019318	Y



Calibration / PCB-1016 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

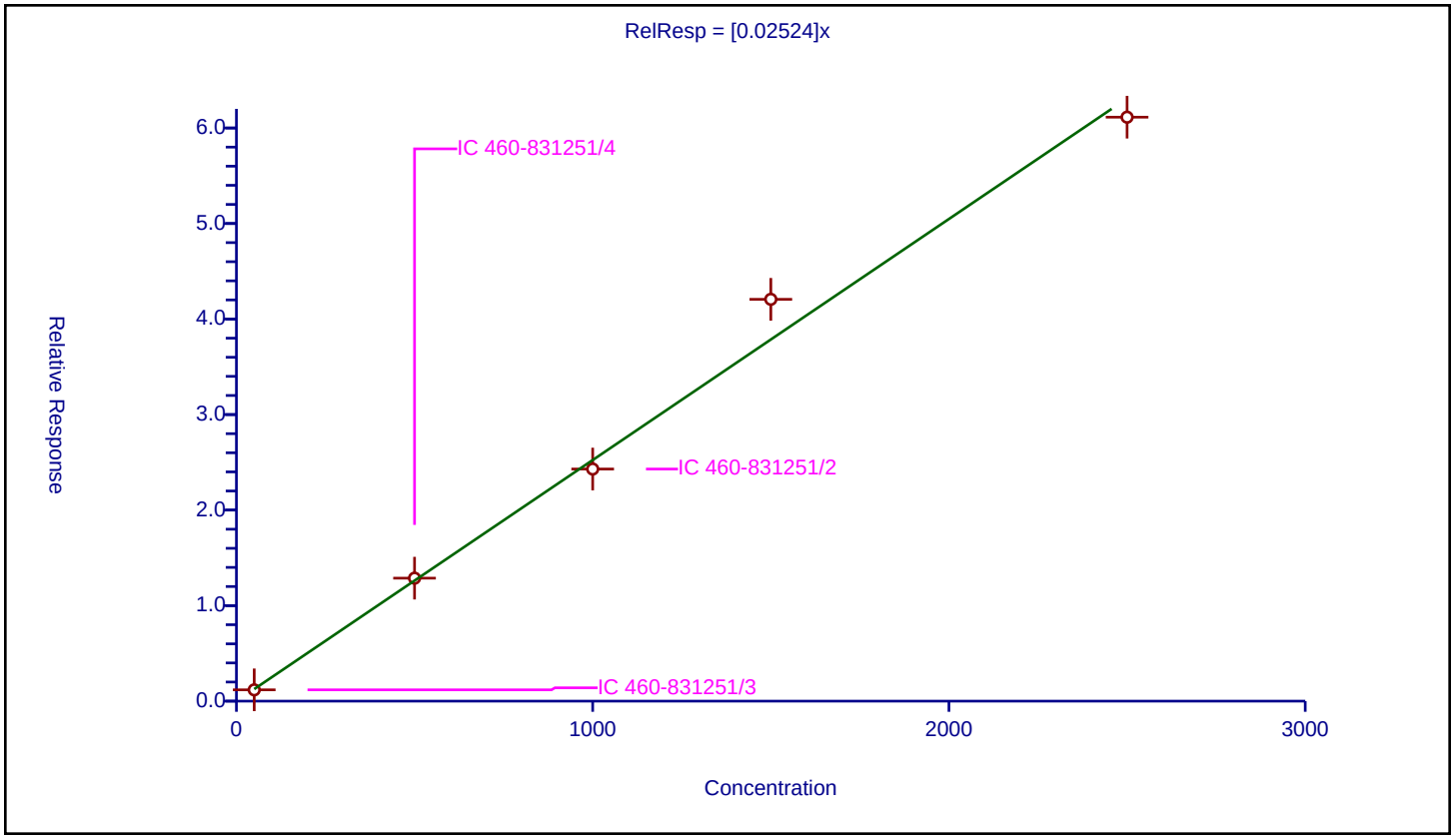
Curve Coefficients

Intercept:	0
Slope:	0.02524

Error Coefficients

Standard Error:	38400000
Relative Standard Error:	6.9
Correlation Coefficient:	0.967
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	1.182193	20.0	20166195.0	0.023644	Y
2	IC 460-831251/4	500.0	12.874408	20.0	19568447.0	0.025749	Y
3	IC 460-831251/2	1000.0	24.298614	20.0	21301061.0	0.024299	Y
4	IC 460-831251/17	1500.0	42.064239	20.0	20765467.0	0.028043	Y
5	IC 460-831251/6	2500.0	61.131718	20.0	18431810.0	0.024453	Y



Calibration / PCB-1016 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

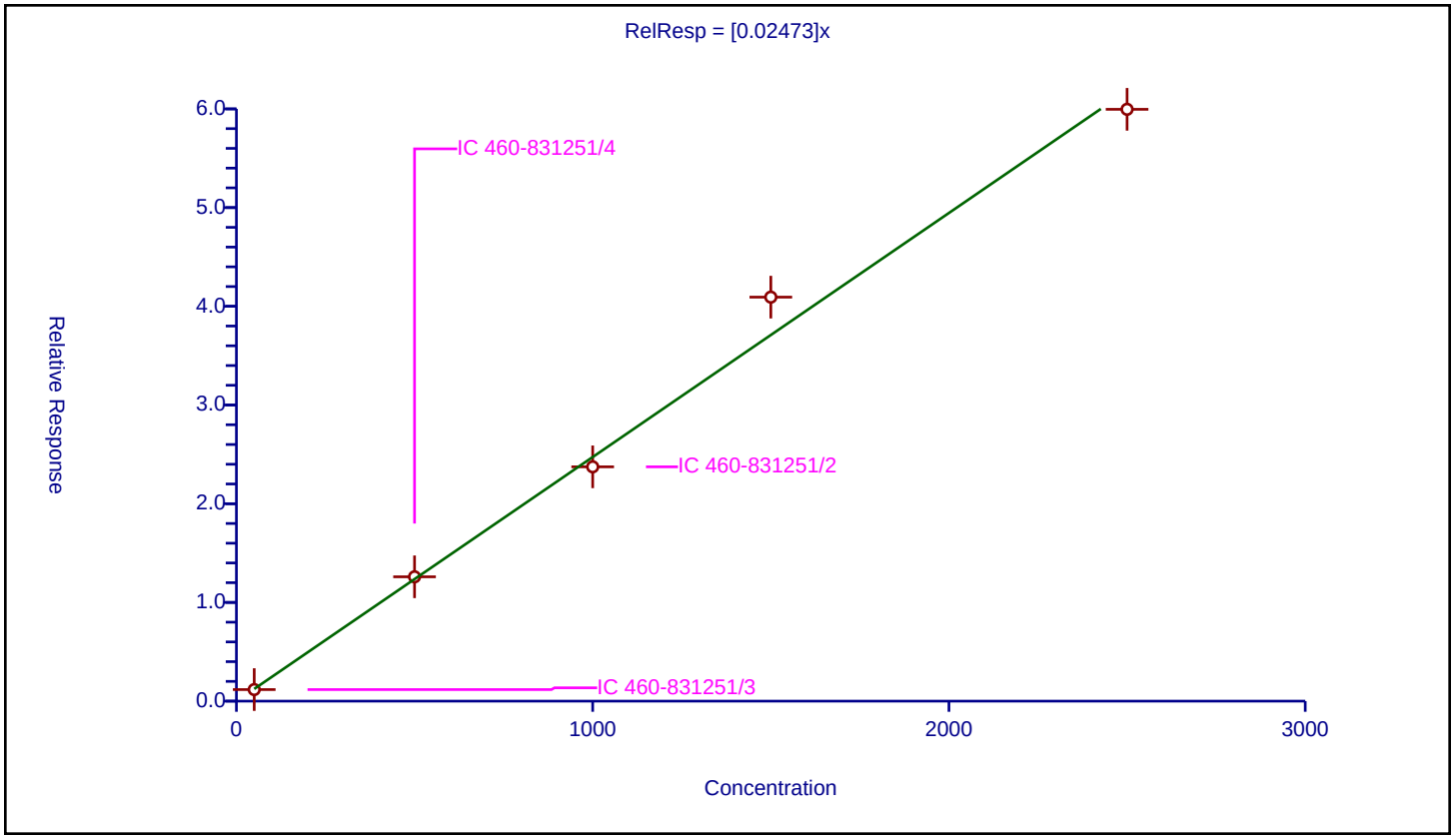
Curve Coefficients

Intercept:	0
Slope:	0.02473

Error Coefficients

Standard Error:	37600000
Relative Standard Error:	6.4
Correlation Coefficient:	0.969
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	1.172134	20.0	20166195.0	0.023443	Y
2	IC 460-831251/4	500.0	12.595606	20.0	19568447.0	0.025191	Y
3	IC 460-831251/2	1000.0	23.73739	20.0	21301061.0	0.023737	Y
4	IC 460-831251/17	1500.0	40.927864	20.0	20765467.0	0.027285	Y
5	IC 460-831251/6	2500.0	59.957099	20.0	18431810.0	0.023983	Y



Calibration / PCB-1016 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

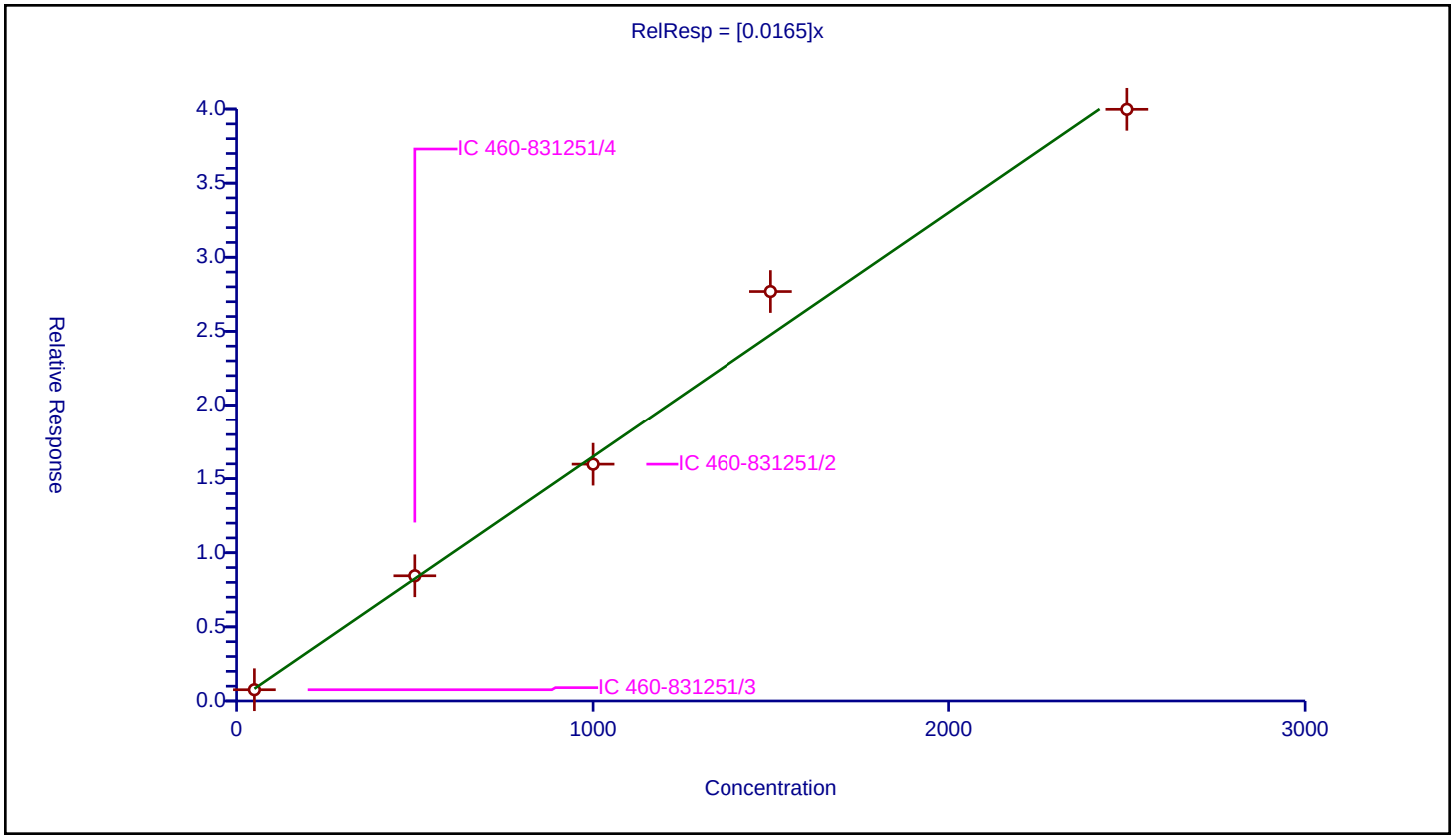
Curve Coefficients

Intercept:	0
Slope:	0.0165

Error Coefficients

Standard Error:	25200000
Relative Standard Error:	7.5
Correlation Coefficient:	0.965
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	0.760078	20.0	20166195.0	0.015202	Y
2	IC 460-831251/4	500.0	8.445879	20.0	19568447.0	0.016892	Y
3	IC 460-831251/2	1000.0	15.979315	20.0	21301061.0	0.015979	Y
4	IC 460-831251/17	1500.0	27.687406	20.0	20765467.0	0.018458	Y
5	IC 460-831251/6	2500.0	39.980818	20.0	18431810.0	0.015992	Y



Calibration / PCB-1260 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

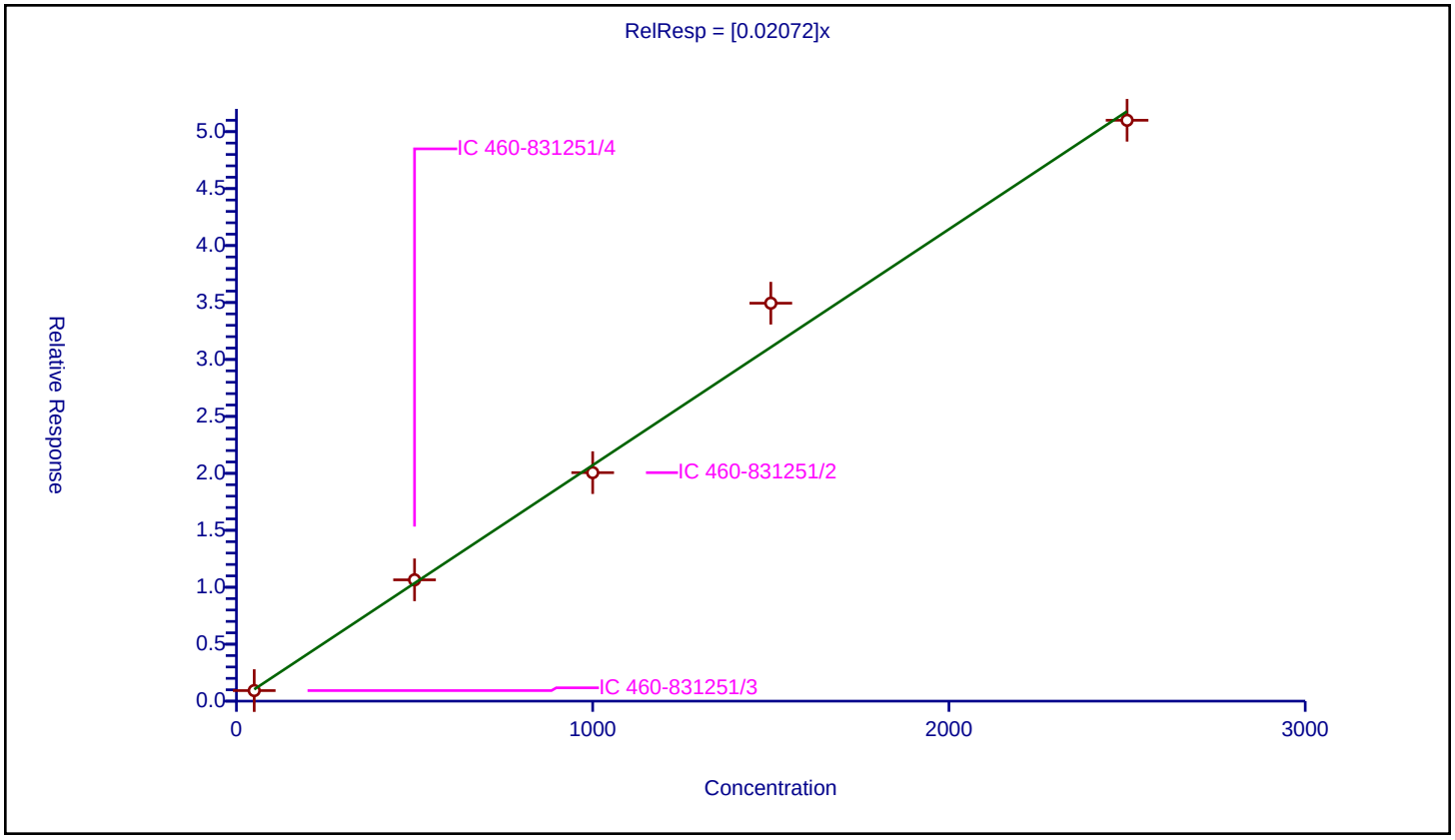
Curve Coefficients

Intercept:	0
Slope:	0.02072

Error Coefficients

Standard Error:	32000000
Relative Standard Error:	8.5
Correlation Coefficient:	0.968
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	0.92609	20.0	20166195.0	0.018522	Y
2	IC 460-831251/4	500.0	10.649791	20.0	19568447.0	0.0213	Y
3	IC 460-831251/2	1000.0	20.064052	20.0	21301061.0	0.020064	Y
4	IC 460-831251/17	1500.0	34.940462	20.0	20765467.0	0.023294	Y
5	IC 460-831251/6	2500.0	51.000606	20.0	18431810.0	0.0204	Y



Calibration / PCB-1260 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

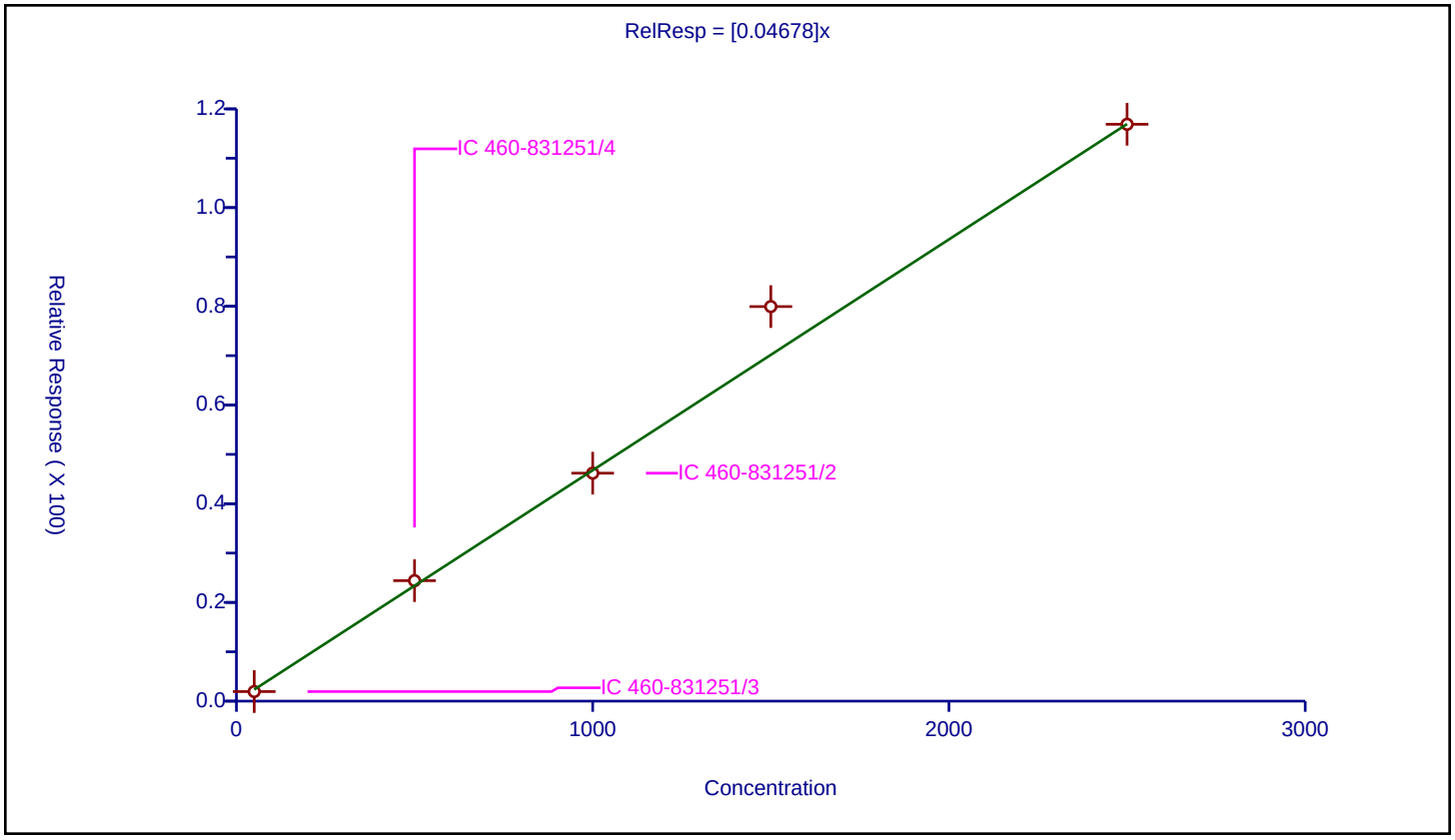
Curve Coefficients

Intercept:	0
Slope:	0.04678

Error Coefficients

Standard Error:	73300000
Relative Standard Error:	11.2
Correlation Coefficient:	0.969
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	1.940561	20.0	20166195.0	0.038811	Y
2	IC 460-831251/4	500.0	24.41373	20.0	19568447.0	0.048827	Y
3	IC 460-831251/2	1000.0	46.193249	20.0	21301061.0	0.046193	Y
4	IC 460-831251/17	1500.0	79.947939	20.0	20765467.0	0.053299	Y
5	IC 460-831251/6	2500.0	116.878139	20.0	18431810.0	0.046751	Y



Calibration / PCB-1260 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

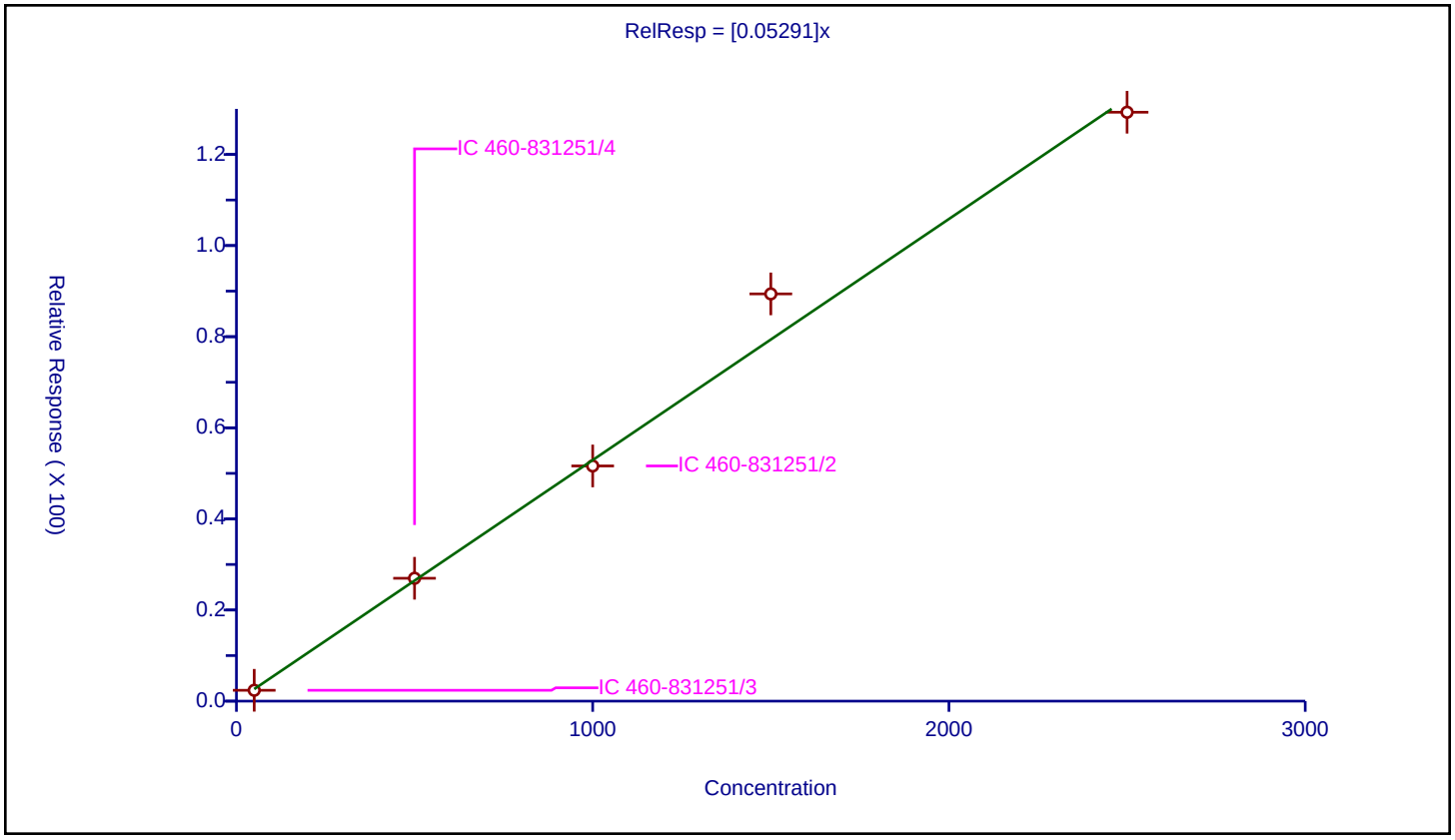
Curve Coefficients

Intercept:	0
Slope:	0.05291

Error Coefficients

Standard Error:	81400000
Relative Standard Error:	8.2
Correlation Coefficient:	0.966
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	2.385125	20.0	20166195.0	0.047703	Y
2	IC 460-831251/4	500.0	26.971386	20.0	19568447.0	0.053943	Y
3	IC 460-831251/2	1000.0	51.62723	20.0	21301061.0	0.051627	Y
4	IC 460-831251/17	1500.0	89.391921	20.0	20765467.0	0.059595	Y
5	IC 460-831251/6	2500.0	129.26788	20.0	18431810.0	0.051707	Y



Calibration / PCB-1260 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

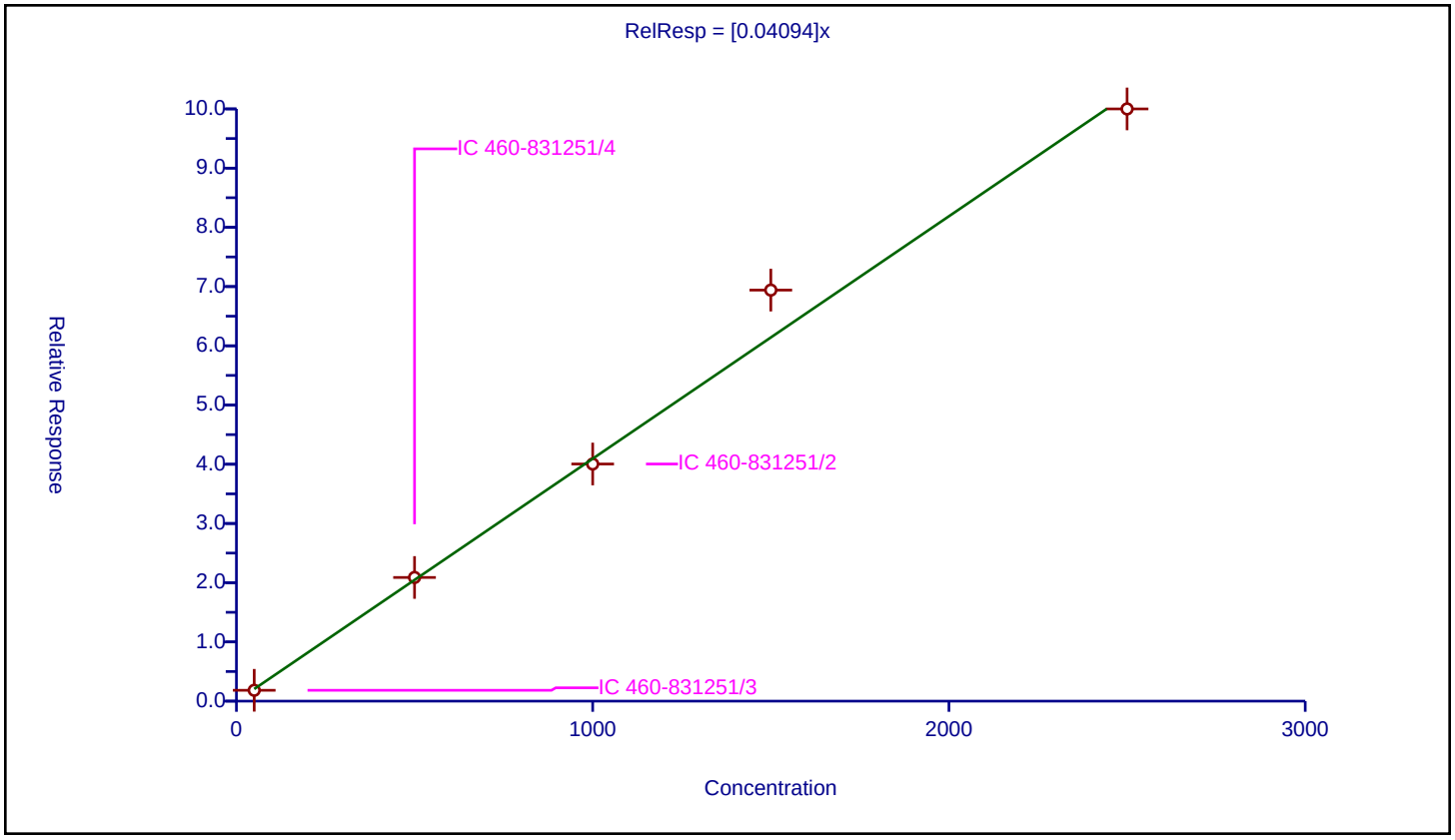
Curve Coefficients

Intercept:	0
Slope:	0.04094

Error Coefficients

Standard Error:	63100000
Relative Standard Error:	8.6
Correlation Coefficient:	0.965
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	1.830398	20.0	20166195.0	0.036608	Y
2	IC 460-831251/4	500.0	20.883228	20.0	19568447.0	0.041766	Y
3	IC 460-831251/2	1000.0	40.041592	20.0	21301061.0	0.040042	Y
4	IC 460-831251/17	1500.0	69.403645	20.0	20765467.0	0.046269	Y
5	IC 460-831251/6	2500.0	99.995383	20.0	18431810.0	0.039998	Y



Calibration / PCB-1260 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

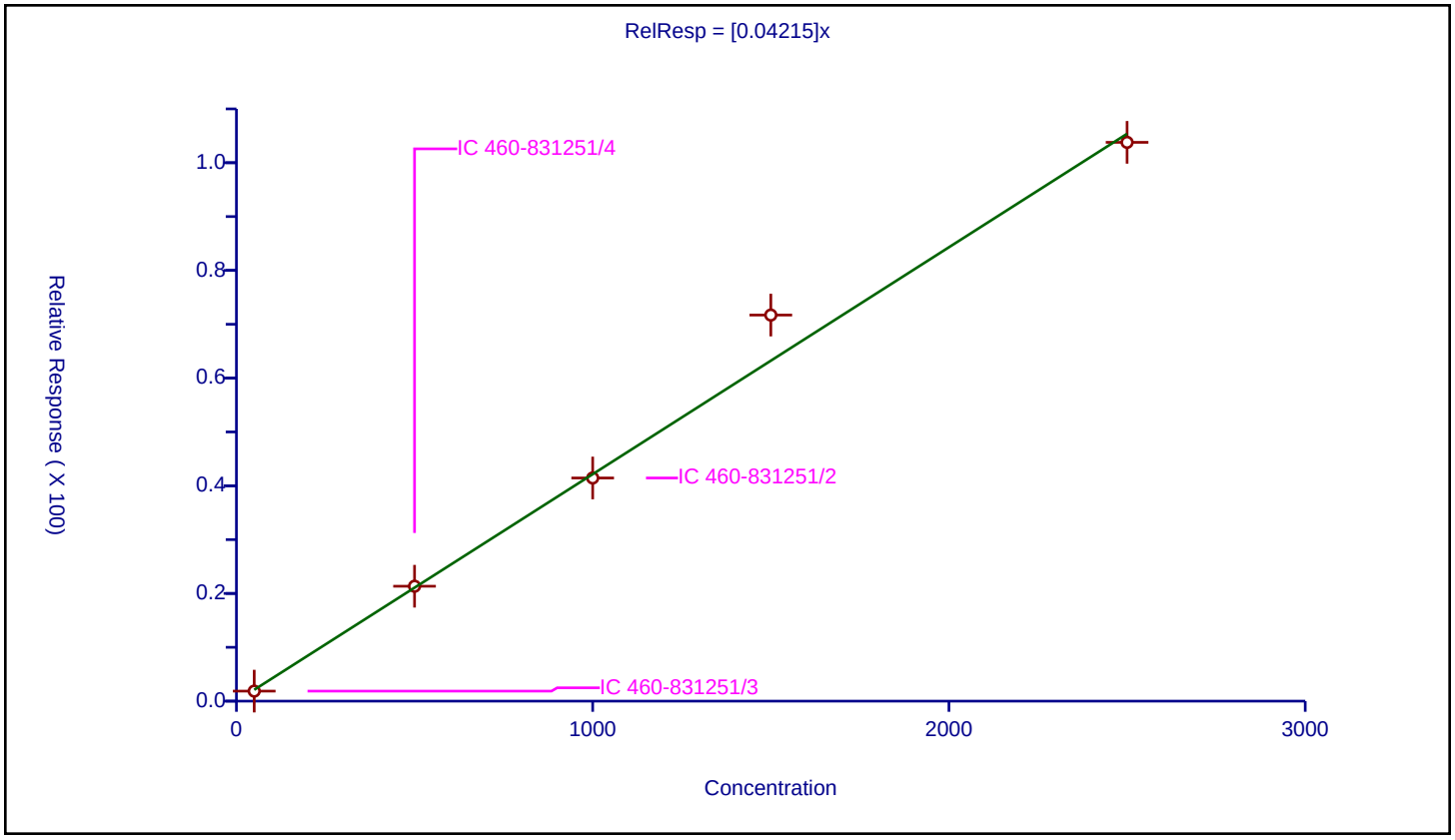
Curve Coefficients

Intercept:	0
Slope:	0.04215

Error Coefficients

Standard Error:	65300000
Relative Standard Error:	8.9
Correlation Coefficient:	0.966
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	1.864874	20.0	20166195.0	0.037297	Y
2	IC 460-831251/4	500.0	21.34443	20.0	19568447.0	0.042689	Y
3	IC 460-831251/2	1000.0	41.447318	20.0	21301061.0	0.041447	Y
4	IC 460-831251/17	1500.0	71.707665	20.0	20765467.0	0.047805	Y
5	IC 460-831251/6	2500.0	103.785859	20.0	18431810.0	0.041514	Y



Calibration / PCB-1260 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

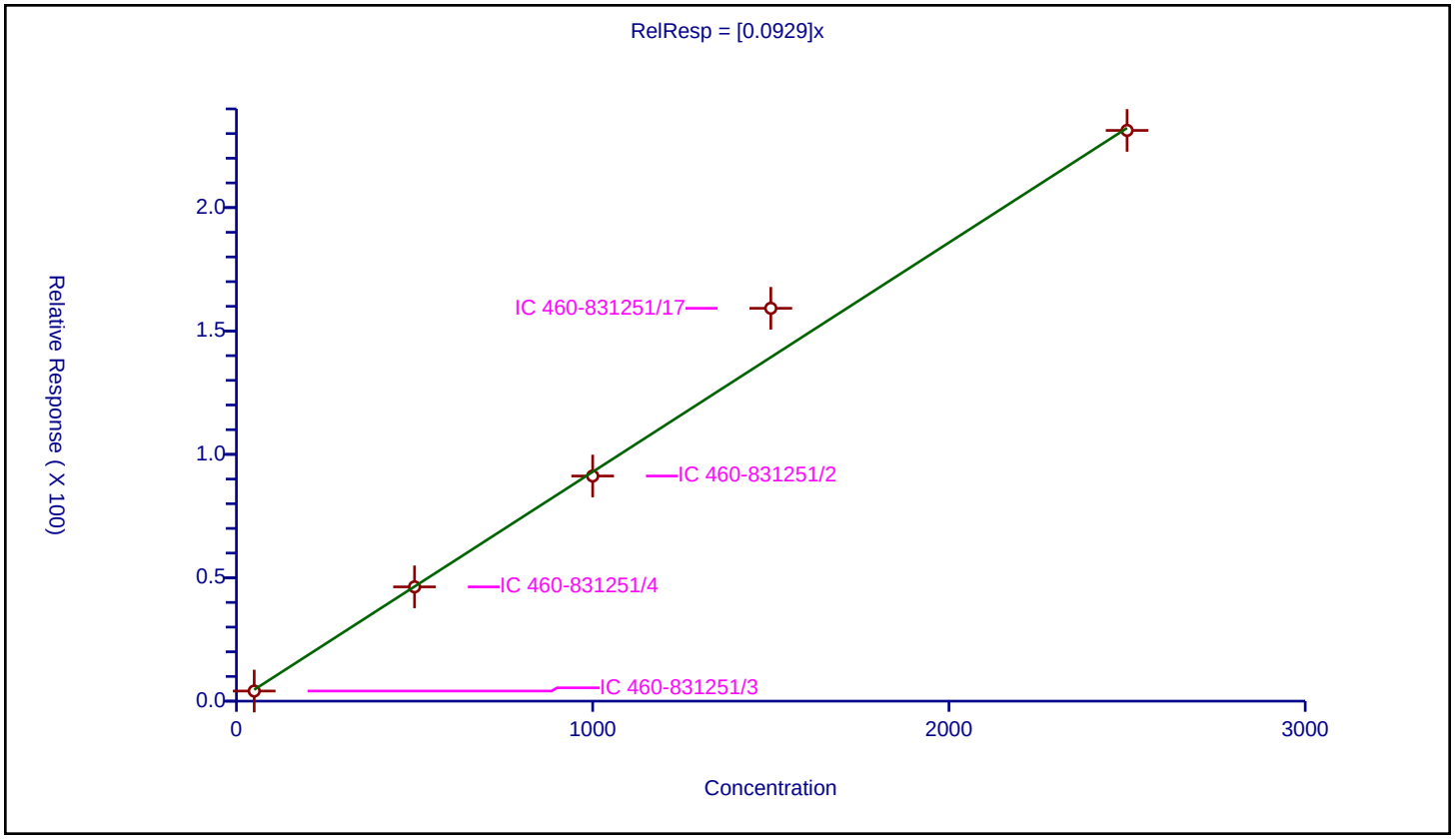
Curve Coefficients

Intercept:	0
Slope:	0.0929

Error Coefficients

Standard Error:	145000000
Relative Standard Error:	9.3
Correlation Coefficient:	0.967
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	4.101251	20.0	20166195.0	0.082025	Y
2	IC 460-831251/4	500.0	46.305167	20.0	19568447.0	0.09261	Y
3	IC 460-831251/2	1000.0	91.226479	20.0	21301061.0	0.091226	Y
4	IC 460-831251/17	1500.0	159.207168	20.0	20765467.0	0.106138	Y
5	IC 460-831251/6	2500.0	231.276775	20.0	18431810.0	0.092511	Y



Calibration / PCB-1260 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

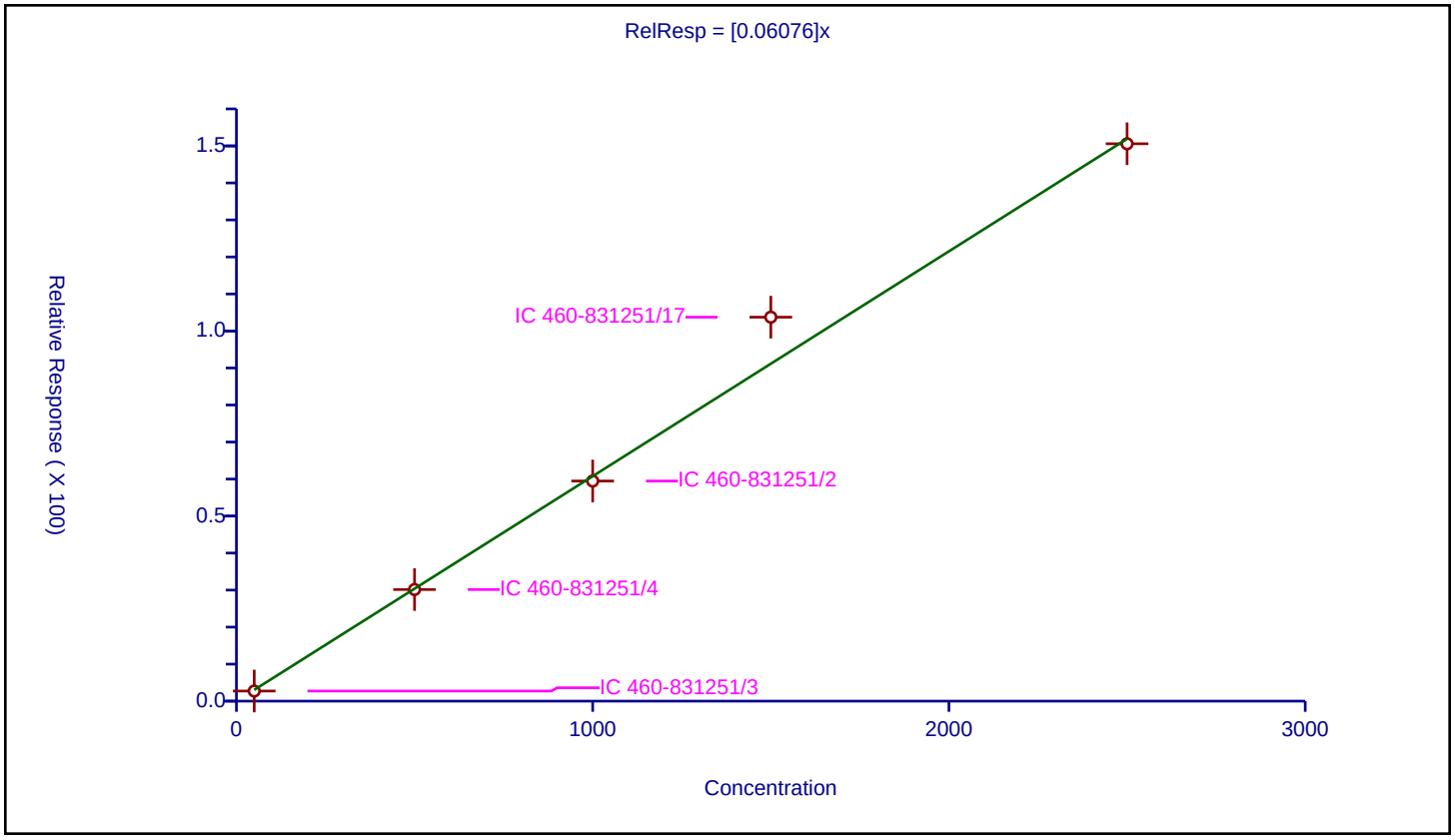
Curve Coefficients

Intercept:	0
Slope:	0.06076

Error Coefficients

Standard Error:	94500000
Relative Standard Error:	8.6
Correlation Coefficient:	0.966
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	2.732834	20.0	20166195.0	0.054657	Y
2	IC 460-831251/4	500.0	30.154992	20.0	19568447.0	0.06031	Y
3	IC 460-831251/2	1000.0	59.464934	20.0	21301061.0	0.059465	Y
4	IC 460-831251/17	1500.0	103.732614	20.0	20765467.0	0.069155	Y
5	IC 460-831251/6	2500.0	150.581615	20.0	18431810.0	0.060233	Y



Calibration / PCB-1260 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

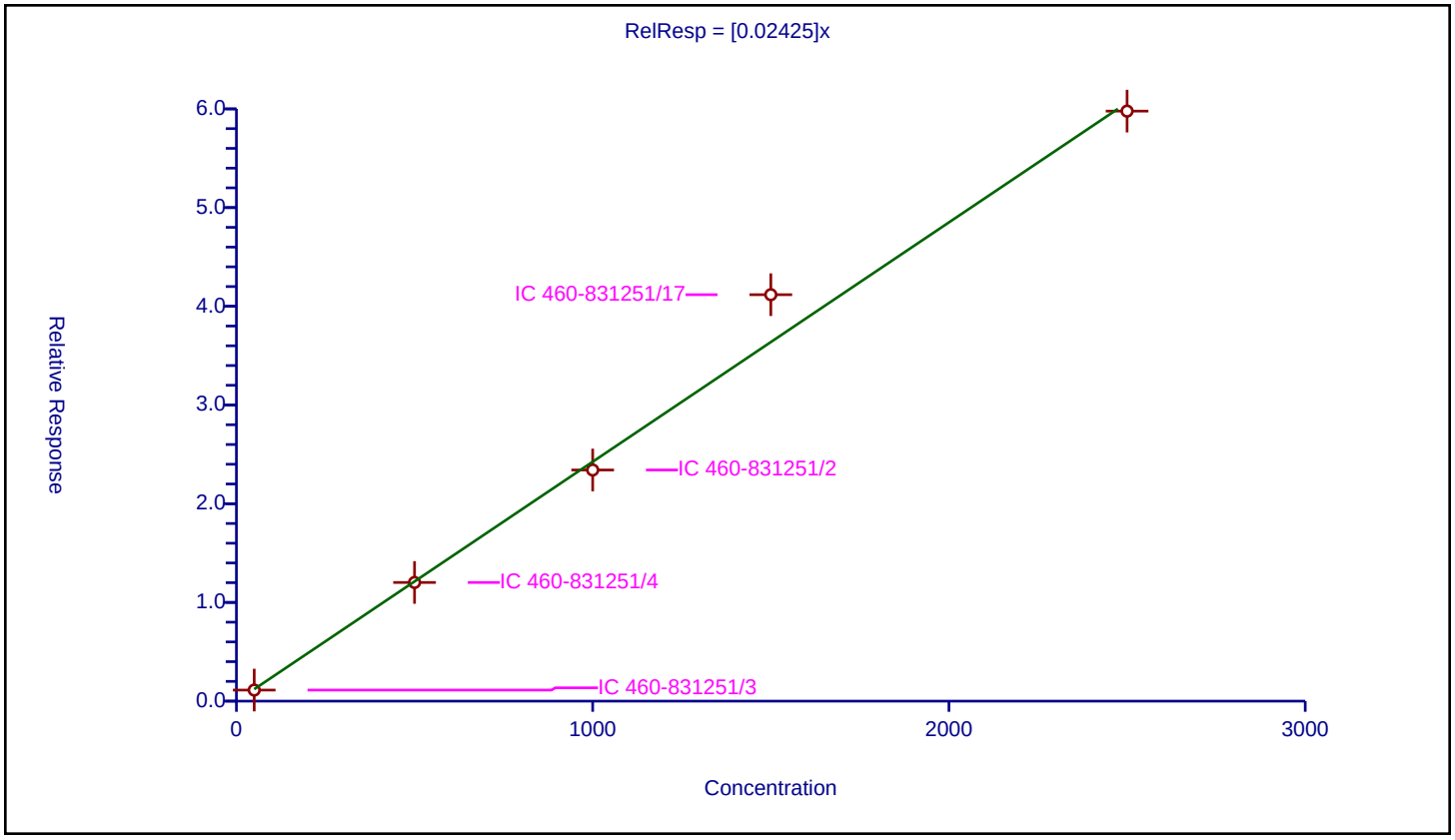
Curve Coefficients

Intercept:	0
Slope:	0.02425

Error Coefficients

Standard Error:	37500000
Relative Standard Error:	7.8
Correlation Coefficient:	0.967
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	1.121681	20.0	20166195.0	0.022434	Y
2	IC 460-831251/4	500.0	12.022197	20.0	19568447.0	0.024044	Y
3	IC 460-831251/2	1000.0	23.416022	20.0	21301061.0	0.023416	Y
4	IC 460-831251/17	1500.0	41.176312	20.0	20765467.0	0.027451	Y
5	IC 460-831251/6	2500.0	59.774836	20.0	18431810.0	0.02391	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

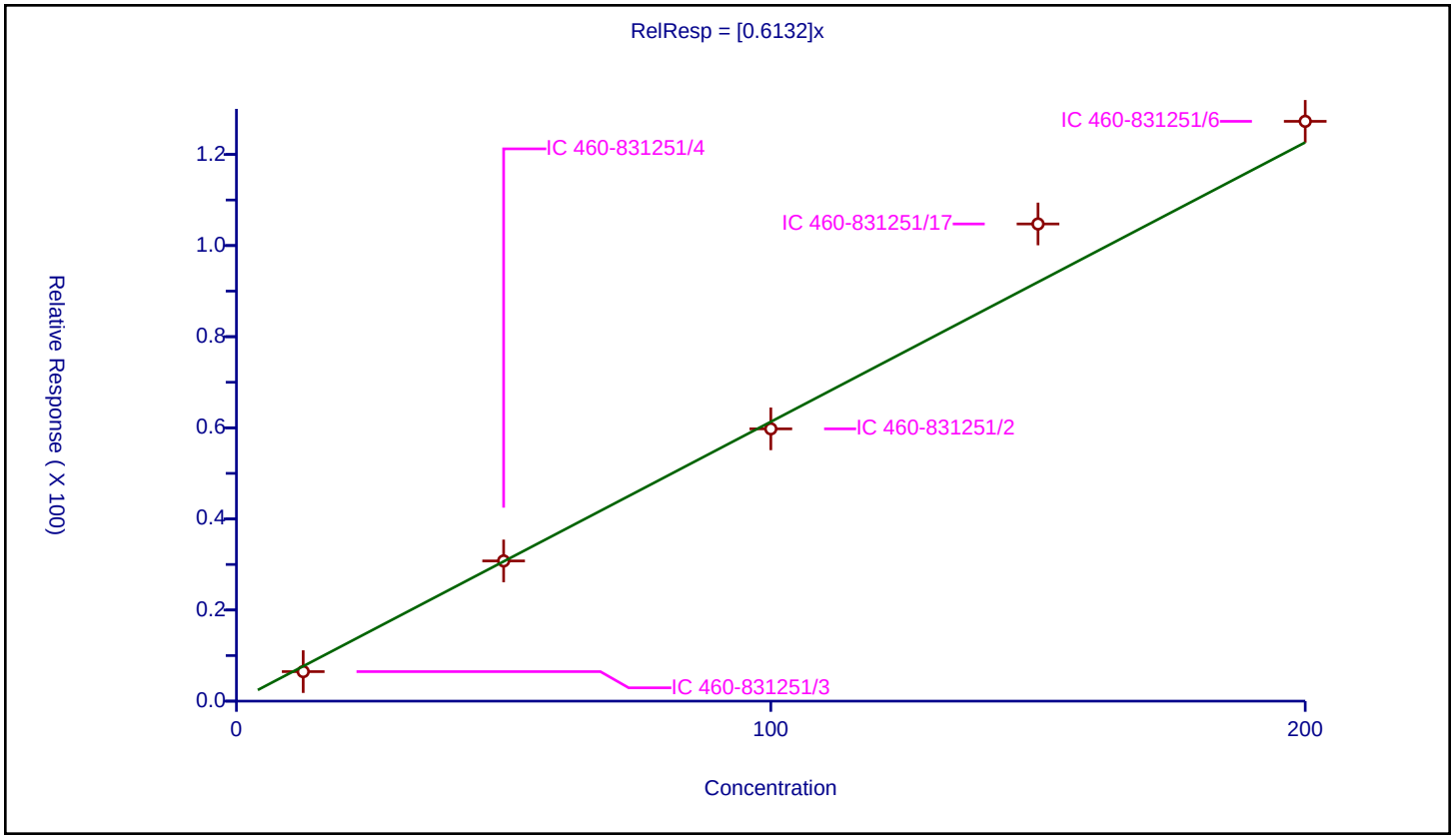
Curve Coefficients

Intercept:	0
Slope:	0.6132

Error Coefficients

Standard Error:	87400000
Relative Standard Error:	10.6
Correlation Coefficient:	0.970
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	12.5	6.478044	20.0	20166195.0	0.518244	Y
2	IC 460-831251/4	50.0	30.779854	20.0	19568447.0	0.615597	Y
3	IC 460-831251/2	100.0	59.769758	20.0	21301061.0	0.597698	Y
4	IC 460-831251/17	150.0	104.744812	20.0	20765467.0	0.698299	Y
5	IC 460-831251/6	200.0	127.270586	20.0	18431810.0	0.636353	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 18:33 Calibration End Date: 03/03/2022 10:07 Calibration ID: 89408

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/3	14F0021107.D
Level 2	IC 460-831251/4	14F0021108.D
Level 3	IC 460-831251/2	14F0021106.D
Level 4	IC 460-831251/17	14F0021121.D
Level 5	IC 460-831251/6	14F0021110.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0225	0.0221	0.0207	0.0224	0.0201	Ave		0.0216				5.0		20.0			
PCB-1016 Peak 2	0.0433	0.0457	0.0428	0.0462	0.0422	Ave		0.0440				4.1		20.0			
PCB-1016 Peak 3	0.0283	0.0300	0.0280	0.0306	0.0280	Ave		0.0290				4.1		20.0			
PCB-1016 Peak 4	0.0865	0.0993	0.0948	0.1063	0.0962	Ave		0.0966				7.4		20.0			
PCB-1016 Peak 5	0.0355	0.0396	0.0374	0.0414	0.0376	Ave		0.0383				6.0		20.0			
PCB-1016 Peak 6	0.0204	0.0234	0.0222	0.0250	0.0226	Ave		0.0227				7.5		20.0			
PCB-1016 Peak 7	0.0396	0.0382	0.0354	0.0388	0.0353	Ave		0.0375				5.3		20.0			
PCB-1016 Peak 8	0.0157	0.0159	0.0145	0.0159	0.0144	Ave		0.0153				4.9		20.0			
PCB-1260 Peak 1	0.0467	0.0504	0.0479	0.0529	0.0480	Ave		0.0492				5.1		20.0			
PCB-1260 Peak 2	0.0765	0.0876	0.0848	0.0945	0.0852	Ave		0.0857				7.6		20.0			
PCB-1260 Peak 3	0.0436	0.0483	0.0464	0.0516	0.0465	Ave		0.0473				6.3		20.0			
PCB-1260 Peak 4	0.0472	0.0531	0.0513	0.0566	0.0511	Ave		0.0519				6.6		20.0			
PCB-1260 Peak 5	0.1036	0.1209	0.1179	0.1317	0.1187	Ave		0.1185				8.5		20.0			
PCB-1260 Peak 6	0.0533	0.0609	0.0590	0.0658	0.0592	Ave		0.0596				7.5		20.0			
PCB-1260 Peak 7	0.0327	0.0362	0.0345	0.0381	0.0346	Ave		0.0352				5.8		20.0			
PCB-1260 Peak 8	0.0352	0.0350	0.0337	0.0372	0.0339	Ave		0.0350				4.0		20.0			
Tetrachloro-m-xylene	0.9668	1.2421	1.2390	1.3270	1.2569	Ave		1.2064				11.5		20.0			
DCB Decachlorobiphenyl	0.7817	0.9264	0.8792	0.9803	0.9325	Ave		0.9000				8.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 18:33 Calibration End Date: 03/03/2022 10:07 Calibration ID: 89408

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/3	14F0021107.D
Level 2	IC 460-831251/4	14F0021108.D
Level 3	IC 460-831251/2	14F0021106.D
Level 4	IC 460-831251/17	14F0021121.D
Level 5	IC 460-831251/6	14F0021110.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	1761917	16849755	34693312	59653768	73946586	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	3391454	34855732	71689282	122995849	154861568	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	2215291	22831250	46956477	81435846	102922466	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	6773404	75633579	158799651	283199717	353320075	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	2781277	30186477	62573591	110417745	137899856	50.0	500	1000	1500	2500
PCB-1016 Peak 6	BNB	Ave	1597345	17796032	37109300	66692565	83010326	50.0	500	1000	1500	2500
PCB-1016 Peak 7	BNB	Ave	3099641	29106157	59337643	103486007	129587372	50.0	500	1000	1500	2500
PCB-1016 Peak 8	BNB	Ave	1226321	12080138	24346466	42478557	52808719	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	3657869	38423042	80191189	141061107	176346028	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	5987668	66765554	141975503	251899267	312781226	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	3415592	36831933	77785194	137616582	170613079	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	3696958	40478332	85998639	150714567	187597182	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	8112540	92098797	197437361	350984548	435818899	50.0	500	1000	1500	2500
PCB-1260 Peak 6	BNB	Ave	4175878	46400268	98759597	175326812	217307187	50.0	500	1000	1500	2500
PCB-1260 Peak 7	BNB	Ave	2562813	27592177	57780448	101622840	126961128	50.0	500	1000	1500	2500
PCB-1260 Peak 8	BNB	Ave	2755880	26664360	56416905	99224422	124459978	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	18929962	94642862	207551625	353625172	369258444	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	15305363	70588932	147274748	261216131	273937942	12.5	50.0	100	150	200

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021106.D
Lims ID: IC PCB
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 02-Mar-2022 18:33:25 ALS Bottle#: 5 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:13:58 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 09:52:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.753	1.753	0.000	21301061	20.0	20.0	
2	1.542	1.542	0.000	33501879	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.765	2.765	0.000	122840392	100.0	101.9	
2	2.250	2.250	0.000	207551625	100.0	102.7	M
						RPD = 0.81	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.399	3.399	0.000	19182607	1000.0	973.8	
1	3.917	3.917	0.000	40443115	1000.0	970.6	
1	4.495	4.495	0.000	84735422	1000.0	964.9	
1	4.667	4.667	0.000	33135349	1000.0	979.0	
1	4.795	4.795	0.000	20062484	1000.0	957.4	
1	5.262	5.262	0.000	25879313	1000.0	962.8	
1	5.416	5.416	0.000	25281580	1000.0	959.9	
1	5.814	5.814	0.000	17018818	1000.0	968.2	
		Average of Peak Amounts =				967.1	
2	2.653	2.653	0.000	34693312	1000.0	960.2	
2	3.049	3.049	0.000	71689282	1000.0	971.9	
2	3.278	3.278	0.000	46956477	1000.0	967.5	
2	3.583	3.583	0.000	158799651	1000.0	981.3	
2	3.736	3.736	0.000	62573591	1000.0	975.5	
2	3.807	3.807	0.000	37109300	1000.0	975.6	
2	4.218	4.218	0.000	59337643	1000.0	945.5	M
2	4.668	4.668	0.000	24346466	1000.0	951.6	M
		Average of Peak Amounts =				966.1	
						RPD = 0.10	
8 PCB-1260							M
1	6.863	6.863	0.000	21369280	1000.0	968.5	
1	7.134	7.134	0.000	49198261	1000.0	987.5	
1	7.518	7.518	0.000	54985739	1000.0	975.7	
1	8.395	8.395	0.000	42646420	1000.0	978.1	
1	9.020	9.020	0.000	44143592	1000.0	983.3	M
1	9.572	9.572	0.000	97161040	1000.0	982.0	M
1	10.082	10.082	0.000	63333309	1000.0	978.6	M
1	10.693	10.693	0.000	24939306	1000.0	965.6	
		Average of Peak Amounts =				977.4	
2	5.681	5.681	0.000	80191189	1000.0	973.2	M
2	6.450	6.450	0.000	141975503	1000.0	988.9	M
2	6.631	6.631	0.000	77785194	1000.0	981.8	M
2	7.018	7.018	0.000	85998639	1000.0	989.9	M
2	7.564	7.564	0.000	197437361	1000.0	994.3	M
2	8.081	8.081	0.000	98759597	1000.0	988.7	
2	8.249	8.249	0.000	57780448	1000.0	979.2	
2	9.408	9.408	0.000	56416905	1000.0	962.3	M
		Average of Peak Amounts =				982.3	
						RPD = 0.50	
$ 11 DCB Decachlorobiphenyl							
1	11.191	11.191	0.000	63657963	100.0	97.5	
2	10.104	10.104	0.000	147274748	100.0	97.7	
						RPD = 0.23	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SG1260ResPCB_00002	Amount Added: 1.00	Units: ml	
SG1660L3_00041	Amount Added: 1.00	Units: mL	
SGPCBISTD_00024	Amount Added: 20.00	Units: uL	Run Reagent

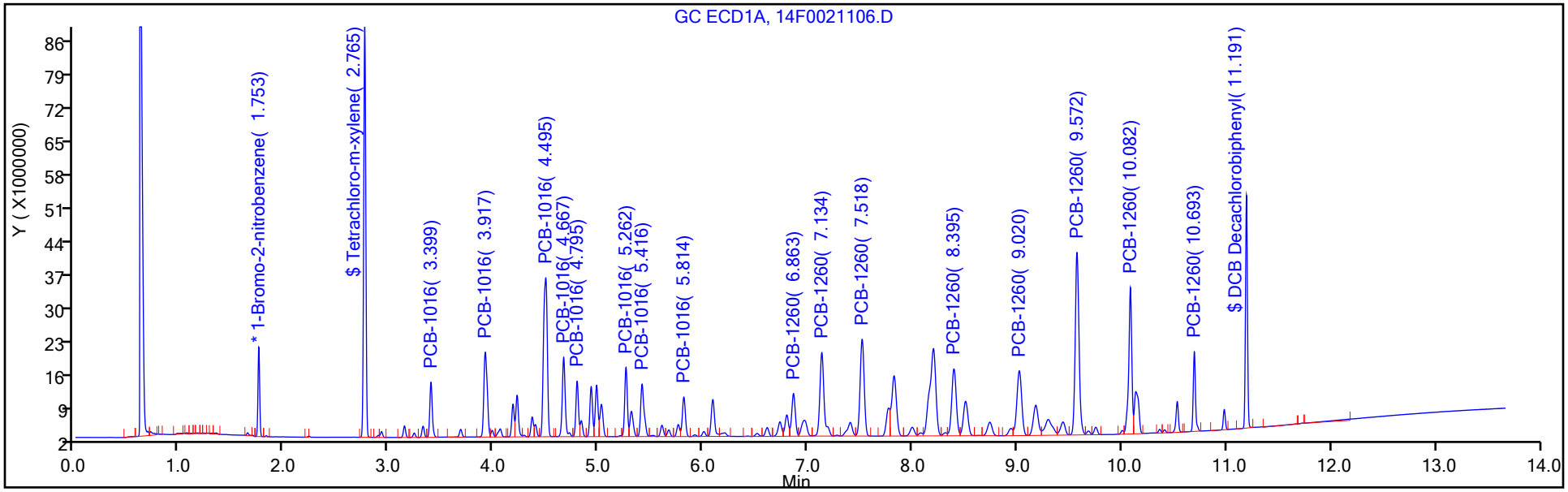
Report Date: 03-Mar-2022 11:13:58 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

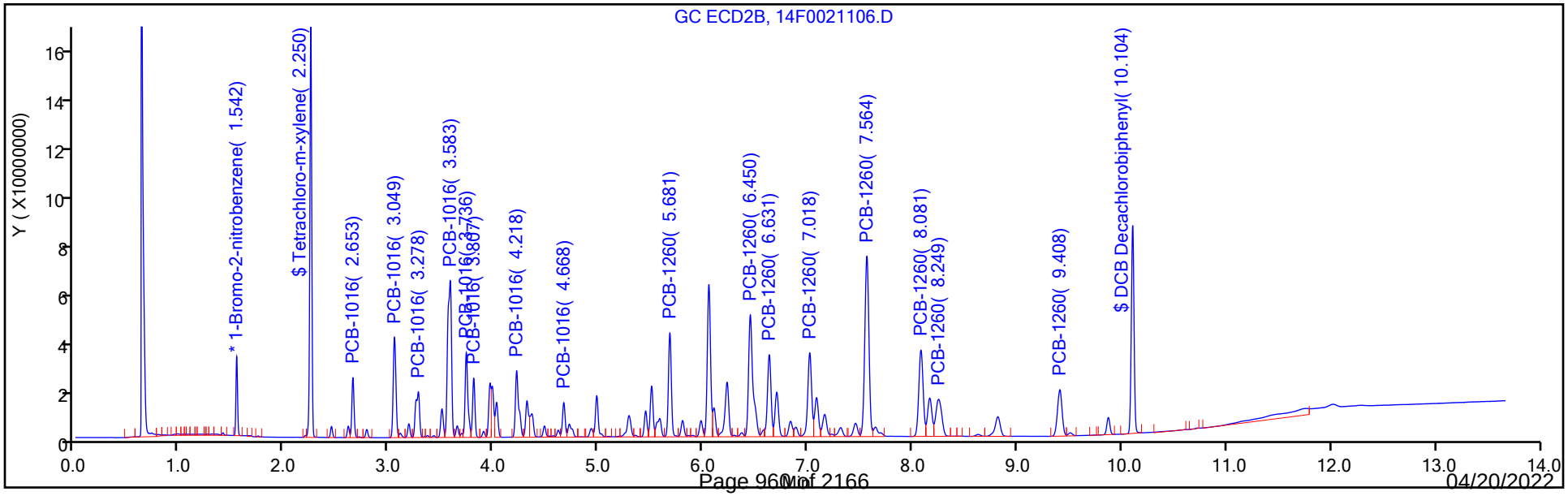
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021106.D

Injection Date:	02-Mar-2022 18:33:25	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

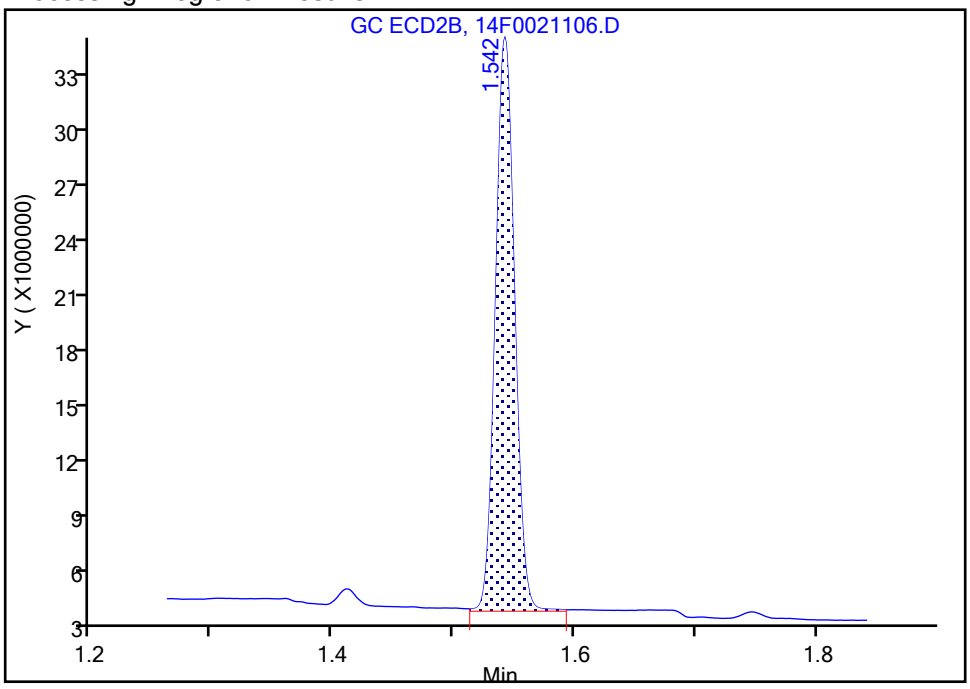
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021106.D
Injection Date: 02-Mar-2022 18:33:25 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

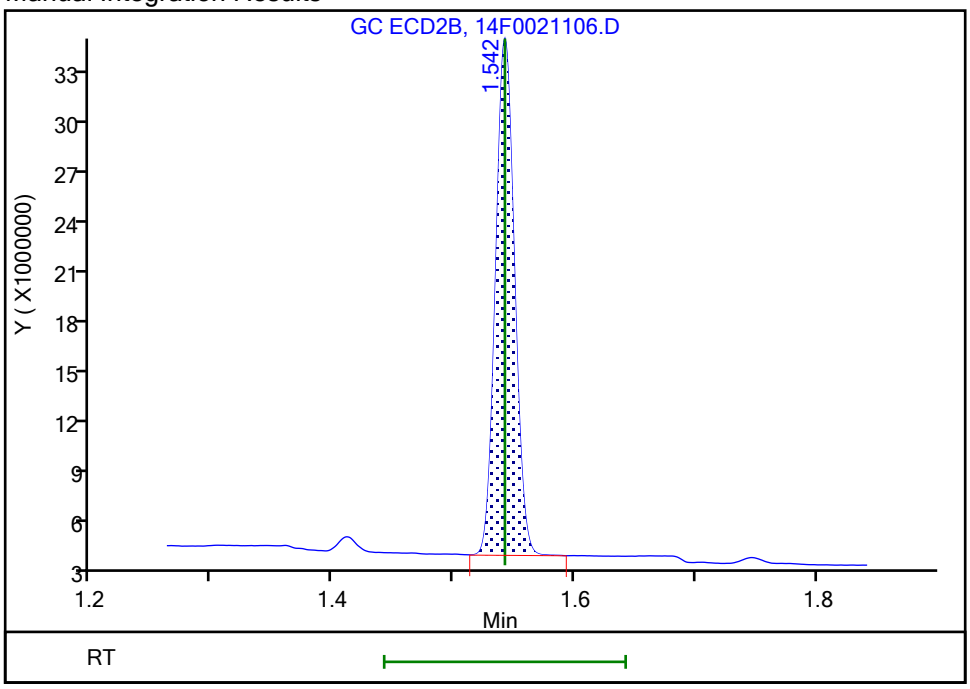
Processing Integration Results

RT: 1.54
Area: 33933579
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.54
Area: 33501879
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 03-Mar-2022 09:52:24
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

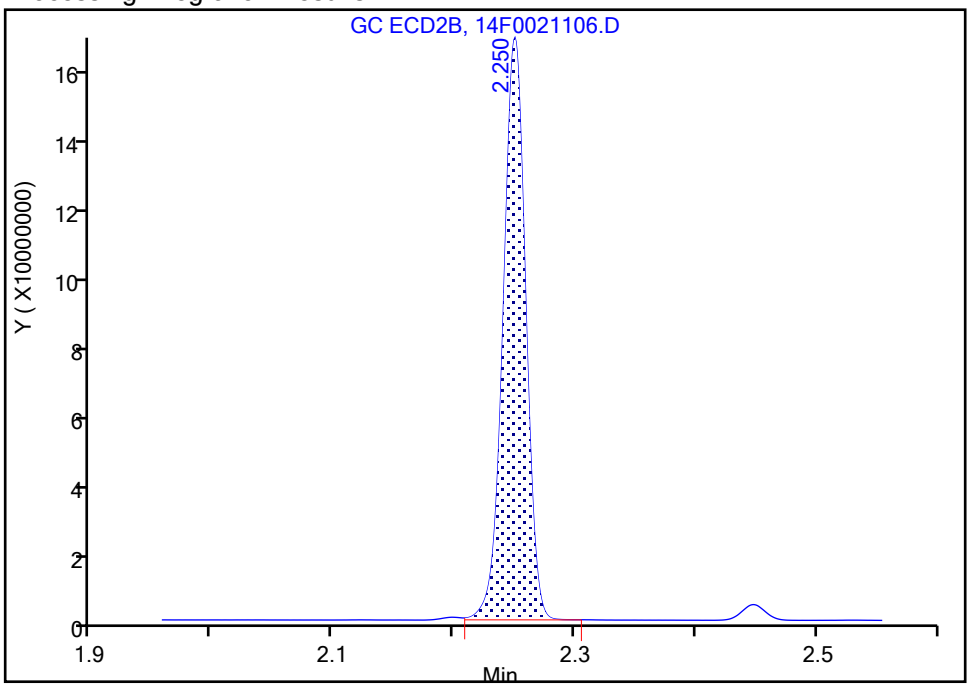
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021106.D
Injection Date: 02-Mar-2022 18:33:25 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

$ 2 Tetrachloro-m-xylene, CAS: 877-09-8

Signal: 2

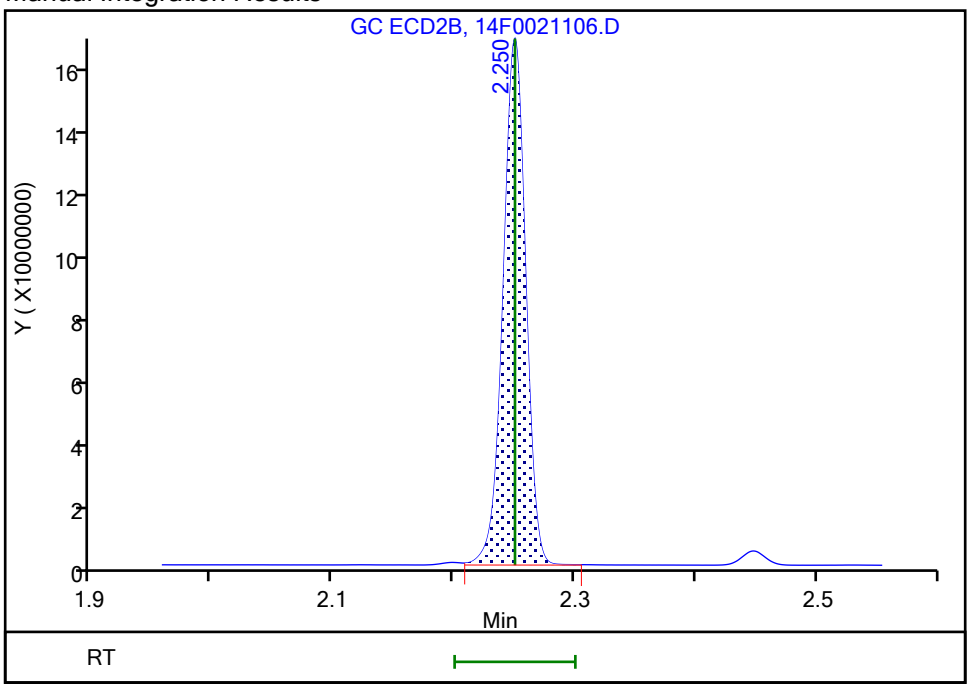
Processing Integration Results

RT: 2.25
Area: 207095032
Amount: 100.7864
Amount Units: ug/l



Manual Integration Results

RT: 2.25
Area: 207551625
Amount: 102.7063
Amount Units: ug/l



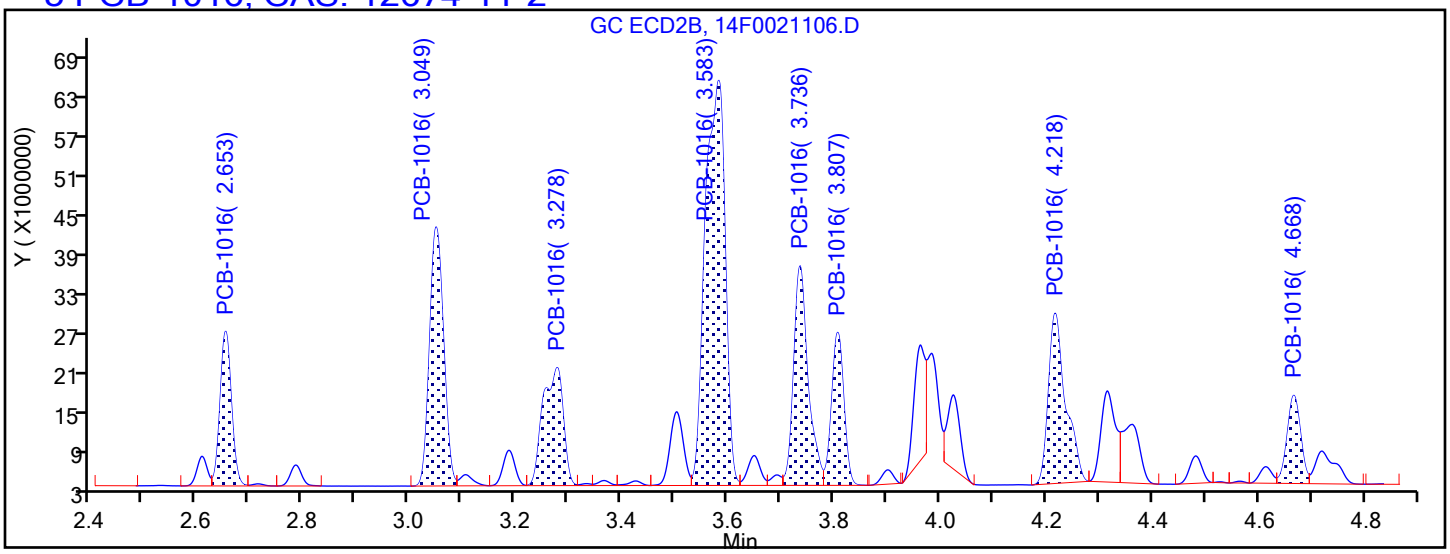
Reviewer: patelji, 03-Mar-2022 09:52:28
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Report Date: 03-Mar-2022 11:13:58 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

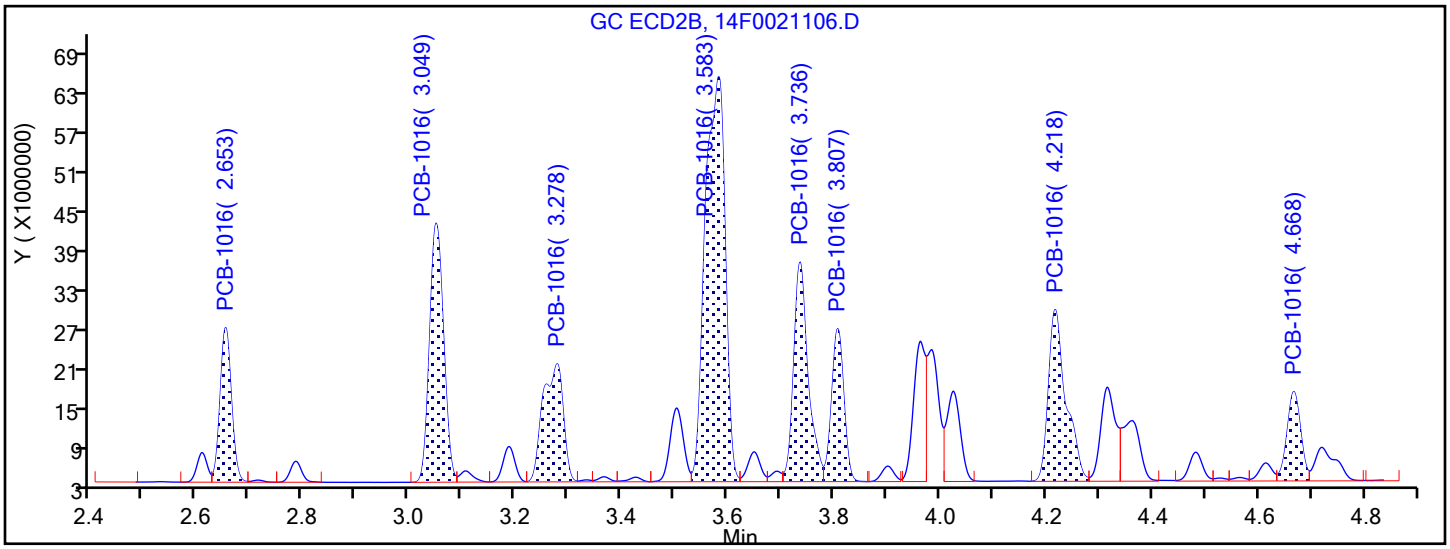
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021106.D
Injection Date: 02-Mar-2022 18:33:25 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.653	Response = 34693312
3.049	Response = 71689282
3.278	Response = 46956477
3.583	Response = 158799651
3.736	Response = 62573591
3.807	Response = 37109300
4.218	Response = 57459029
4.668	Response = 23676371



Manual Integration Results

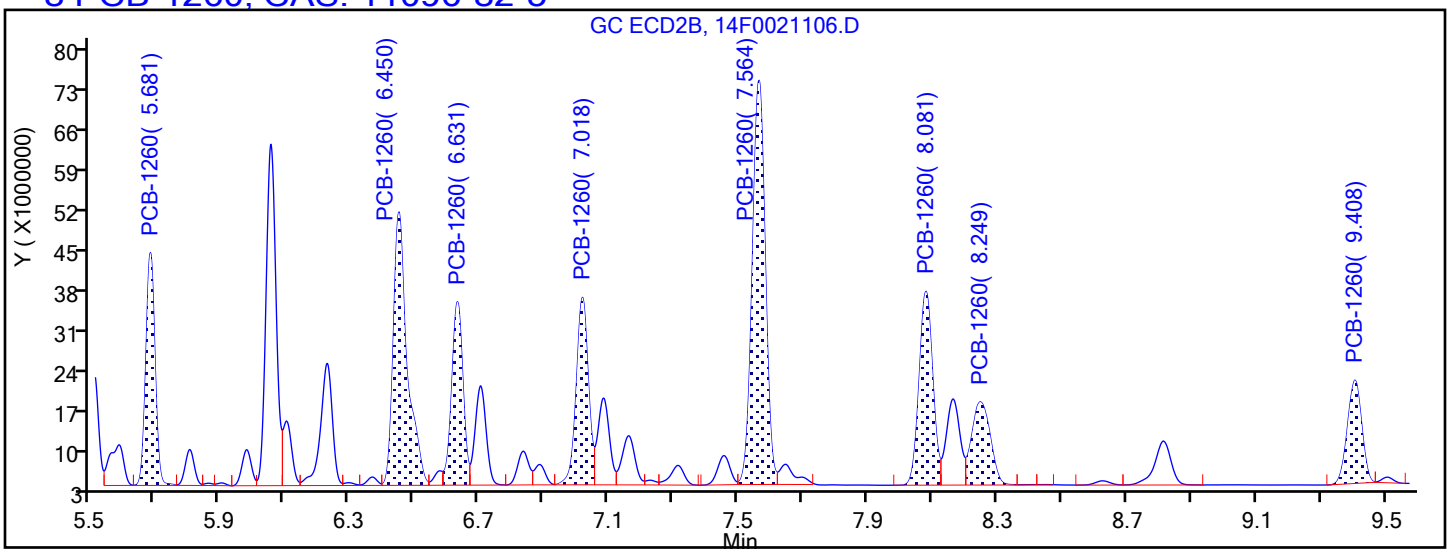
2.653	Response = 34693312
3.049	Response = 71689282
3.278	Response = 46956477
3.583	Response = 158799651
3.736	Response = 62573591
3.807	Response = 37109300

Report Date: 03-Mar-2022 11:13:59 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

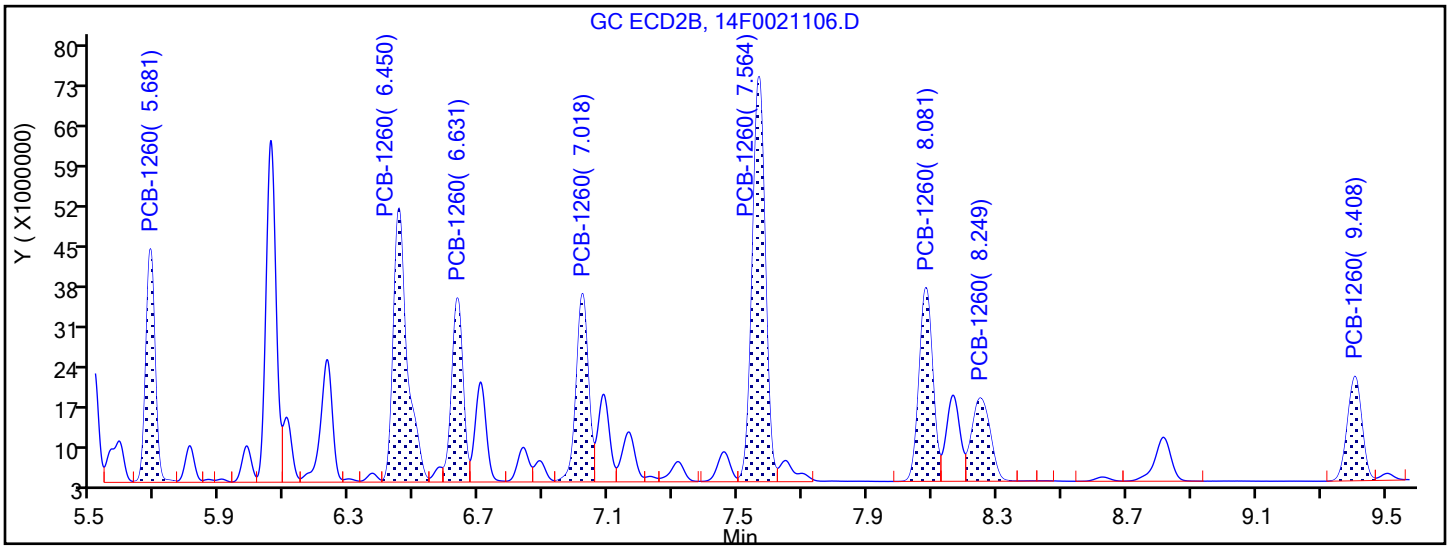
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021106.D
Injection Date: 02-Mar-2022 18:33:25 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.681	Response = 79194329
6.450	Response = 141182451
6.631	Response = 77206674
7.018	Response = 84866520
7.564	Response = 196114743
8.081	Response = 98759597
8.249	Response = 57780448
9.408	Response = 54916344



Manual Integration Results

5.681	Response = 80191189	M
6.450	Response = 141975503	M
6.631	Response = 77785194	M
7.018	Response = 85998639	M
7.564	Response = 197437361	M
8.081	Response = 98759597	

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021107.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 02-Mar-2022 18:50:09 ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:02 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 09:54:51

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.754	1.753	0.001	20166195	20.0	20.0	M
2	1.542	1.542	0.000	31326700	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.766	2.765	0.001	11429327	12.5	10.0	M
2	2.249	2.250	-0.001	18929962	12.5	10.0	M
						RPD = 0.06	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.399	3.399	0.000	879354	50.0	47.2	
1	3.918	3.917	0.001	1842615	50.0	46.7	
1	4.495	4.495	0.000	3836150	50.0	46.1	M
1	4.667	4.667	0.000	1564698	50.0	48.8	M
1	4.796	4.795	0.001	917007	50.0	46.2	M
1	5.263	5.262	0.001	1192017	50.0	46.8	M
1	5.418	5.416	0.002	1181874	50.0	47.4	M
1	5.814	5.814	0.000	766394	50.0	46.1	M
		Average of Peak Amounts =				46.9	
2	2.653	2.653	0.000	1761917	50.0	52.2	
2	3.049	3.049	0.000	3391454	50.0	49.2	M
2	3.278	3.278	0.000	2215291	50.0	48.8	M
2	3.582	3.583	-0.001	6773404	50.0	44.8	M
2	3.736	3.736	0.000	2781277	50.0	46.4	M
2	3.807	3.807	0.000	1597345	50.0	44.9	M
2	4.217	4.218	-0.001	3099641	50.0	52.8	M
2	4.669	4.668	0.001	1226321	50.0	51.3	M
		Average of Peak Amounts =				48.8	
						RPD = 3.89	
8 PCB-1260							M
1	6.862	6.863	-0.001	933786	50.0	44.7	M
1	7.134	7.134	0.000	1956687	50.0	41.5	M
1	7.520	7.518	0.002	2404945	50.0	45.1	M
1	8.399	8.395	0.004	1845608	50.0	44.7	M
1	9.025	9.020	0.005	1880371	50.0	44.2	M
1	9.574	9.572	0.002	4135331	50.0	44.1	M
1	10.084	10.082	0.002	2755543	50.0	45.0	M
1	10.693	10.693	0.000	1131002	50.0	46.3	M
		Average of Peak Amounts =				44.4	
2	5.681	5.681	0.000	3657869	50.0	47.5	M
2	6.449	6.450	-0.001	5987668	50.0	44.6	M
2	6.632	6.631	0.001	3415592	50.0	46.1	M
2	7.018	7.018	0.000	3696958	50.0	45.5	M
2	7.565	7.564	0.001	8112540	50.0	43.7	M
2	8.081	8.081	0.000	4175878	50.0	44.7	M
2	8.254	8.249	0.005	2562813	50.0	46.4	M
2	9.409	9.408	0.001	2755880	50.0	50.3	M
		Average of Peak Amounts =				46.1	
						RPD = 3.65	
$ 11 DCB Decachlorobiphenyl							M
1	11.189	11.191	-0.002	6531875	12.5	10.6	M
2	10.105	10.104	0.001	15305363	12.5	10.9	M
						RPD = 2.74	
S 12 Polychlorinated biphenyls, Total							
1						91.4	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1260ResPCB_00002	Amount Added:	1.00	Units: mL	
SG1660L1_00025	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

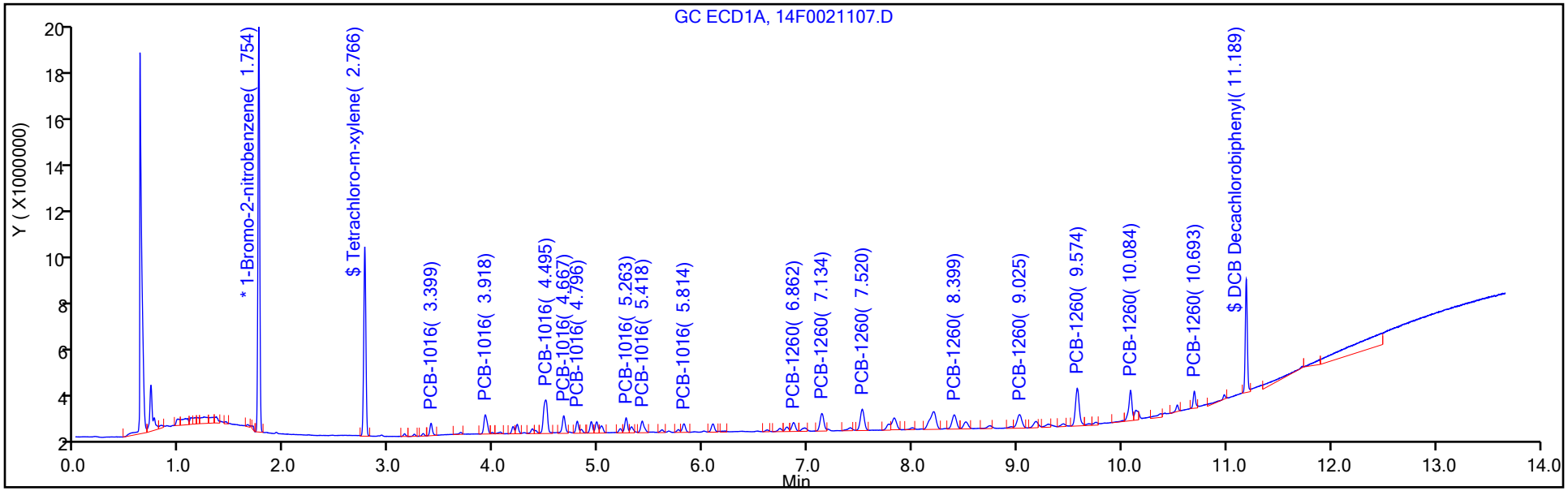
Report Date: 03-Mar-2022 11:14:03 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

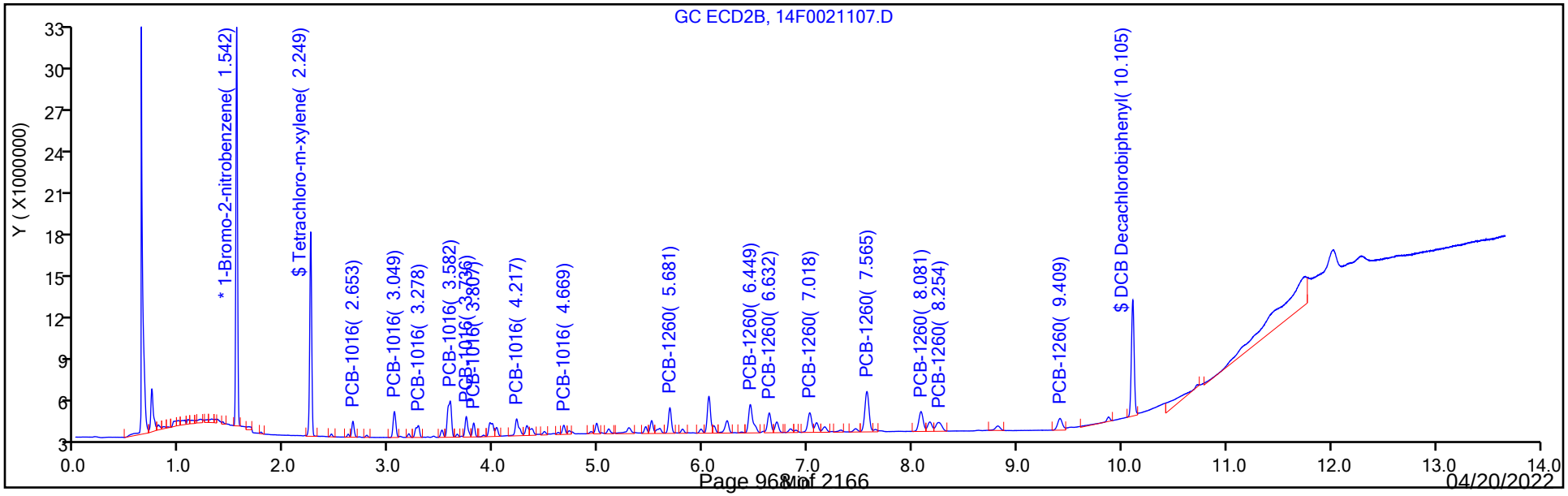
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021107.D

Injection Date:	02-Mar-2022 18:50:09	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

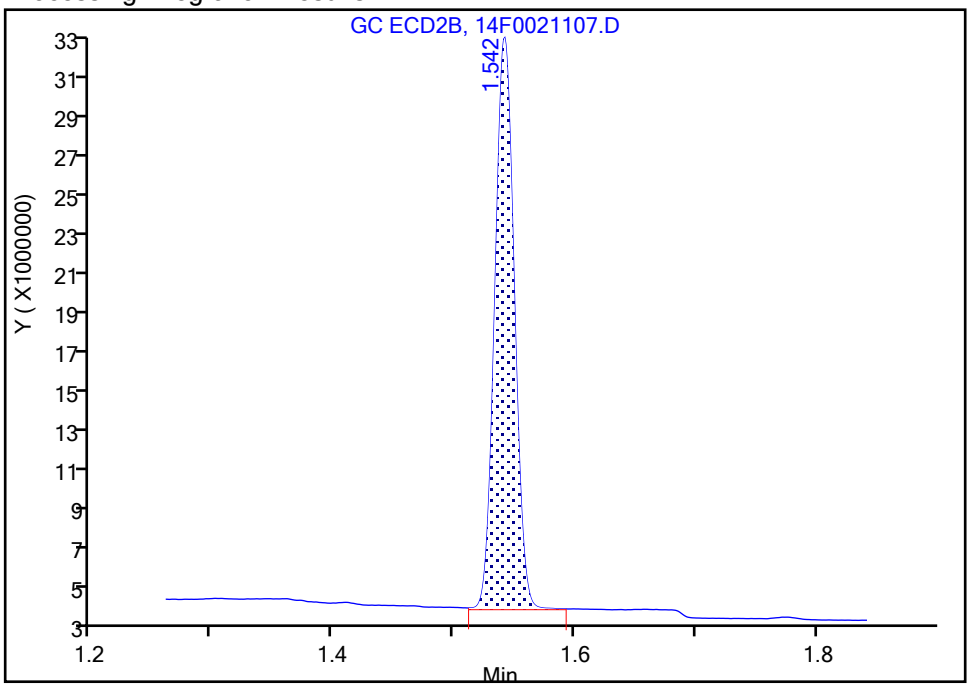
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021107.D
Injection Date: 02-Mar-2022 18:50:09 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

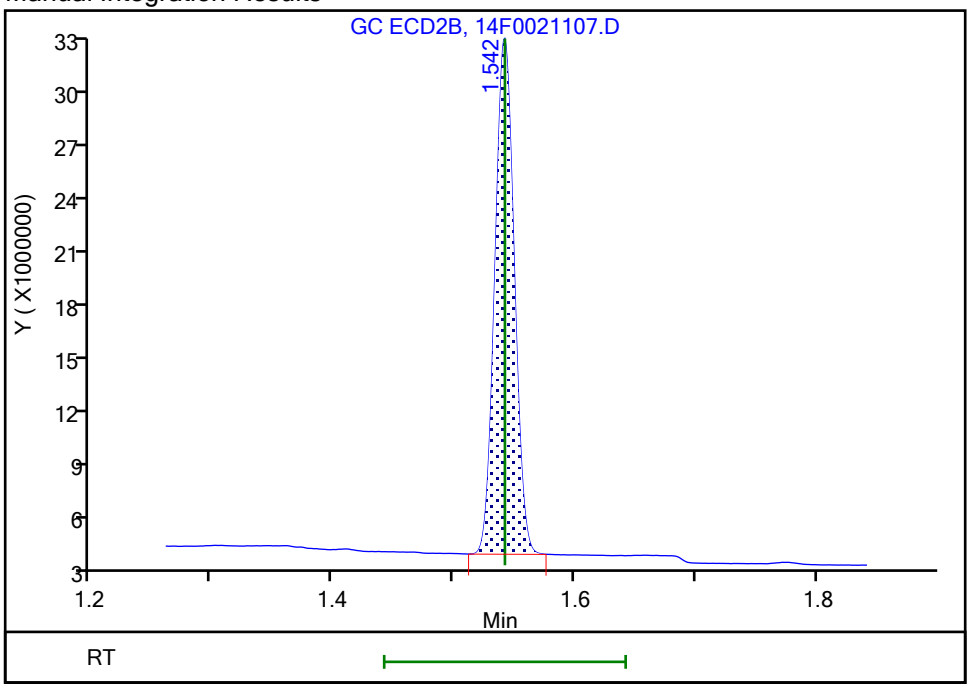
Processing Integration Results

RT: 1.54
Area: 31664853
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.54
Area: 31326700
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 03-Mar-2022 09:53:16
Audit Action: Manually Integrated Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

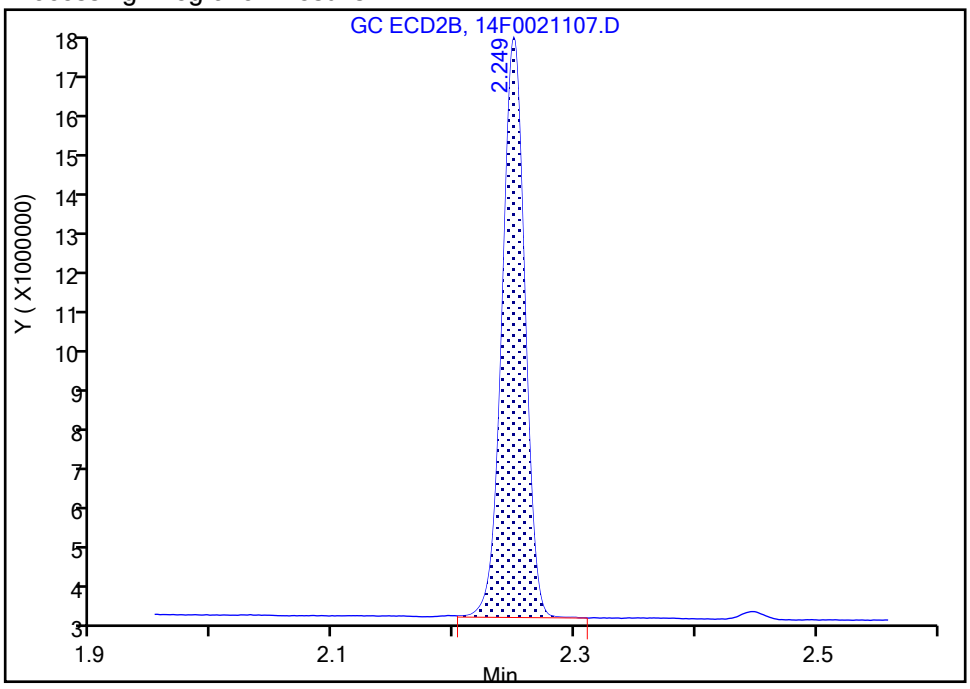
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021107.D
Injection Date: 02-Mar-2022 18:50:09 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

$ 2 Tetrachloro-m-xylene, CAS: 877-09-8

Signal: 2

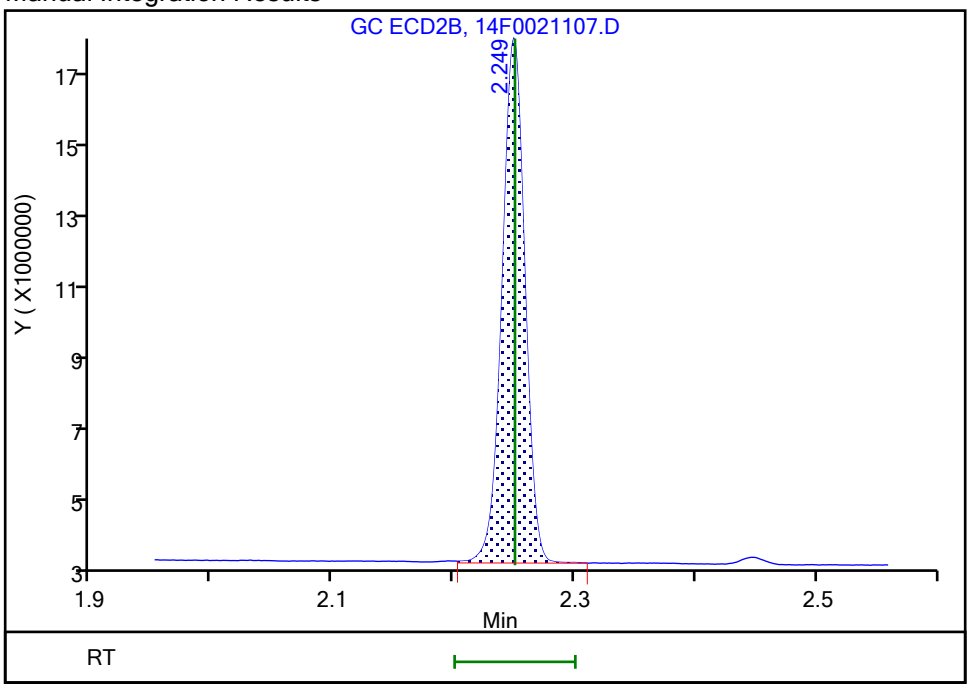
Processing Integration Results

RT: 2.25
Area: 18869410
Amount: 9.990943
Amount Units: ug/l



Manual Integration Results

RT: 2.25
Area: 18929962
Amount: 10.017865
Amount Units: ug/l



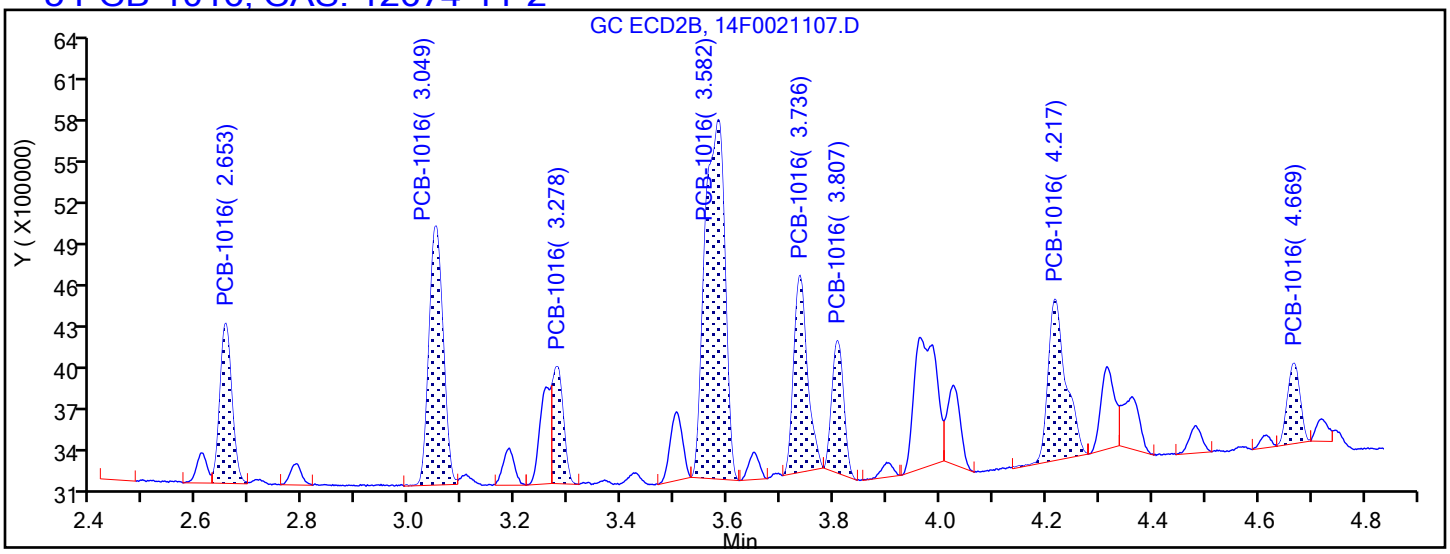
Reviewer: patelji, 03-Mar-2022 10:34:19
Audit Action: Assigned New Baseline Audit Reason: Sample matrix interference

Report Date: 03-Mar-2022 11:14:03 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

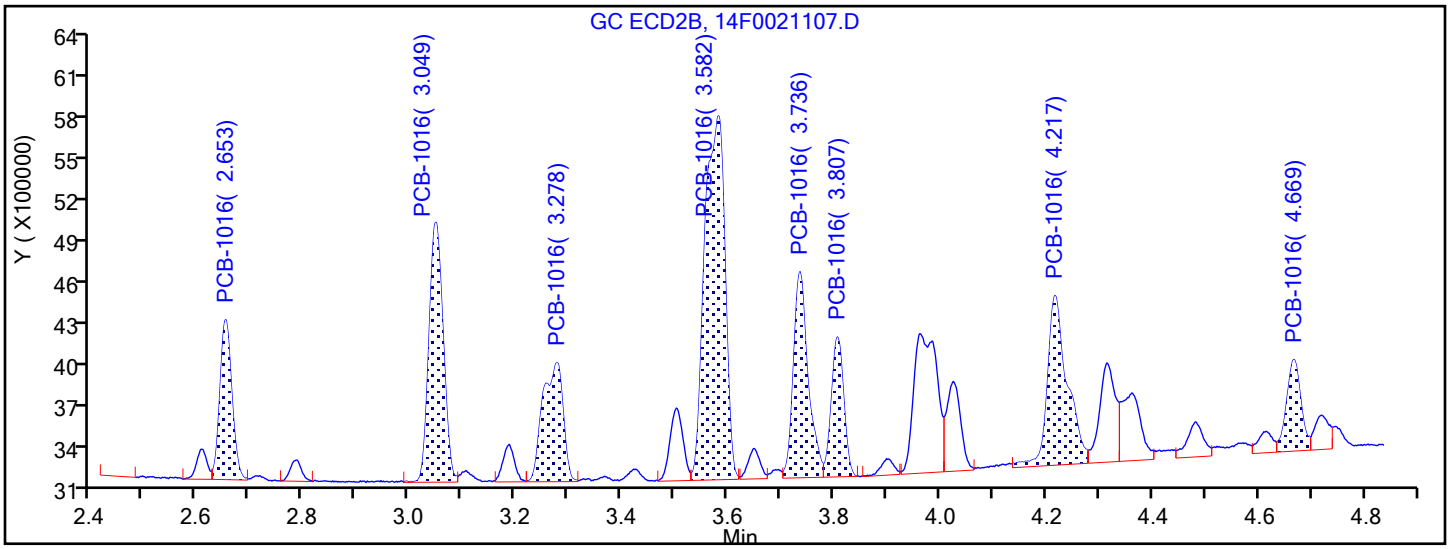
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021107.D
Injection Date: 02-Mar-2022 18:50:09 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.653	Response = 1761917
3.049	Response = 3361113
3.278	Response = 1143891
3.582	Response = 6594343
3.736	Response = 2467019
3.807	Response = 1424940
4.217	Response = 2633781
4.669	Response = 922731



Manual Integration Results

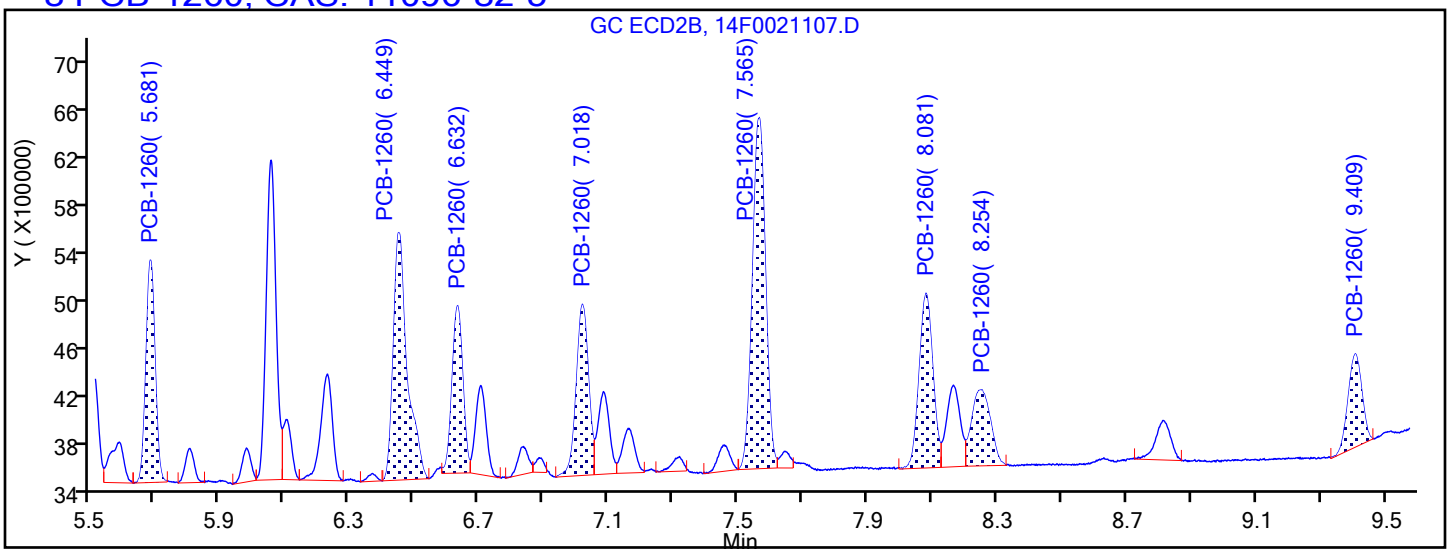
2.653	Response = 1761917	
3.049	Response = 3391454	M
3.278	Response = 2215291	M
3.582	Response = 6773404	M
3.736	Response = 2781277	M
3.807	Response = 1597345	M

Report Date: 03-Mar-2022 11:14:03 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

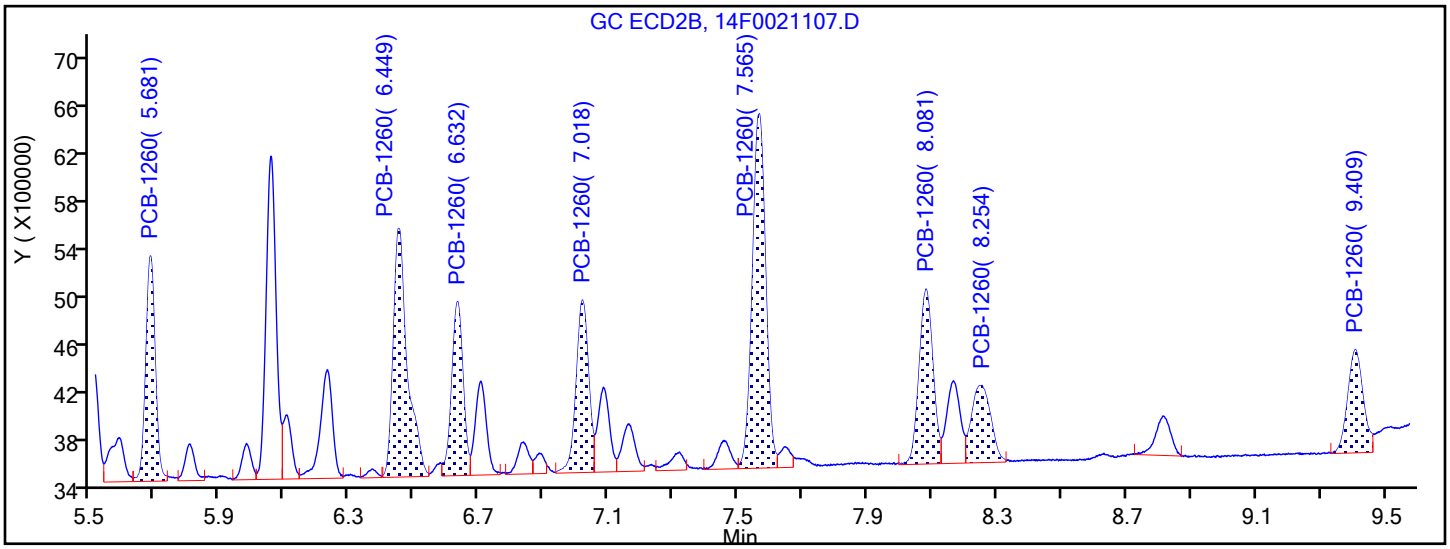
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021107.D
Injection Date: 02-Mar-2022 18:50:09 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.681	Response = 3487470
6.449	Response = 5869592
6.632	Response = 3113264
7.018	Response = 3618586
7.565	Response = 7882233
8.081	Response = 4144388
8.254	Response = 2483748
9.409	Response = 2208890



Manual Integration Results

5.681	Response = 3657869	M
6.449	Response = 5987668	M
6.632	Response = 3415592	M
7.018	Response = 3696958	M
7.565	Response = 8112540	M
8.081	Response = 4175878	M

Manual Integration/User Assign Peak Report

Eurofins Edison

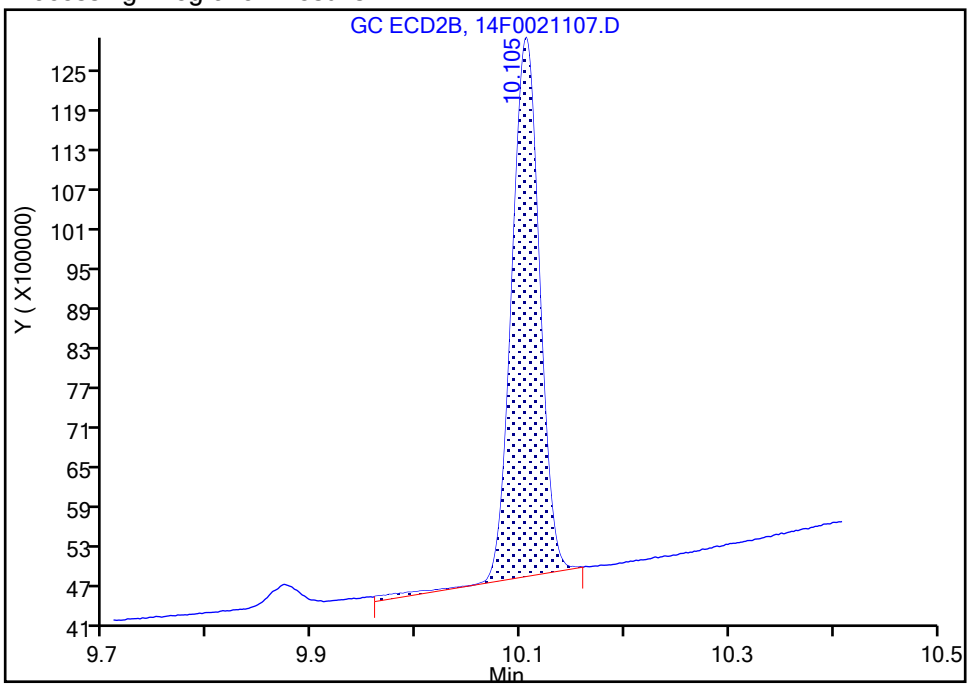
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021107.D
Injection Date: 02-Mar-2022 18:50:09 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

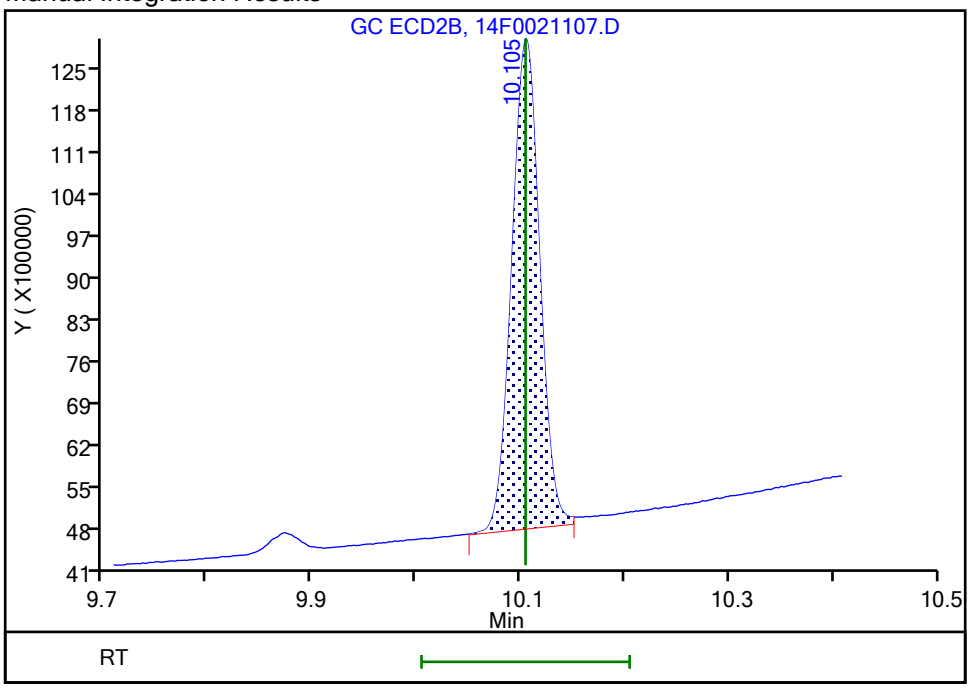
Processing Integration Results

RT: 10.11
Area: 15203513
Amount: 10.633371
Amount Units: ug/l



Manual Integration Results

RT: 10.11
Area: 15305363
Amount: 10.856982
Amount Units: ug/l



Reviewer: patelji, 03-Mar-2022 09:53:56
Audit Action: Manually Integrated Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021108.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 02-Mar-2022 19:06:45 ALS Bottle#: 7 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:06 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 09:56:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.755	1.753	0.002	19568447	20.0	20.0	
2	1.544	1.542	0.002	30477473	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.767	2.765	0.002	56535704	50.0	51.0	
2	2.252	2.250	0.002	94642862	50.0	51.5	
						RPD = 0.86	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.400	3.399	0.001	9433967	500.0	521.3	
1	3.919	3.917	0.002	19653806	500.0	513.4	M
1	4.497	4.495	0.002	40802859	500.0	505.8	M
1	4.668	4.667	0.001	15589632	500.0	501.4	M
1	4.796	4.795	0.001	9775194	500.0	507.8	M
1	5.264	5.262	0.002	12596609	500.0	510.1	M
1	5.418	5.416	0.002	12323822	500.0	509.4	M
1	5.817	5.814	0.003	8263637	500.0	511.7	M
		Average of Peak Amounts =				510.1	
2	2.655	2.653	0.002	16849755	500.0	512.6	
2	3.051	3.049	0.002	34855732	500.0	519.4	
2	3.280	3.278	0.002	22831250	500.0	517.1	M
2	3.584	3.583	0.001	75633579	500.0	513.7	
2	3.738	3.736	0.002	30186477	500.0	517.3	
2	3.809	3.807	0.002	17796032	500.0	514.3	
2	4.219	4.218	0.001	29106157	500.0	509.8	
2	4.670	4.668	0.002	12080138	500.0	519.0	
		Average of Peak Amounts =				515.4	
						RPD = 1.03	
8 PCB-1260							M
1	6.865	6.863	0.002	10419994	500.0	514.1	M
1	7.135	7.134	0.001	23886939	500.0	521.9	M
1	7.519	7.518	0.001	26389407	500.0	509.7	M
1	8.397	8.395	0.002	20432617	500.0	510.1	M
1	9.023	9.020	0.003	20883867	500.0	506.4	M
1	9.574	9.572	0.002	45306010	500.0	498.4	M
1	10.082	10.082	0.000	29504318	500.0	496.3	M
1	10.691	10.693	-0.002	11762786	500.0	495.7	
		Average of Peak Amounts =				506.6	
2	5.684	5.681	0.003	38423042	500.0	512.6	
2	6.451	6.450	0.001	66765554	500.0	511.2	M
2	6.633	6.631	0.002	36831933	500.0	511.0	M
2	7.020	7.018	0.002	40478332	500.0	512.2	M
2	7.566	7.564	0.002	92098797	500.0	509.8	M
2	8.084	8.081	0.003	46400268	500.0	510.6	M
2	8.252	8.249	0.003	27592177	500.0	514.0	M
2	9.410	9.408	0.002	26664360	500.0	500.0	M
		Average of Peak Amounts =				510.2	
						RPD = 0.70	
$ 11 DCB Decachlorobiphenyl							M
1	11.188	11.191	-0.003	30115697	50.0	50.2	M
2	10.105	10.104	0.001	70588932	50.0	51.5	M
						RPD = 2.51	
S 12 Polychlorinated biphenyls, Total							
1						1016.7	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1660L2_00034	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

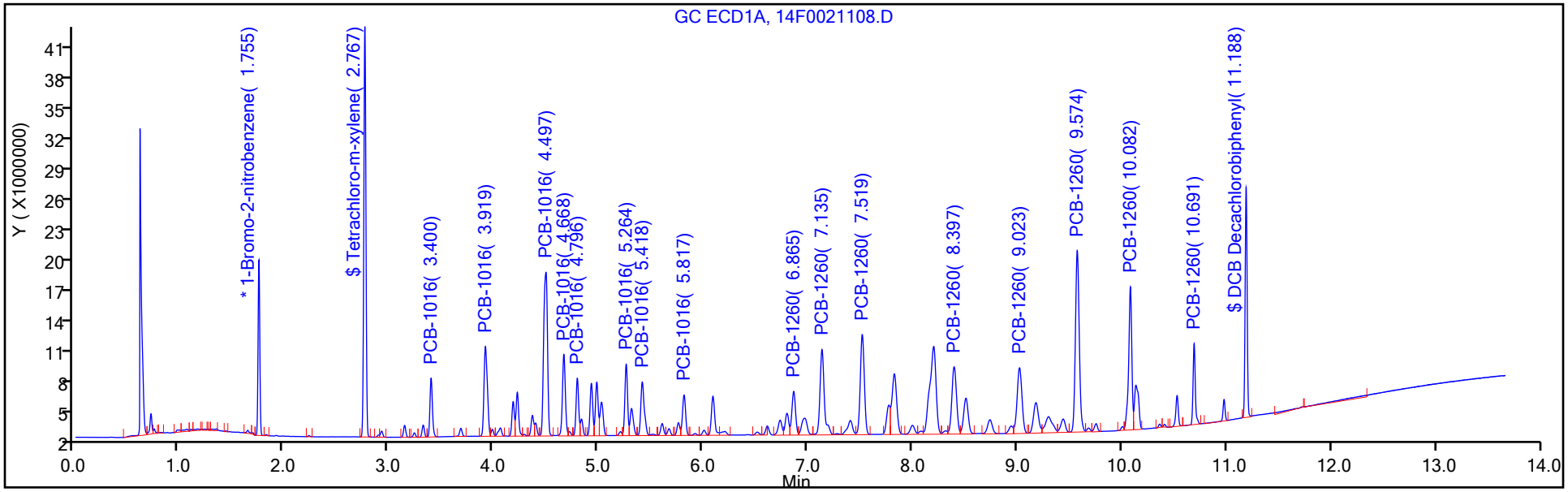
Report Date: 03-Mar-2022 11:14:07 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

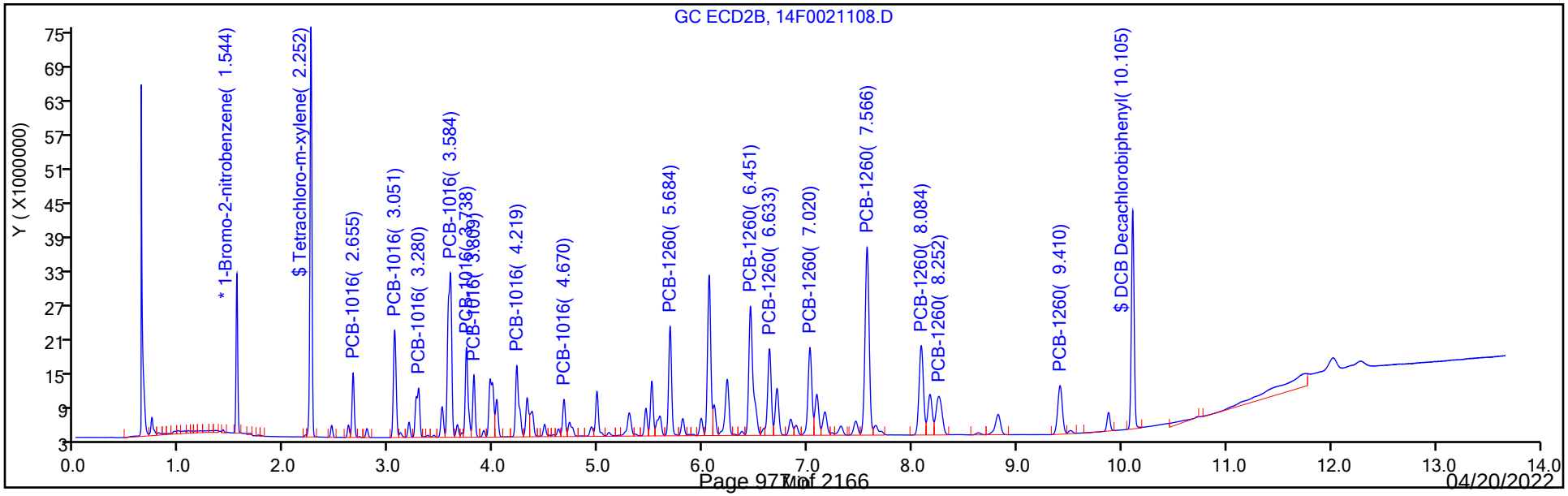
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021108.D

Injection Date:	02-Mar-2022 19:06:45	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

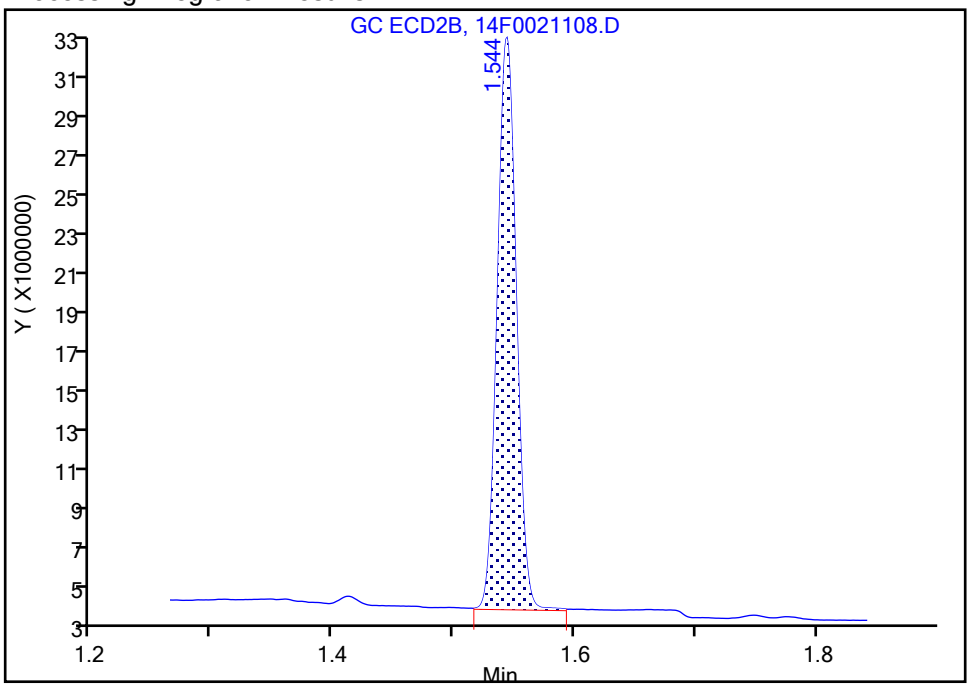
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021108.D
Injection Date: 02-Mar-2022 19:06:45 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

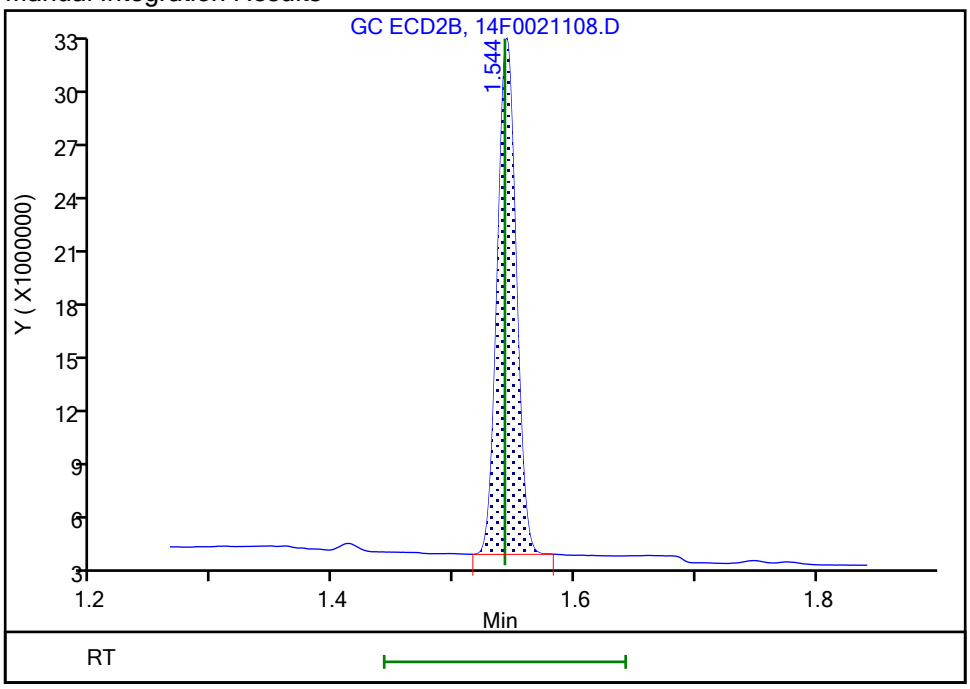
Processing Integration Results

RT: 1.54
Area: 30844462
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.54
Area: 30477473
Amount: 20.000000
Amount Units: ug/l



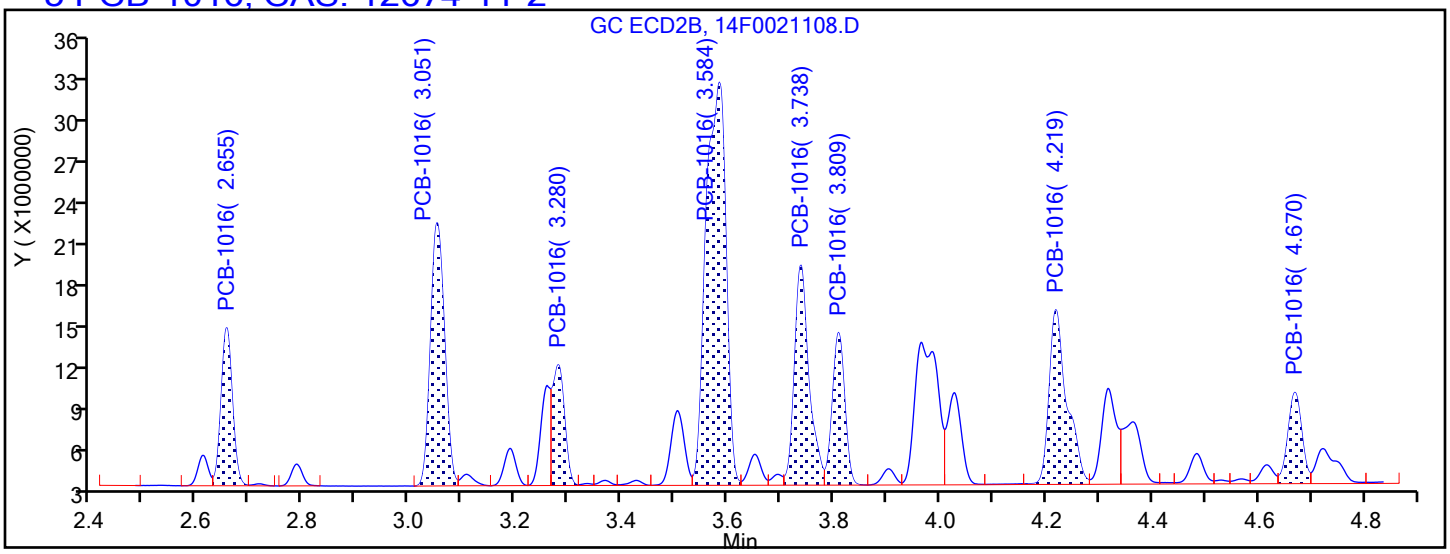
Reviewer: patelji, 03-Mar-2022 09:55:47
Audit Action: Manually Integrated Audit Reason: Peak not integrated

Report Date: 03-Mar-2022 11:14:07 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

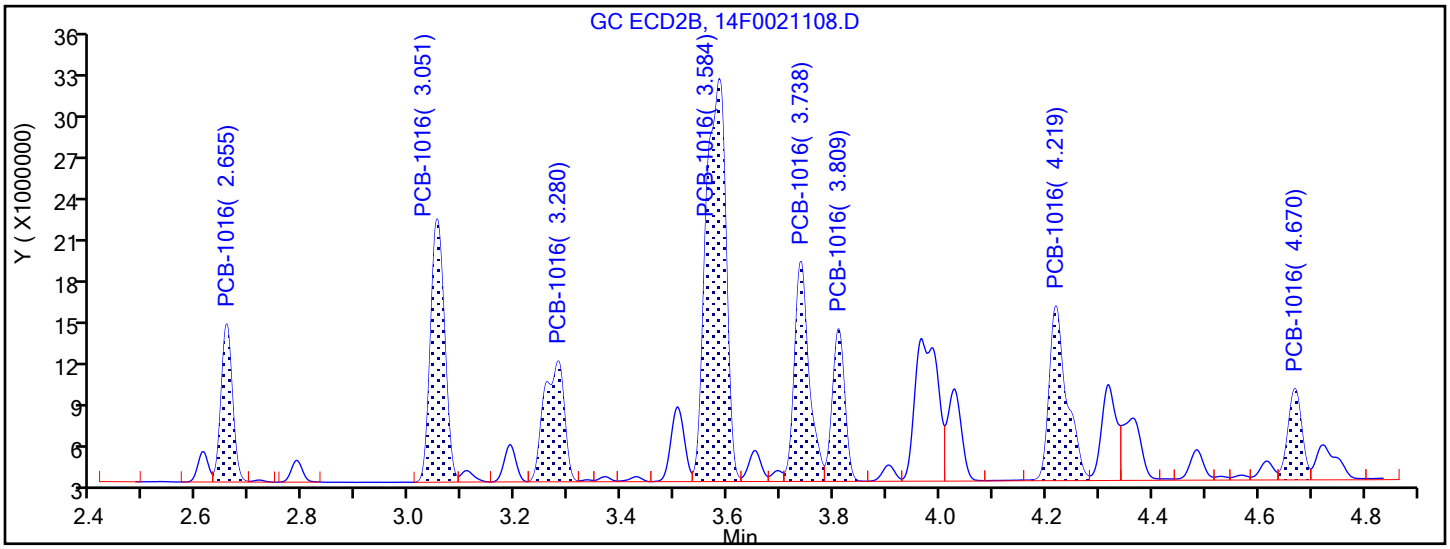
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021108.D
Injection Date: 02-Mar-2022 19:06:45 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.655	Response = 16849755
3.051	Response = 34855732
3.280	Response = 13660817
3.584	Response = 75633579
3.738	Response = 30186477
3.809	Response = 17796032
4.219	Response = 29106157
4.670	Response = 12080138



Manual Integration Results

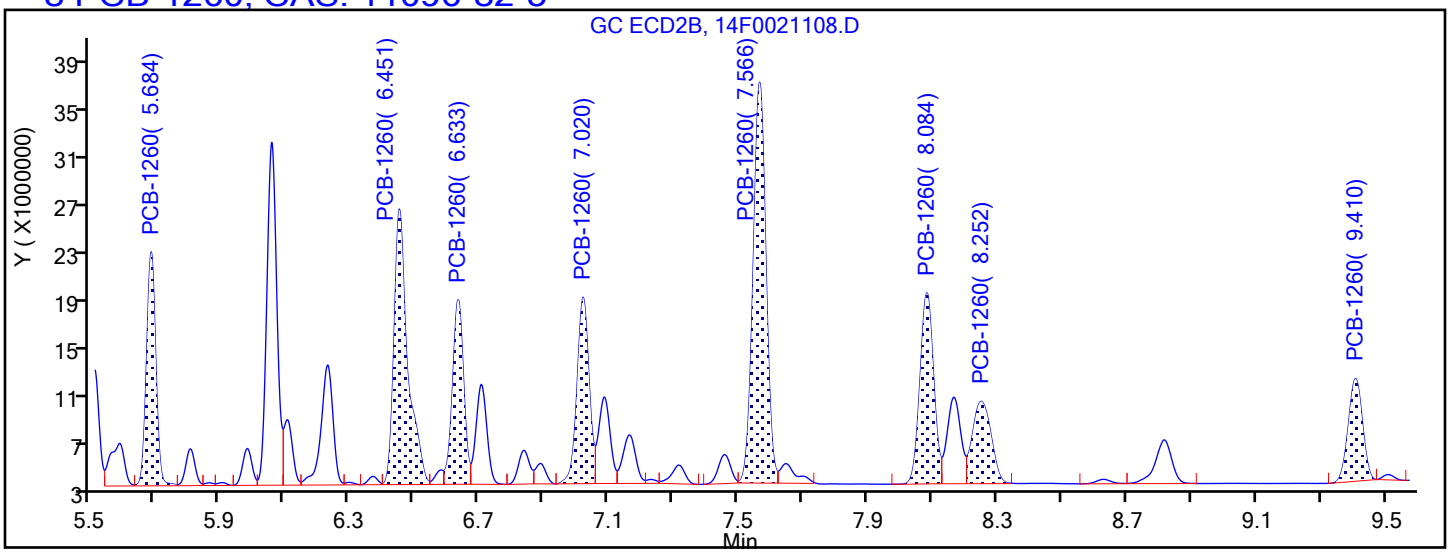
2.655	Response = 16849755	
3.051	Response = 34855732	
3.280	Response = 22831250	M
3.584	Response = 75633579	
3.738	Response = 30186477	
3.809	Response = 17796032	

Report Date: 03-Mar-2022 11:14:07 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

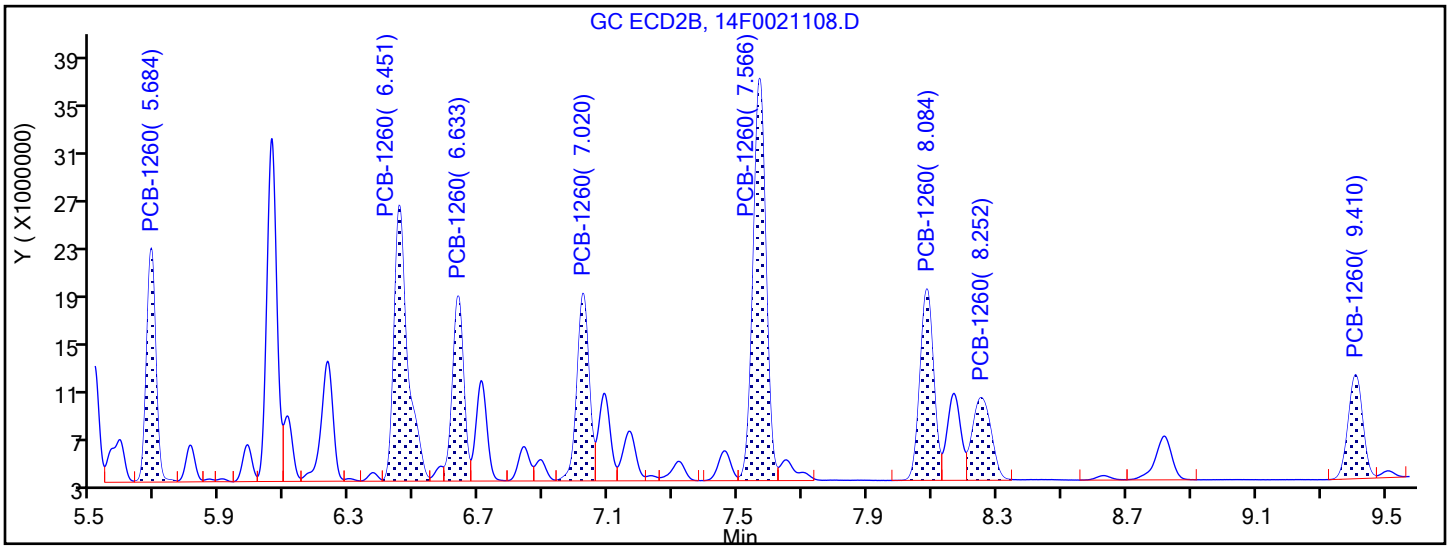
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021108.D
Injection Date: 02-Mar-2022 19:06:45 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.684	Response = 38423042
6.451	Response = 66534312
6.633	Response = 36600178
7.020	Response = 39928387
7.566	Response = 91301688
8.084	Response = 46310927
8.252	Response = 27341798
9.410	Response = 25857619



Manual Integration Results

5.684	Response = 38423042	
6.451	Response = 66765554	M
6.633	Response = 36831933	M
7.020	Response = 40478332	M
7.566	Response = 92098797	M
8.084	Response = 46400268	M

Manual Integration/User Assign Peak Report

Eurofins Edison

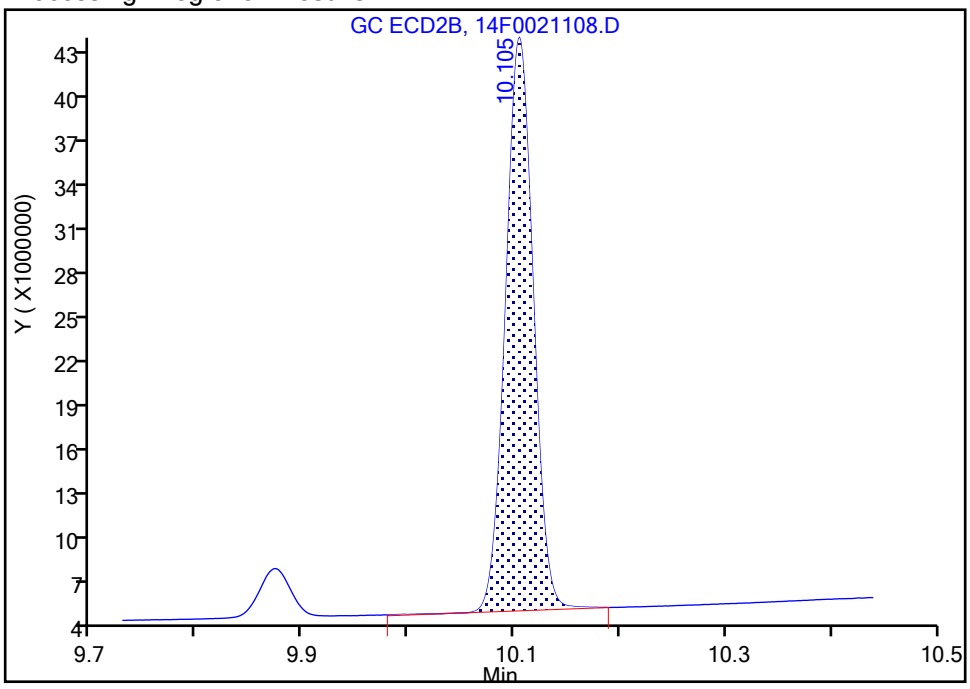
Data File:	\\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021108.D				
Injection Date:	02-Mar-2022 19:06:45	Instrument ID:	CPESTGC14		
Lims ID:	IC PCB				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLP Pest 2 (0.53 mm)	Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

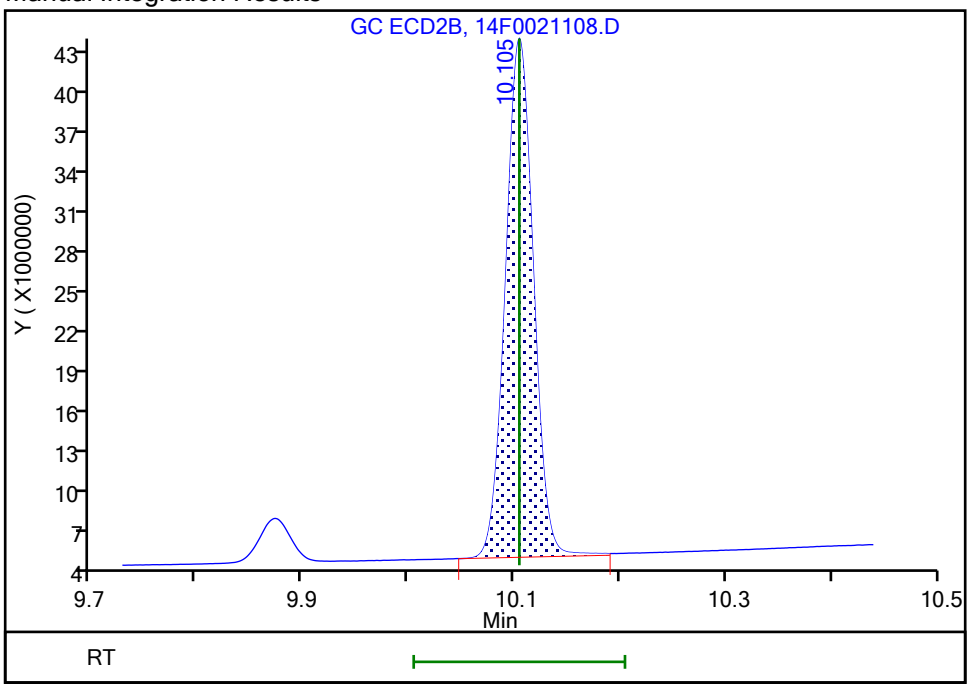
Processing Integration Results

RT: 10.10
Area: 70175711
Amount: 50.270655
Amount Units: ug/l



Manual Integration Results

RT: 10.10
Area: 70588932
Amount: 51.468058
Amount Units: ug/l



Reviewer: patelji, 03-Mar-2022 09:55:59

Audit Action: Manually Integrated Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021110.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 02-Mar-2022 19:39:54 ALS Bottle#: 9 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:10 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 09:56:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.753	1.753	0.000	18431810	20.0	20.0	
2	1.543	1.542	0.001	29377952	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.767	2.765	0.002	215153659	200.0	206.2	
2	2.252	2.250	0.002	369258444	200.0	208.4	
						RPD = 1.04	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.399	3.399	0.000	41684450	2500.0	2445.6	
1	3.918	3.917	0.001	87362296	2500.0	2422.9	
1	4.496	4.495	0.001	186160388	2500.0	2449.9	M
1	4.667	4.667	0.000	69942781	2500.0	2388.2	M
1	4.795	4.795	0.000	44507512	2500.0	2454.5	M
1	5.263	5.262	0.001	56338411	2500.0	2422.3	M
1	5.416	5.416	0.000	55255893	2500.0	2424.7	M
1	5.815	5.814	0.001	36845942	2500.0	2422.4	M
		Average of Peak Amounts =				2428.8	
2	2.654	2.653	0.001	73946586	2500.0	2334.0	
2	3.051	3.049	0.002	154861568	2500.0	2394.2	M
2	3.280	3.278	0.002	102922466	2500.0	2418.3	M
2	3.585	3.583	0.002	353320075	2500.0	2489.8	M
2	3.738	3.736	0.002	137899856	2500.0	2451.5	M
2	3.809	3.807	0.002	83010326	2500.0	2488.7	M
2	4.219	4.218	0.001	129587372	2500.0	2354.8	M
2	4.670	4.668	0.002	52808719	2500.0	2353.8	M
		Average of Peak Amounts =				2410.6	
						RPD = 0.75	
8 PCB-1260							M
1	6.863	6.863	0.000	47001674	2500.0	2461.9	M
1	7.134	7.134	0.000	107713783	2500.0	2498.7	M
1	7.520	7.518	0.002	119132050	2500.0	2442.9	M
1	8.399	8.395	0.004	92154795	2500.0	2442.7	M
1	9.022	9.020	0.002	95648062	2500.0	2462.3	M
1	9.575	9.572	0.003	213142479	2500.0	2489.5	M
1	10.082	10.082	0.000	138774586	2500.0	2478.1	
1	10.688	10.693	-0.005	55087921	2500.0	2464.8	M
		Average of Peak Amounts =				2467.6	
2	5.683	5.681	0.002	176346028	2500.0	2440.5	M
2	6.452	6.450	0.002	312781226	2500.0	2484.4	M
2	6.633	6.631	0.002	170613079	2500.0	2455.7	M
2	7.019	7.018	0.001	187597182	2500.0	2462.5	M
2	7.566	7.564	0.002	435818899	2500.0	2502.9	M
2	8.083	8.081	0.002	217307187	2500.0	2481.0	M
2	8.252	8.249	0.003	126961128	2500.0	2453.5	M
2	9.409	9.408	0.001	124459978	2500.0	2421.0	M
		Average of Peak Amounts =				2462.7	
						RPD = 0.20	
$ 11 DCB Decachlorobiphenyl							M
1	11.183	11.191	-0.008	117291363	200.0	207.5	
2	10.104	10.104	0.000	273937942	200.0	207.2	M
						RPD = 0.16	
S 12 Polychlorinated biphenyls, Total							
1						4896.4	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1660L5_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

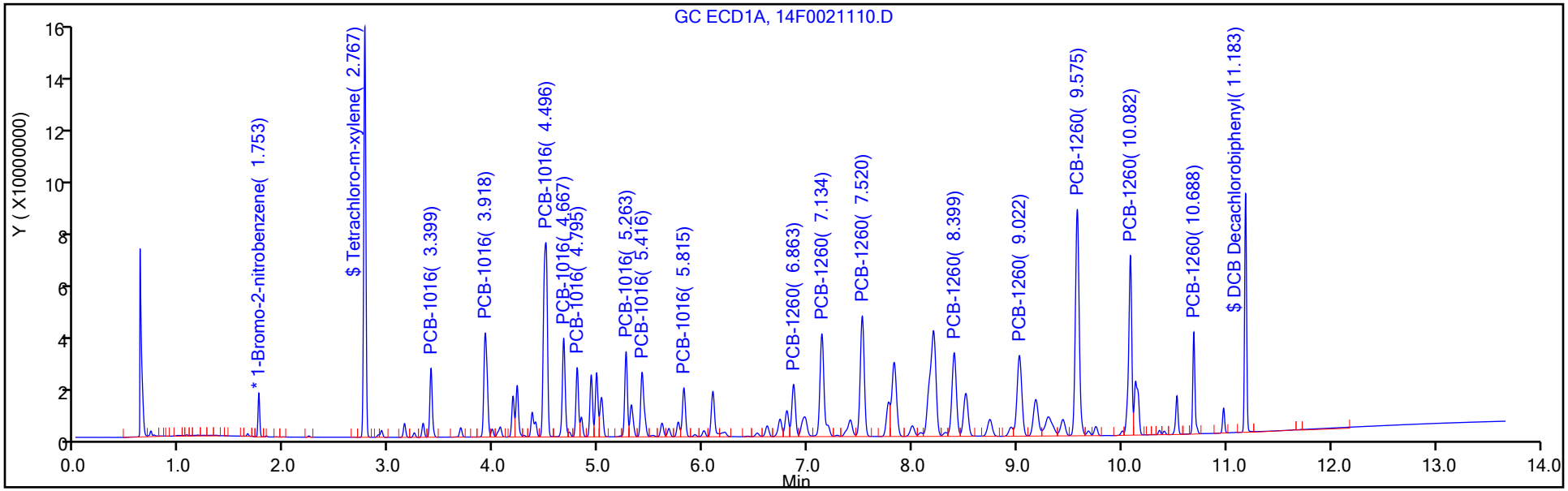
Report Date: 03-Mar-2022 11:14:11 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

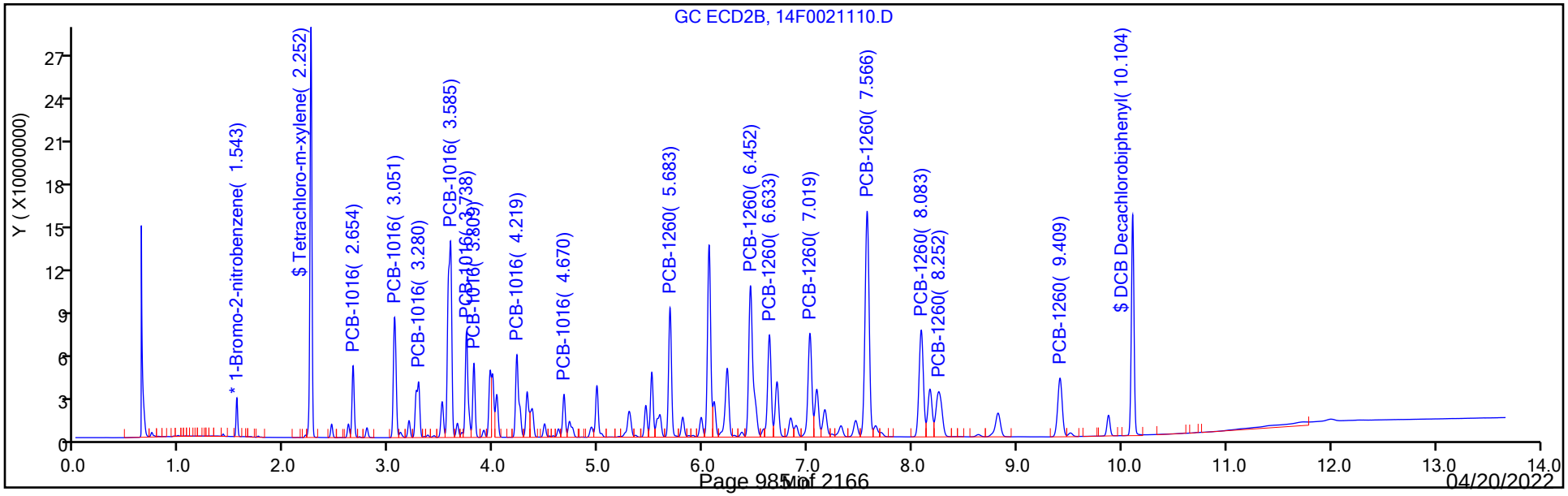
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021110.D

Injection Date:	02-Mar-2022 19:39:54	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)

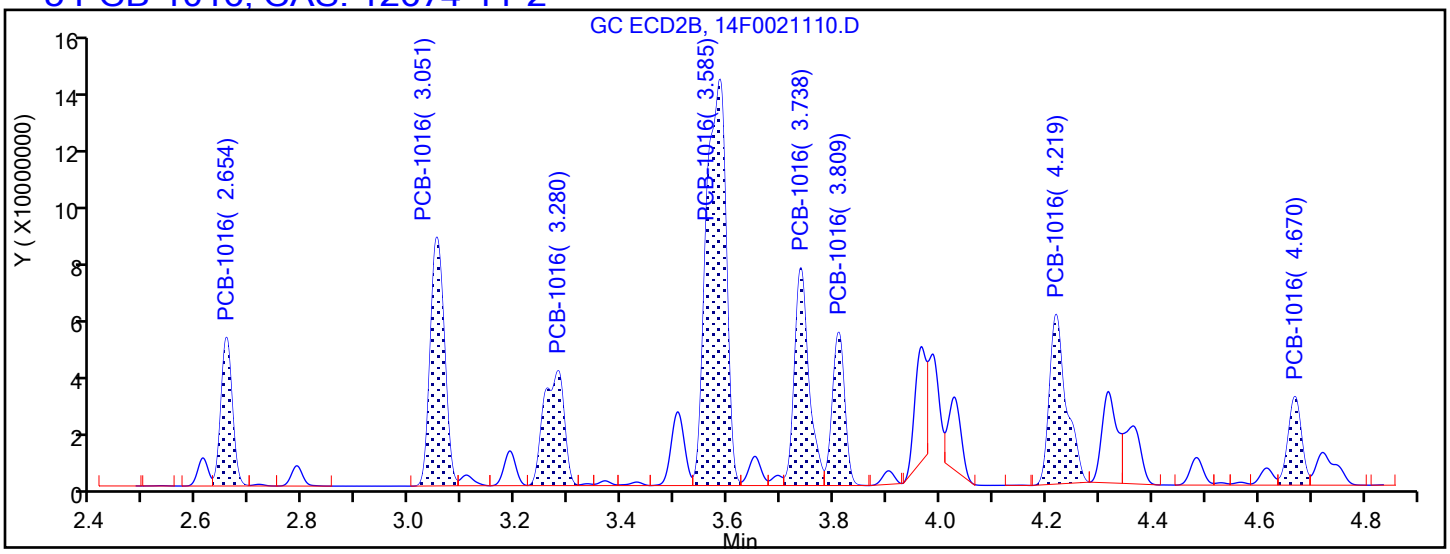


Report Date: 03-Mar-2022 11:14:11 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

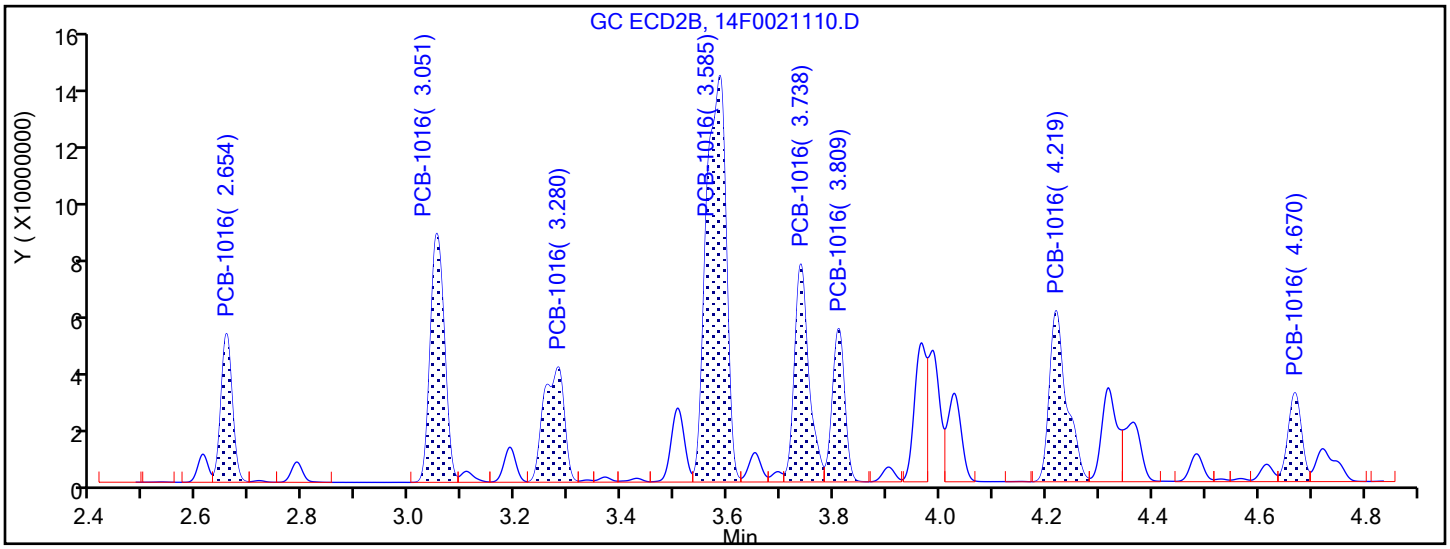
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021110.D
Injection Date: 02-Mar-2022 19:39:54 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.654	Response = 73946586
3.051	Response = 154611421
3.280	Response = 102267719
3.585	Response = 352894416
3.738	Response = 137673483
3.809	Response = 82833094
4.219	Response = 125875716
4.670	Response = 52538083



Manual Integration Results

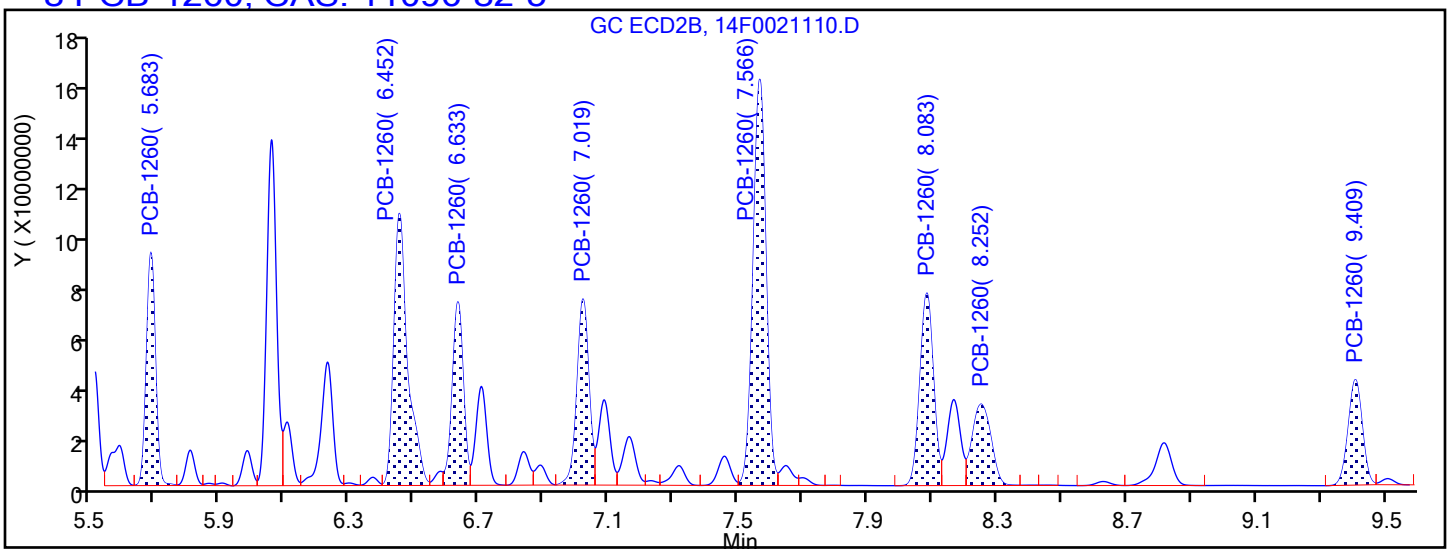
2.654	Response = 73946586	
3.051	Response = 154861568	M
3.280	Response = 102922466	M
3.585	Response = 353320075	M
3.738	Response = 137899856	M
3.809	Response = 83010326	M

Report Date: 03-Mar-2022 11:14:11 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

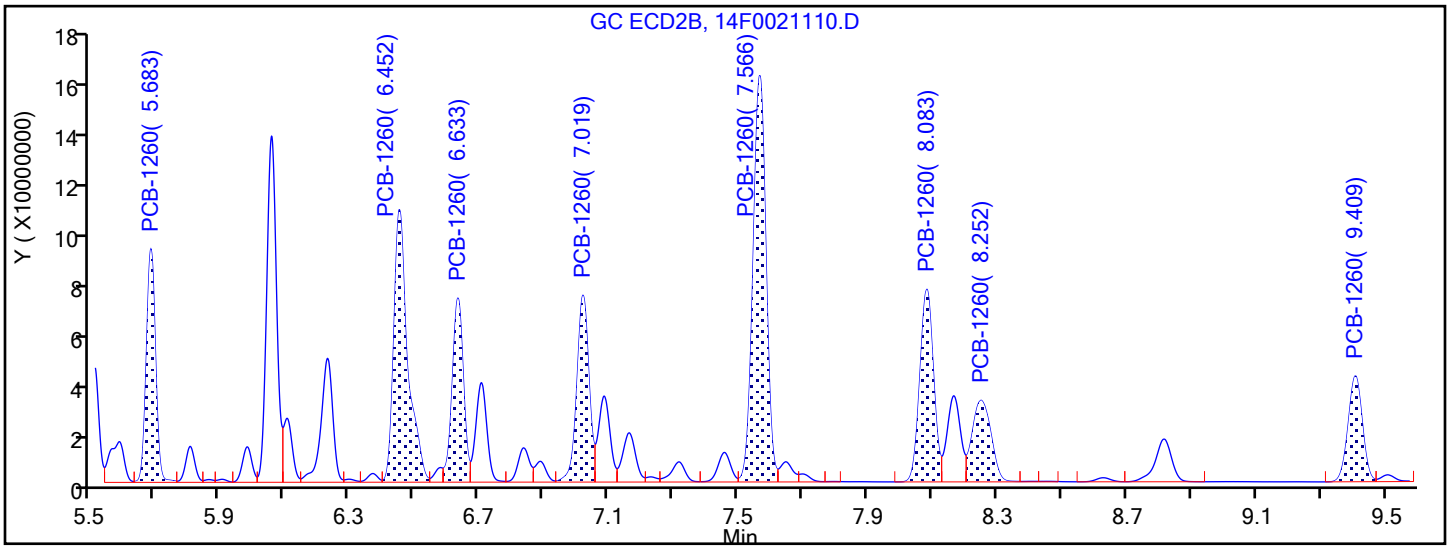
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021110.D
Injection Date: 02-Mar-2022 19:39:54 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.683	Response = 174608601
6.452	Response = 311083068
6.633	Response = 169419312
7.019	Response = 185359875
7.566	Response = 434935120
8.083	Response = 217104769
8.252	Response = 126435043
9.409	Response = 123149096



Manual Integration Results

5.683	Response = 176346028	M
6.452	Response = 312781226	M
6.633	Response = 170613079	M
7.019	Response = 187597182	M
7.566	Response = 435818899	M
8.083	Response = 217307187	M

Manual Integration/User Assign Peak Report

Eurofins Edison

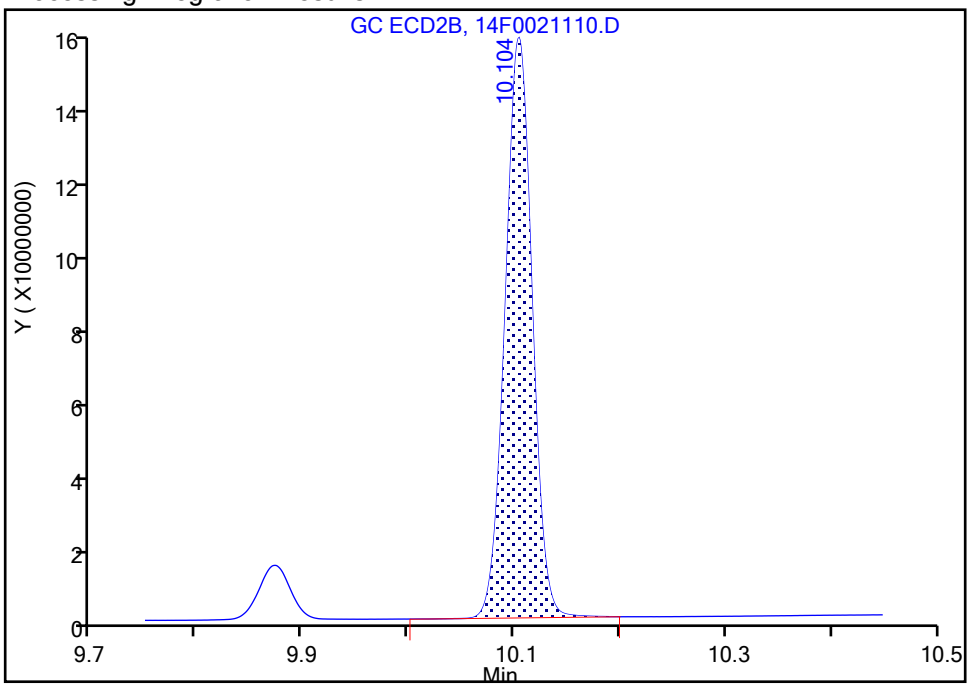
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021110.D
Injection Date: 02-Mar-2022 19:39:54 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

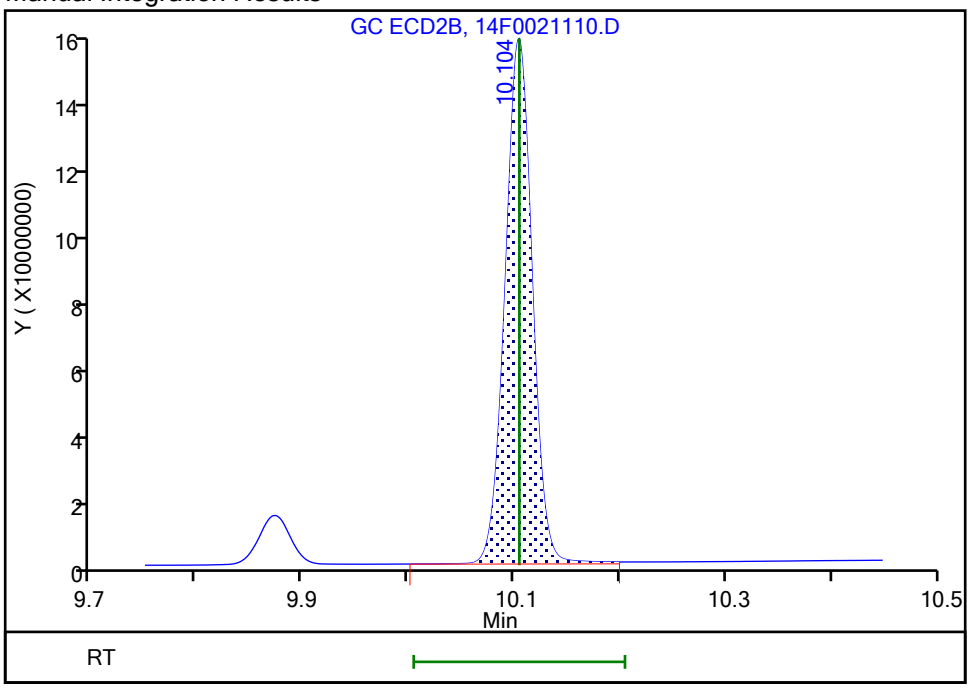
Processing Integration Results

RT: 10.10
Area: 270716332
Amount: 200.9489
Amount Units: ug/l



Manual Integration Results

RT: 10.10
Area: 273937942
Amount: 207.2100
Amount Units: ug/l



Reviewer: patelji, 03-Mar-2022 09:56:31
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 03-Mar-2022 10:07:21 ALS Bottle#: 2 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: PCB
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:36 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:23:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.749	1.754	-0.005	20765467	20.0	20.0	M
2	1.539	1.543	-0.004	35530340	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.761	2.765	-0.004	198959608	150.0	169.3	
2	2.246	2.250	-0.004	353625172	150.0	165.0	M
						RPD = 2.55	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.394	3.399	-0.005	30593627	1500.0	1593.2	
1	3.912	3.917	-0.005	66981947	1500.0	1648.9	
1	4.490	4.495	-0.005	143904240	1500.0	1681.0	
1	4.662	4.667	-0.005	53766969	1500.0	1629.5	
1	4.790	4.795	-0.005	34345423	1500.0	1681.2	
1	5.257	5.262	-0.005	43674178	1500.0	1666.7	
1	5.410	5.416	-0.006	42494310	1500.0	1655.1	
1	5.810	5.814	-0.004	28747096	1500.0	1677.6	
		Average of Peak Amounts =				1654.2	
2	2.648	2.653	-0.005	59653768	1500.0	1556.8	
2	3.044	3.049	-0.005	122995849	1500.0	1572.3	
2	3.273	3.278	-0.005	81435846	1500.0	1582.1	
2	3.578	3.583	-0.005	283199717	1500.0	1650.1	
2	3.730	3.736	-0.006	110417745	1500.0	1623.0	
2	3.802	3.807	-0.005	66692565	1500.0	1653.2	
2	4.212	4.218	-0.006	103486007	1500.0	1554.8	M
2	4.663	4.668	-0.005	42478557	1500.0	1565.5	M
		Average of Peak Amounts =				1594.7	
						RPD = 3.66	
8 PCB-1260							
1	6.855	6.863	-0.008	36277751	1500.0	1686.7	
1	7.127	7.134	-0.007	83007814	1500.0	1709.2	
1	7.510	7.518	-0.008	92813249	1500.0	1689.4	
1	8.389	8.395	-0.006	72059955	1500.0	1695.4	
1	9.013	9.020	-0.007	74452158	1500.0	1701.2	
1	9.566	9.572	-0.006	165300560	1500.0	1713.7	
1	10.074	10.082	-0.008	107702809	1500.0	1707.1	
1	10.682	10.693	-0.011	42752267	1500.0	1697.9	
		Average of Peak Amounts =				1700.1	
2	5.676	5.681	-0.005	141061107	1500.0	1614.1	
2	6.444	6.450	-0.006	251899267	1500.0	1654.4	
2	6.624	6.631	-0.007	137616582	1500.0	1637.8	
2	7.011	7.018	-0.007	150714567	1500.0	1635.8	
2	7.556	7.564	-0.008	350984548	1500.0	1666.6	
2	8.074	8.081	-0.007	175326812	1500.0	1655.1	
2	8.241	8.249	-0.008	101622840	1500.0	1623.8	
2	9.400	9.408	-0.008	99224422	1500.0	1595.9	
		Average of Peak Amounts =				1635.4	
						RPD = 3.88	
$ 11 DCB Decachlorobiphenyl							
1	11.174	11.191	-0.017	108753747	150.0	170.8	
2	10.097	10.104	-0.007	261216131	150.0	163.4	
						RPD = 4.45	
S 12 Polychlorinated biphenyls, Total							
1						3354.2	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1660L4_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

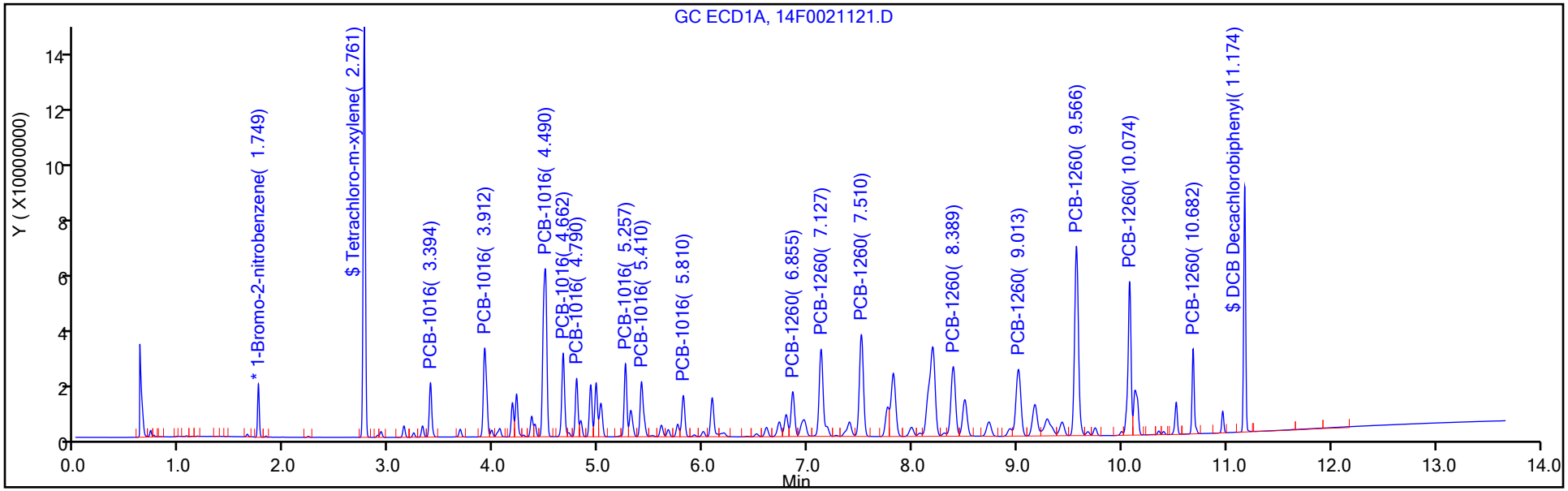
Report Date: 03-Mar-2022 11:14:36 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

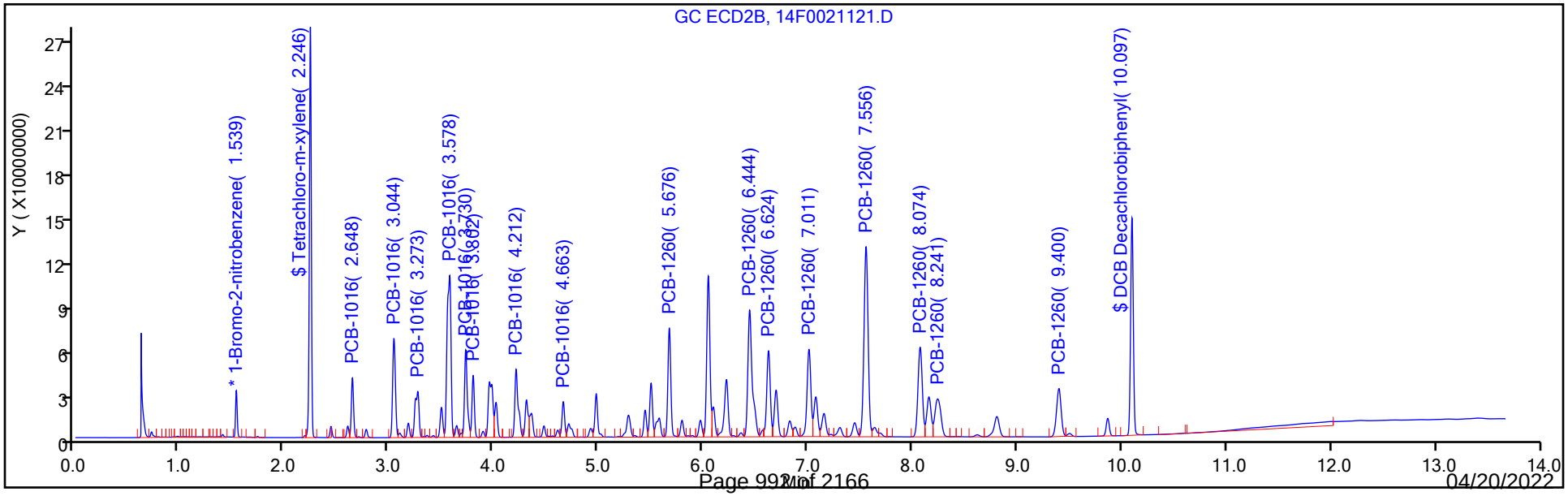
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Injection Date:	03-Mar-2022 10:07:21	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	17
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

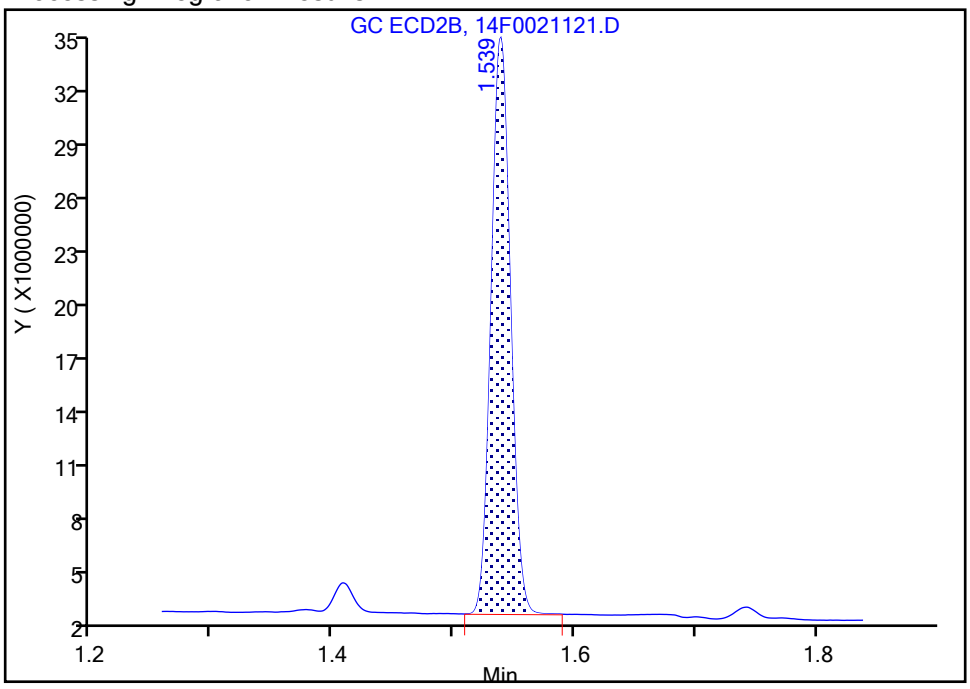
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D
Injection Date: 03-Mar-2022 10:07:21 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

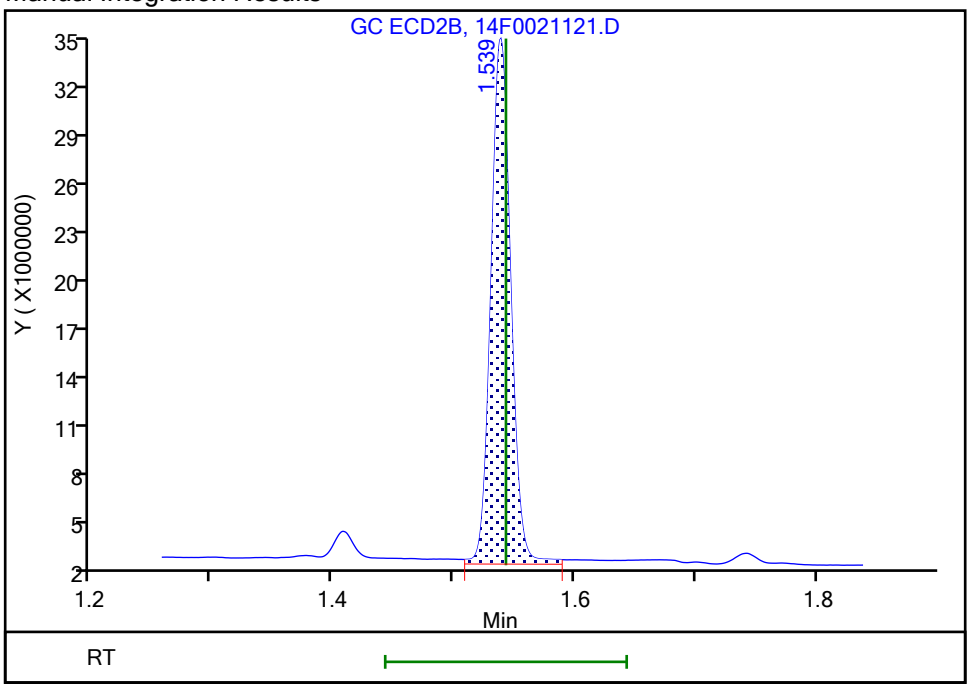
Processing Integration Results

RT: 1.54
Area: 34333280
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.54
Area: 35530340
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 03-Mar-2022 10:24:05
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

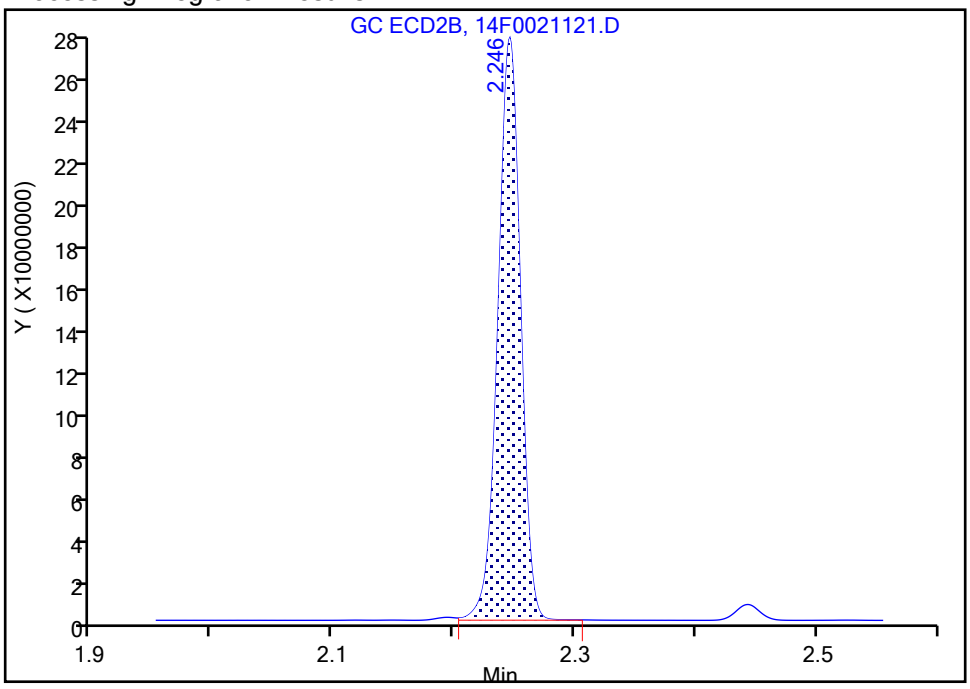
Data File:	\\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D				
Injection Date:	03-Mar-2022 10:07:21	Instrument ID:	CPESTGC14		
Lims ID:	IC PCB				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLP Pest 2 (0.53 mm)	Detector	GC ECD2B		

$ 2 Tetrachloro-m-xylene, CAS: 877-09-8

Signal: 2

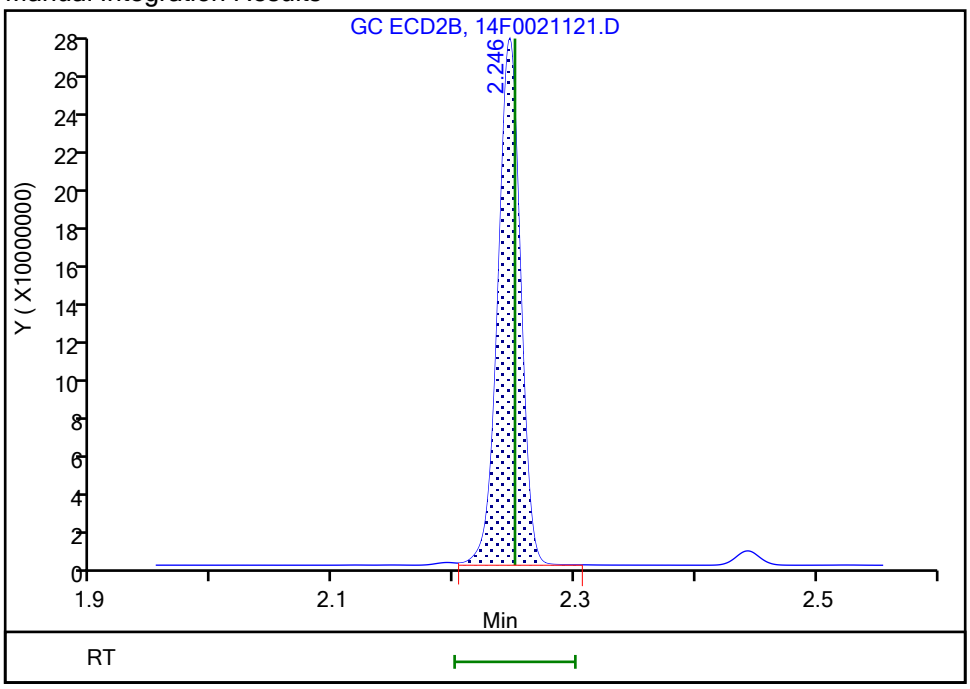
Processing Integration Results

RT: 2.25
Area: 353152342
Amount: 161.3246
Amount Units: ug/l



Manual Integration Results

RT: 2.25
Area: 353625172
Amount: 165.0000
Amount Units: ug/l



Reviewer: patelji, 03-Mar-2022 10:24:07

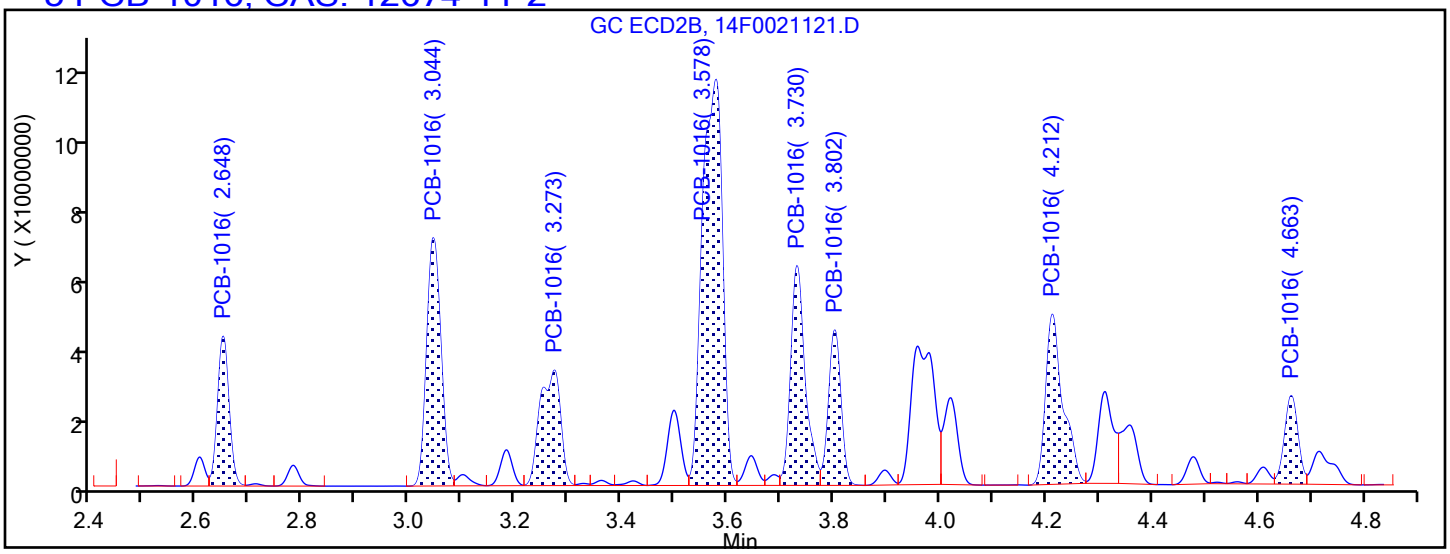
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Report Date: 03-Mar-2022 11:14:37 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

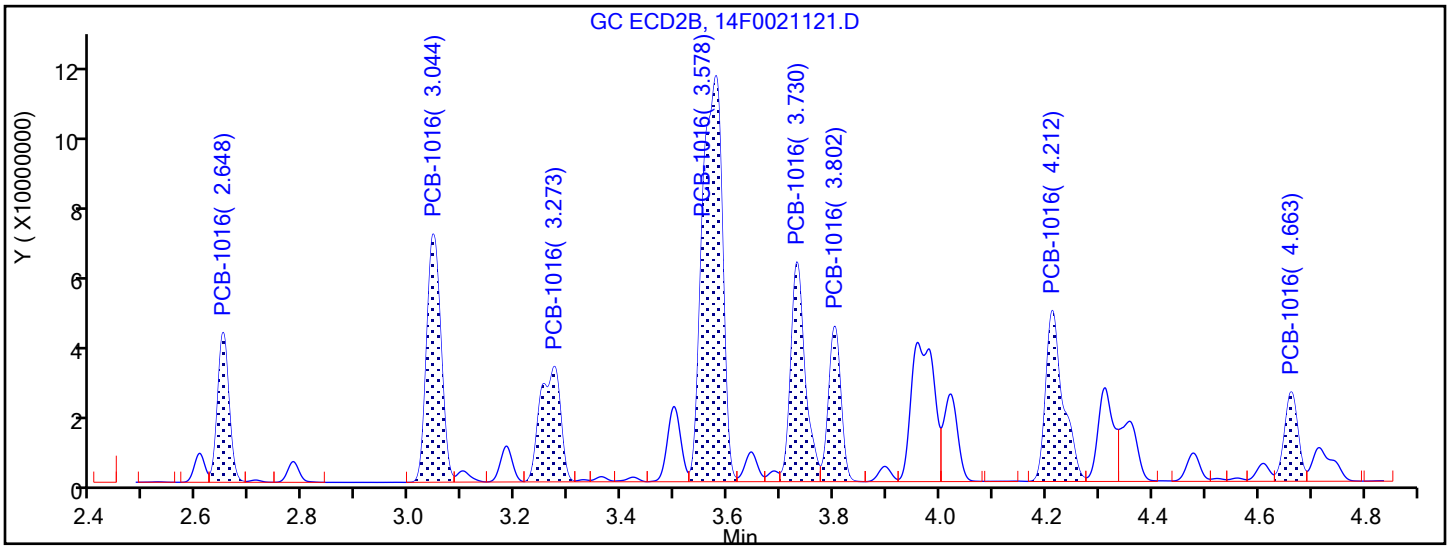
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D
Injection Date: 03-Mar-2022 10:07:21 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.648	Response = 59653768
3.044	Response = 122995849
3.273	Response = 81435846
3.578	Response = 283199717
3.730	Response = 110417745
3.802	Response = 66692565
4.212	Response = 101733912
4.663	Response = 41595028



Manual Integration Results

2.648	Response = 59653768
3.044	Response = 122995849
3.273	Response = 81435846
3.578	Response = 283199717
3.730	Response = 110417745
3.802	Response = 66692565

Calibration / Tetrachloro-m-xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

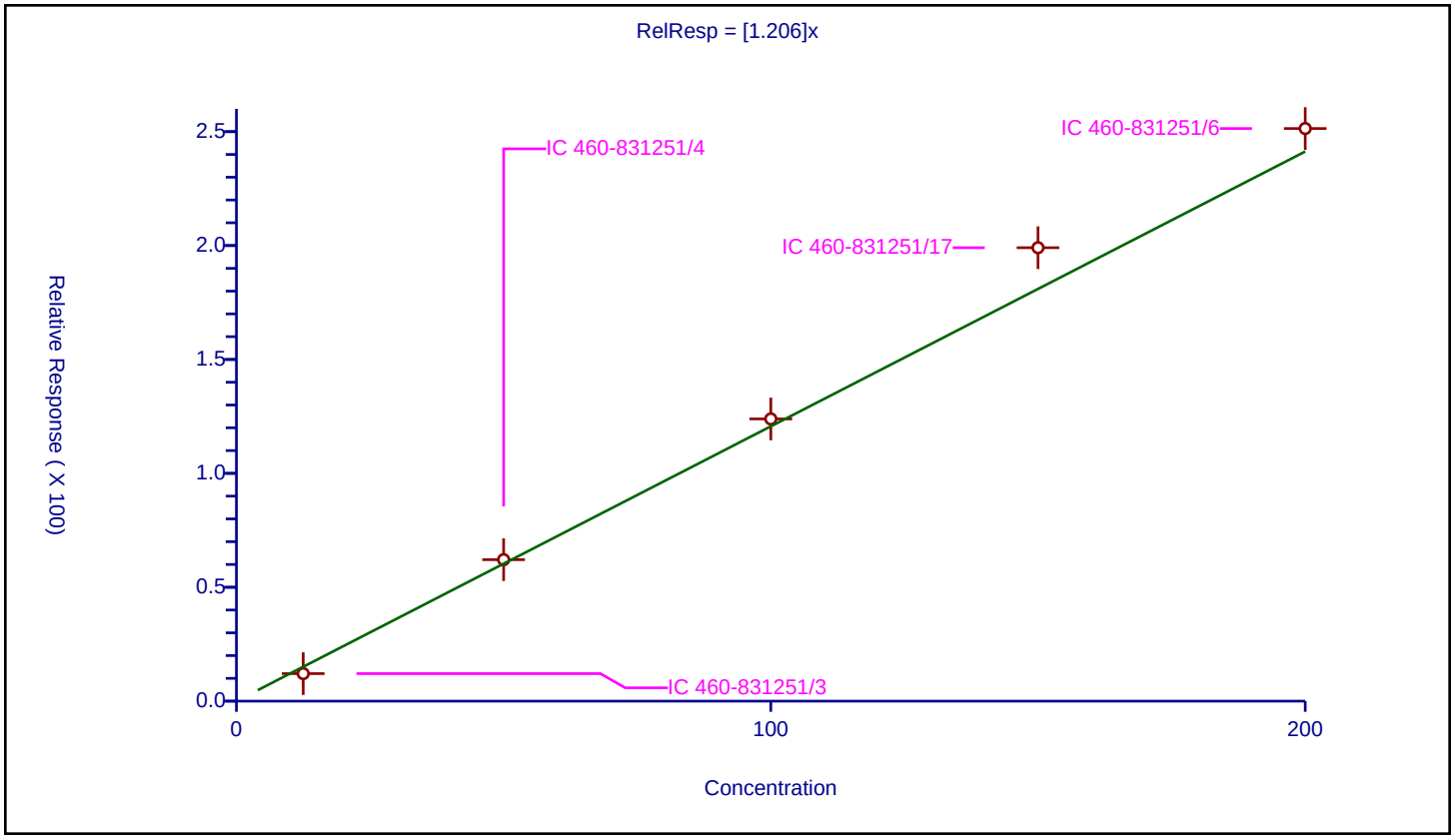
Curve Coefficients

Intercept:	0
Slope:	1.206

Error Coefficients

Standard Error:	280000000
Relative Standard Error:	11.5
Correlation Coefficient:	0.960
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	12.5	12.085513	20.0	31326700.0	0.966841	Y
2	IC 460-831251/4	50.0	62.106765	20.0	30477473.0	1.242135	Y
3	IC 460-831251/2	100.0	123.904468	20.0	33501879.0	1.239045	Y
4	IC 460-831251/17	150.0	199.055327	20.0	35530340.0	1.327036	Y
5	IC 460-831251/6	200.0	251.384742	20.0	29377952.0	1.256924	Y



Calibration / PCB-1016 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

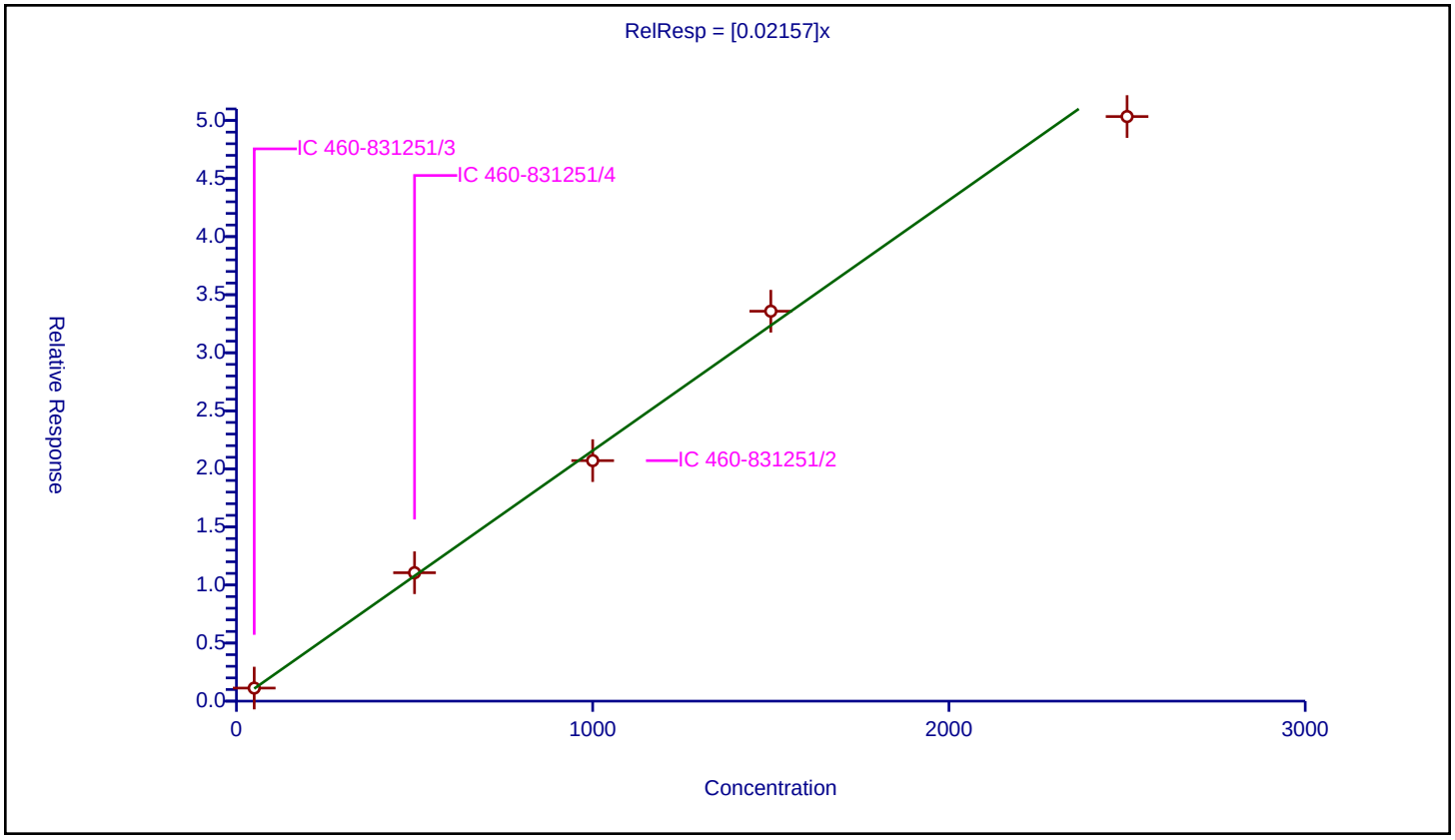
Curve Coefficients

Intercept:	0
Slope:	0.02157

Error Coefficients

Standard Error:	51300000
Relative Standard Error:	5.0
Correlation Coefficient:	0.956
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	1.124866	20.0	31326700.0	0.022497	Y
2	IC 460-831251/4	500.0	11.057186	20.0	30477473.0	0.022114	Y
3	IC 460-831251/2	1000.0	20.711263	20.0	33501879.0	0.020711	Y
4	IC 460-831251/17	1500.0	33.579058	20.0	35530340.0	0.022386	Y
5	IC 460-831251/6	2500.0	50.341553	20.0	29377952.0	0.020137	Y



Calibration / PCB-1016 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

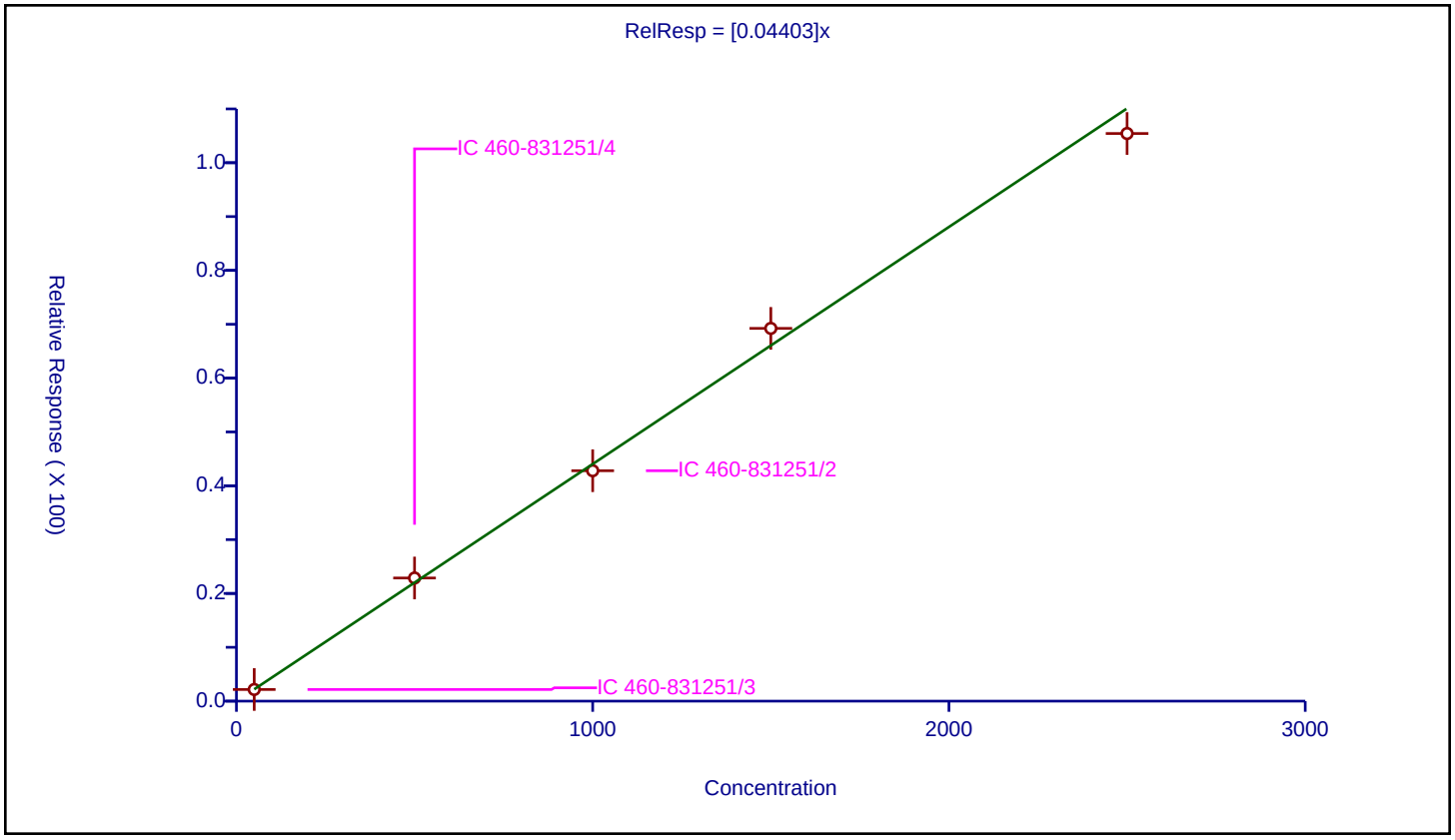
Curve Coefficients

Intercept:	0
Slope:	0.04403

Error Coefficients

Standard Error:	107000000
Relative Standard Error:	4.1
Correlation Coefficient:	0.960
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	2.165216	20.0	31326700.0	0.043304	Y
2	IC 460-831251/4	500.0	22.873112	20.0	30477473.0	0.045746	Y
3	IC 460-831251/2	1000.0	42.797171	20.0	33501879.0	0.042797	Y
4	IC 460-831251/17	1500.0	69.234265	20.0	35530340.0	0.046156	Y
5	IC 460-831251/6	2500.0	105.427069	20.0	29377952.0	0.042171	Y



Calibration / PCB-1016 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

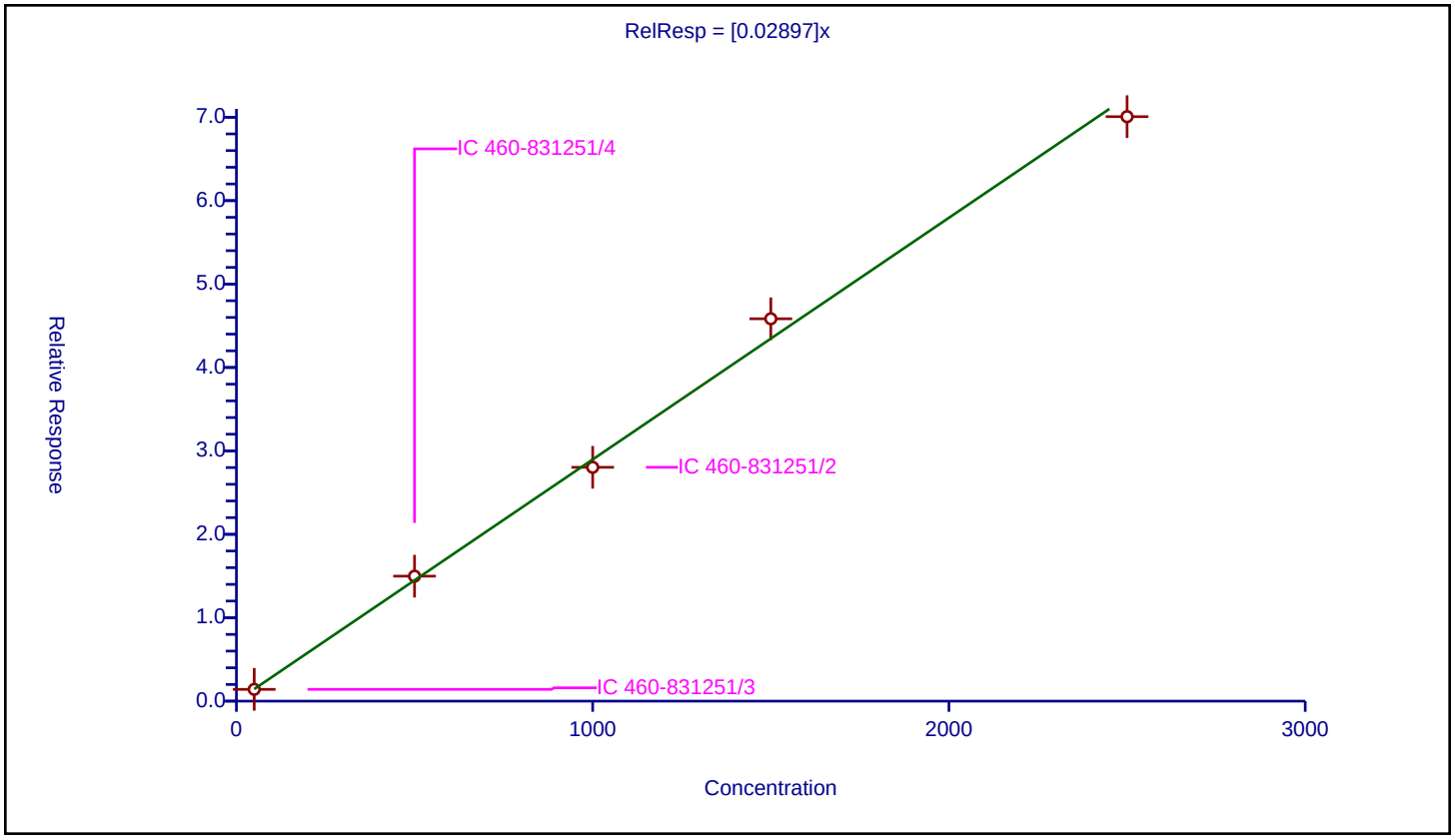
Curve Coefficients

Intercept:	0
Slope:	0.02897

Error Coefficients

Standard Error:	70600000
Relative Standard Error:	4.1
Correlation Coefficient:	0.962
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	1.414315	20.0	31326700.0	0.028286	Y
2	IC 460-831251/4	500.0	14.982377	20.0	30477473.0	0.029965	Y
3	IC 460-831251/2	1000.0	28.032145	20.0	33501879.0	0.028032	Y
4	IC 460-831251/17	1500.0	45.840173	20.0	35530340.0	0.03056	Y
5	IC 460-831251/6	2500.0	70.067829	20.0	29377952.0	0.028027	Y



Calibration / PCB-1016 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

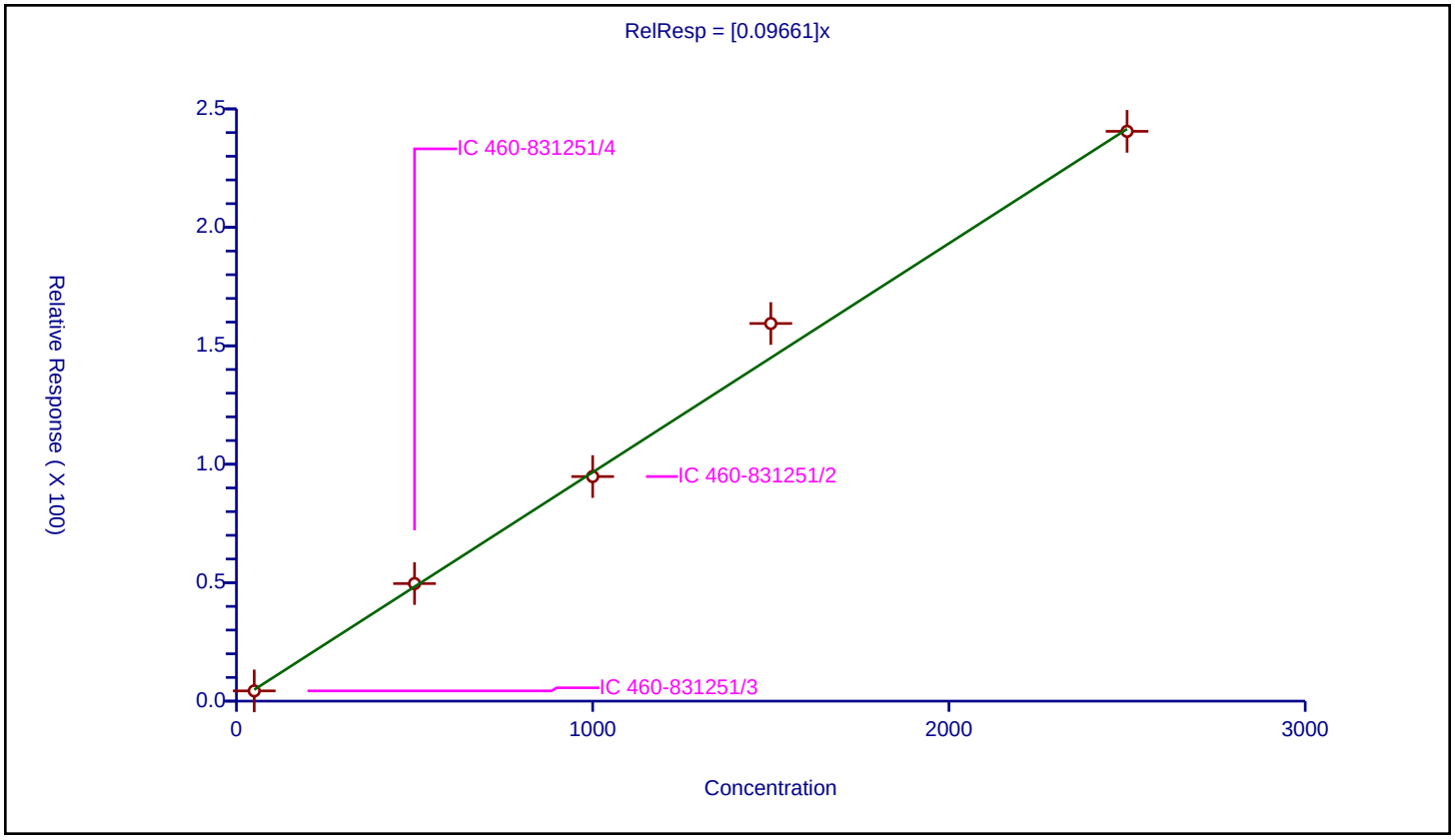
Curve Coefficients

Intercept:	0
Slope:	0.09661

Error Coefficients

Standard Error:	243000000
Relative Standard Error:	7.4
Correlation Coefficient:	0.957
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	4.324365	20.0	31326700.0	0.086487	Y
2	IC 460-831251/4	500.0	49.632448	20.0	30477473.0	0.099265	Y
3	IC 460-831251/2	1000.0	94.800444	20.0	33501879.0	0.0948	Y
4	IC 460-831251/17	1500.0	159.412894	20.0	35530340.0	0.106275	Y
5	IC 460-831251/6	2500.0	240.534177	20.0	29377952.0	0.096214	Y



Calibration / PCB-1016 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

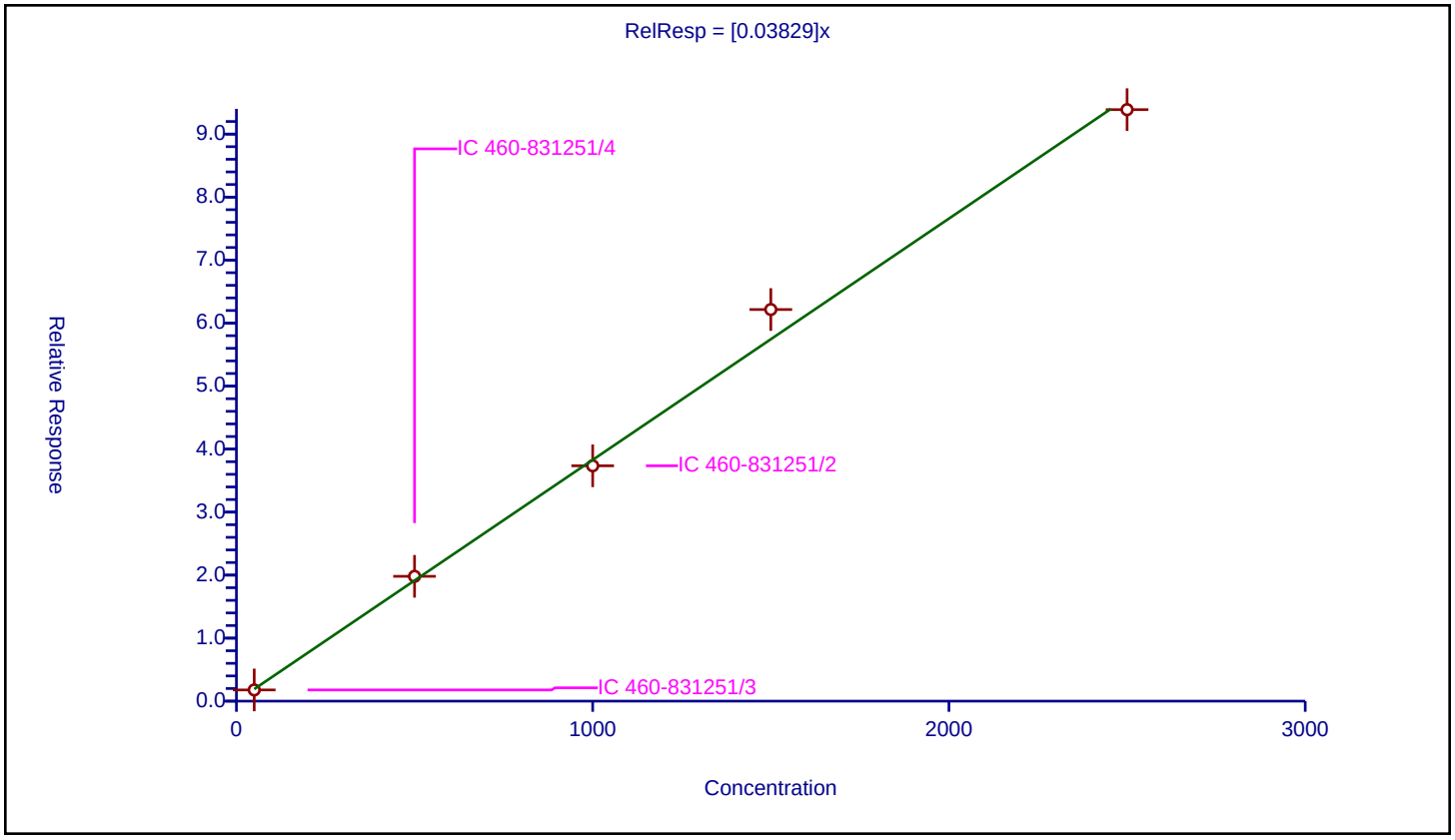
Curve Coefficients

Intercept:	0
Slope:	0.03829

Error Coefficients

Standard Error:	94900000
Relative Standard Error:	6.0
Correlation Coefficient:	0.958
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	1.775659	20.0	31326700.0	0.035513	Y
2	IC 460-831251/4	500.0	19.809042	20.0	30477473.0	0.039618	Y
3	IC 460-831251/2	1000.0	37.355273	20.0	33501879.0	0.037355	Y
4	IC 460-831251/17	1500.0	62.15406	20.0	35530340.0	0.041436	Y
5	IC 460-831251/6	2500.0	93.879829	20.0	29377952.0	0.037552	Y



Calibration / PCB-1016 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

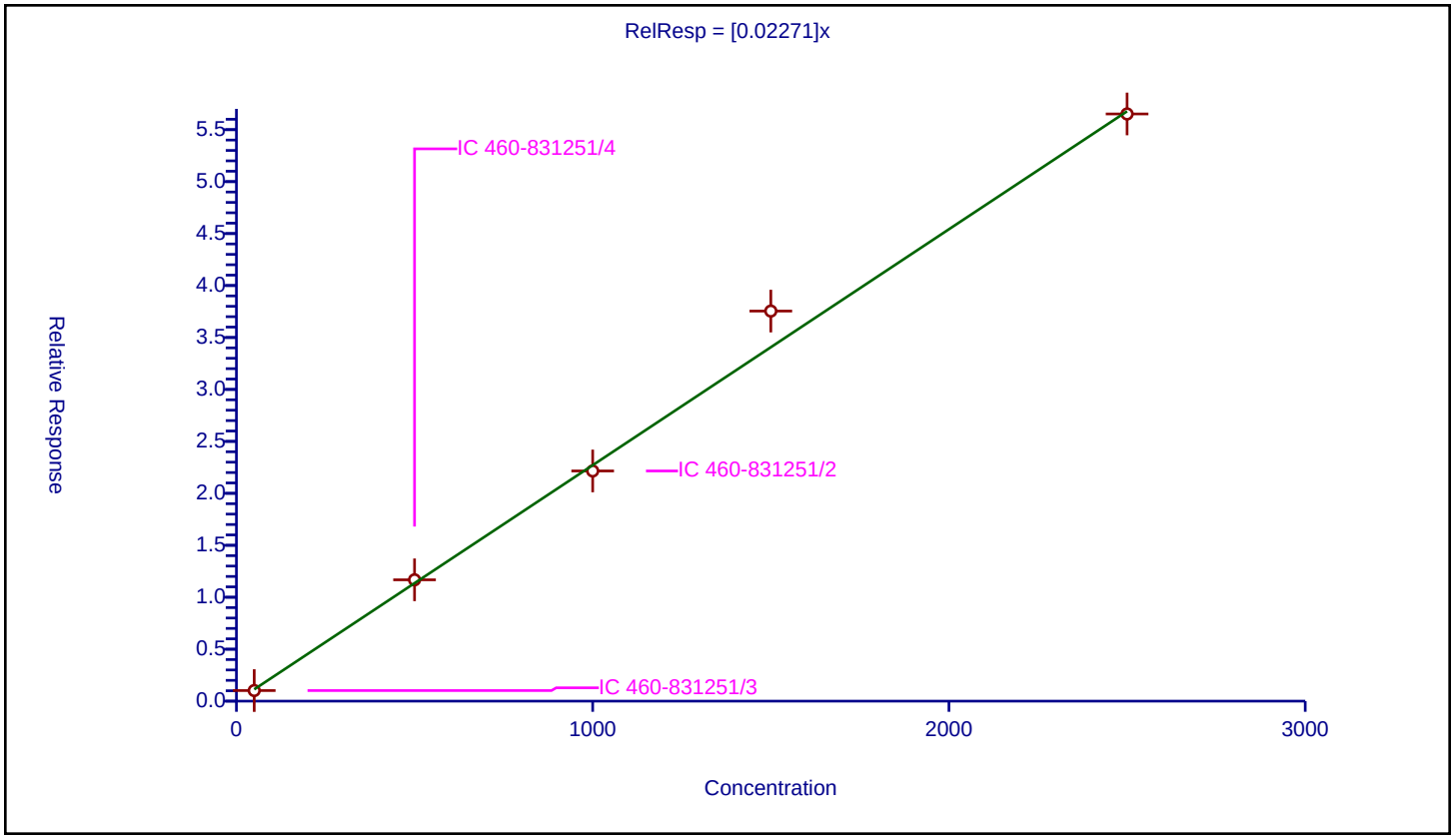
Curve Coefficients

Intercept:	0
Slope:	0.02271

Error Coefficients

Standard Error:	57100000
Relative Standard Error:	7.5
Correlation Coefficient:	0.956
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	1.019798	20.0	31326700.0	0.020396	Y
2	IC 460-831251/4	500.0	11.678155	20.0	30477473.0	0.023356	Y
3	IC 460-831251/2	1000.0	22.153563	20.0	33501879.0	0.022154	Y
4	IC 460-831251/17	1500.0	37.541192	20.0	35530340.0	0.025027	Y
5	IC 460-831251/6	2500.0	56.51199	20.0	29377952.0	0.022605	Y



Calibration / PCB-1016 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

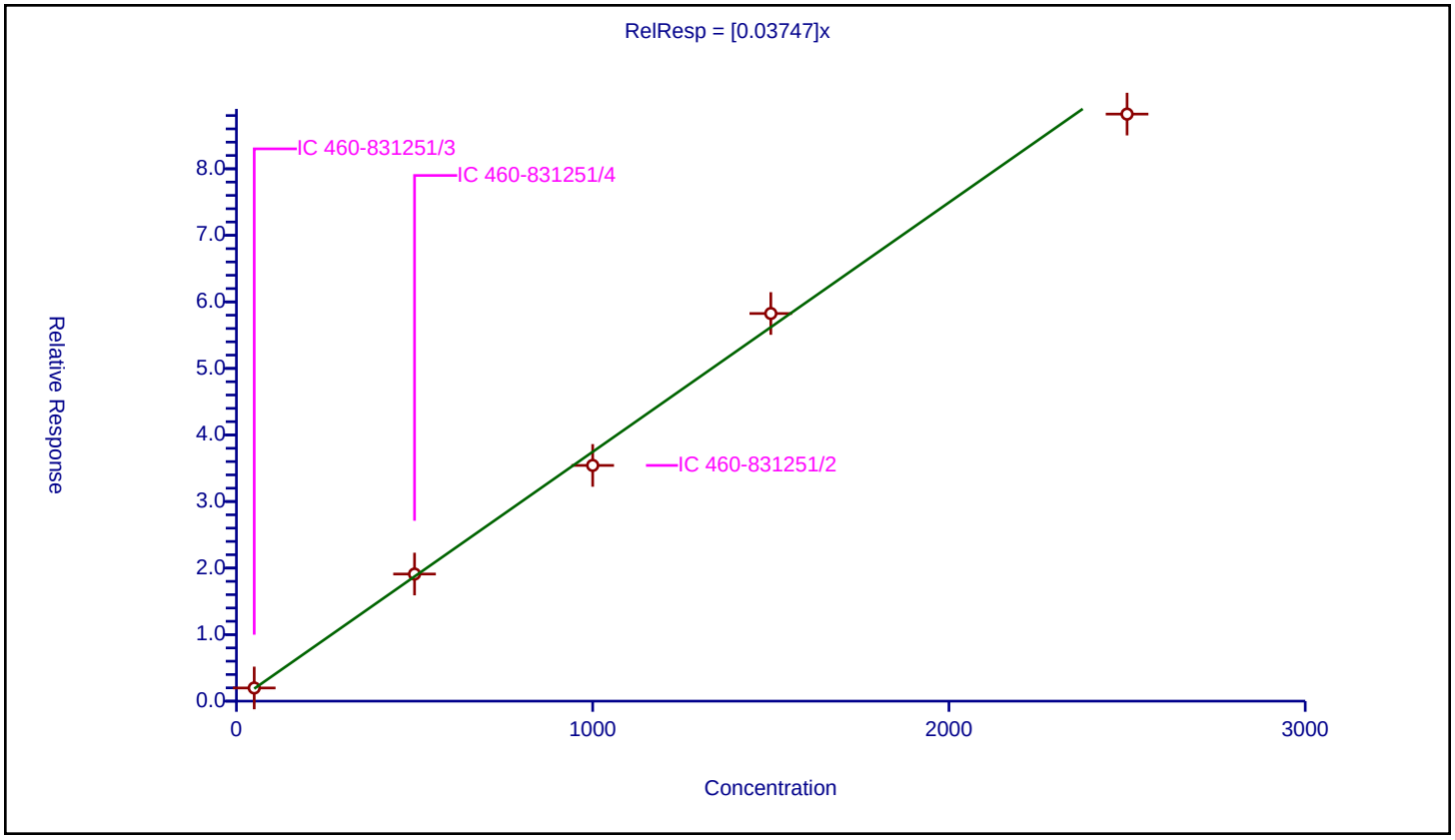
Curve Coefficients

Intercept:	0
Slope:	0.03747

Error Coefficients

Standard Error:	89300000
Relative Standard Error:	5.3
Correlation Coefficient:	0.959
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	1.978913	20.0	31326700.0	0.039578	Y
2	IC 460-831251/4	500.0	19.100112	20.0	30477473.0	0.0382	Y
3	IC 460-831251/2	1000.0	35.423472	20.0	33501879.0	0.035423	Y
4	IC 460-831251/17	1500.0	58.252191	20.0	35530340.0	0.038835	Y
5	IC 460-831251/6	2500.0	88.220834	20.0	29377952.0	0.035288	Y



Calibration / PCB-1016 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

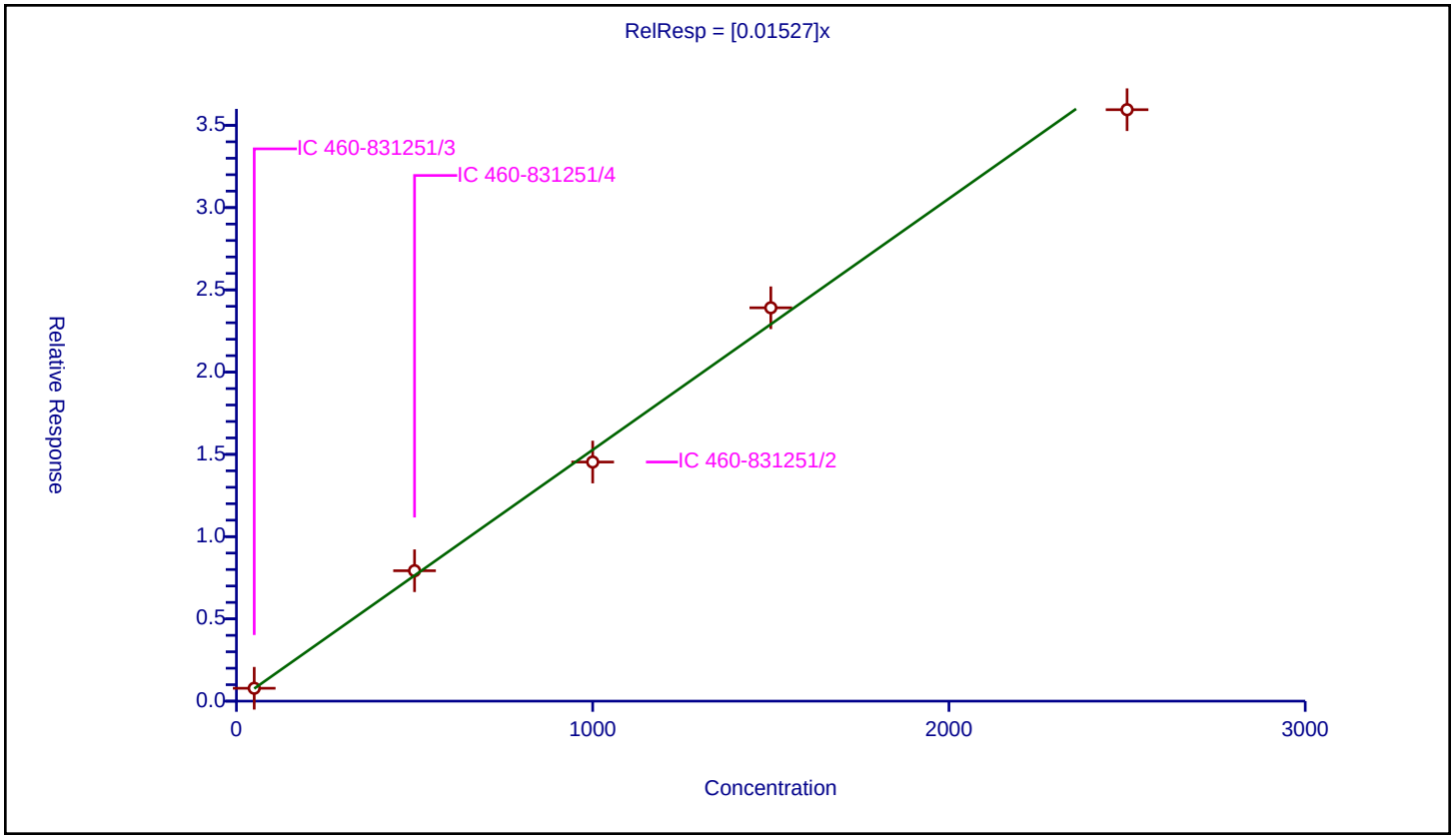
Curve Coefficients

Intercept:	0
Slope:	0.01527

Error Coefficients

Standard Error:	36500000
Relative Standard Error:	4.9
Correlation Coefficient:	0.957
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	0.782924	20.0	31326700.0	0.015658	Y
2	IC 460-831251/4	500.0	7.927257	20.0	30477473.0	0.015855	Y
3	IC 460-831251/2	1000.0	14.534388	20.0	33501879.0	0.014534	Y
4	IC 460-831251/17	1500.0	23.911146	20.0	35530340.0	0.015941	Y
5	IC 460-831251/6	2500.0	35.95126	20.0	29377952.0	0.014381	Y



Calibration / PCB-1260 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

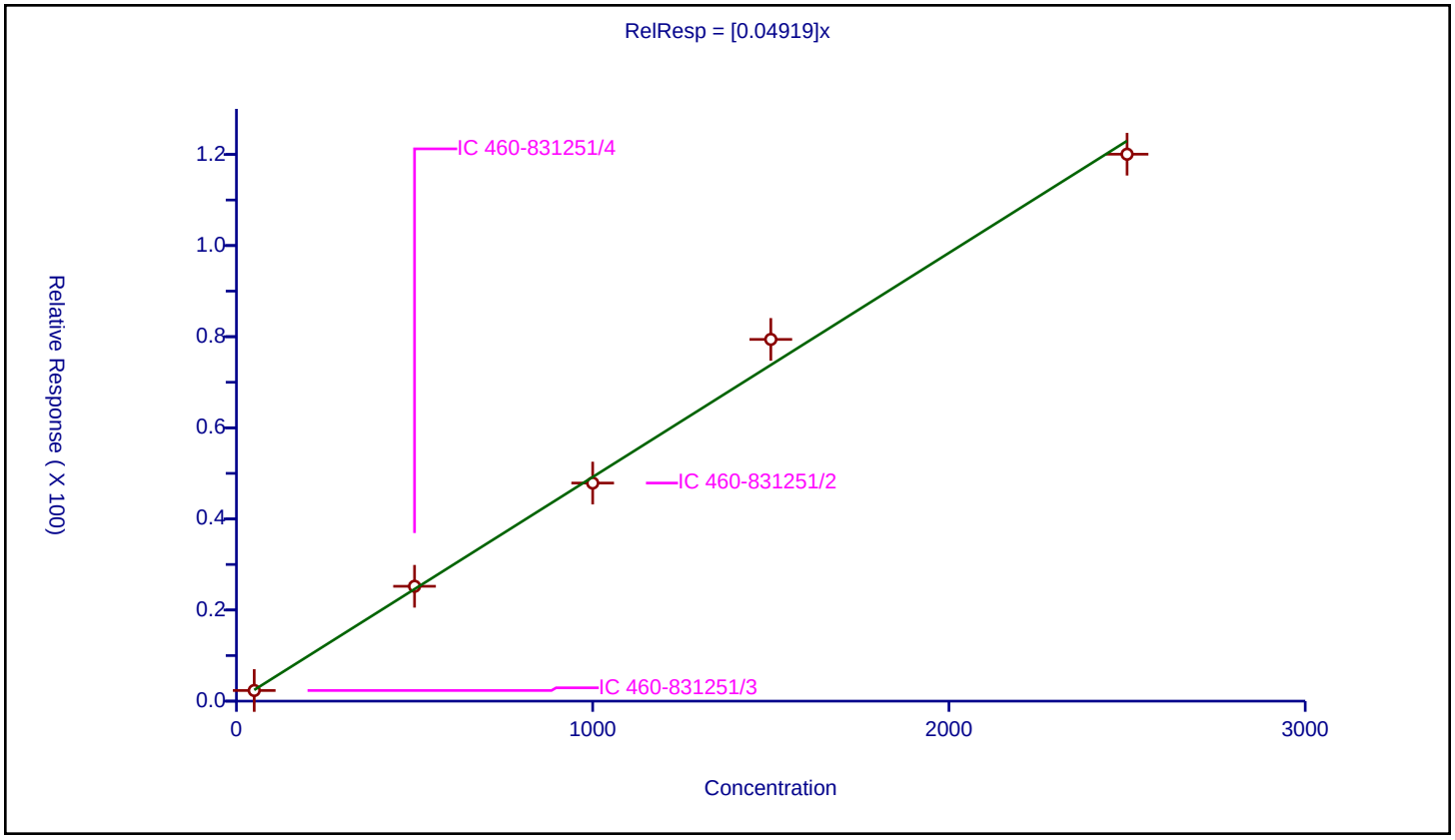
Curve Coefficients

Intercept:	0
Slope:	0.04919

Error Coefficients

Standard Error:	121000000
Relative Standard Error:	5.1
Correlation Coefficient:	0.958
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	2.335304	20.0	31326700.0	0.046706	Y
2	IC 460-831251/4	500.0	25.21406	20.0	30477473.0	0.050428	Y
3	IC 460-831251/2	1000.0	47.872652	20.0	33501879.0	0.047873	Y
4	IC 460-831251/17	1500.0	79.403184	20.0	35530340.0	0.052935	Y
5	IC 460-831251/6	2500.0	120.053316	20.0	29377952.0	0.048021	Y



Calibration / PCB-1260 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

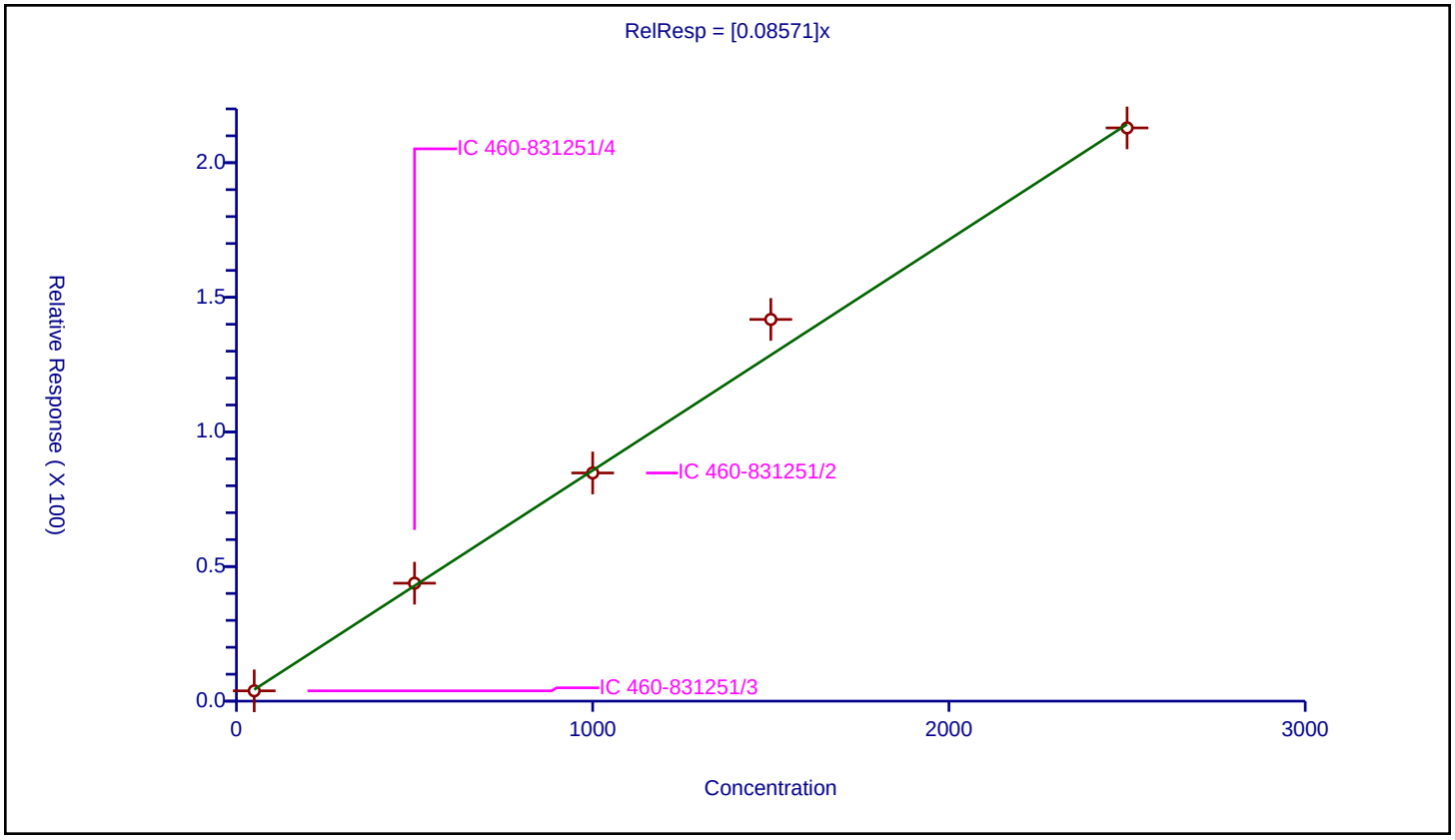
Curve Coefficients

Intercept:	0
Slope:	0.08571

Error Coefficients

Standard Error:	216000000
Relative Standard Error:	7.6
Correlation Coefficient:	0.956
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	3.822725	20.0	31326700.0	0.076455	Y
2	IC 460-831251/4	500.0	43.813051	20.0	30477473.0	0.087626	Y
3	IC 460-831251/2	1000.0	84.75674	20.0	33501879.0	0.084757	Y
4	IC 460-831251/17	1500.0	141.793896	20.0	35530340.0	0.094529	Y
5	IC 460-831251/6	2500.0	212.936032	20.0	29377952.0	0.085174	Y



Calibration / PCB-1260 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

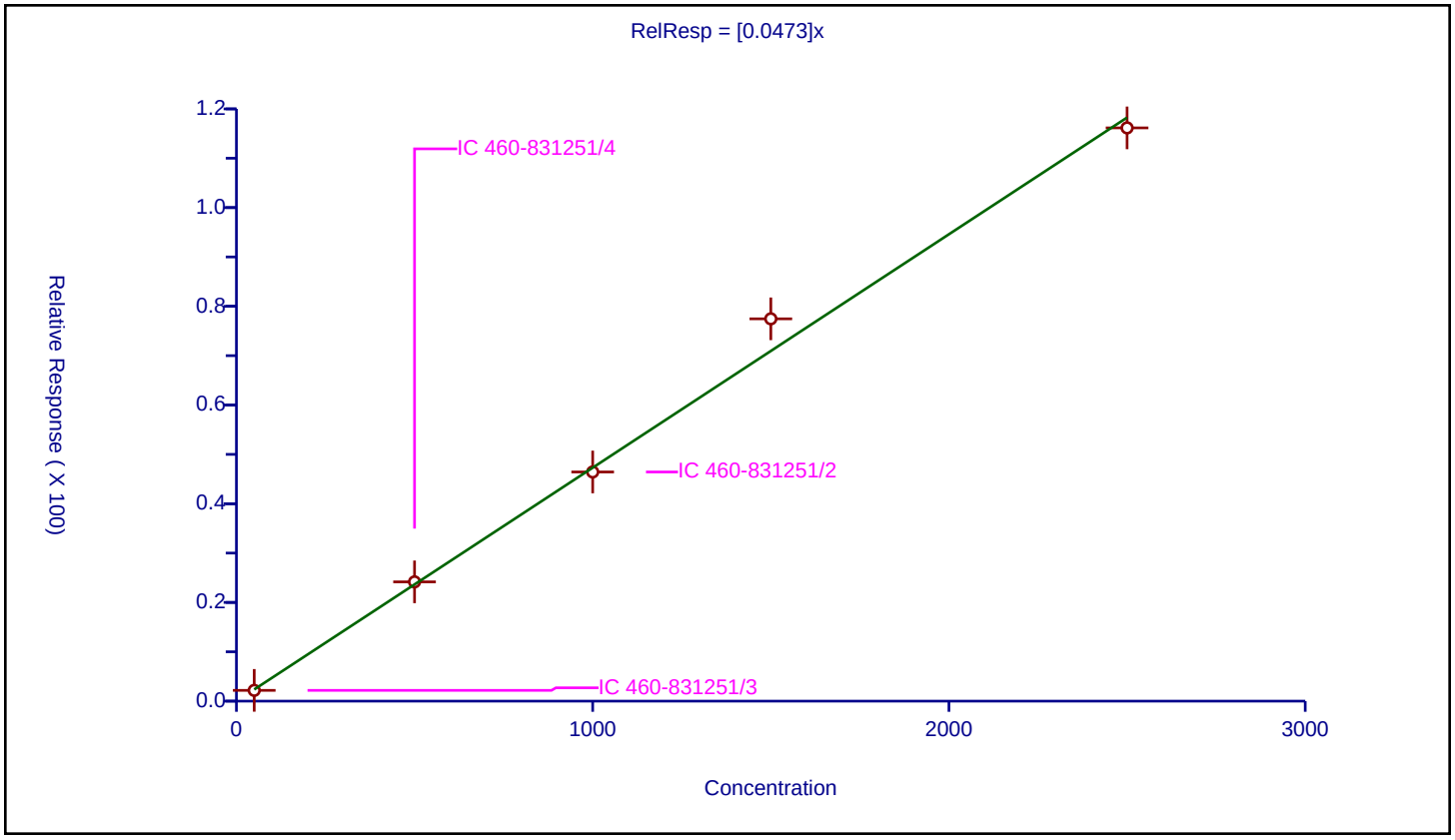
Curve Coefficients

Intercept:	0
Slope:	0.0473

Error Coefficients

Standard Error:	118000000
Relative Standard Error:	6.3
Correlation Coefficient:	0.955
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	2.180627	20.0	31326700.0	0.043613	Y
2	IC 460-831251/4	500.0	24.169939	20.0	30477473.0	0.04834	Y
3	IC 460-831251/2	1000.0	46.436317	20.0	33501879.0	0.046436	Y
4	IC 460-831251/17	1500.0	77.464264	20.0	35530340.0	0.051643	Y
5	IC 460-831251/6	2500.0	116.150424	20.0	29377952.0	0.04646	Y



Calibration / PCB-1260 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

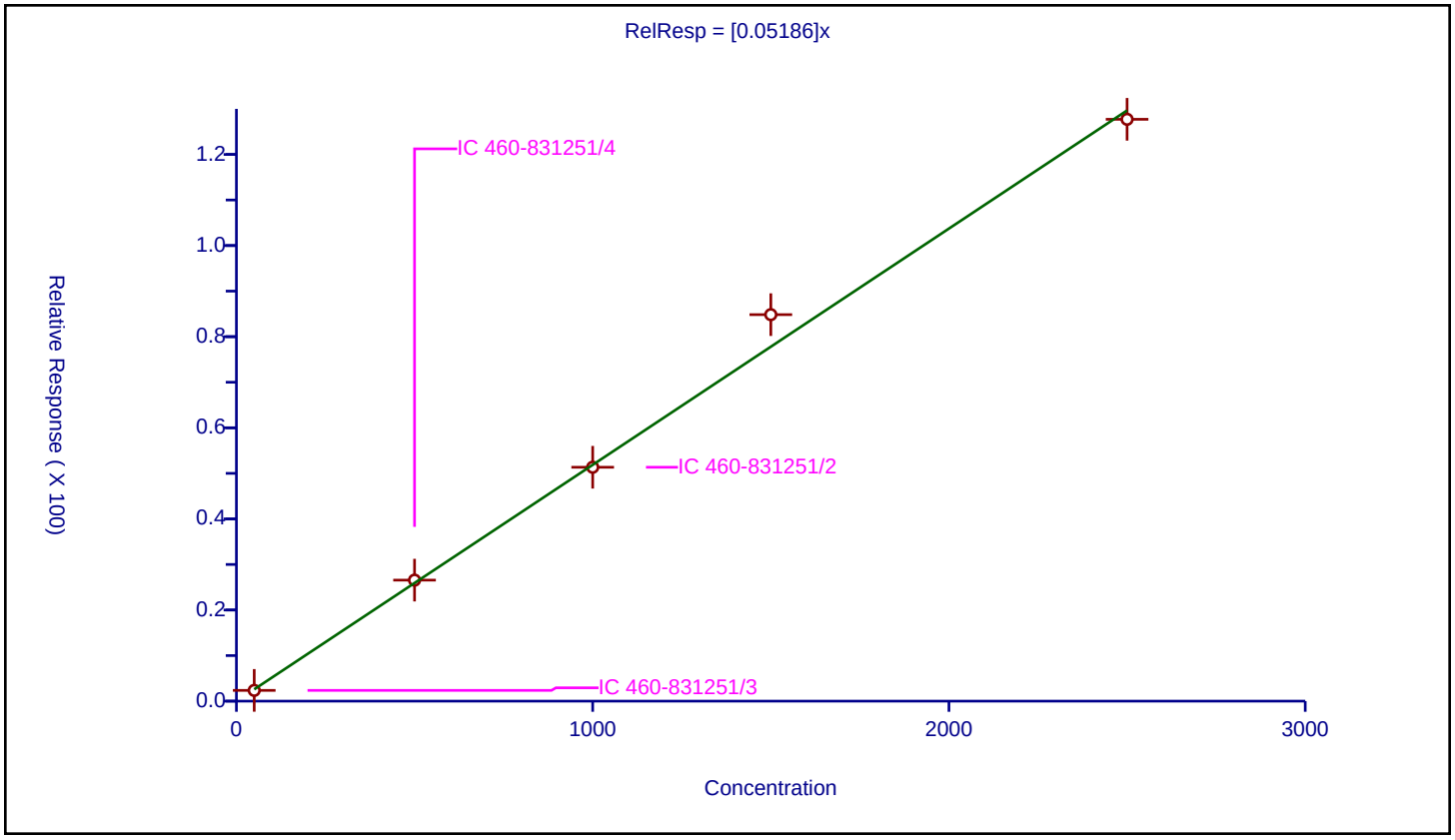
Curve Coefficients

Intercept:	0
Slope:	0.05186

Error Coefficients

Standard Error:	129000000
Relative Standard Error:	6.6
Correlation Coefficient:	0.956
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	2.36026	20.0	31326700.0	0.047205	Y
2	IC 460-831251/4	500.0	26.562788	20.0	30477473.0	0.053126	Y
3	IC 460-831251/2	1000.0	51.339591	20.0	33501879.0	0.05134	Y
4	IC 460-831251/17	1500.0	84.837109	20.0	35530340.0	0.056558	Y
5	IC 460-831251/6	2500.0	127.712907	20.0	29377952.0	0.051085	Y



Calibration / PCB-1260 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

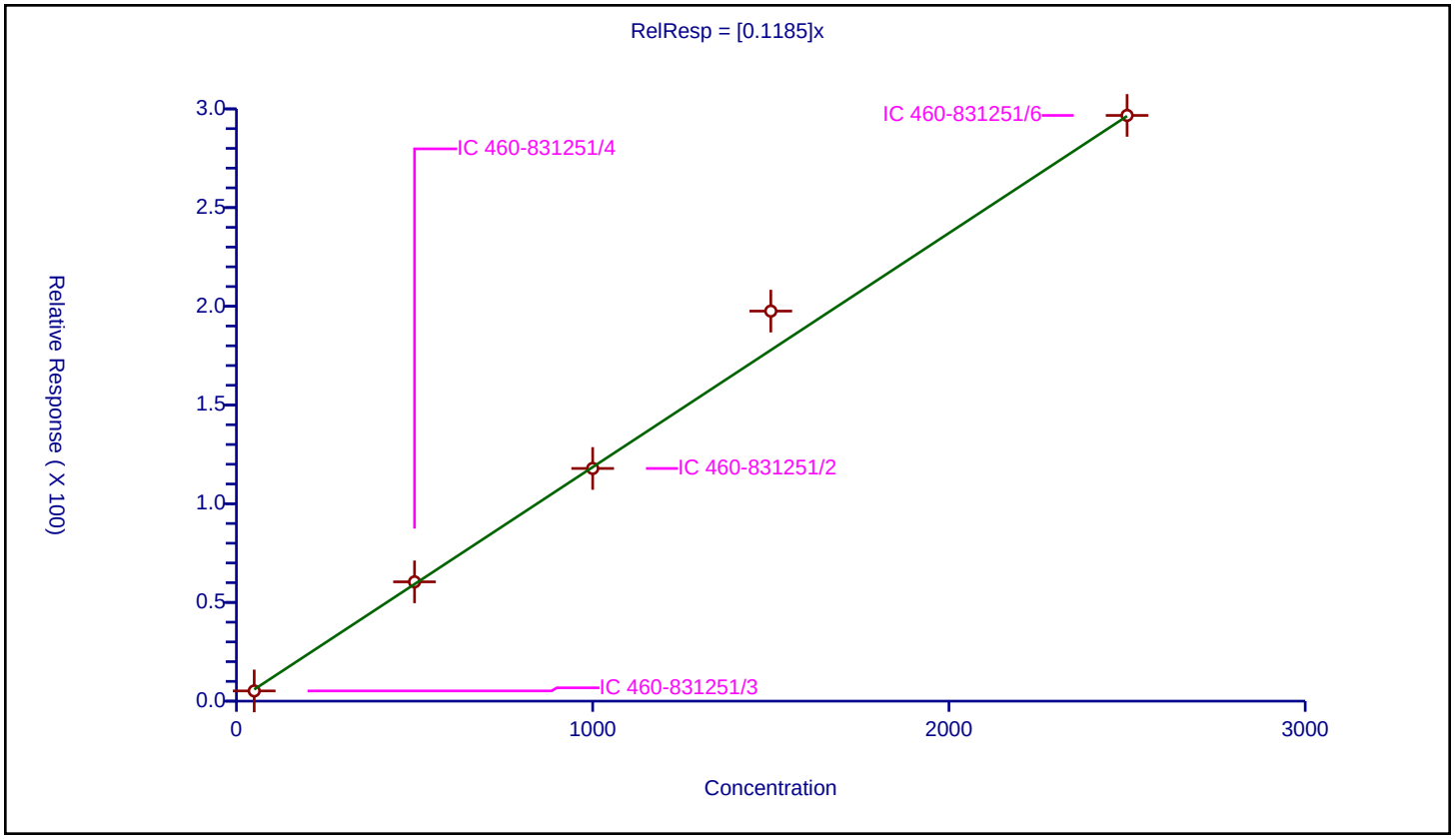
Curve Coefficients

Intercept:	0
Slope:	0.1185

Error Coefficients

Standard Error:	300000000
Relative Standard Error:	8.5
Correlation Coefficient:	0.955
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	5.179313	20.0	31326700.0	0.103586	Y
2	IC 460-831251/4	500.0	60.437292	20.0	30477473.0	0.120875	Y
3	IC 460-831251/2	1000.0	117.86644	20.0	33501879.0	0.117866	Y
4	IC 460-831251/17	1500.0	197.568922	20.0	35530340.0	0.131713	Y
5	IC 460-831251/6	2500.0	296.697945	20.0	29377952.0	0.118679	Y



Calibration / PCB-1260 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

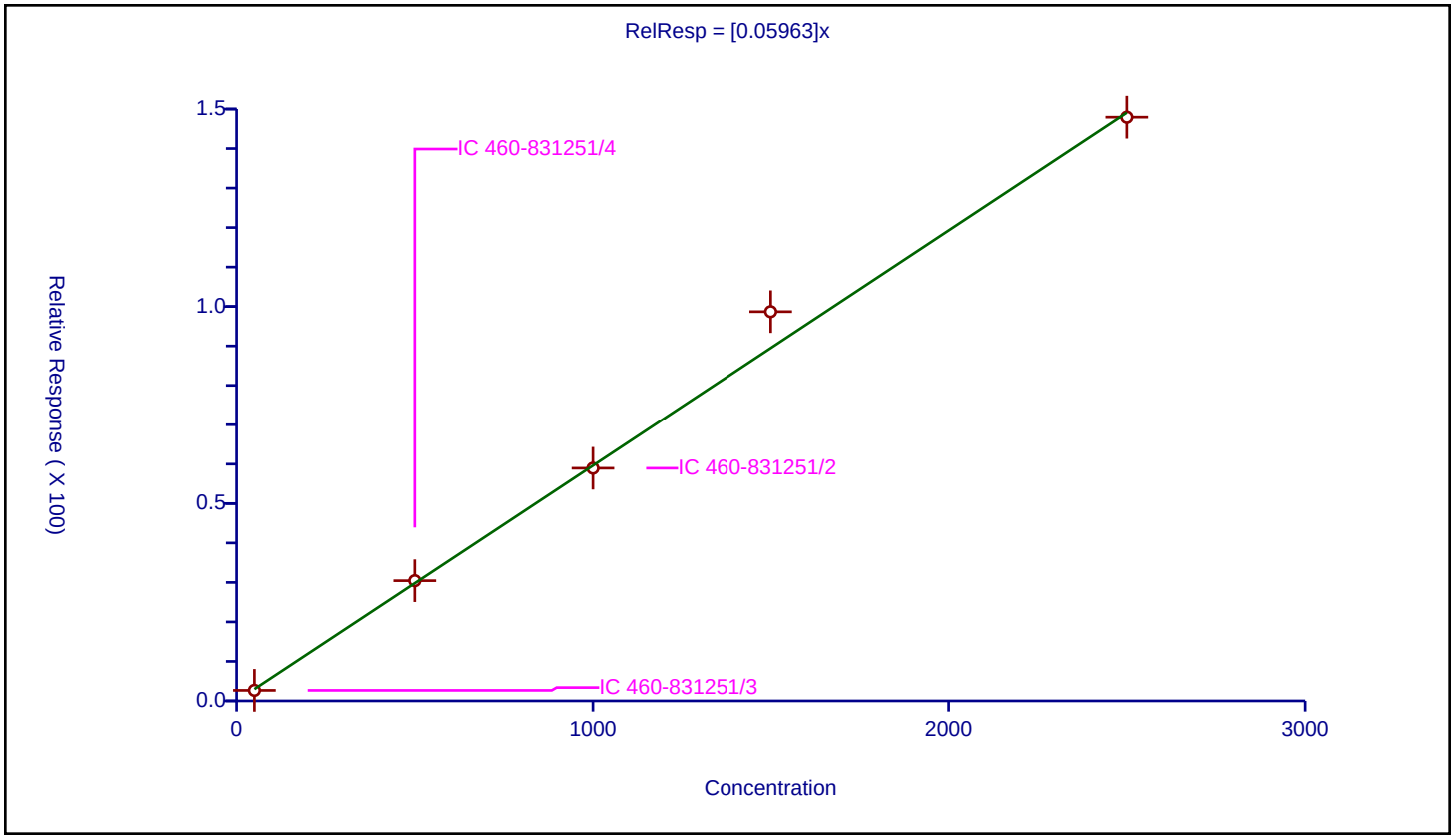
Curve Coefficients

Intercept:	0
Slope:	0.05963

Error Coefficients

Standard Error:	150000000
Relative Standard Error:	7.5
Correlation Coefficient:	0.955
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	2.666018	20.0	31326700.0	0.05332	Y
2	IC 460-831251/4	500.0	30.448894	20.0	30477473.0	0.060898	Y
3	IC 460-831251/2	1000.0	58.957647	20.0	33501879.0	0.058958	Y
4	IC 460-831251/17	1500.0	98.691322	20.0	35530340.0	0.065794	Y
5	IC 460-831251/6	2500.0	147.938963	20.0	29377952.0	0.059176	Y



Calibration / PCB-1260 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

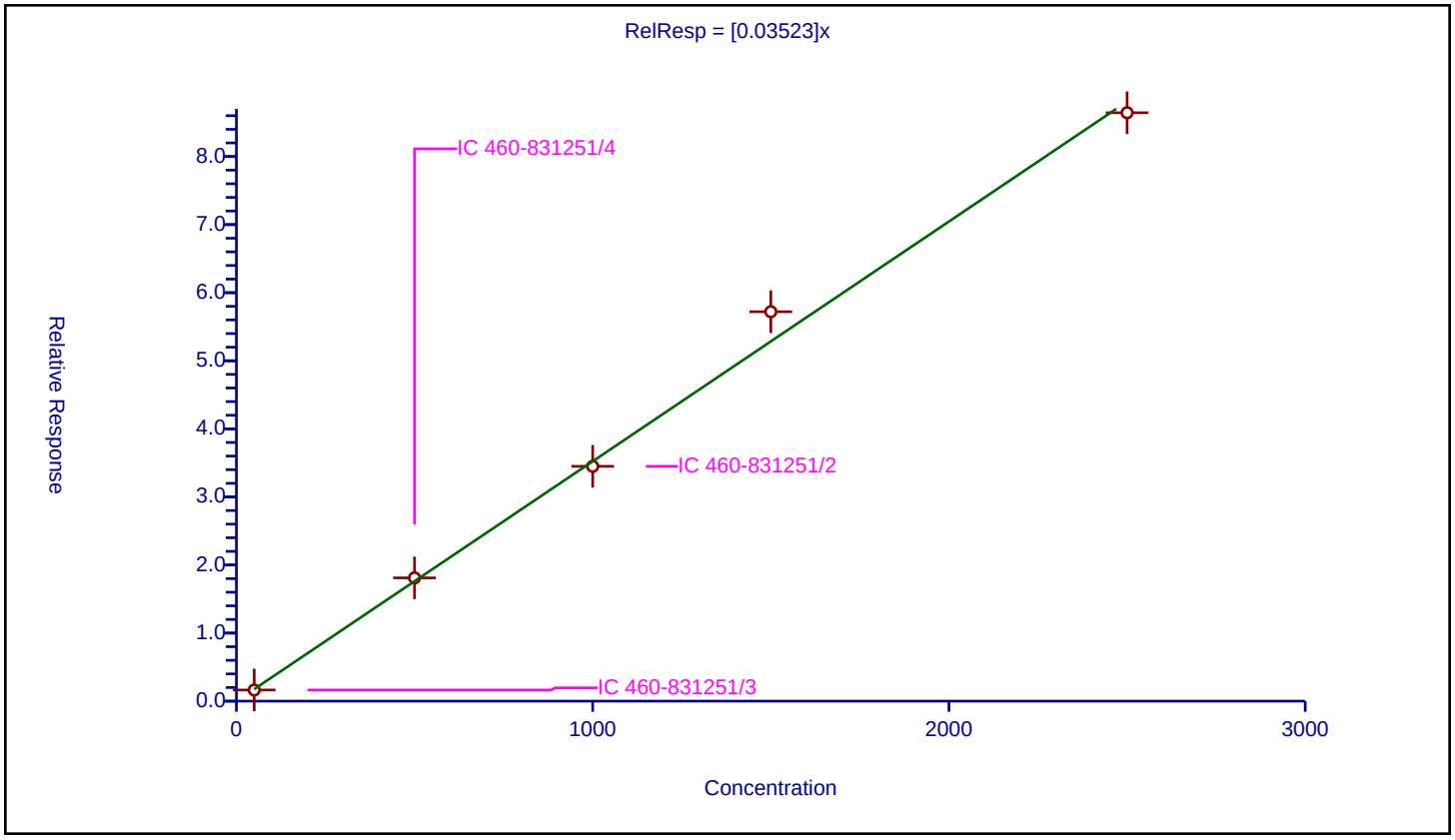
Curve Coefficients

Intercept:	0
Slope:	0.03523

Error Coefficients

Standard Error:	87400000
Relative Standard Error:	5.8
Correlation Coefficient:	0.958
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	1.636184	20.0	31326700.0	0.032724	Y
2	IC 460-831251/4	500.0	18.106604	20.0	30477473.0	0.036213	Y
3	IC 460-831251/2	1000.0	34.493855	20.0	33501879.0	0.034494	Y
4	IC 460-831251/17	1500.0	57.203415	20.0	35530340.0	0.038136	Y
5	IC 460-831251/6	2500.0	86.432933	20.0	29377952.0	0.034573	Y



Calibration / PCB-1260 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

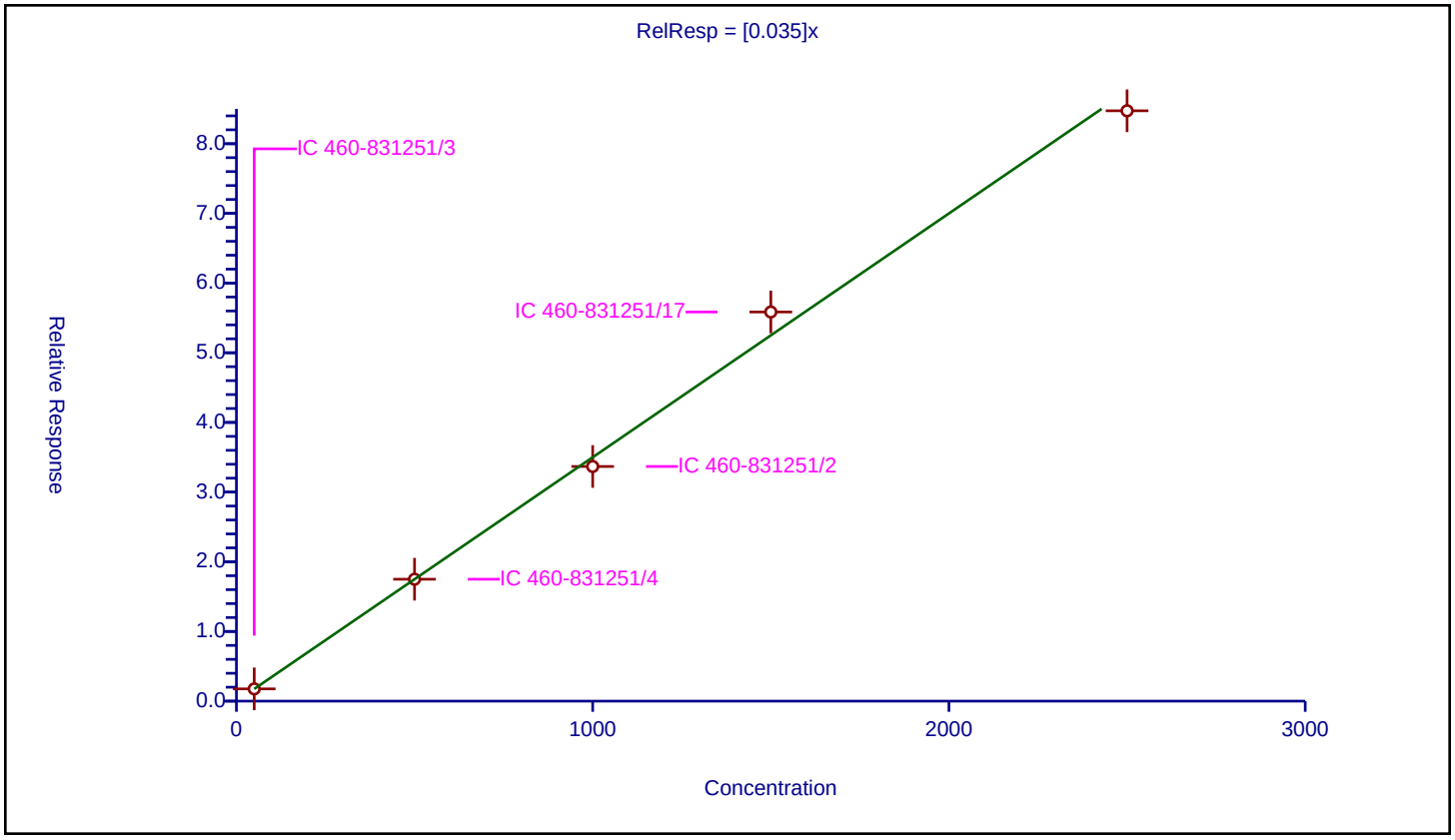
Curve Coefficients

Intercept:	0
Slope:	0.035

Error Coefficients

Standard Error:	85500000
Relative Standard Error:	4.0
Correlation Coefficient:	0.959
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	50.0	1.759445	20.0	31326700.0	0.035189	Y
2	IC 460-831251/4	500.0	17.49775	20.0	30477473.0	0.034995	Y
3	IC 460-831251/2	1000.0	33.679845	20.0	33501879.0	0.03368	Y
4	IC 460-831251/17	1500.0	55.853348	20.0	35530340.0	0.037236	Y
5	IC 460-831251/6	2500.0	84.730194	20.0	29377952.0	0.033892	Y



Calibration / DCB Decachlorobiphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

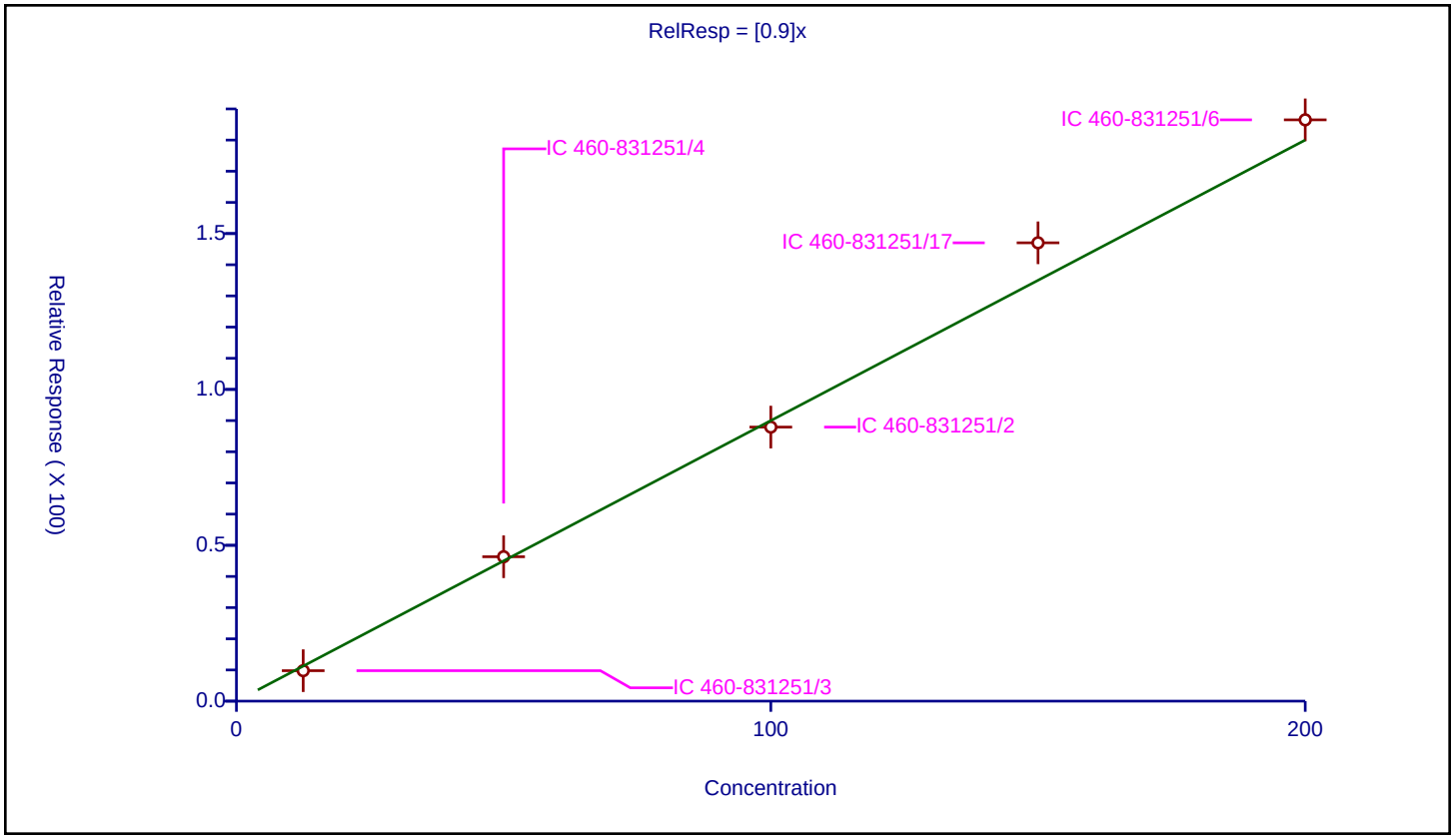
Curve Coefficients

Intercept:	0
Slope:	0.9

Error Coefficients

Standard Error:	206000000
Relative Standard Error:	8.4
Correlation Coefficient:	0.961
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/3	12.5	9.771449	20.0	31326700.0	0.781716	Y
2	IC 460-831251/4	50.0	46.322037	20.0	30477473.0	0.926441	Y
3	IC 460-831251/2	100.0	87.920291	20.0	33501879.0	0.879203	Y
4	IC 460-831251/17	150.0	147.038351	20.0	35530340.0	0.980256	Y
5	IC 460-831251/6	200.0	186.492198	20.0	29377952.0	0.932461	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 20:29 Calibration End Date: 03/02/2022 20:29 Calibration ID: 89413

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/9	14F0021113.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1221 Peak 1	0.0072					Ave		0.0072						20.0			
PCB-1221 Peak 2	0.0109					Ave		0.0109						20.0			
PCB-1221 Peak 3	0.0068					Ave		0.0068						20.0			
PCB-1221 Peak 4	0.0249					Ave		0.0249						20.0			
PCB-1221 Peak 5	0.0031					Ave		0.0031						20.0			
PCB-1221 Peak 6	0.0050					Ave		0.0050						20.0			
PCB-1221 Peak 7	0.0024					Ave		0.0024						20.0			
PCB-1221 Peak 8	0.0013					Ave		0.0013						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 20:29 Calibration End Date: 03/02/2022 20:29 Calibration ID: 89413

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/9	14F0021113.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	6864916					1000				
PCB-1221 Peak 2	BNB	Ave	10347315					1000				
PCB-1221 Peak 3	BNB	Ave	6432156					1000				
PCB-1221 Peak 4	BNB	Ave	23682605					1000				
PCB-1221 Peak 5	BNB	Ave	2943896					1000				
PCB-1221 Peak 6	BNB	Ave	4802490					1000				
PCB-1221 Peak 7	BNB	Ave	2263093					1000				
PCB-1221 Peak 8	BNB	Ave	1191894					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021113.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 20:29:49 ALS Bottle#: 12 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:14 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:08:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.754	1.754	0.000	19043520	20.0	20.0	
2	1.543	1.543	0.000	29808436	20.0	20.0	
						RPD = 0.00	
1 PCB-1221							M
1	2.231	2.231	0.000	6864916	1000.0	1000.0	
1	3.146	3.146	0.000	10347315	1000.0	1000.0	
1	3.323	3.323	0.000	6432156	1000.0	1000.0	M
1	3.399	3.399	0.000	23682605	1000.0	1000.0	M
1	3.985	3.985	0.000	2943896	1000.0	1000.0	M
1	4.498	4.498	0.000	4802490	1000.0	1000.0	M
1	4.669	4.669	0.000	2263093	1000.0	1000.0	M
1	4.796	4.796	0.000	1191894	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	1.747	1.747	0.000	11266948	1000.0	1000.0	
2	2.449	2.449	0.000	17141305	1000.0	1000.0	
2	2.610	2.610	0.000	10813911	1000.0	1000.0	M
2	2.653	2.653	0.000	40640374	1000.0	1000.0	M
2	3.052	3.052	0.000	5382874	1000.0	1000.0	M
2	3.192	3.192	0.000	5623777	1000.0	1000.0	M
2	3.586	3.586	0.000	8704154	1000.0	1000.0	M
2	3.738	3.738	0.000	3736606	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1221L4_00032	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

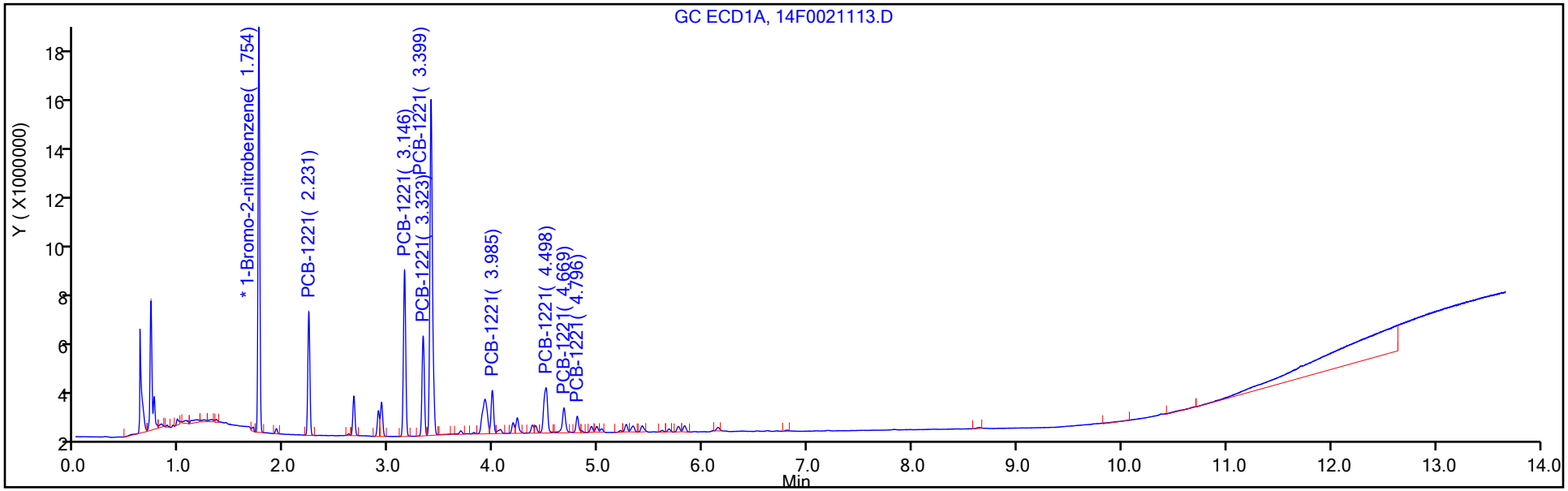
Report Date: 03-Mar-2022 11:14:14 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

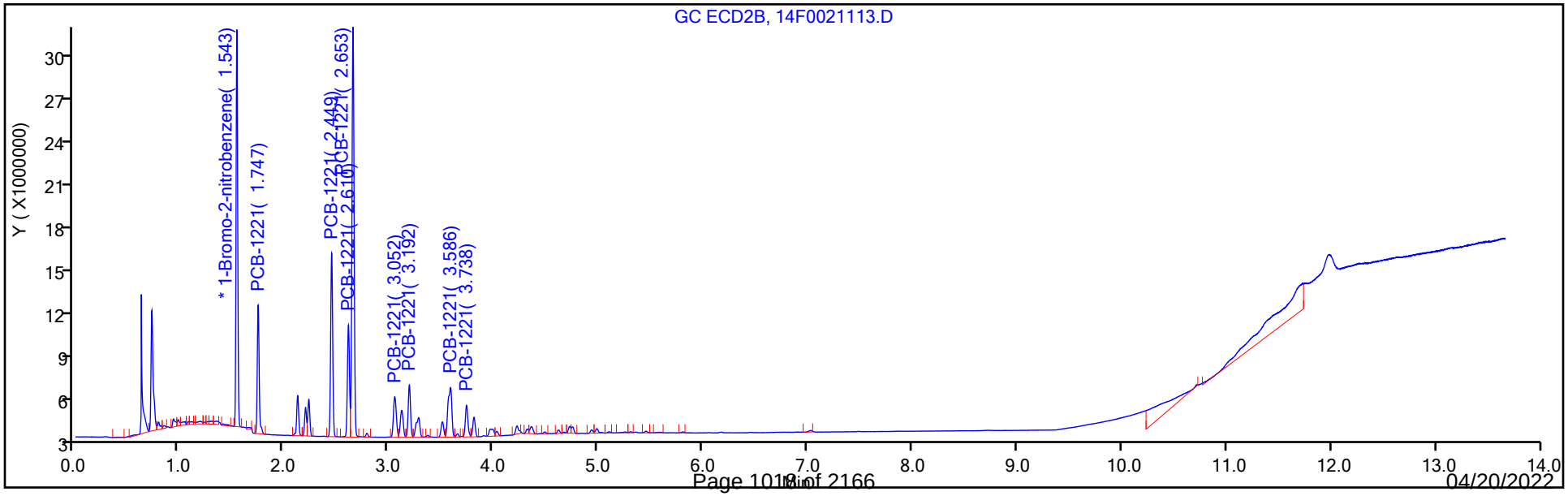
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021113.D

Injection Date:	02-Mar-2022 20:29:49	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC 1221			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)

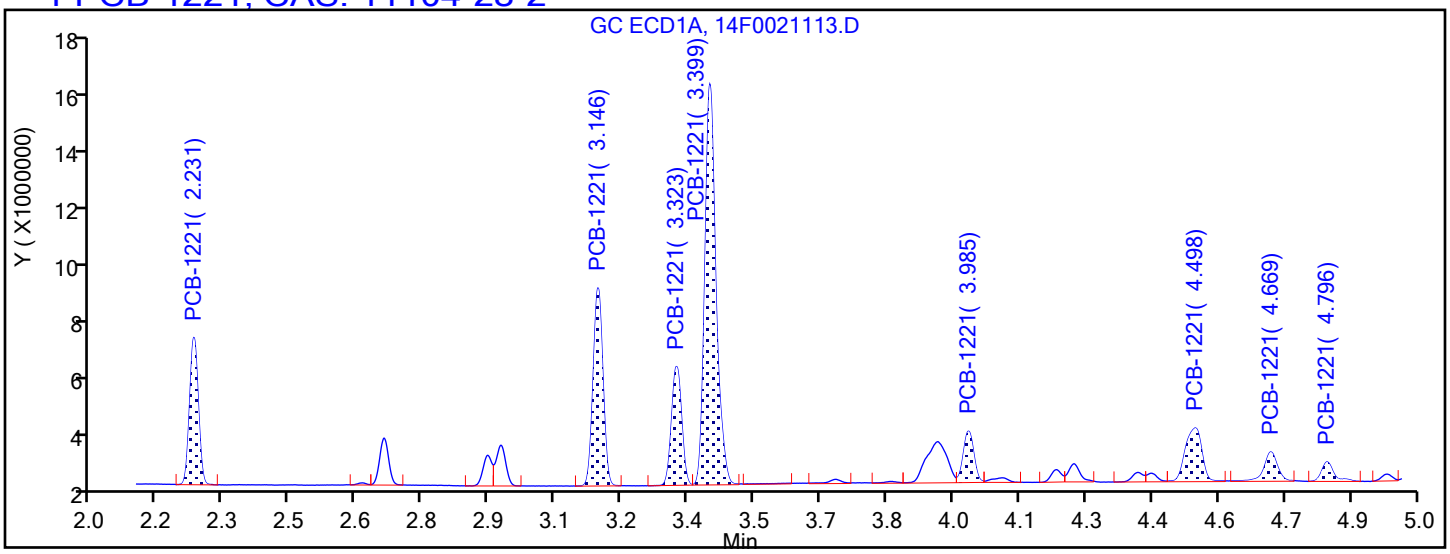


Report Date: 03-Mar-2022 11:14:15 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

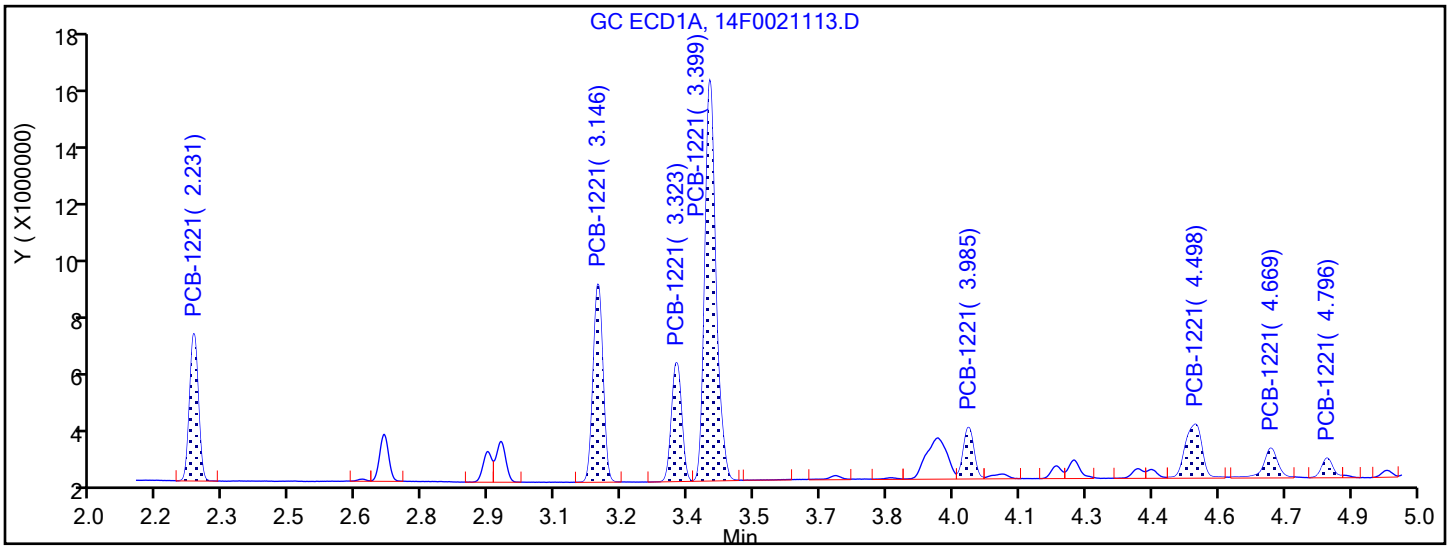
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021113.D
Injection Date: 02-Mar-2022 20:29:49 Instrument ID: CPESTGC14
Lims ID: IC 1221
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

1 PCB-1221, CAS: 11104-28-2



Processing Integration Results

2.231	Response = 6864916
3.146	Response = 10347315
3.323	Response = 6428160
3.399	Response = 23728415
3.985	Response = 2918975
4.498	Response = 4732837
4.669	Response = 2141760
4.796	Response = 1273496



Manual Integration Results

2.231	Response = 6864916	
3.146	Response = 10347315	
3.323	Response = 6432156	M
3.399	Response = 23682605	M
3.985	Response = 2943896	M
4.498	Response = 4802490	M

Calibration / PCB-1221 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

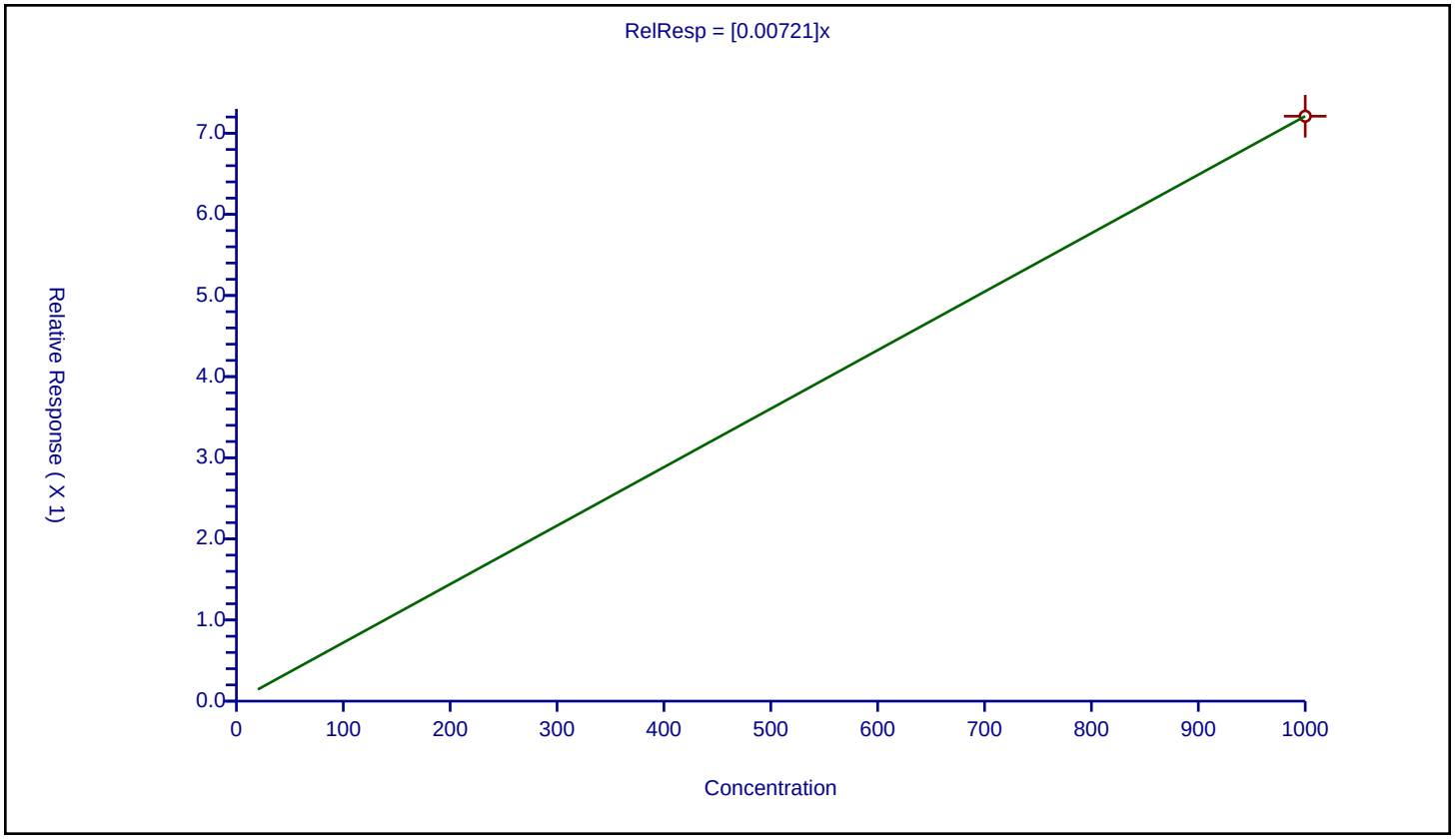
Curve Coefficients

Intercept:	0
Slope:	0.00721

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/9	1000.0	7.209713	20.0	19043520.0	0.00721	Y



Calibration / PCB-1221 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

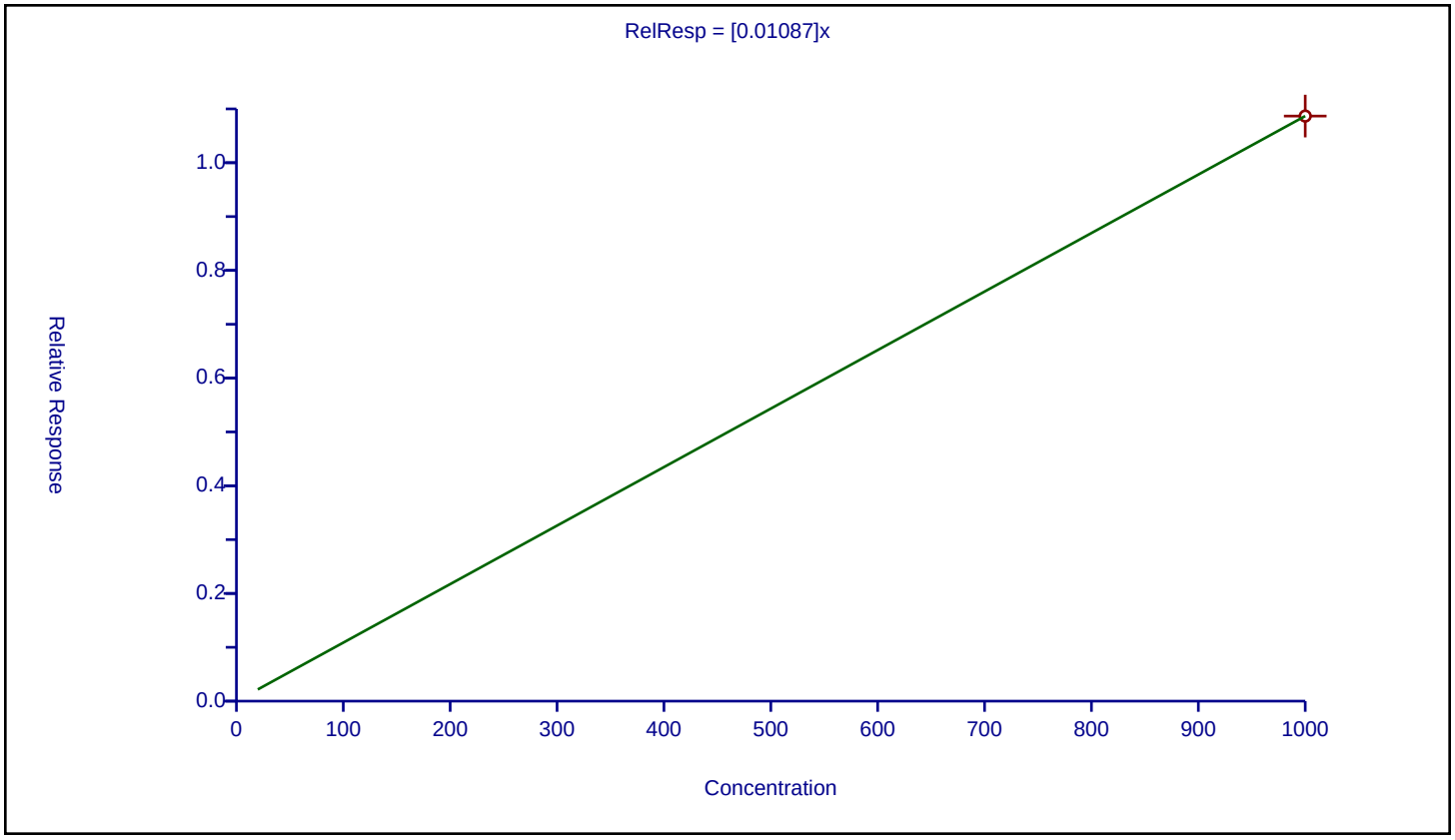
Curve Coefficients

Intercept:	0
Slope:	0.01087

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/9	1000.0	10.867019	20.0	19043520.0	0.010867	Y



Calibration / PCB-1221 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

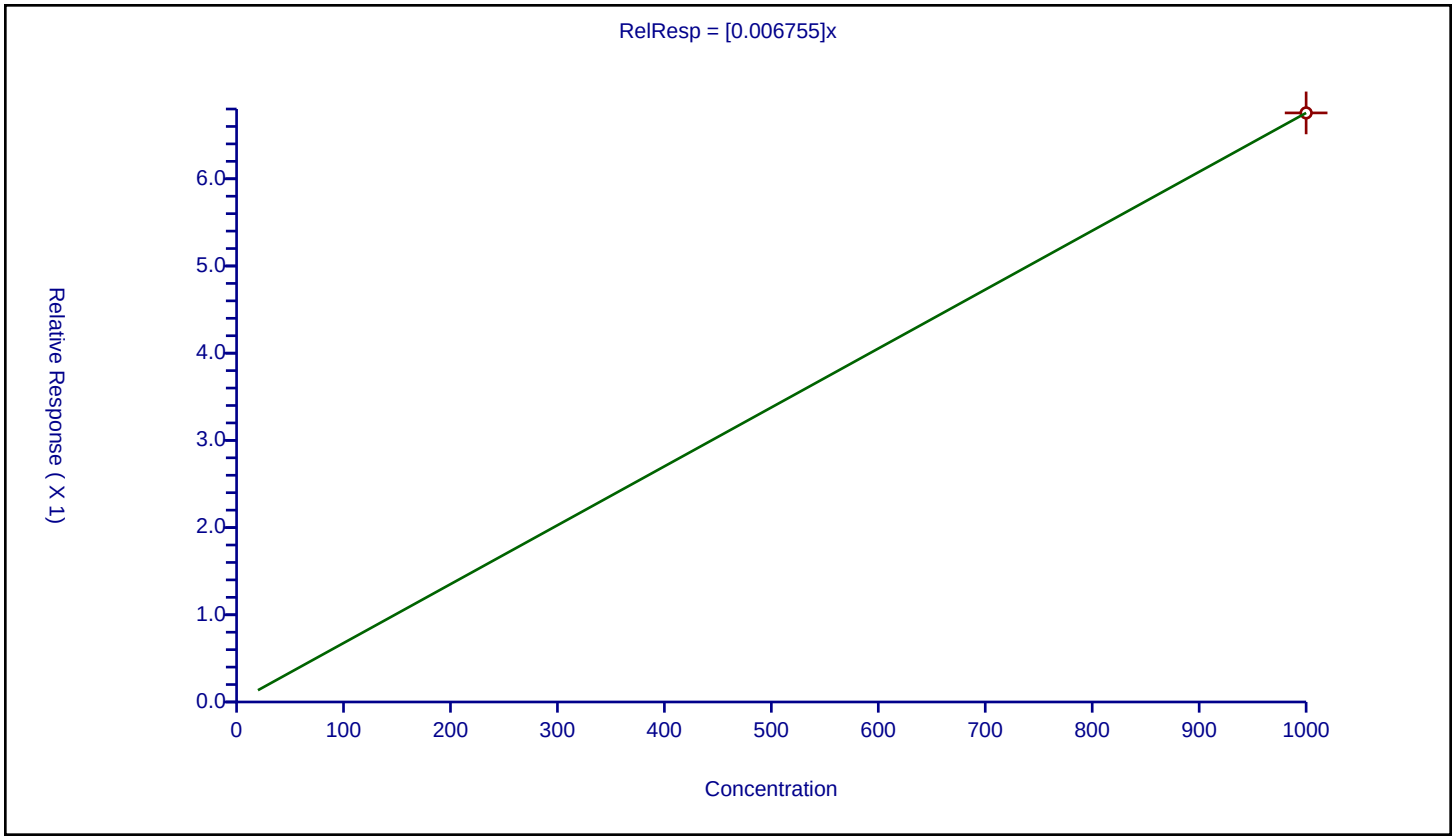
Curve Coefficients

Intercept:	0
Slope:	0.006755

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/9	1000.0	6.755218	20.0	19043520.0	0.006755	Y



Calibration / PCB-1221 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

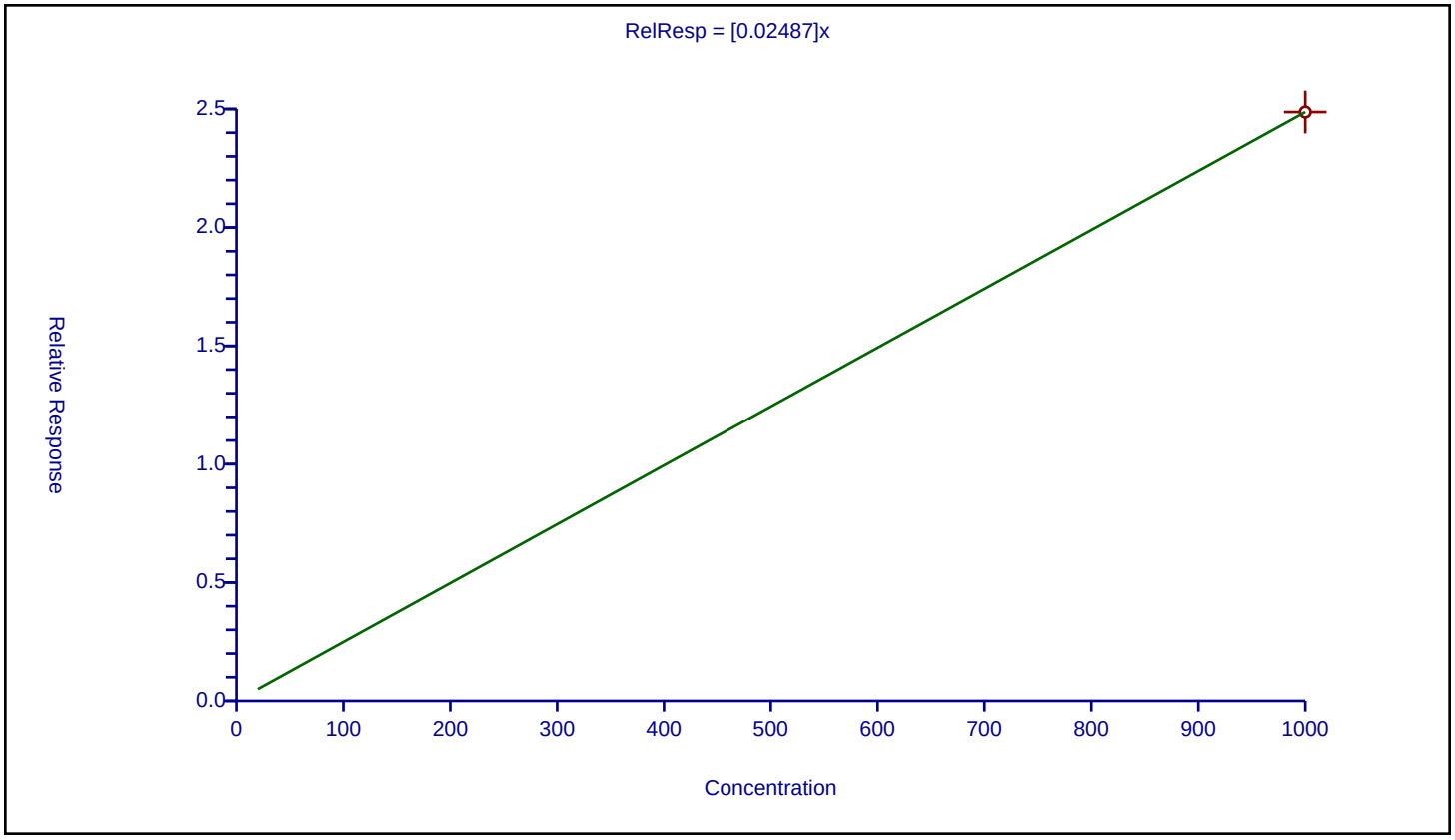
Curve Coefficients

Intercept:	0
Slope:	0.02487

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/9	1000.0	24.872088	20.0	19043520.0	0.024872	Y



Calibration / PCB-1221 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

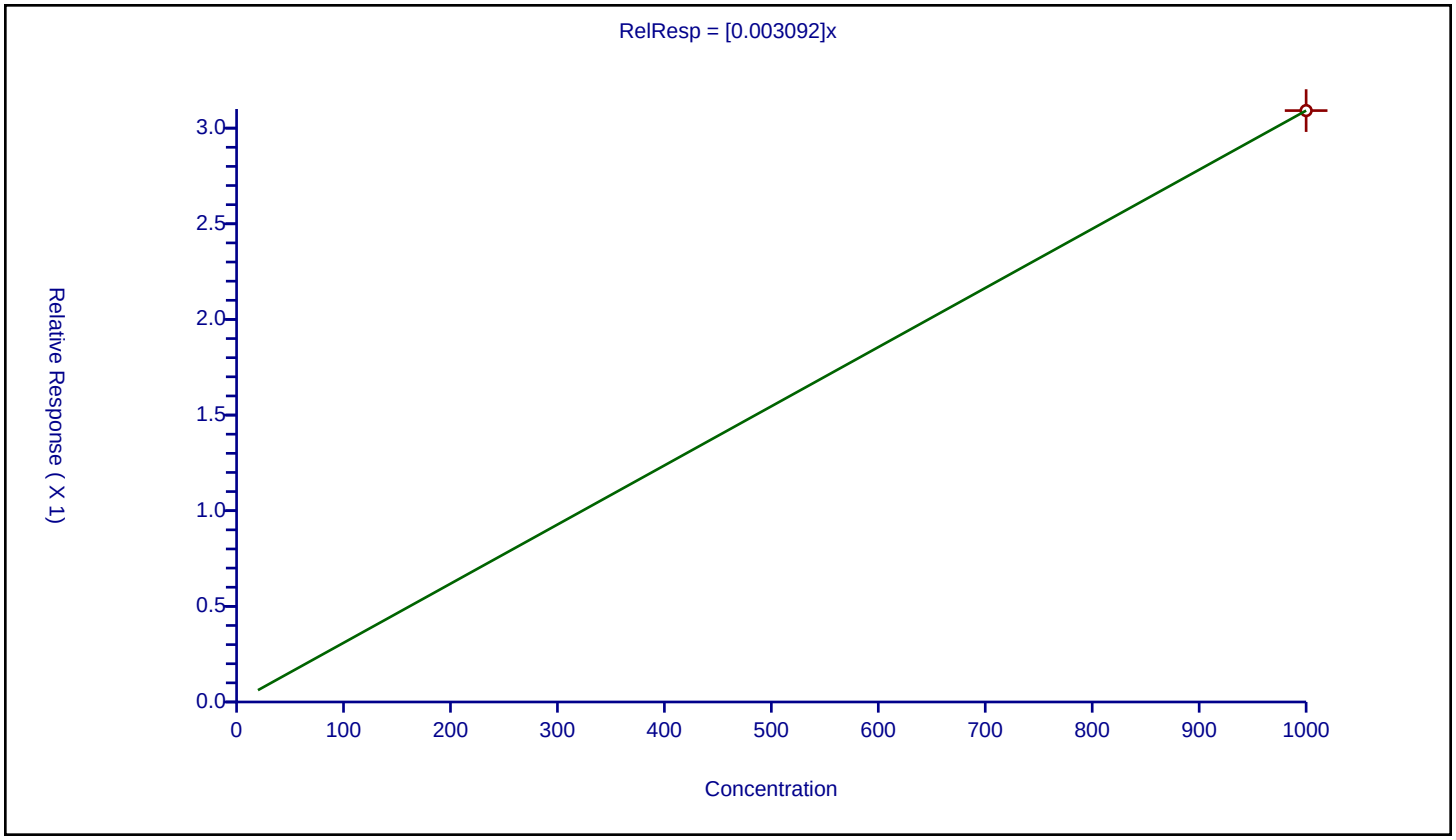
Curve Coefficients

Intercept:	0
Slope:	0.003092

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/9	1000.0	3.091756	20.0	19043520.0	0.003092	Y



Calibration / PCB-1221 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

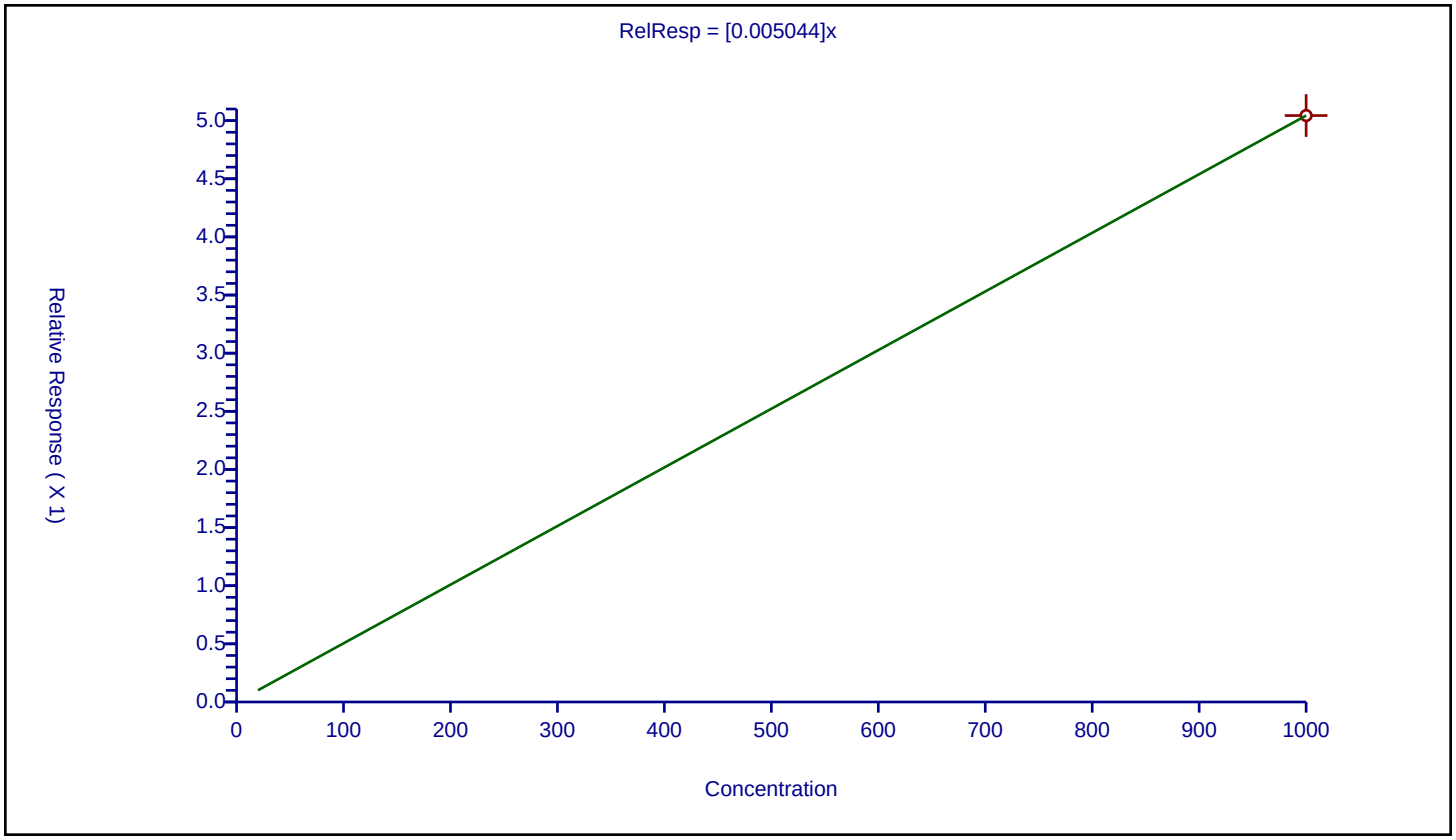
Curve Coefficients

Intercept:	0
Slope:	0.005044

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/9	1000.0	5.0437	20.0	19043520.0	0.005044	Y



Calibration / PCB-1221 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

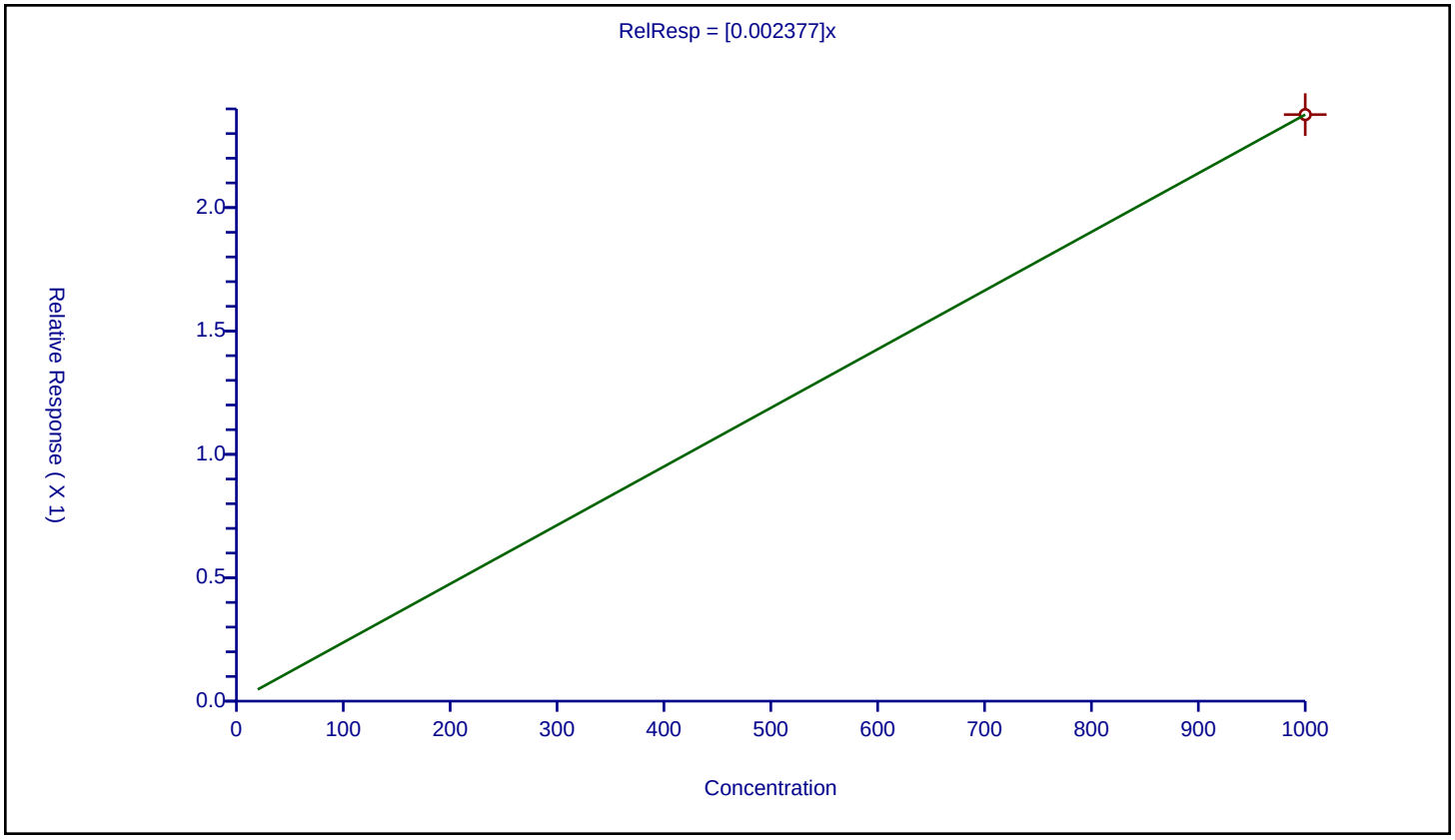
Curve Coefficients

Intercept:	0
Slope:	0.002377

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/9	1000.0	2.376759	20.0	19043520.0	0.002377	Y



Calibration / PCB-1221 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

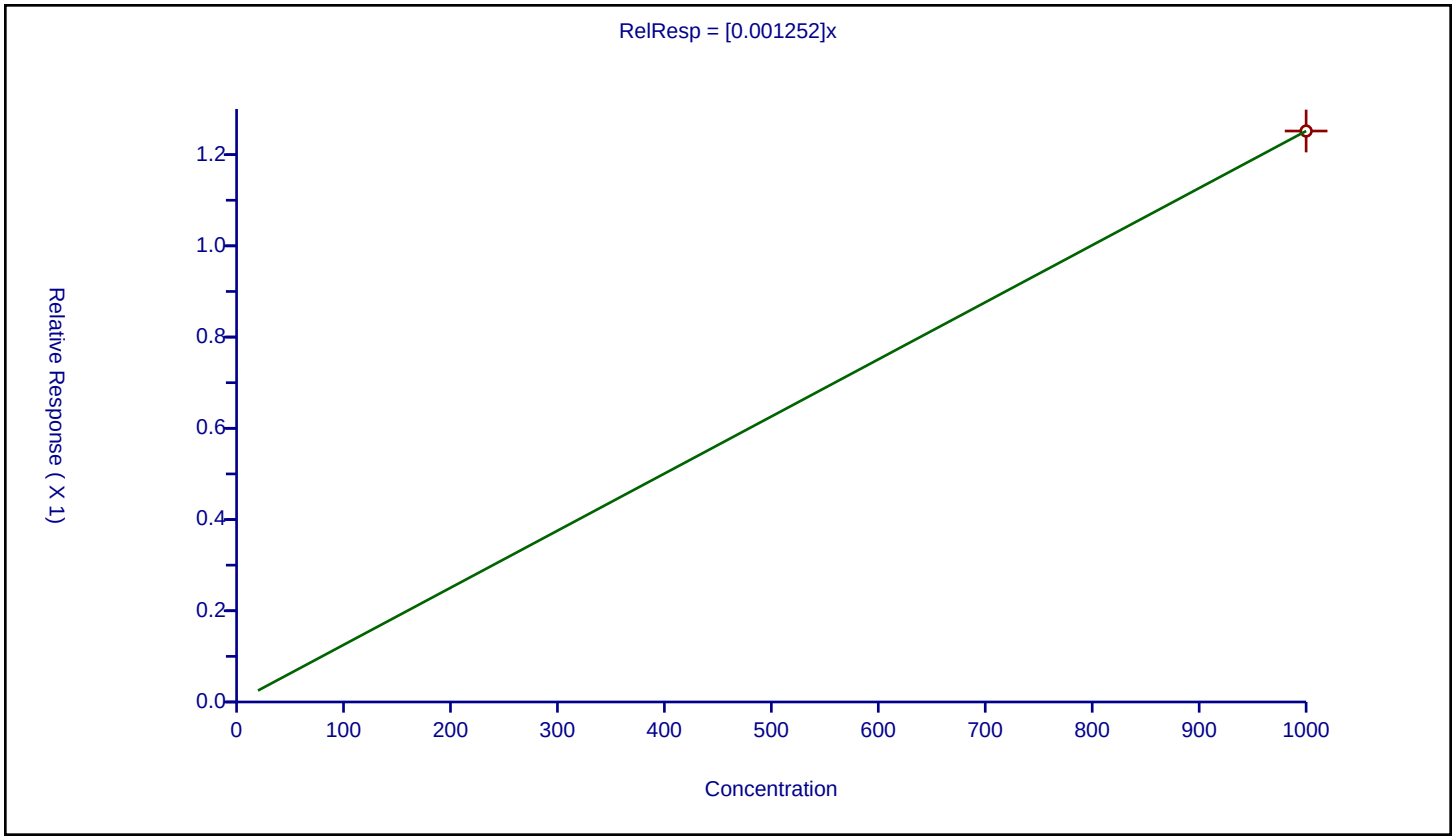
Curve Coefficients

Intercept:	0
Slope:	0.001252

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/9	1000.0	1.251758	20.0	19043520.0	0.001252	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 20:29 Calibration End Date: 03/02/2022 20:29 Calibration ID: 89414

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/9	14F0021113.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1221 Peak 1	0.0076					Ave		0.0076						20.0			
PCB-1221 Peak 2	0.0115					Ave		0.0115						20.0			
PCB-1221 Peak 3	0.0073					Ave		0.0073						20.0			
PCB-1221 Peak 4	0.0273					Ave		0.0273						20.0			
PCB-1221 Peak 5	0.0036					Ave		0.0036						20.0			
PCB-1221 Peak 6	0.0038					Ave		0.0038						20.0			
PCB-1221 Peak 7	0.0058					Ave		0.0058						20.0			
PCB-1221 Peak 8	0.0025					Ave		0.0025						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 20:29 Calibration End Date: 03/02/2022 20:29 Calibration ID: 89414

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/9	14F0021113.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	11266948					1000				
PCB-1221 Peak 2	BNB	Ave	17141305					1000				
PCB-1221 Peak 3	BNB	Ave	10813911					1000				
PCB-1221 Peak 4	BNB	Ave	40640374					1000				
PCB-1221 Peak 5	BNB	Ave	5382874					1000				
PCB-1221 Peak 6	BNB	Ave	5623777					1000				
PCB-1221 Peak 7	BNB	Ave	8704154					1000				
PCB-1221 Peak 8	BNB	Ave	3736606					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021113.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 20:29:49 ALS Bottle#: 12 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:14 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:08:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.754	1.754	0.000	19043520	20.0	20.0	
2	1.543	1.543	0.000	29808436	20.0	20.0	
						RPD = 0.00	
1 PCB-1221							M
1	2.231	2.231	0.000	6864916	1000.0	1000.0	
1	3.146	3.146	0.000	10347315	1000.0	1000.0	
1	3.323	3.323	0.000	6432156	1000.0	1000.0	M
1	3.399	3.399	0.000	23682605	1000.0	1000.0	M
1	3.985	3.985	0.000	2943896	1000.0	1000.0	M
1	4.498	4.498	0.000	4802490	1000.0	1000.0	M
1	4.669	4.669	0.000	2263093	1000.0	1000.0	M
1	4.796	4.796	0.000	1191894	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	1.747	1.747	0.000	11266948	1000.0	1000.0	
2	2.449	2.449	0.000	17141305	1000.0	1000.0	
2	2.610	2.610	0.000	10813911	1000.0	1000.0	M
2	2.653	2.653	0.000	40640374	1000.0	1000.0	M
2	3.052	3.052	0.000	5382874	1000.0	1000.0	M
2	3.192	3.192	0.000	5623777	1000.0	1000.0	M
2	3.586	3.586	0.000	8704154	1000.0	1000.0	M
2	3.738	3.738	0.000	3736606	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1221L4_00032	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

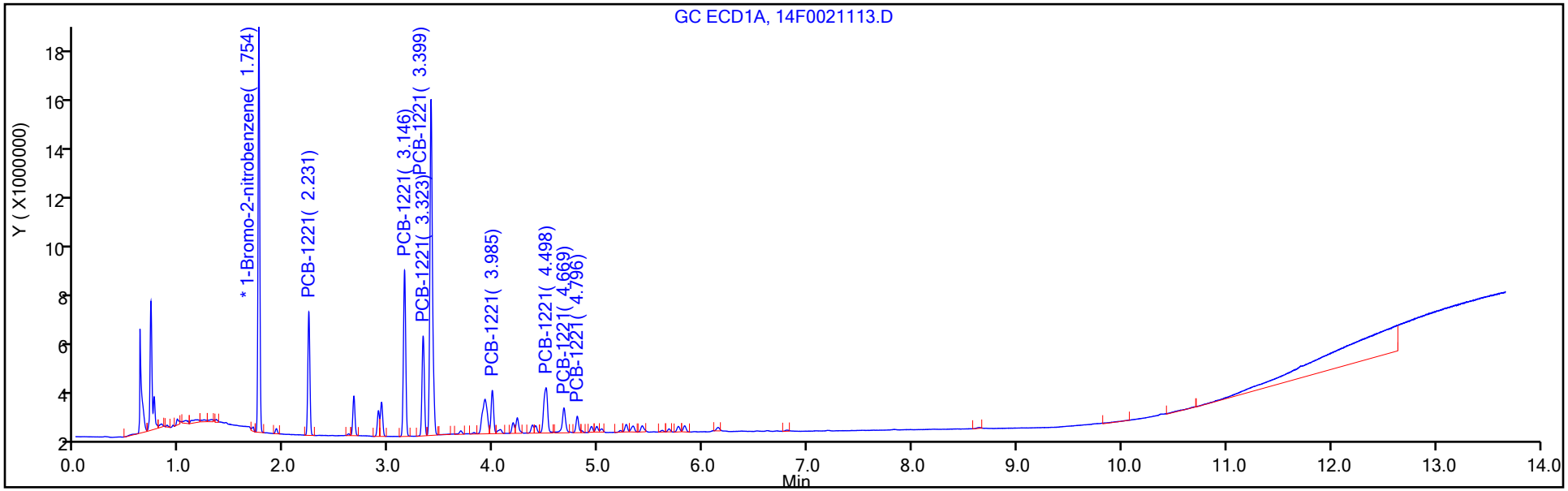
Report Date: 03-Mar-2022 11:14:15 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

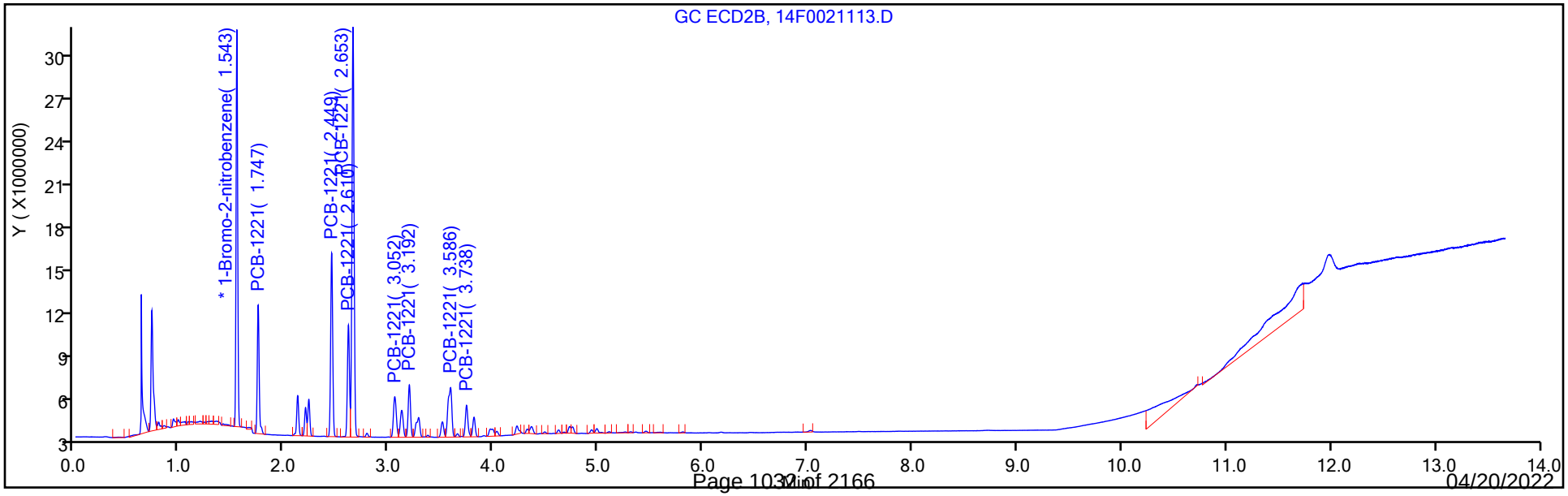
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021113.D

Injection Date:	02-Mar-2022 20:29:49	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC 1221			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)

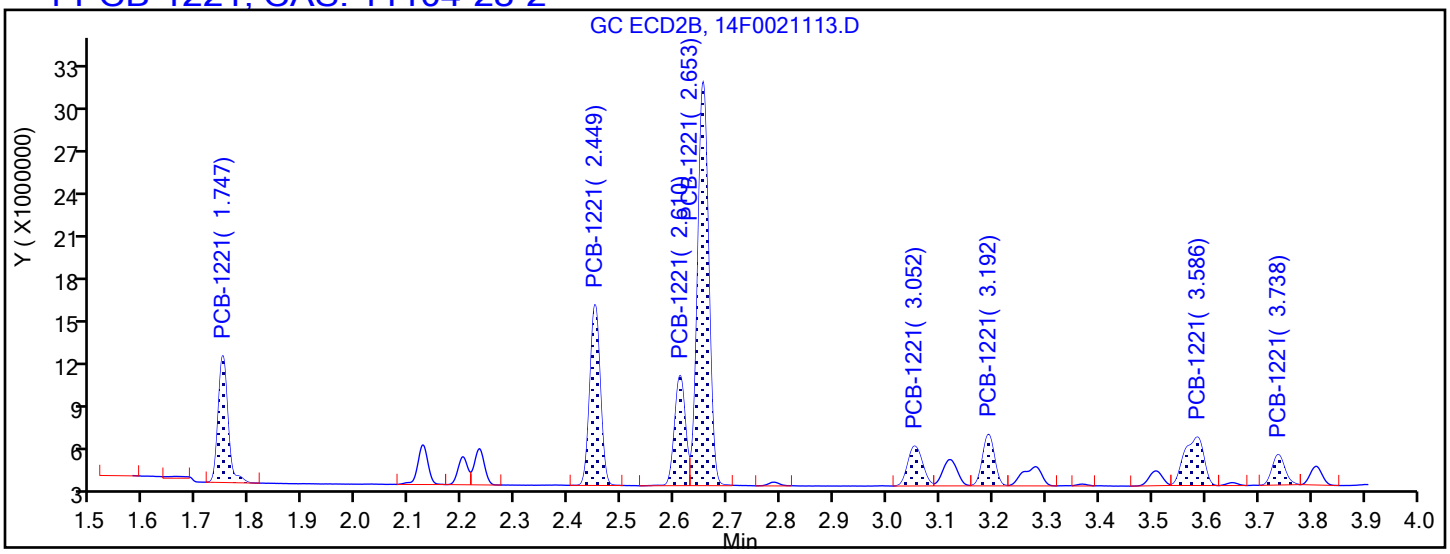


Report Date: 03-Mar-2022 11:14:15 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

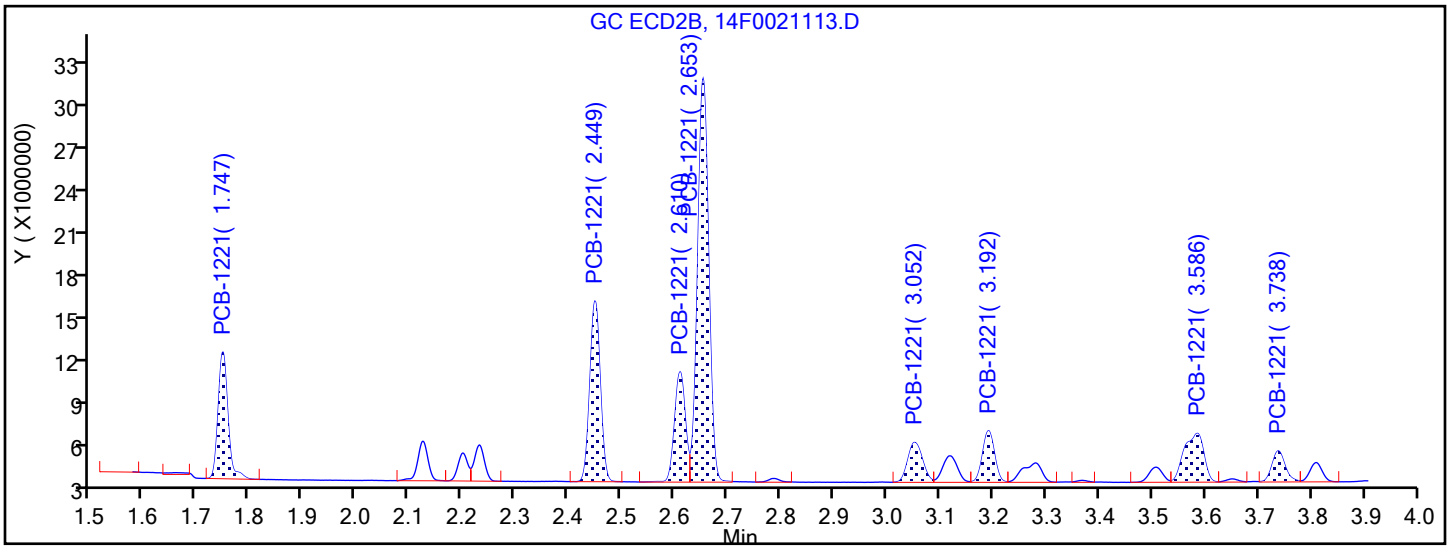
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021113.D
Injection Date: 02-Mar-2022 20:29:49 Instrument ID: CPESTGC14
Lims ID: IC 1221
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

1 PCB-1221, CAS: 11104-28-2



Processing Integration Results

1.747	Response = 11266948
2.449	Response = 17141305
2.610	Response = 10761816
2.653	Response = 40565768
3.052	Response = 5340395
3.192	Response = 5565727
3.586	Response = 8543569
3.738	Response = 3504297



Manual Integration Results

1.747	Response = 11266948	
2.449	Response = 17141305	
2.610	Response = 10813911	M
2.653	Response = 40640374	M
3.052	Response = 5382874	M
3.192	Response = 5623777	M

Calibration / PCB-1221 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

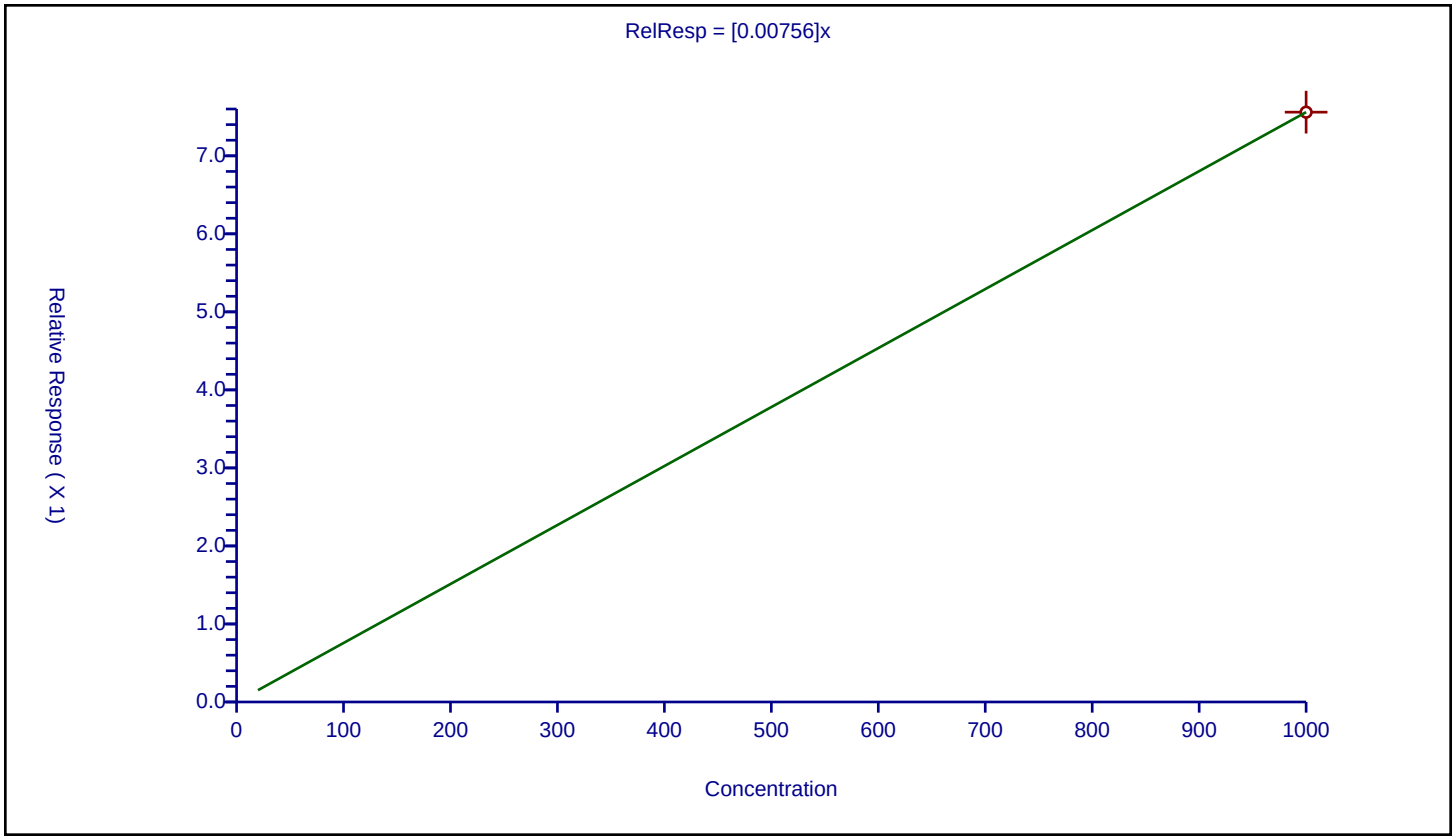
Curve Coefficients

Intercept:	0
Slope:	0.00756

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/9	1000.0	7.55957	20.0	29808436.0	0.00756	Y



Calibration / PCB-1221 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

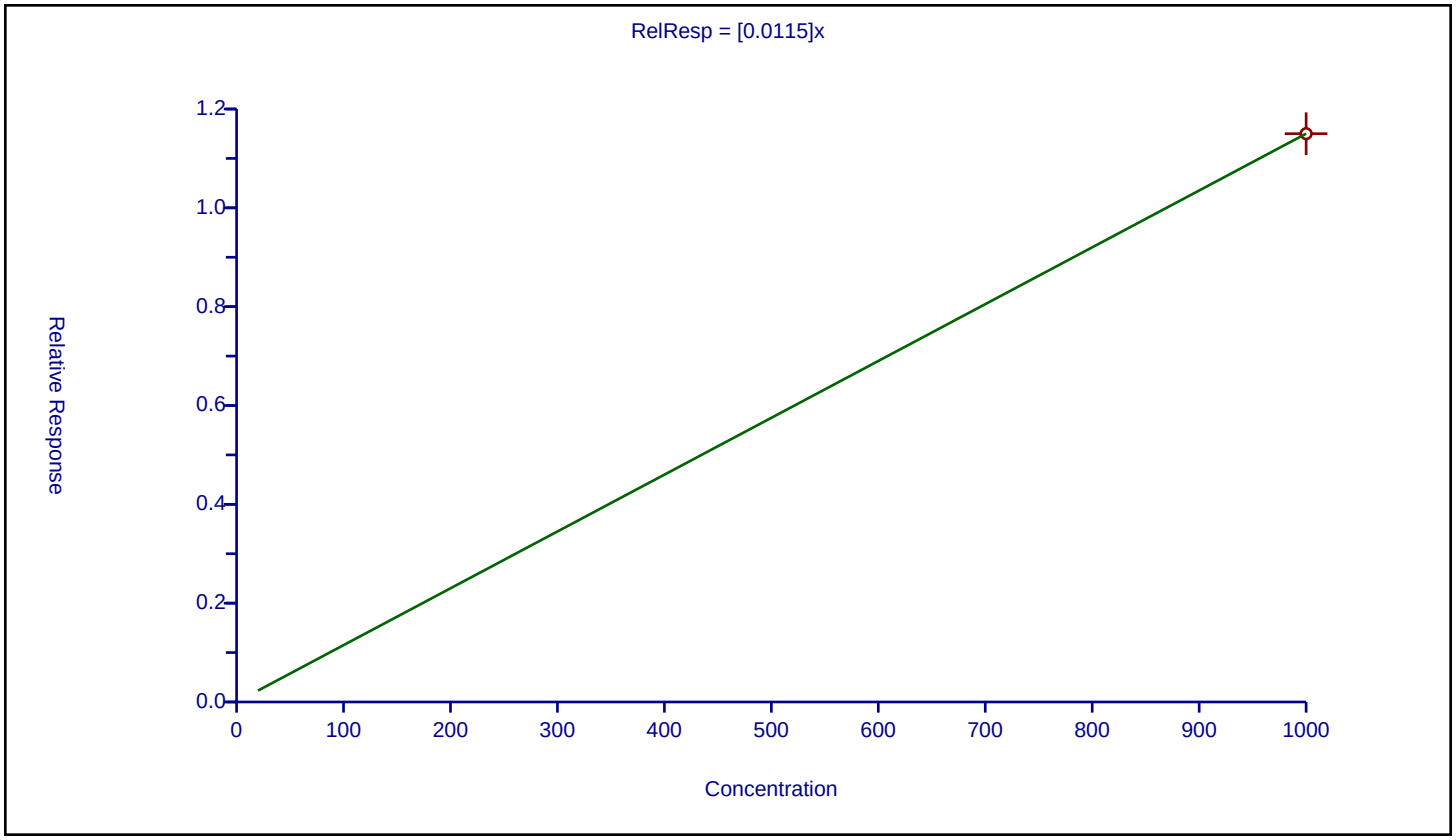
Curve Coefficients

Intercept:	0
Slope:	0.0115

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/9	1000.0	11.500976	20.0	29808436.0	0.011501	Y



Calibration / PCB-1221 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

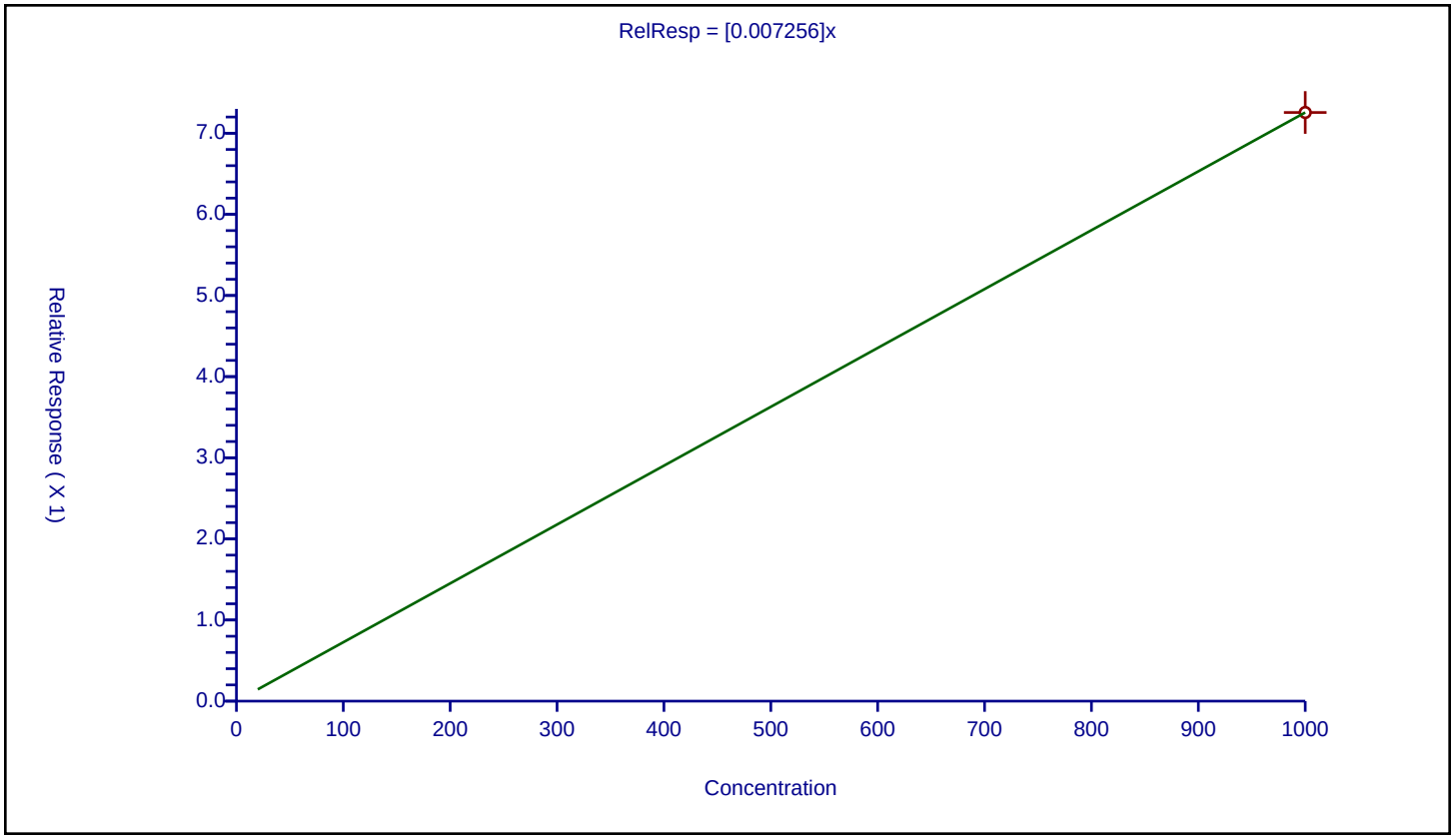
Curve Coefficients

Intercept:	0
Slope:	0.007256

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/9	1000.0	7.255604	20.0	29808436.0	0.007256	Y



Calibration / PCB-1221 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

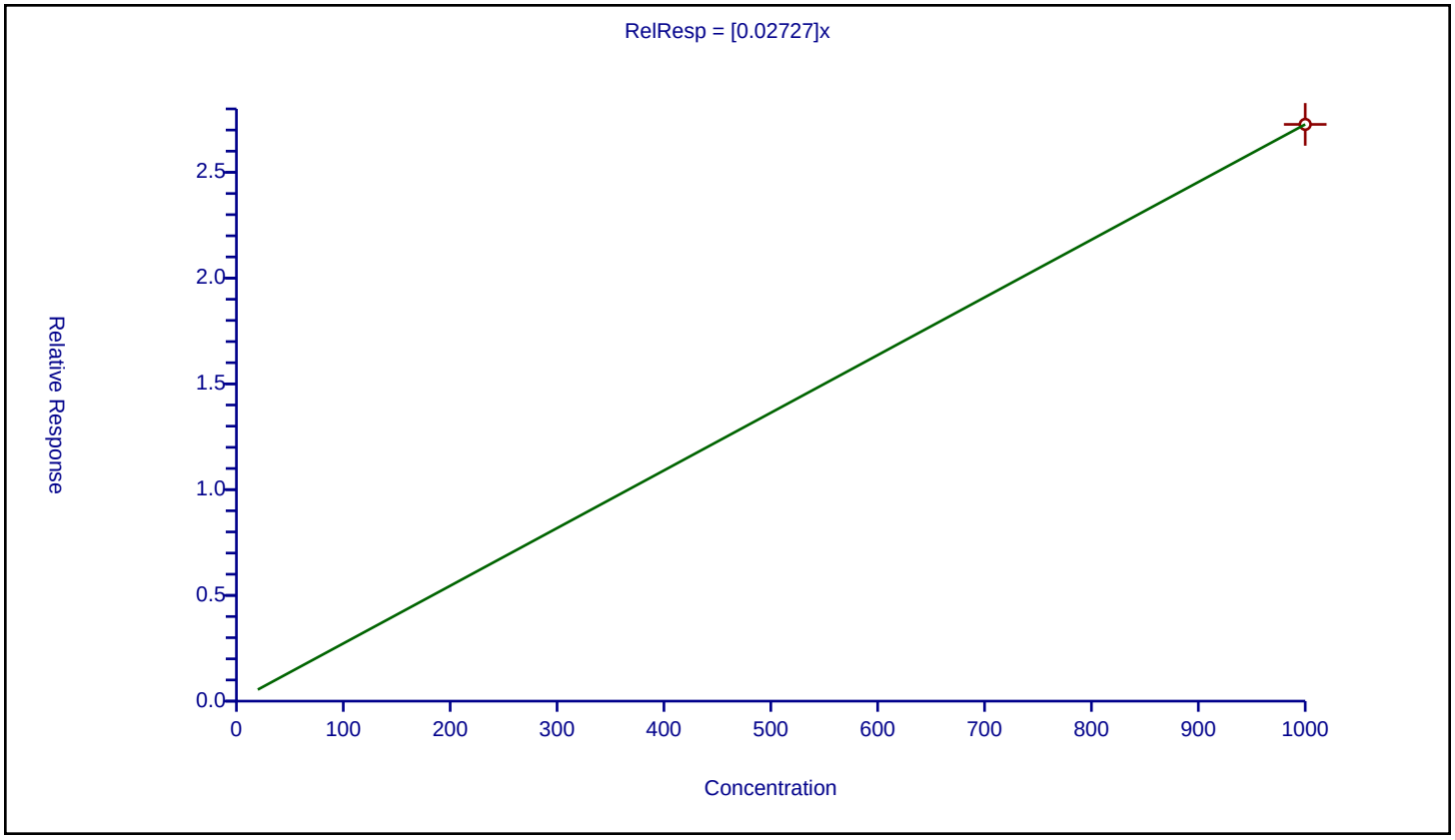
Curve Coefficients

Intercept:	0
Slope:	0.02727

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/9	1000.0	27.2677	20.0	29808436.0	0.027268	Y



Calibration / PCB-1221 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

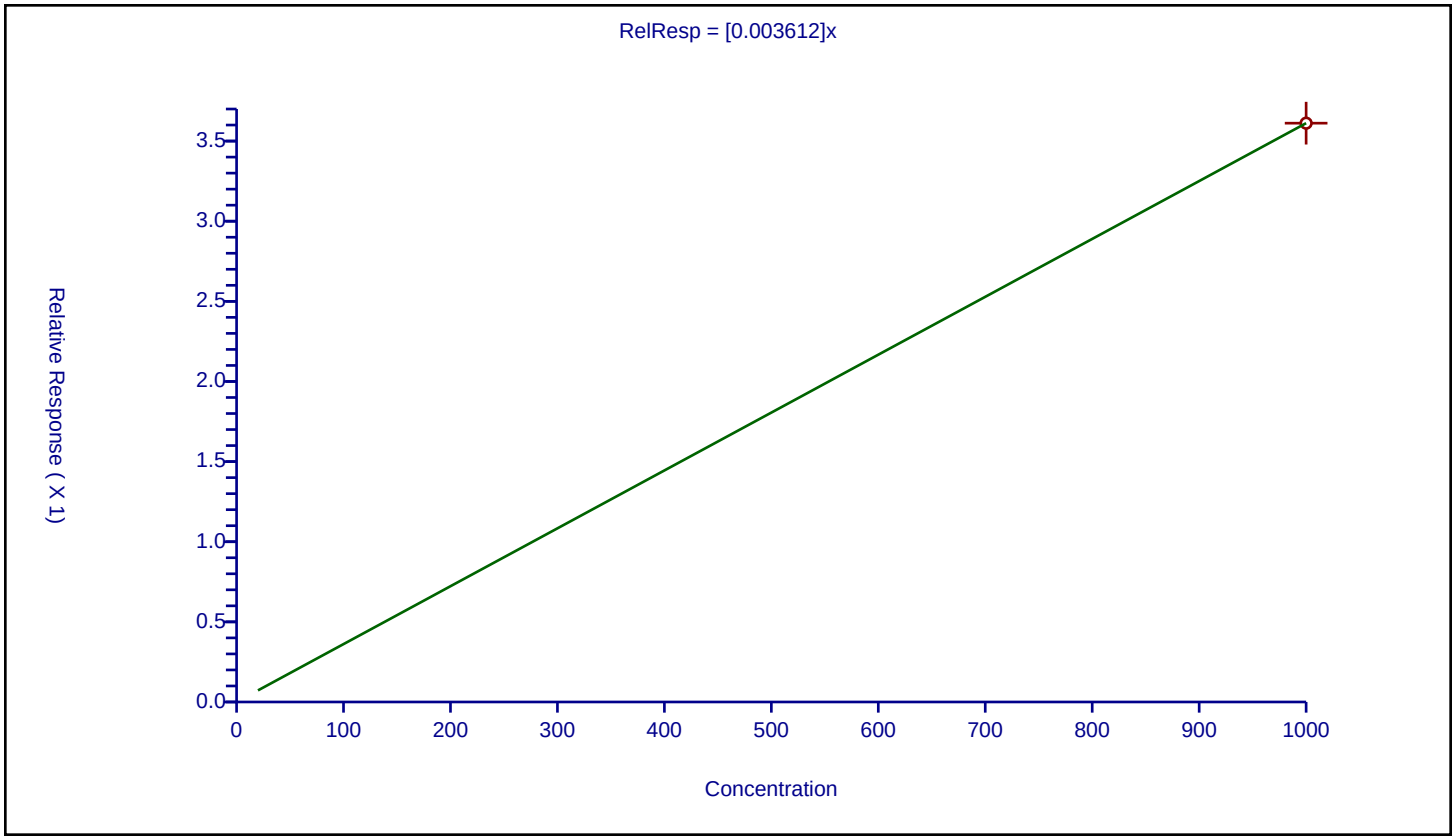
Curve Coefficients

Intercept:	0
Slope:	0.003612

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/9	1000.0	3.611645	20.0	29808436.0	0.003612	Y



Calibration / PCB-1221 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

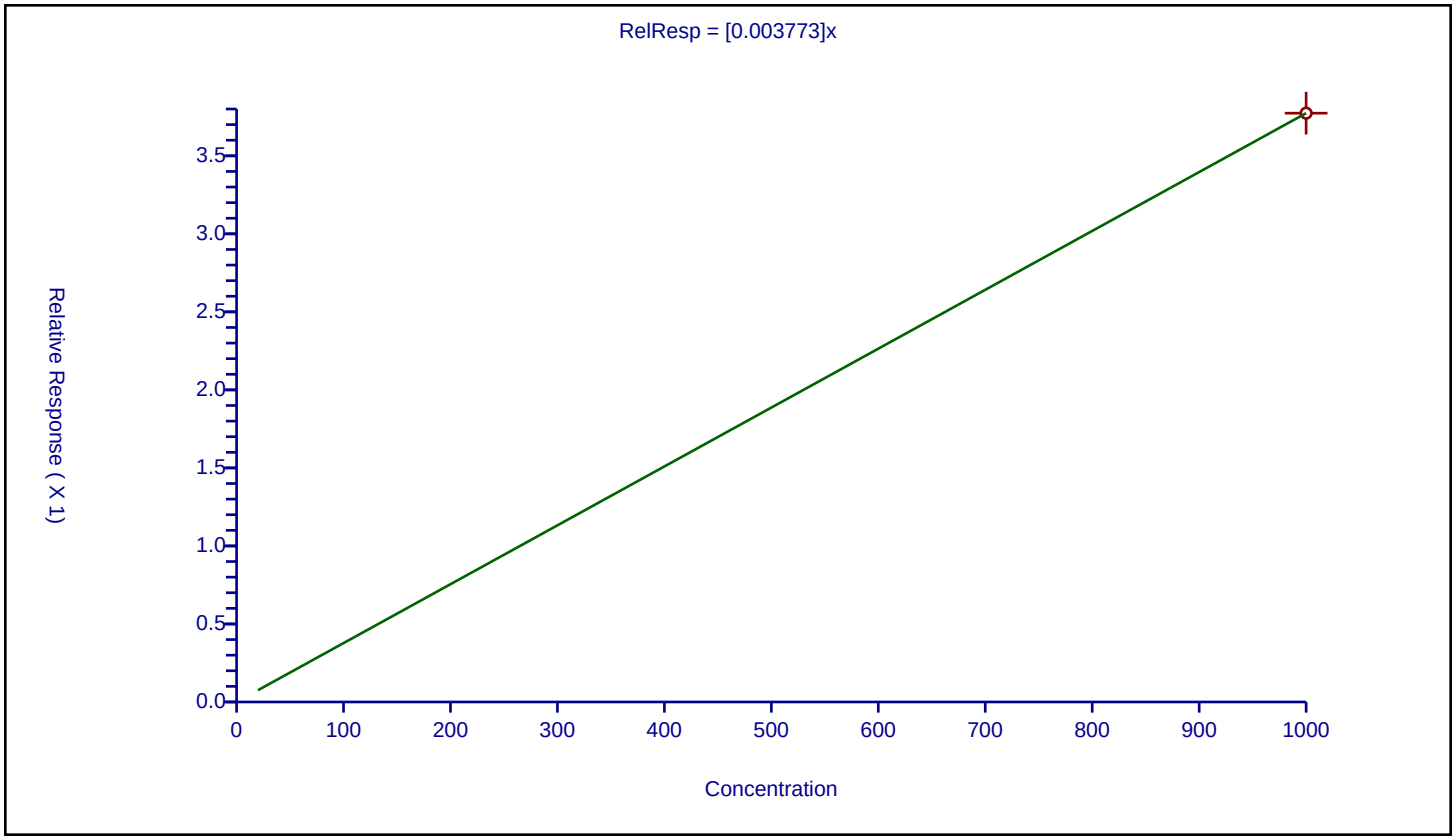
Curve Coefficients

Intercept:	0
Slope:	0.003773

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/9	1000.0	3.773279	20.0	29808436.0	0.003773	Y



Calibration / PCB-1221 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

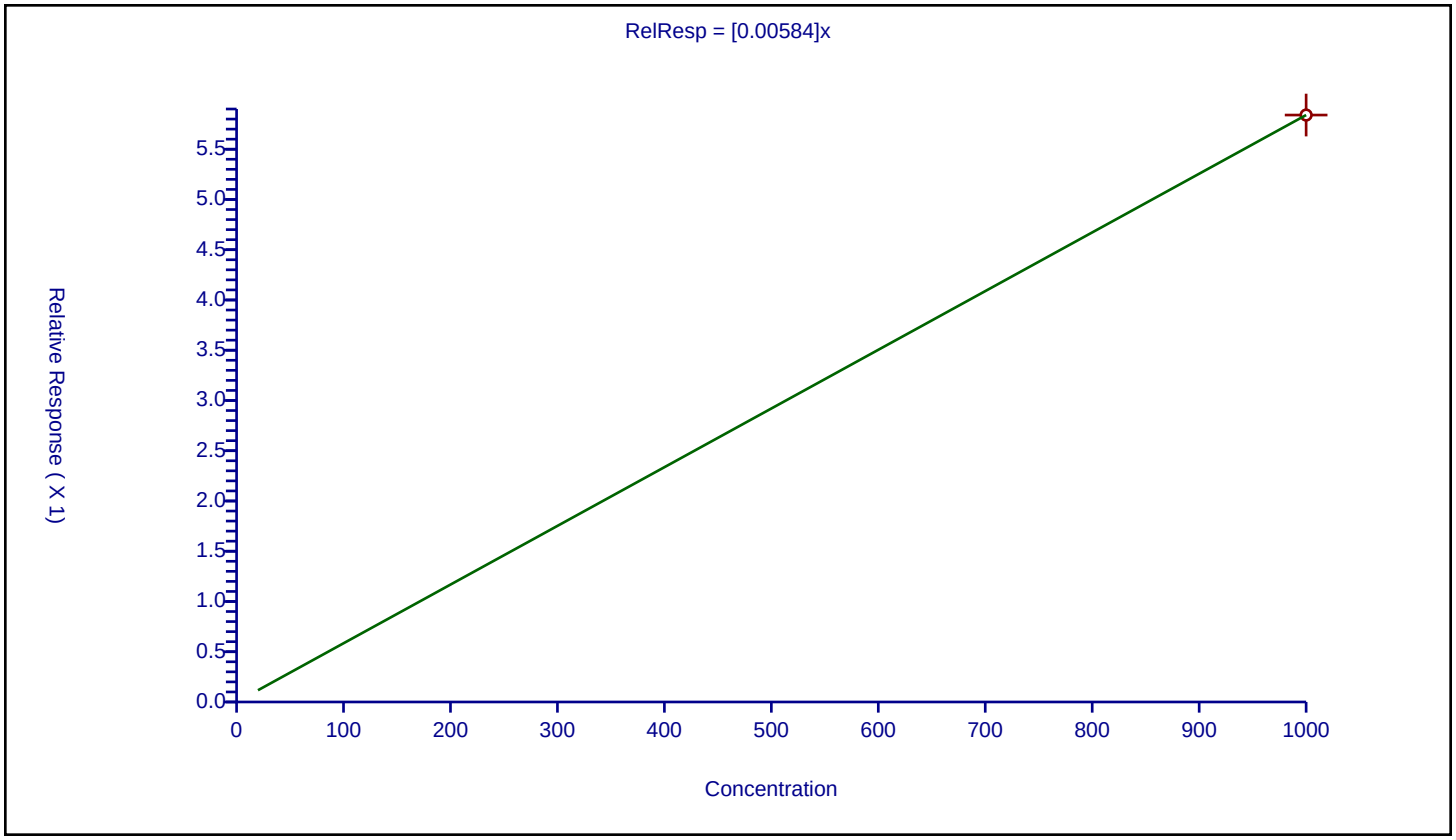
Curve Coefficients

Intercept:	0
Slope:	0.00584

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/9	1000.0	5.840061	20.0	29808436.0	0.00584	Y



Calibration / PCB-1221 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

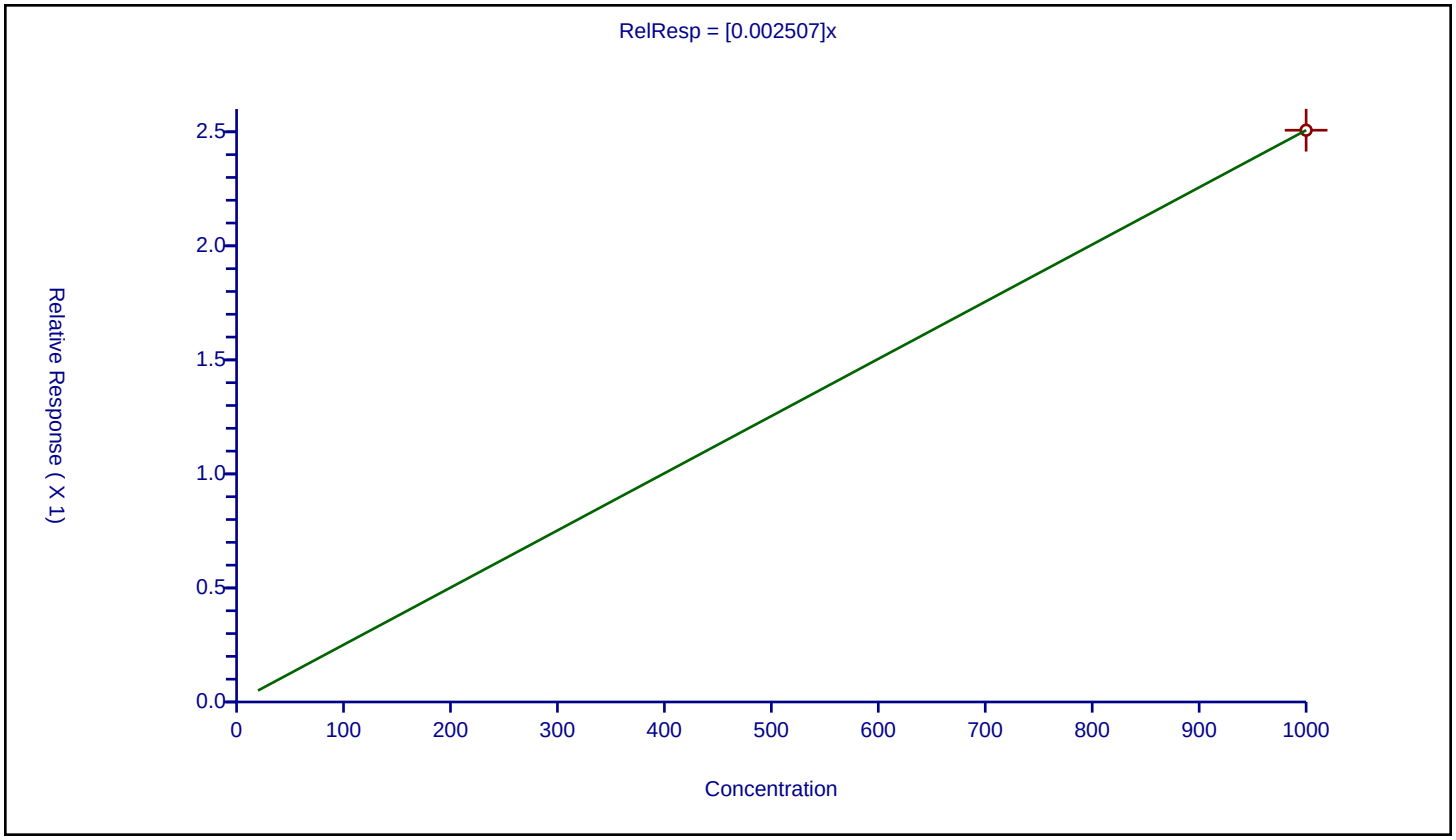
Curve Coefficients

Intercept:	0
Slope:	0.002507

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/9	1000.0	2.50708	20.0	29808436.0	0.002507	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 20:46 Calibration End Date: 03/02/2022 20:46 Calibration ID: 89419

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/10	14F0021114.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1232 Peak 1	0.0207					Ave		0.0207						20.0			
PCB-1232 Peak 2	0.0165					Ave		0.0165						20.0			
PCB-1232 Peak 3	0.0316					Ave		0.0316						20.0			
PCB-1232 Peak 4	0.0124					Ave		0.0124						20.0			
PCB-1232 Peak 5	0.0078					Ave		0.0078						20.0			
PCB-1232 Peak 6	0.0090					Ave		0.0090						20.0			
PCB-1232 Peak 7	0.0090					Ave		0.0090						20.0			
PCB-1232 Peak 8	0.0102					Ave		0.0102						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 20:46 Calibration End Date: 03/02/2022 20:46 Calibration ID: 89419

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/10	14F0021114.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	20250457					1000				
PCB-1232 Peak 2	BNB	Ave	16125016					1000				
PCB-1232 Peak 3	BNB	Ave	30918988					1000				
PCB-1232 Peak 4	BNB	Ave	12129707					1000				
PCB-1232 Peak 5	BNB	Ave	7638213					1000				
PCB-1232 Peak 6	BNB	Ave	8785495					1000				
PCB-1232 Peak 7	BNB	Ave	8764801					1000				
PCB-1232 Peak 8	BNB	Ave	9969583					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021114.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 20:46:23 ALS Bottle#: 13 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub3

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:10:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.754	1.754	0.000	19556151	20.0	20.0	
2	1.544	1.544	0.000	30520379	20.0	20.0	
						RPD = 0.00	
3 PCB-1232							M
1	3.399	3.399	0.000	20250457	1000.0	1000.0	
1	3.918	3.918	0.000	16125016	1000.0	1000.0	M
1	4.496	4.496	0.000	30918988	1000.0	1000.0	M
1	4.668	4.668	0.000	12129707	1000.0	1000.0	M
1	4.796	4.796	0.000	7638213	1000.0	1000.0	M
1	5.264	5.264	0.000	8785495	1000.0	1000.0	M
1	5.763	5.763	0.000	8764801	1000.0	1000.0	M
1	5.822	5.822	0.000	9969583	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.654	2.654	0.000	34525143	1000.0	1000.0	
2	3.052	3.052	0.000	27194164	1000.0	1000.0	M
2	3.281	3.281	0.000	18006417	1000.0	1000.0	M
2	3.585	3.585	0.000	57809487	1000.0	1000.0	
2	3.739	3.739	0.000	23140578	1000.0	1000.0	
2	3.809	3.809	0.000	14065584	1000.0	1000.0	
2	4.220	4.220	0.000	20733294	1000.0	1000.0	
2	4.724	4.724	0.000	30648477	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1232L4_00034	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 03-Mar-2022 11:14:17 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021114.D

Injection Date: 02-Mar-2022 20:46:23 Instrument ID: CPESTGC14 Operator ID:

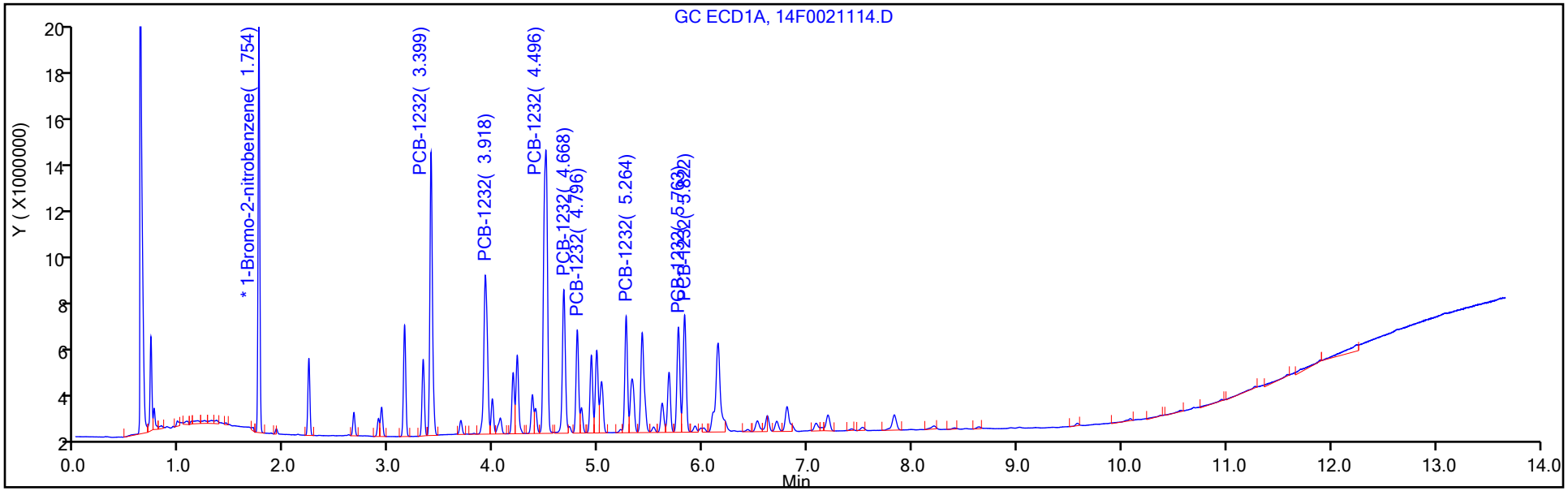
Lims ID: IC 1232 Worklist Smp#: 10

Client ID:

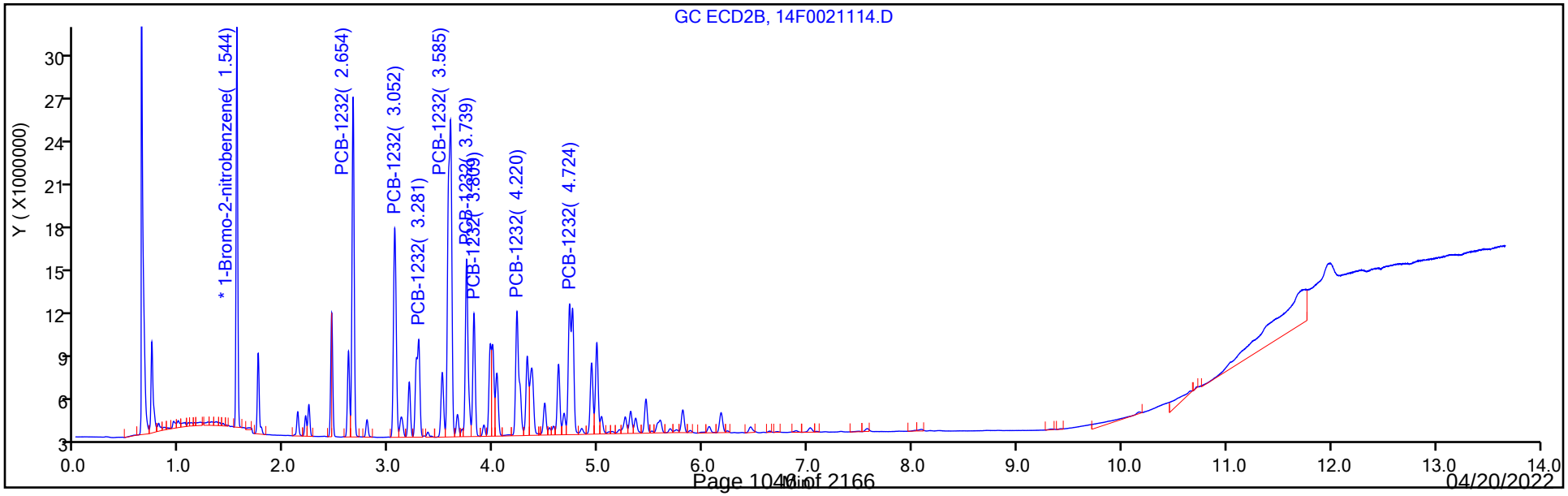
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 13

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)

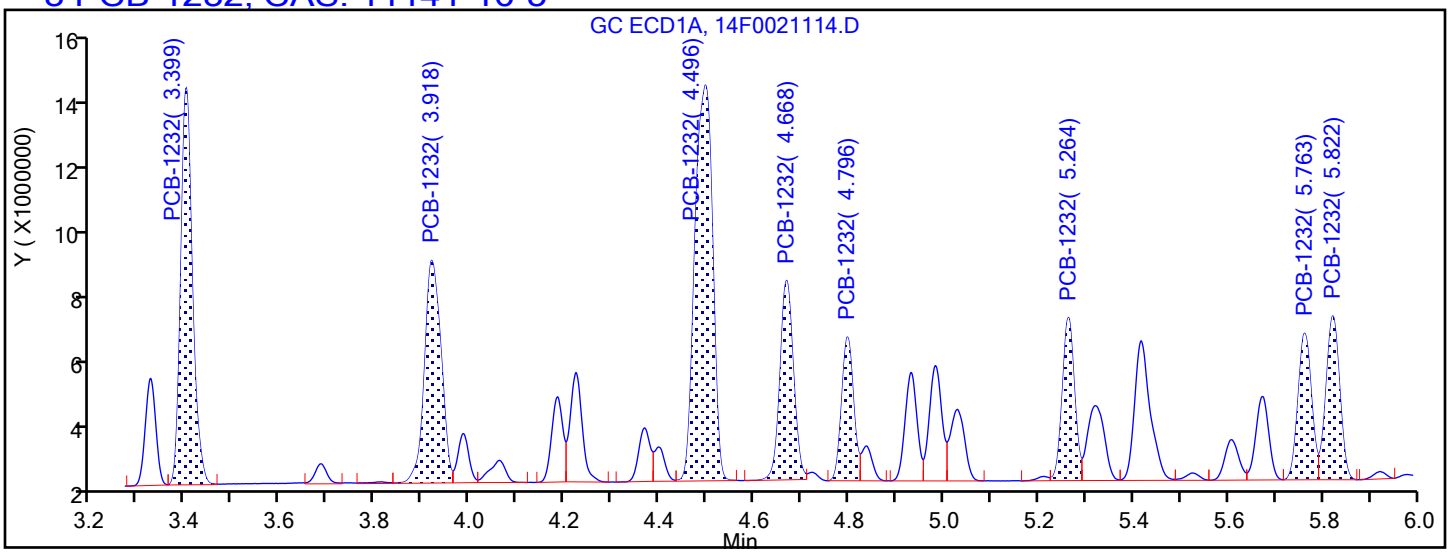


Report Date: 03-Mar-2022 11:14:17 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

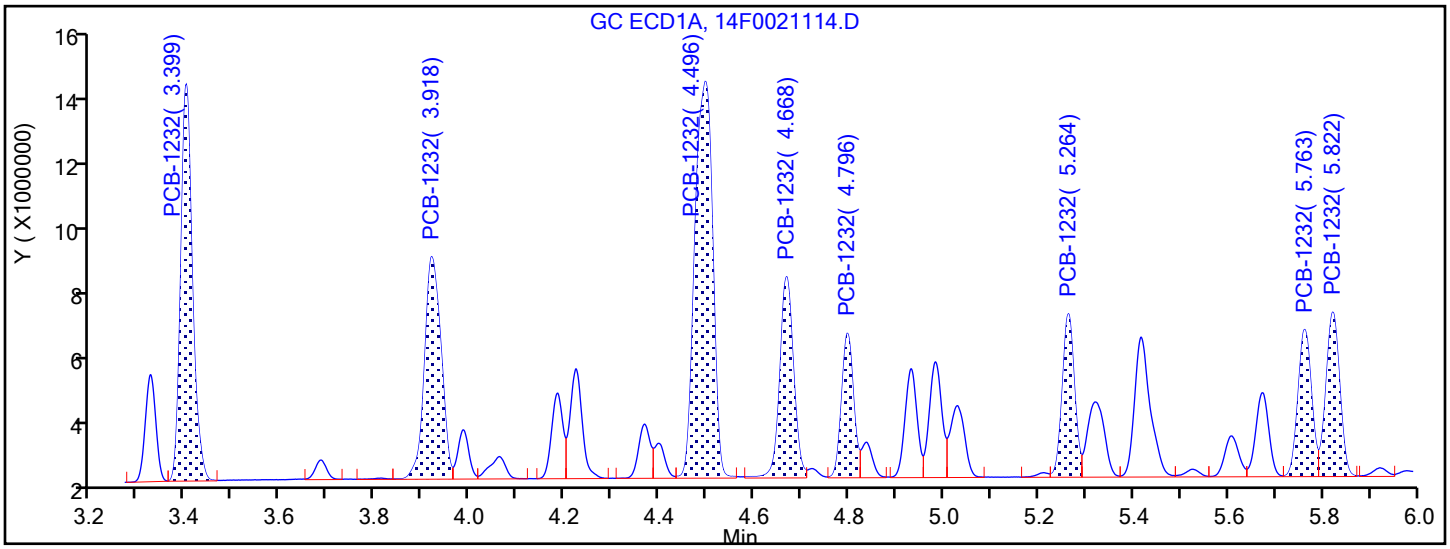
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021114.D
Injection Date: 02-Mar-2022 20:46:23 Instrument ID: CPESTGC14
Lims ID: IC 1232
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

3 PCB-1232, CAS: 11141-16-5



Processing Integration Results

3.399	Response = 20250457
3.918	Response = 16162111
4.496	Response = 30680350
4.668	Response = 11734036
4.796	Response = 7542150
5.264	Response = 8742179
5.763	Response = 8686829
5.822	Response = 9889711



Manual Integration Results

3.399	Response = 20250457	
3.918	Response = 16125016	M
4.496	Response = 30918988	M
4.668	Response = 12129707	M
4.796	Response = 7638213	M
5.264	Response = 8785495	M

Calibration / PCB-1232 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

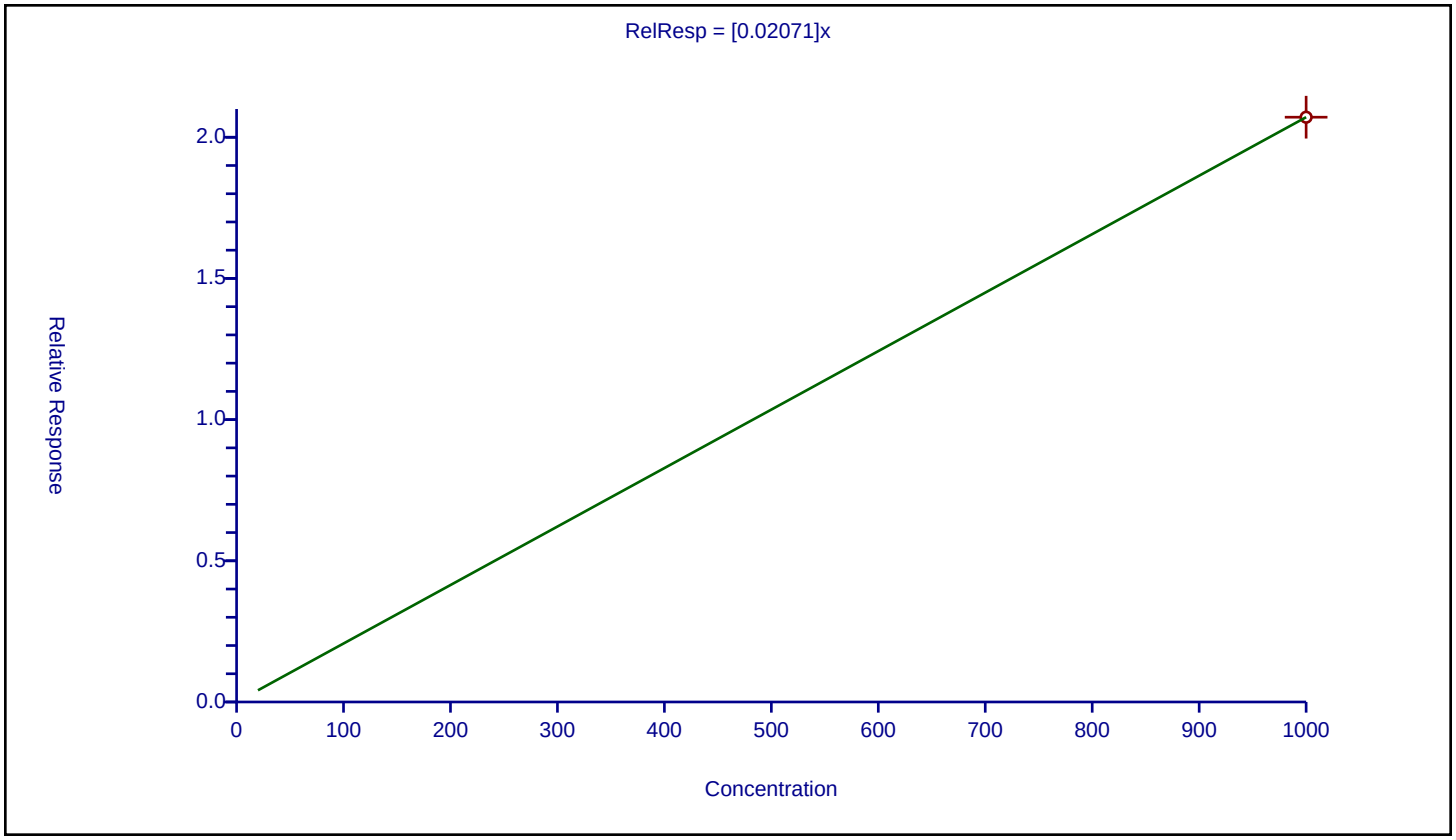
Curve Coefficients

Intercept:	0
Slope:	0.02071

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/10	1000.0	20.710064	20.0	19556151.0	0.02071	Y



Calibration / PCB-1232 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

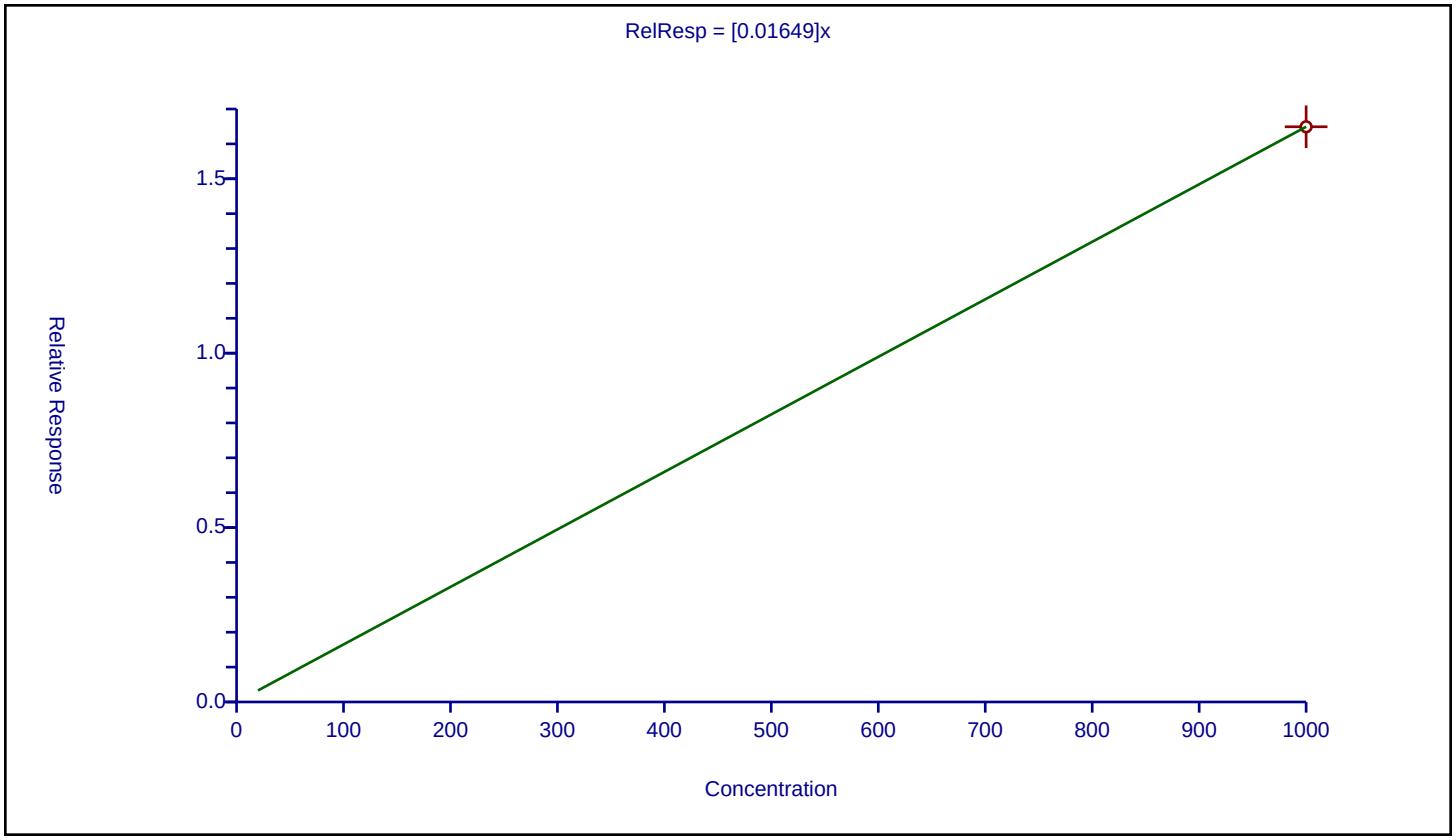
Curve Coefficients

Intercept:	0
Slope:	0.01649

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/10	1000.0	16.490992	20.0	19556151.0	0.016491	Y



Calibration / PCB-1232 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

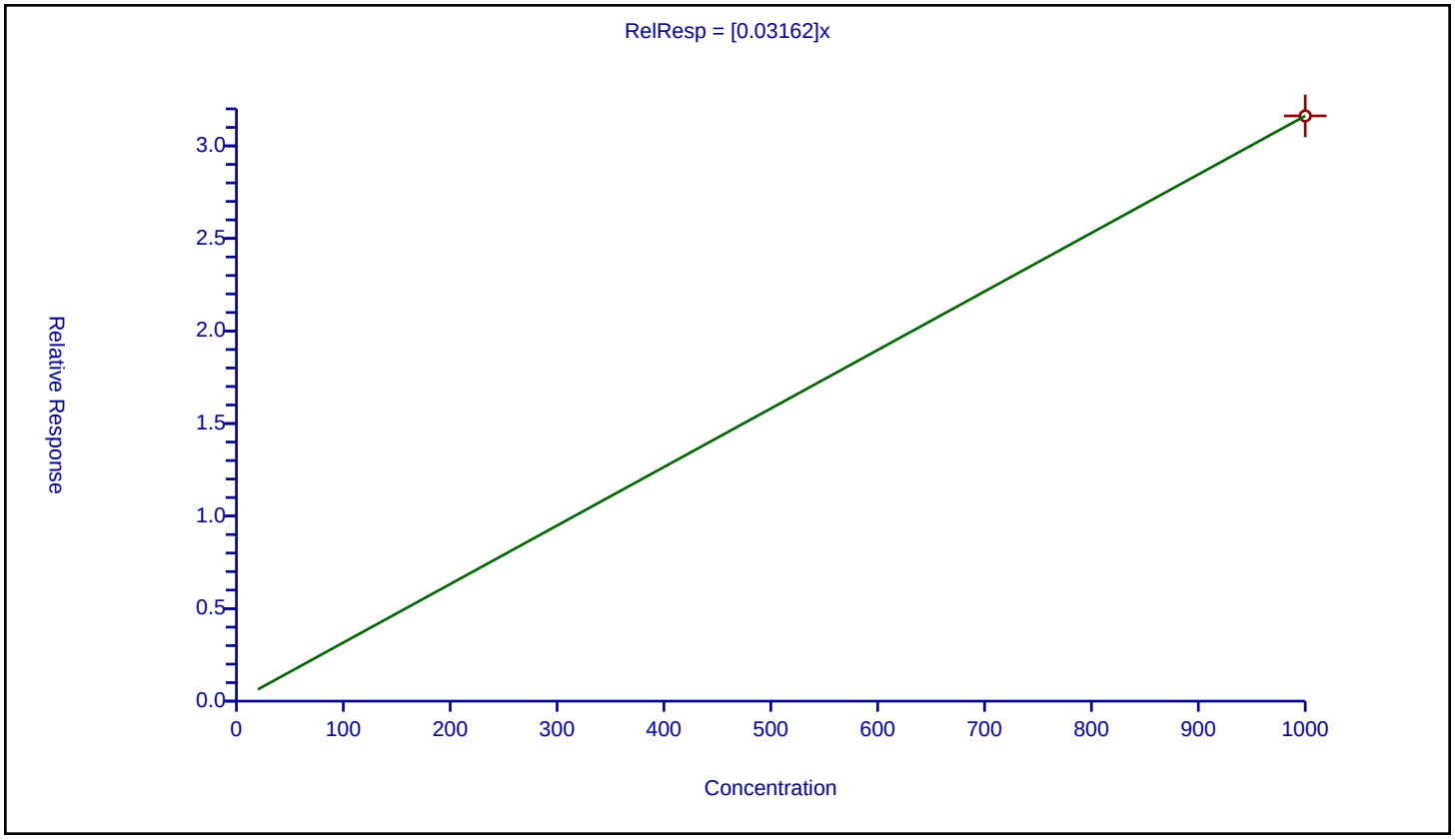
Curve Coefficients

Intercept:	0
Slope:	0.03162

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	1.00

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/10	1000.0	31.620729	20.0	19556151.0	0.031621	Y



Calibration / PCB-1232 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

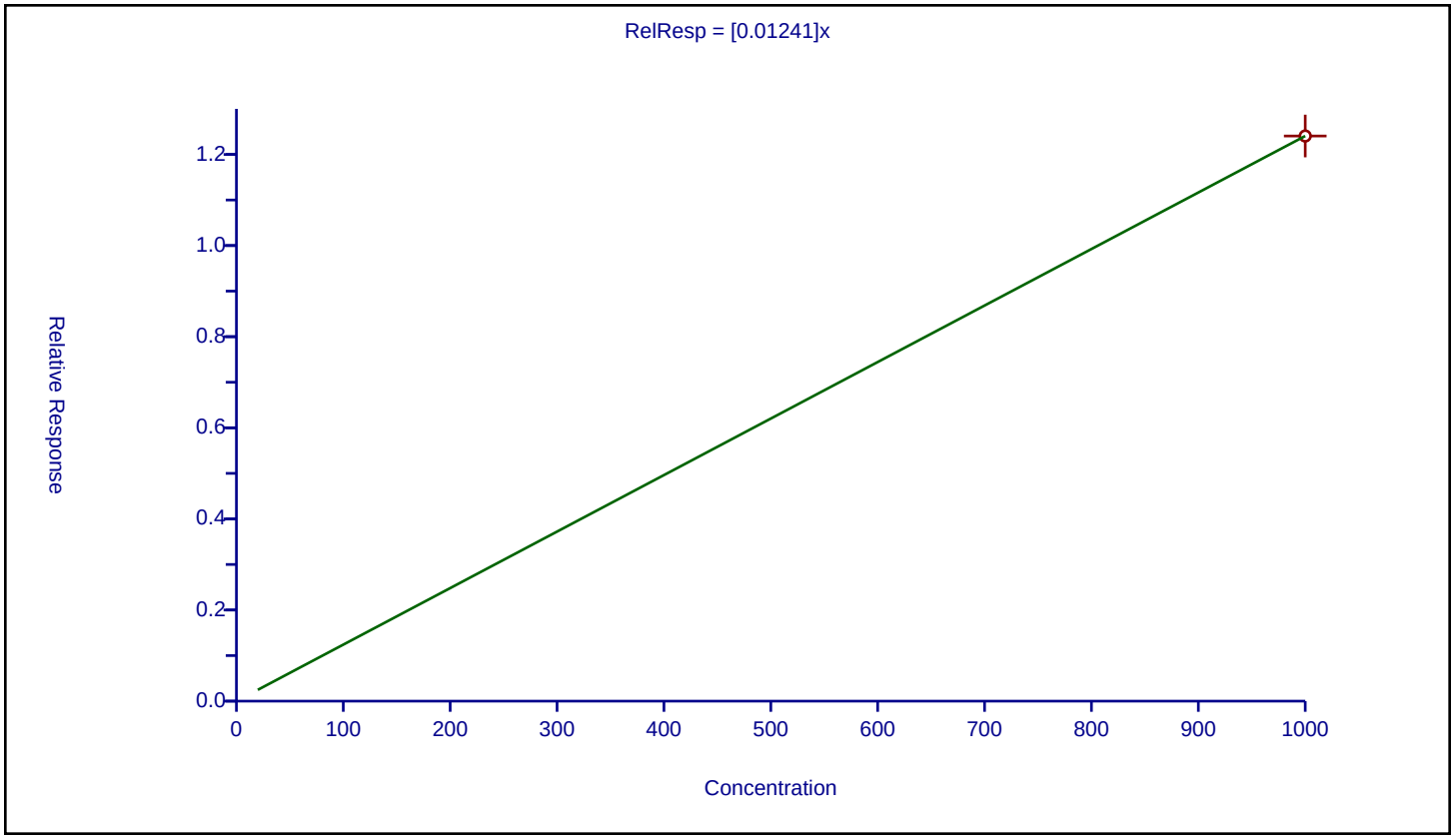
Curve Coefficients

Intercept:	0
Slope:	0.01241

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/10	1000.0	12.405004	20.0	19556151.0	0.012405	Y



Calibration / PCB-1232 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

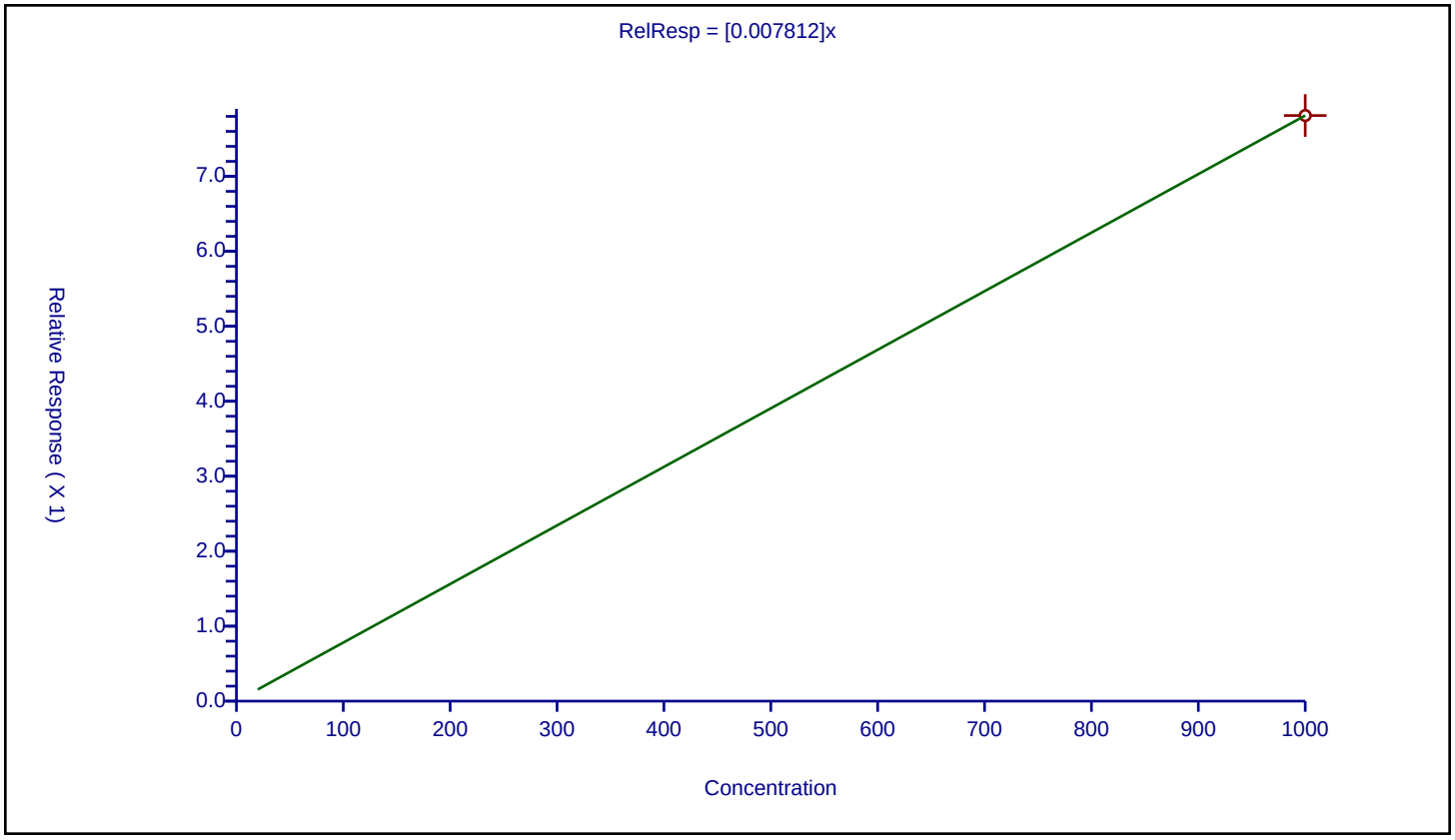
Curve Coefficients

Intercept:	0
Slope:	0.007812

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/10	1000.0	7.811571	20.0	19556151.0	0.007812	Y



Calibration / PCB-1232 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

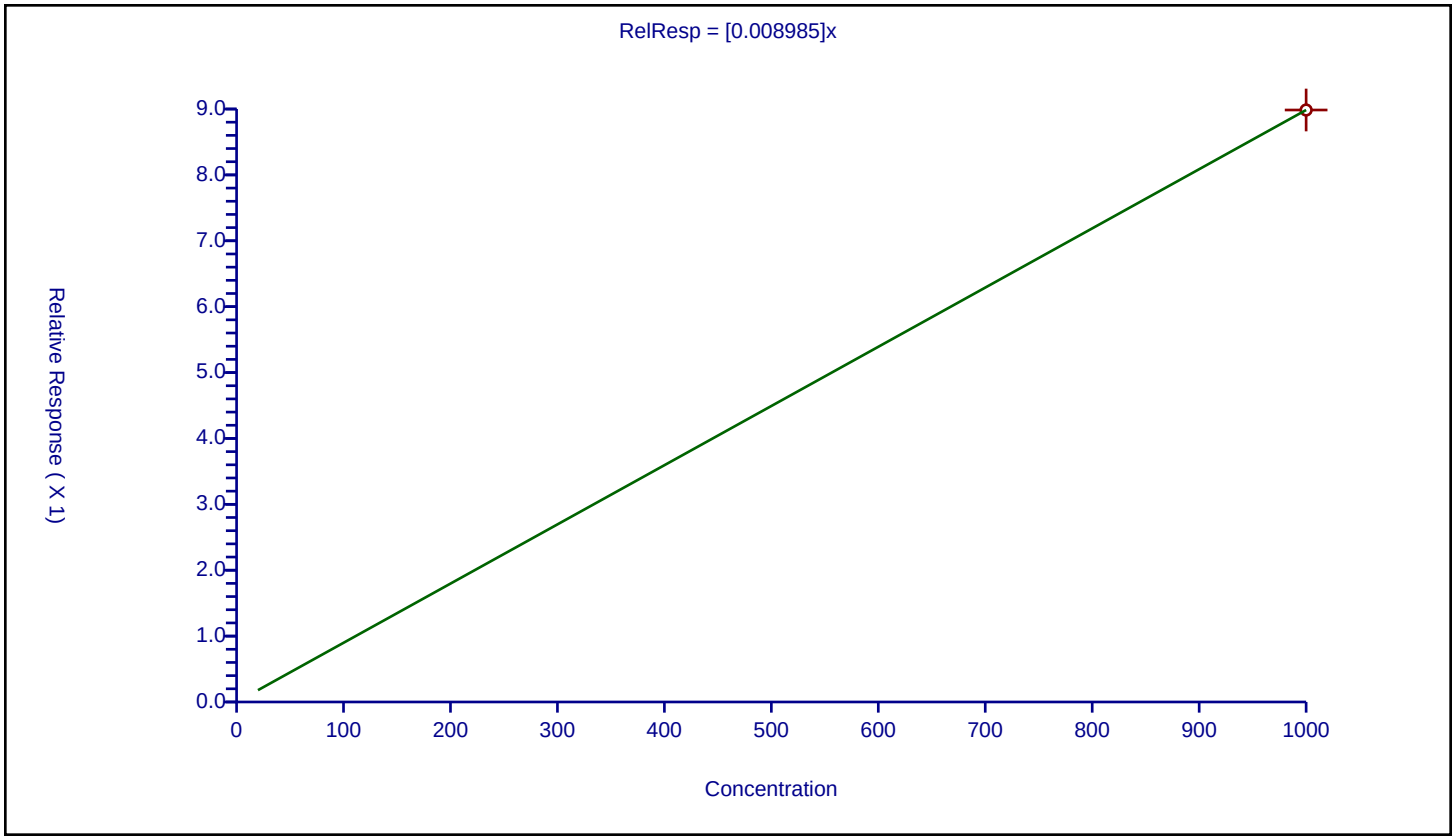
Curve Coefficients

Intercept:	0
Slope:	0.008985

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/10	1000.0	8.984892	20.0	19556151.0	0.008985	Y



Calibration / PCB-1232 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

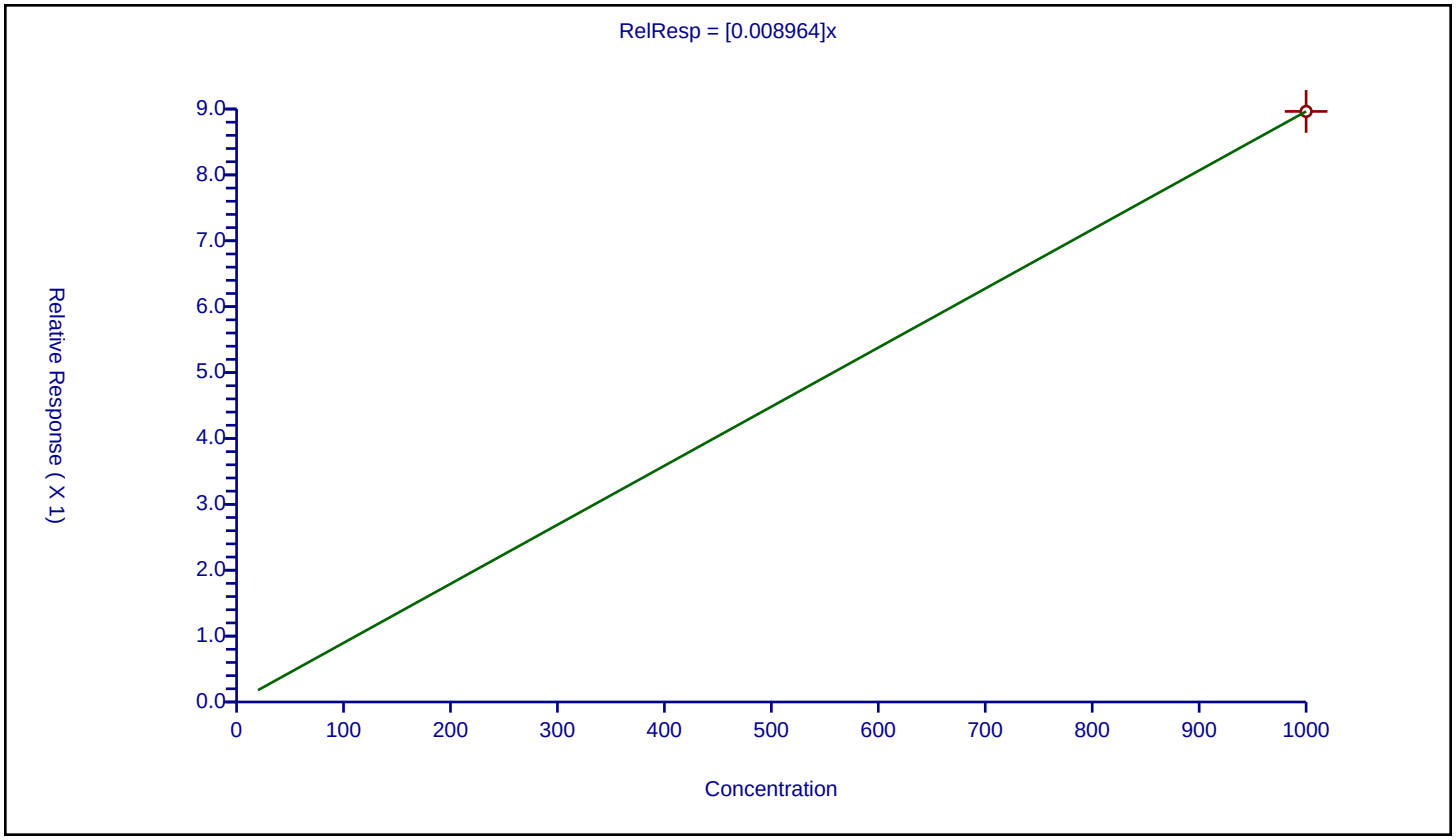
Curve Coefficients

Intercept:	0
Slope:	0.008964

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/10	1000.0	8.963728	20.0	19556151.0	0.008964	Y



Calibration / PCB-1232 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

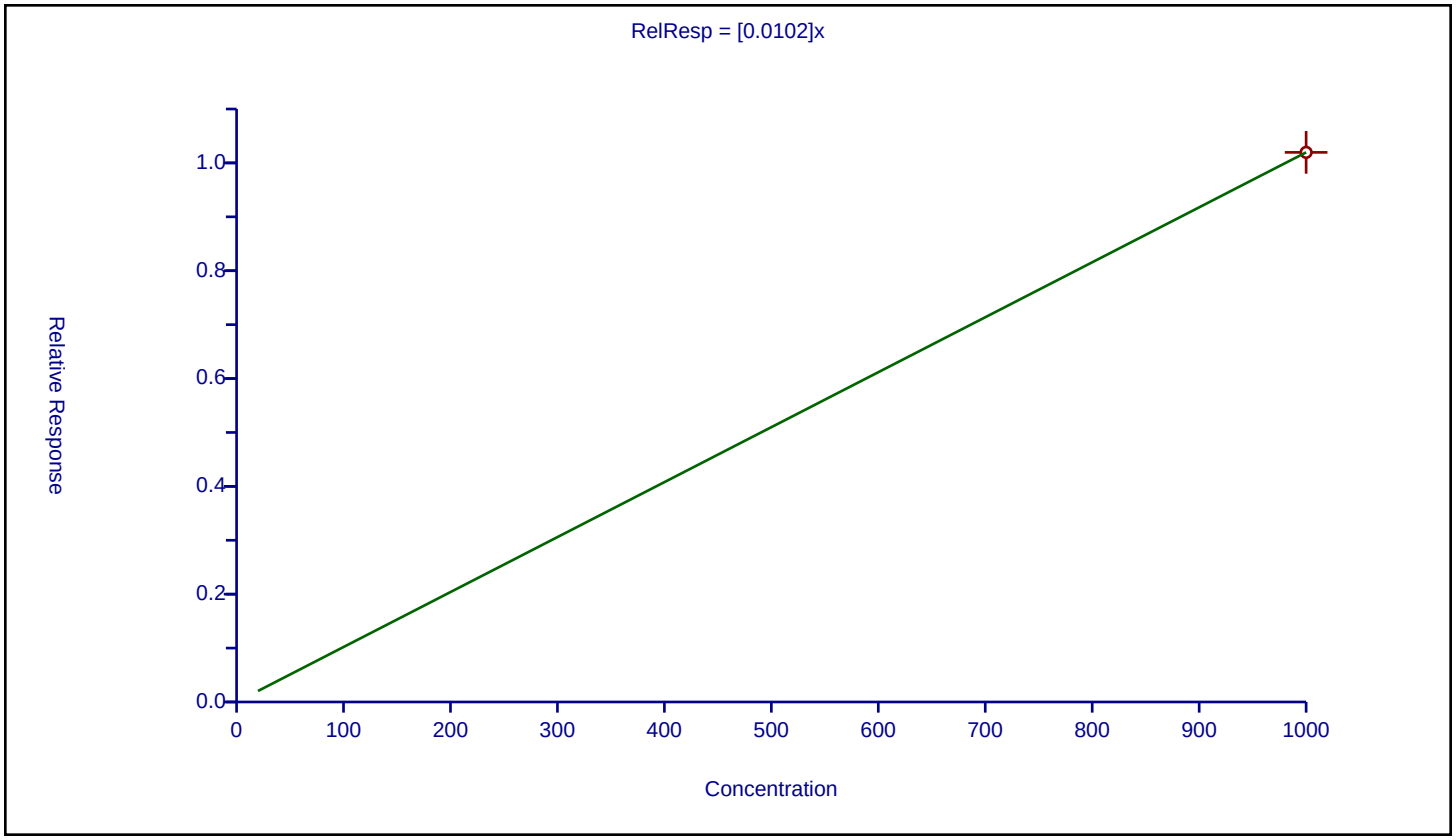
Curve Coefficients

Intercept:	0
Slope:	0.0102

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/10	1000.0	10.195854	20.0	19556151.0	0.010196	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 20:46 Calibration End Date: 03/02/2022 20:46 Calibration ID: 89420

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/10	14F0021114.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1232 Peak 1	0.0226					Ave		0.0226						20.0			
PCB-1232 Peak 2	0.0178					Ave		0.0178						20.0			
PCB-1232 Peak 3	0.0118					Ave		0.0118						20.0			
PCB-1232 Peak 4	0.0379					Ave		0.0379						20.0			
PCB-1232 Peak 5	0.0152					Ave		0.0152						20.0			
PCB-1232 Peak 6	0.0092					Ave		0.0092						20.0			
PCB-1232 Peak 7	0.0136					Ave		0.0136						20.0			
PCB-1232 Peak 8	0.0201					Ave		0.0201						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 20:46 Calibration End Date: 03/02/2022 20:46 Calibration ID: 89420

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/10	14F0021114.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	34525143					1000				
PCB-1232 Peak 2	BNB	Ave	27194164					1000				
PCB-1232 Peak 3	BNB	Ave	18006417					1000				
PCB-1232 Peak 4	BNB	Ave	57809487					1000				
PCB-1232 Peak 5	BNB	Ave	23140578					1000				
PCB-1232 Peak 6	BNB	Ave	14065584					1000				
PCB-1232 Peak 7	BNB	Ave	20733294					1000				
PCB-1232 Peak 8	BNB	Ave	30648477					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021114.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 20:46:23 ALS Bottle#: 13 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub3

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:10:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.754	1.754	0.000	19556151	20.0	20.0	
2	1.544	1.544	0.000	30520379	20.0	20.0	
						RPD = 0.00	
3 PCB-1232							M
1	3.399	3.399	0.000	20250457	1000.0	1000.0	
1	3.918	3.918	0.000	16125016	1000.0	1000.0	M
1	4.496	4.496	0.000	30918988	1000.0	1000.0	M
1	4.668	4.668	0.000	12129707	1000.0	1000.0	M
1	4.796	4.796	0.000	7638213	1000.0	1000.0	M
1	5.264	5.264	0.000	8785495	1000.0	1000.0	M
1	5.763	5.763	0.000	8764801	1000.0	1000.0	M
1	5.822	5.822	0.000	9969583	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.654	2.654	0.000	34525143	1000.0	1000.0	
2	3.052	3.052	0.000	27194164	1000.0	1000.0	M
2	3.281	3.281	0.000	18006417	1000.0	1000.0	M
2	3.585	3.585	0.000	57809487	1000.0	1000.0	
2	3.739	3.739	0.000	23140578	1000.0	1000.0	
2	3.809	3.809	0.000	14065584	1000.0	1000.0	
2	4.220	4.220	0.000	20733294	1000.0	1000.0	
2	4.724	4.724	0.000	30648477	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1232L4_00034	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

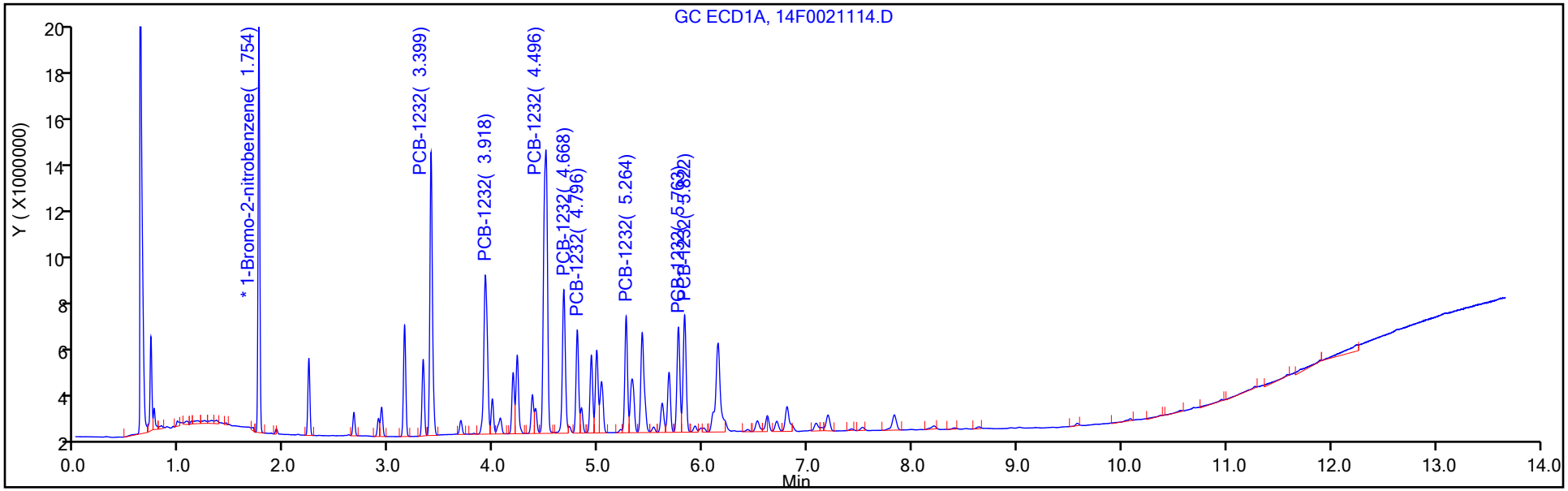
Report Date: 03-Mar-2022 11:14:17 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

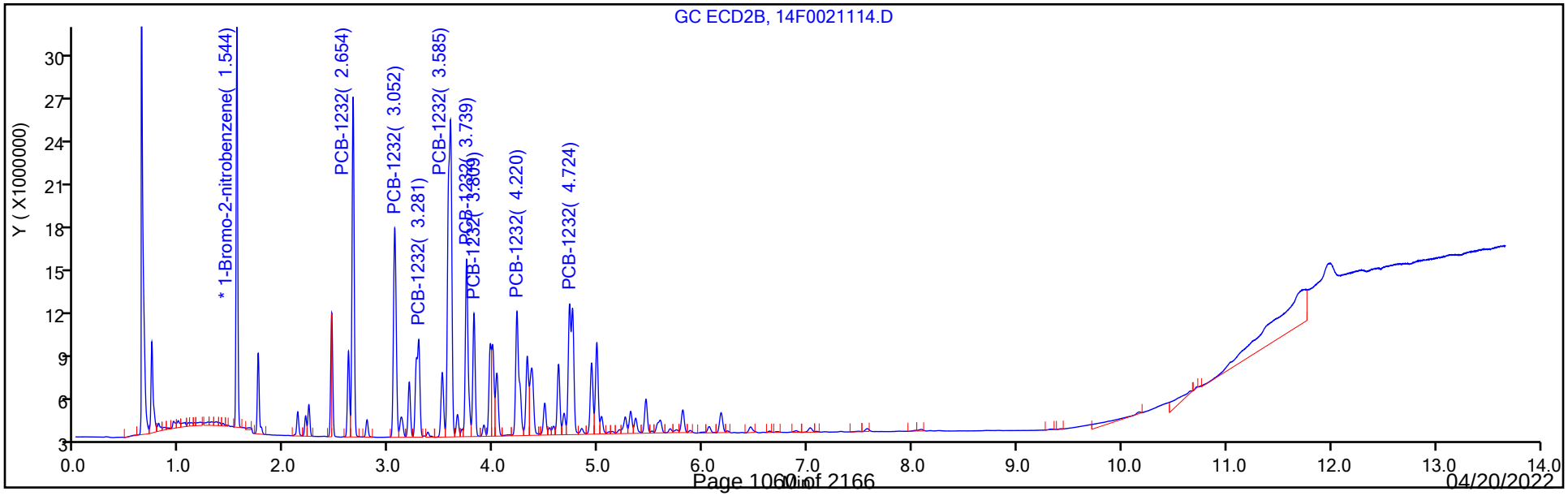
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021114.D

Injection Date:	02-Mar-2022 20:46:23	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC 1232			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Report Date: 03-Mar-2022 11:14:18 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021114.D

Injection Date: 02-Mar-2022 20:46:23 Instrument ID: CPESTGC14

Lims ID: IC 1232

Client ID:

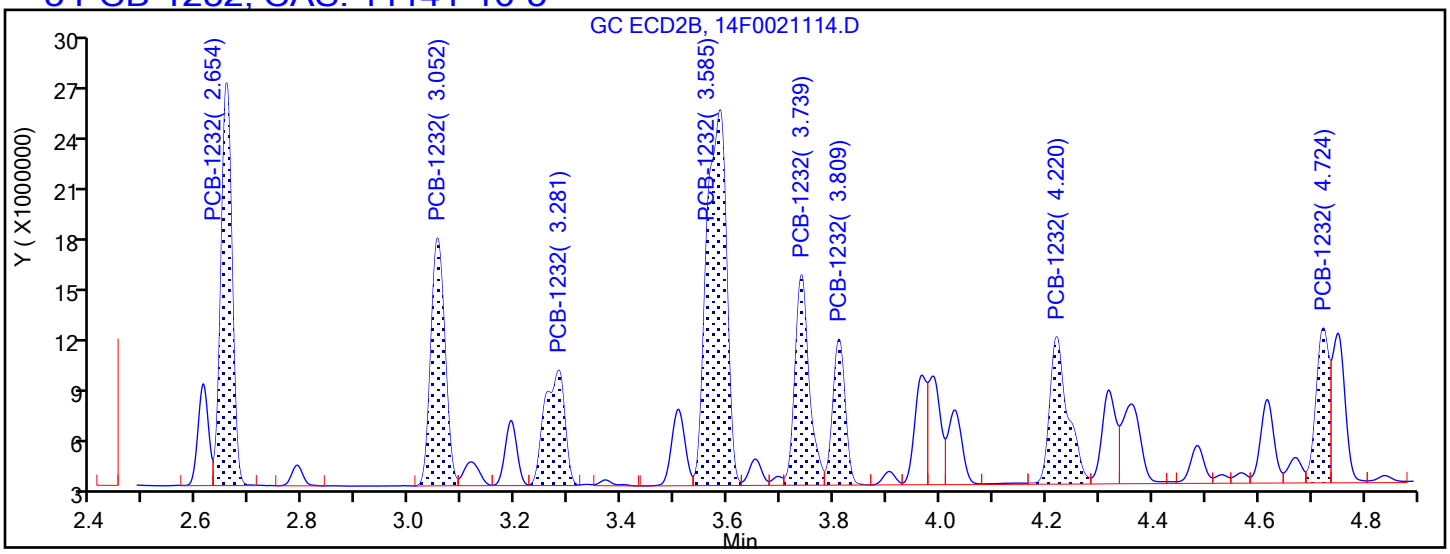
Operator ID: ALS Bottle#: 13 Worklist Smp#: 10

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

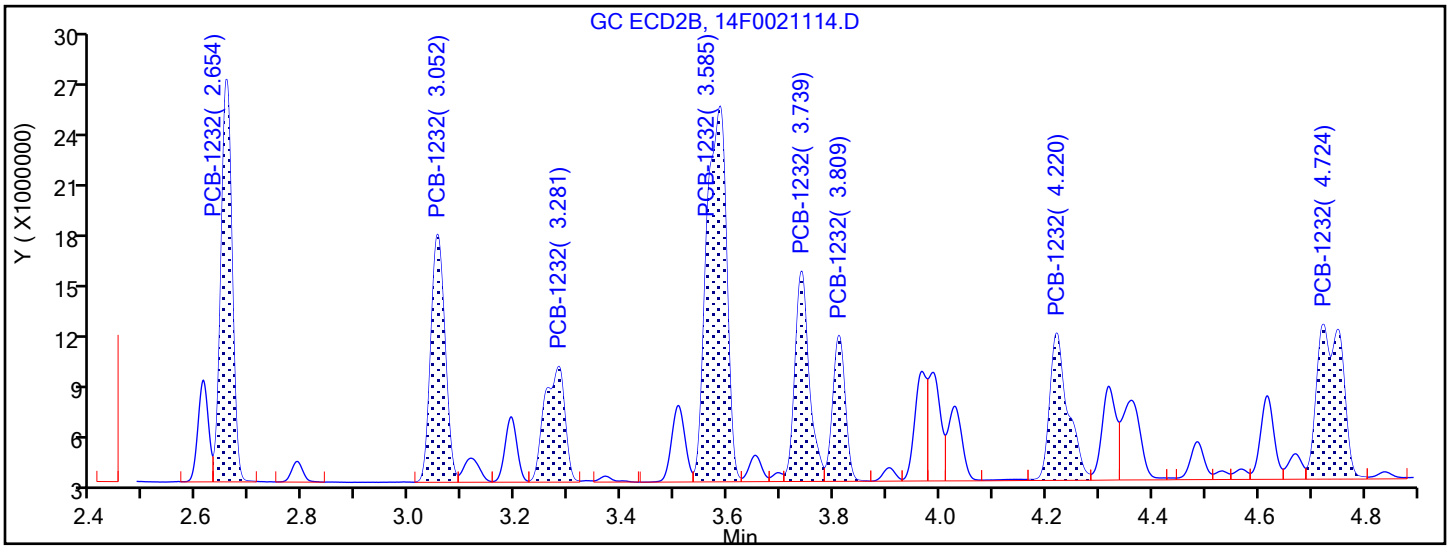
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

3 PCB-1232, CAS: 11141-16-5



Processing Integration Results

2.654	Response = 34525143
3.052	Response = 27138451
3.281	Response = 17901293
3.585	Response = 57809487
3.739	Response = 23140578
3.809	Response = 14065584
4.220	Response = 20733294
4.724	Response = 15747696



Manual Integration Results

2.654	Response = 34525143	
3.052	Response = 27194164	M
3.281	Response = 18006417	M
3.585	Response = 57809487	
3.739	Response = 23140578	
3.809	Response = 14065584	

Calibration / PCB-1232 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

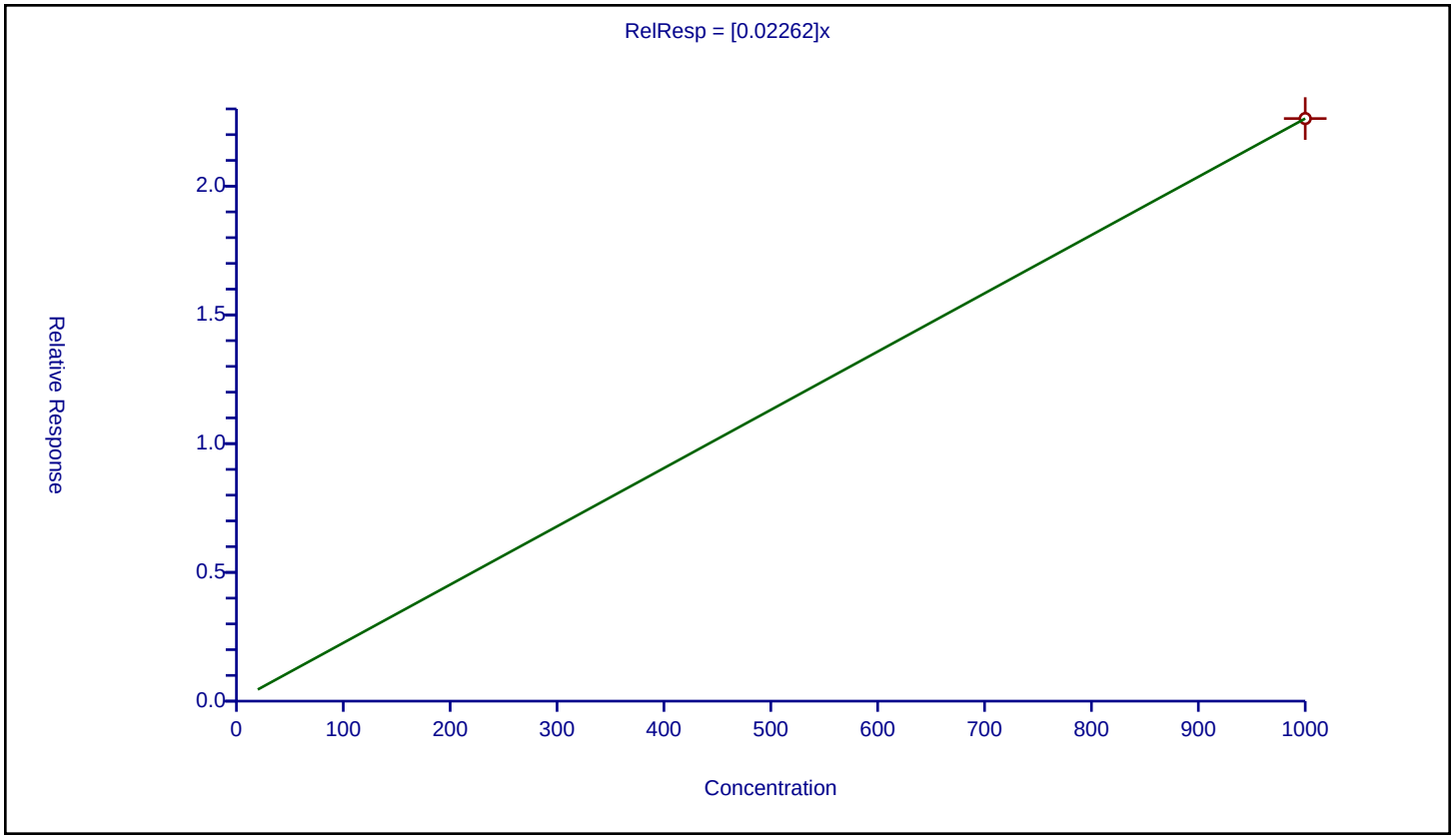
Curve Coefficients

Intercept:	0
Slope:	0.02262

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/10	1000.0	22.624321	20.0	30520379.0	0.022624	Y



Calibration / PCB-1232 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

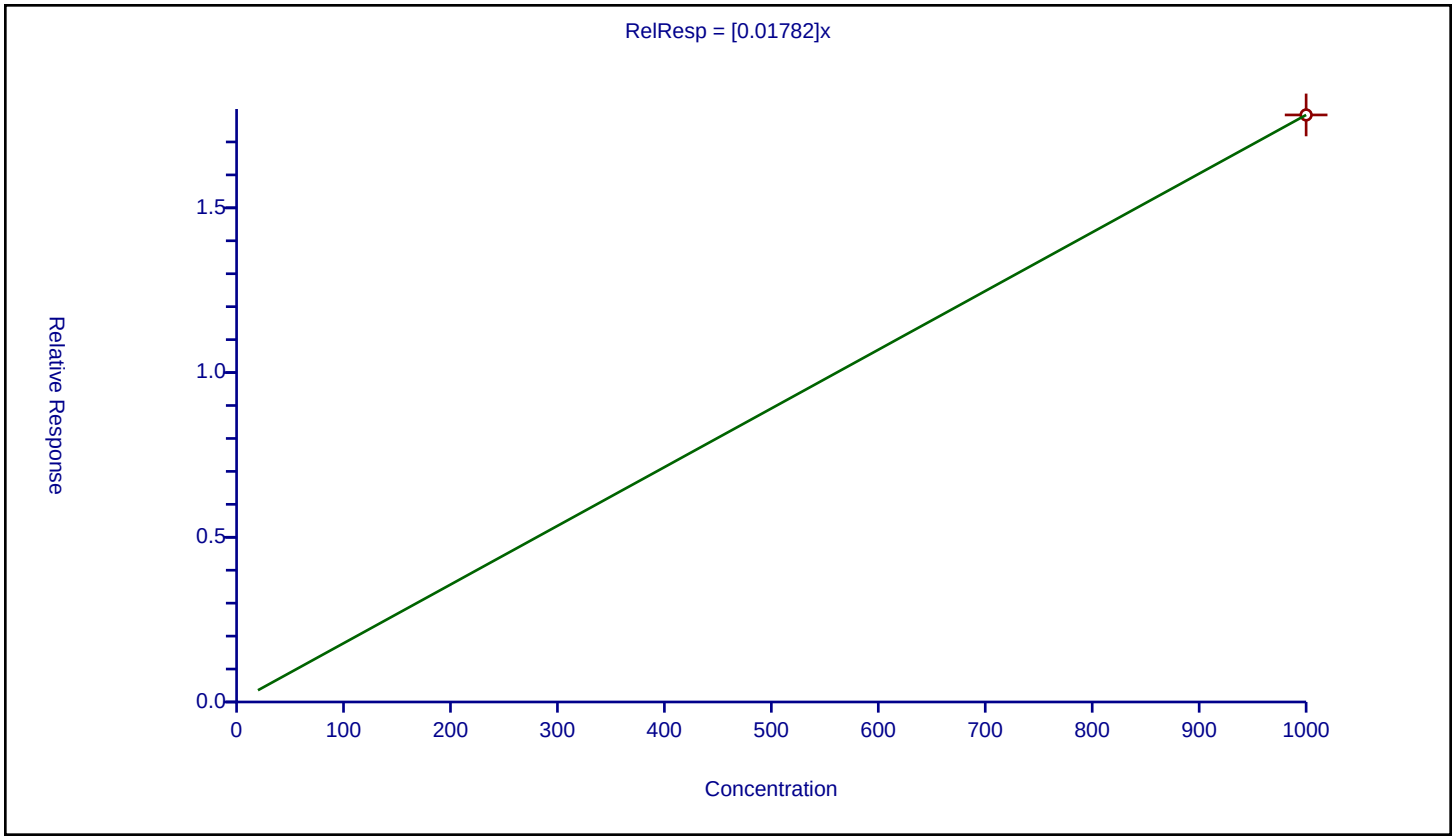
Curve Coefficients

Intercept:	0
Slope:	0.01782

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/10	1000.0	17.820332	20.0	30520379.0	0.01782	Y



Calibration / PCB-1232 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

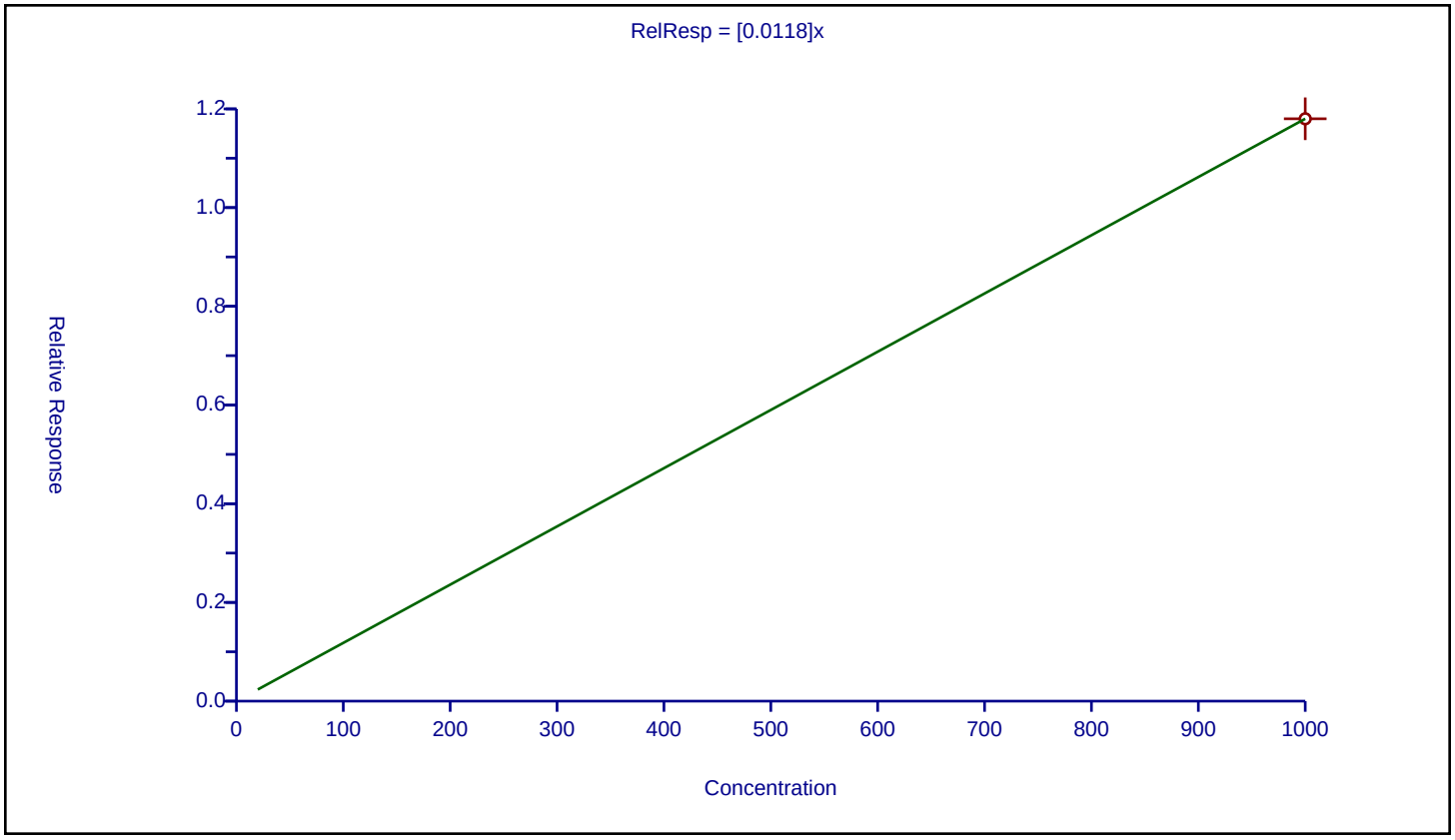
Curve Coefficients

Intercept:	0
Slope:	0.0118

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/10	1000.0	11.799602	20.0	30520379.0	0.0118	Y



Calibration / PCB-1232 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

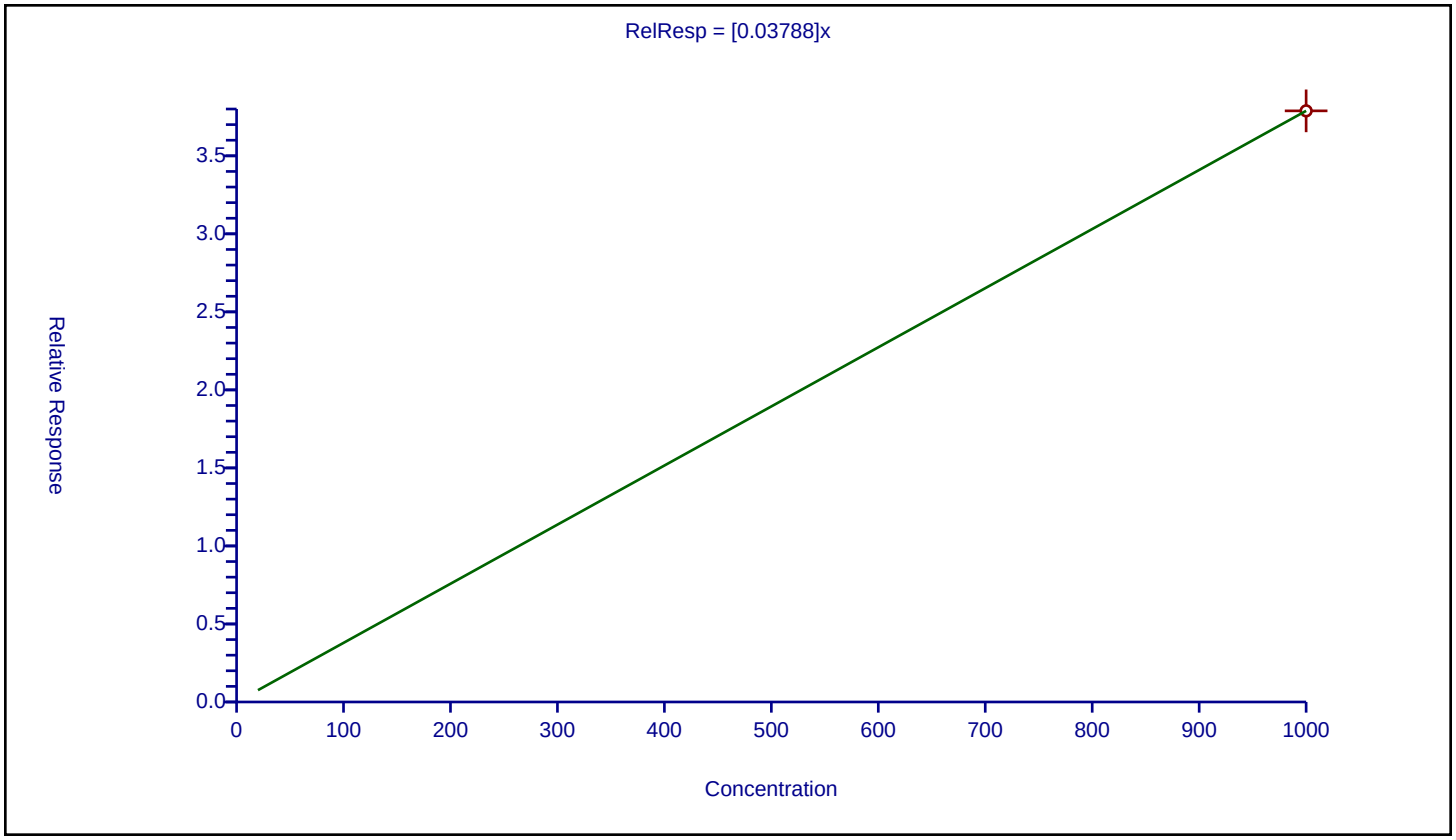
Curve Coefficients

Intercept:	0
Slope:	0.03788

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/10	1000.0	37.882549	20.0	30520379.0	0.037883	Y



Calibration / PCB-1232 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

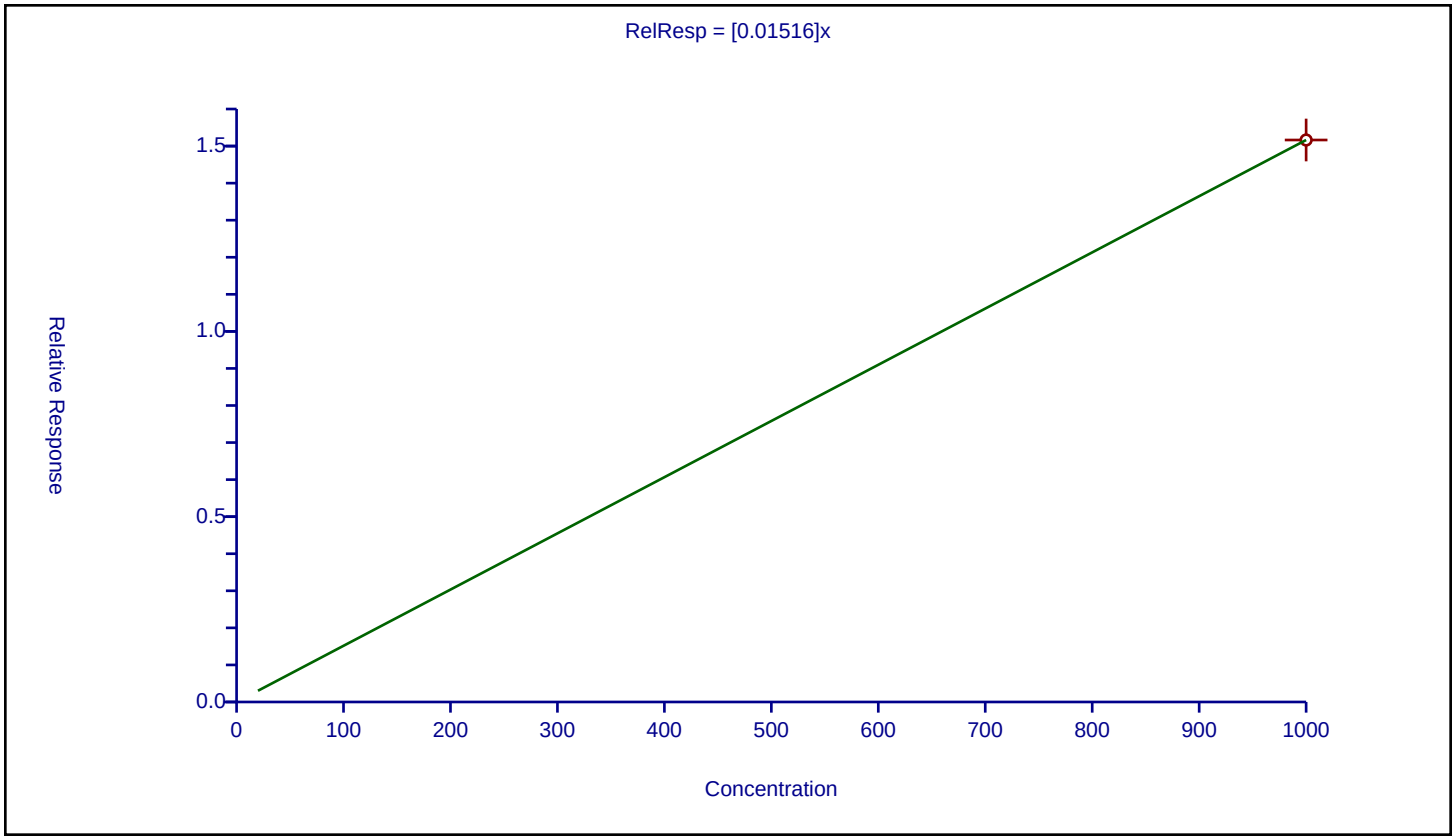
Curve Coefficients

Intercept:	0
Slope:	0.01516

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/10	1000.0	15.164017	20.0	30520379.0	0.015164	Y



Calibration / PCB-1232 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

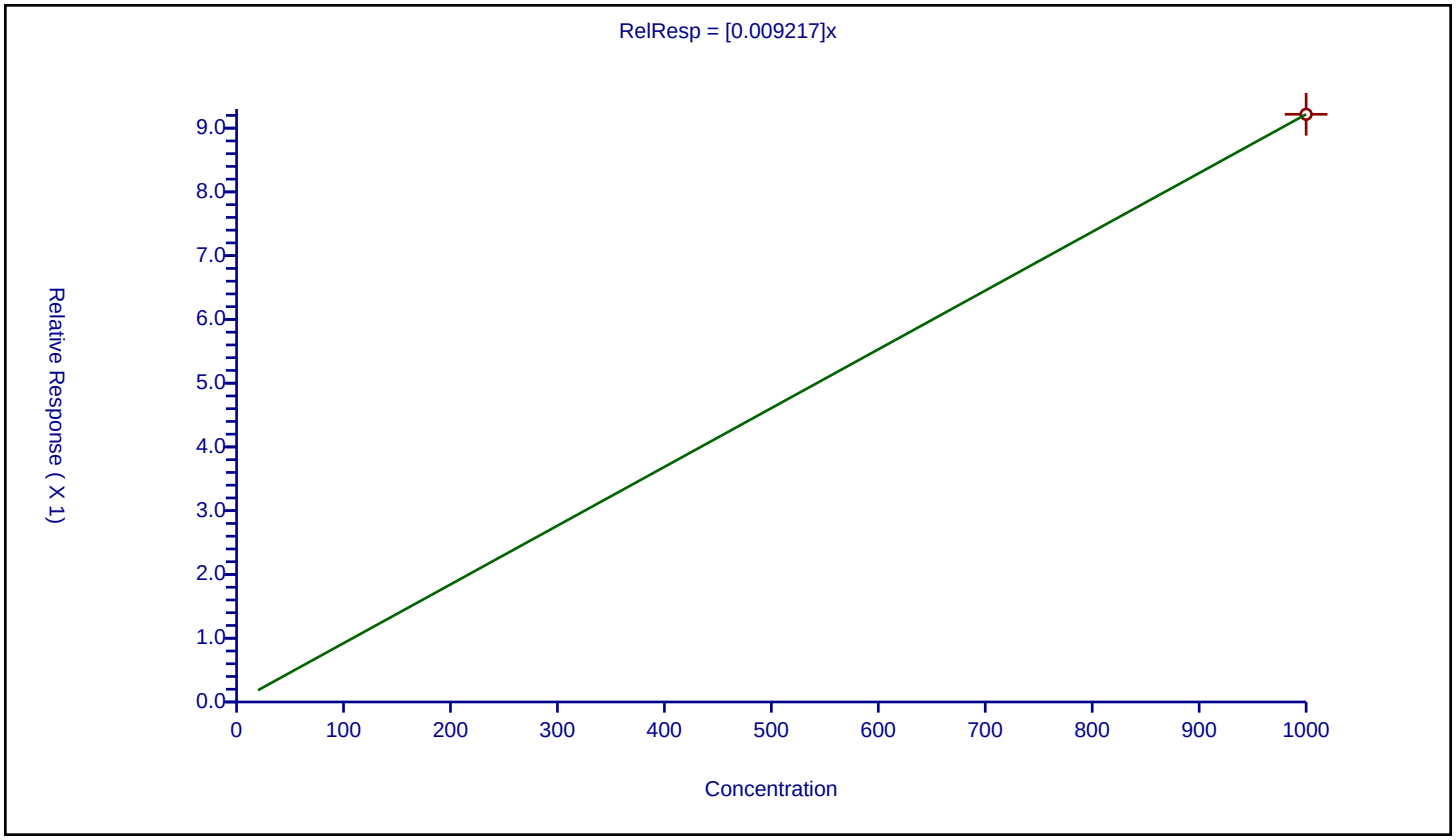
Curve Coefficients

Intercept:	0
Slope:	0.009217

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/10	1000.0	9.217175	20.0	30520379.0	0.009217	Y



Calibration / PCB-1232 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

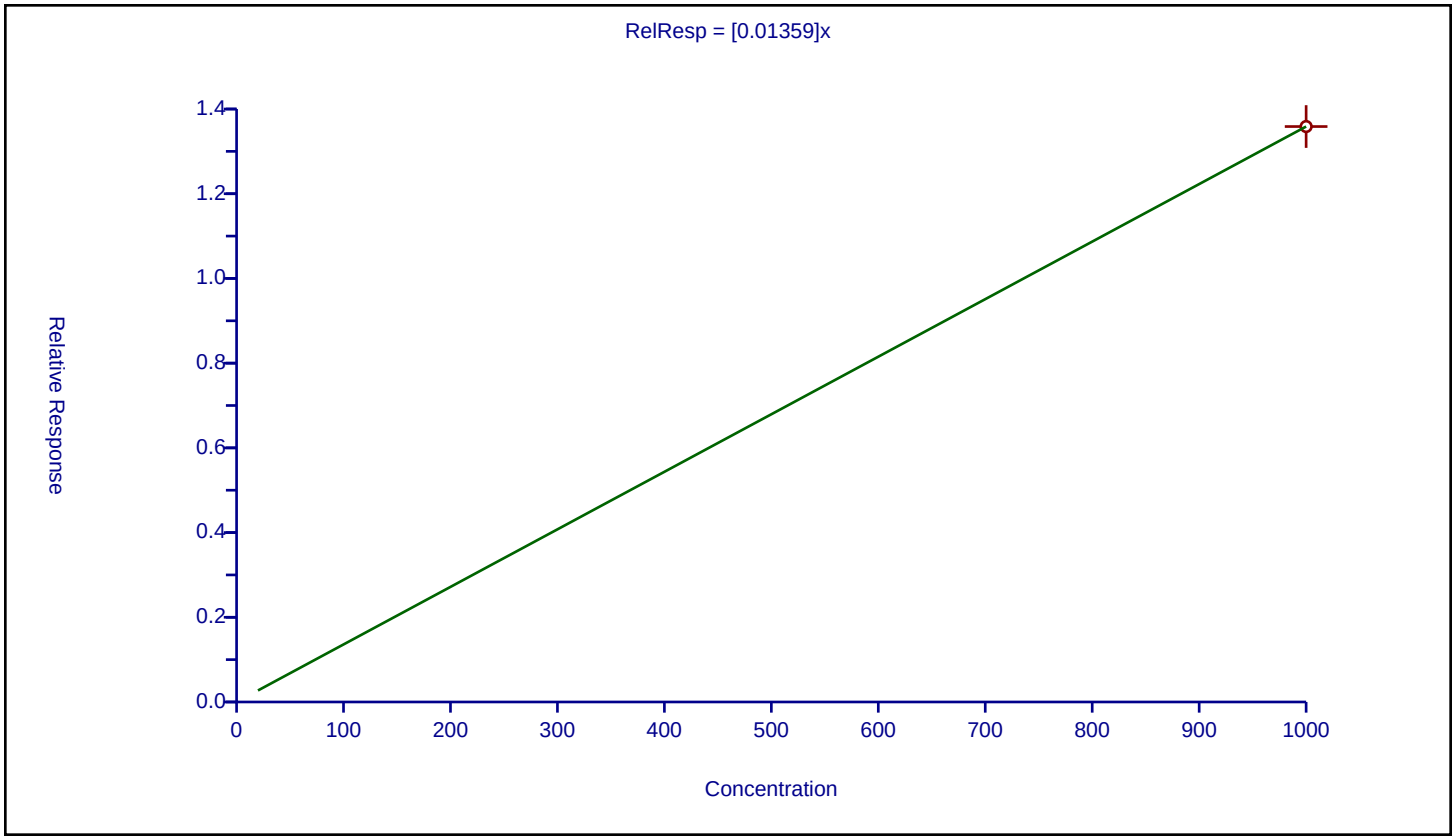
Curve Coefficients

Intercept:	0
Slope:	0.01359

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/10	1000.0	13.586525	20.0	30520379.0	0.013587	Y



Calibration / PCB-1232 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

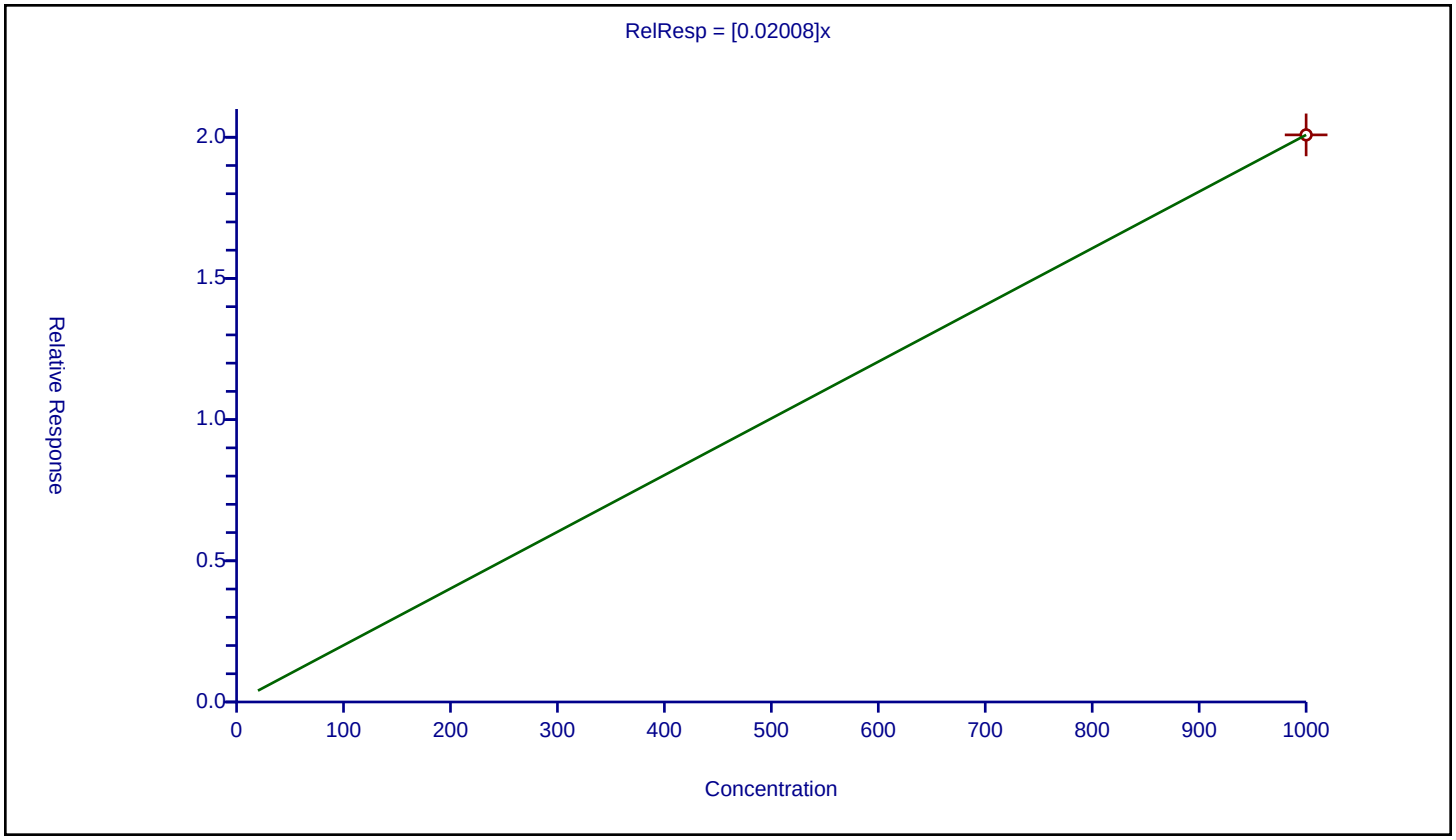
Curve Coefficients

Intercept:	0
Slope:	0.02008

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/10	1000.0	20.083943	20.0	30520379.0	0.020084	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:03 Calibration End Date: 03/02/2022 21:03 Calibration ID: 89425

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/11	14F0021115.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1242 Peak 1	0.0150					Ave		0.0150						20.0			
PCB-1242 Peak 2	0.0301					Ave		0.0301						20.0			
PCB-1242 Peak 3	0.0620					Ave		0.0620						20.0			
PCB-1242 Peak 4	0.0246					Ave		0.0246						20.0			
PCB-1242 Peak 5	0.0150					Ave		0.0150						20.0			
PCB-1242 Peak 6	0.0219					Ave		0.0219						20.0			
PCB-1242 Peak 7	0.0201					Ave		0.0201						20.0			
PCB-1242 Peak 8	0.0225					Ave		0.0225						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:03 Calibration End Date: 03/02/2022 21:03 Calibration ID: 89425

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/11	14F0021115.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	14383011					1000				
PCB-1242 Peak 2	BNB	Ave	28893604					1000				
PCB-1242 Peak 3	BNB	Ave	59551872					1000				
PCB-1242 Peak 4	BNB	Ave	23659797					1000				
PCB-1242 Peak 5	BNB	Ave	14365483					1000				
PCB-1242 Peak 6	BNB	Ave	21010315					1000				
PCB-1242 Peak 7	BNB	Ave	19321620					1000				
PCB-1242 Peak 8	BNB	Ave	21645187					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021115.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 21:03:06 ALS Bottle#: 14 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub4

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:20 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:10:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.754	1.754	0.000	19212383	20.0	20.0	
2	1.542	1.542	0.000	30032821	20.0	20.0	
						RPD = 0.00	
4 PCB-1242							M
1	3.401	3.401	0.000	14383011	1000.0	1000.0	
1	3.919	3.919	0.000	28893604	1000.0	1000.0	
1	4.497	4.497	0.000	59551872	1000.0	1000.0	M
1	4.668	4.668	0.000	23659797	1000.0	1000.0	M
1	4.797	4.797	0.000	14365483	1000.0	1000.0	M
1	5.418	5.418	0.000	21010315	1000.0	1000.0	M
1	5.763	5.763	0.000	19321620	1000.0	1000.0	M
1	5.822	5.822	0.000	21645187	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.653	2.653	0.000	24649560	1000.0	1000.0	
2	3.052	3.052	0.000	51219442	1000.0	1000.0	M
2	3.280	3.280	0.000	33746311	1000.0	1000.0	M
2	3.585	3.585	0.000	112624711	1000.0	1000.0	
2	3.737	3.737	0.000	44485201	1000.0	1000.0	
2	3.808	3.808	0.000	26574146	1000.0	1000.0	
2	4.220	4.220	0.000	43224994	1000.0	1000.0	M
2	4.722	4.722	0.000	65952550	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1242L4_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 03-Mar-2022 11:14:20 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021115.D

Injection Date: 02-Mar-2022 21:03:06 Instrument ID: CPESTGC14 Operator ID:

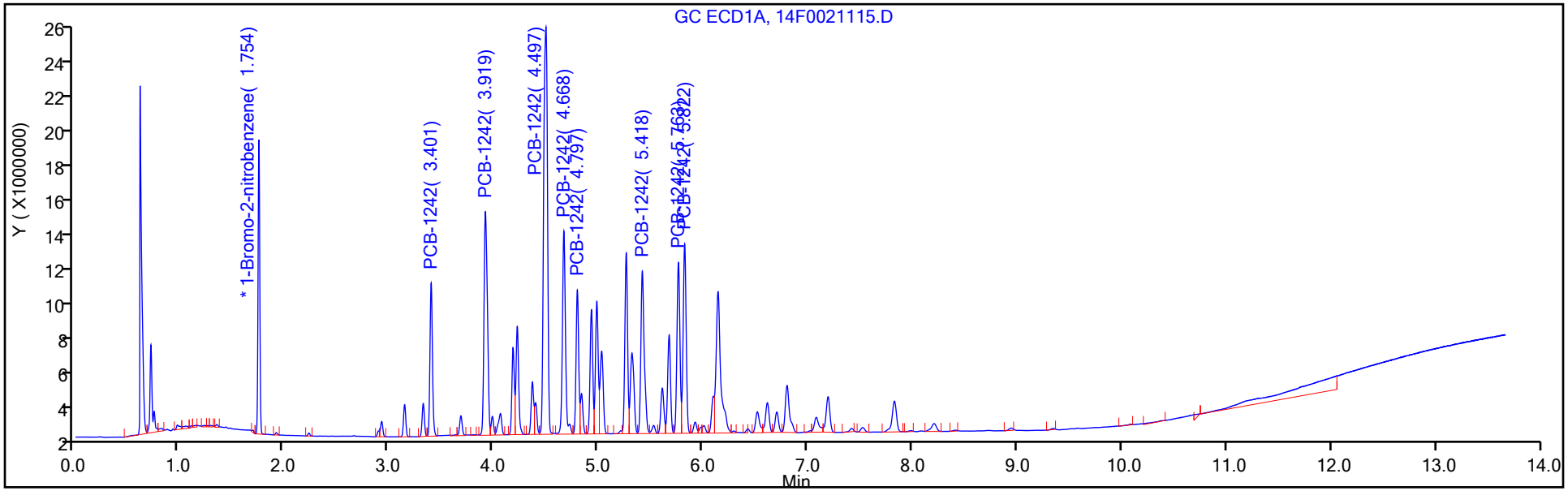
Lims ID: IC 1242 Worklist Smp#: 11

Client ID:

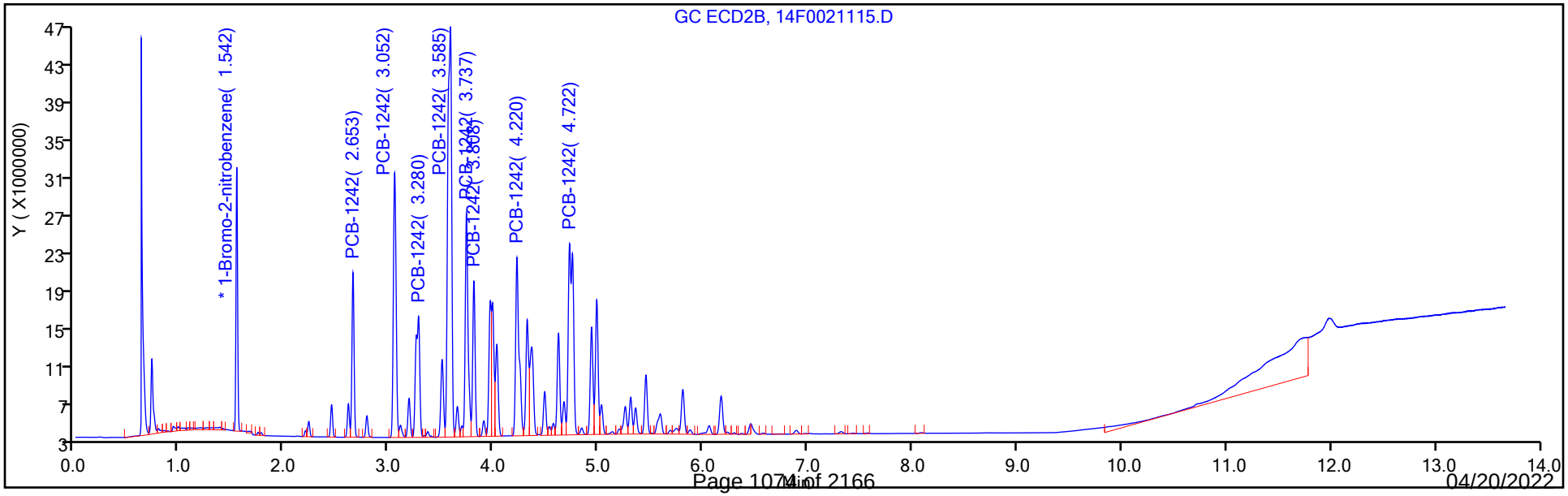
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 14

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)

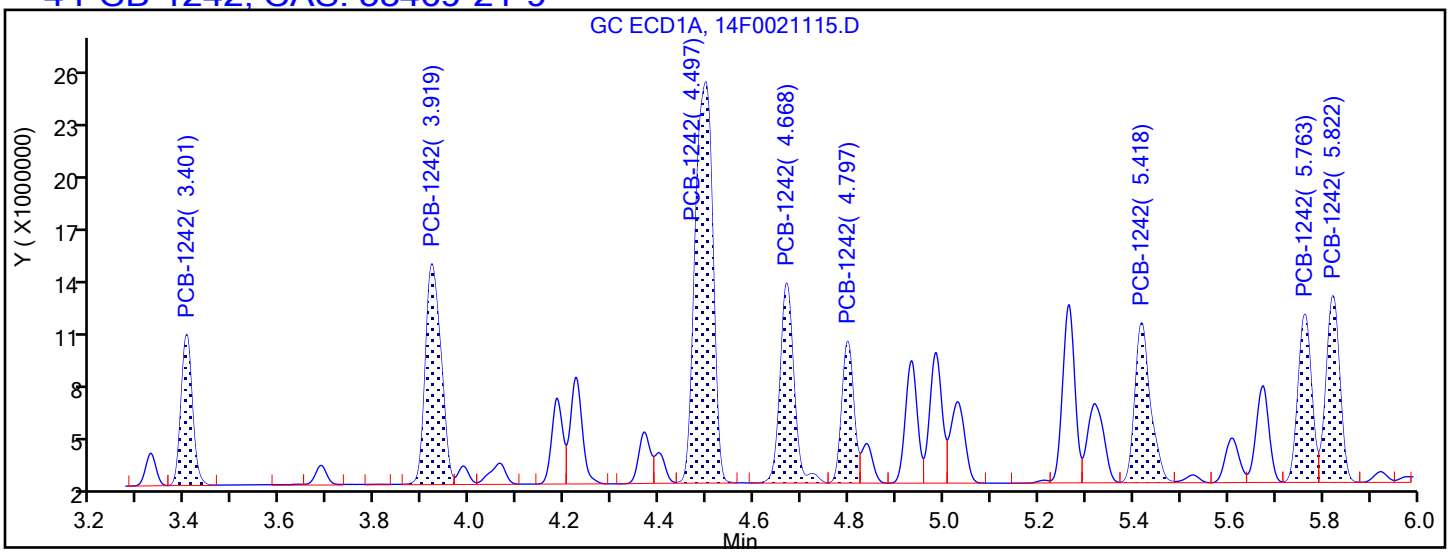


Report Date: 03-Mar-2022 11:14:20 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

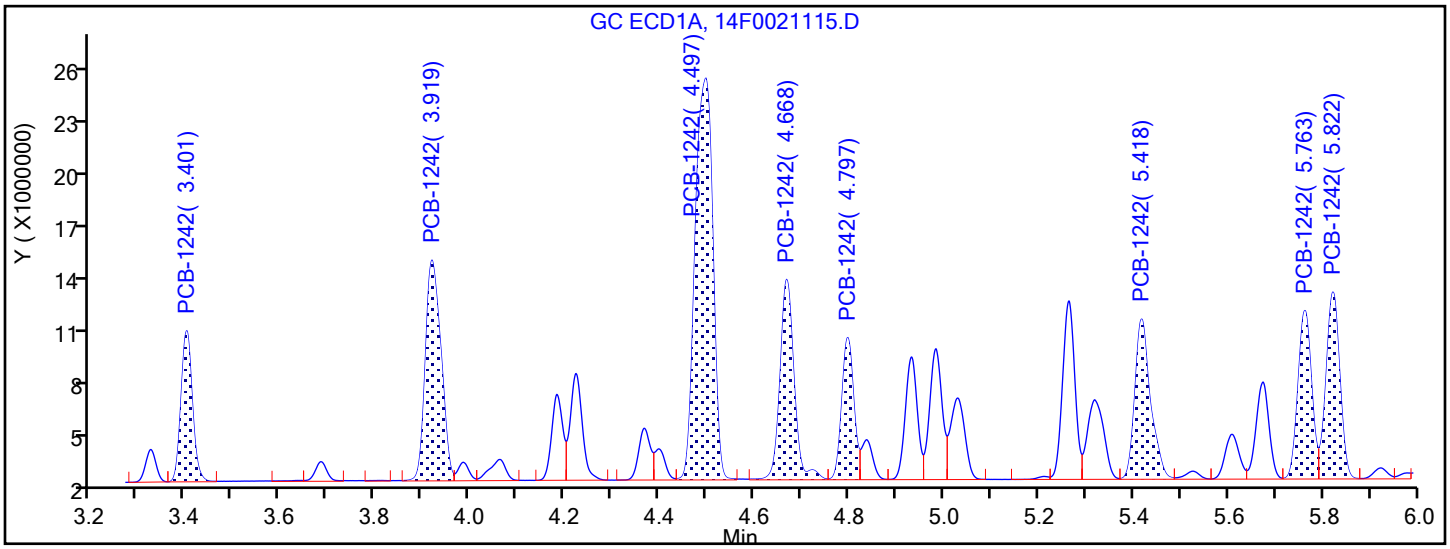
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021115.D
Injection Date: 02-Mar-2022 21:03:06 Instrument ID: CPESTGC14
Lims ID: IC 1242
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

3.401	Response = 14383011
3.919	Response = 28893604
4.497	Response = 59308414
4.668	Response = 23377437
4.797	Response = 14270930
5.418	Response = 20893180
5.763	Response = 19219761
5.822	Response = 21541933



Manual Integration Results

3.401	Response = 14383011	
3.919	Response = 28893604	
4.497	Response = 59551872	M
4.668	Response = 23659797	M
4.797	Response = 14365483	M
5.418	Response = 21010315	M

Calibration / PCB-1242 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

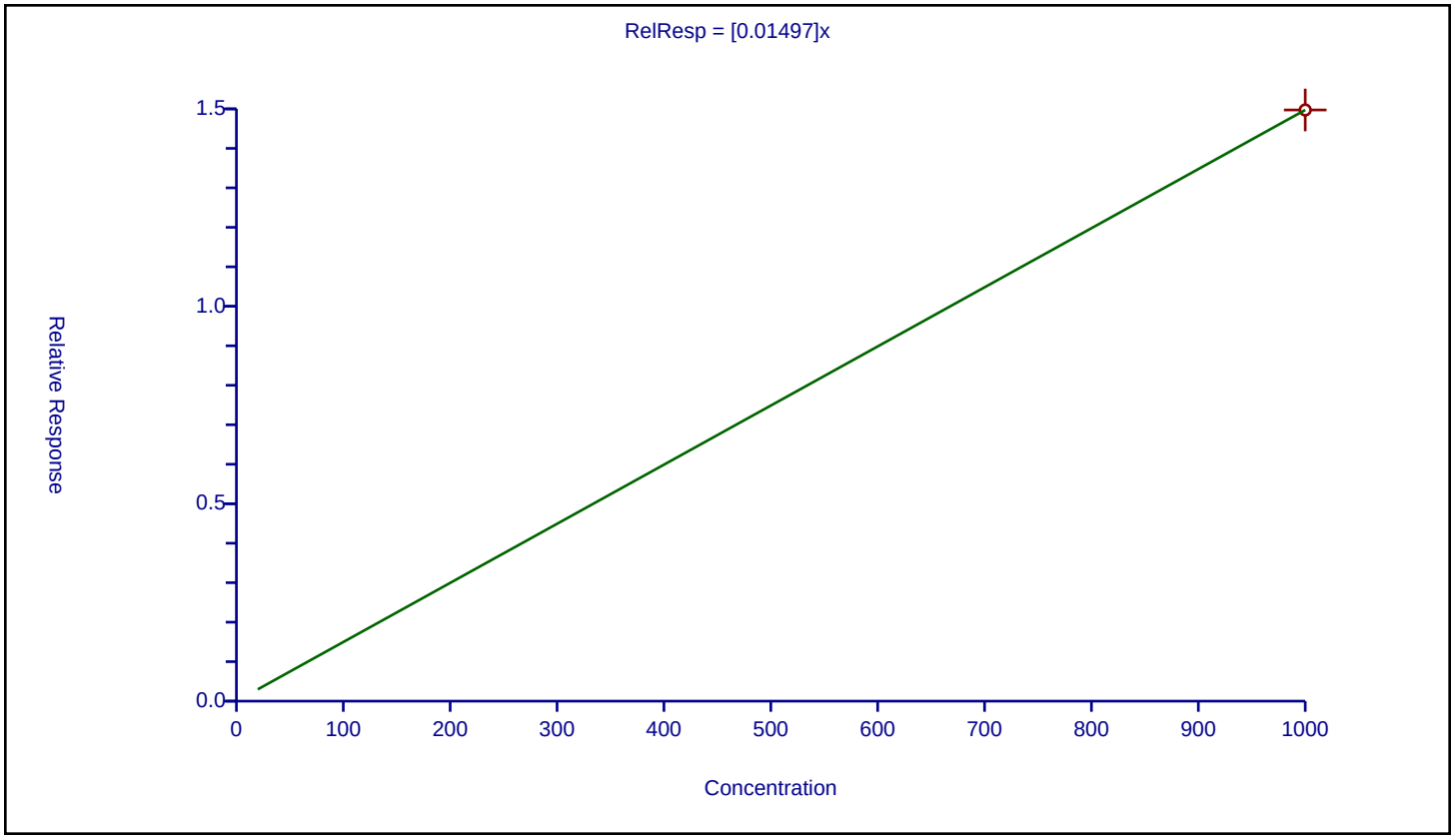
Curve Coefficients

Intercept:	0
Slope:	0.01497

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/11	1000.0	14.972647	20.0	19212383.0	0.014973	Y



Calibration / PCB-1242 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

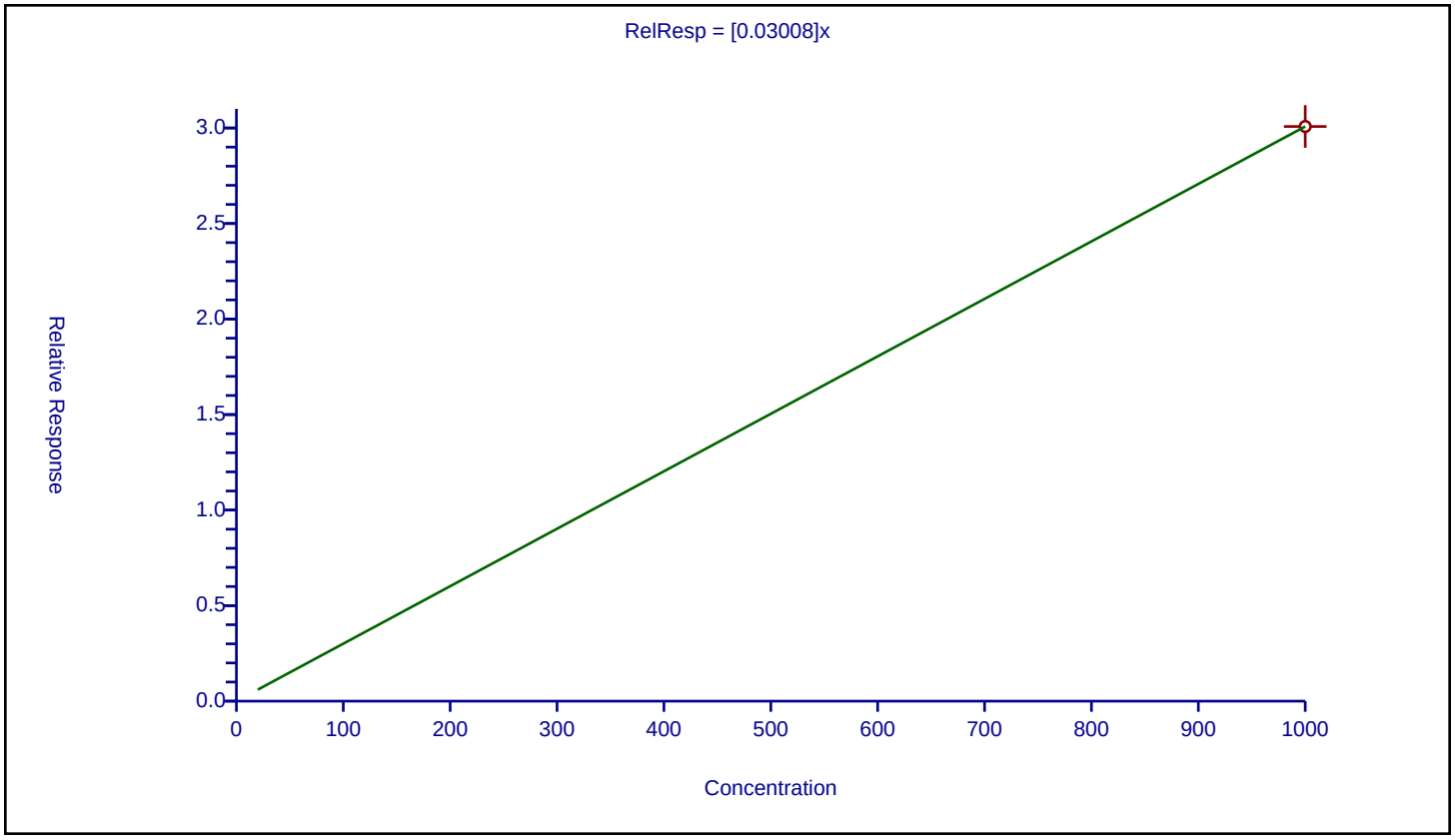
Curve Coefficients

Intercept:	0
Slope:	0.03008

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/11	1000.0	30.078105	20.0	19212383.0	0.030078	Y



Calibration / PCB-1242 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

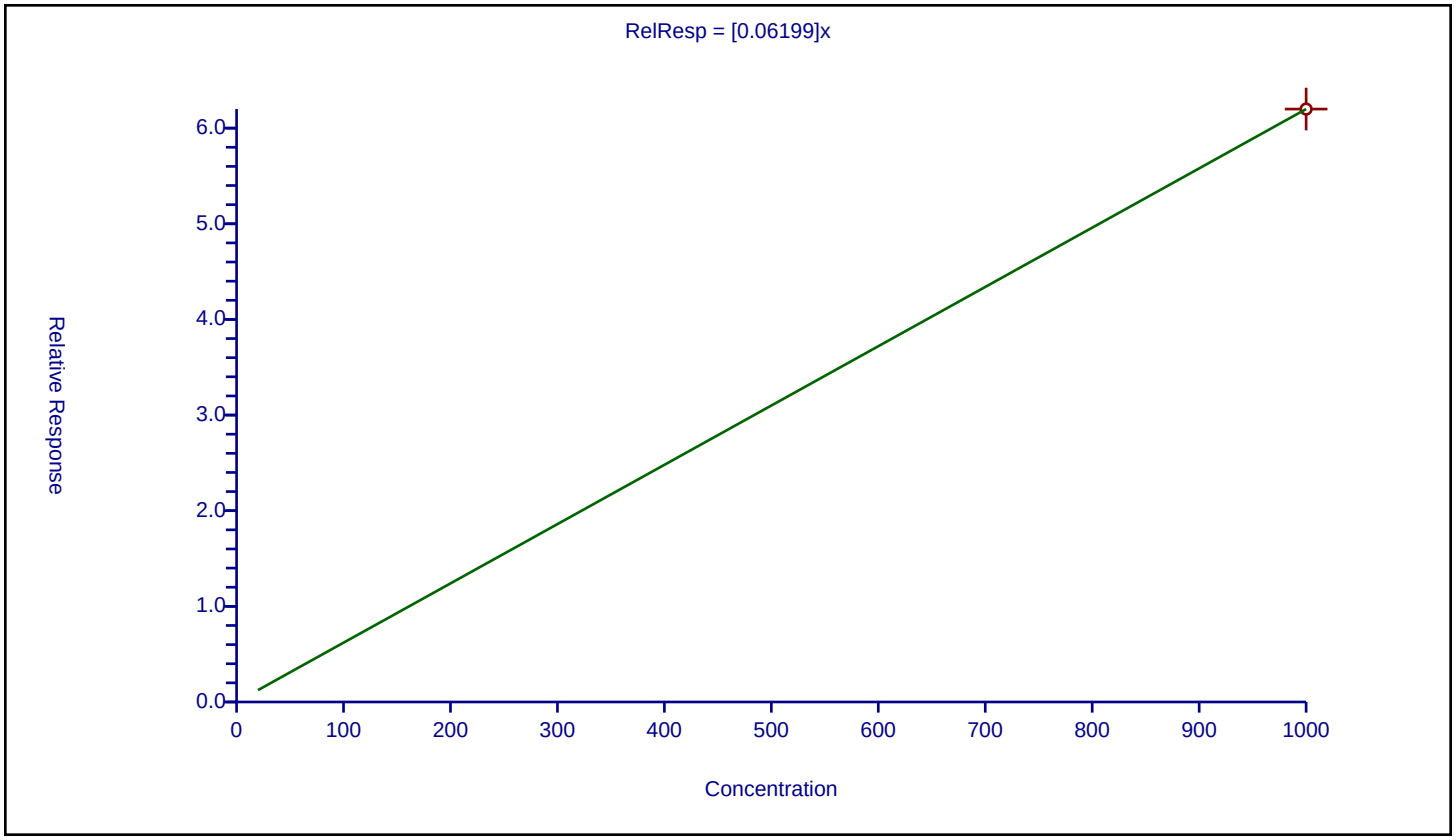
Curve Coefficients

Intercept:	0
Slope:	0.06199

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	1.00

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/11	1000.0	61.993218	20.0	19212383.0	0.061993	Y



Calibration / PCB-1242 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

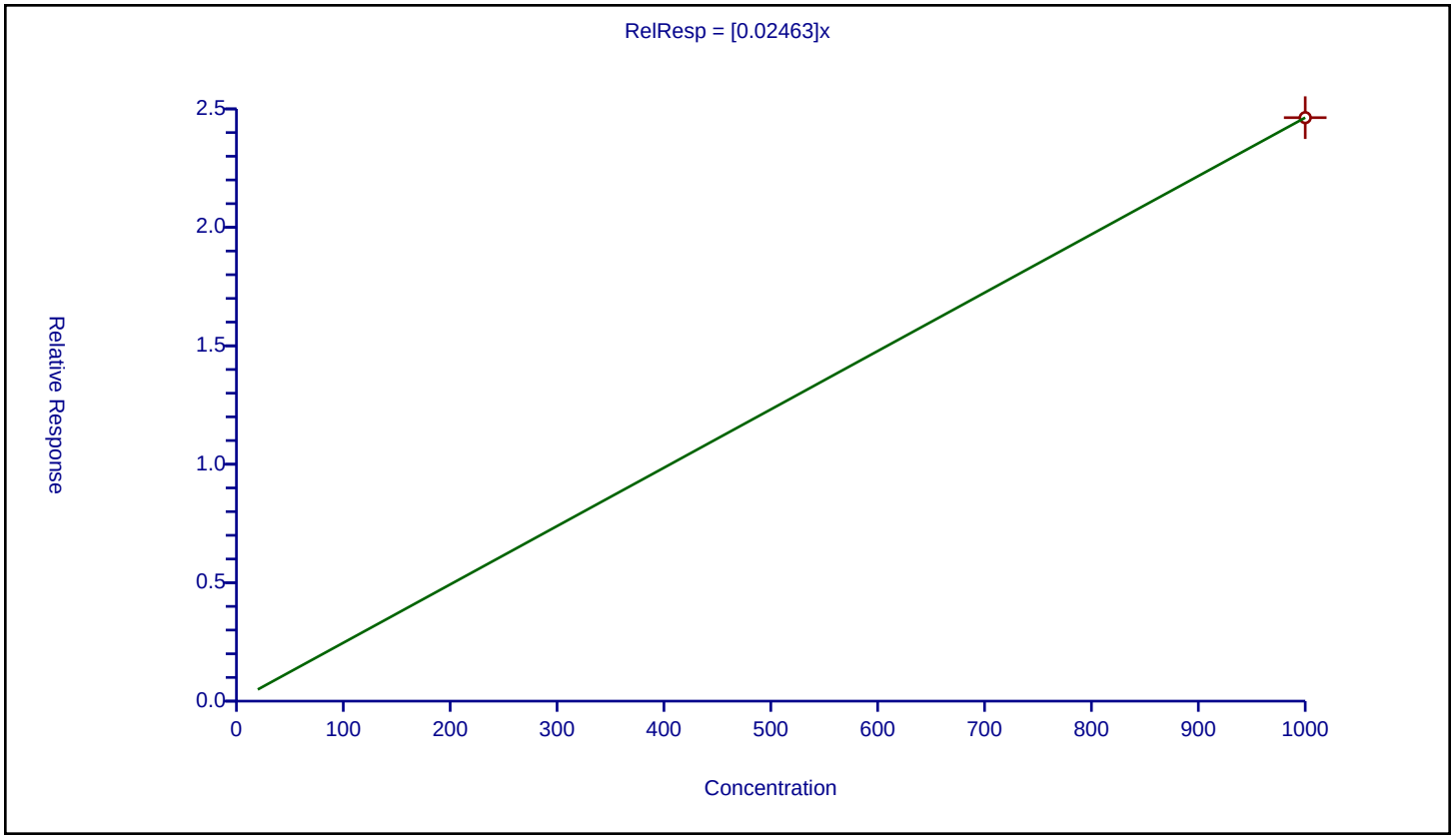
Curve Coefficients

Intercept:	0
Slope:	0.02463

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/11	1000.0	24.629737	20.0	19212383.0	0.02463	Y



Calibration / PCB-1242 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

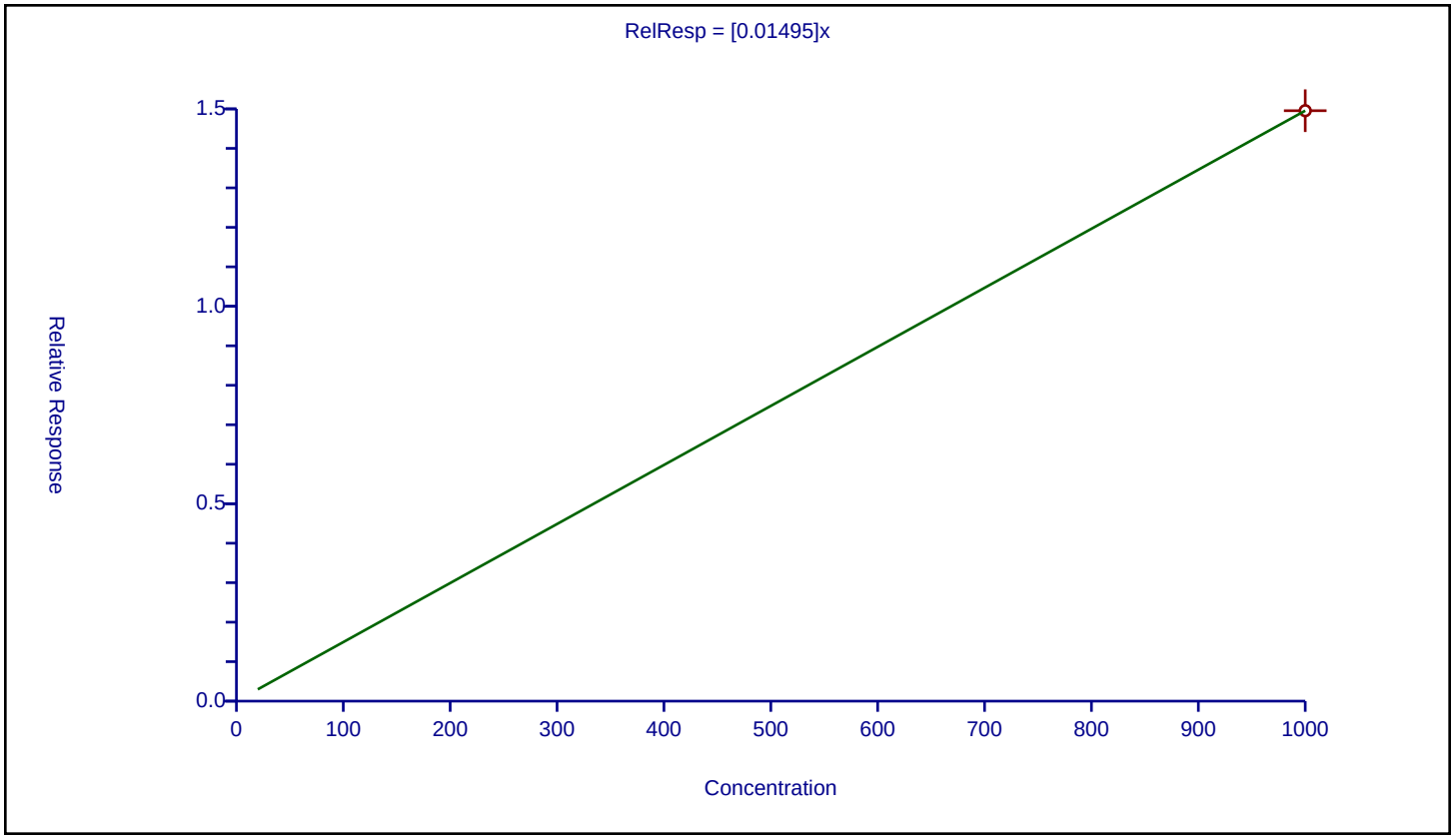
Curve Coefficients

Intercept:	0
Slope:	0.01495

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/11	1000.0	14.9544	20.0	19212383.0	0.014954	Y



Calibration / PCB-1242 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

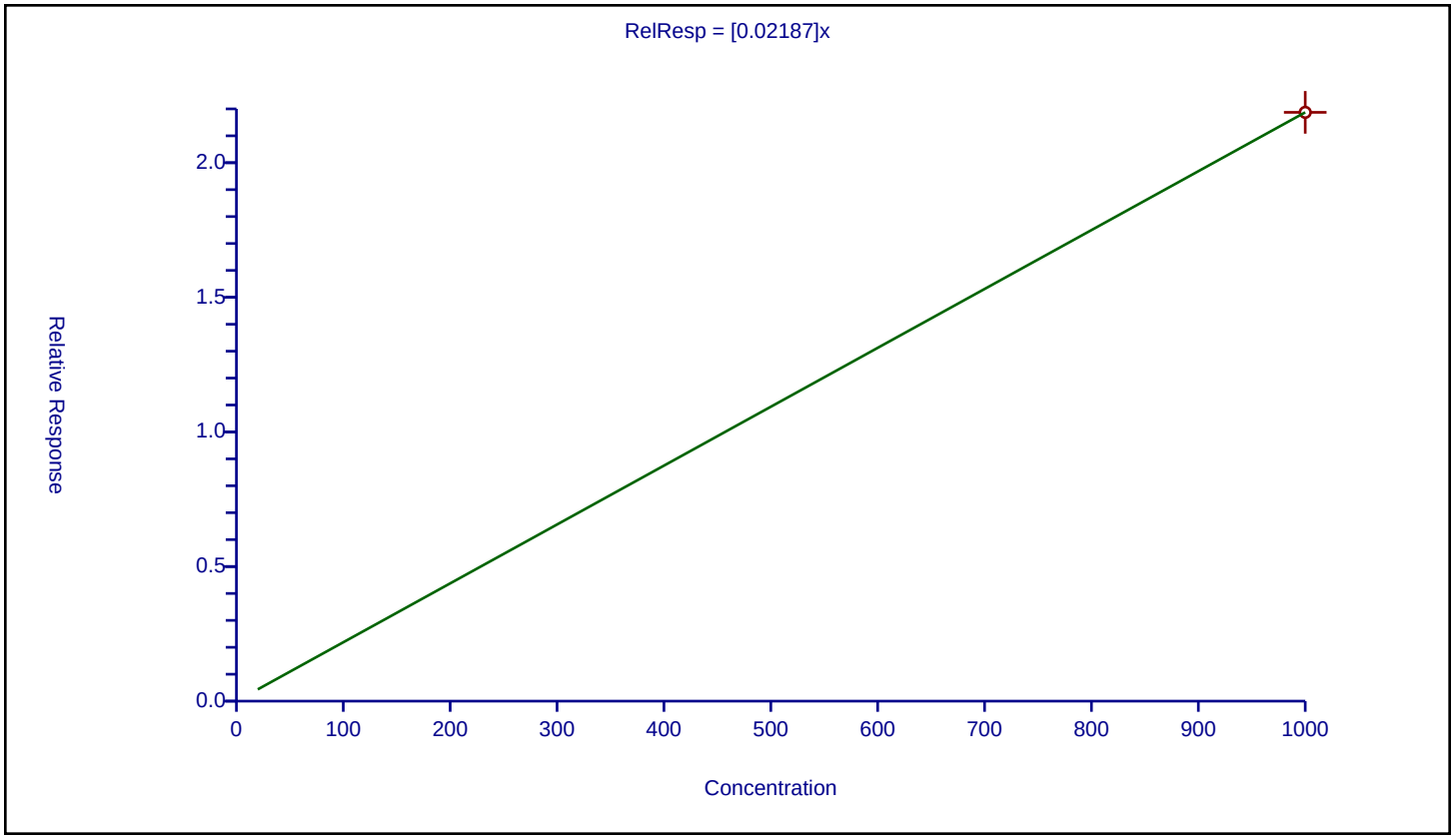
Curve Coefficients

Intercept:	0
Slope:	0.02187

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/11	1000.0	21.871639	20.0	19212383.0	0.021872	Y



Calibration / PCB-1242 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

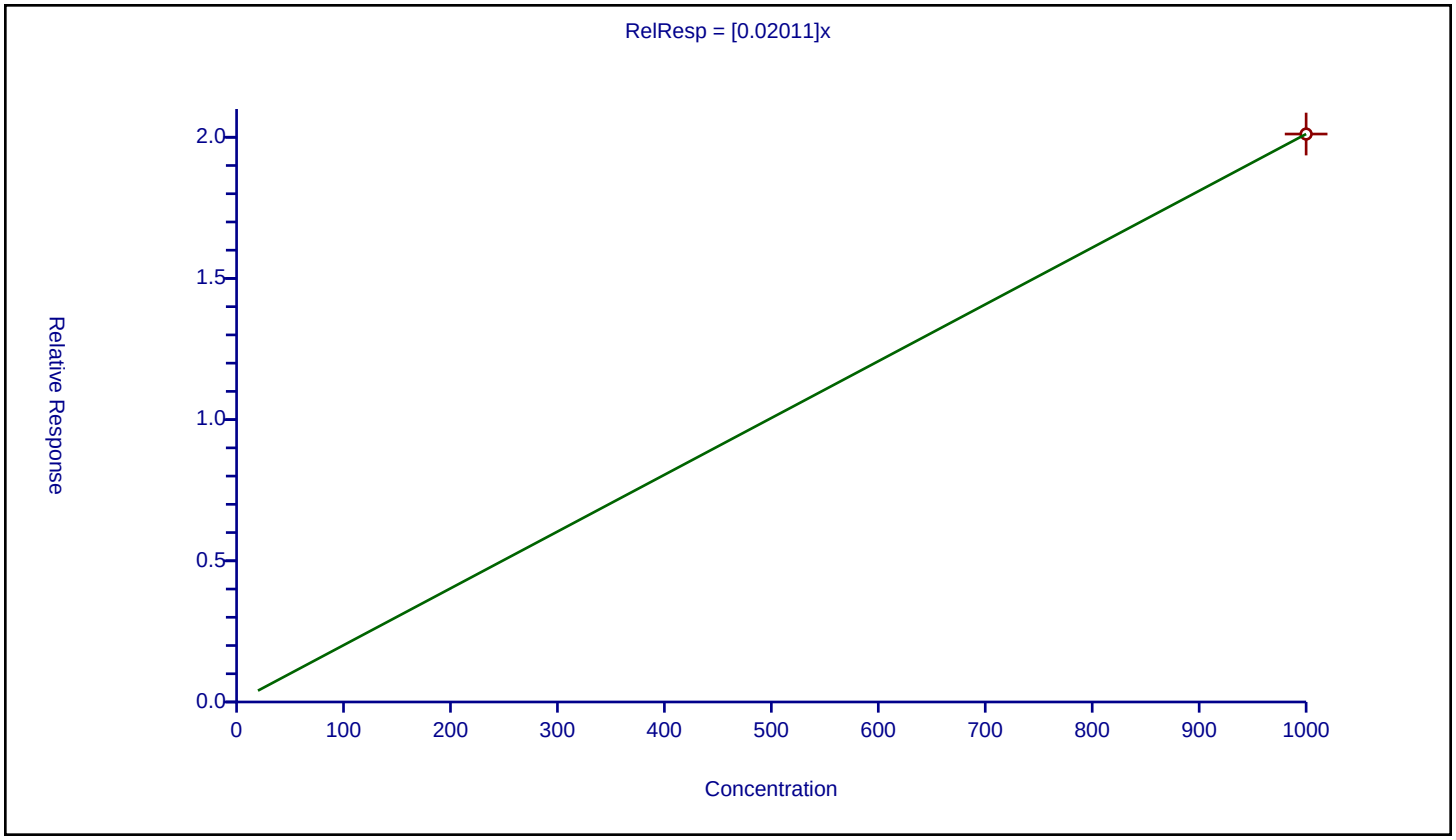
Curve Coefficients

Intercept:	0
Slope:	0.02011

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/11	1000.0	20.113715	20.0	19212383.0	0.020114	Y



Calibration / PCB-1242 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

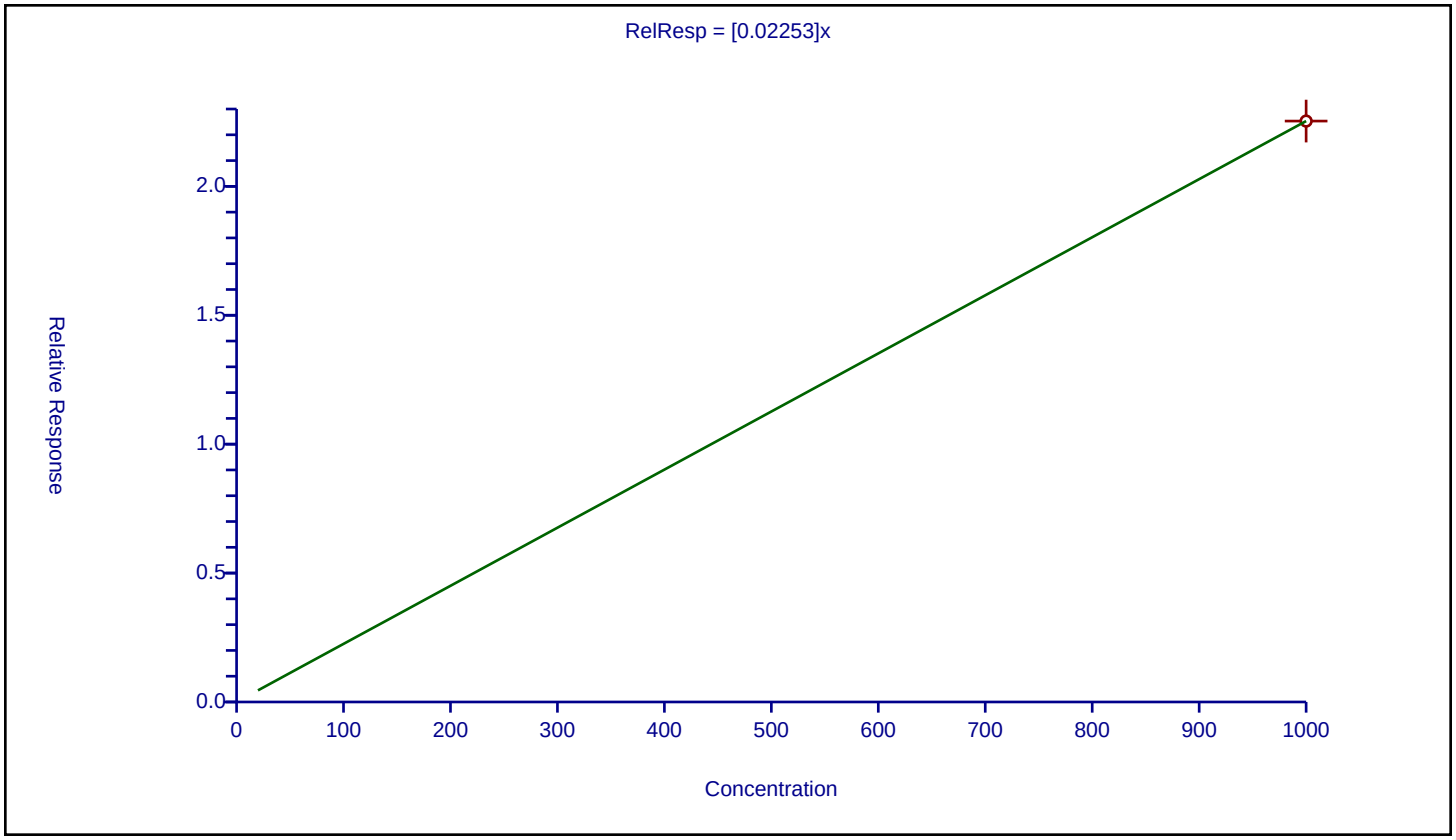
Curve Coefficients

Intercept:	0
Slope:	0.02253

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/11	1000.0	22.532537	20.0	19212383.0	0.022533	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:03 Calibration End Date: 03/02/2022 21:03 Calibration ID: 89426

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/11	14F0021115.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1242 Peak 1	0.0164					Ave		0.0164						20.0			
PCB-1242 Peak 2	0.0341					Ave		0.0341						20.0			
PCB-1242 Peak 3	0.0225					Ave		0.0225						20.0			
PCB-1242 Peak 4	0.0750					Ave		0.0750						20.0			
PCB-1242 Peak 5	0.0296					Ave		0.0296						20.0			
PCB-1242 Peak 6	0.0177					Ave		0.0177						20.0			
PCB-1242 Peak 7	0.0288					Ave		0.0288						20.0			
PCB-1242 Peak 8	0.0439					Ave		0.0439						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-255715-1 | Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 | GC Column: CLP-2 | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:03 | Calibration End Date: 03/02/2022 21:03 | Calibration ID: 89426

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/11	14F0021115.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	24649560					1000				
PCB-1242 Peak 2	BNB	Ave	51219442					1000				
PCB-1242 Peak 3	BNB	Ave	33746311					1000				
PCB-1242 Peak 4	BNB	Ave	112624711					1000				
PCB-1242 Peak 5	BNB	Ave	44485201					1000				
PCB-1242 Peak 6	BNB	Ave	26574146					1000				
PCB-1242 Peak 7	BNB	Ave	43224994					1000				
PCB-1242 Peak 8	BNB	Ave	65952550					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021115.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 21:03:06 ALS Bottle#: 14 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub4

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:20 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:10:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.754	1.754	0.000	19212383	20.0	20.0	
2	1.542	1.542	0.000	30032821	20.0	20.0	
						RPD = 0.00	
4 PCB-1242							M
1	3.401	3.401	0.000	14383011	1000.0	1000.0	
1	3.919	3.919	0.000	28893604	1000.0	1000.0	
1	4.497	4.497	0.000	59551872	1000.0	1000.0	M
1	4.668	4.668	0.000	23659797	1000.0	1000.0	M
1	4.797	4.797	0.000	14365483	1000.0	1000.0	M
1	5.418	5.418	0.000	21010315	1000.0	1000.0	M
1	5.763	5.763	0.000	19321620	1000.0	1000.0	M
1	5.822	5.822	0.000	21645187	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.653	2.653	0.000	24649560	1000.0	1000.0	
2	3.052	3.052	0.000	51219442	1000.0	1000.0	M
2	3.280	3.280	0.000	33746311	1000.0	1000.0	M
2	3.585	3.585	0.000	112624711	1000.0	1000.0	
2	3.737	3.737	0.000	44485201	1000.0	1000.0	
2	3.808	3.808	0.000	26574146	1000.0	1000.0	
2	4.220	4.220	0.000	43224994	1000.0	1000.0	M
2	4.722	4.722	0.000	65952550	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1242L4_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

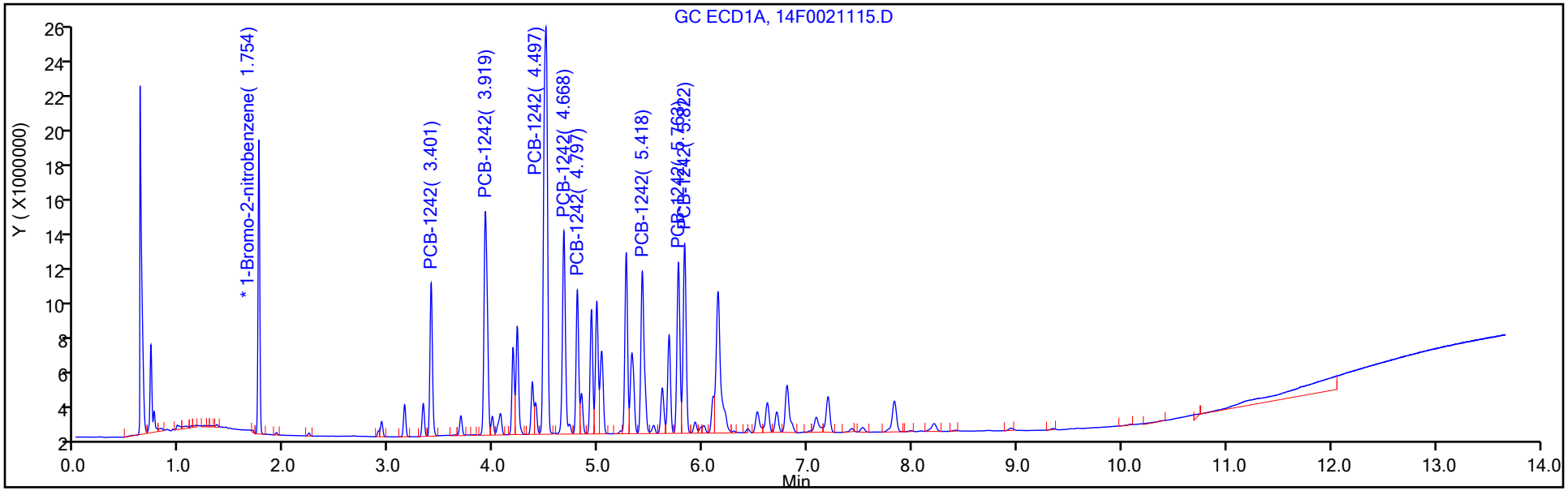
Report Date: 03-Mar-2022 11:14:20 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

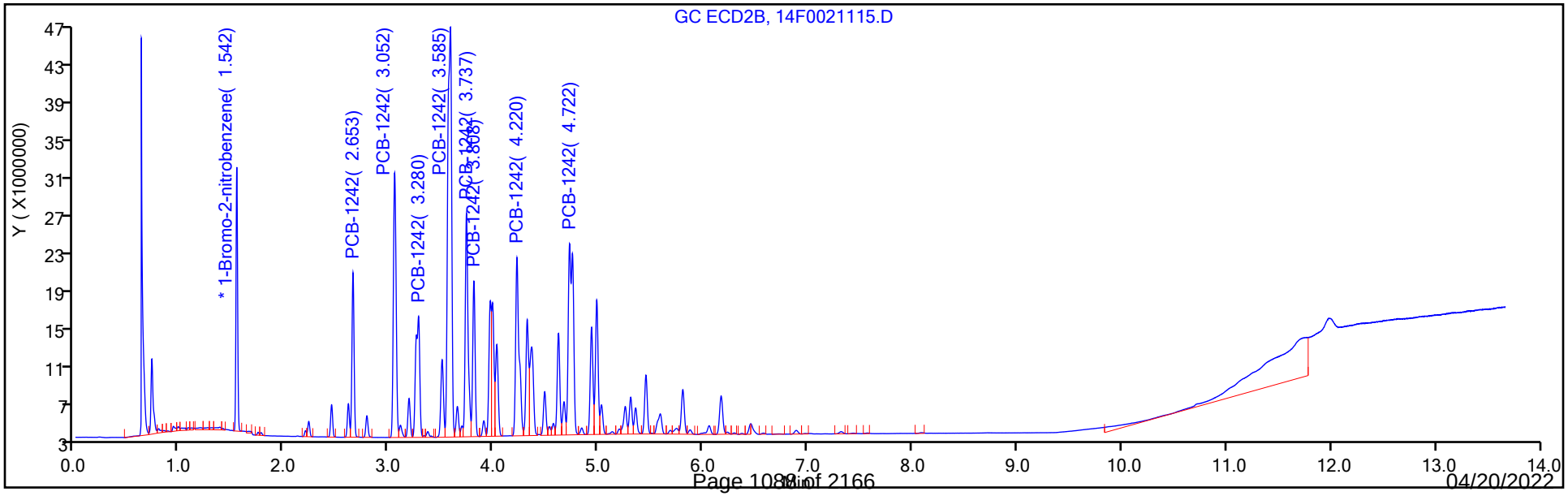
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021115.D

Injection Date:	02-Mar-2022 21:03:06	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC 1242			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)

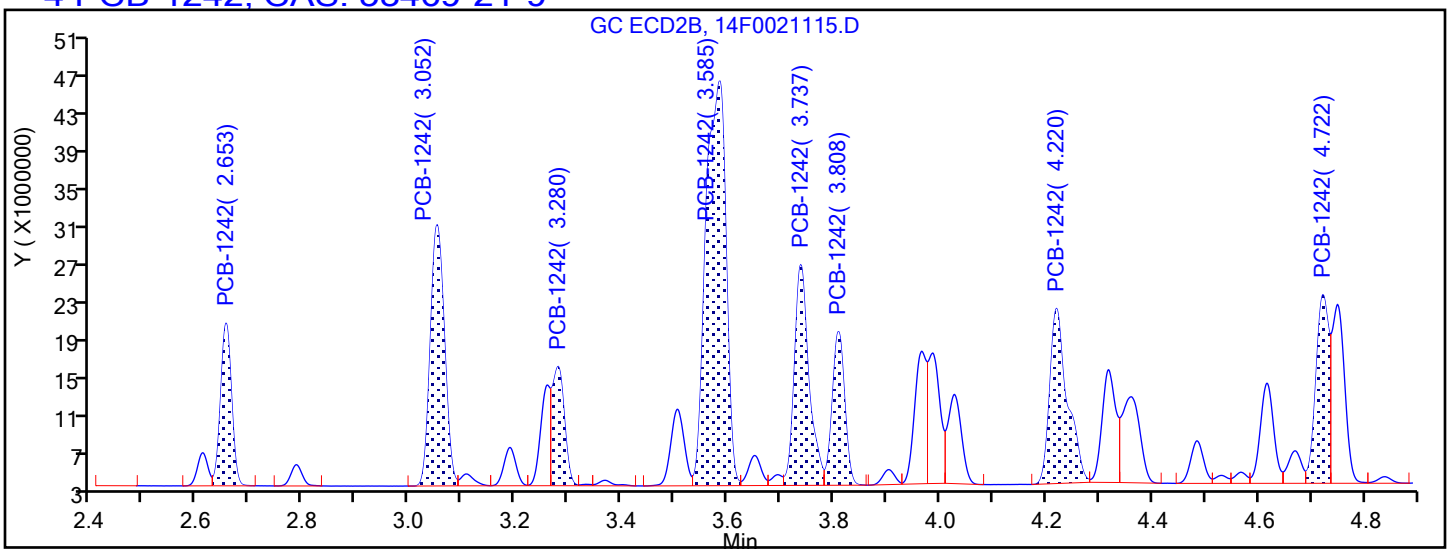


Report Date: 03-Mar-2022 11:14:20 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

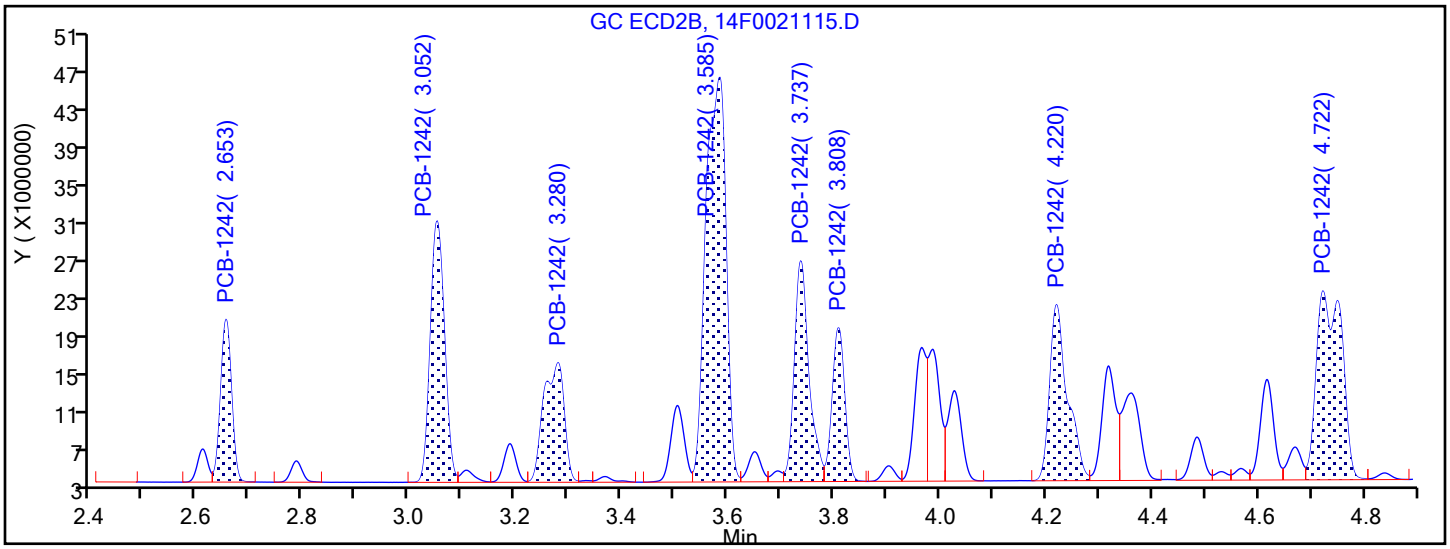
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021115.D
Injection Date: 02-Mar-2022 21:03:06 Instrument ID: CPESTGC14
Lims ID: IC 1242
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

2.653	Response = 24649560
3.052	Response = 51129474
3.280	Response = 20206523
3.585	Response = 112624711
3.737	Response = 44485201
3.808	Response = 26574146
4.220	Response = 42478949
4.722	Response = 34260823



Manual Integration Results

2.653	Response = 24649560	
3.052	Response = 51219442	M
3.280	Response = 33746311	M
3.585	Response = 112624711	
3.737	Response = 44485201	
3.808	Response = 26574146	

Calibration / PCB-1242 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

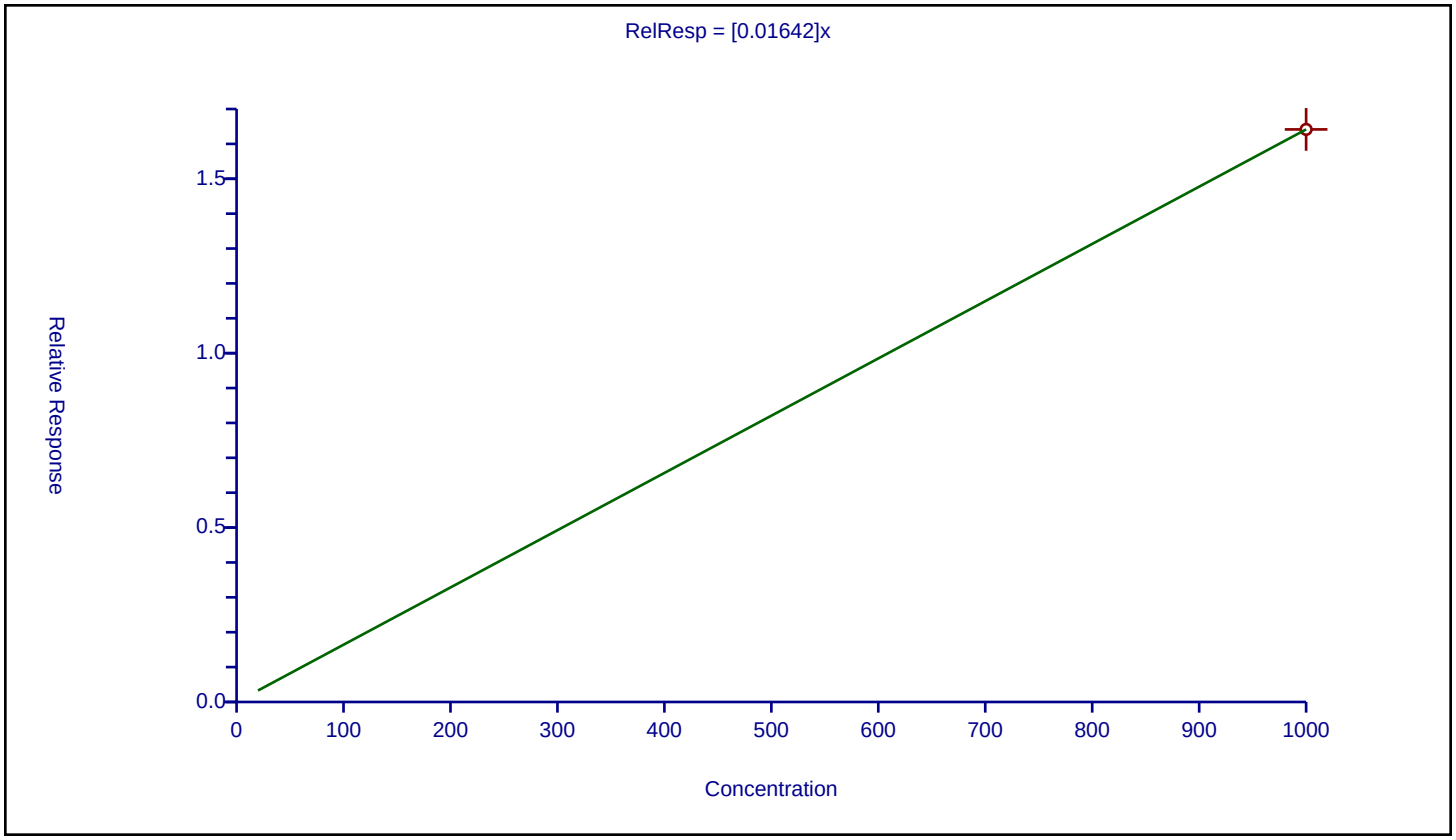
Curve Coefficients

Intercept:	0
Slope:	0.01642

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/11	1000.0	16.415081	20.0	30032821.0	0.016415	Y



Calibration / PCB-1242 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

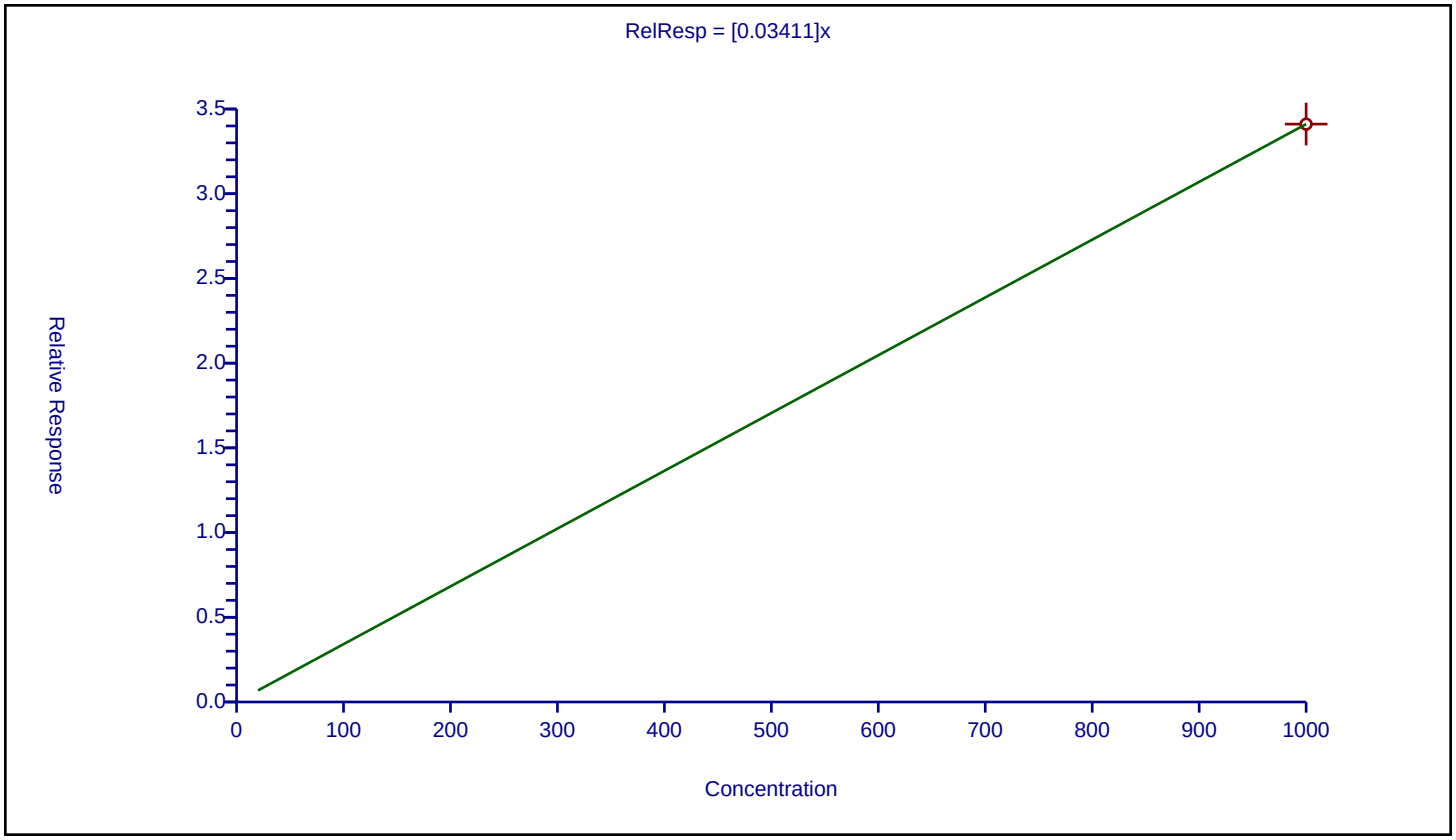
Curve Coefficients

Intercept:	0
Slope:	0.03411

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/11	1000.0	34.108978	20.0	30032821.0	0.034109	Y



Calibration / PCB-1242 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

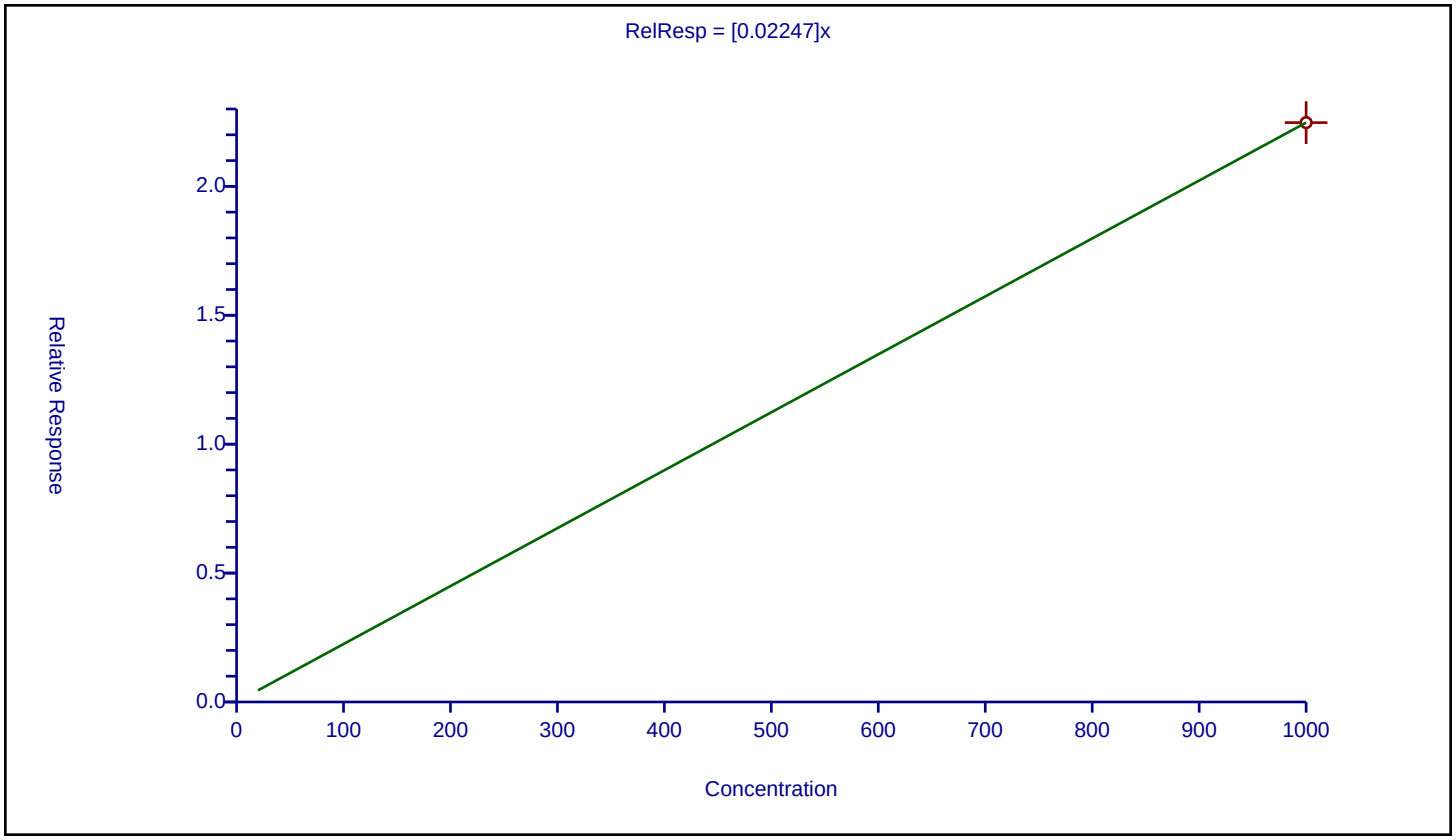
Curve Coefficients

Intercept:	0
Slope:	0.02247

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/11	1000.0	22.472955	20.0	30032821.0	0.022473	Y



Calibration / PCB-1242 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

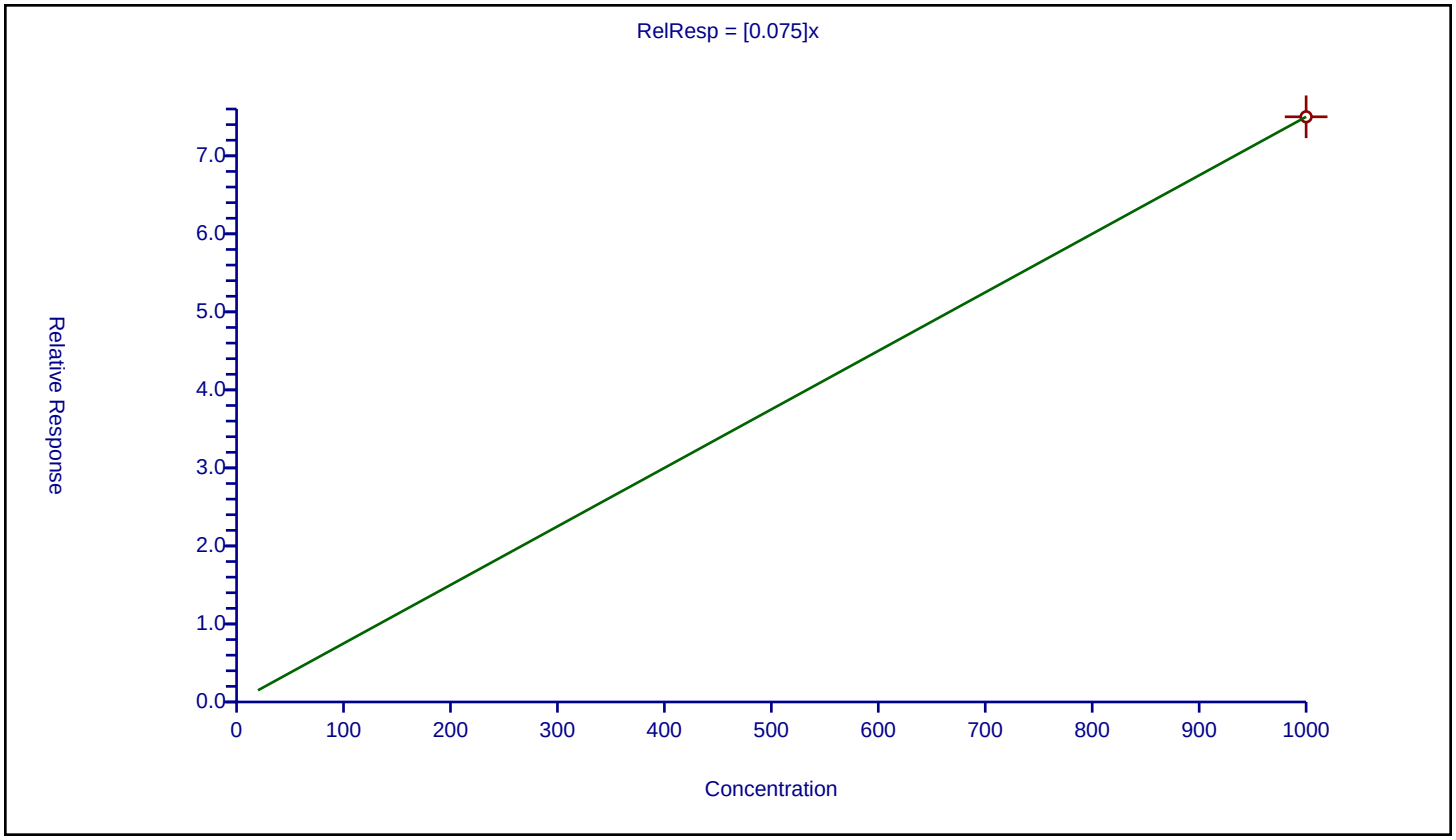
Curve Coefficients

Intercept:	0
Slope:	0.075

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/11	1000.0	75.001087	20.0	30032821.0	0.075001	Y



Calibration / PCB-1242 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

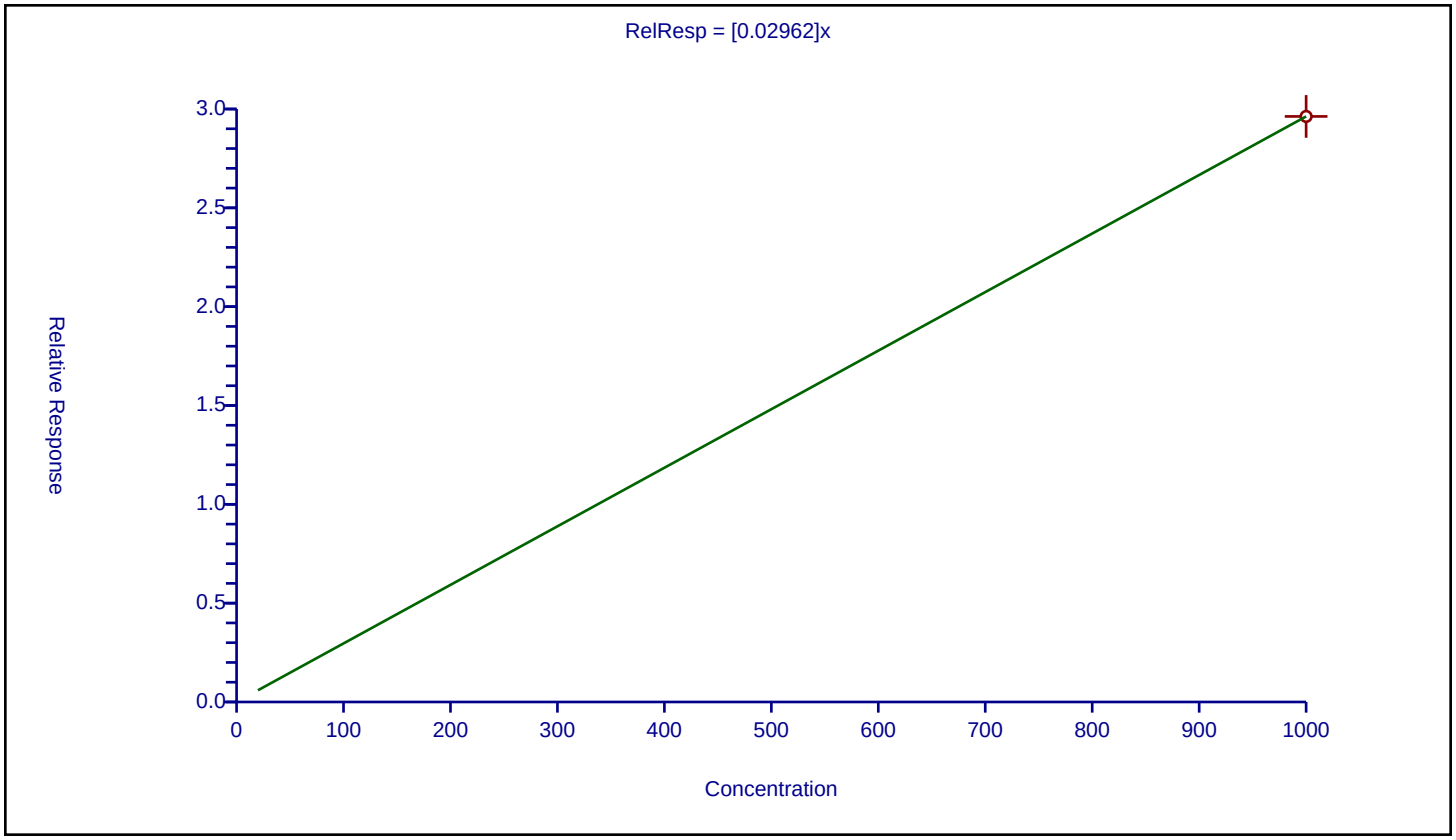
Curve Coefficients

Intercept:	0
Slope:	0.02962

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/11	1000.0	29.624391	20.0	30032821.0	0.029624	Y



Calibration / PCB-1242 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

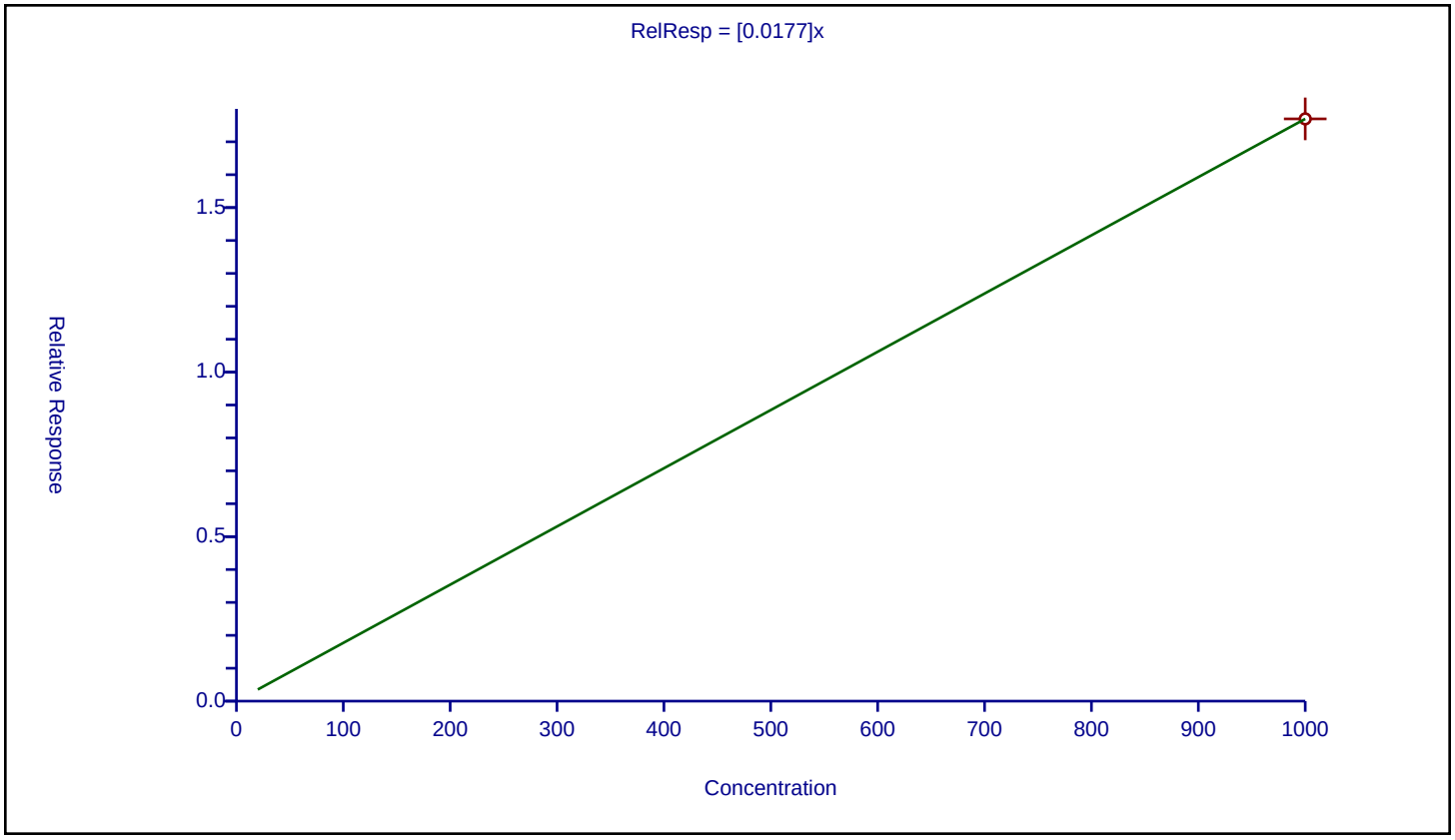
Curve Coefficients

Intercept:	0
Slope:	0.0177

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/11	1000.0	17.696737	20.0	30032821.0	0.017697	Y



Calibration / PCB-1242 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

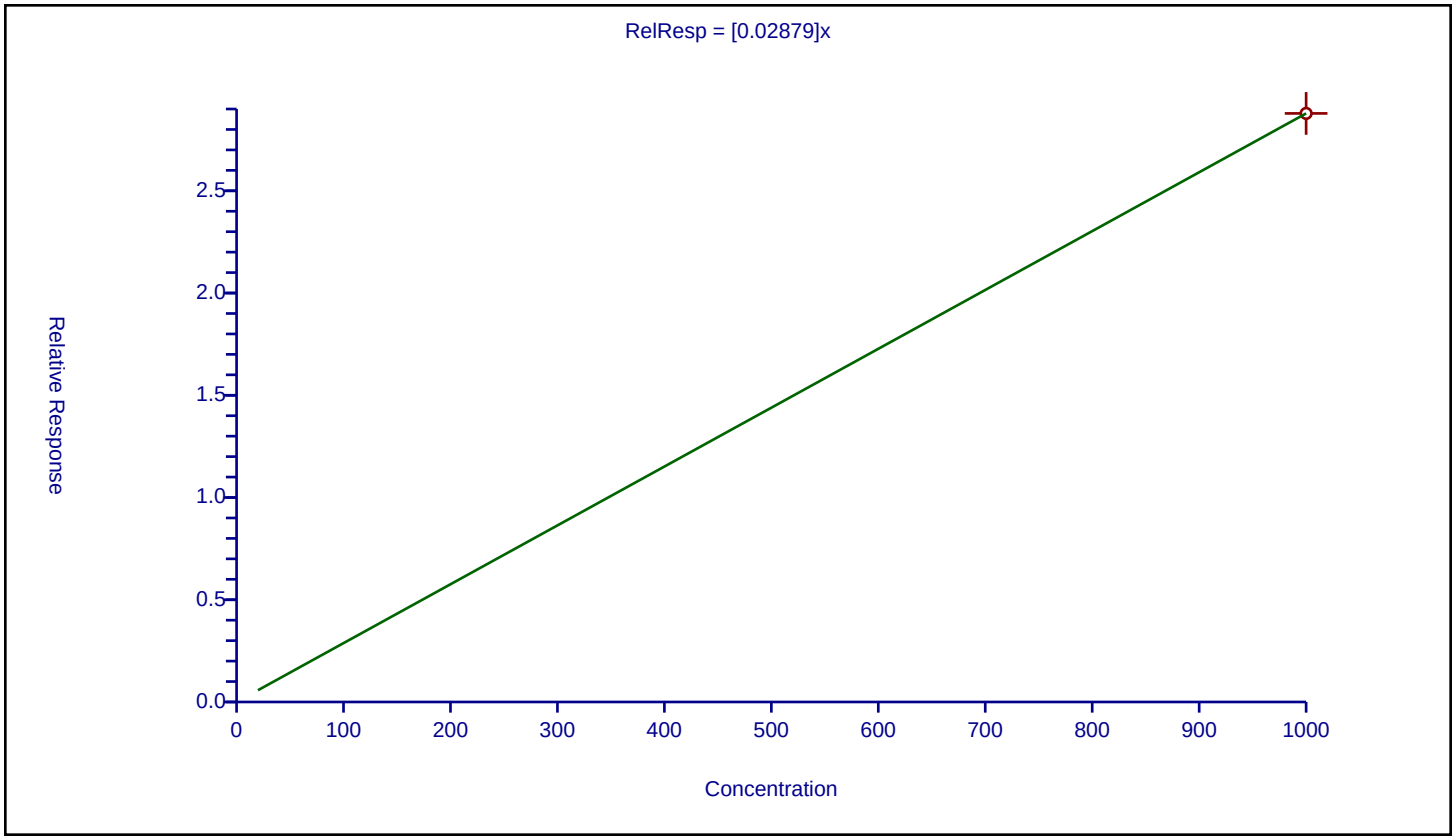
Curve Coefficients

Intercept:	0
Slope:	0.02879

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/11	1000.0	28.785171	20.0	30032821.0	0.028785	Y



Calibration / PCB-1242 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

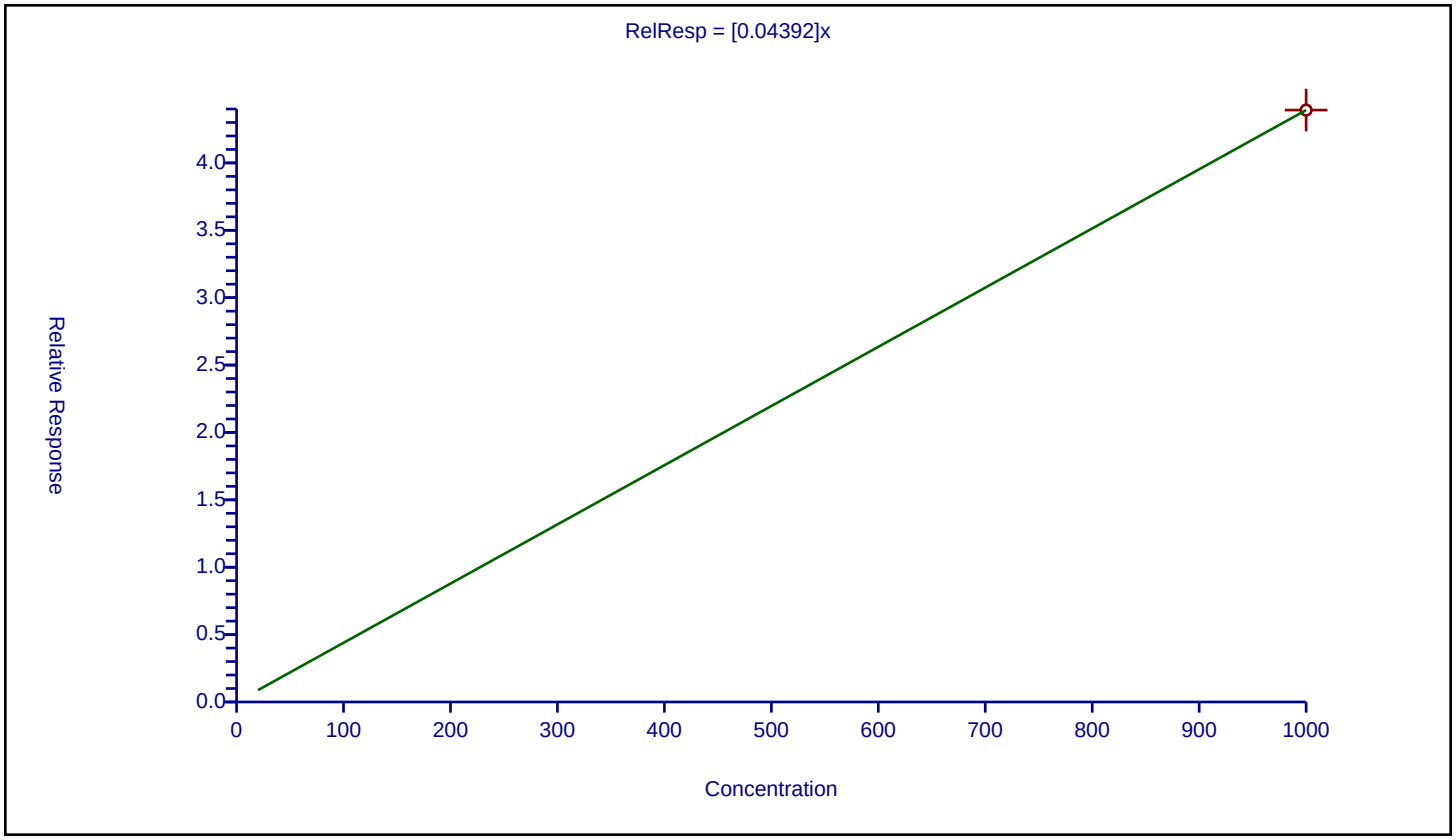
Curve Coefficients

Intercept:	0
Slope:	0.04392

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/11	1000.0	43.920316	20.0	30032821.0	0.04392	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:19 Calibration End Date: 03/02/2022 21:19 Calibration ID: 89431

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/12	14F0021116.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1248 Peak 1	0.0150					Ave		0.0150						20.0			
PCB-1248 Peak 2	0.0388					Ave		0.0388						20.0			
PCB-1248 Peak 3	0.0235					Ave		0.0235						20.0			
PCB-1248 Peak 4	0.0207					Ave		0.0207						20.0			
PCB-1248 Peak 5	0.0316					Ave		0.0316						20.0			
PCB-1248 Peak 6	0.0346					Ave		0.0346						20.0			
PCB-1248 Peak 7	0.0385					Ave		0.0385						20.0			
PCB-1248 Peak 8	0.0201					Ave		0.0201						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-255715-1 | Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 | GC Column: Rtx-CLP | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:19 | Calibration End Date: 03/02/2022 21:19 | Calibration ID: 89431

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/12	14F0021116.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	14202197					1000				
PCB-1248 Peak 2	BNB	Ave	36735757					1000				
PCB-1248 Peak 3	BNB	Ave	22260462					1000				
PCB-1248 Peak 4	BNB	Ave	19608703					1000				
PCB-1248 Peak 5	BNB	Ave	29958936					1000				
PCB-1248 Peak 6	BNB	Ave	32749376					1000				
PCB-1248 Peak 7	BNB	Ave	36475773					1000				
PCB-1248 Peak 8	BNB	Ave	19013007					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021116.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 21:19:40 ALS Bottle#: 15 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:23 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:14:50

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.755	1.755	0.000	18948803	20.0	20.0	
2	1.544	1.544	0.000	29730202	20.0	20.0	M
						RPD = 0.00	
6 PCB-1248							M
1	3.917	3.917	0.000	14202197	1000.0	1000.0	M
1	4.492	4.492	0.000	36735757	1000.0	1000.0	M
1	4.931	4.931	0.000	22260462	1000.0	1000.0	M
1	4.982	4.982	0.000	19608703	1000.0	1000.0	M
1	5.416	5.416	0.000	29958936	1000.0	1000.0	M
1	5.762	5.762	0.000	32749376	1000.0	1000.0	M
1	5.821	5.821	0.000	36475773	1000.0	1000.0	M
1	6.801	6.801	0.000	19013007	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	3.051	3.051	0.000	25629725	1000.0	1000.0	
2	3.569	3.569	0.000	68609200	1000.0	1000.0	
2	3.966	3.966	0.000	70553463	1000.0	1000.0	M
2	4.318	4.318	0.000	37081747	1000.0	1000.0	M
2	4.723	4.723	0.000	62056174	1000.0	1000.0	M
2	4.983	4.983	0.000	46339071	1000.0	1000.0	M
2	5.453	5.453	0.000	30706820	1000.0	1000.0	M
2	6.172	6.172	0.000	20291008	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1248L4_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

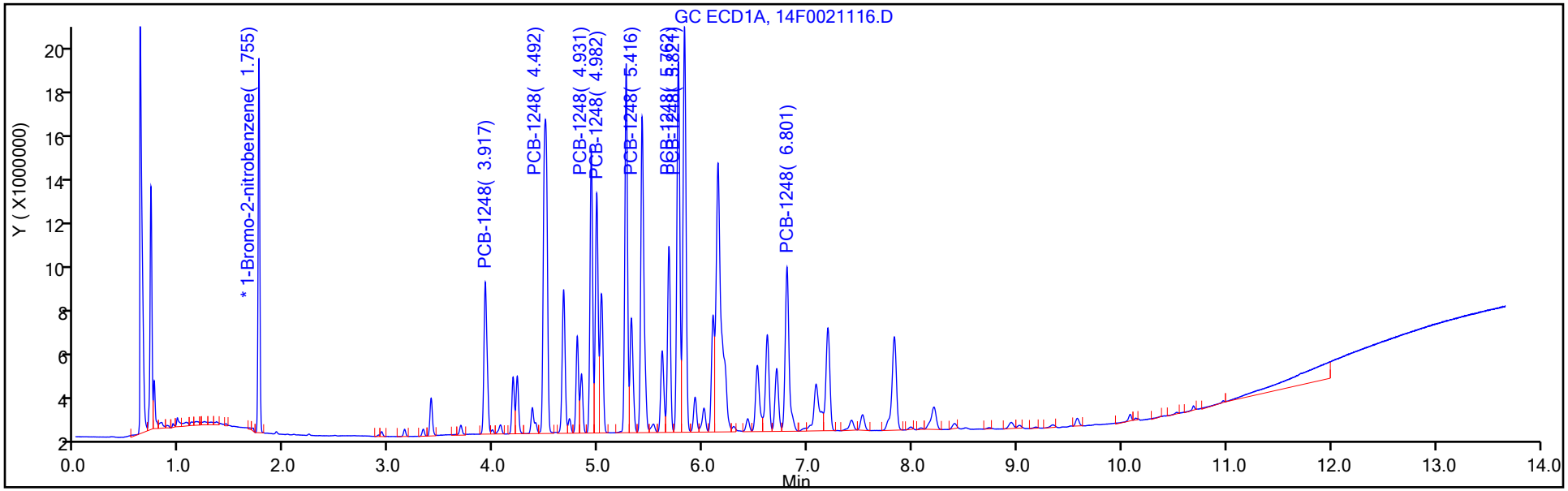
Report Date: 03-Mar-2022 11:14:23 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

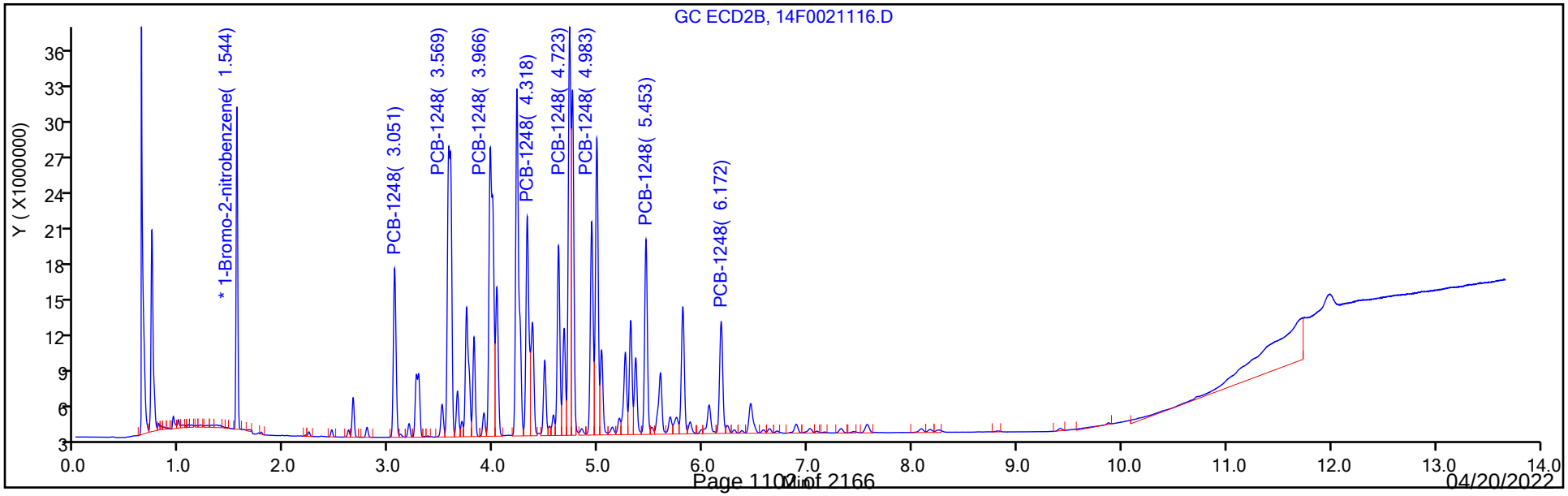
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021116.D

Injection Date:	02-Mar-2022 21:19:40	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC 1248			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)

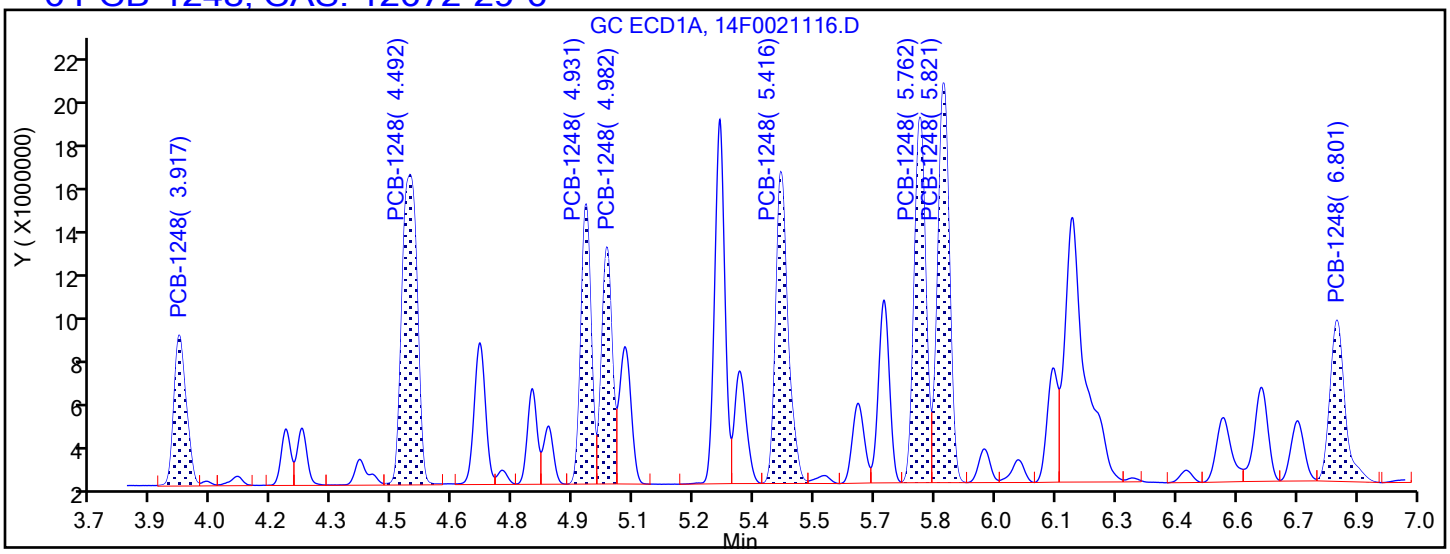


Report Date: 03-Mar-2022 11:14:23 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

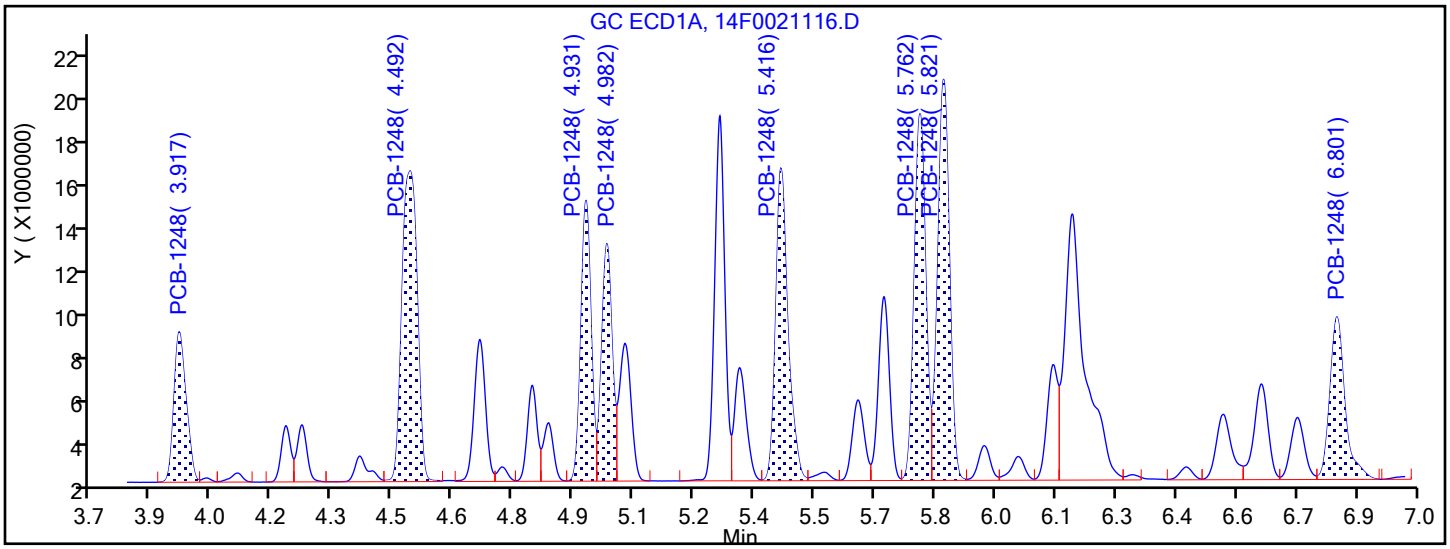
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021116.D
Injection Date: 02-Mar-2022 21:19:40 Instrument ID: CPESTGC14
Lims ID: IC 1248
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

6 PCB-1248, CAS: 12672-29-6



Processing Integration Results

3.917	Response = 14364803
4.492	Response = 36758144
4.931	Response = 22193223
4.982	Response = 19555225
5.416	Response = 29793792
5.762	Response = 32544331
5.821	Response = 36243016
6.801	Response = 18593042



Manual Integration Results

3.917	Response = 14202197	M
4.492	Response = 36735757	M
4.931	Response = 22260462	M
4.982	Response = 19608703	M
5.416	Response = 29958936	M
5.762	Response = 32749376	M

Calibration / PCB-1248 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

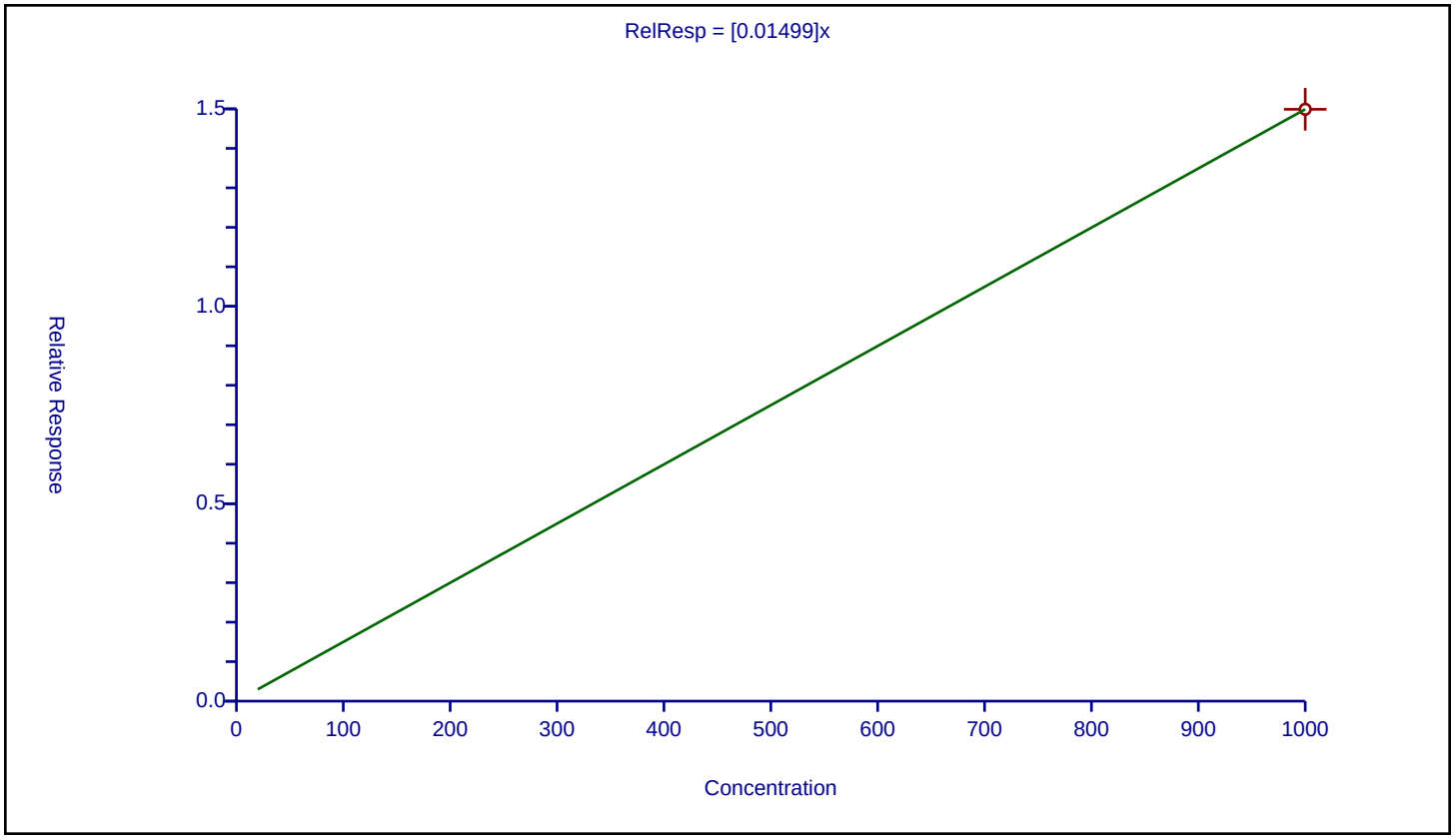
Curve Coefficients

Intercept:	0
Slope:	0.01499

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/12	1000.0	14.990073	20.0	18948803.0	0.01499	Y



Calibration / PCB-1248 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

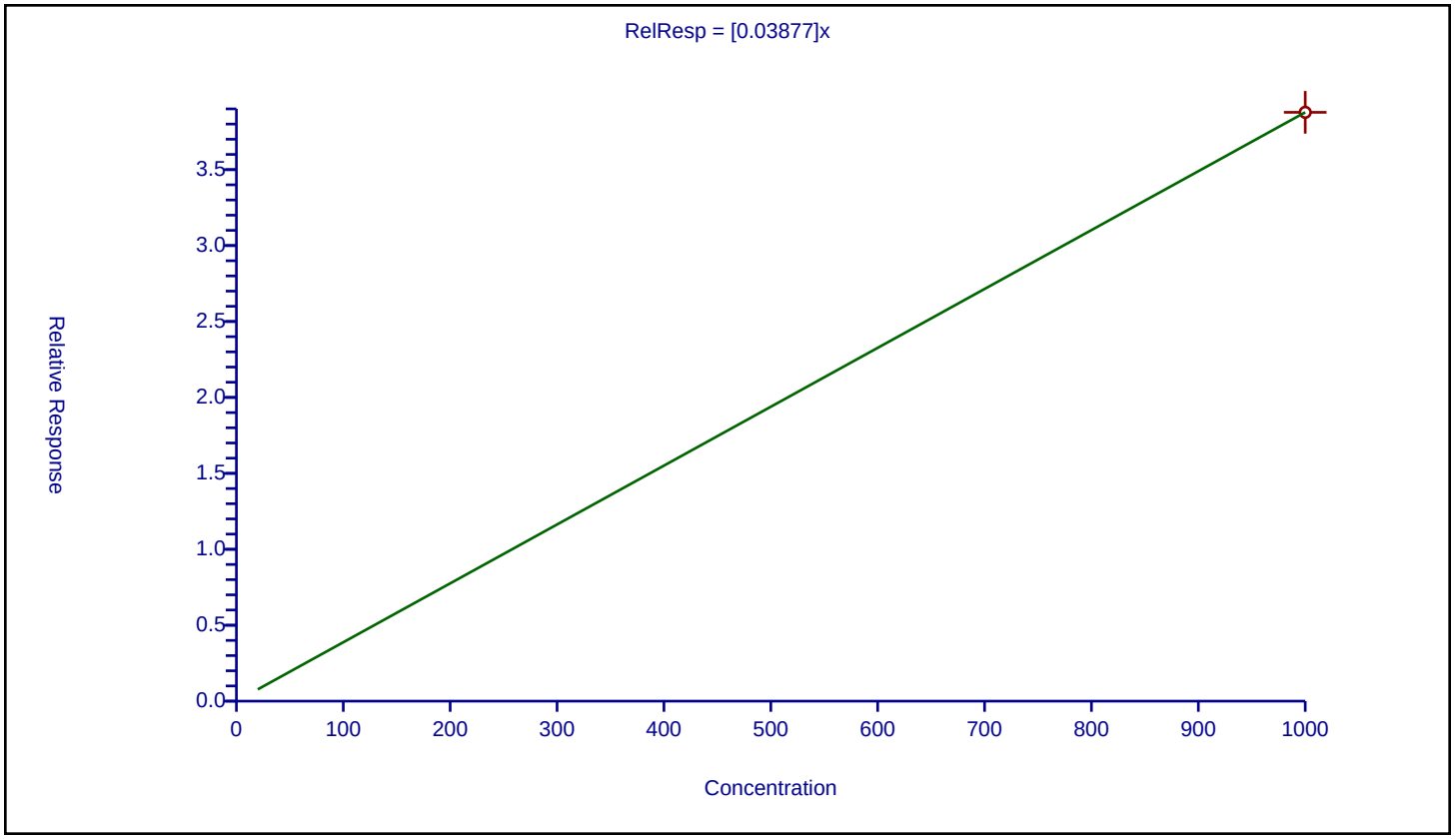
Curve Coefficients

Intercept:	0
Slope:	0.03877

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/12	1000.0	38.773697	20.0	18948803.0	0.038774	Y



Calibration / PCB-1248 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

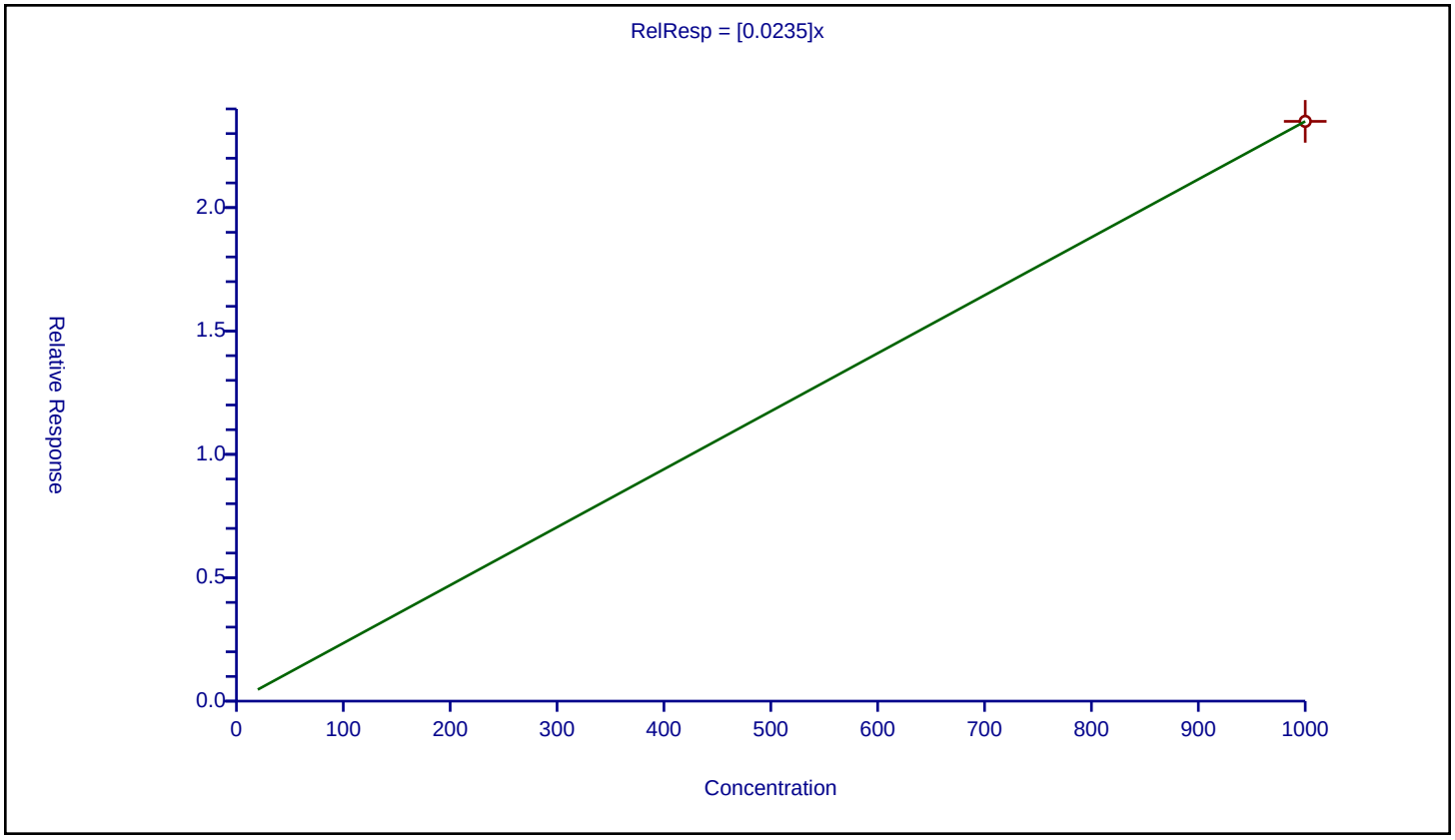
Curve Coefficients

Intercept:	0
Slope:	0.0235

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/12	1000.0	23.495375	20.0	18948803.0	0.023495	Y



Calibration / PCB-1248 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

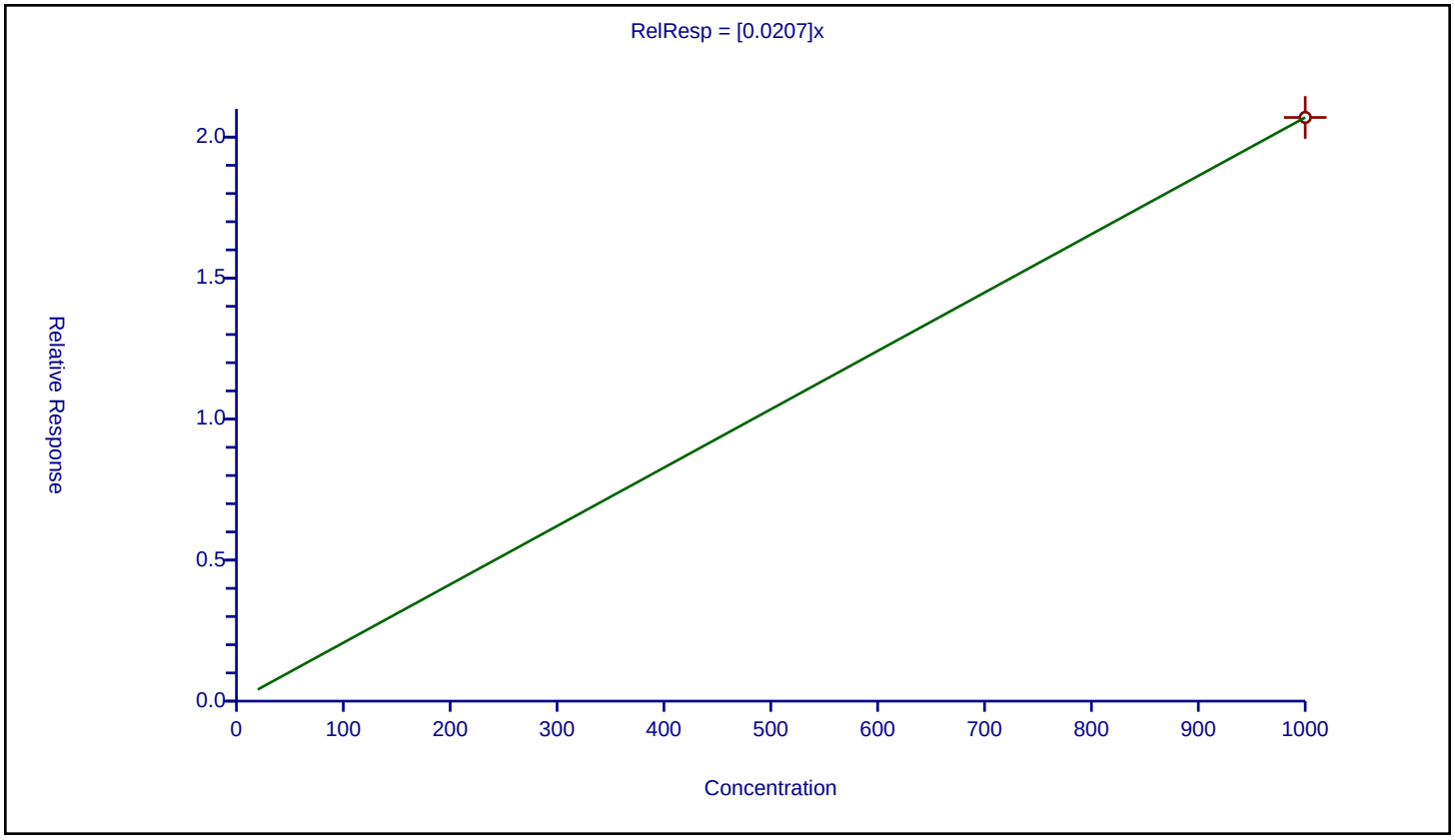
Curve Coefficients

Intercept:	0
Slope:	0.0207

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/12	1000.0	20.696508	20.0	18948803.0	0.020697	Y



Calibration / PCB-1248 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

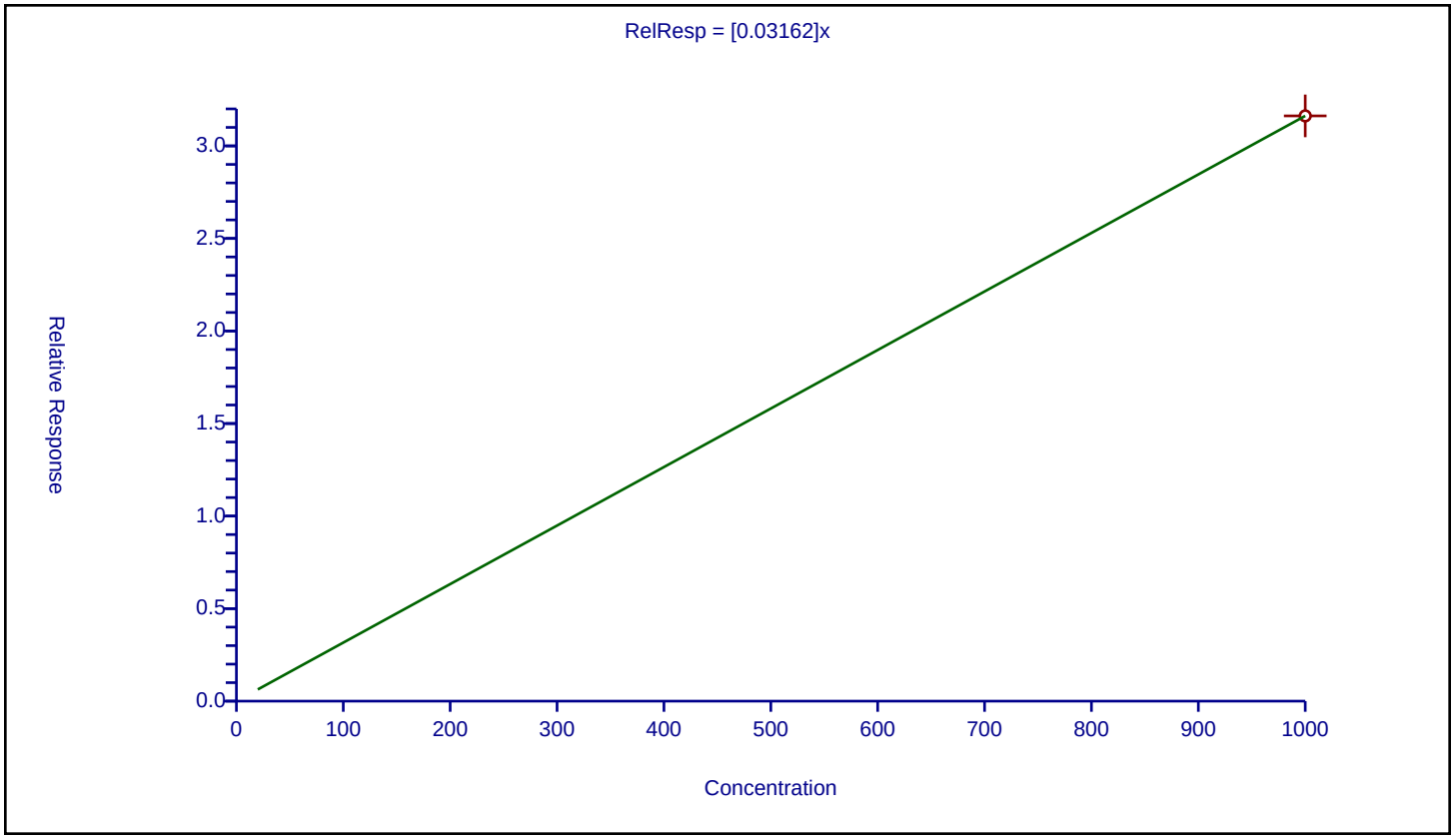
Curve Coefficients

Intercept:	0
Slope:	0.03162

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/12	1000.0	31.620927	20.0	18948803.0	0.031621	Y



Calibration / PCB-1248 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

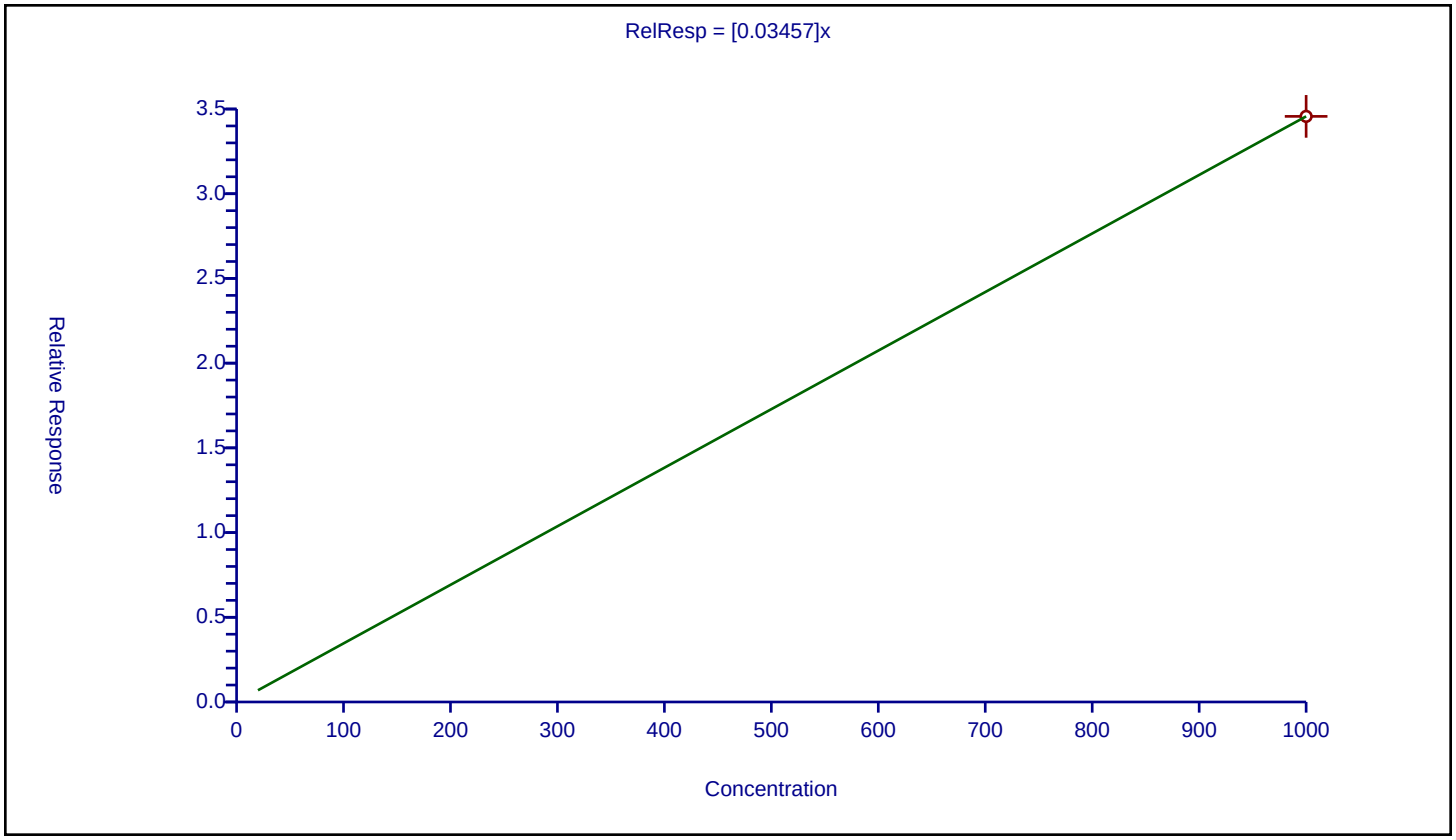
Curve Coefficients

Intercept:	0
Slope:	0.03457

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/12	1000.0	34.566169	20.0	18948803.0	0.034566	Y



Calibration / PCB-1248 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

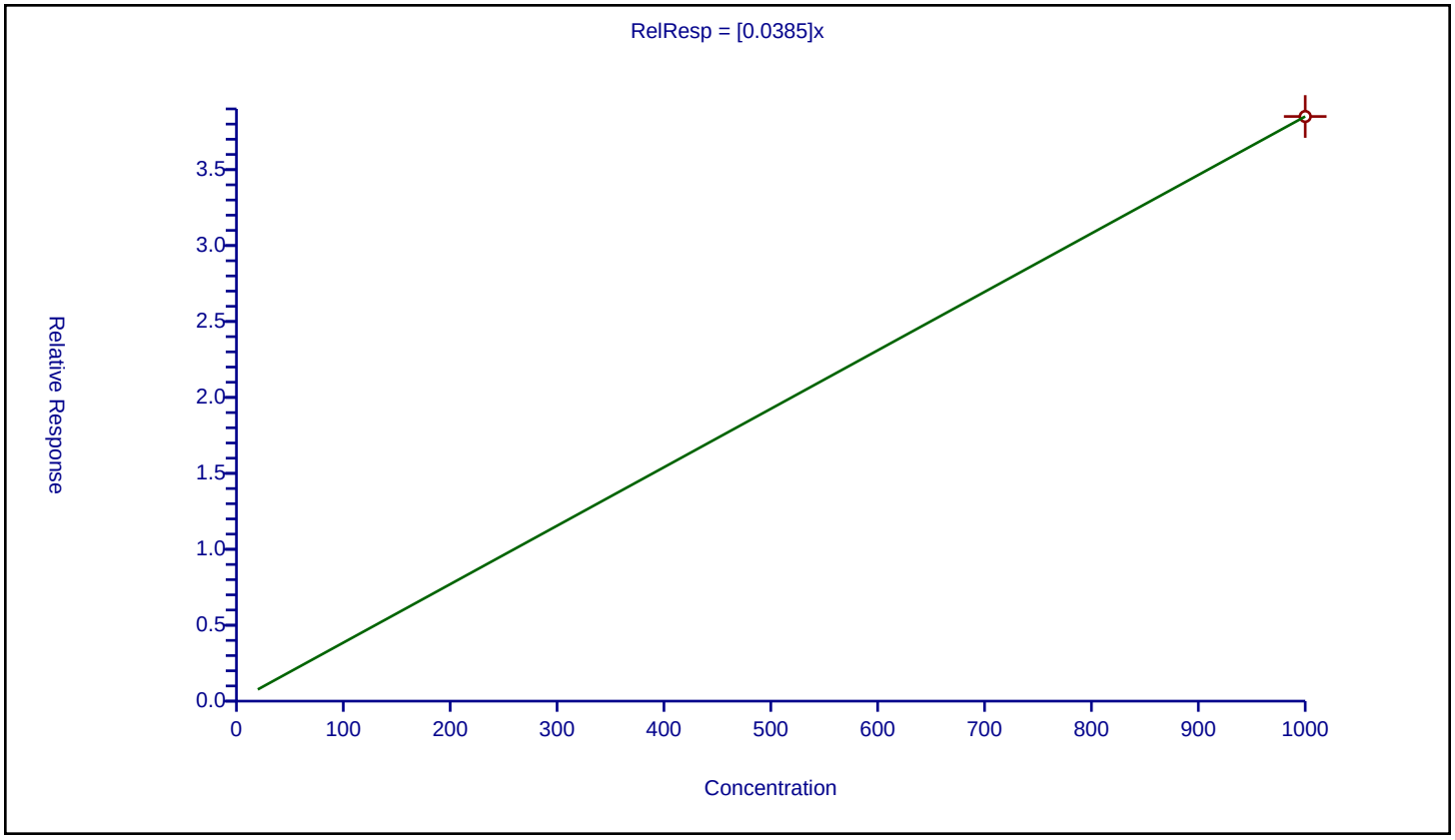
Curve Coefficients

Intercept:	0
Slope:	0.0385

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/12	1000.0	38.49929	20.0	18948803.0	0.038499	Y



Calibration / PCB-1248 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

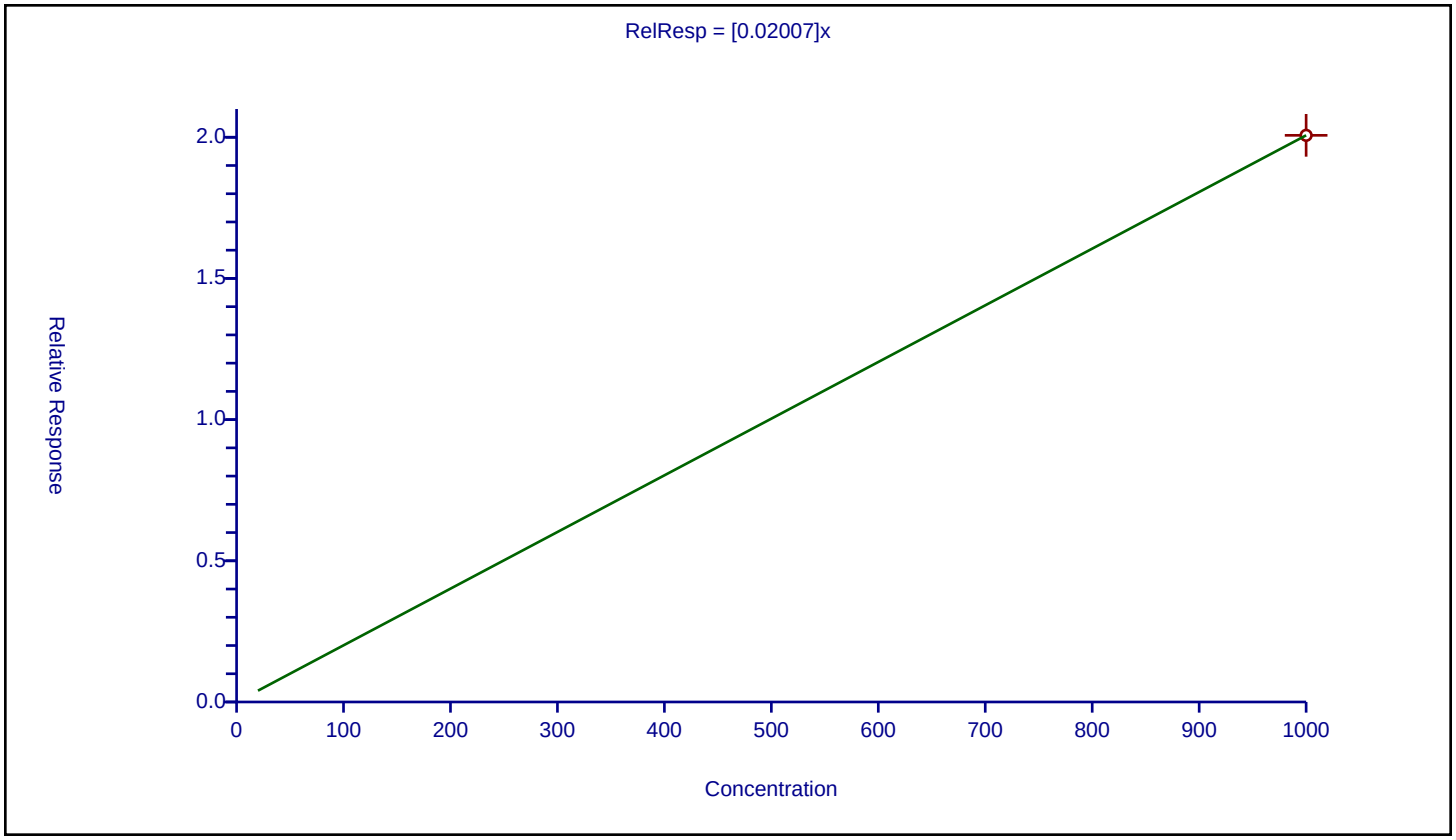
Curve Coefficients

Intercept:	0
Slope:	0.02007

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/12	1000.0	20.067766	20.0	18948803.0	0.020068	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:19 Calibration End Date: 03/02/2022 21:19 Calibration ID: 89432

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/12	14F0021116.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1248 Peak 1	0.0172					Ave		0.0172						20.0			
PCB-1248 Peak 2	0.0462					Ave		0.0462						20.0			
PCB-1248 Peak 3	0.0475					Ave		0.0475						20.0			
PCB-1248 Peak 4	0.0249					Ave		0.0249						20.0			
PCB-1248 Peak 5	0.0417					Ave		0.0417						20.0			
PCB-1248 Peak 6	0.0312					Ave		0.0312						20.0			
PCB-1248 Peak 7	0.0207					Ave		0.0207						20.0			
PCB-1248 Peak 8	0.0137					Ave		0.0137						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-255715-1 | Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 | GC Column: CLP-2 | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:19 | Calibration End Date: 03/02/2022 21:19 | Calibration ID: 89432

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/12	14F0021116.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	25629725					1000				
PCB-1248 Peak 2	BNB	Ave	68609200					1000				
PCB-1248 Peak 3	BNB	Ave	70553463					1000				
PCB-1248 Peak 4	BNB	Ave	37081747					1000				
PCB-1248 Peak 5	BNB	Ave	62056174					1000				
PCB-1248 Peak 6	BNB	Ave	46339071					1000				
PCB-1248 Peak 7	BNB	Ave	30706820					1000				
PCB-1248 Peak 8	BNB	Ave	20291008					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021116.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 21:19:40 ALS Bottle#: 15 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:23 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:14:50

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.755	1.755	0.000	18948803	20.0	20.0	
2	1.544	1.544	0.000	29730202	20.0	20.0	M
						RPD = 0.00	
6 PCB-1248							M
1	3.917	3.917	0.000	14202197	1000.0	1000.0	M
1	4.492	4.492	0.000	36735757	1000.0	1000.0	M
1	4.931	4.931	0.000	22260462	1000.0	1000.0	M
1	4.982	4.982	0.000	19608703	1000.0	1000.0	M
1	5.416	5.416	0.000	29958936	1000.0	1000.0	M
1	5.762	5.762	0.000	32749376	1000.0	1000.0	M
1	5.821	5.821	0.000	36475773	1000.0	1000.0	M
1	6.801	6.801	0.000	19013007	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	3.051	3.051	0.000	25629725	1000.0	1000.0	
2	3.569	3.569	0.000	68609200	1000.0	1000.0	
2	3.966	3.966	0.000	70553463	1000.0	1000.0	M
2	4.318	4.318	0.000	37081747	1000.0	1000.0	M
2	4.723	4.723	0.000	62056174	1000.0	1000.0	M
2	4.983	4.983	0.000	46339071	1000.0	1000.0	M
2	5.453	5.453	0.000	30706820	1000.0	1000.0	M
2	6.172	6.172	0.000	20291008	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1248L4_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

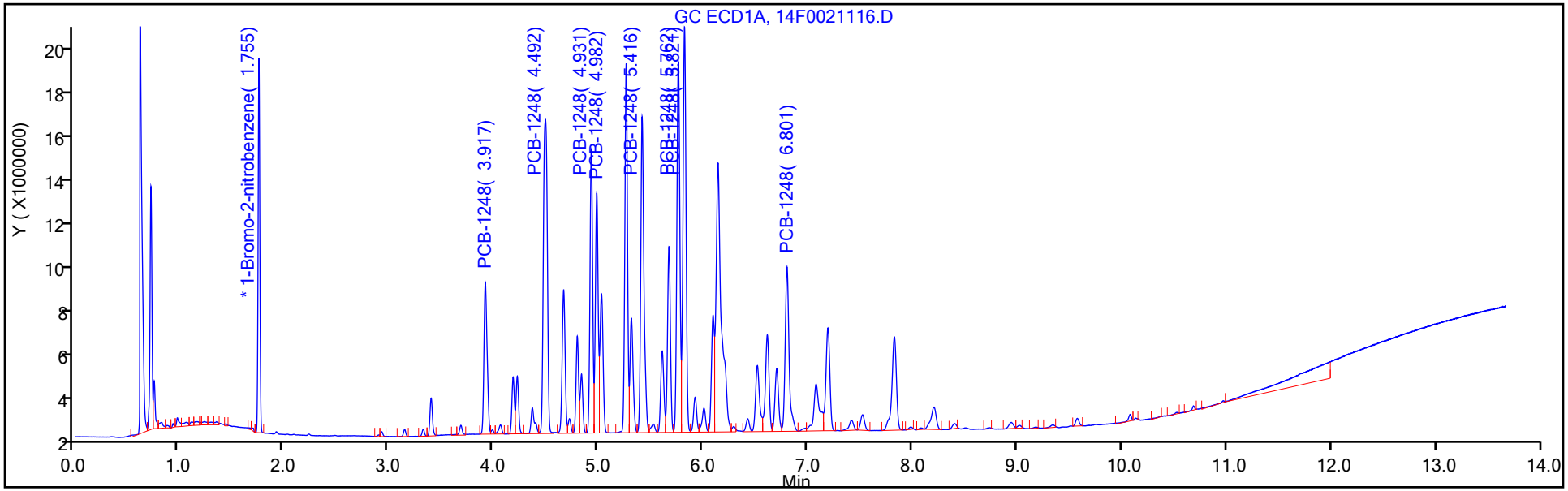
Report Date: 03-Mar-2022 11:14:24 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

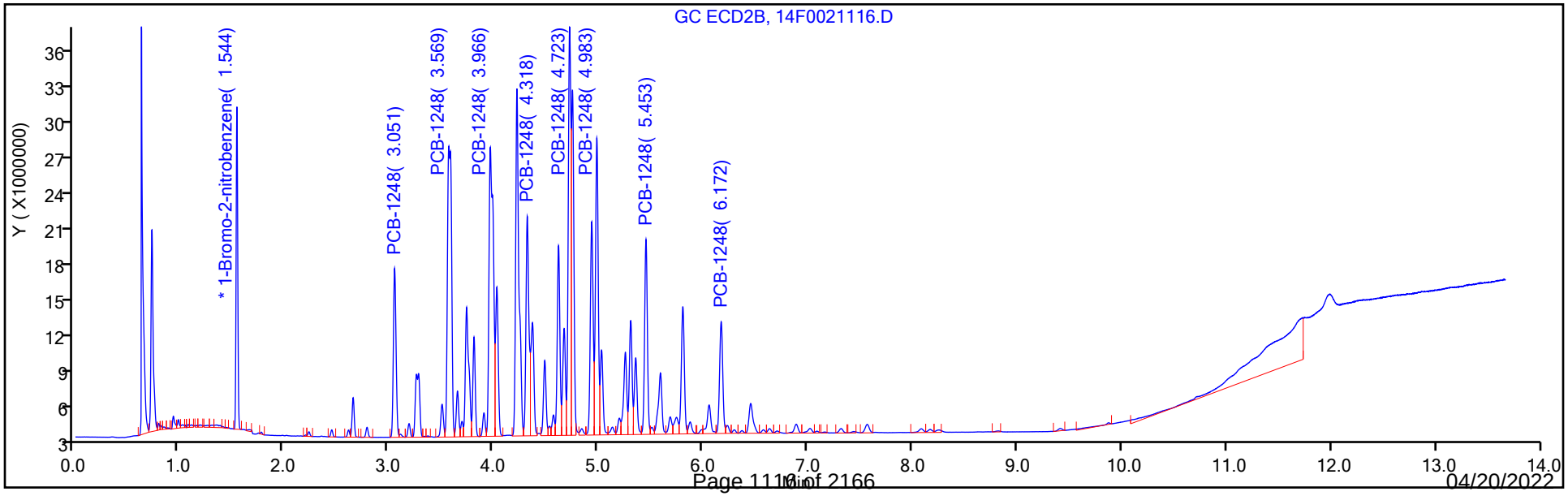
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021116.D

Injection Date:	02-Mar-2022 21:19:40	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC 1248			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison

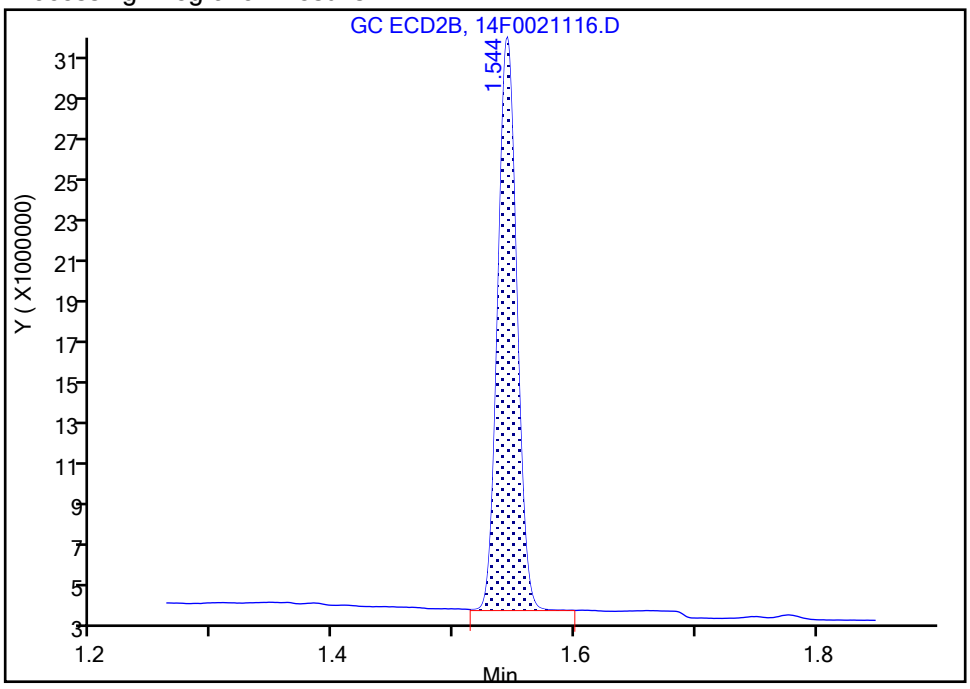
Data File:	\\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021116.D				
Injection Date:	02-Mar-2022 21:19:40	Instrument ID:	CPESTGC14		
Lims ID:	IC 1248				
Client ID:					
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLP Pest 2 (0.53 mm)	Detector	GC ECD2B		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

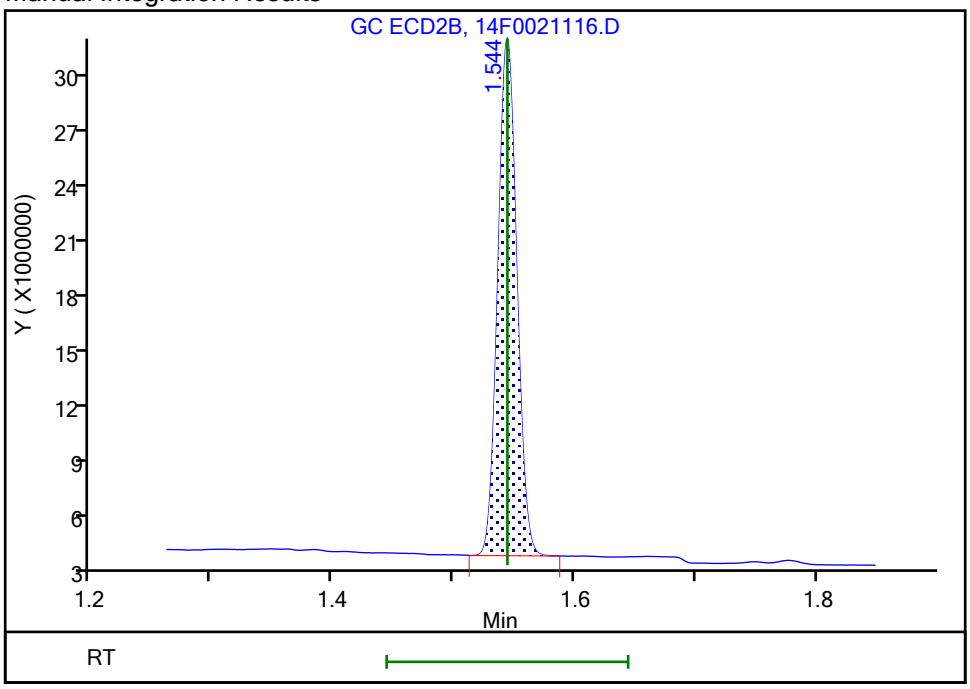
Processing Integration Results

RT: 1.54
Area: 29886968
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.54
Area: 29730202
Amount: 20.000000
Amount Units: ug/l



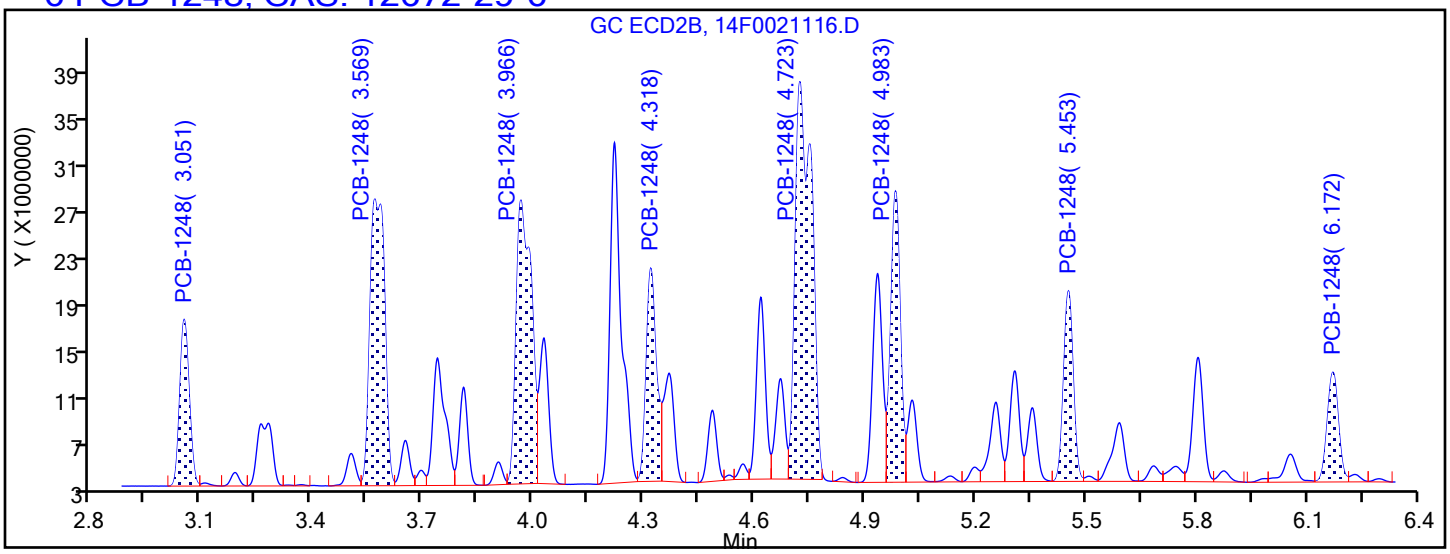
Reviewer: patelji, 03-Mar-2022 10:15:20
Audit Action: Manually Integrated Audit Reason: Peak not integrated

Report Date: 03-Mar-2022 11:14:24 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

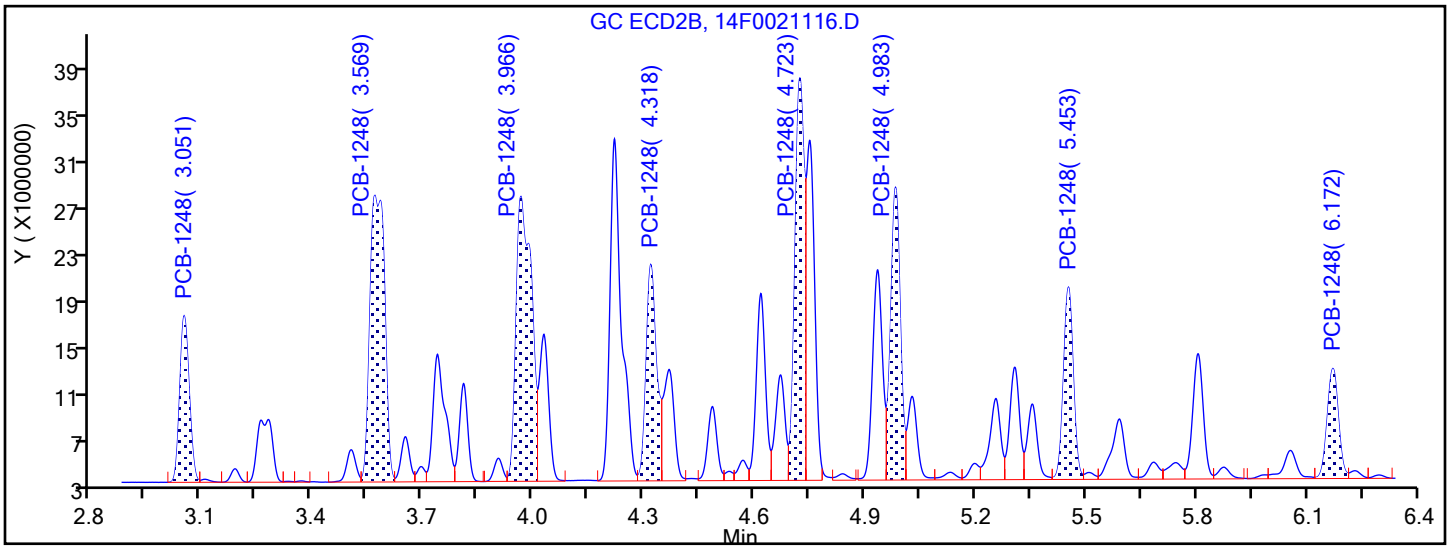
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021116.D
Injection Date: 02-Mar-2022 21:19:40 Instrument ID: CPESTGC14
Lims ID: IC 1248
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

6 PCB-1248, CAS: 12672-29-6



Processing Integration Results

3.051	Response = 25629725
3.569	Response = 68609200
3.966	Response = 70043412
4.318	Response = 35970067
4.723	Response = 105180336
4.983	Response = 45912261
5.453	Response = 29929824
6.172	Response = 20141782



Manual Integration Results

3.051	Response = 25629725	
3.569	Response = 68609200	
3.966	Response = 70553463	M
4.318	Response = 37081747	M
4.723	Response = 62056174	M
4.983	Response = 46339071	M

Calibration / PCB-1248 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

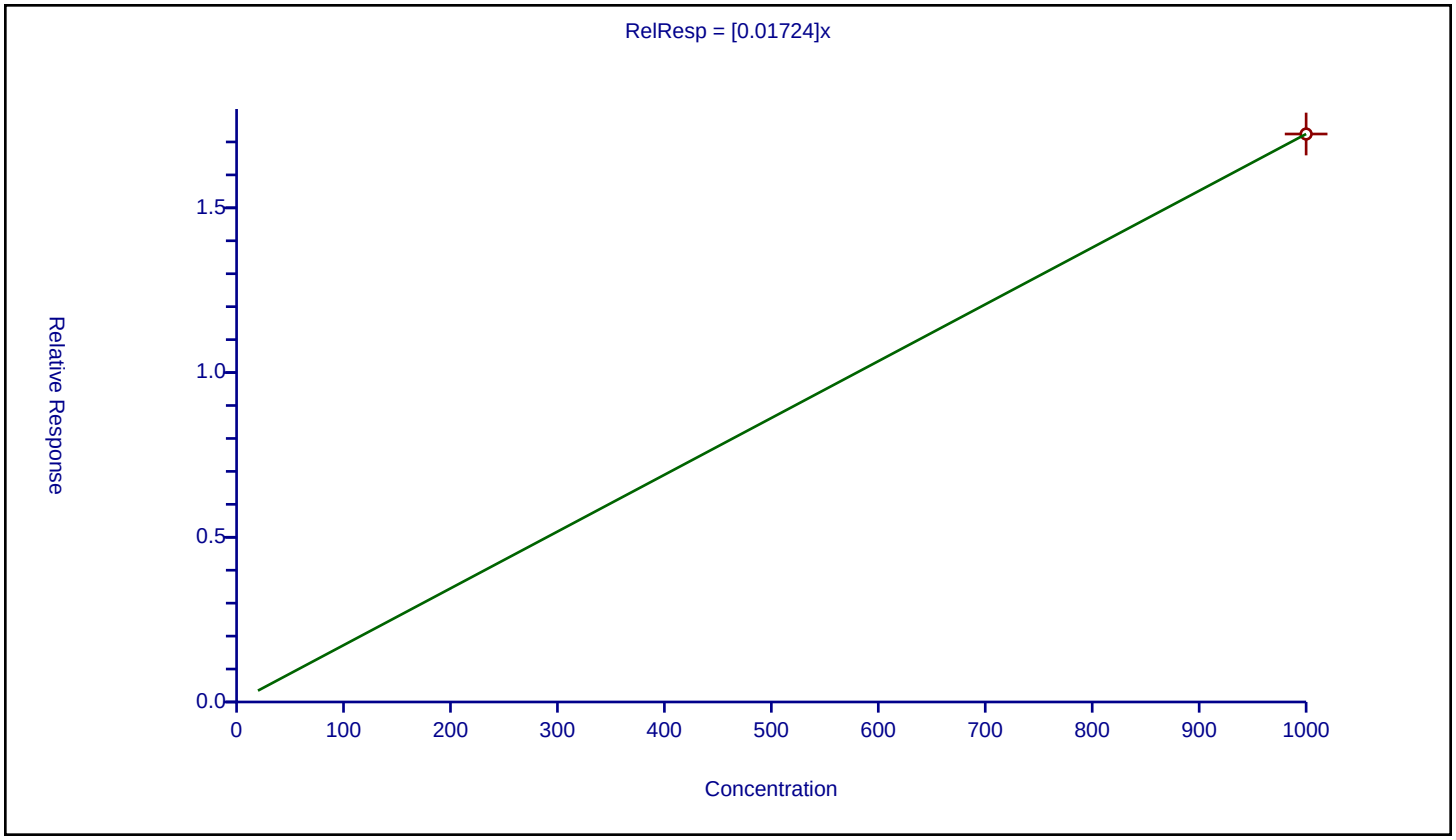
Curve Coefficients

Intercept:	0
Slope:	0.01724

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/12	1000.0	17.241541	20.0	29730202.0	0.017242	Y



Calibration / PCB-1248 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

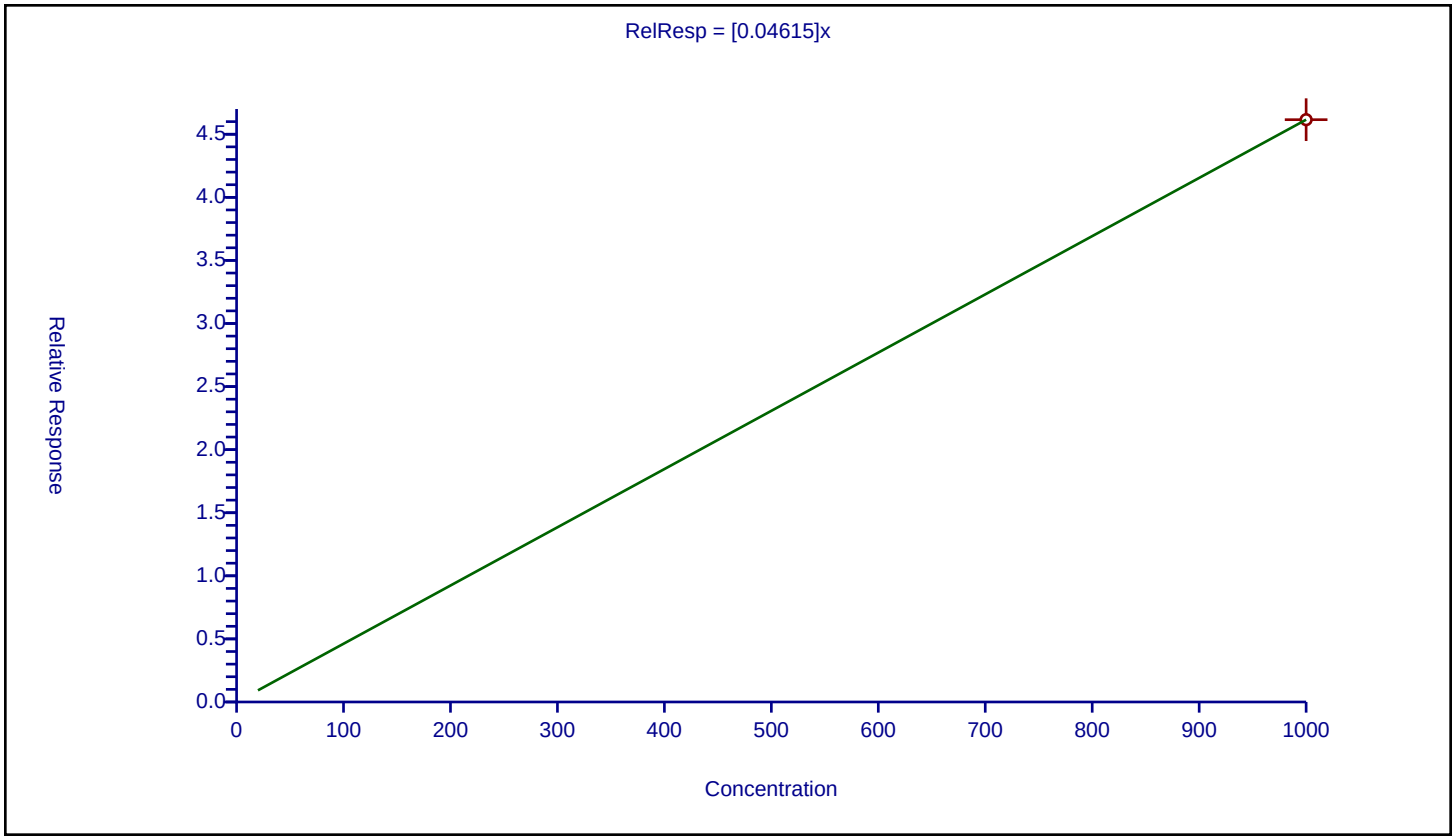
Curve Coefficients

Intercept:	0
Slope:	0.04615

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/12	1000.0	46.154547	20.0	29730202.0	0.046155	Y



Calibration / PCB-1248 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

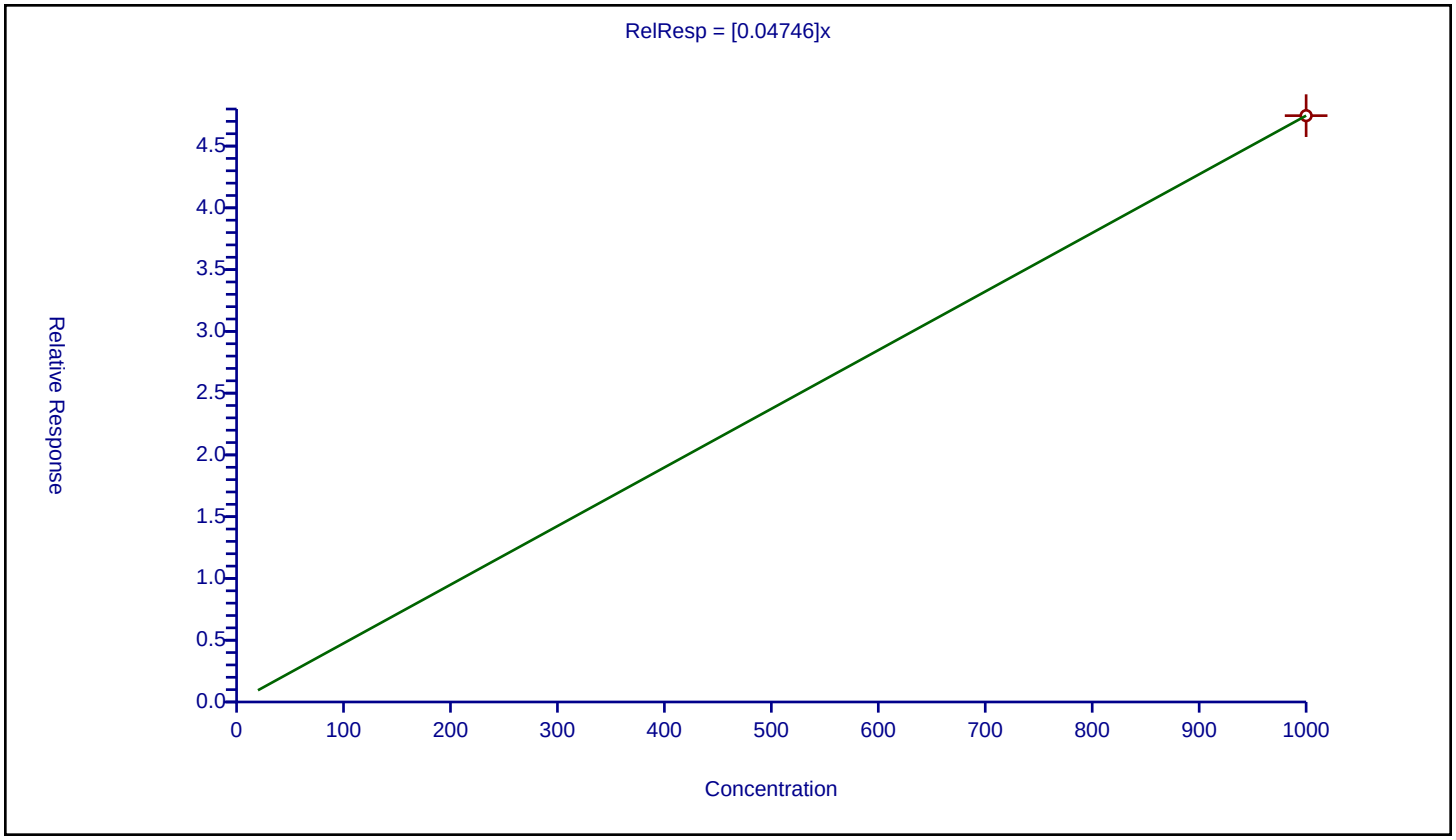
Curve Coefficients

Intercept:	0
Slope:	0.04746

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/12	1000.0	47.462485	20.0	29730202.0	0.047462	Y



Calibration / PCB-1248 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

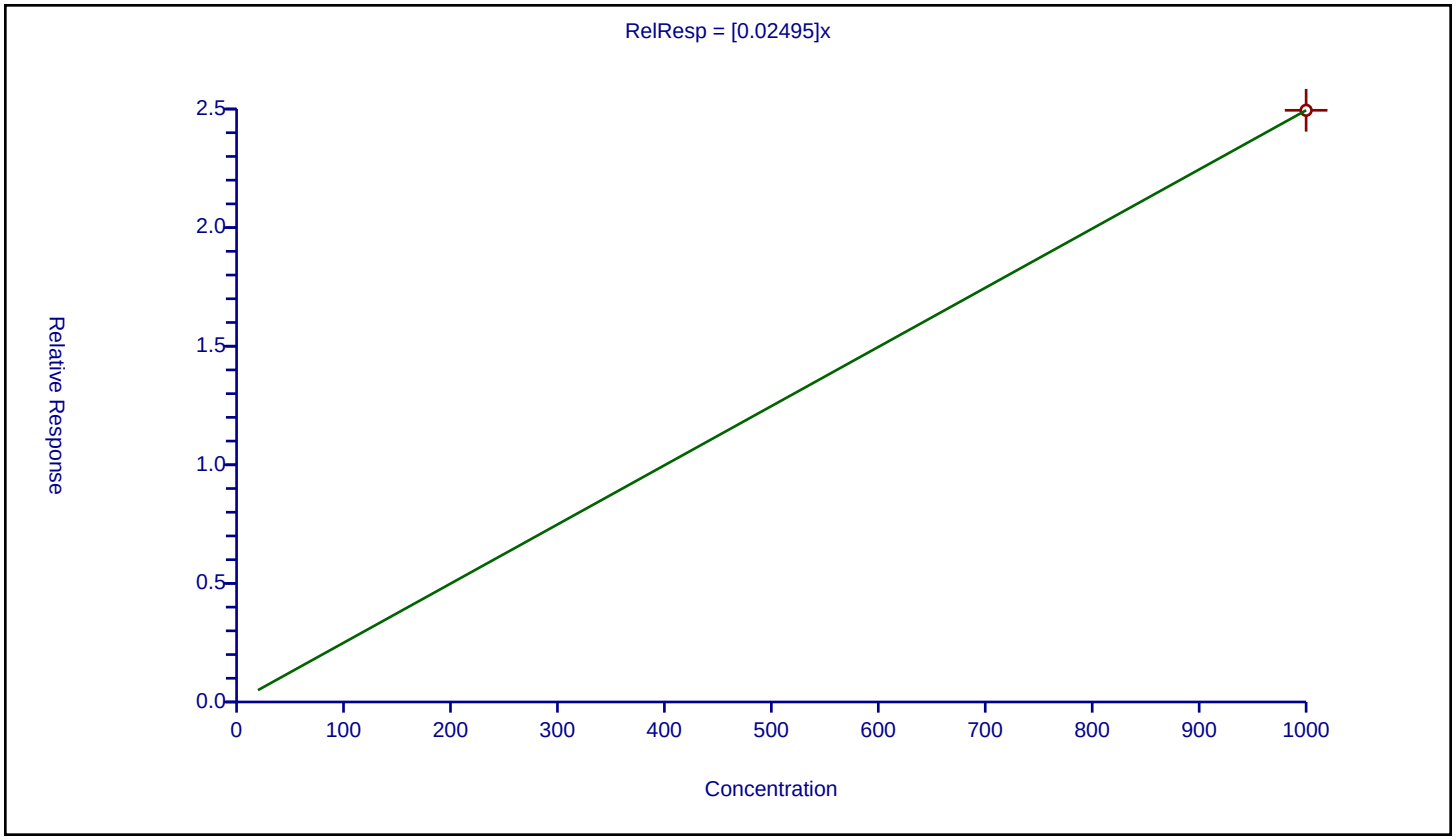
Curve Coefficients

Intercept:	0
Slope:	0.02495

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/12	1000.0	24.945506	20.0	29730202.0	0.024946	Y



Calibration / PCB-1248 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

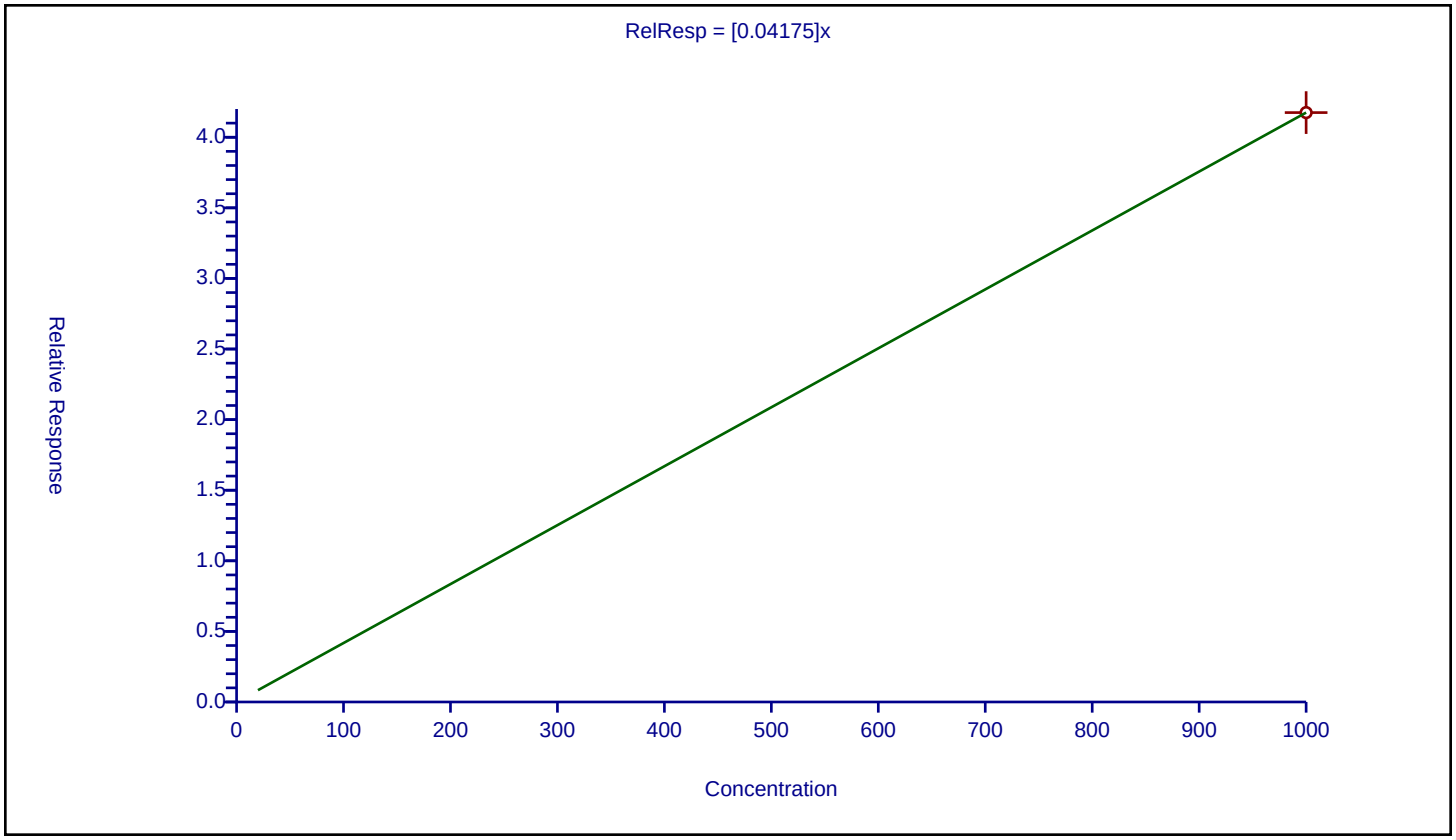
Curve Coefficients

Intercept:	0
Slope:	0.04175

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/12	1000.0	41.746218	20.0	29730202.0	0.041746	Y



Calibration / PCB-1248 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

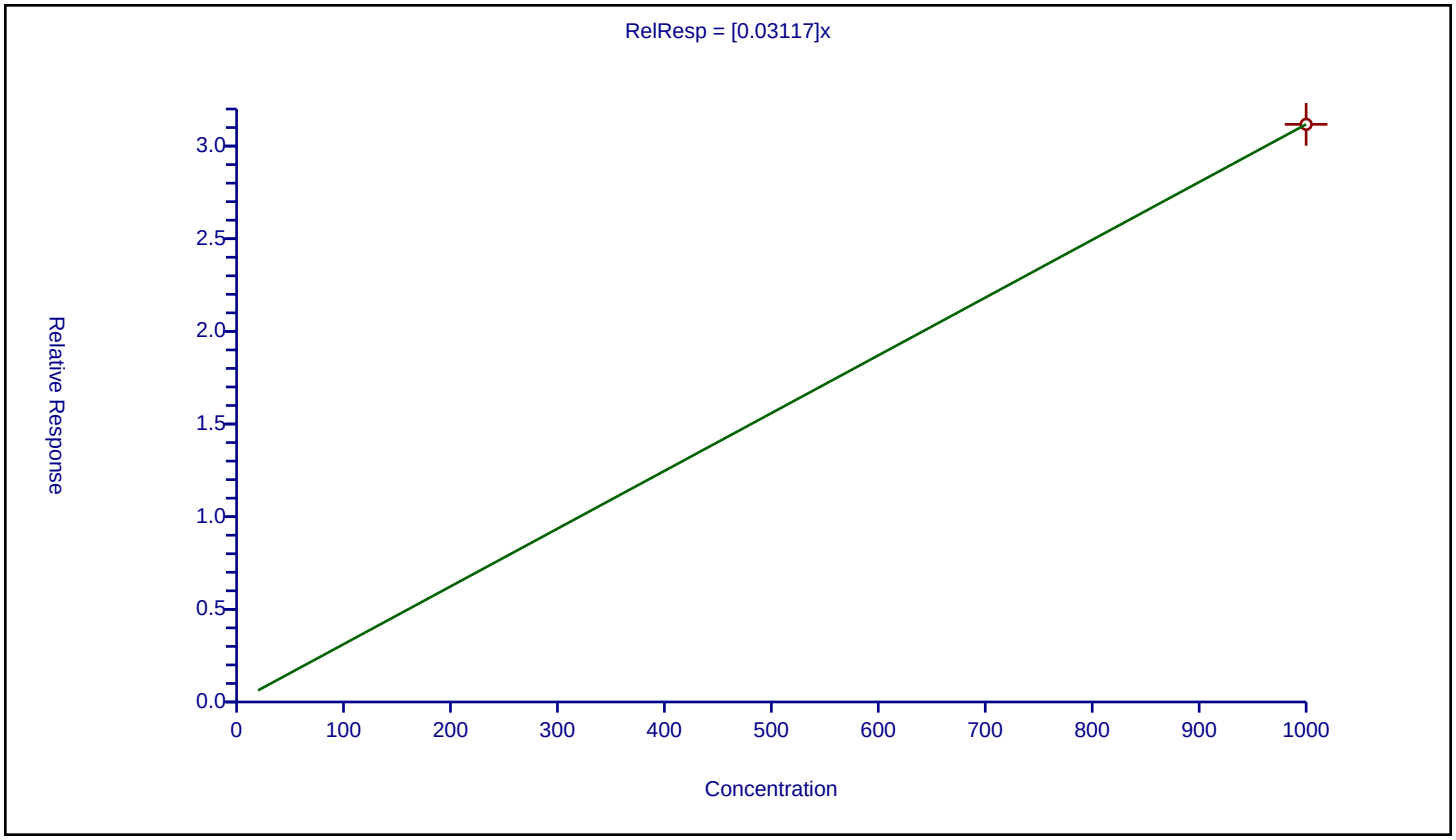
Curve Coefficients

Intercept:	0
Slope:	0.03117

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/12	1000.0	31.173062	20.0	29730202.0	0.031173	Y



Calibration / PCB-1248 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

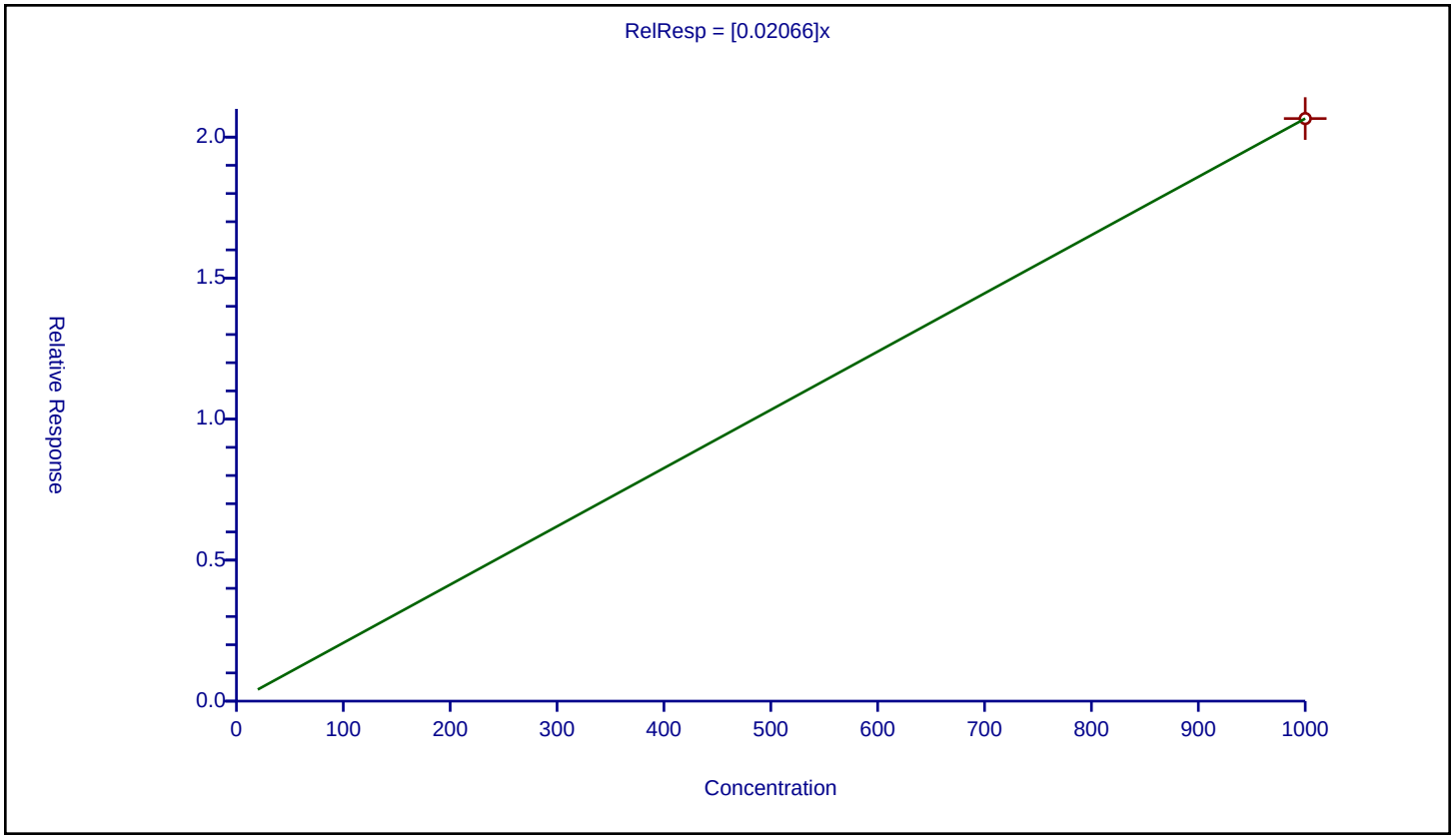
Curve Coefficients

Intercept:	0
Slope:	0.02066

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/12	1000.0	20.656987	20.0	29730202.0	0.020657	Y



Calibration / PCB-1248 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

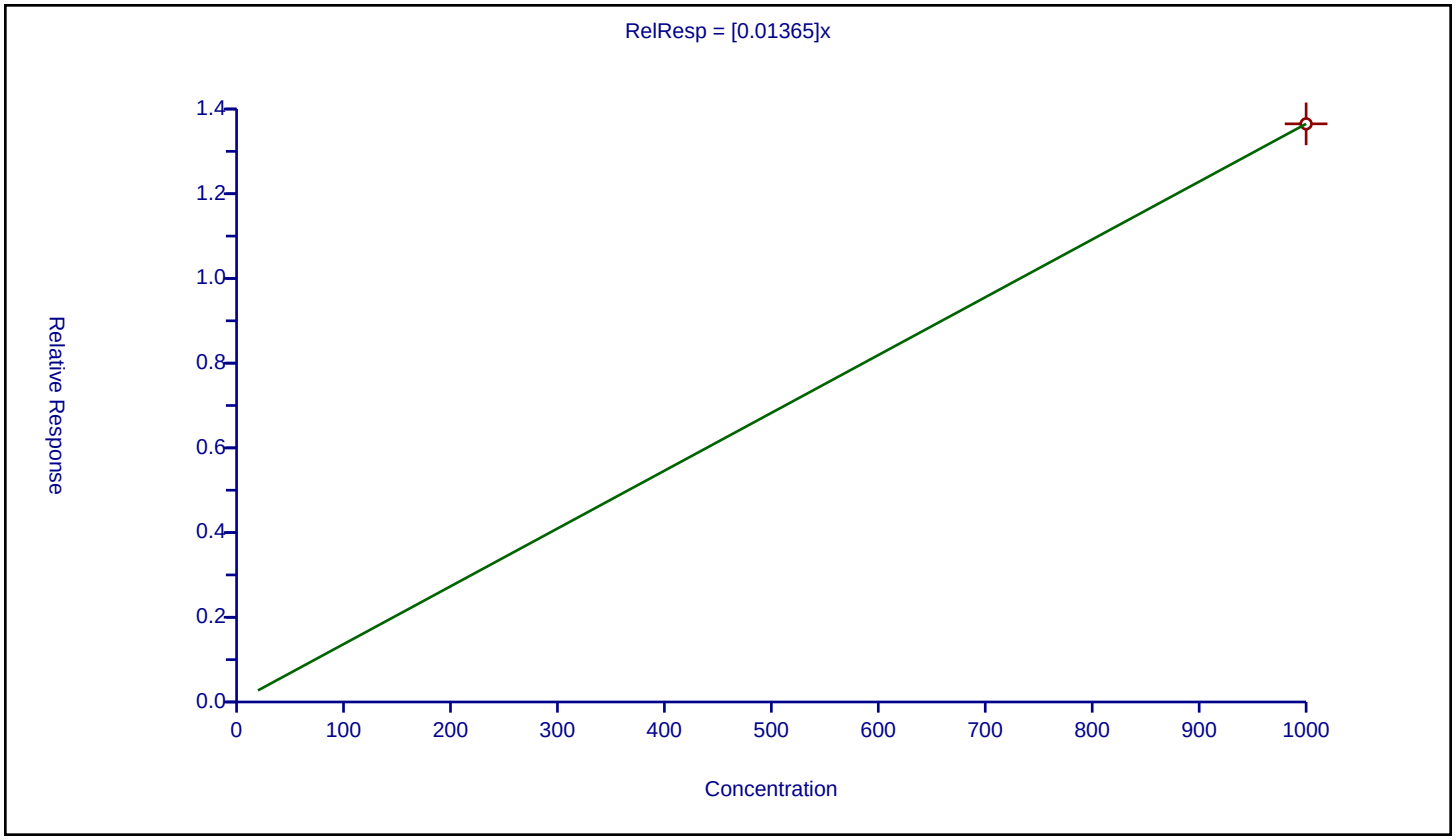
Curve Coefficients

Intercept:	0
Slope:	0.01365

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/12	1000.0	13.650098	20.0	29730202.0	0.01365	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:36 Calibration End Date: 03/02/2022 21:36 Calibration ID: 89437

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/13	14F0021117.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1254 Peak 1	0.0154					Ave		0.0154						20.0			
PCB-1254 Peak 2	0.0498					Ave		0.0498						20.0			
PCB-1254 Peak 3	0.0581					Ave		0.0581						20.0			
PCB-1254 Peak 4	0.0434					Ave		0.0434						20.0			
PCB-1254 Peak 5	0.0829					Ave		0.0829						20.0			
PCB-1254 Peak 6	0.0594					Ave		0.0594						20.0			
PCB-1254 Peak 7	0.0498					Ave		0.0498						20.0			
PCB-1254 Peak 8	0.0814					Ave		0.0814						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:36 Calibration End Date: 03/02/2022 21:36 Calibration ID: 89437

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/13	14F0021117.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	14958775					1000				
PCB-1254 Peak 2	BNB	Ave	48444090					1000				
PCB-1254 Peak 3	BNB	Ave	56460709					1000				
PCB-1254 Peak 4	BNB	Ave	42158564					1000				
PCB-1254 Peak 5	BNB	Ave	80551626					1000				
PCB-1254 Peak 6	BNB	Ave	57773724					1000				
PCB-1254 Peak 7	BNB	Ave	48421211					1000				
PCB-1254 Peak 8	BNB	Ave	79162981					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021117.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 21:36:14 ALS Bottle#: 16 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub6

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:26 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:16:31

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.754	1.754	0.000	19440099	20.0	20.0	
2	1.544	1.544	0.000	30591619	20.0	20.0	M
						RPD = 0.00	
7 PCB-1254							M
1	5.264	5.264	0.000	14958775	1000.0	1000.0	M
1	5.815	5.815	0.000	48444090	1000.0	1000.0	M
1	6.093	6.093	0.000	56460709	1000.0	1000.0	M
1	6.612	6.612	0.000	42158564	1000.0	1000.0	M
1	6.800	6.800	0.000	80551626	1000.0	1000.0	M
1	7.192	7.192	0.000	57773724	1000.0	1000.0	M
1	7.825	7.825	0.000	48421211	1000.0	1000.0	M
1	8.205	8.205	0.000	79162981	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	4.219	4.219	0.000	27561517	1000.0	1000.0	M
2	4.670	4.670	0.000	72705490	1000.0	1000.0	M
2	4.985	4.985	0.000	102645047	1000.0	1000.0	M
2	5.305	5.305	0.000	79777740	1000.0	1000.0	M
2	5.452	5.452	0.000	143360036	1000.0	1000.0	M
2	5.805	5.805	0.000	110712516	1000.0	1000.0	M
2	6.055	6.055	0.000	99922574	1000.0	1000.0	M
2	6.453	6.453	0.000	149506847	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1254L4_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

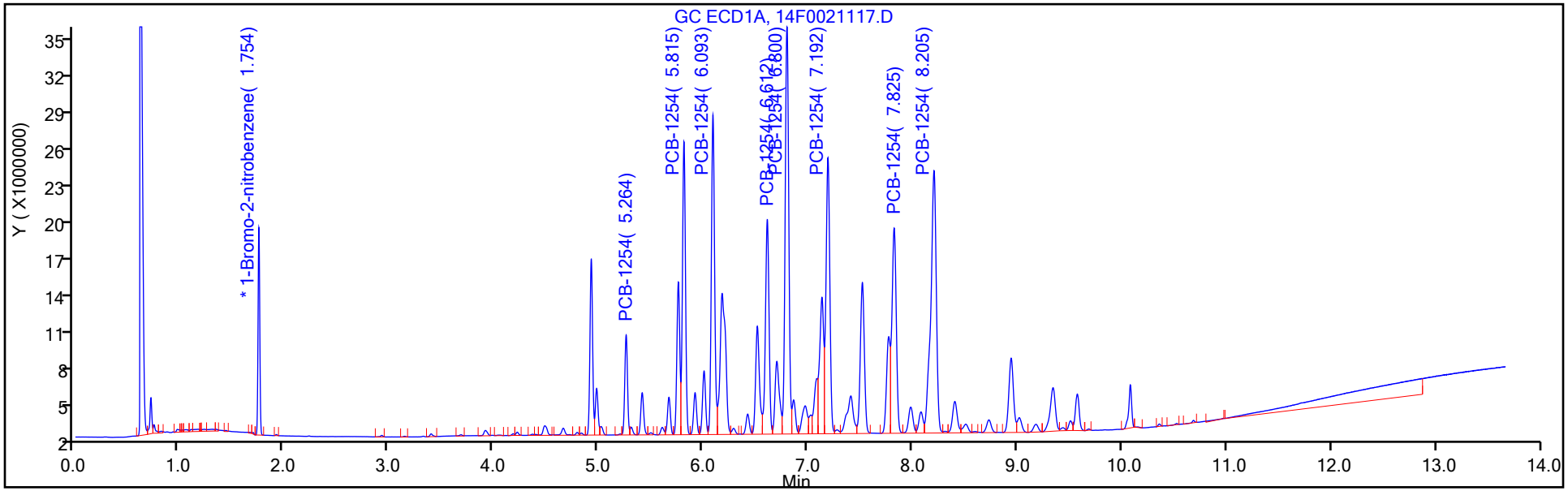
Report Date: 03-Mar-2022 11:14:26 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

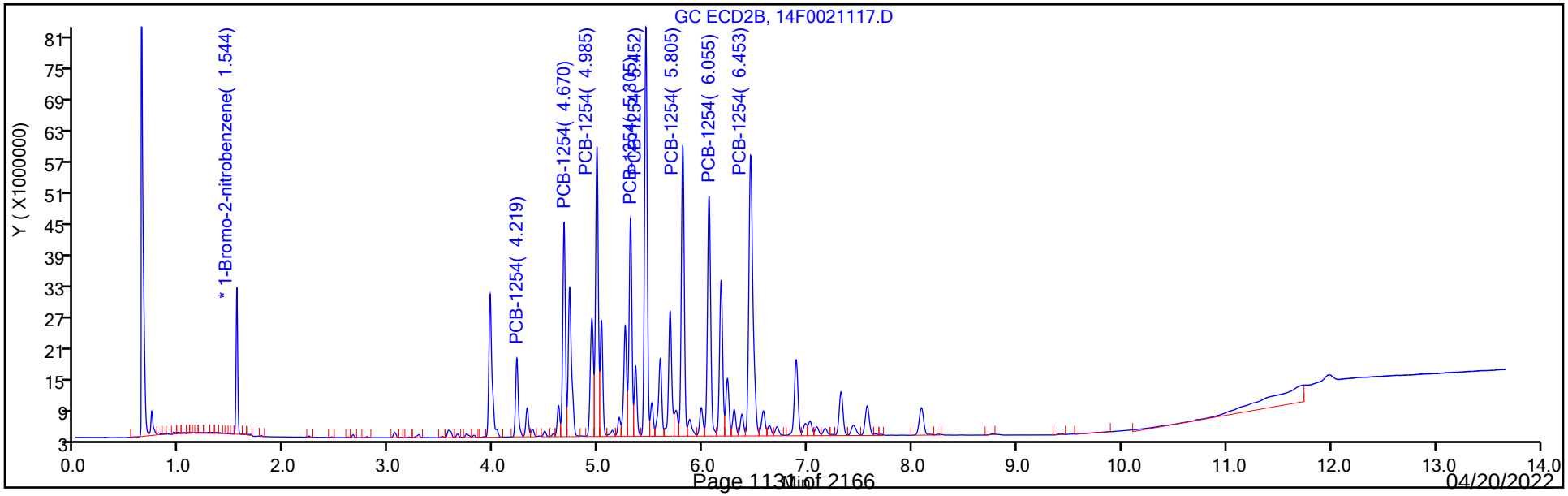
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021117.D

Injection Date:	02-Mar-2022 21:36:14	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC 1254			Worklist Smp#:	13
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)

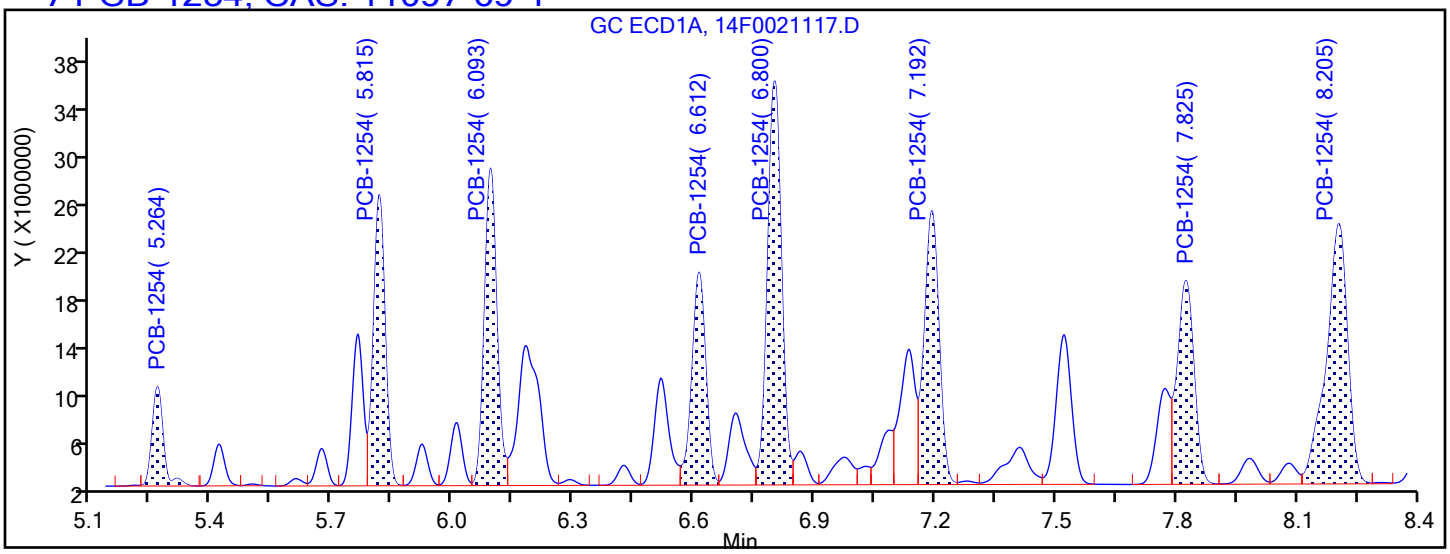


Report Date: 03-Mar-2022 11:14:26 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

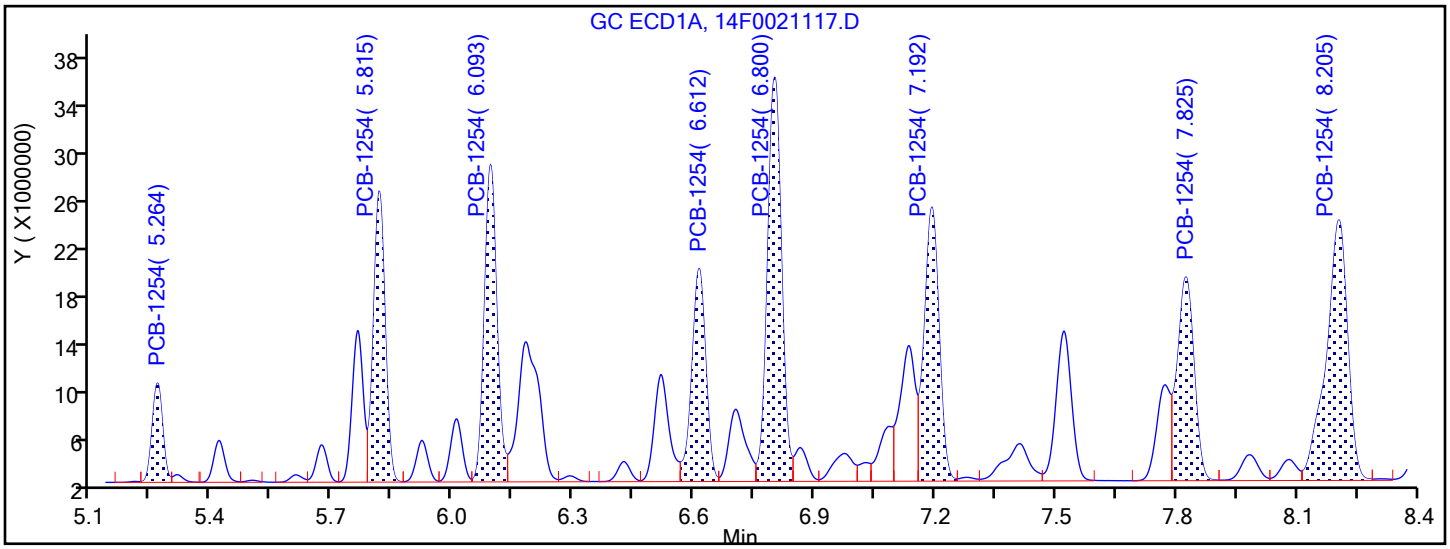
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021117.D
Injection Date: 02-Mar-2022 21:36:14 Instrument ID: CPESTGC14
Lims ID: IC 1254
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

7 PCB-1254, CAS: 11097-69-1



Processing Integration Results

5.264	Response = 15991625
5.815	Response = 48428639
6.093	Response = 56426908
6.612	Response = 42075931
6.800	Response = 80447675
7.192	Response = 57631513
7.825	Response = 48341423
8.205	Response = 78920756



Manual Integration Results

5.264	Response = 14958775	M
5.815	Response = 48444090	M
6.093	Response = 56460709	M
6.612	Response = 42158564	M
6.800	Response = 80551626	M
7.192	Response = 57773724	M

Calibration / PCB-1254 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

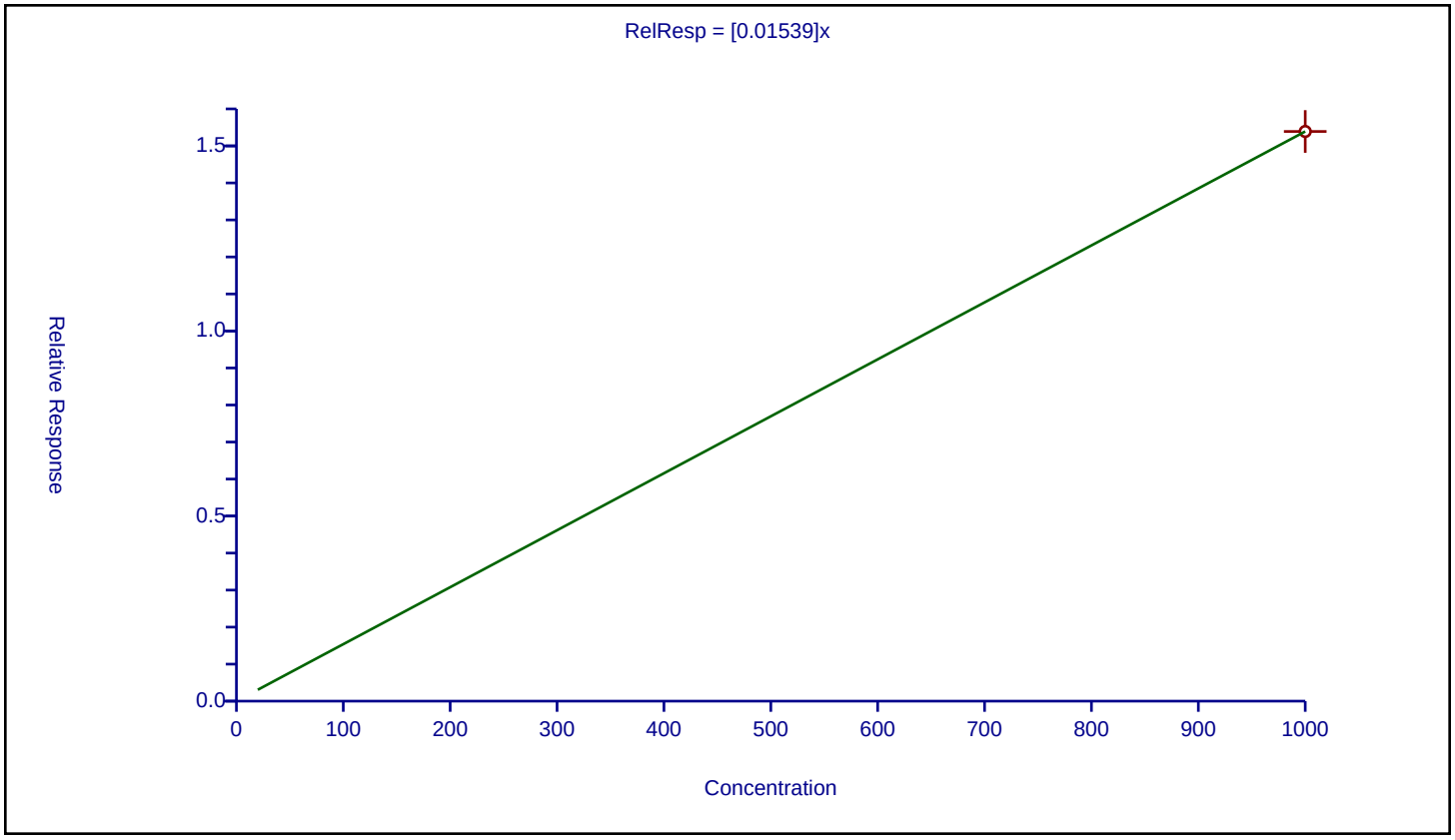
Curve Coefficients

Intercept:	0
Slope:	0.01539

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/13	1000.0	15.389608	20.0	19440099.0	0.01539	Y



Calibration / PCB-1254 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

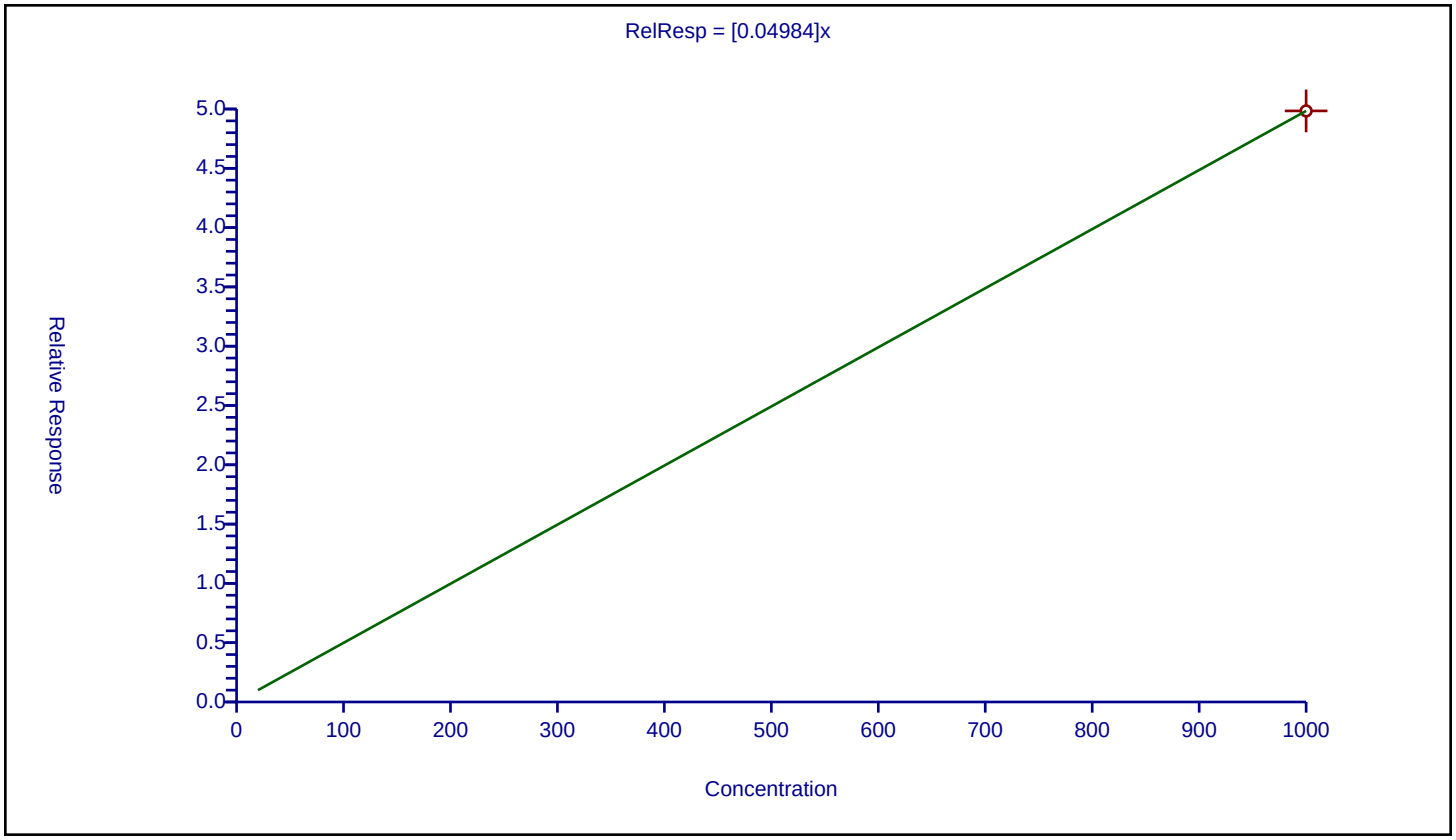
Curve Coefficients

Intercept:	0
Slope:	0.04984

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/13	1000.0	49.839345	20.0	19440099.0	0.049839	Y



Calibration / PCB-1254 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

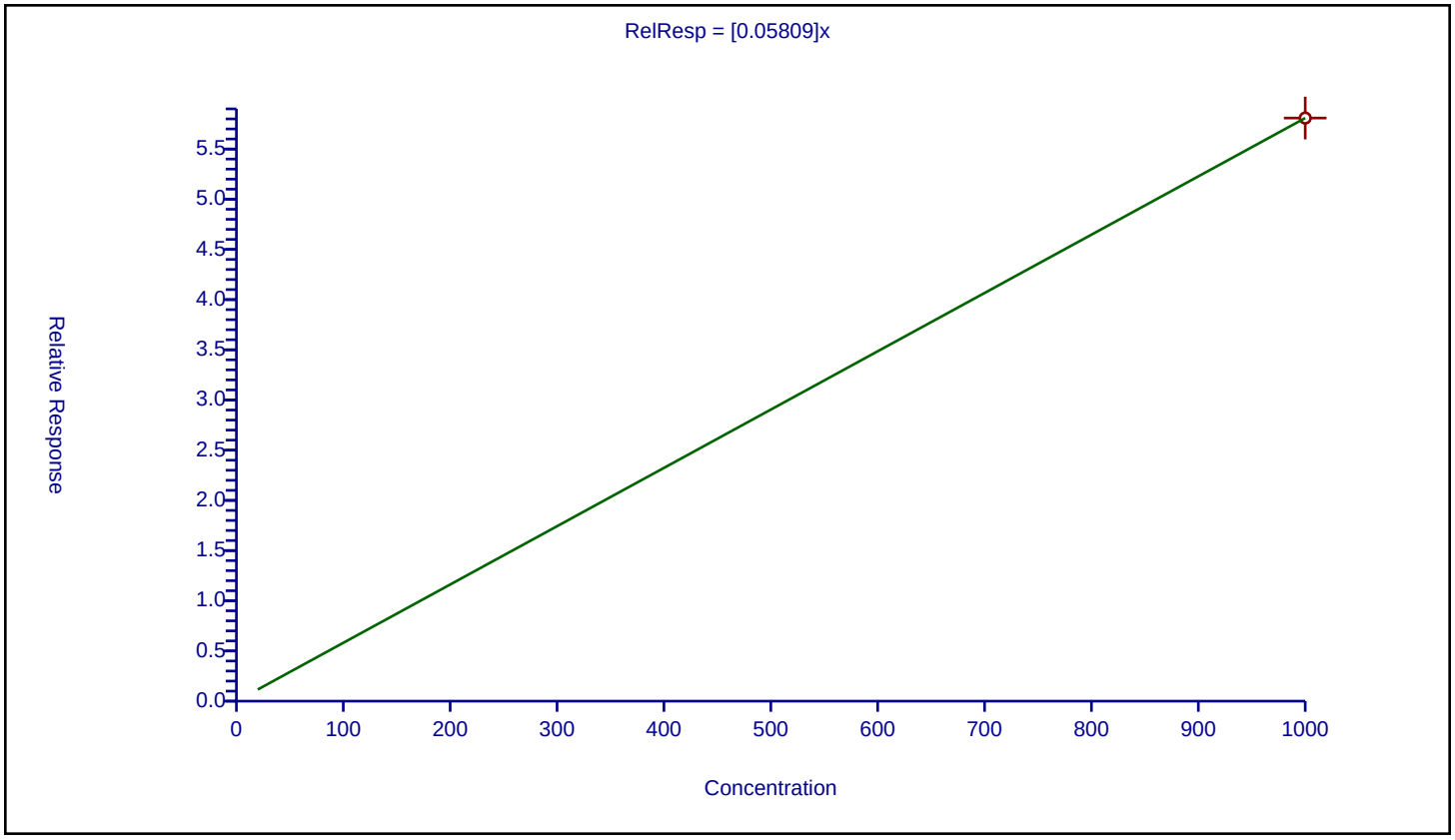
Curve Coefficients

Intercept:	0
Slope:	0.05809

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/13	1000.0	58.086853	20.0	19440099.0	0.058087	Y



Calibration / PCB-1254 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

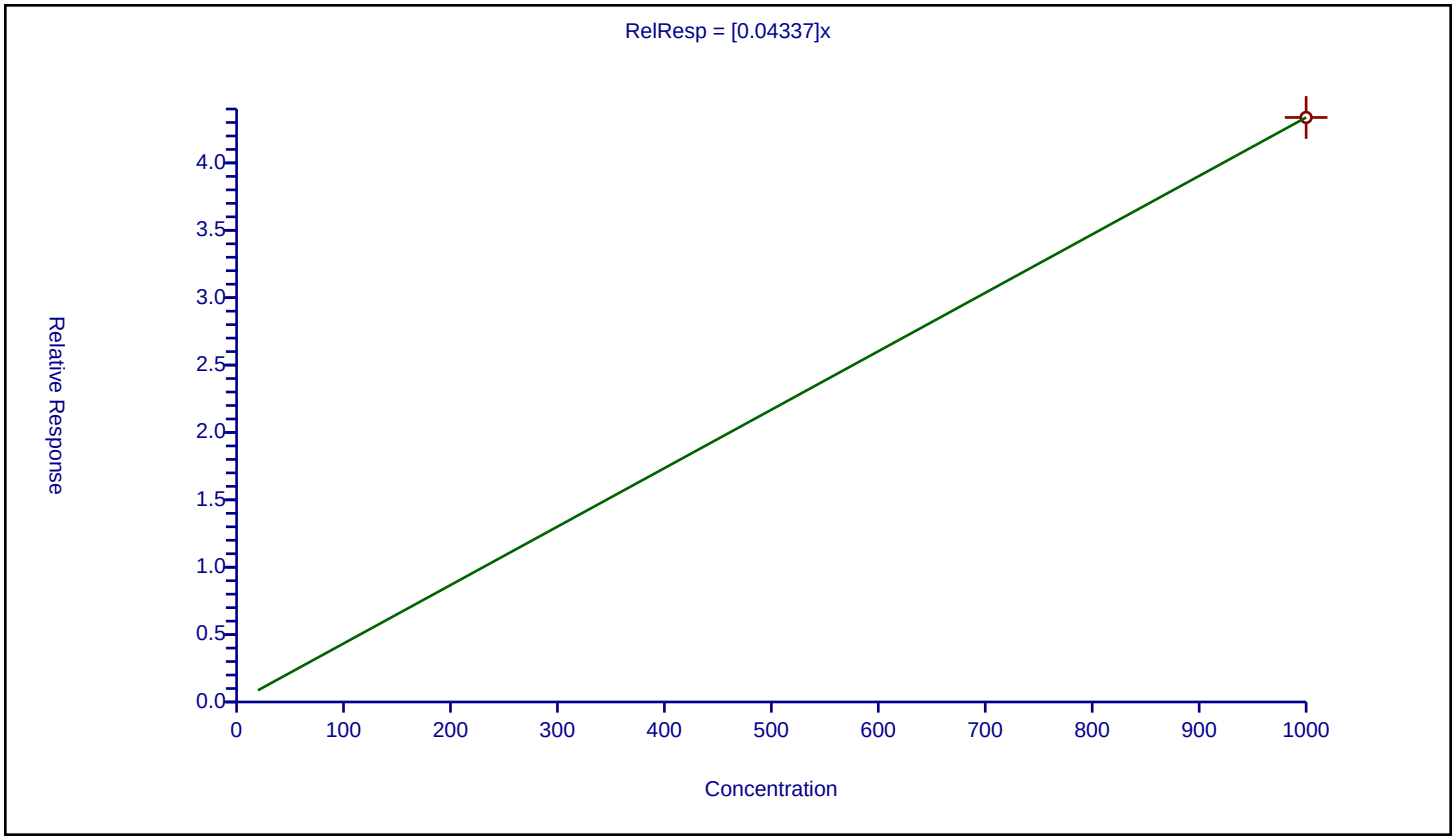
Curve Coefficients

Intercept:	0
Slope:	0.04337

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/13	1000.0	43.372787	20.0	19440099.0	0.043373	Y



Calibration / PCB-1254 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

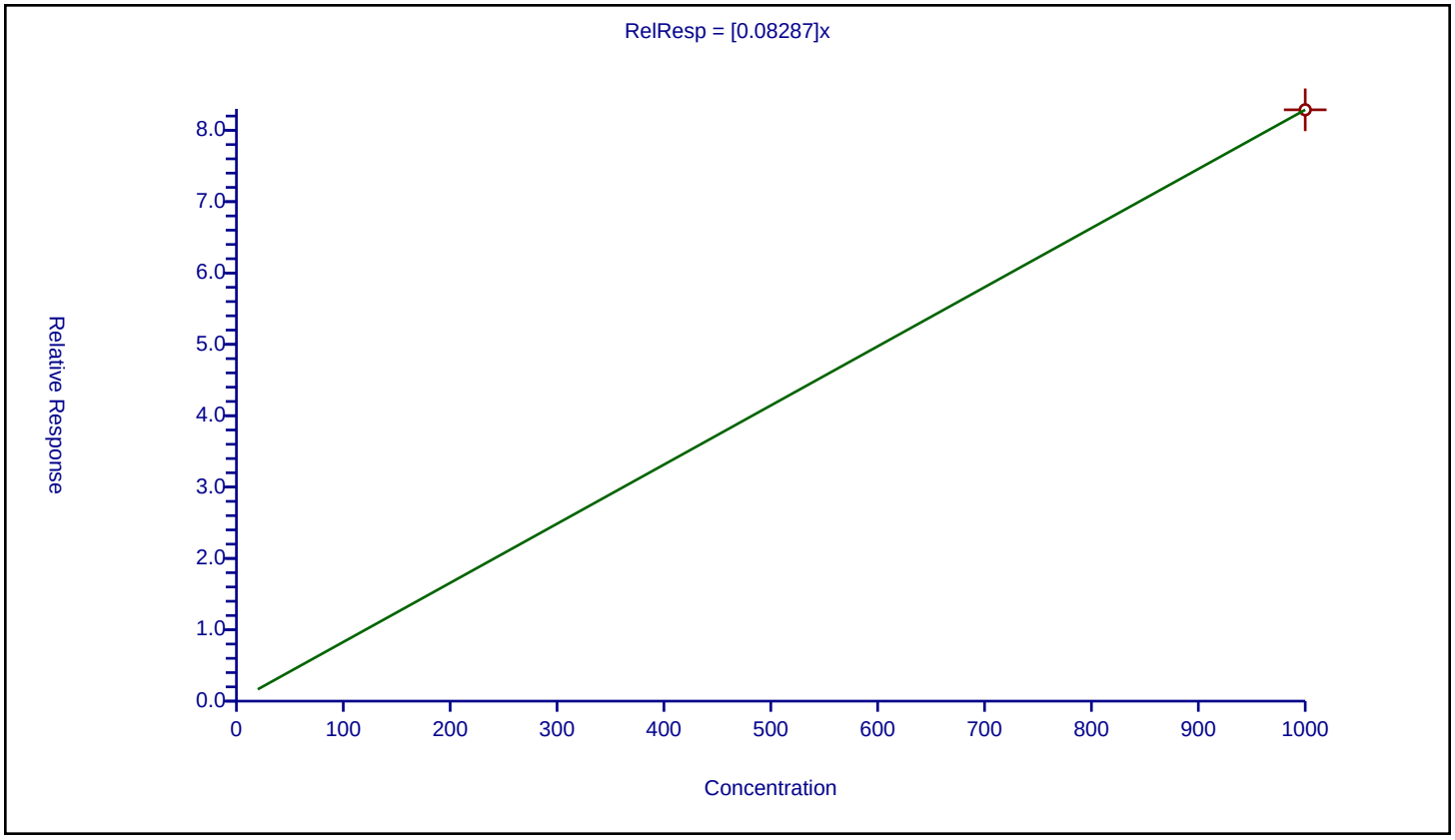
Curve Coefficients

Intercept:	0
Slope:	0.08287

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/13	1000.0	82.871621	20.0	19440099.0	0.082872	Y



Calibration / PCB-1254 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

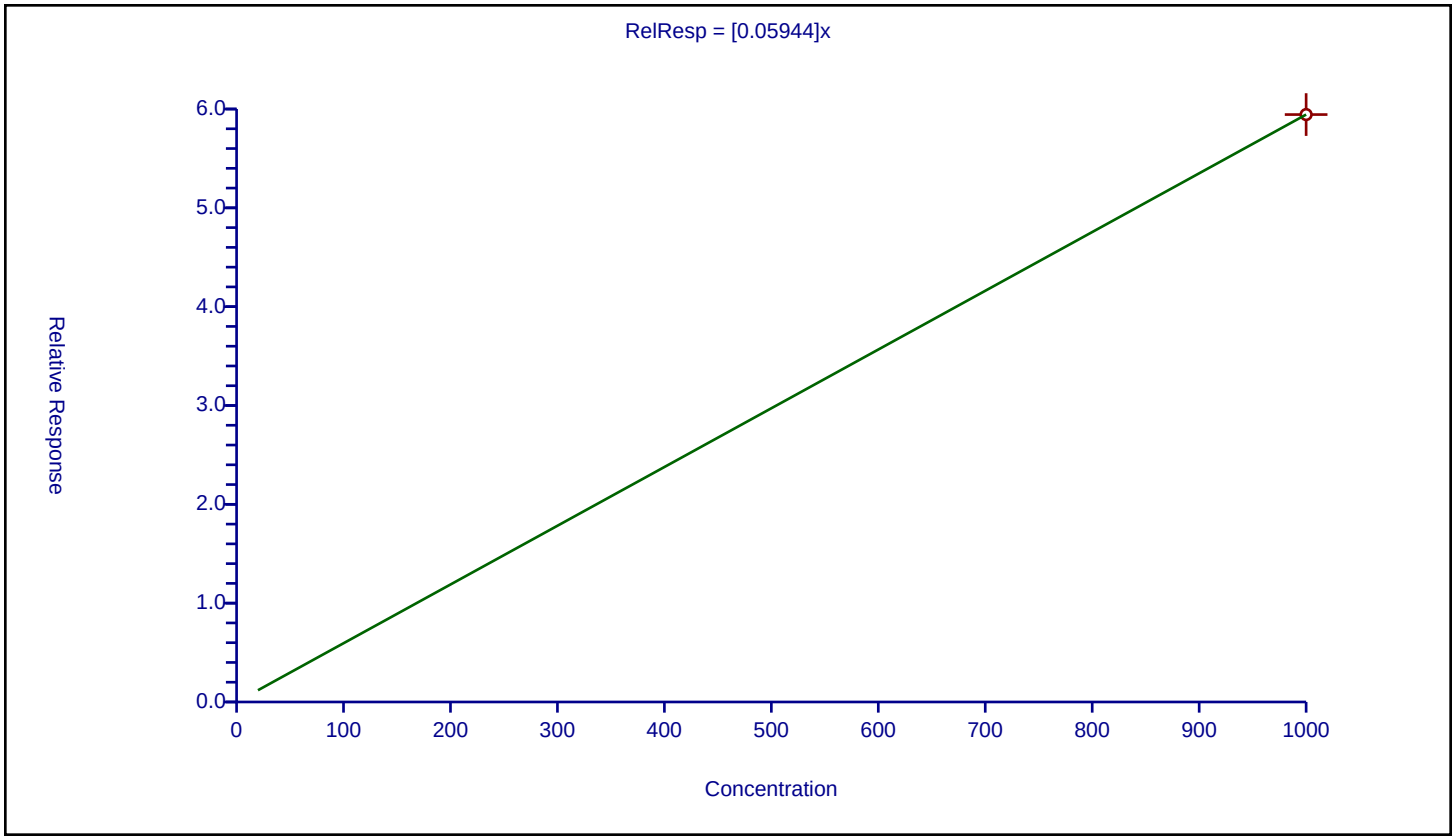
Curve Coefficients

Intercept:	0
Slope:	0.05944

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/13	1000.0	59.437685	20.0	19440099.0	0.059438	Y



Calibration / PCB-1254 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

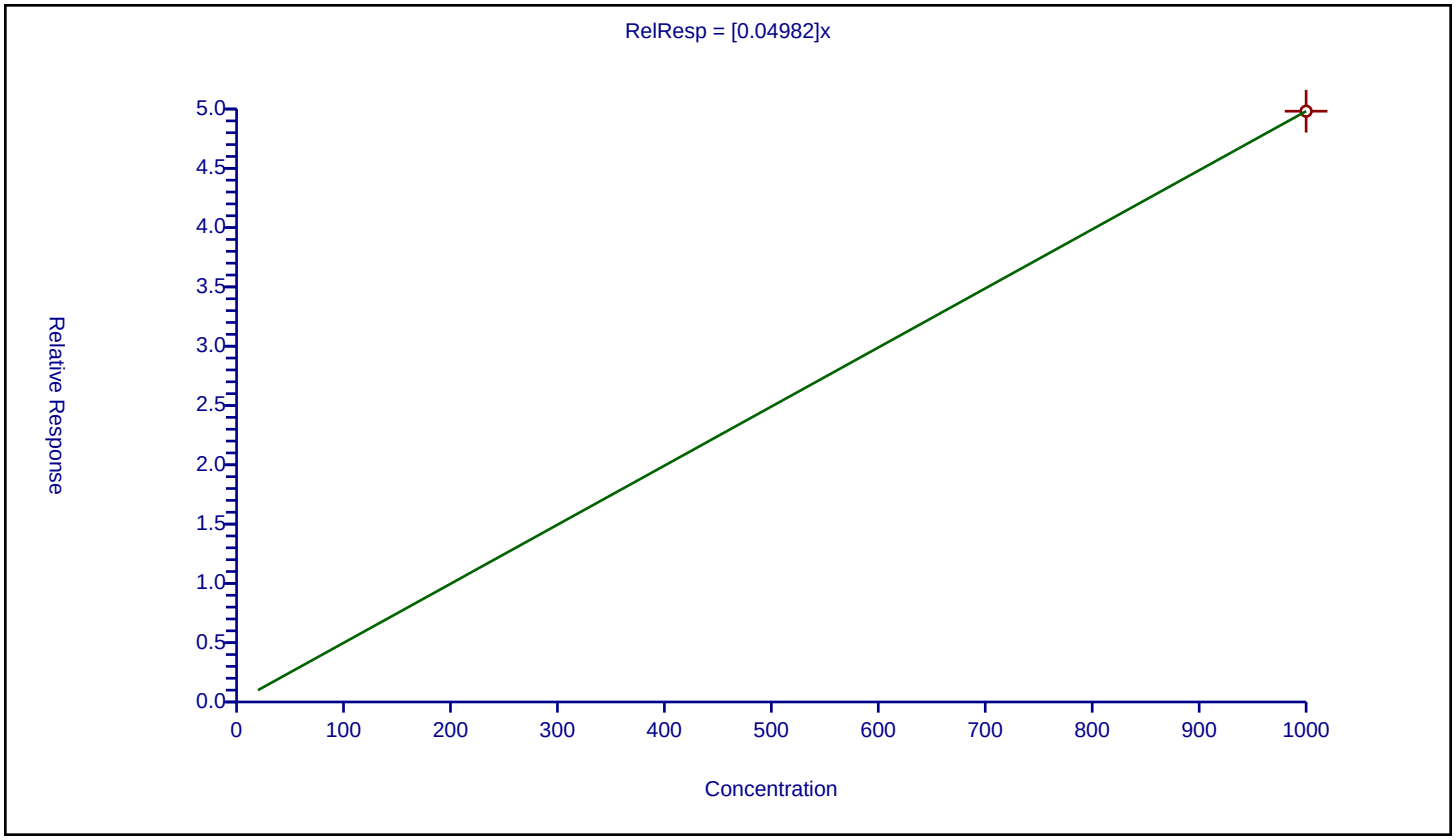
Curve Coefficients

Intercept:	0
Slope:	0.04982

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/13	1000.0	49.815807	20.0	19440099.0	0.049816	Y



Calibration / PCB-1254 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

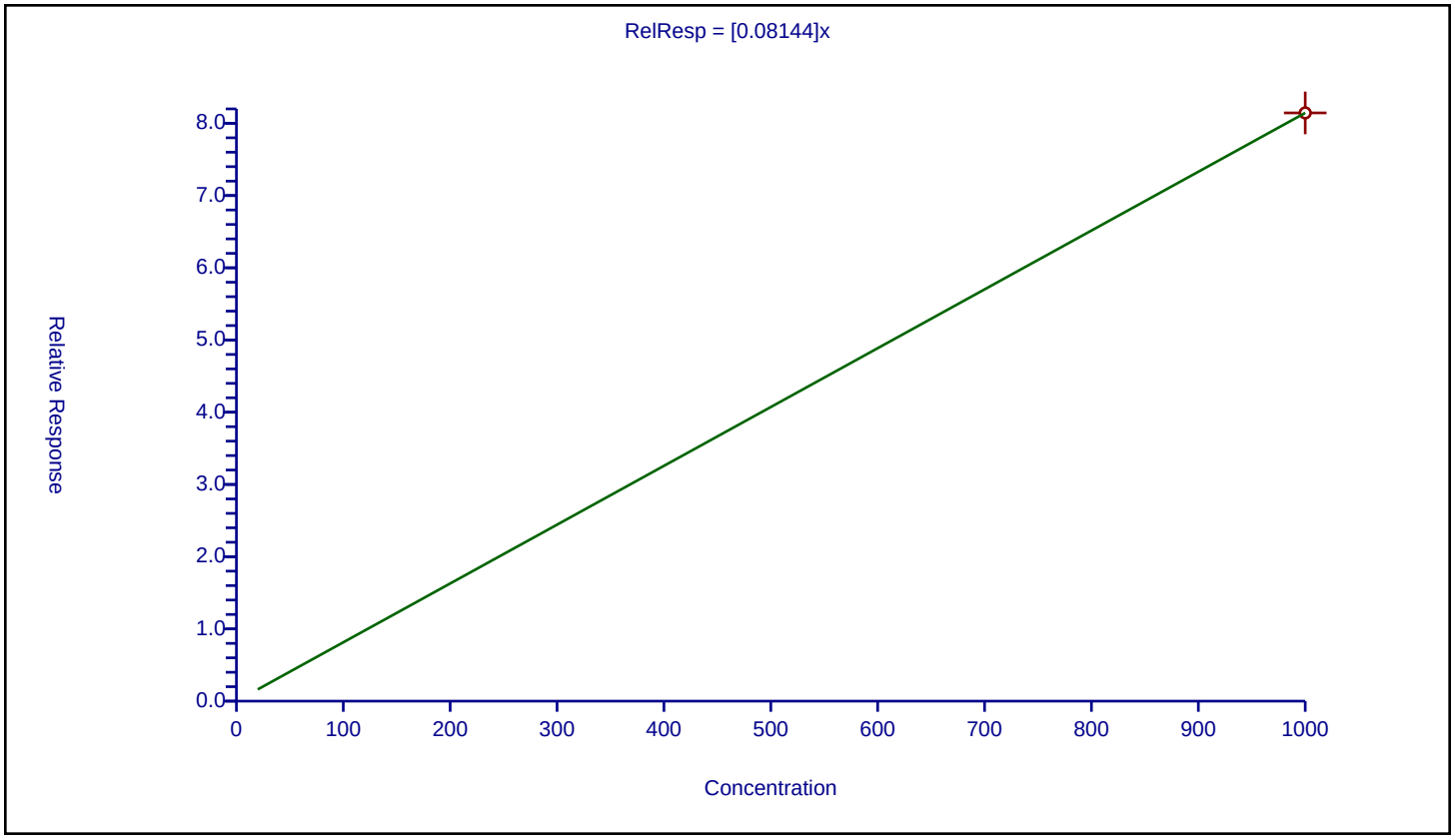
Curve Coefficients

Intercept:	0
Slope:	0.08144

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/13	1000.0	81.442981	20.0	19440099.0	0.081443	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:36 Calibration End Date: 03/02/2022 21:36 Calibration ID: 89438

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/13	14F0021117.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1254 Peak 1	0.0180					Ave		0.0180						20.0			
PCB-1254 Peak 2	0.0475					Ave		0.0475						20.0			
PCB-1254 Peak 3	0.0671					Ave		0.0671						20.0			
PCB-1254 Peak 4	0.0522					Ave		0.0522						20.0			
PCB-1254 Peak 5	0.0937					Ave		0.0937						20.0			
PCB-1254 Peak 6	0.0724					Ave		0.0724						20.0			
PCB-1254 Peak 7	0.0653					Ave		0.0653						20.0			
PCB-1254 Peak 8	0.0977					Ave		0.0977						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:36 Calibration End Date: 03/02/2022 21:36 Calibration ID: 89438

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/13	14F0021117.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	27561517					1000				
PCB-1254 Peak 2	BNB	Ave	72705490					1000				
PCB-1254 Peak 3	BNB	Ave	102645047					1000				
PCB-1254 Peak 4	BNB	Ave	79777740					1000				
PCB-1254 Peak 5	BNB	Ave	143360036					1000				
PCB-1254 Peak 6	BNB	Ave	110712516					1000				
PCB-1254 Peak 7	BNB	Ave	99922574					1000				
PCB-1254 Peak 8	BNB	Ave	149506847					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021117.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 21:36:14 ALS Bottle#: 16 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub6

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:26 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:16:31

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.754	1.754	0.000	19440099	20.0	20.0	
2	1.544	1.544	0.000	30591619	20.0	20.0	M
						RPD = 0.00	
7 PCB-1254							M
1	5.264	5.264	0.000	14958775	1000.0	1000.0	M
1	5.815	5.815	0.000	48444090	1000.0	1000.0	M
1	6.093	6.093	0.000	56460709	1000.0	1000.0	M
1	6.612	6.612	0.000	42158564	1000.0	1000.0	M
1	6.800	6.800	0.000	80551626	1000.0	1000.0	M
1	7.192	7.192	0.000	57773724	1000.0	1000.0	M
1	7.825	7.825	0.000	48421211	1000.0	1000.0	M
1	8.205	8.205	0.000	79162981	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	4.219	4.219	0.000	27561517	1000.0	1000.0	M
2	4.670	4.670	0.000	72705490	1000.0	1000.0	M
2	4.985	4.985	0.000	102645047	1000.0	1000.0	M
2	5.305	5.305	0.000	79777740	1000.0	1000.0	M
2	5.452	5.452	0.000	143360036	1000.0	1000.0	M
2	5.805	5.805	0.000	110712516	1000.0	1000.0	M
2	6.055	6.055	0.000	99922574	1000.0	1000.0	M
2	6.453	6.453	0.000	149506847	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1254L4_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 03-Mar-2022 11:14:27 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021117.D

Injection Date: 02-Mar-2022 21:36:14 Instrument ID: CPESTGC14 Operator ID:

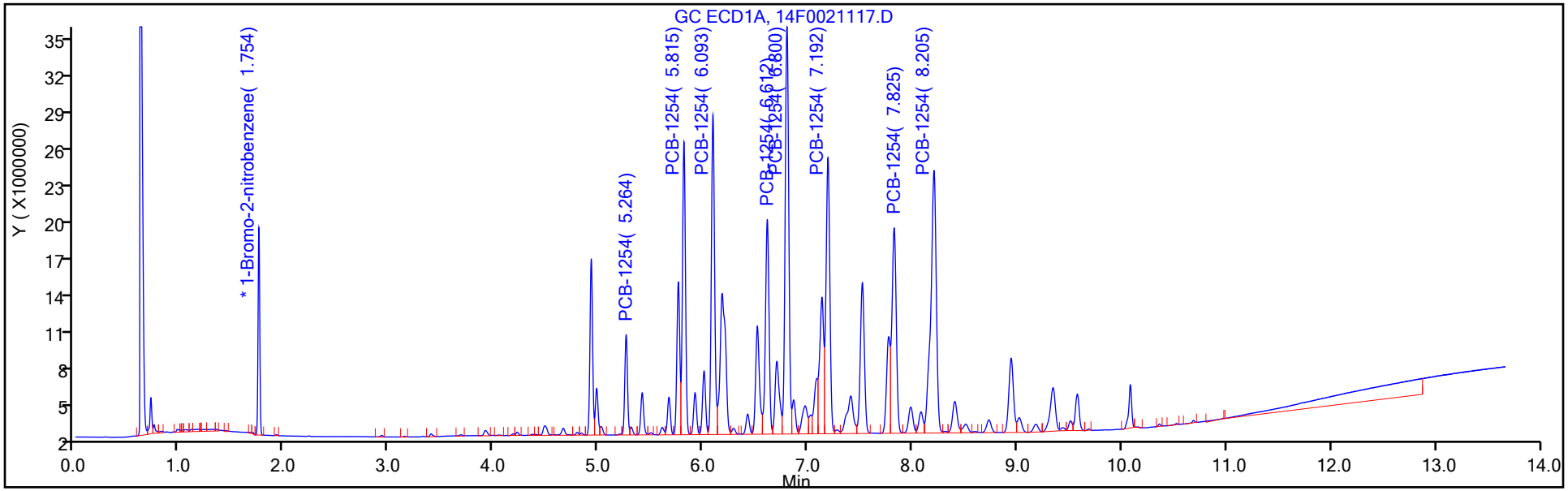
Lims ID: IC 1254 Worklist Smp#: 13

Client ID:

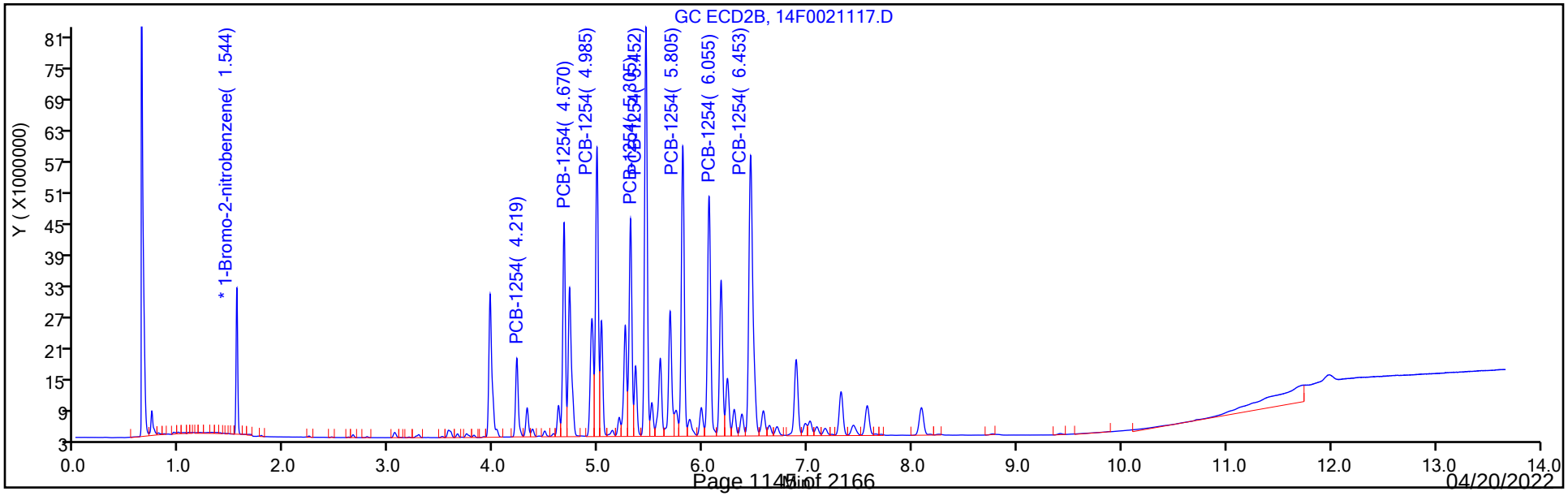
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 16

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

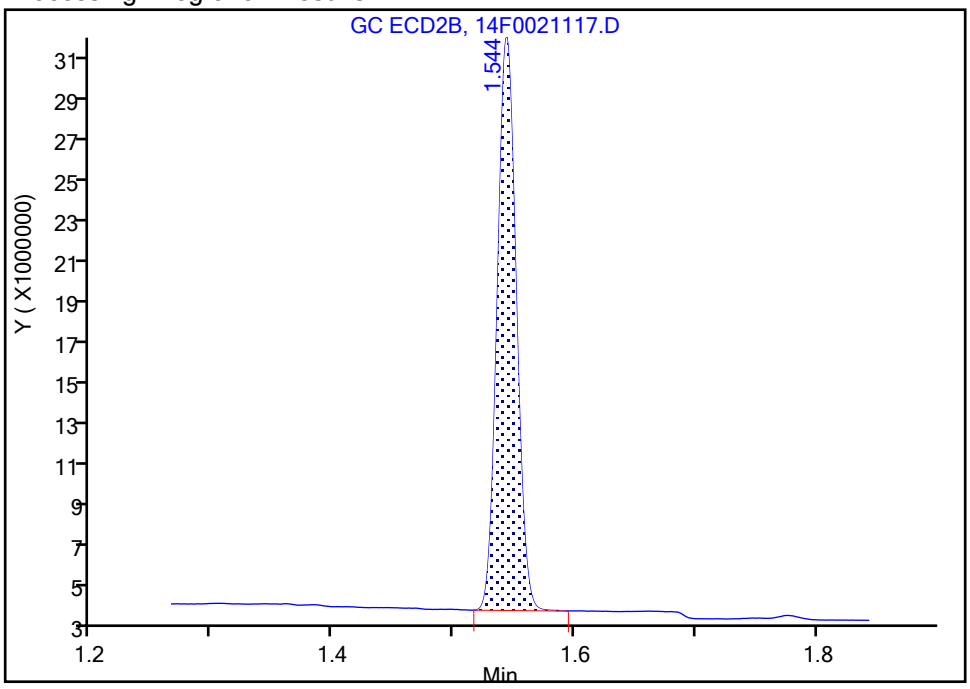
Data File:	\\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021117.D				
Injection Date:	02-Mar-2022 21:36:14	Instrument ID:	CPESTGC14		
Lims ID:	IC 1254				
Client ID:					
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLP Pest 2 (0.53 mm)	Detector	GC ECD2B		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

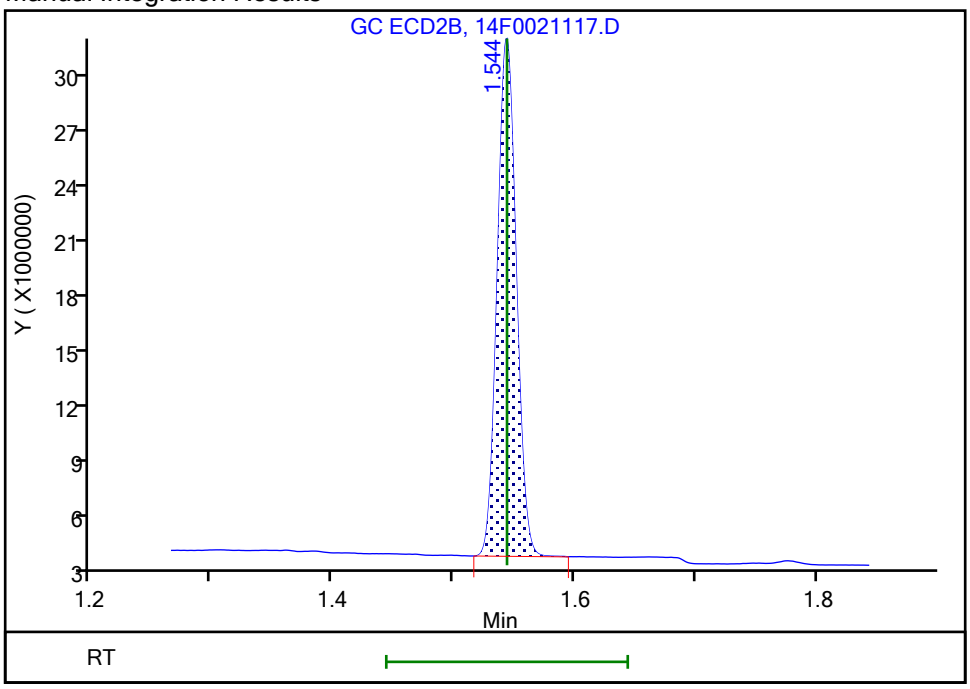
Processing Integration Results

RT: 1.54
Area: 30806543
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.54
Area: 30591619
Amount: 20.000000
Amount Units: ug/l



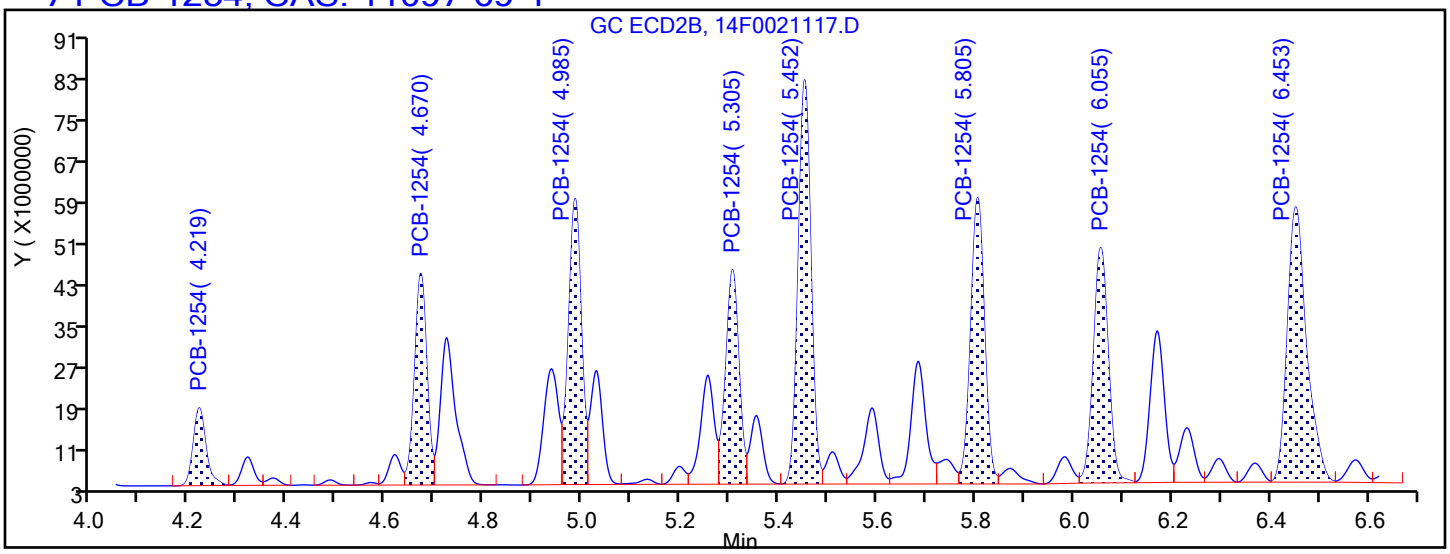
Reviewer: patelji, 03-Mar-2022 10:17:04
Audit Action: Assigned New Baseline Audit Reason: Sample matrix interference

Report Date: 03-Mar-2022 11:14:27 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

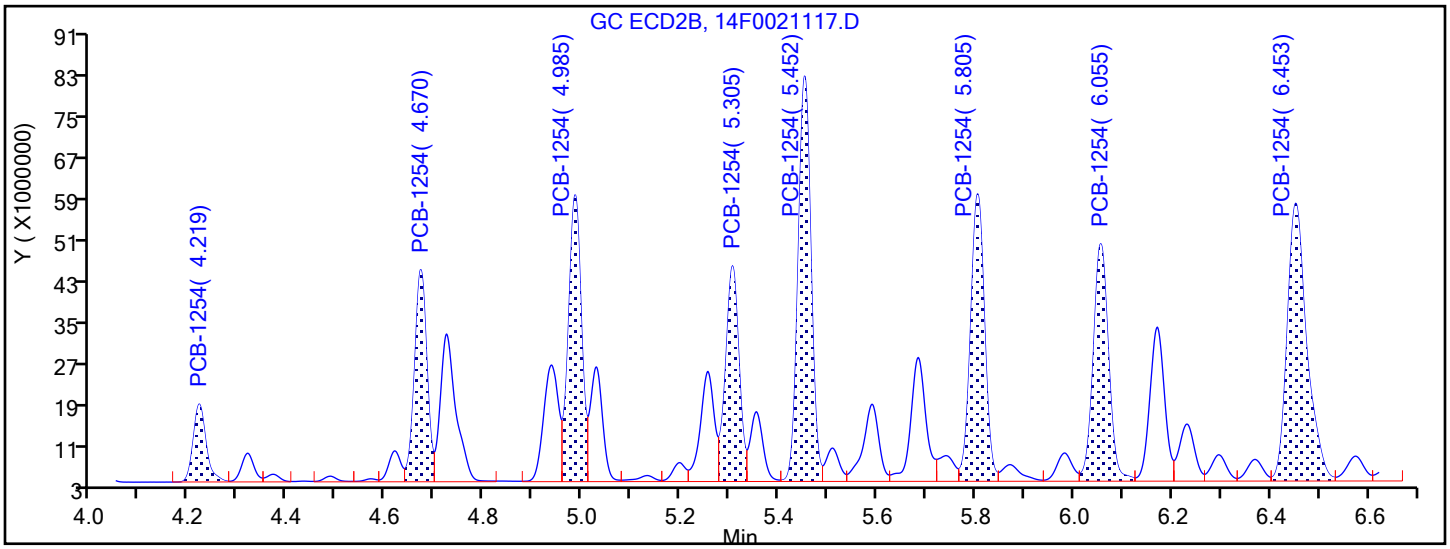
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021117.D
Injection Date: 02-Mar-2022 21:36:14 Instrument ID: CPESTGC14
Lims ID: IC 1254
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

7 PCB-1254, CAS: 11097-69-1



Processing Integration Results

4.219	Response = 27461360
4.670	Response = 72336685
4.985	Response = 102128594
5.305	Response = 79028412
5.452	Response = 142224743
5.805	Response = 109682419
6.055	Response = 97245214
6.453	Response = 145472395



Manual Integration Results

4.219	Response = 27561517	M
4.670	Response = 72705490	M
4.985	Response = 102645047	M
5.305	Response = 79777740	M
5.452	Response = 143360036	M
5.805	Response = 110712516	M

Calibration / PCB-1254 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

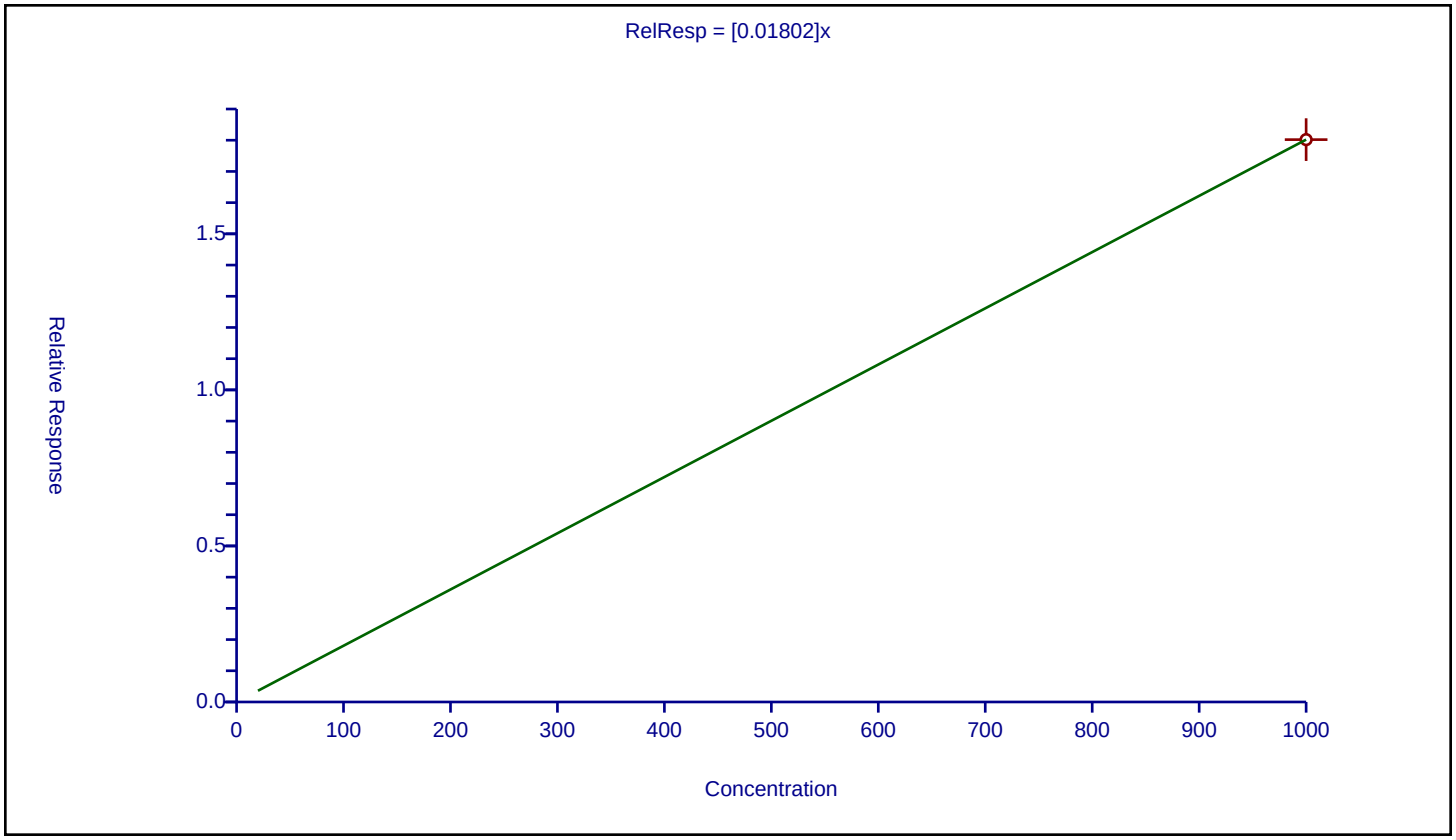
Curve Coefficients

Intercept:	0
Slope:	0.01802

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/13	1000.0	18.018999	20.0	30591619.0	0.018019	Y



Calibration / PCB-1254 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

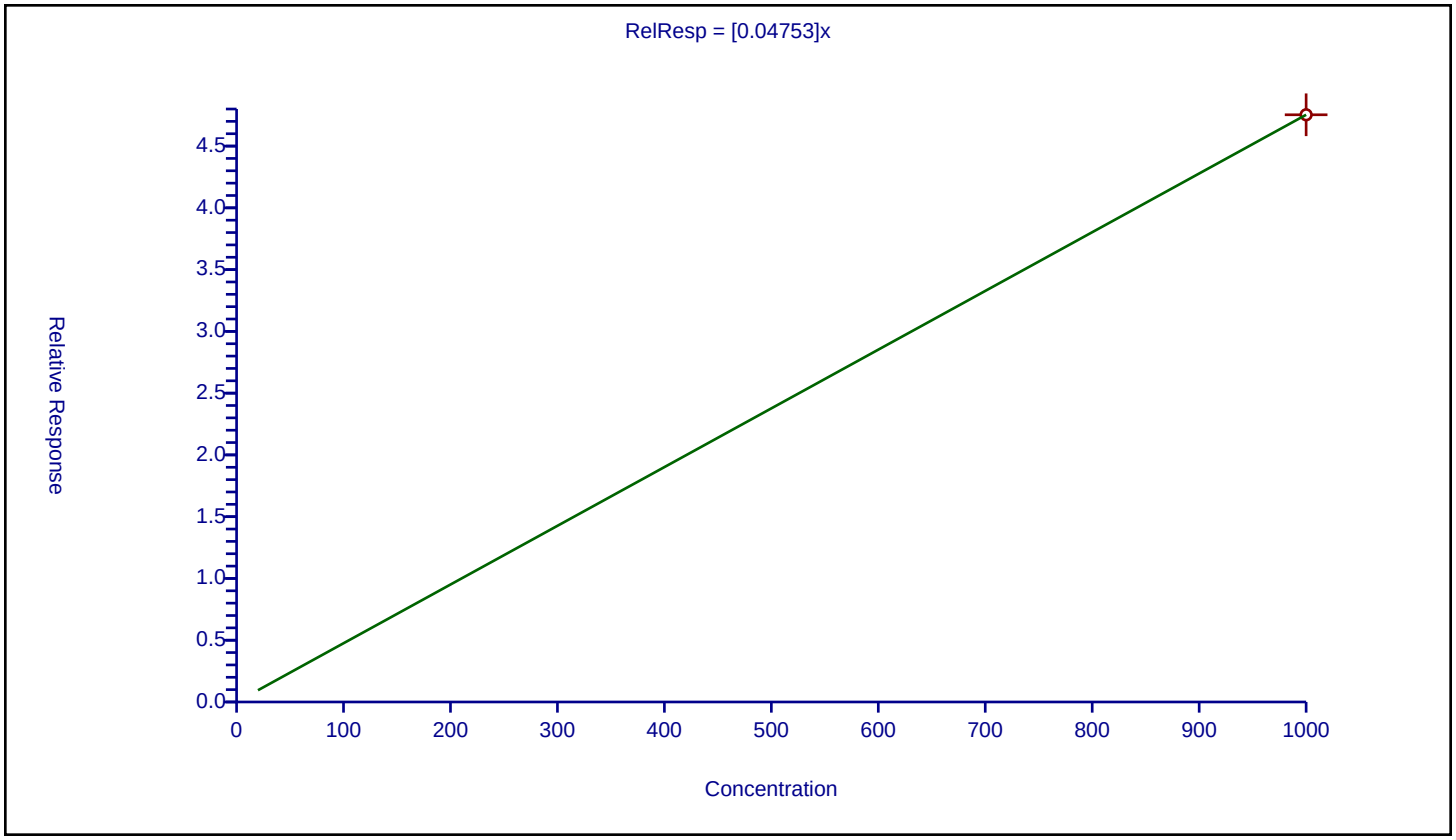
Curve Coefficients

Intercept:	0
Slope:	0.04753

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/13	1000.0	47.532947	20.0	30591619.0	0.047533	Y



Calibration / PCB-1254 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

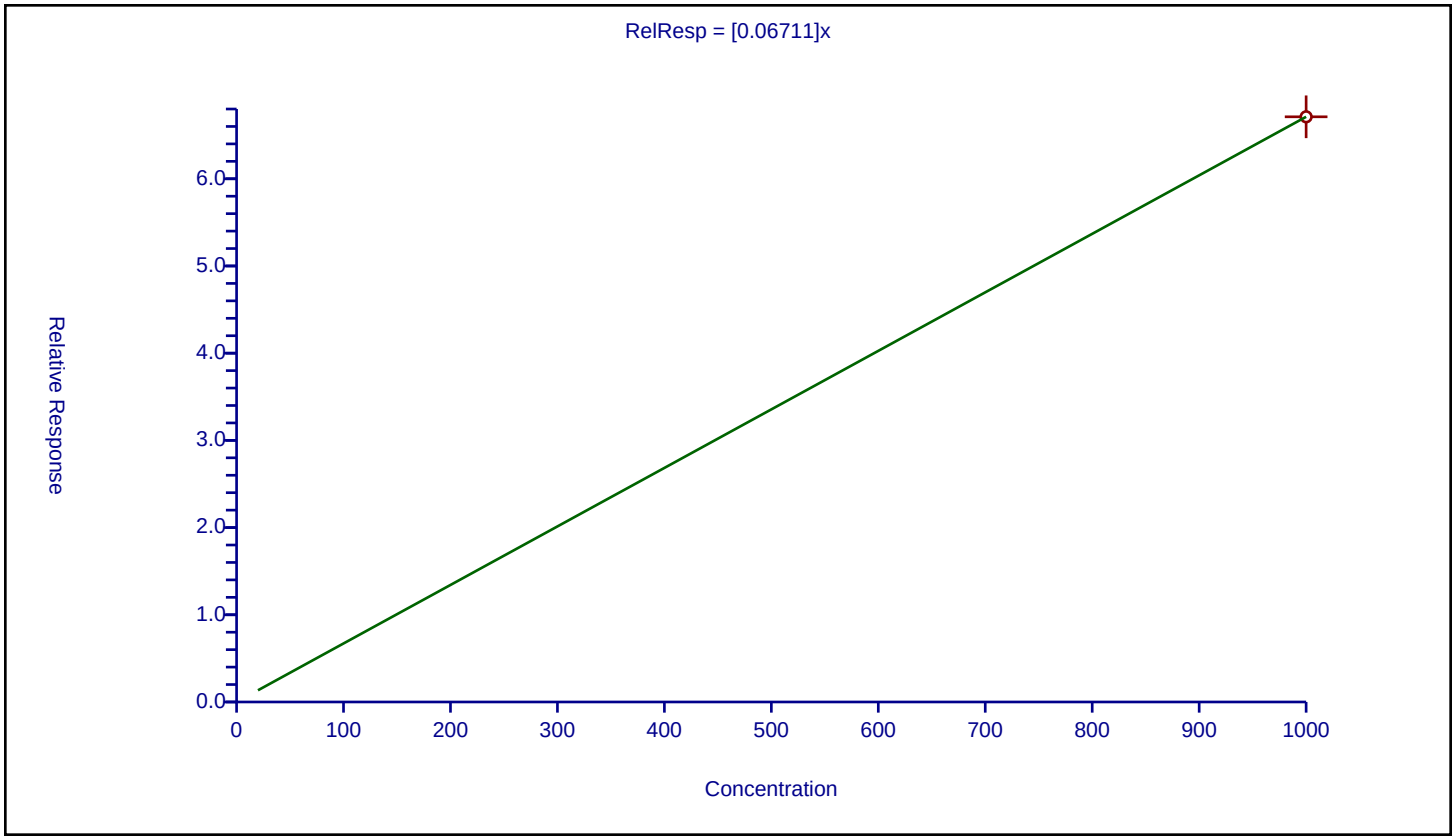
Curve Coefficients

Intercept:	0
Slope:	0.06711

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/13	1000.0	67.106646	20.0	30591619.0	0.067107	Y



Calibration / PCB-1254 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

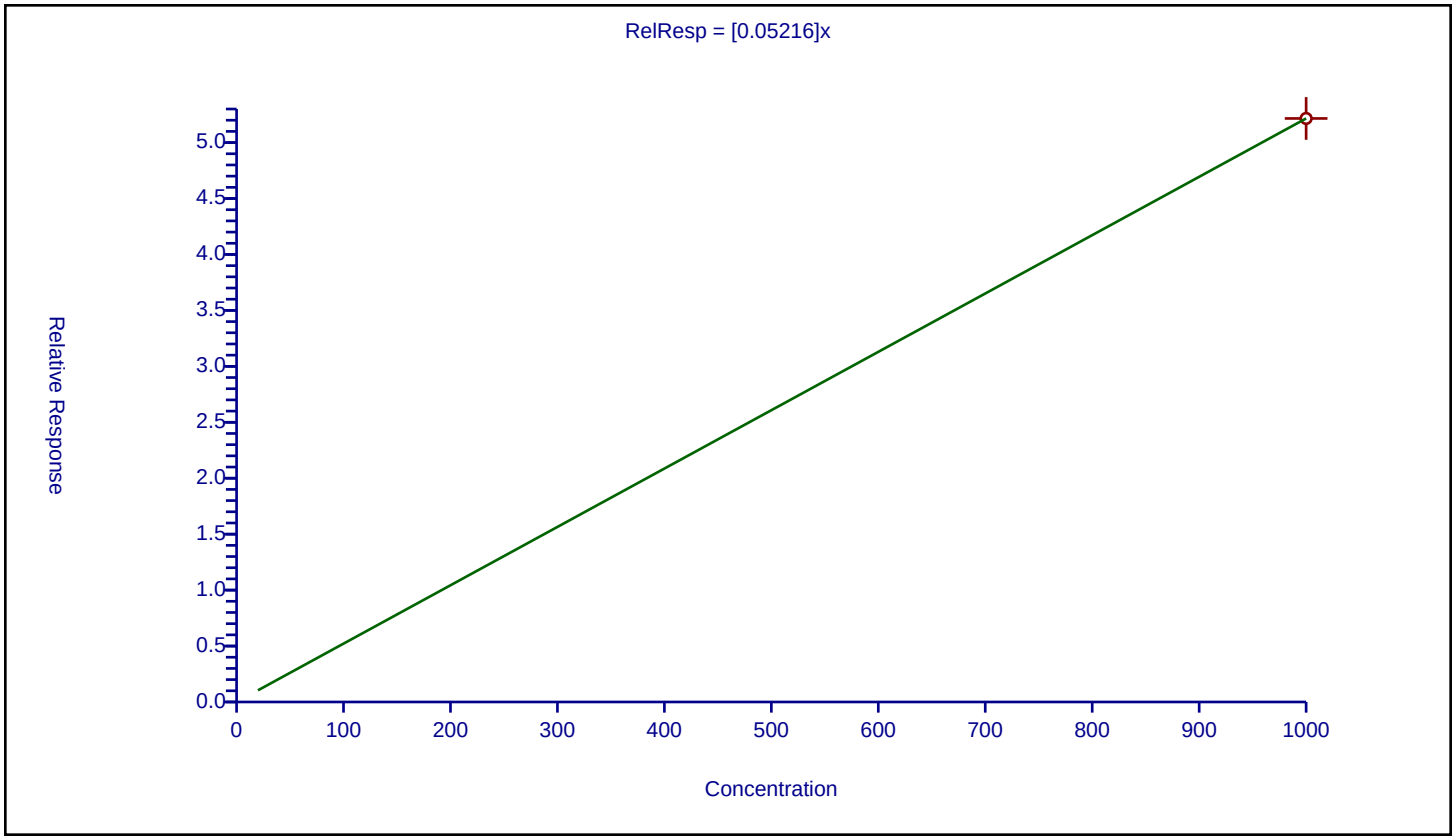
Curve Coefficients

Intercept:	0
Slope:	0.05216

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/13	1000.0	52.156599	20.0	30591619.0	0.052157	Y



Calibration / PCB-1254 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

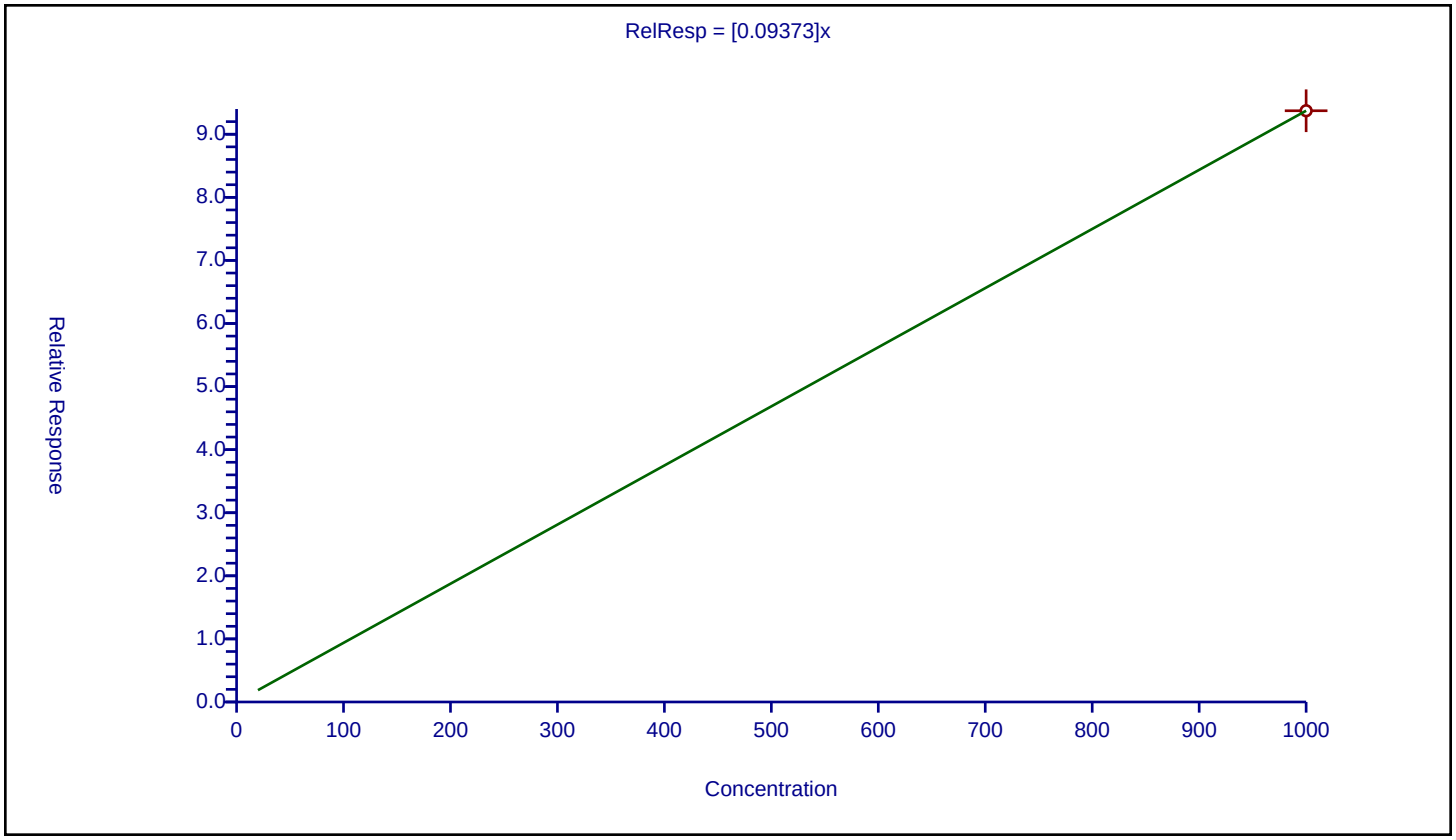
Curve Coefficients

Intercept:	0
Slope:	0.09373

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/13	1000.0	93.72504	20.0	30591619.0	0.093725	Y



Calibration / PCB-1254 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

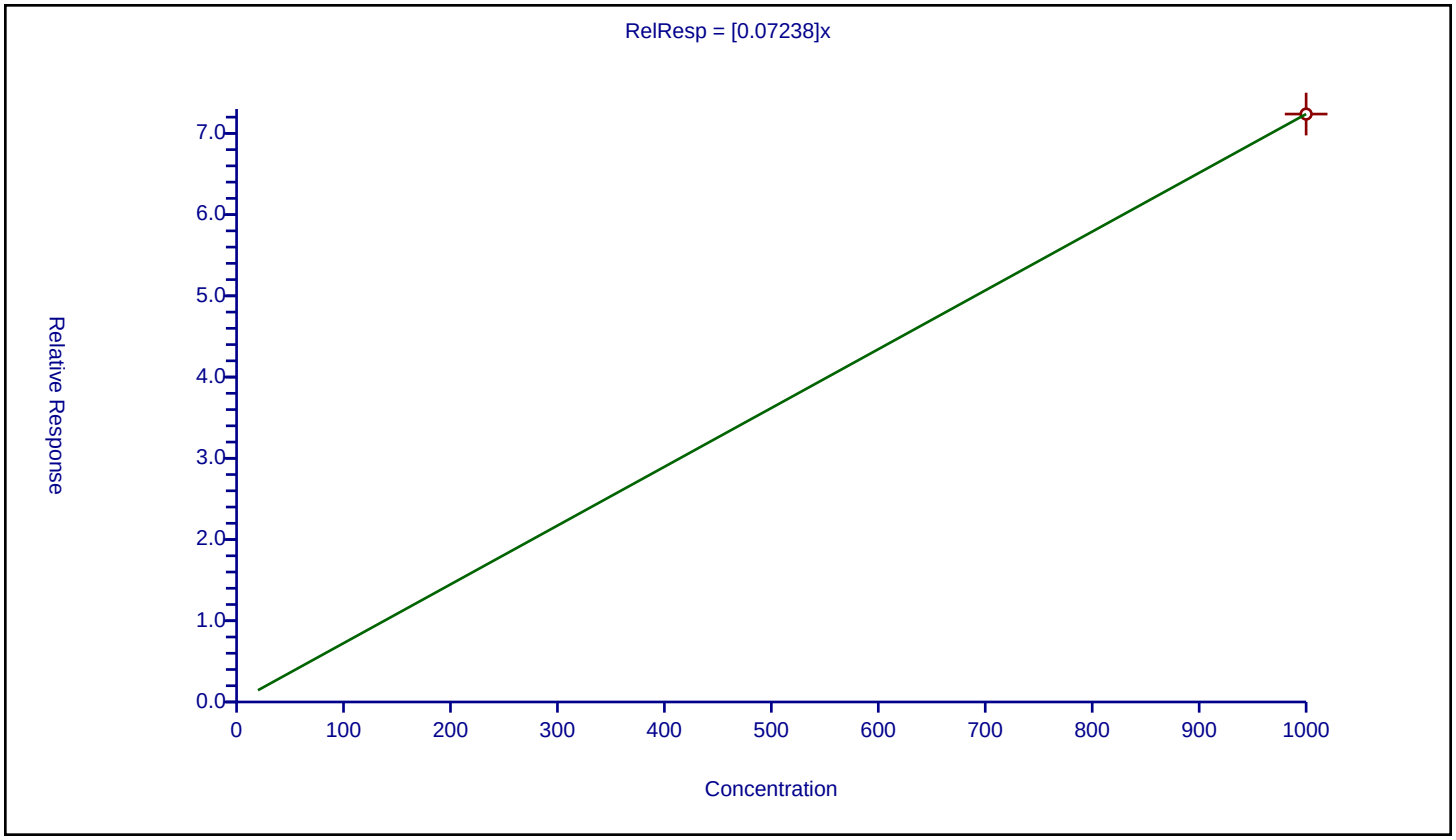
Curve Coefficients

Intercept:	0
Slope:	0.07238

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/13	1000.0	72.380946	20.0	30591619.0	0.072381	Y



Calibration / PCB-1254 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

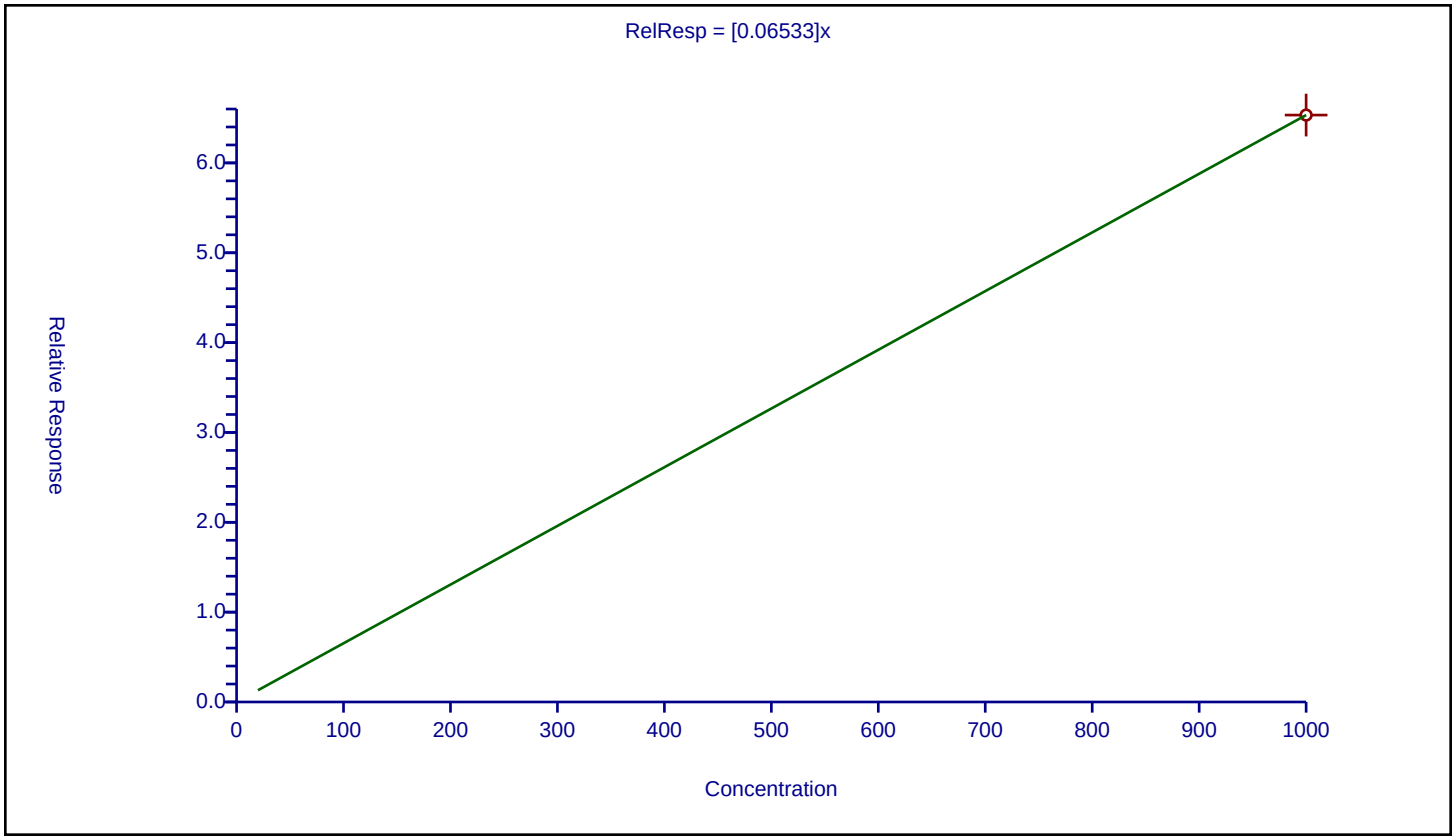
Curve Coefficients

Intercept:	0
Slope:	0.06533

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/13	1000.0	65.326764	20.0	30591619.0	0.065327	Y



Calibration / PCB-1254 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

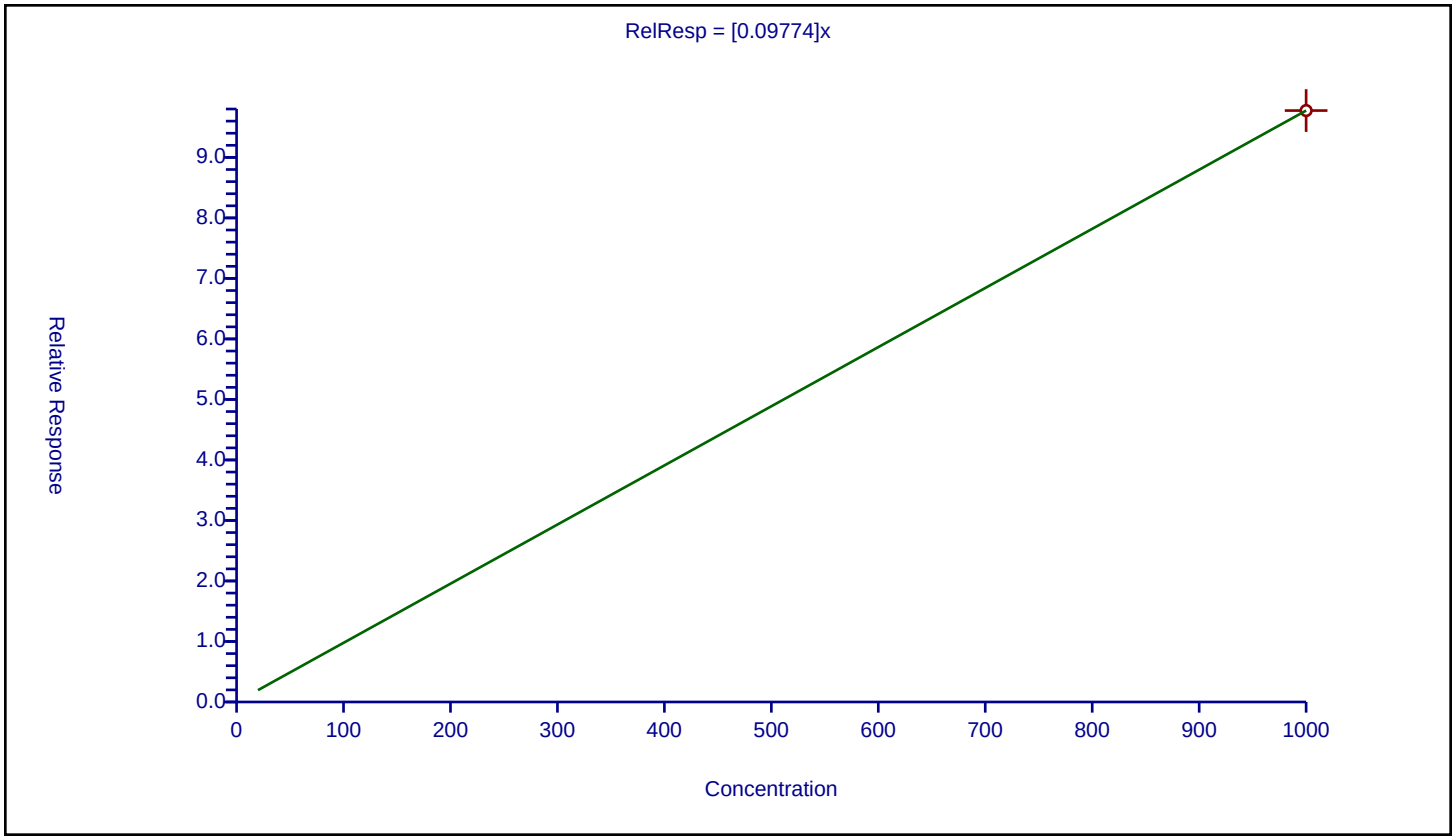
Curve Coefficients

Intercept:	0
Slope:	0.09774

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/13	1000.0	97.743664	20.0	30591619.0	0.097744	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:52 Calibration End Date: 03/02/2022 21:52 Calibration ID: 89443

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/14	14F0021118.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1262 Peak 1	0.0332					Ave		0.0332						20.0			
PCB-1262 Peak 2	0.0386					Ave		0.0386						20.0			
PCB-1262 Peak 3	0.0546					Ave		0.0546						20.0			
PCB-1262 Peak 4	0.0504					Ave		0.0504						20.0			
PCB-1262 Peak 5	0.0962					Ave		0.0962						20.0			
PCB-1262 Peak 6	0.0125					Ave		0.0125						20.0			
PCB-1262 Peak 7	0.0300					Ave		0.0300						20.0			
PCB-1262 Peak 8	0.0094					Ave		0.0094						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:52 Calibration End Date: 03/02/2022 21:52 Calibration ID: 89443

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/14	14F0021118.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	31036046					1000				
PCB-1262 Peak 2	BNB	Ave	36039582					1000				
PCB-1262 Peak 3	BNB	Ave	51074315					1000				
PCB-1262 Peak 4	BNB	Ave	47074311					1000				
PCB-1262 Peak 5	BNB	Ave	89903863					1000				
PCB-1262 Peak 6	BNB	Ave	11684338					1000				
PCB-1262 Peak 7	BNB	Ave	27995608					1000				
PCB-1262 Peak 8	BNB	Ave	8766616					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021118.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 21:52:47 ALS Bottle#: 17 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:29 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:18:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.754	1.754	0.000	18693307	20.0	20.0	
2	1.543	1.543	0.000	29181028	20.0	20.0	
						RPD = 0.00	
9 PCB-1262							M
1	7.136	7.136	0.000	31036046	1000.0	1000.0	
1	7.521	7.521	0.000	36039582	1000.0	1000.0	
1	8.398	8.398	0.000	51074315	1000.0	1000.0	M
1	9.023	9.023	0.000	47074311	1000.0	1000.0	M
1	9.574	9.574	0.000	89903863	1000.0	1000.0	M
1	10.525	10.525	0.000	11684338	1000.0	1000.0	
1	10.688	10.688	0.000	27995608	1000.0	1000.0	
1	10.973	10.973	0.000	8766616	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	5.684	5.684	0.000	53809452	1000.0	1000.0	M
2	7.021	7.021	0.000	89679077	1000.0	1000.0	M
2	7.567	7.567	0.000	188703216	1000.0	1000.0	M
2	8.084	8.084	0.000	64344561	1000.0	1000.0	
2	8.250	8.250	0.000	77576192	1000.0	1000.0	
2	8.818	8.818	0.000	29063526	1000.0	1000.0	
2	9.412	9.412	0.000	64333898	1000.0	1000.0	M
2	9.873	9.873	0.000	20948907	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1262L4_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

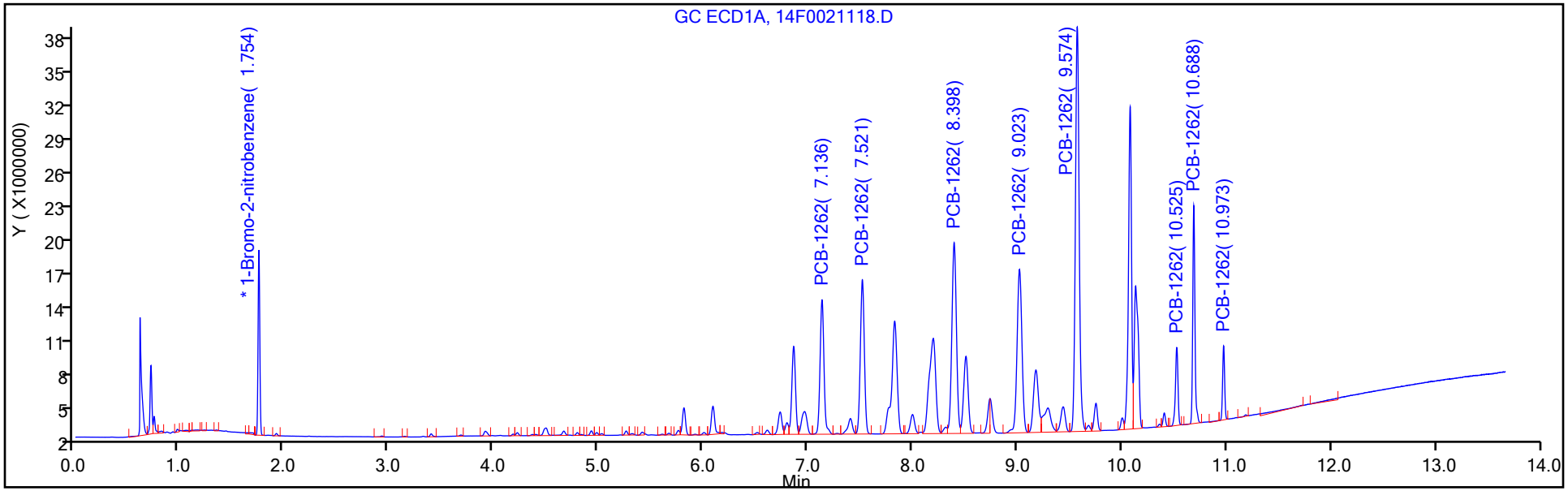
Report Date: 03-Mar-2022 11:14:29 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

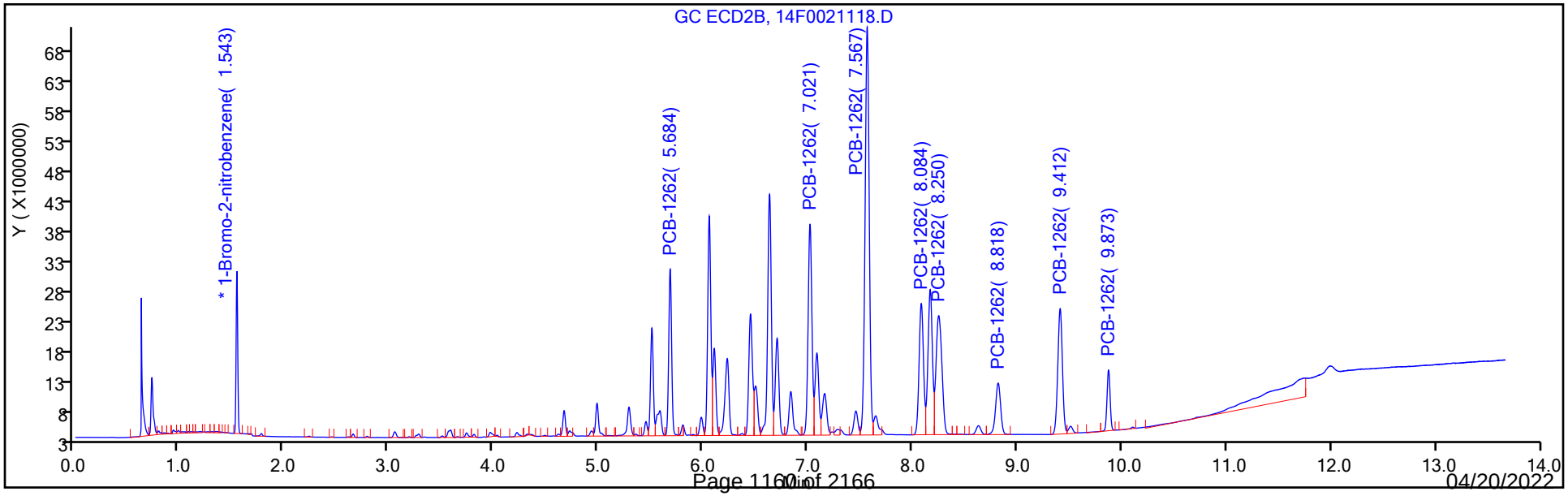
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021118.D

Injection Date:	02-Mar-2022 21:52:47	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC 1262			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)

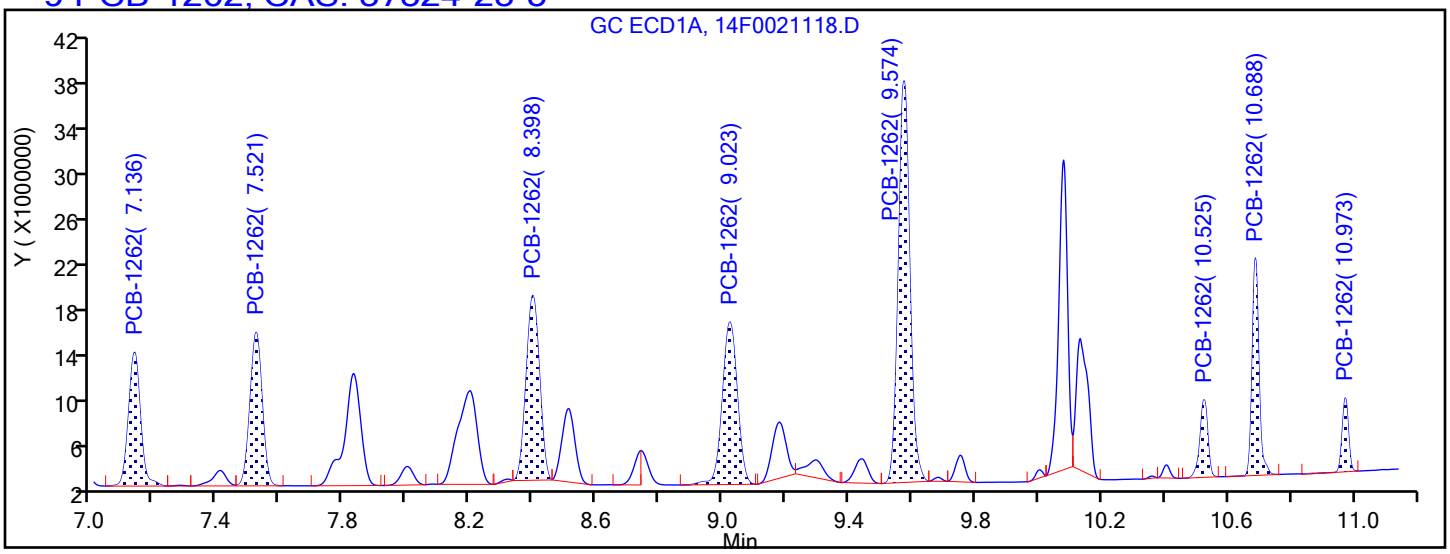


Report Date: 03-Mar-2022 11:14:30 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

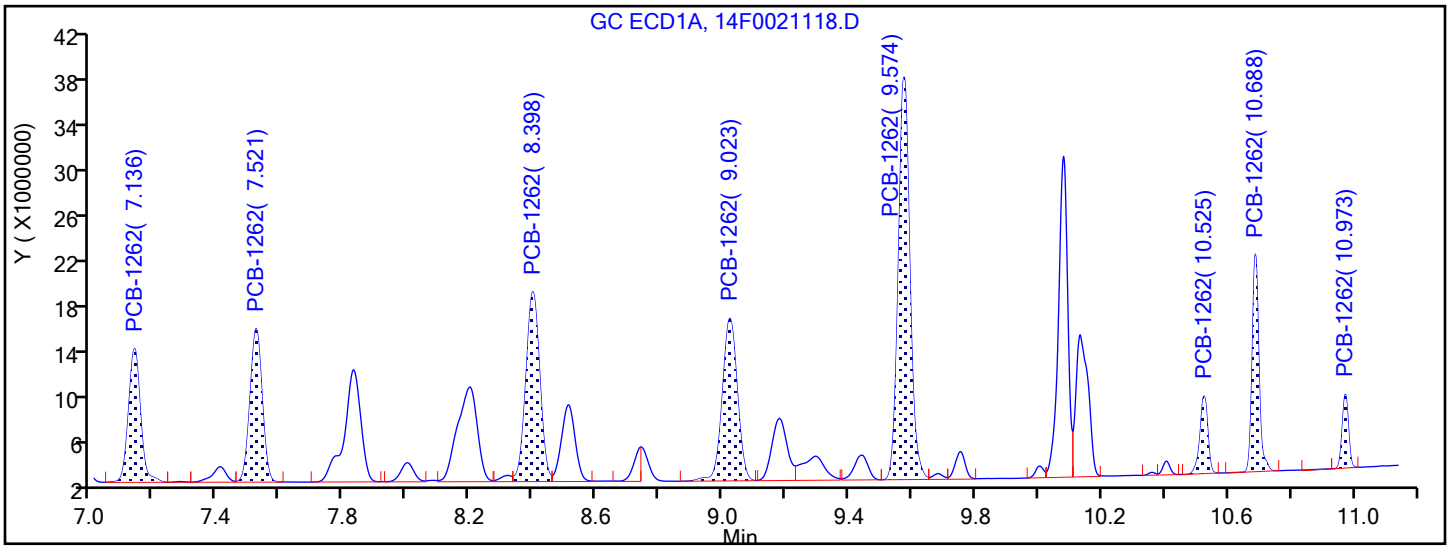
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021118.D
Injection Date: 02-Mar-2022 21:52:47 Instrument ID: CPESTGC14
Lims ID: IC 1262
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

9 PCB-1262, CAS: 37324-23-5



Processing Integration Results

7.136	Response = 31036046
7.521	Response = 36039582
8.398	Response = 47733054
9.023	Response = 46934929
9.574	Response = 89164688
10.525	Response = 11684338
10.688	Response = 27995608
10.973	Response = 8943218



Manual Integration Results

7.136	Response = 31036046	
7.521	Response = 36039582	
8.398	Response = 51074315	M
9.023	Response = 47074311	M
9.574	Response = 89903863	M
10.525	Response = 11684338	

Calibration / PCB-1262 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

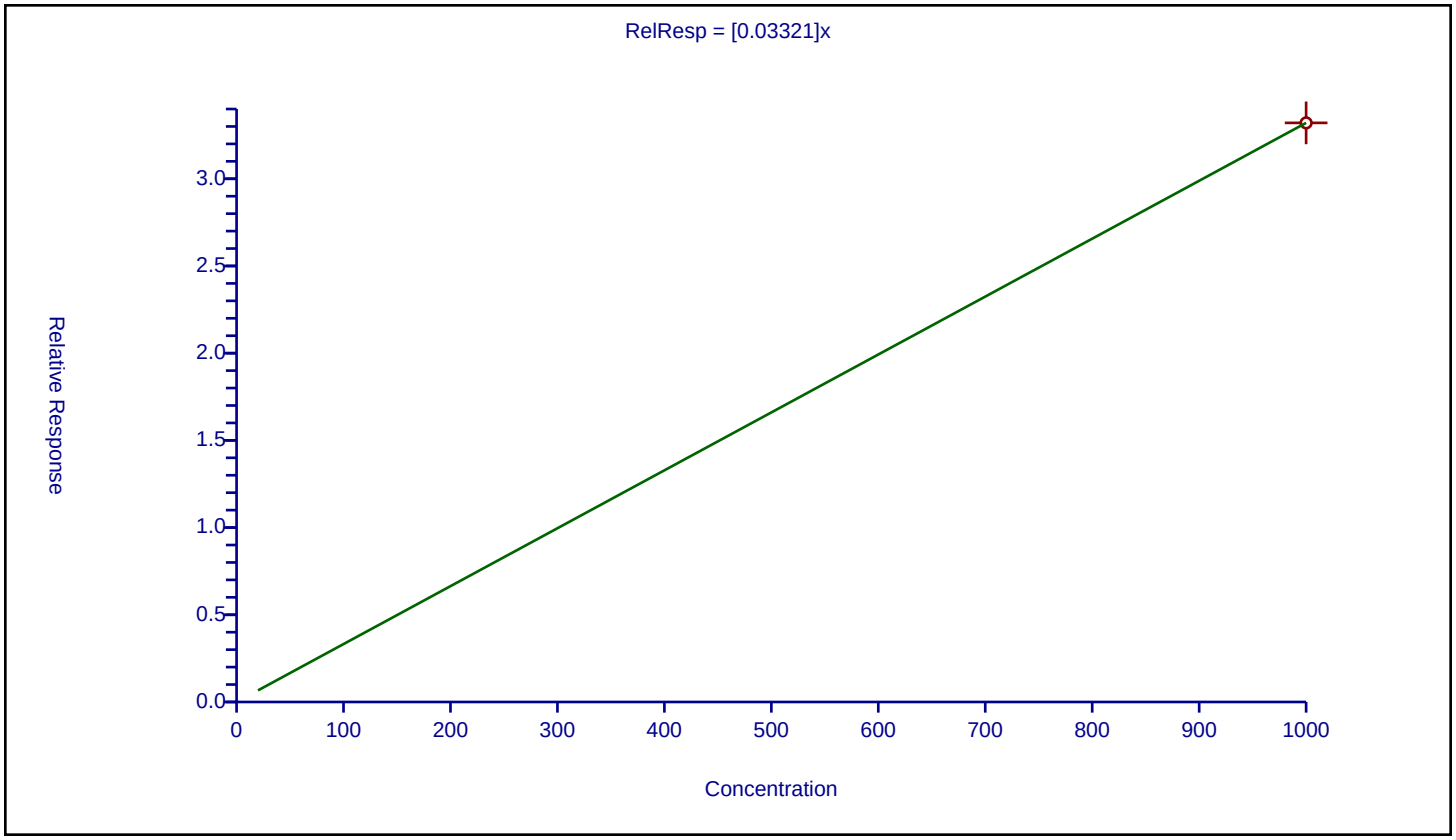
Curve Coefficients

Intercept:	0
Slope:	0.03321

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/14	1000.0	33.205517	20.0	18693307.0	0.033206	Y



Calibration / PCB-1262 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

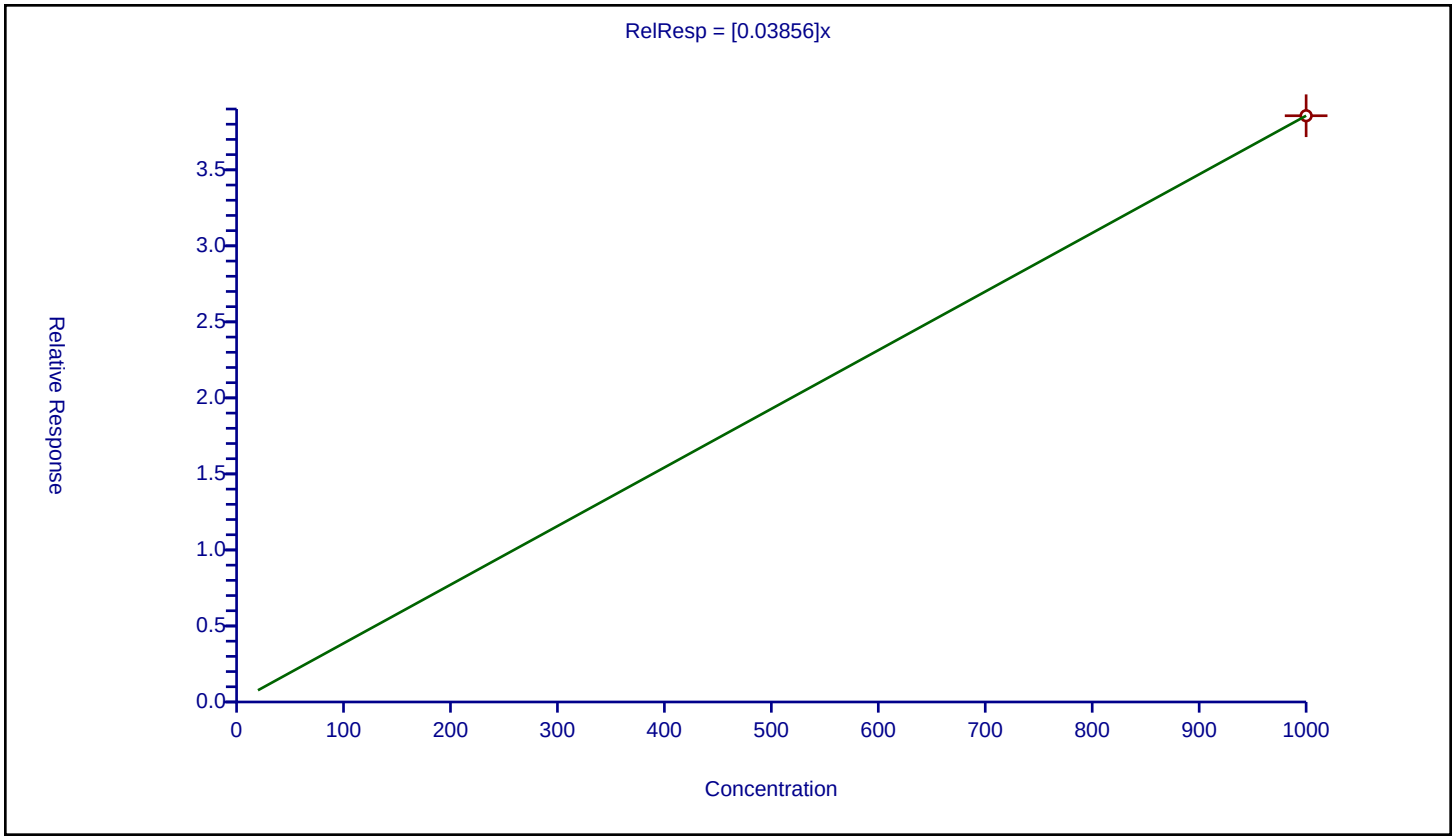
Curve Coefficients

Intercept:	0
Slope:	0.03856

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/14	1000.0	38.558808	20.0	18693307.0	0.038559	Y



Calibration / PCB-1262 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

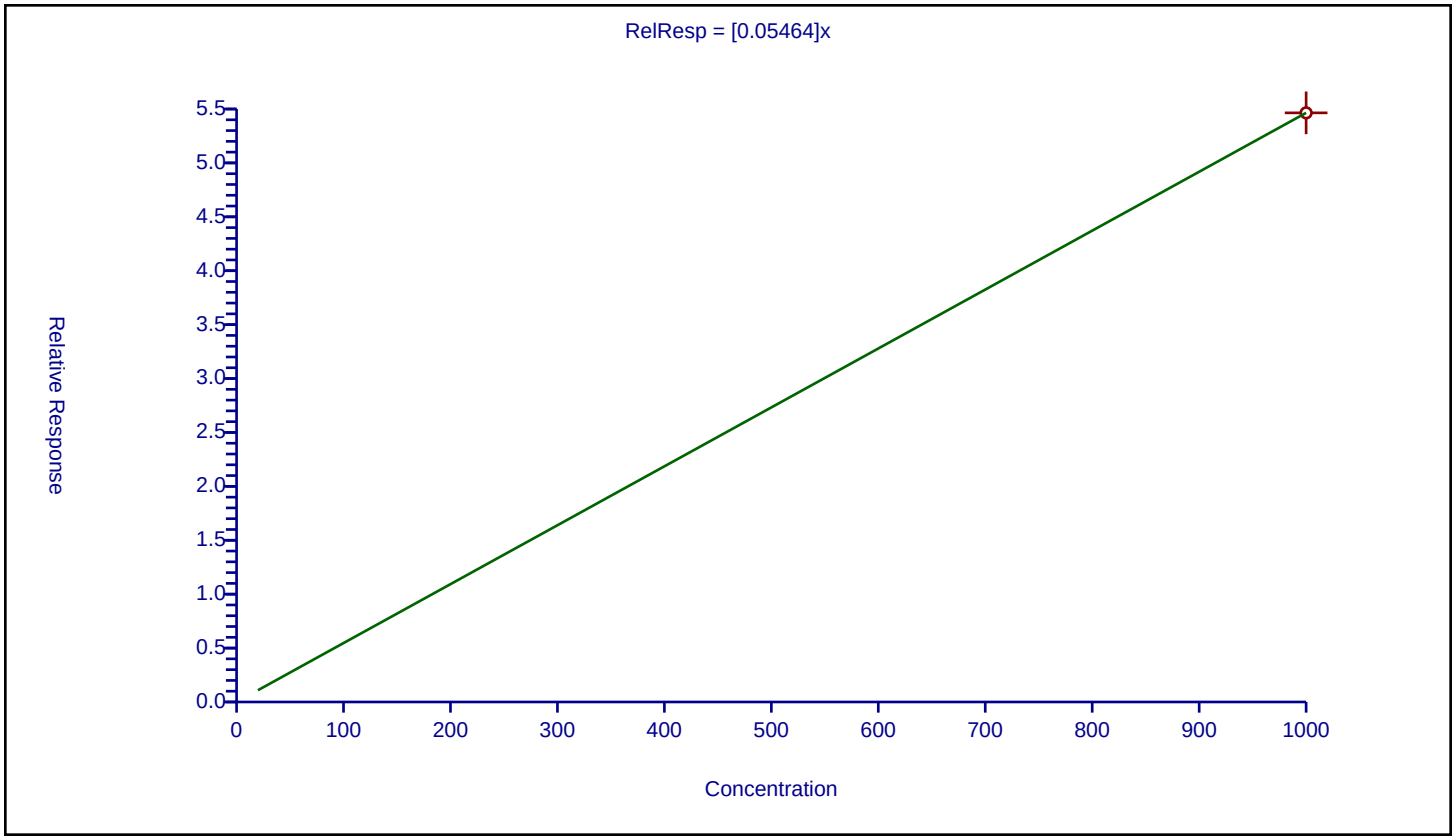
Curve Coefficients

Intercept:	0
Slope:	0.05464

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/14	1000.0	54.644494	20.0	18693307.0	0.054644	Y



Calibration / PCB-1262 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

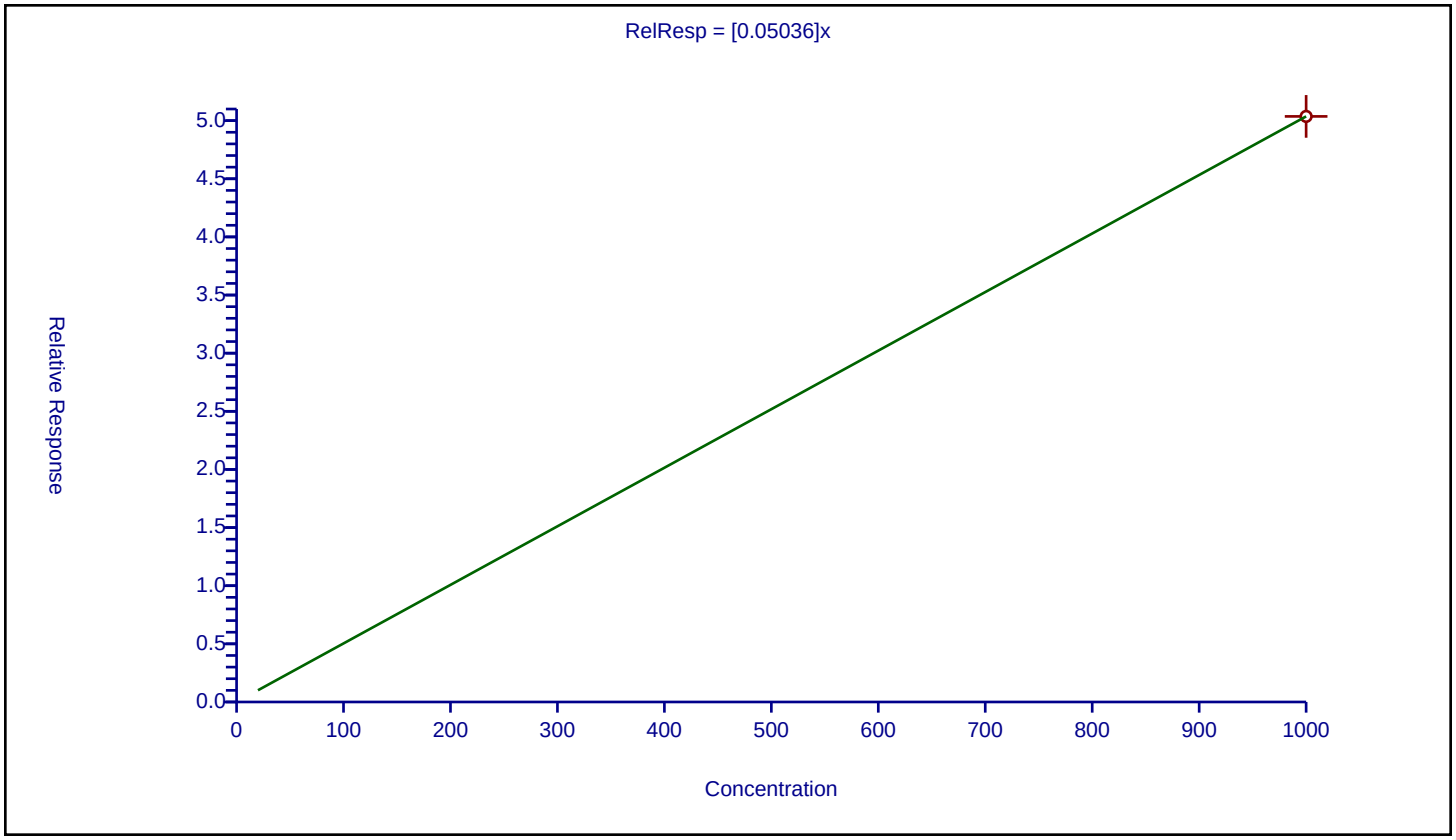
Curve Coefficients

Intercept:	0
Slope:	0.05036

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/14	1000.0	50.364883	20.0	18693307.0	0.050365	Y



Calibration / PCB-1262 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

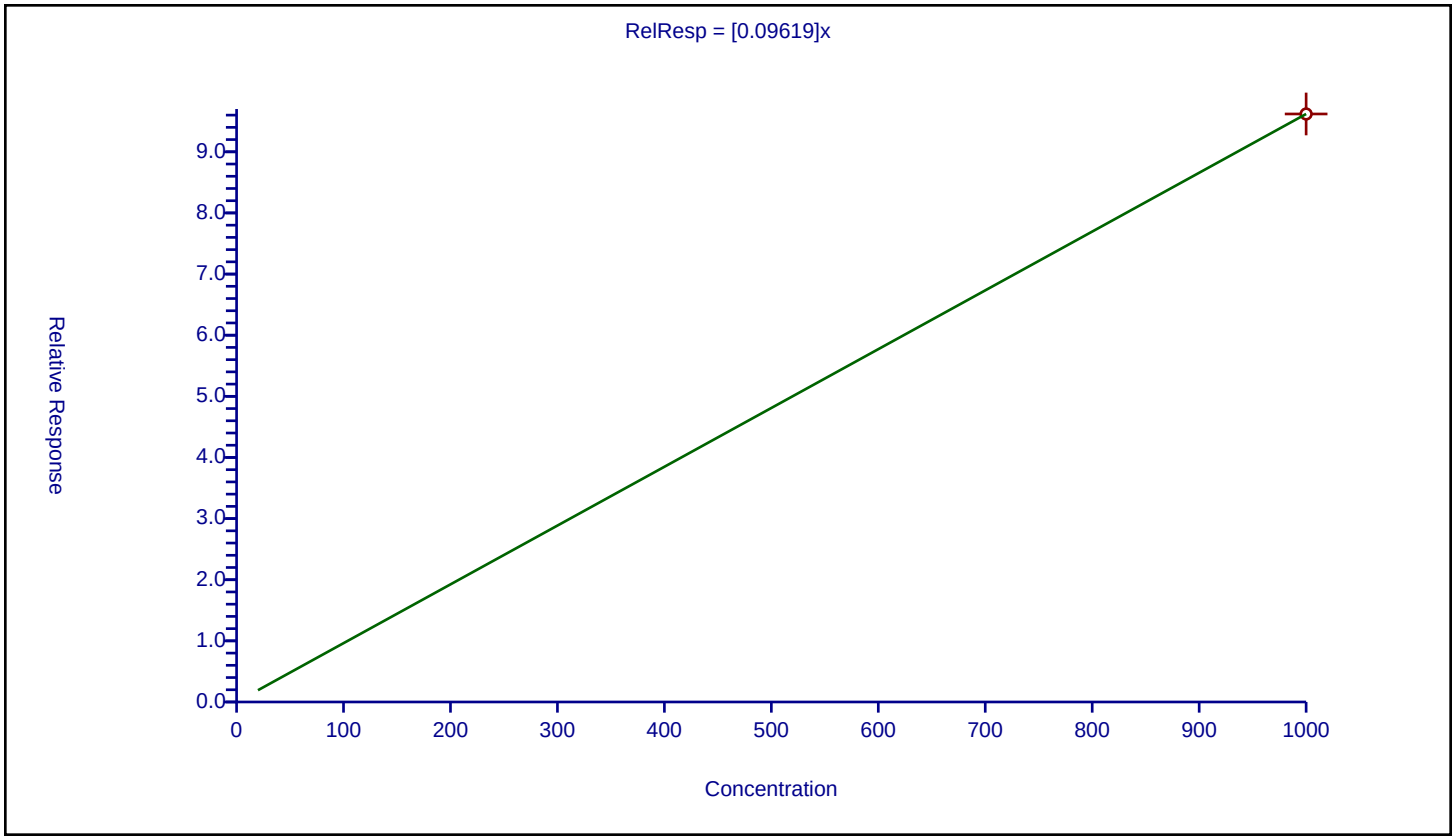
Curve Coefficients

Intercept:	0
Slope:	0.09619

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/14	1000.0	96.188291	20.0	18693307.0	0.096188	Y



Calibration / PCB-1262 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

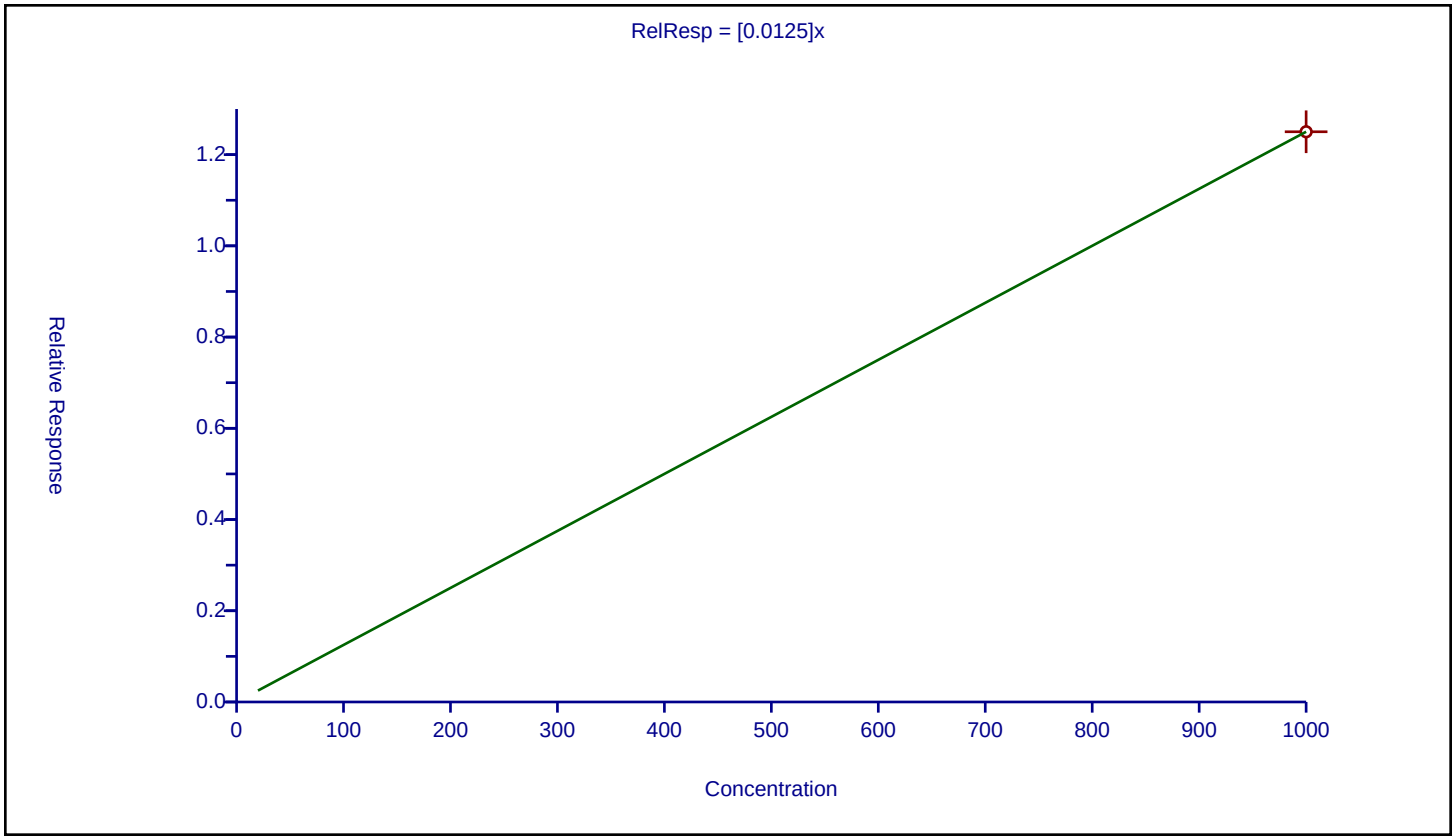
Curve Coefficients

Intercept:	0
Slope:	0.0125

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/14	1000.0	12.501093	20.0	18693307.0	0.012501	Y



Calibration / PCB-1262 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

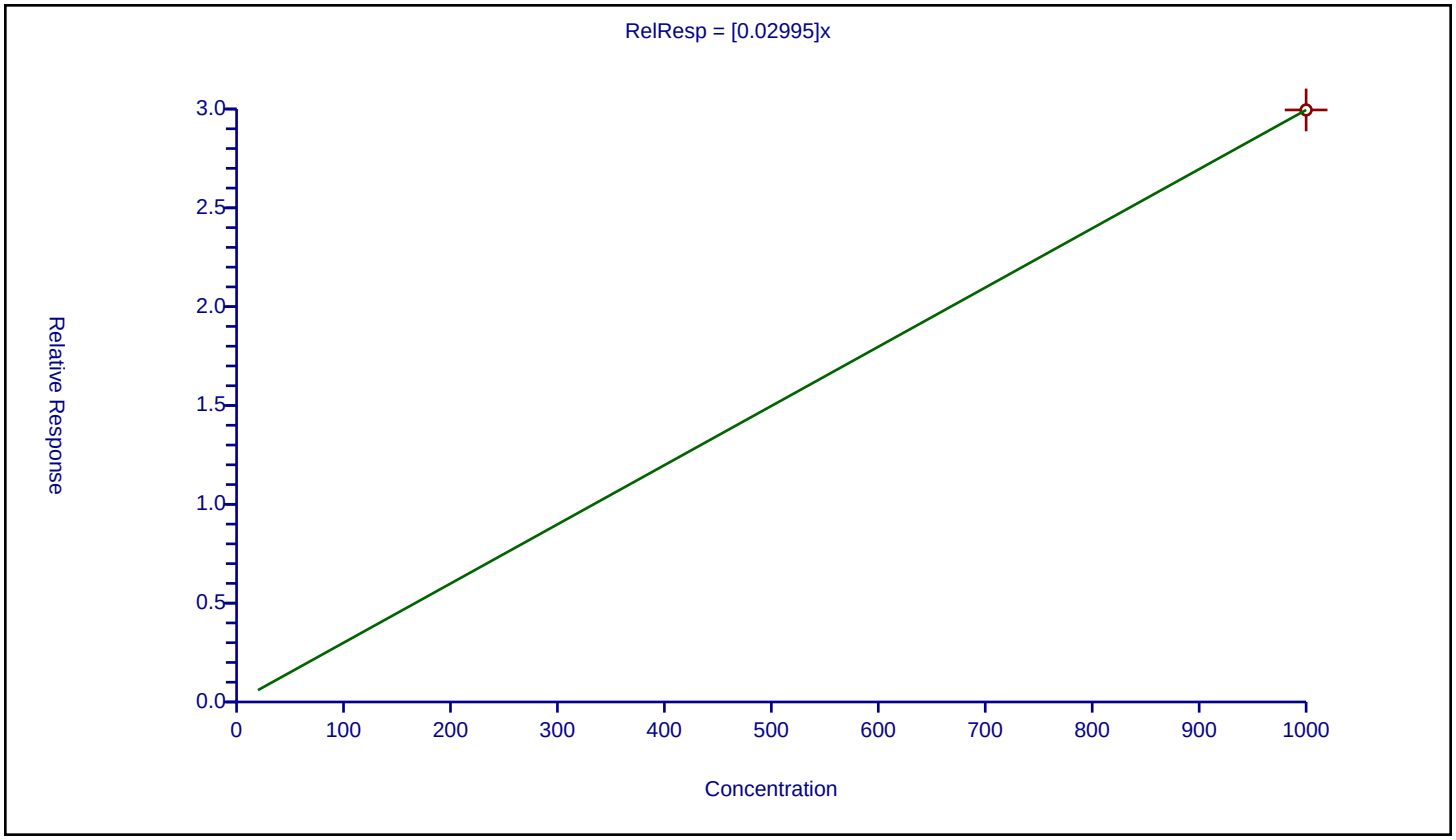
Curve Coefficients

Intercept:	0
Slope:	0.02995

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/14	1000.0	29.952547	20.0	18693307.0	0.029953	Y



Calibration / PCB-1262 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

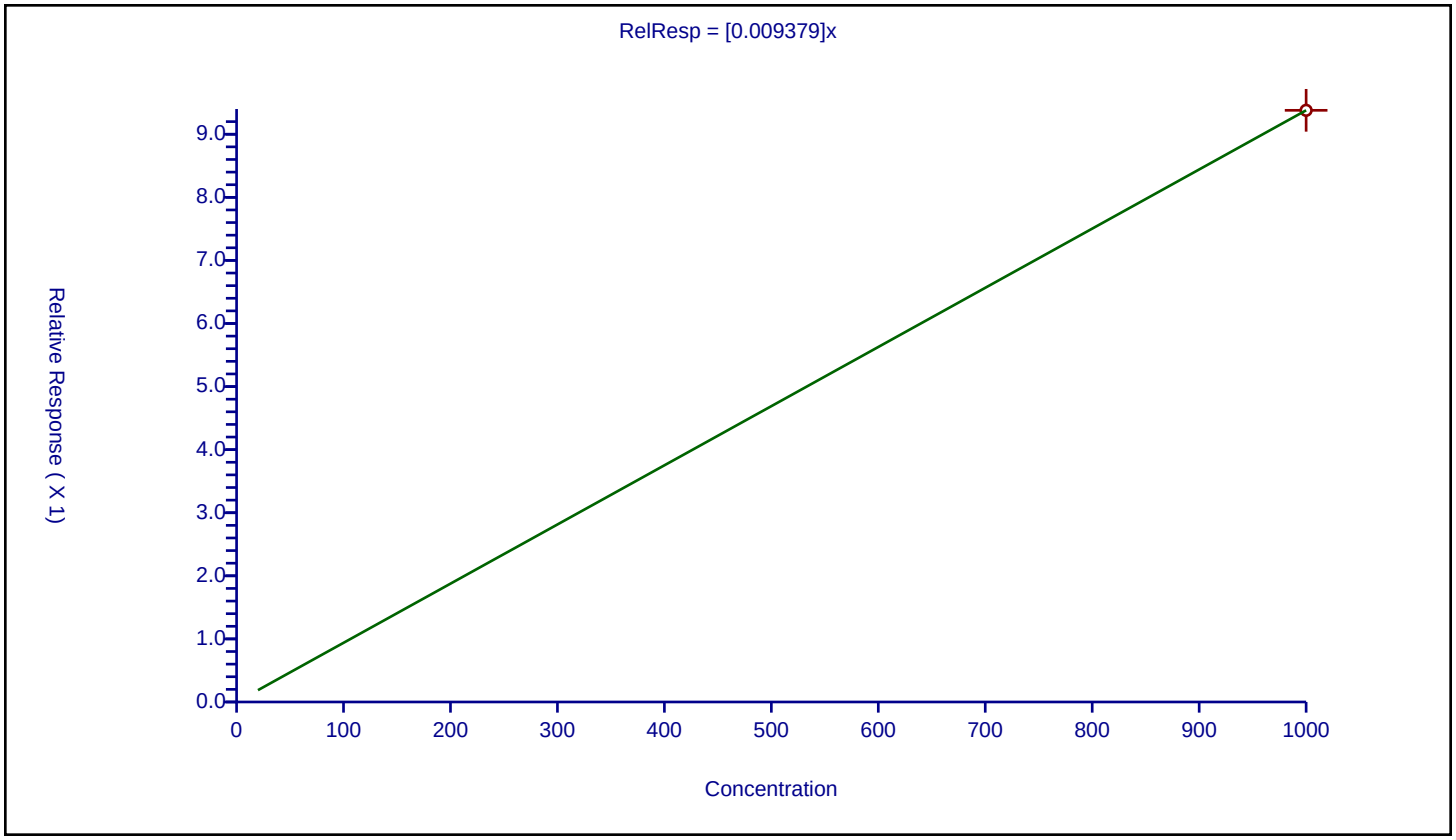
Curve Coefficients

Intercept:	0
Slope:	0.009379

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/14	1000.0	9.379417	20.0	18693307.0	0.009379	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:52 Calibration End Date: 03/02/2022 21:52 Calibration ID: 89444

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/14	14F0021118.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1262 Peak 1	0.0369					Ave		0.0369						20.0			
PCB-1262 Peak 2	0.0615					Ave		0.0615						20.0			
PCB-1262 Peak 3	0.1293					Ave		0.1293						20.0			
PCB-1262 Peak 4	0.0441					Ave		0.0441						20.0			
PCB-1262 Peak 5	0.0532					Ave		0.0532						20.0			
PCB-1262 Peak 6	0.0199					Ave		0.0199						20.0			
PCB-1262 Peak 7	0.0441					Ave		0.0441						20.0			
PCB-1262 Peak 8	0.0144					Ave		0.0144						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:52 Calibration End Date: 03/02/2022 21:52 Calibration ID: 89444

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/14	14F0021118.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	53809452					1000				
PCB-1262 Peak 2	BNB	Ave	89679077					1000				
PCB-1262 Peak 3	BNB	Ave	188703216					1000				
PCB-1262 Peak 4	BNB	Ave	64344561					1000				
PCB-1262 Peak 5	BNB	Ave	77576192					1000				
PCB-1262 Peak 6	BNB	Ave	29063526					1000				
PCB-1262 Peak 7	BNB	Ave	64333898					1000				
PCB-1262 Peak 8	BNB	Ave	20948907					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021118.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 21:52:47 ALS Bottle#: 17 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:29 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:18:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.754	1.754	0.000	18693307	20.0	20.0	
2	1.543	1.543	0.000	29181028	20.0	20.0	
						RPD = 0.00	
9 PCB-1262							M
1	7.136	7.136	0.000	31036046	1000.0	1000.0	
1	7.521	7.521	0.000	36039582	1000.0	1000.0	
1	8.398	8.398	0.000	51074315	1000.0	1000.0	M
1	9.023	9.023	0.000	47074311	1000.0	1000.0	M
1	9.574	9.574	0.000	89903863	1000.0	1000.0	M
1	10.525	10.525	0.000	11684338	1000.0	1000.0	
1	10.688	10.688	0.000	27995608	1000.0	1000.0	
1	10.973	10.973	0.000	8766616	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	5.684	5.684	0.000	53809452	1000.0	1000.0	M
2	7.021	7.021	0.000	89679077	1000.0	1000.0	M
2	7.567	7.567	0.000	188703216	1000.0	1000.0	M
2	8.084	8.084	0.000	64344561	1000.0	1000.0	
2	8.250	8.250	0.000	77576192	1000.0	1000.0	
2	8.818	8.818	0.000	29063526	1000.0	1000.0	
2	9.412	9.412	0.000	64333898	1000.0	1000.0	M
2	9.873	9.873	0.000	20948907	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1262L4_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

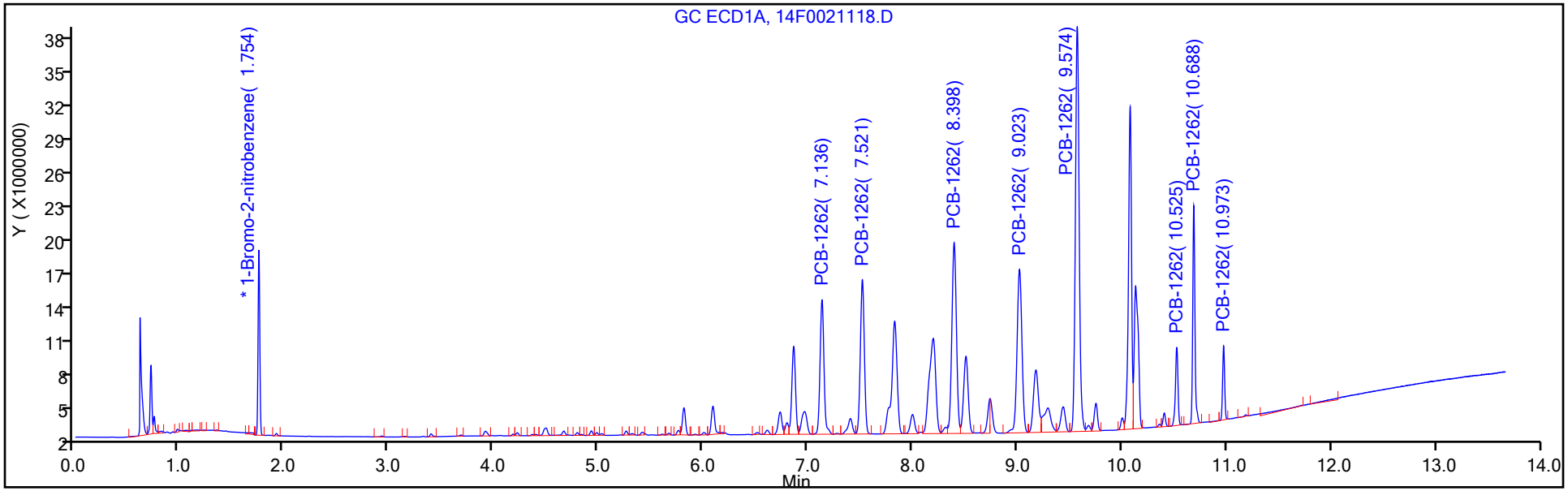
Report Date: 03-Mar-2022 11:14:30 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

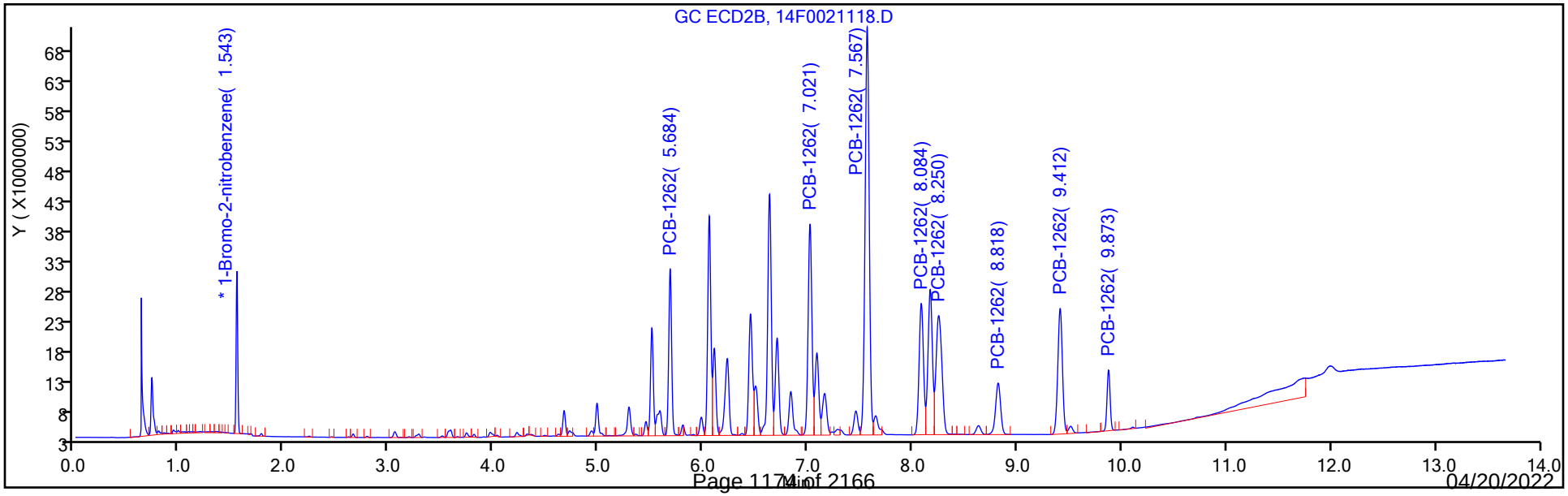
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021118.D

Injection Date:	02-Mar-2022 21:52:47	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC 1262			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)

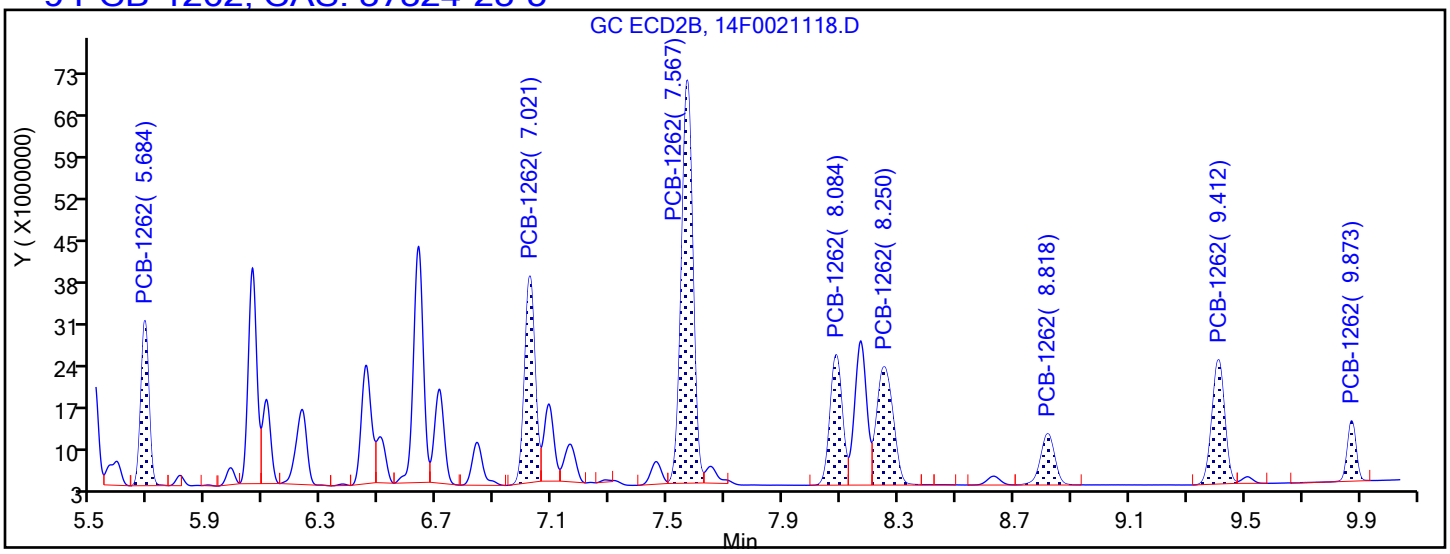


Report Date: 03-Mar-2022 11:14:30 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

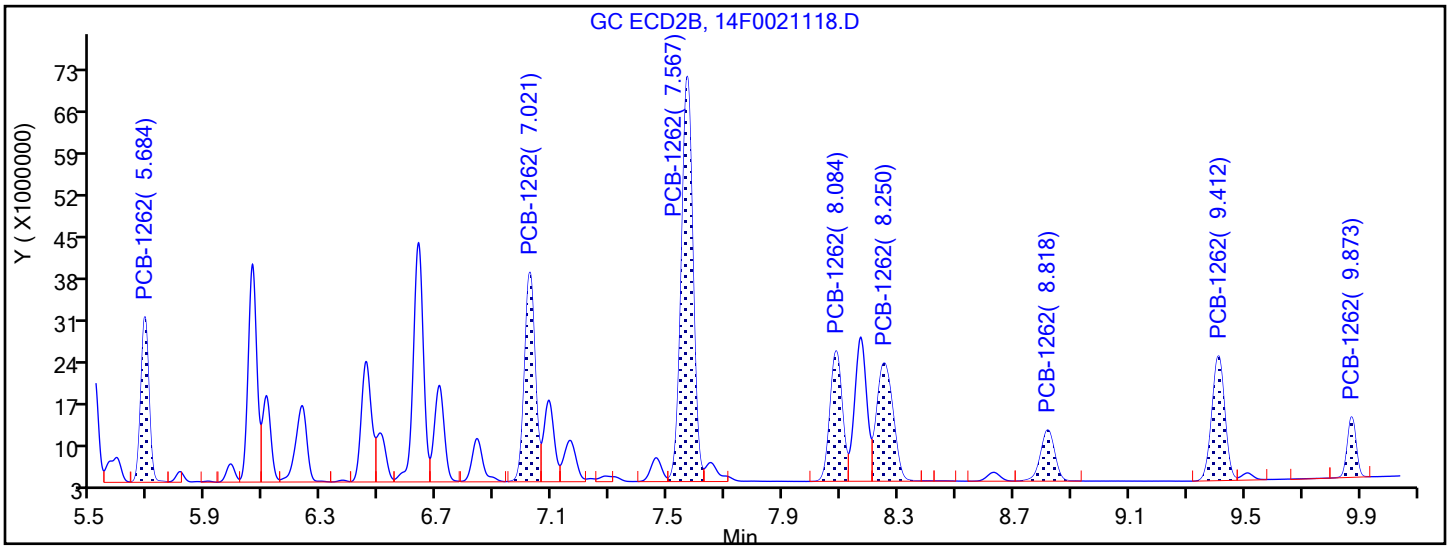
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021118.D
Injection Date: 02-Mar-2022 21:52:47 Instrument ID: CPESTGC14
Lims ID: IC 1262
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

9 PCB-1262, CAS: 37324-23-5



Processing Integration Results

5.684	Response = 53260024
7.021	Response = 87006521
7.567	Response = 185945964
8.084	Response = 64344561
8.250	Response = 77576192
8.818	Response = 29063526
9.412	Response = 63698233
9.873	Response = 21254937



Manual Integration Results

5.684	Response = 53809452	M
7.021	Response = 89679077	M
7.567	Response = 188703216	M
8.084	Response = 64344561	
8.250	Response = 77576192	
8.818	Response = 29063526	

Calibration / PCB-1262 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

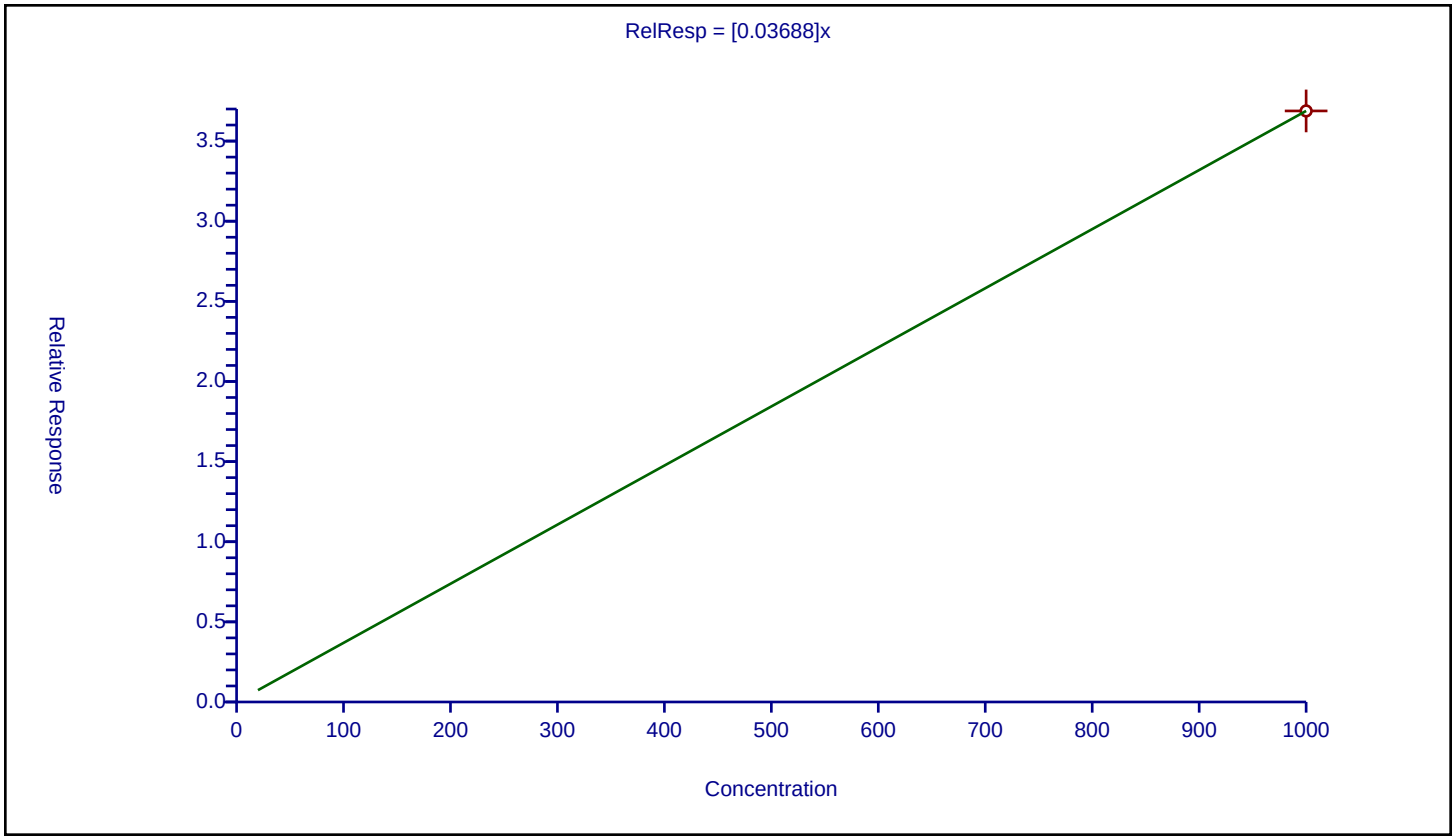
Curve Coefficients

Intercept:	0
Slope:	0.03688

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/14	1000.0	36.879751	20.0	29181028.0	0.03688	Y



Calibration / PCB-1262 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

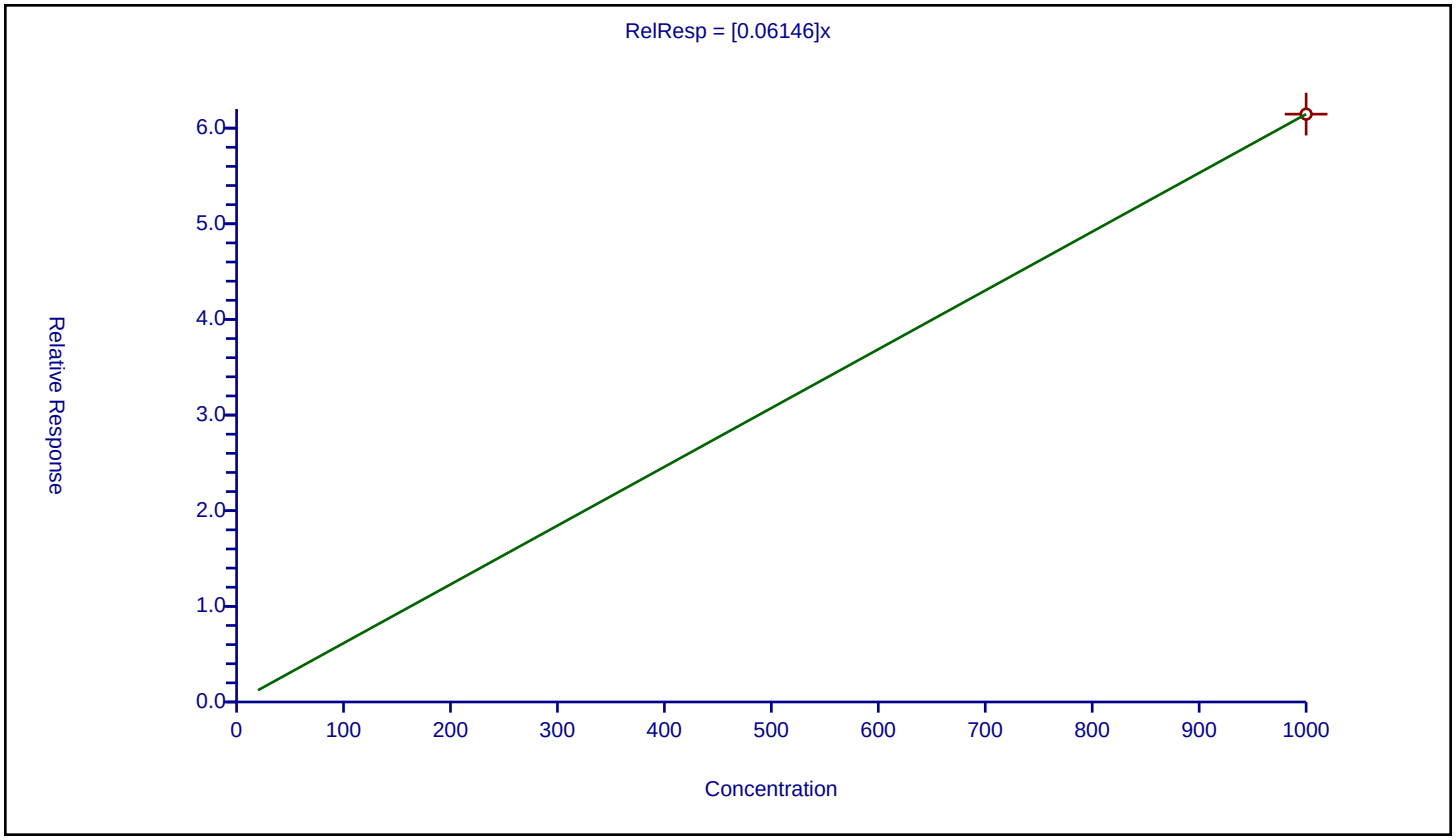
Curve Coefficients

Intercept:	0
Slope:	0.06146

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	1.00

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/14	1000.0	61.46396	20.0	29181028.0	0.061464	Y



Calibration / PCB-1262 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

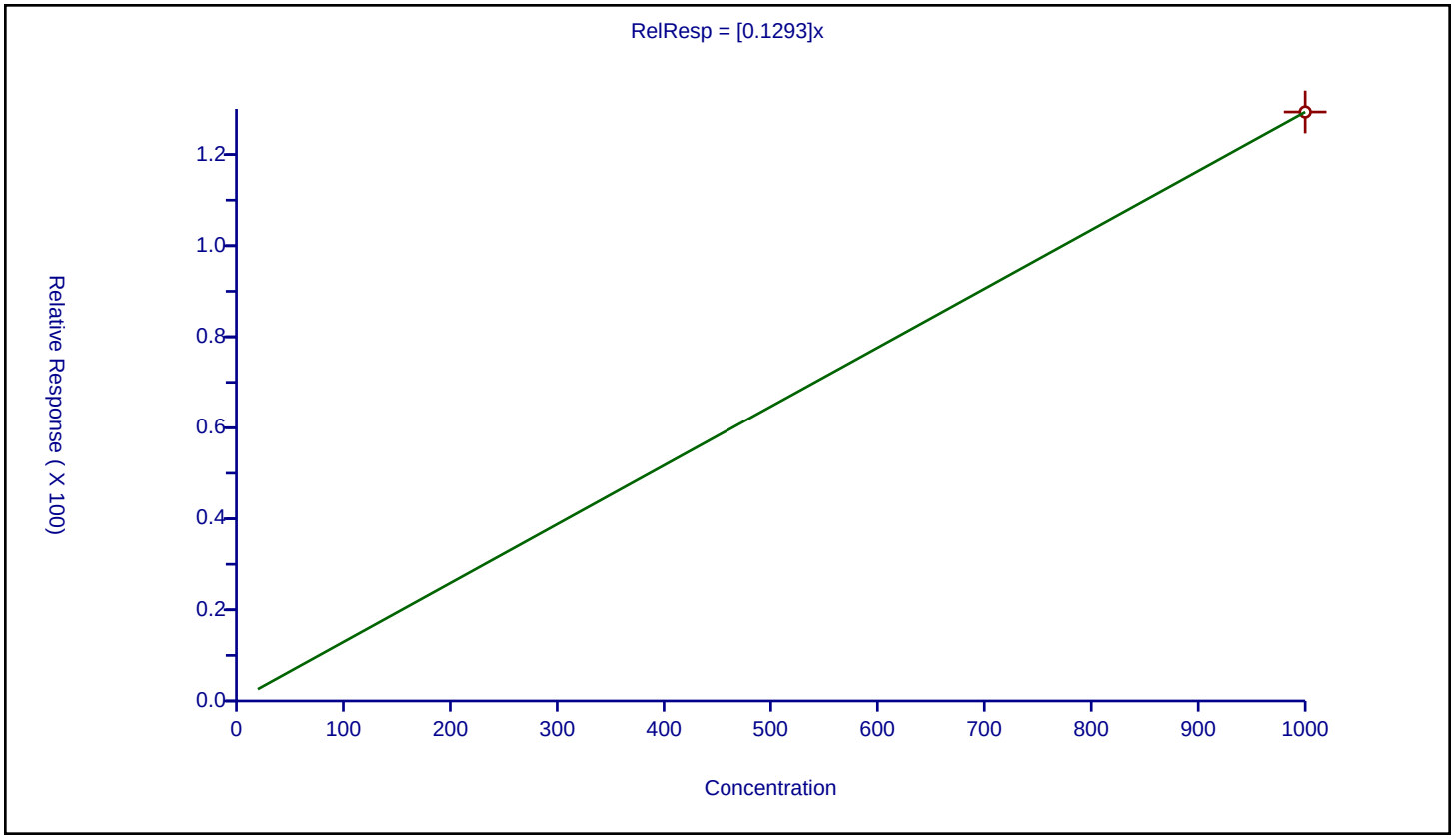
Curve Coefficients

Intercept:	0
Slope:	0.1293

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/14	1000.0	129.332809	20.0	29181028.0	0.129333	Y



Calibration / PCB-1262 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

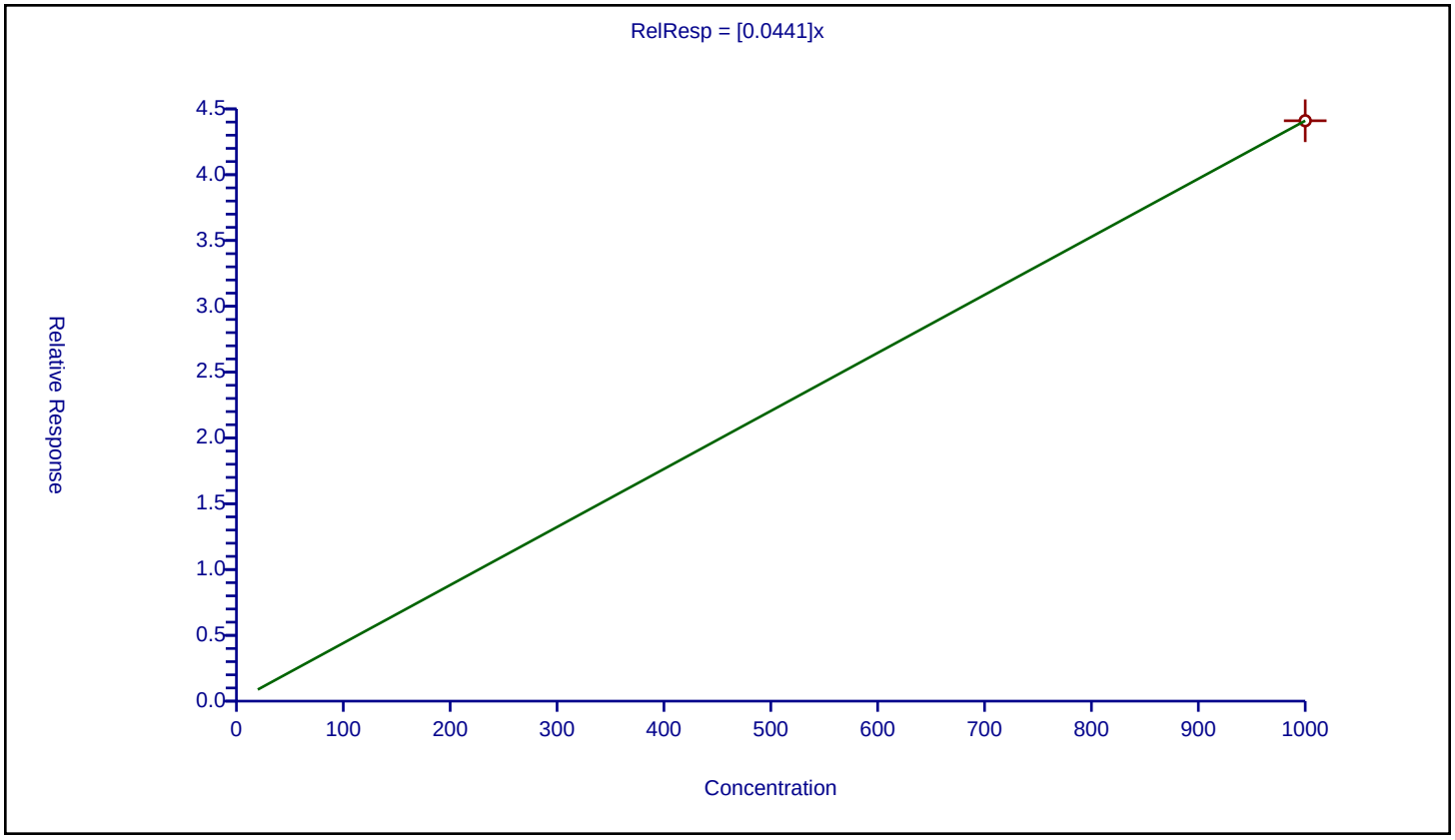
Curve Coefficients

Intercept:	0
Slope:	0.0441

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/14	1000.0	44.10027	20.0	29181028.0	0.0441	Y



Calibration / PCB-1262 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

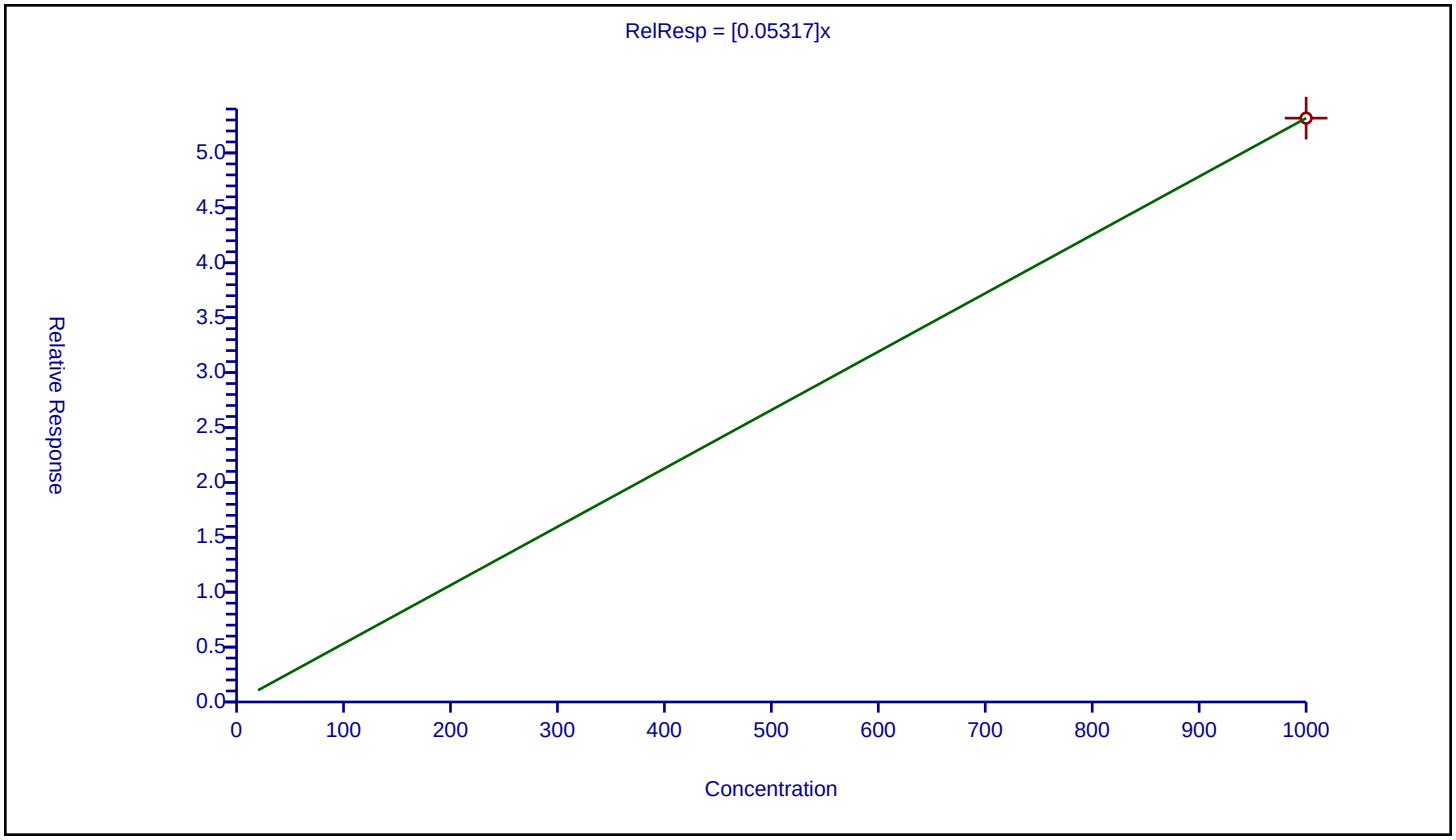
Curve Coefficients

Intercept:	0
Slope:	0.05317

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/14	1000.0	53.168923	20.0	29181028.0	0.053169	Y



Calibration / PCB-1262 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

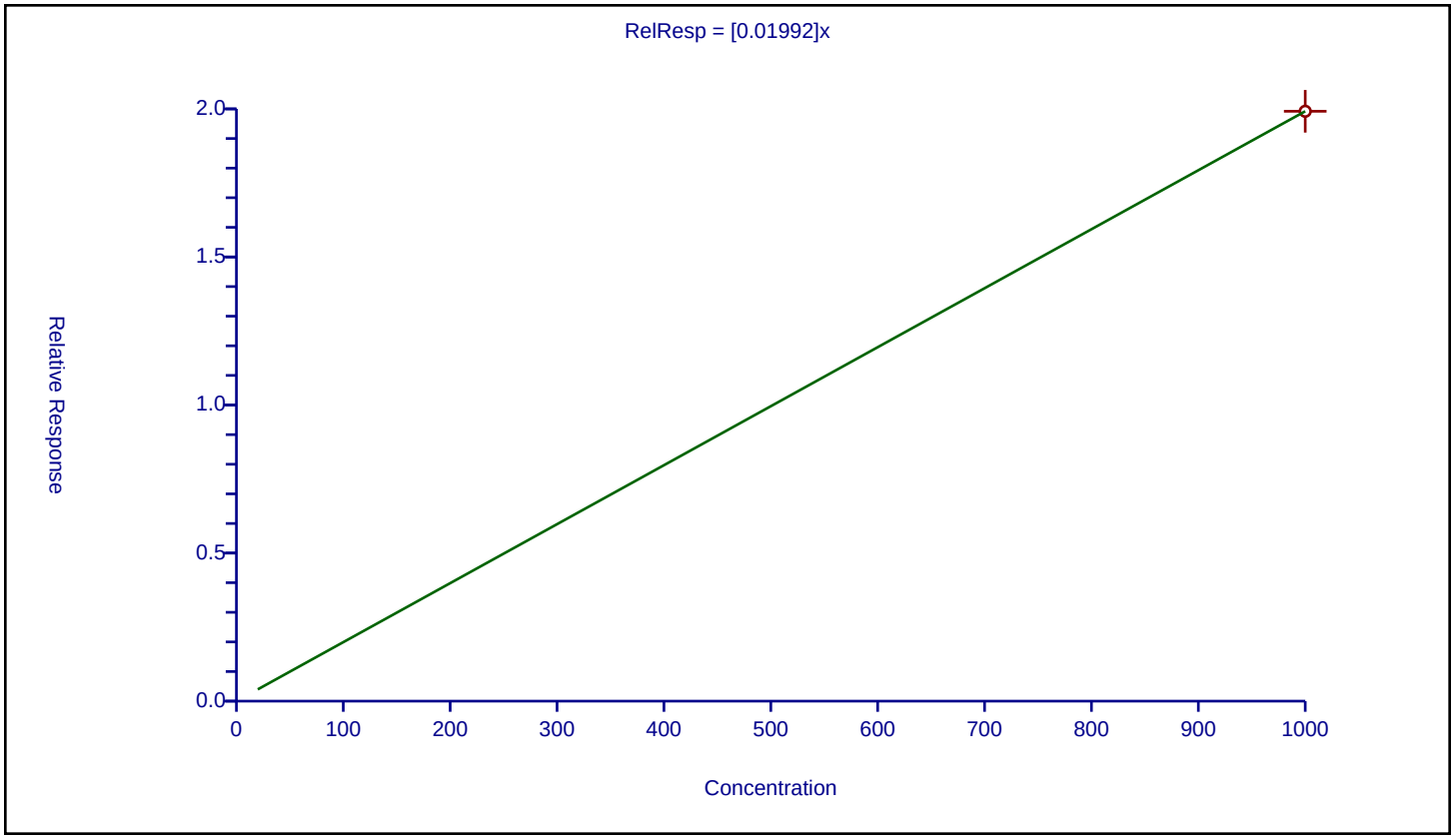
Curve Coefficients

Intercept:	0
Slope:	0.01992

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/14	1000.0	19.919467	20.0	29181028.0	0.019919	Y



Calibration / PCB-1262 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

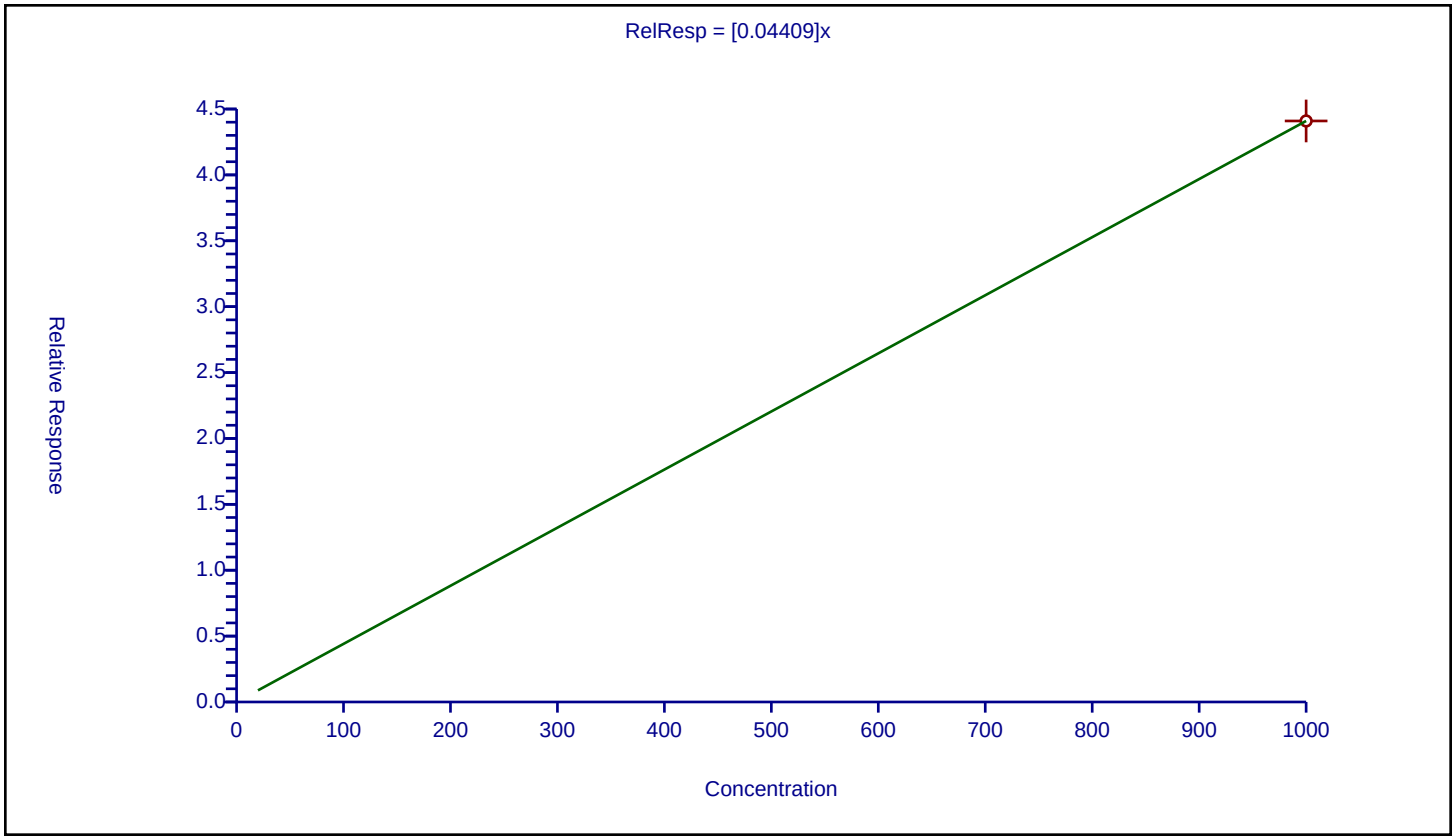
Curve Coefficients

Intercept:	0
Slope:	0.04409

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/14	1000.0	44.092962	20.0	29181028.0	0.044093	Y



Calibration / PCB-1262 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

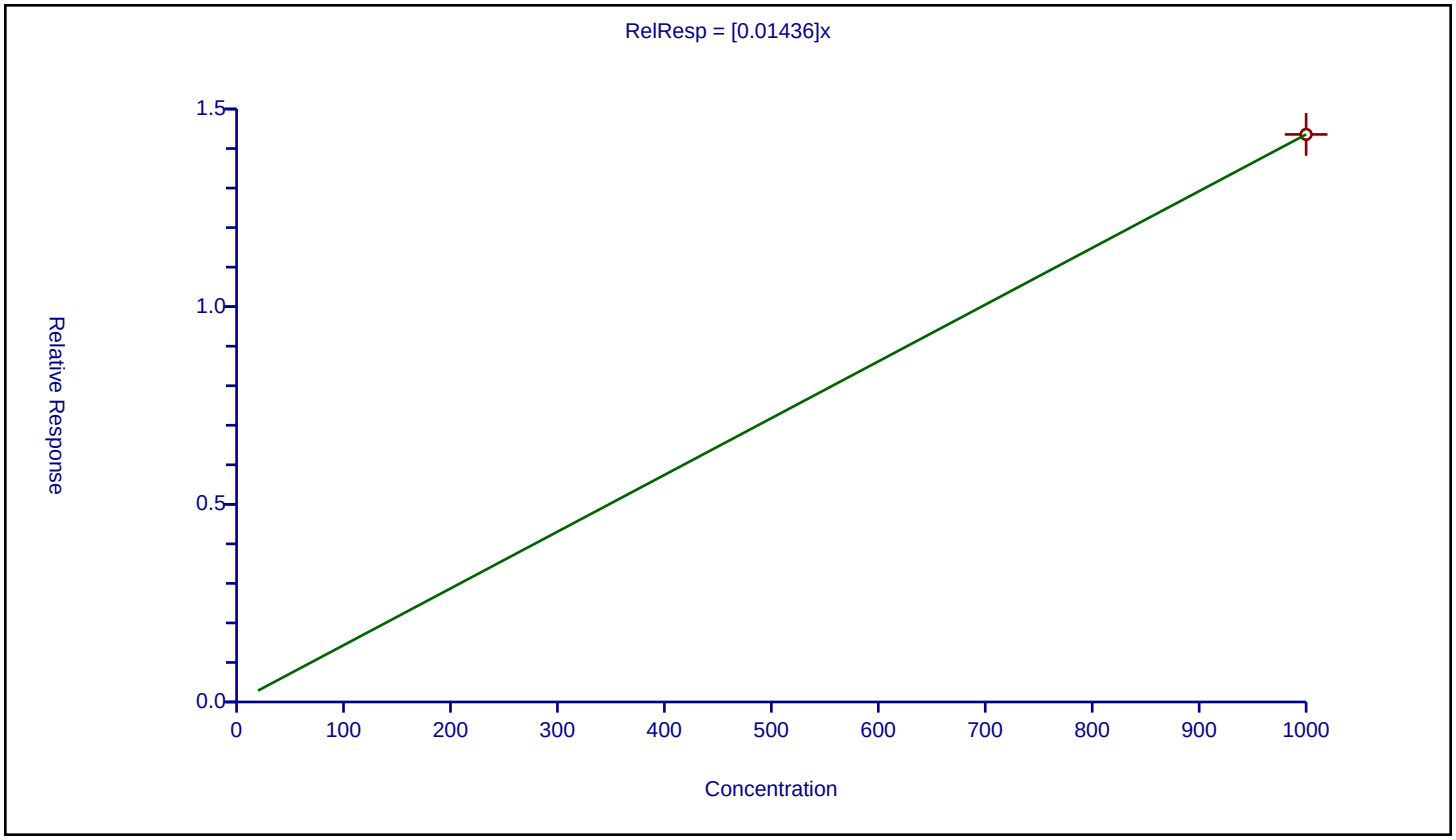
Curve Coefficients

Intercept:	0
Slope:	0.01436

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/14	1000.0	14.357895	20.0	29181028.0	0.014358	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 22:09 Calibration End Date: 03/02/2022 22:09 Calibration ID: 89449

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/15	14F0021119.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1268 Peak 1	0.0213					Ave		0.0213						20.0			
PCB-1268 Peak 2	0.0272					Ave		0.0272						20.0			
PCB-1268 Peak 3	0.1058					Ave		0.1058						20.0			
PCB-1268 Peak 4	0.0976					Ave		0.0976						20.0			
PCB-1268 Peak 5	0.0798					Ave		0.0798						20.0			
PCB-1268 Peak 6	0.0211					Ave		0.0211						20.0			
PCB-1268 Peak 7	0.0338					Ave		0.0338						20.0			
PCB-1268 Peak 8	0.2514					Ave		0.2514						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-255715-1 | Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 | GC Column: Rtx-CLP | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 22:09 | Calibration End Date: 03/02/2022 22:09 | Calibration ID: 89449

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/15	14F0021119.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	20229684					1000				
PCB-1268 Peak 2	BNB	Ave	25862961					1000				
PCB-1268 Peak 3	BNB	Ave	100460690					1000				
PCB-1268 Peak 4	BNB	Ave	92695290					1000				
PCB-1268 Peak 5	BNB	Ave	75786385					1000				
PCB-1268 Peak 6	BNB	Ave	20029429					1000				
PCB-1268 Peak 7	BNB	Ave	32074304					1000				
PCB-1268 Peak 8	BNB	Ave	238783501					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021119.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 22:09:27 ALS Bottle#: 18 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub8

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:32 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:21:20

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.754	1.754	0.000	18998548	20.0	20.0	
2	1.543	1.543	0.000	29676379	20.0	20.0	M
						RPD = 0.00	
10 PCB-1268							M
1	8.397	8.397	0.000	20229684	1000.0	1000.0	
1	9.031	9.031	0.000	25862961	1000.0	1000.0	
1	10.077	10.077	0.000	100460690	1000.0	1000.0	M
1	10.129	10.129	0.000	92695290	1000.0	1000.0	M
1	10.406	10.406	0.000	75786385	1000.0	1000.0	M
1	10.505	10.505	0.000	20029429	1000.0	1000.0	M
1	10.689	10.689	0.000	32074304	1000.0	1000.0	M
1	10.973	10.973	0.000	238783501	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	6.633	6.633	0.000	37597364	1000.0	1000.0	M
2	7.013	7.013	0.000	49199743	1000.0	1000.0	M
2	8.168	8.168	0.000	227304194	1000.0	1000.0	M
2	8.241	8.241	0.000	210534452	1000.0	1000.0	M
2	8.630	8.630	0.000	179934203	1000.0	1000.0	M
2	8.806	8.806	0.000	49041162	1000.0	1000.0	M
2	9.412	9.412	0.000	77197936	1000.0	1000.0	M
2	9.873	9.873	0.000	559379540	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1268L4_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

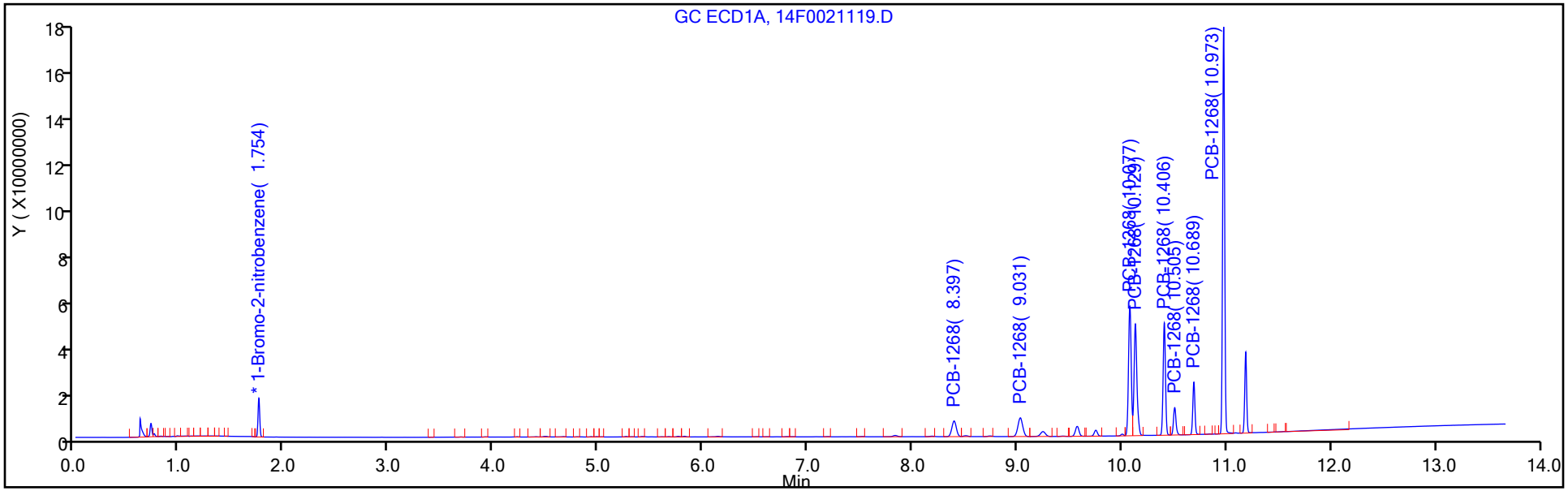
Report Date: 03-Mar-2022 11:14:33 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

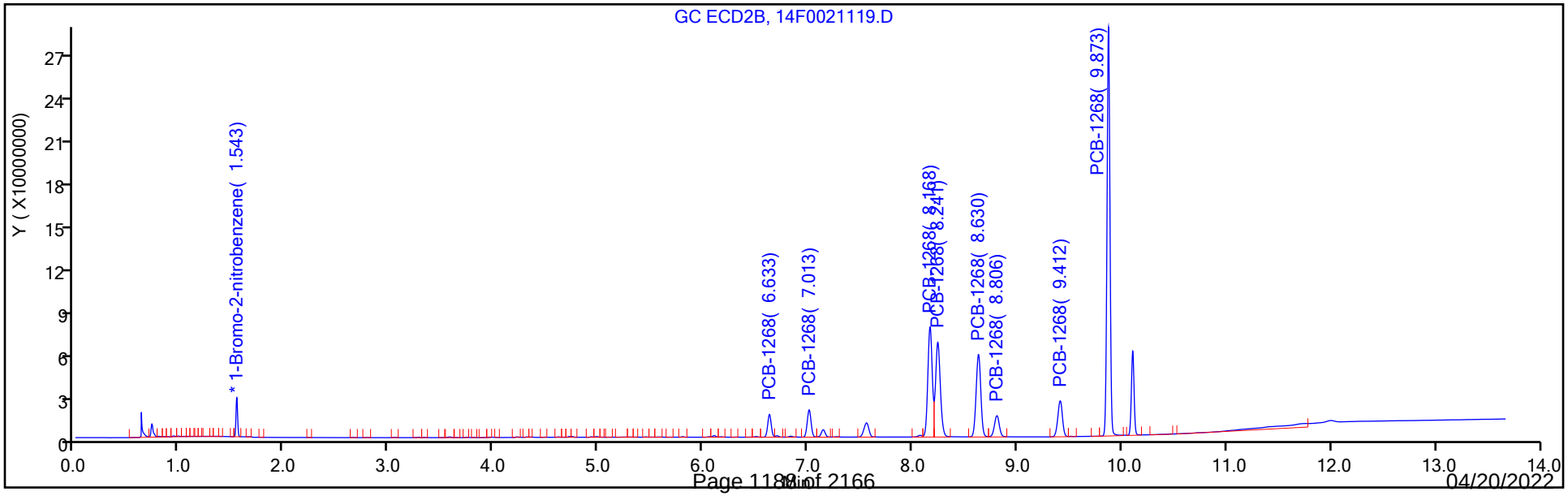
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021119.D

Injection Date:	02-Mar-2022 22:09:27	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC 1268			Worklist Smp#:	15
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)

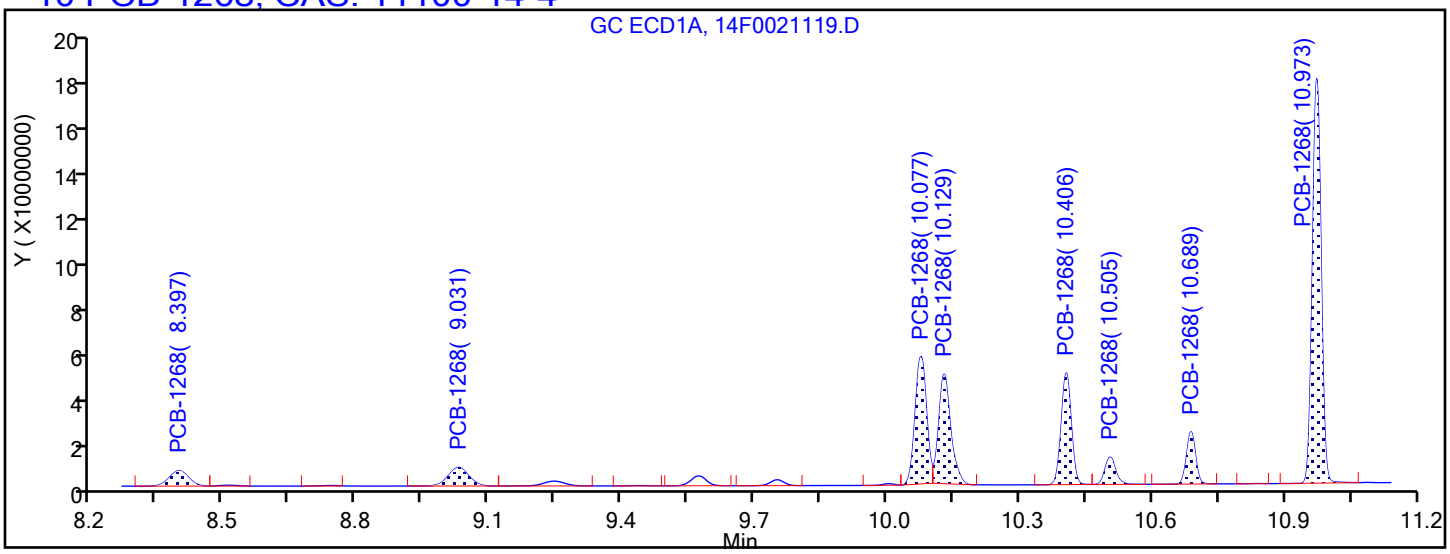


Report Date: 03-Mar-2022 11:14:33 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

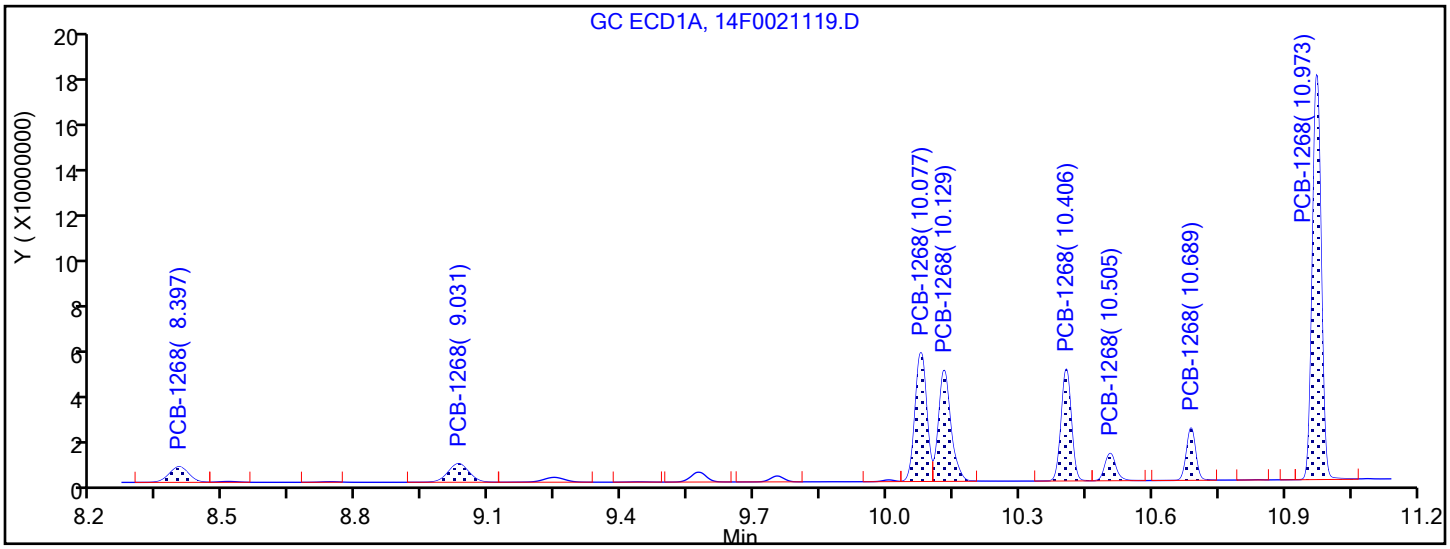
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021119.D
Injection Date: 02-Mar-2022 22:09:27 Instrument ID: CPESTGC14
Lims ID: IC 1268
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

10 PCB-1268, CAS: 11100-14-4



Processing Integration Results

8.397	Response = 20229684
9.031	Response = 25862961
10.077	Response = 98416414
10.129	Response = 89958210
10.406	Response = 75458442
10.505	Response = 19793819
10.689	Response = 31891383
10.973	Response = 238021217



Manual Integration Results

8.397	Response = 20229684	
9.031	Response = 25862961	
10.077	Response = 100460690	M
10.129	Response = 92695290	M
10.406	Response = 75786385	M
10.505	Response = 20029429	M

Calibration / PCB-1268 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

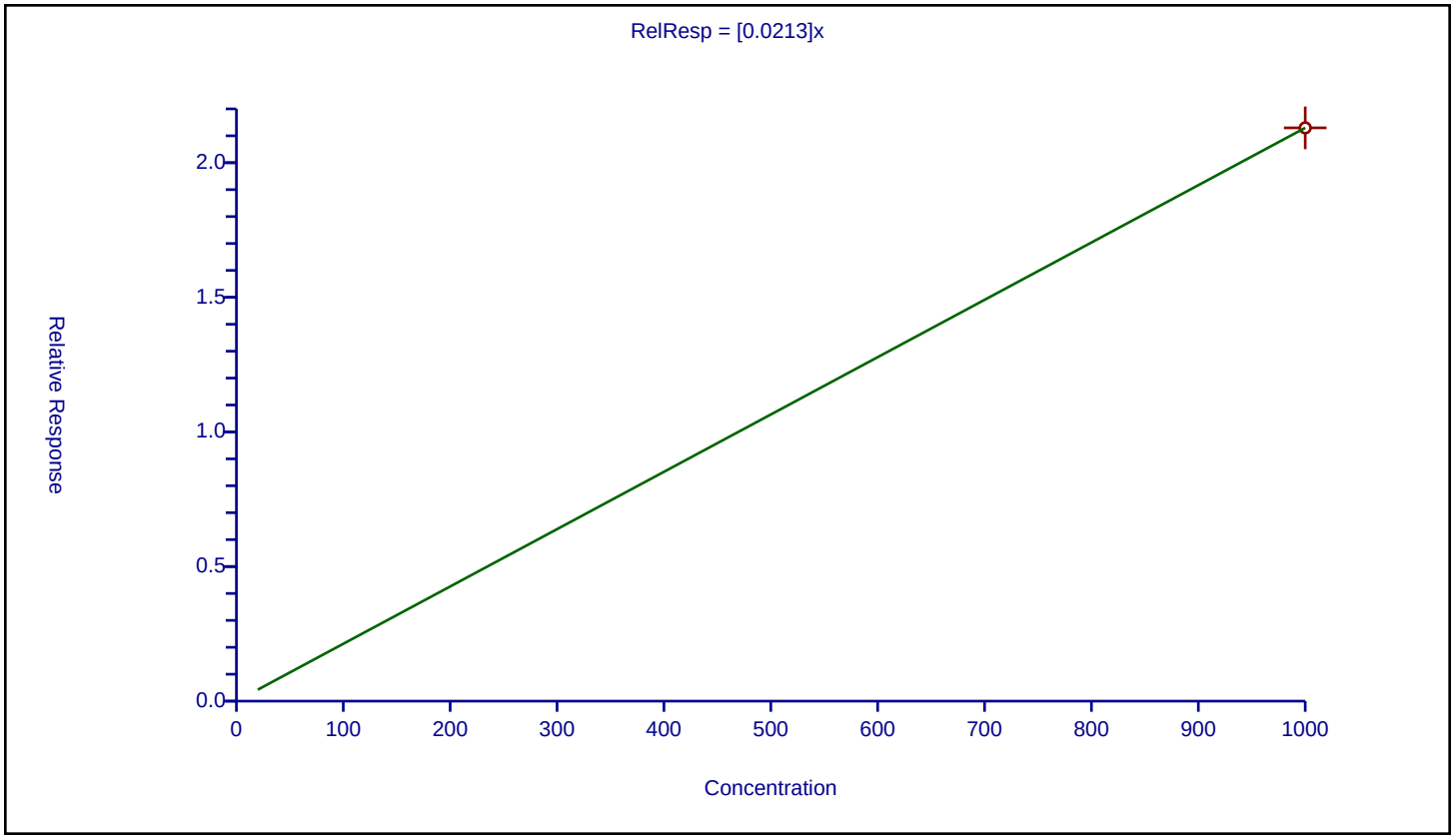
Curve Coefficients

Intercept:	0
Slope:	0.0213

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/15	1000.0	21.296032	20.0	18998548.0	0.021296	Y



Calibration / PCB-1268 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

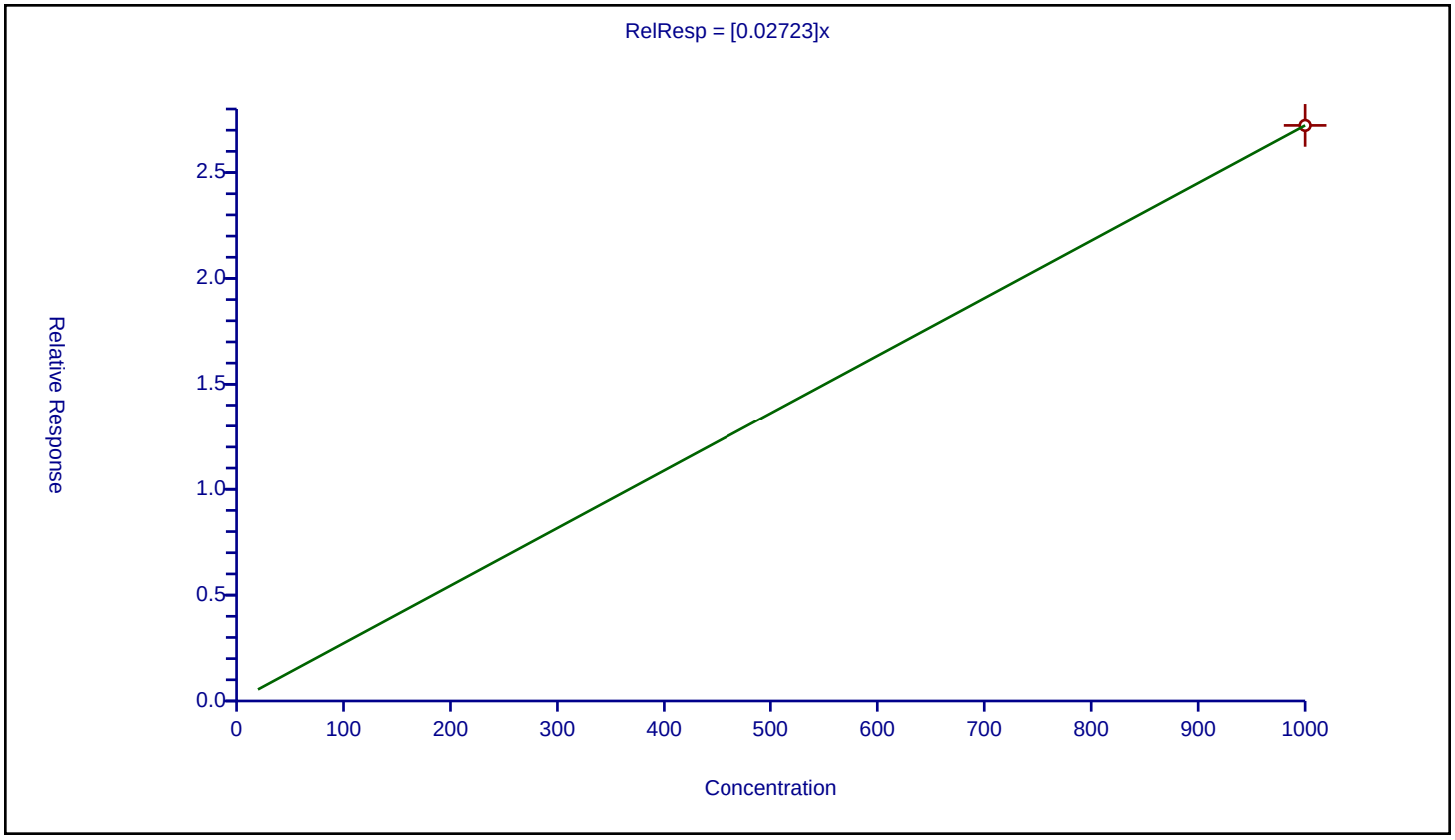
Curve Coefficients

Intercept:	0
Slope:	0.02723

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/15	1000.0	27.22625	20.0	18998548.0	0.027226	Y



Calibration / PCB-1268 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

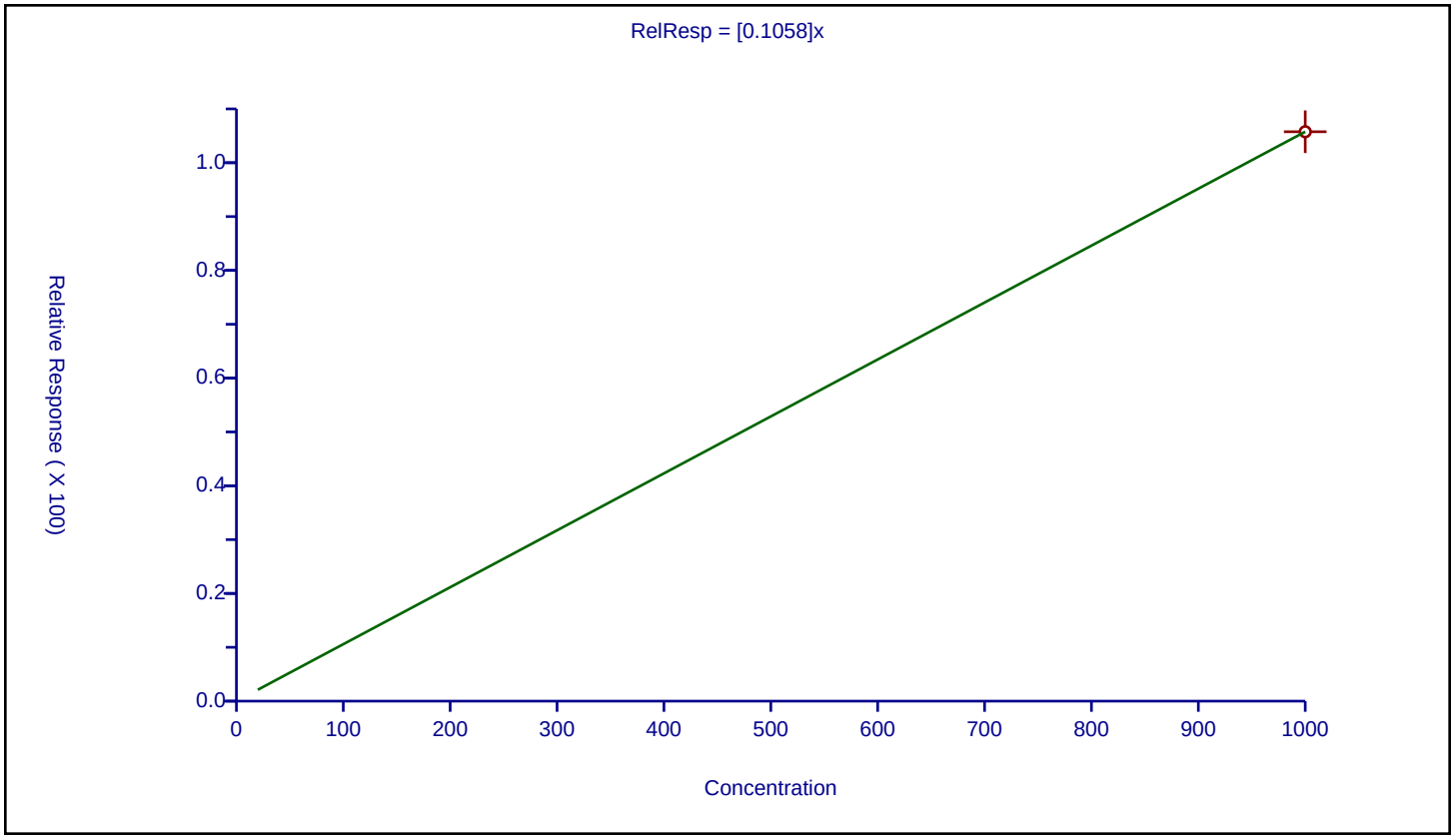
Curve Coefficients

Intercept:	0
Slope:	0.1058

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/15	1000.0	105.756177	20.0	18998548.0	0.105756	Y



Calibration / PCB-1268 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

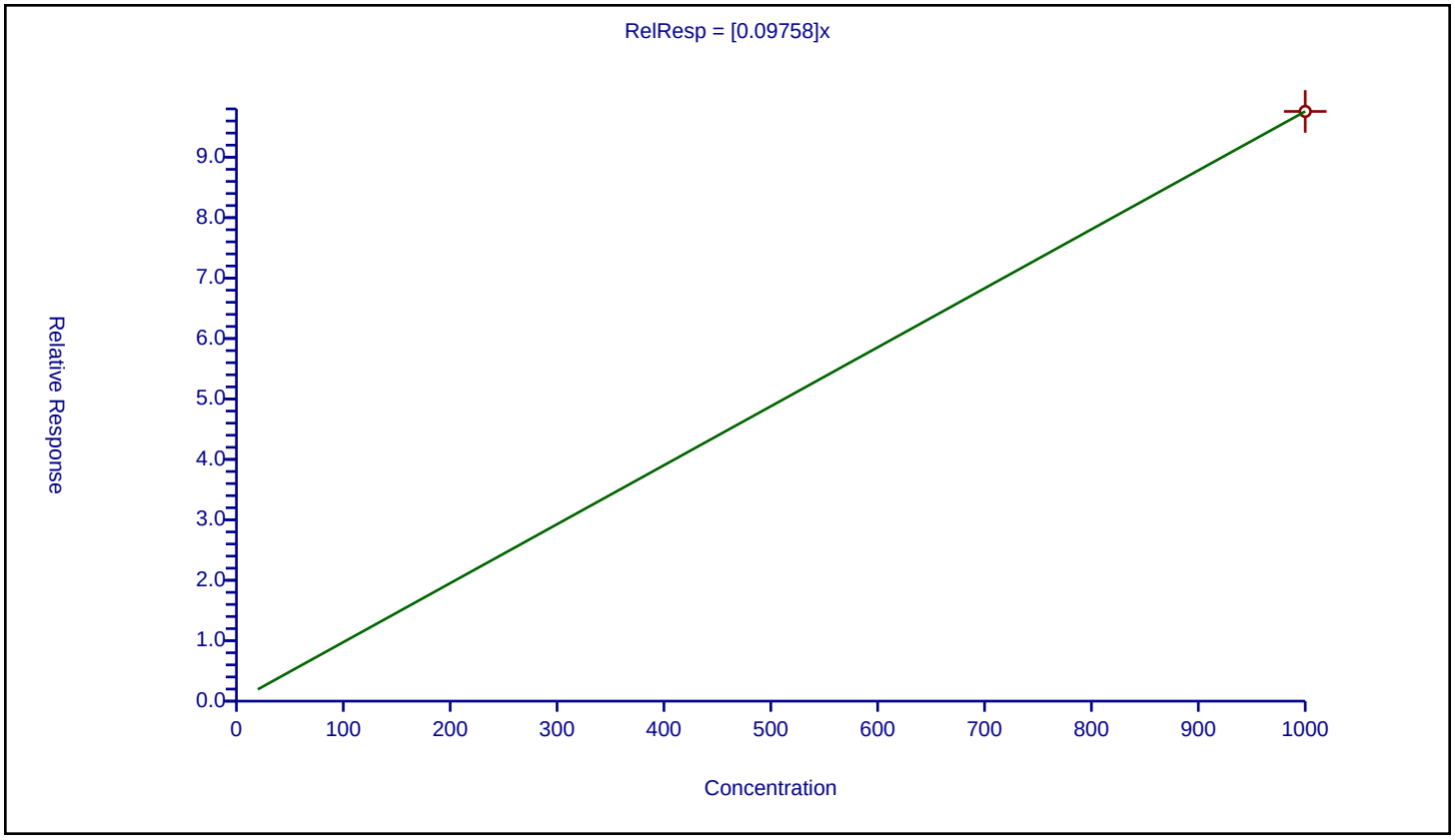
Curve Coefficients

Intercept:	0
Slope:	0.09758

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/15	1000.0	97.581447	20.0	18998548.0	0.097581	Y



Calibration / PCB-1268 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

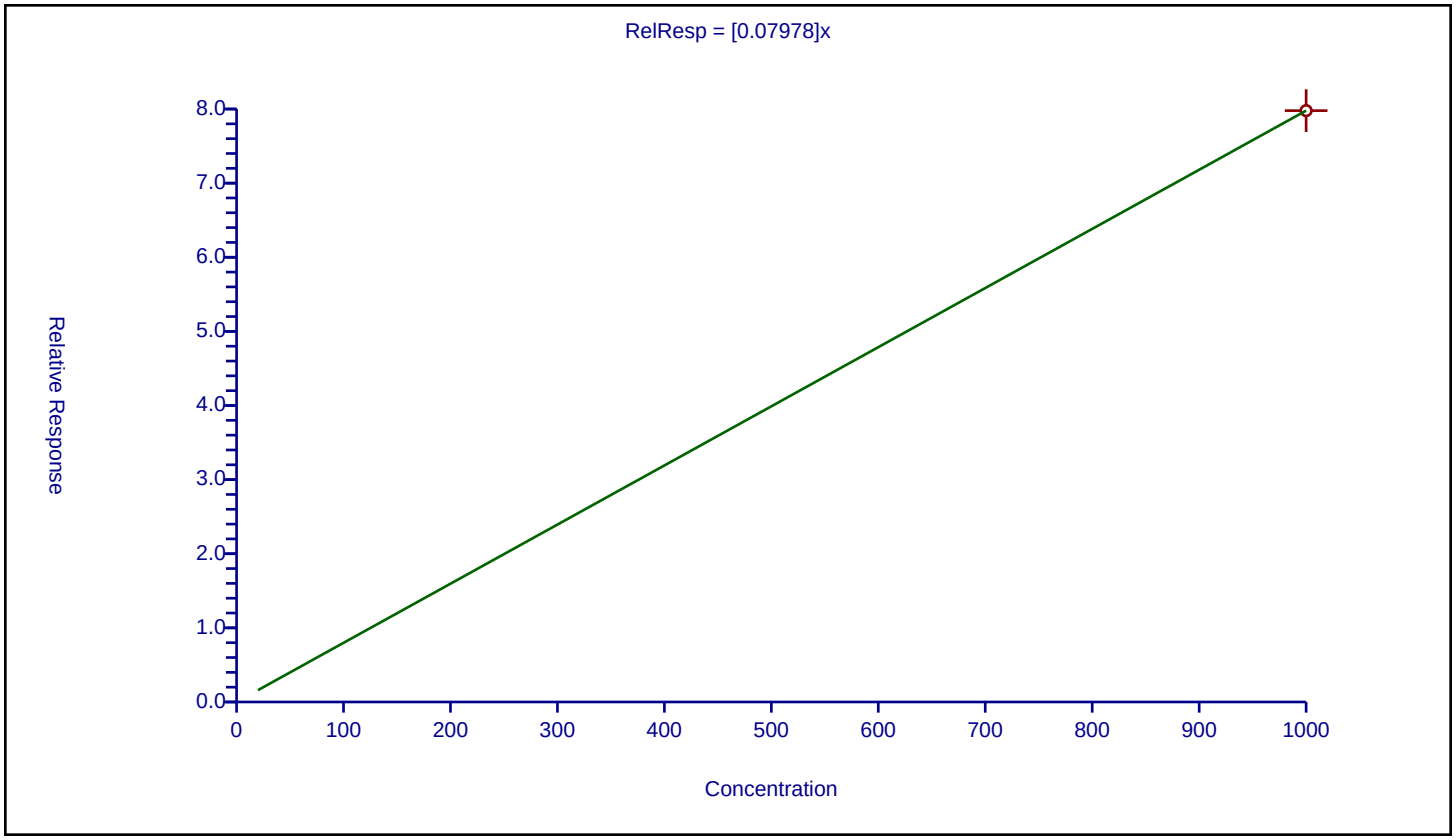
Curve Coefficients

Intercept:	0
Slope:	0.07978

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/15	1000.0	79.781239	20.0	18998548.0	0.079781	Y



Calibration / PCB-1268 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

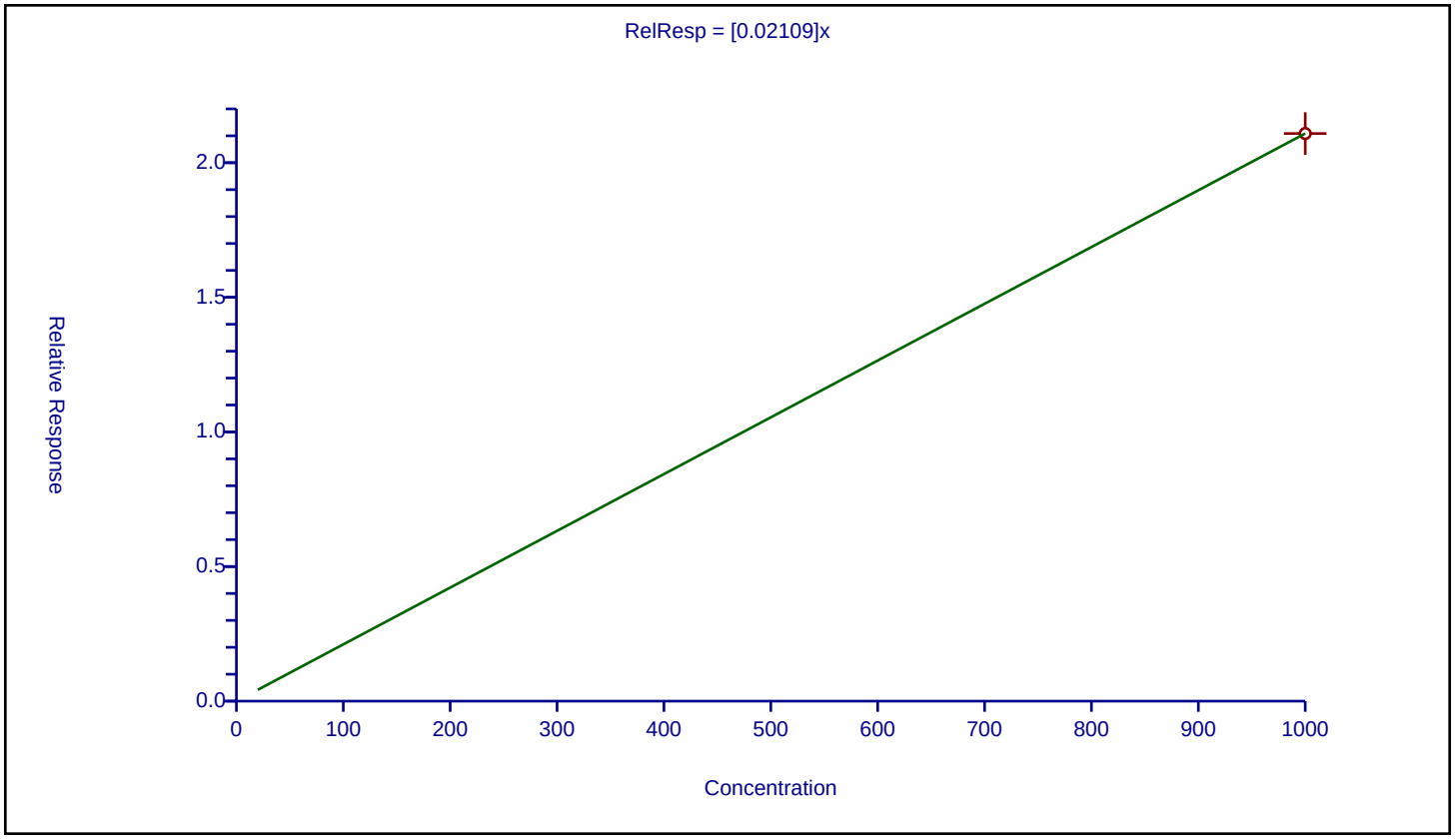
Curve Coefficients

Intercept:	0
Slope:	0.02109

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/15	1000.0	21.085221	20.0	18998548.0	0.021085	Y



Calibration / PCB-1268 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

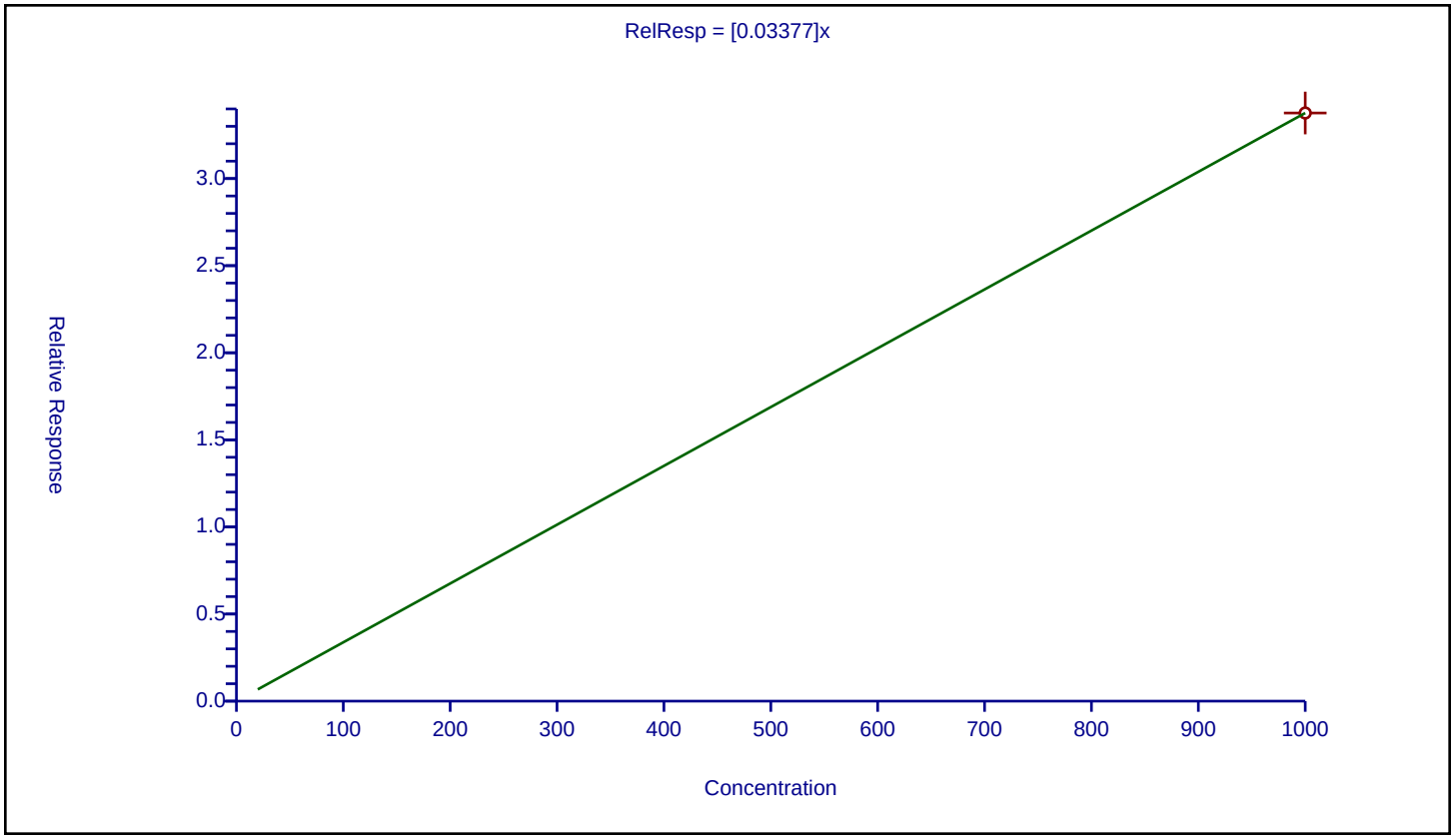
Curve Coefficients

Intercept:	0
Slope:	0.03377

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/15	1000.0	33.765006	20.0	18998548.0	0.033765	Y



Calibration / PCB-1268 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

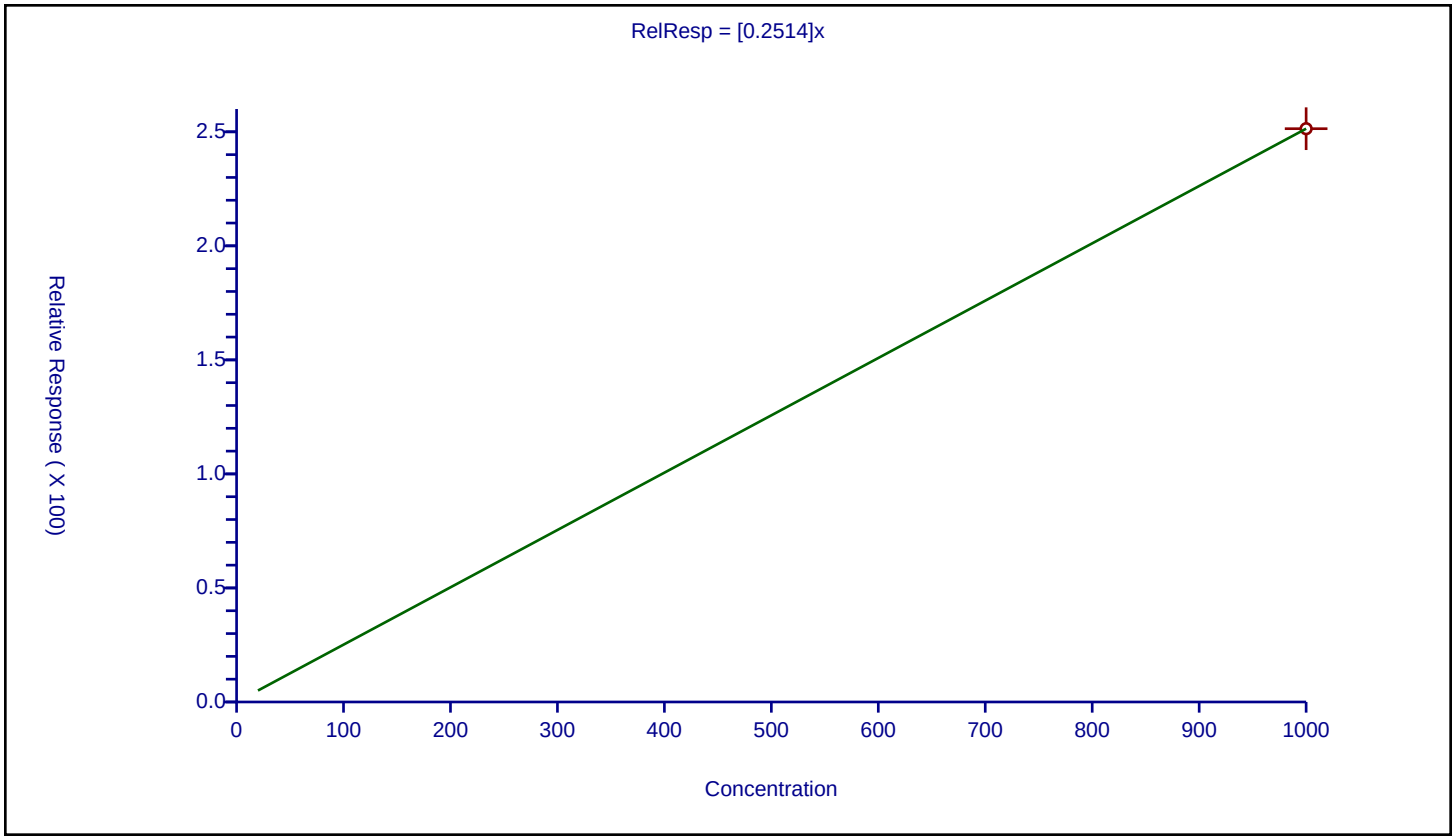
Curve Coefficients

Intercept:	0
Slope:	0.2514

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/15	1000.0	251.370264	20.0	18998548.0	0.25137	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-255715-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 22:09 Calibration End Date: 03/02/2022 22:09 Calibration ID: 89450

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/15	14F0021119.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1268 Peak 1	0.0253					Ave		0.0253						20.0			
PCB-1268 Peak 2	0.0332					Ave		0.0332						20.0			
PCB-1268 Peak 3	0.1532					Ave		0.1532						20.0			
PCB-1268 Peak 4	0.1419					Ave		0.1419						20.0			
PCB-1268 Peak 5	0.1213					Ave		0.1213						20.0			
PCB-1268 Peak 6	0.0331					Ave		0.0331						20.0			
PCB-1268 Peak 7	0.0520					Ave		0.0520						20.0			
PCB-1268 Peak 8	0.3770					Ave		0.3770						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-255715-1 | Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 | GC Column: CLP-2 | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 22:09 | Calibration End Date: 03/02/2022 22:09 | Calibration ID: 89450

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/15	14F0021119.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	37597364					1000				
PCB-1268 Peak 2	BNB	Ave	49199743					1000				
PCB-1268 Peak 3	BNB	Ave	227304194					1000				
PCB-1268 Peak 4	BNB	Ave	210534452					1000				
PCB-1268 Peak 5	BNB	Ave	179934203					1000				
PCB-1268 Peak 6	BNB	Ave	49041162					1000				
PCB-1268 Peak 7	BNB	Ave	77197936					1000				
PCB-1268 Peak 8	BNB	Ave	559379540					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021119.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 22:09:27 ALS Bottle#: 18 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub8

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:32 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:21:20

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.754	1.754	0.000	18998548	20.0	20.0	
2	1.543	1.543	0.000	29676379	20.0	20.0	M
						RPD = 0.00	
10 PCB-1268							M
1	8.397	8.397	0.000	20229684	1000.0	1000.0	
1	9.031	9.031	0.000	25862961	1000.0	1000.0	
1	10.077	10.077	0.000	100460690	1000.0	1000.0	M
1	10.129	10.129	0.000	92695290	1000.0	1000.0	M
1	10.406	10.406	0.000	75786385	1000.0	1000.0	M
1	10.505	10.505	0.000	20029429	1000.0	1000.0	M
1	10.689	10.689	0.000	32074304	1000.0	1000.0	M
1	10.973	10.973	0.000	238783501	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	6.633	6.633	0.000	37597364	1000.0	1000.0	M
2	7.013	7.013	0.000	49199743	1000.0	1000.0	M
2	8.168	8.168	0.000	227304194	1000.0	1000.0	M
2	8.241	8.241	0.000	210534452	1000.0	1000.0	M
2	8.630	8.630	0.000	179934203	1000.0	1000.0	M
2	8.806	8.806	0.000	49041162	1000.0	1000.0	M
2	9.412	9.412	0.000	77197936	1000.0	1000.0	M
2	9.873	9.873	0.000	559379540	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1268L4_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

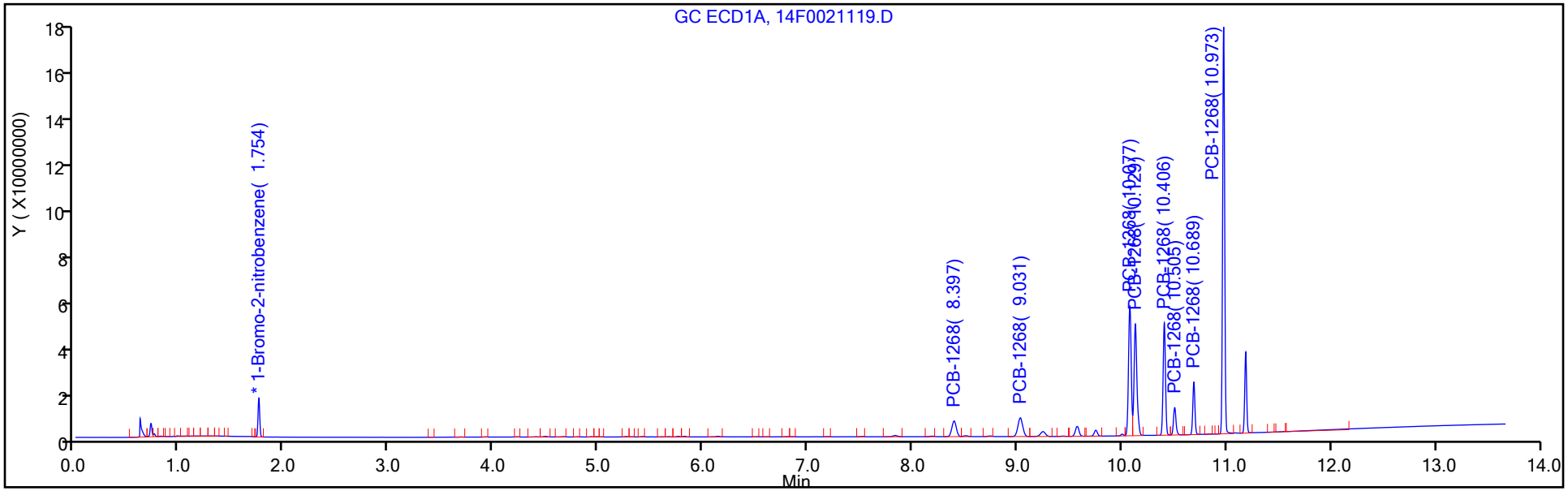
Report Date: 03-Mar-2022 11:14:33 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

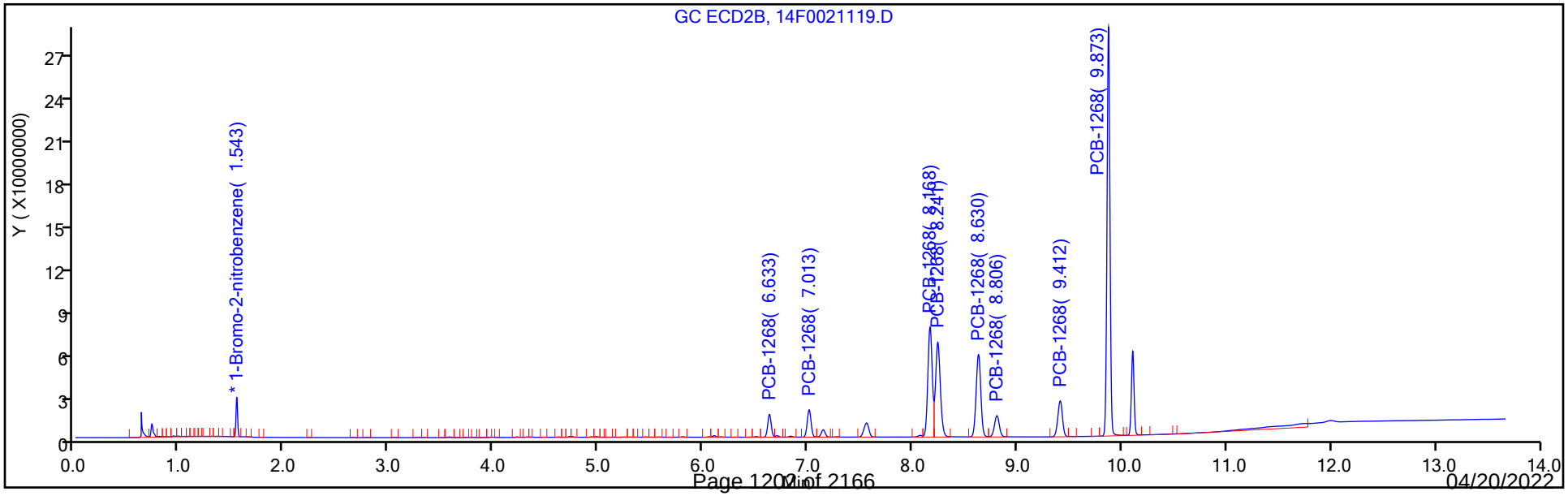
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021119.D

Injection Date:	02-Mar-2022 22:09:27	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC 1268			Worklist Smp#:	15
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

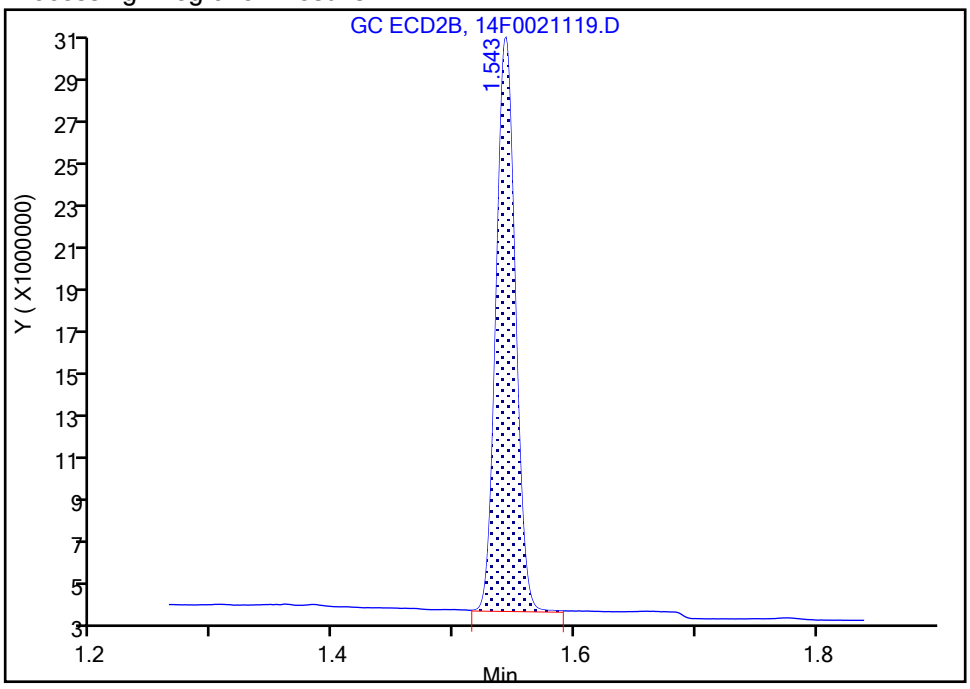
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021119.D
Injection Date: 02-Mar-2022 22:09:27 Instrument ID: CPESTGC14
Lims ID: IC 1268
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

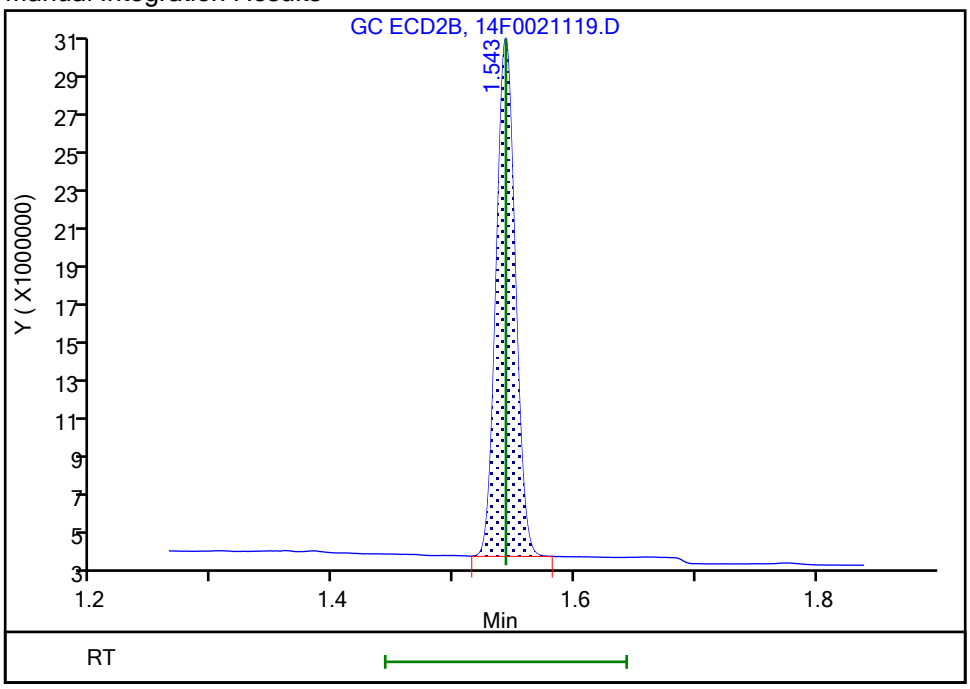
Processing Integration Results

RT: 1.54
Area: 29897183
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.54
Area: 29676379
Amount: 20.000000
Amount Units: ug/l



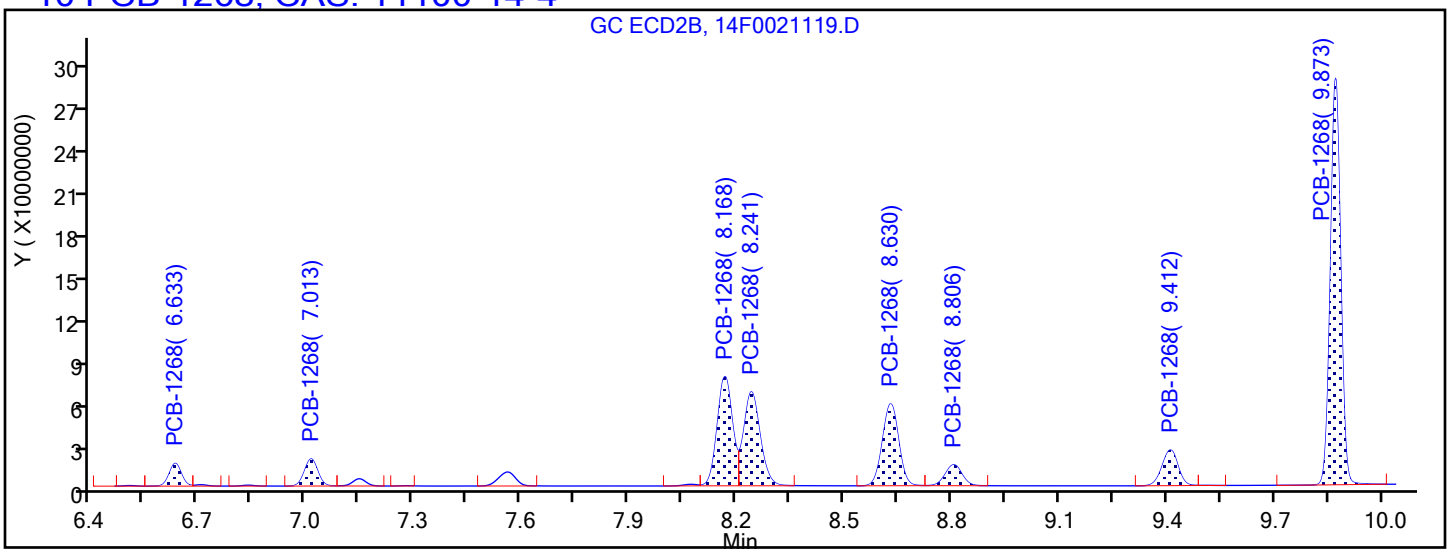
Reviewer: patelji, 03-Mar-2022 10:21:14
Audit Action: Manually Integrated Audit Reason: Peak not integrated

Report Date: 03-Mar-2022 11:14:33 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

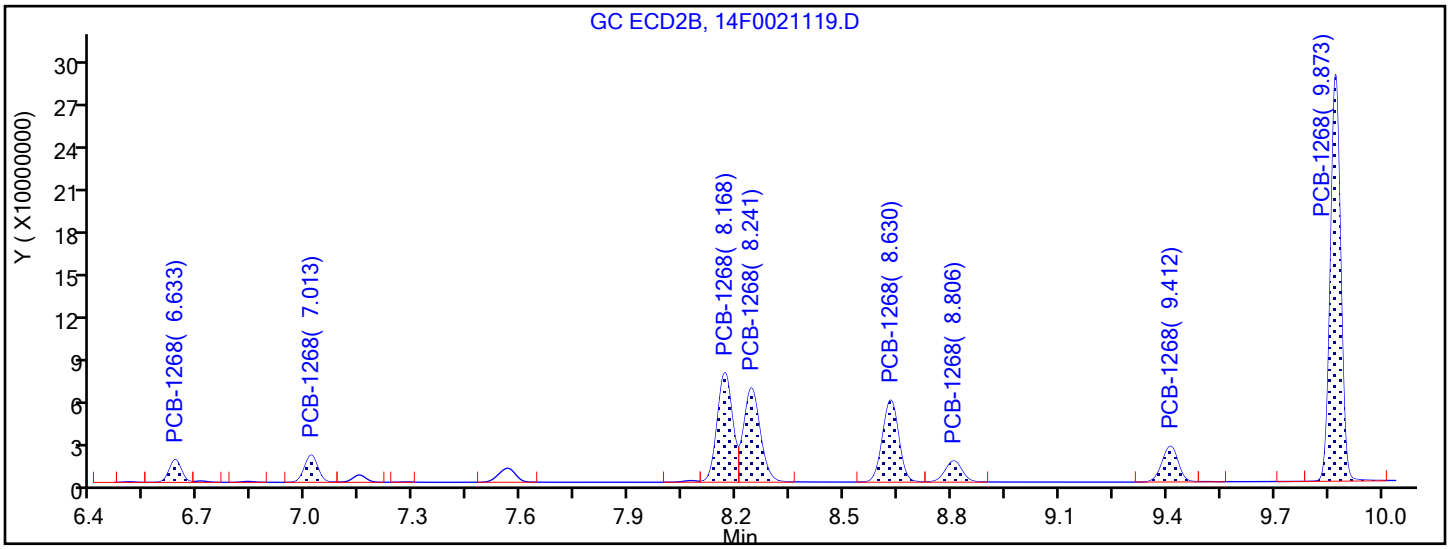
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021119.D
Injection Date: 02-Mar-2022 22:09:27 Instrument ID: CPESTGC14
Lims ID: IC 1268
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

10 PCB-1268, CAS: 11100-14-4



Processing Integration Results

6.633	Response = 37486979
7.013	Response = 48834504
8.168	Response = 226621120
8.241	Response = 209459814
8.630	Response = 178682899
8.806	Response = 47770185
9.412	Response = 76848773
9.873	Response = 557860227



Manual Integration Results

6.633	Response = 37597364	M
7.013	Response = 49199743	M
8.168	Response = 227304194	M
8.241	Response = 210534452	M
8.630	Response = 179934203	M
8.806	Response = 49041162	M

Calibration / PCB-1268 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

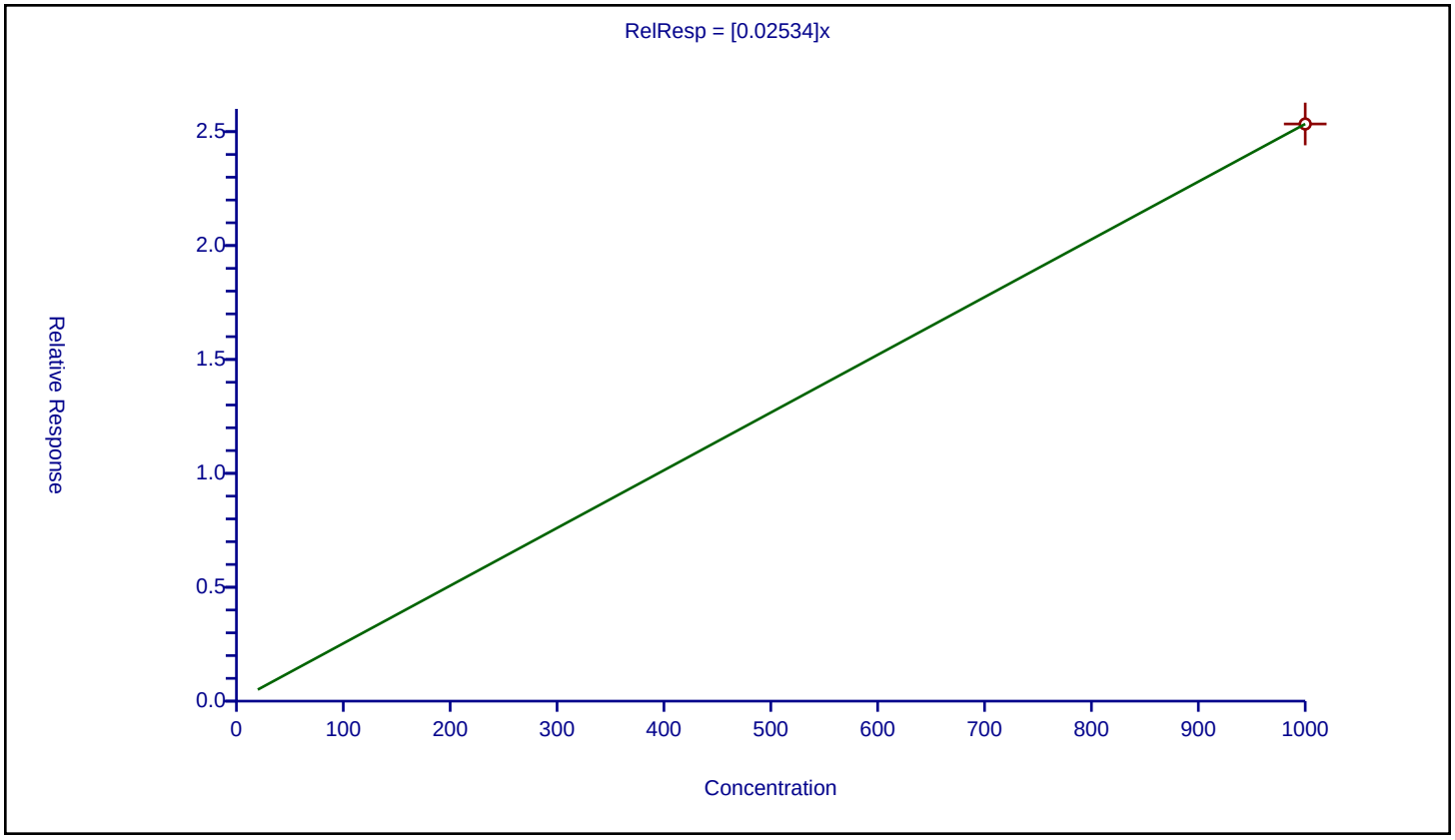
Curve Coefficients

Intercept:	0
Slope:	0.02534

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/15	1000.0	25.338242	20.0	29676379.0	0.025338	Y



Calibration / PCB-1268 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

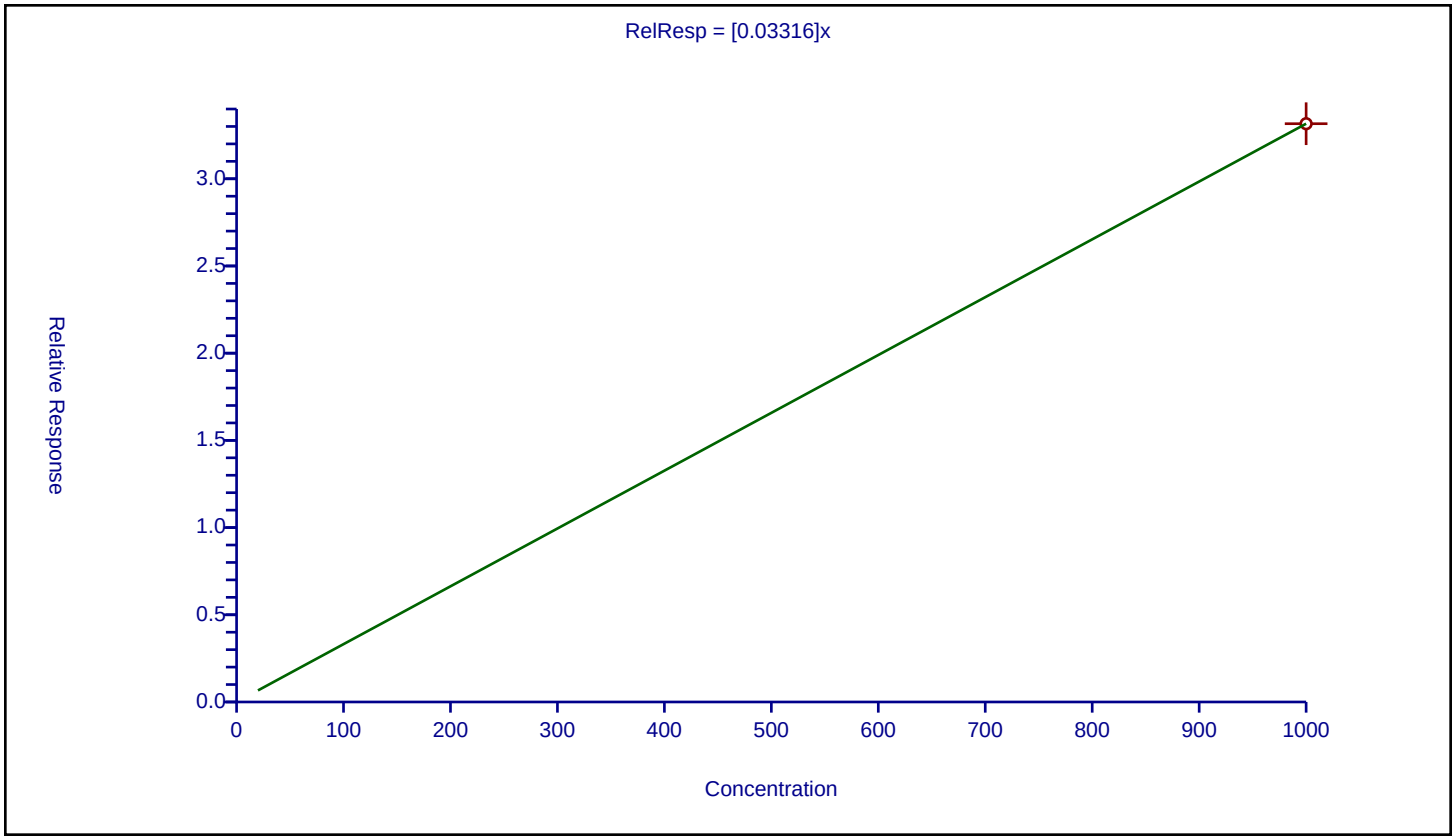
Curve Coefficients

Intercept:	0
Slope:	0.03316

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/15	1000.0	33.157511	20.0	29676379.0	0.033158	Y



Calibration / PCB-1268 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

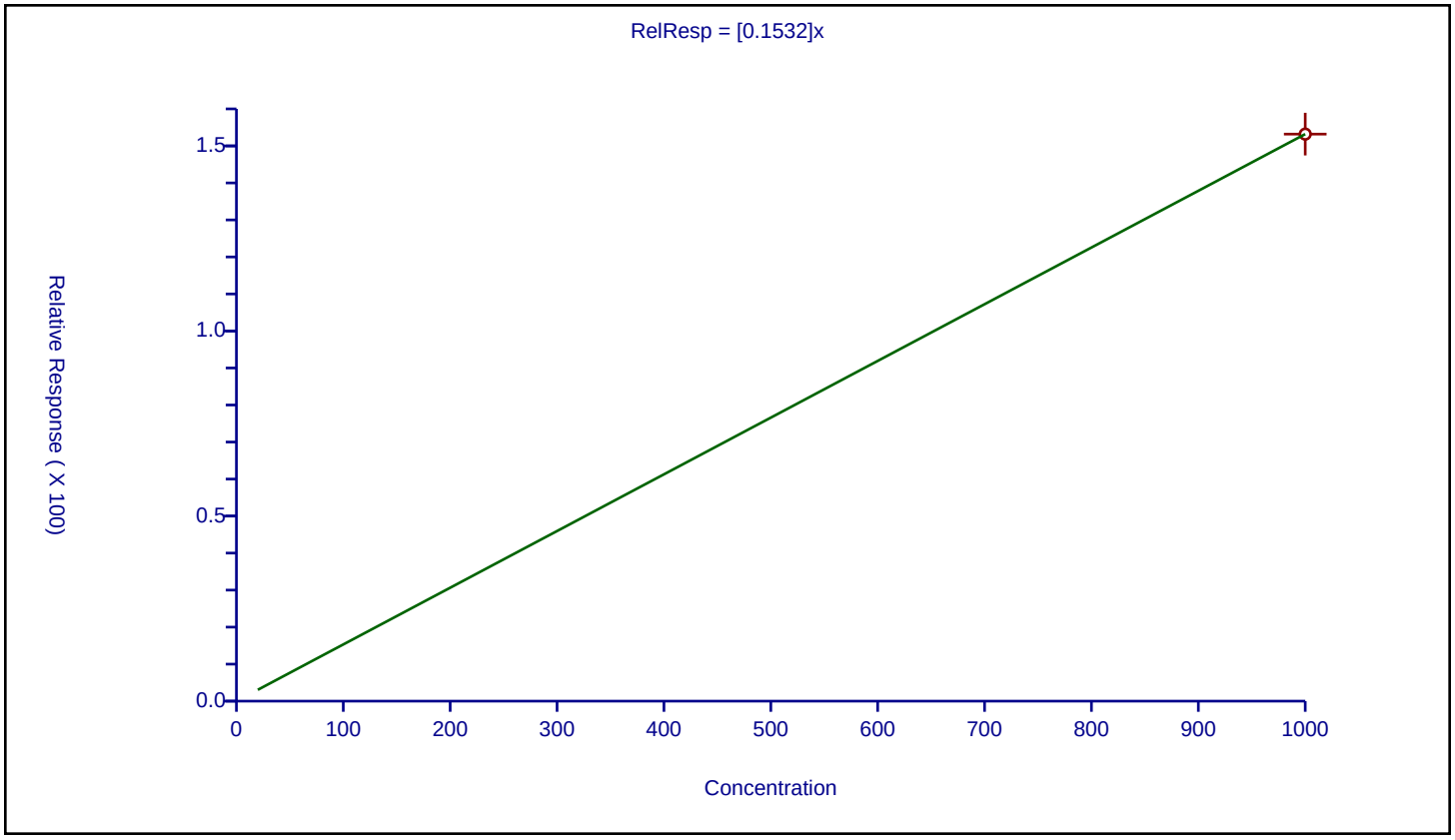
Curve Coefficients

Intercept:	0
Slope:	0.1532

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/15	1000.0	153.188631	20.0	29676379.0	0.153189	Y



Calibration / PCB-1268 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

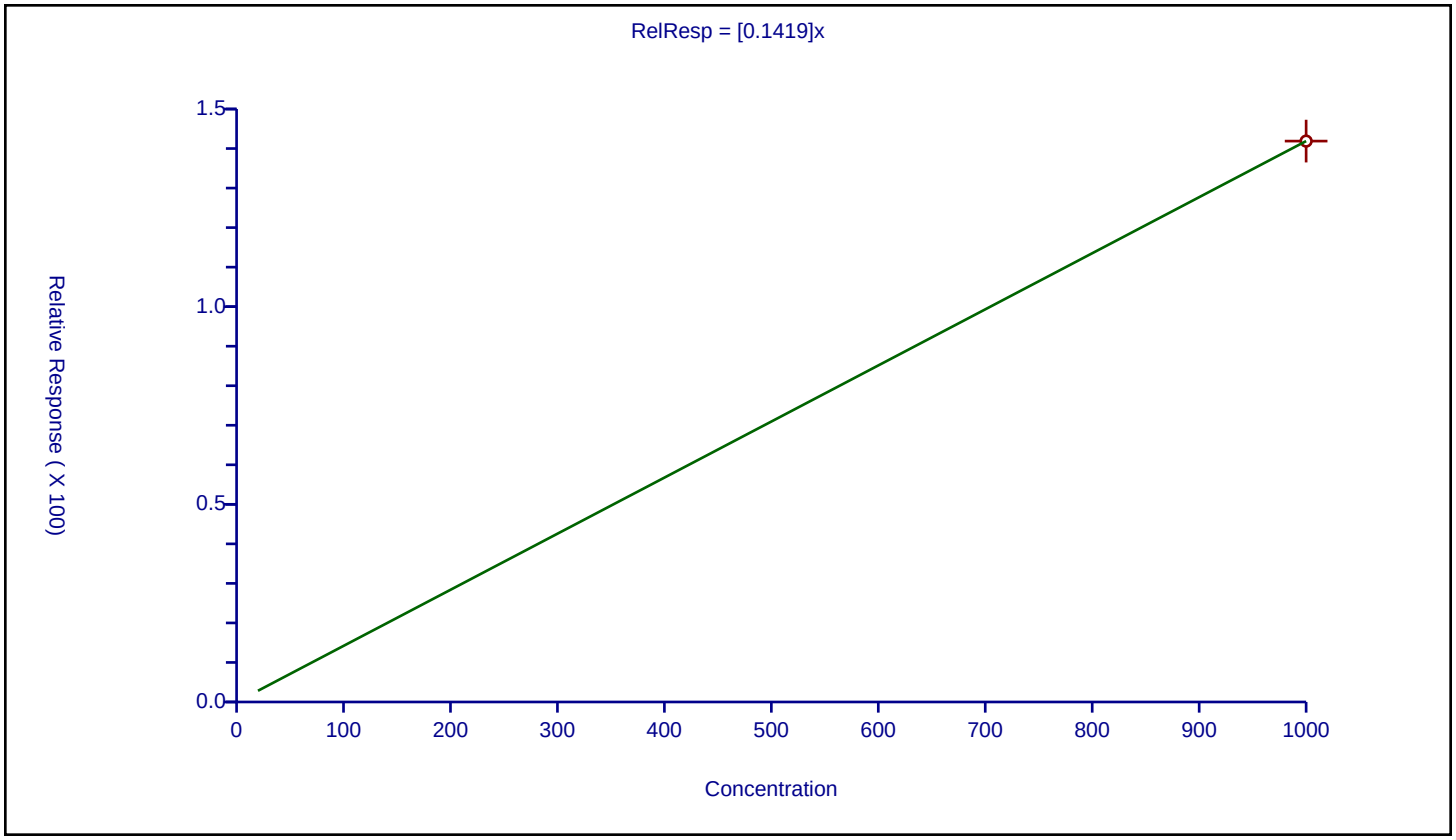
Curve Coefficients

Intercept:	0
Slope:	0.1419

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/15	1000.0	141.886887	20.0	29676379.0	0.141887	Y



Calibration / PCB-1268 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

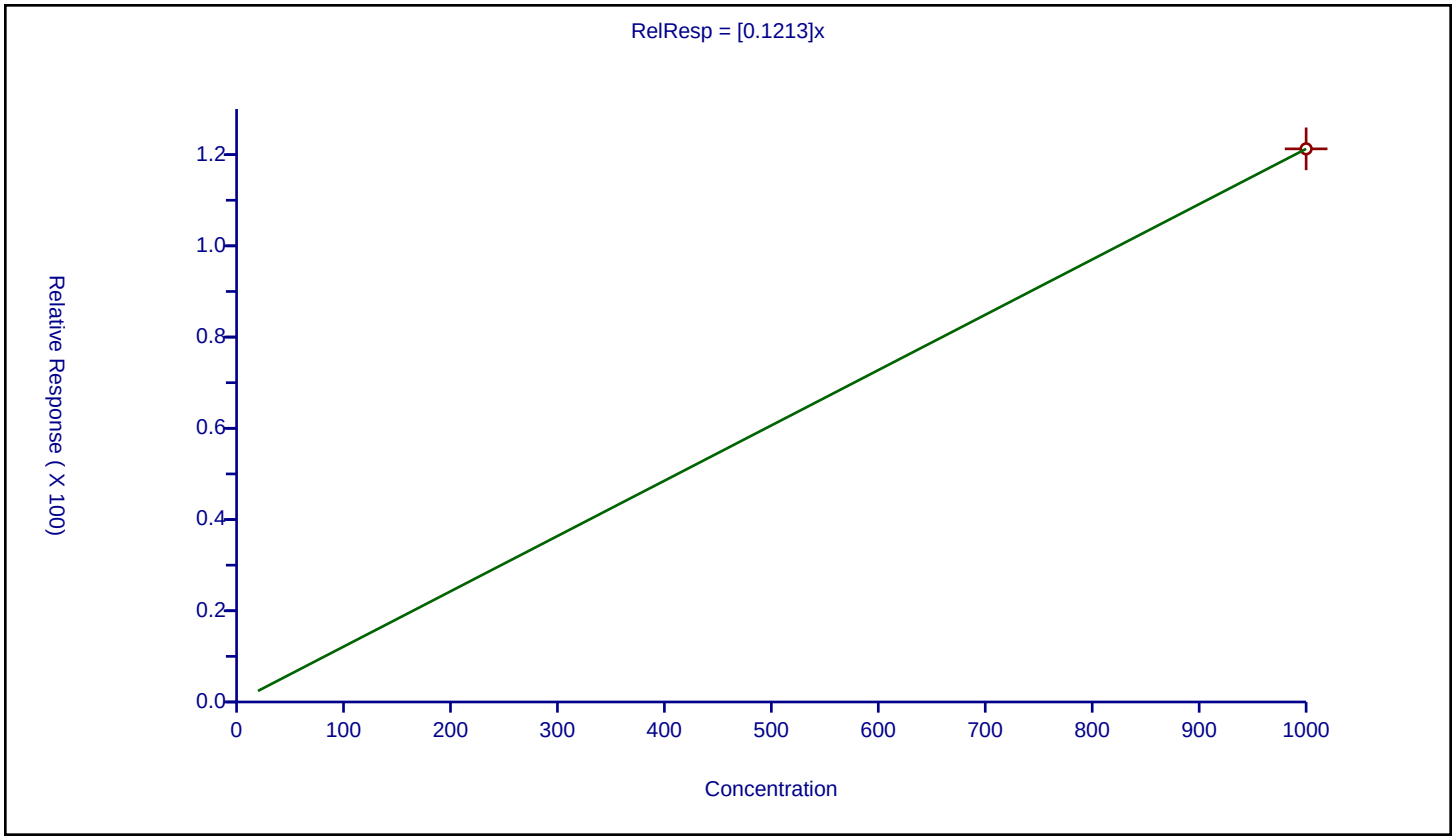
Curve Coefficients

Intercept:	0
Slope:	0.1213

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/15	1000.0	121.264257	20.0	29676379.0	0.121264	Y



Calibration / PCB-1268 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

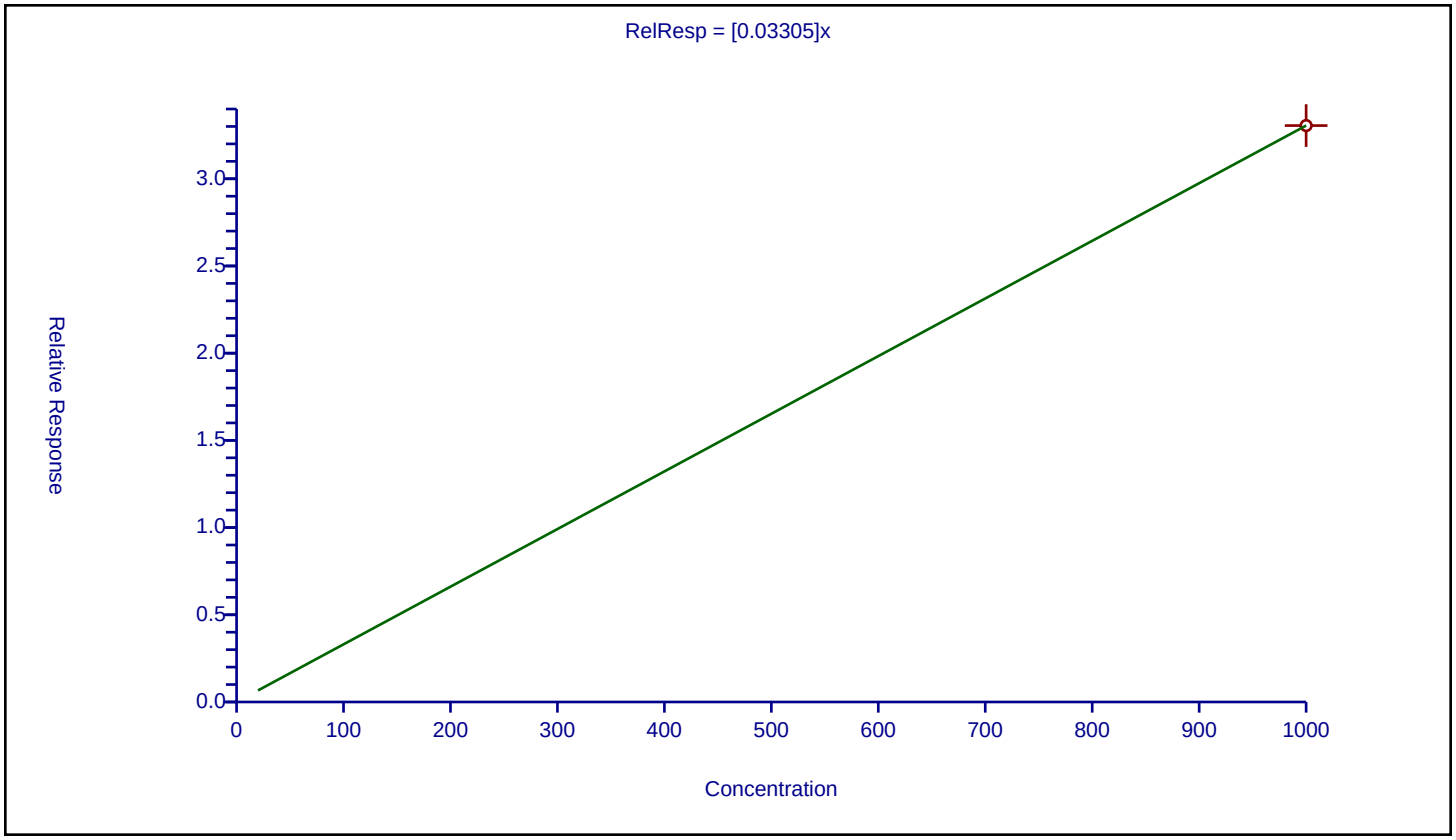
Curve Coefficients

Intercept:	0
Slope:	0.03305

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/15	1000.0	33.050637	20.0	29676379.0	0.033051	Y



Calibration / PCB-1268 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

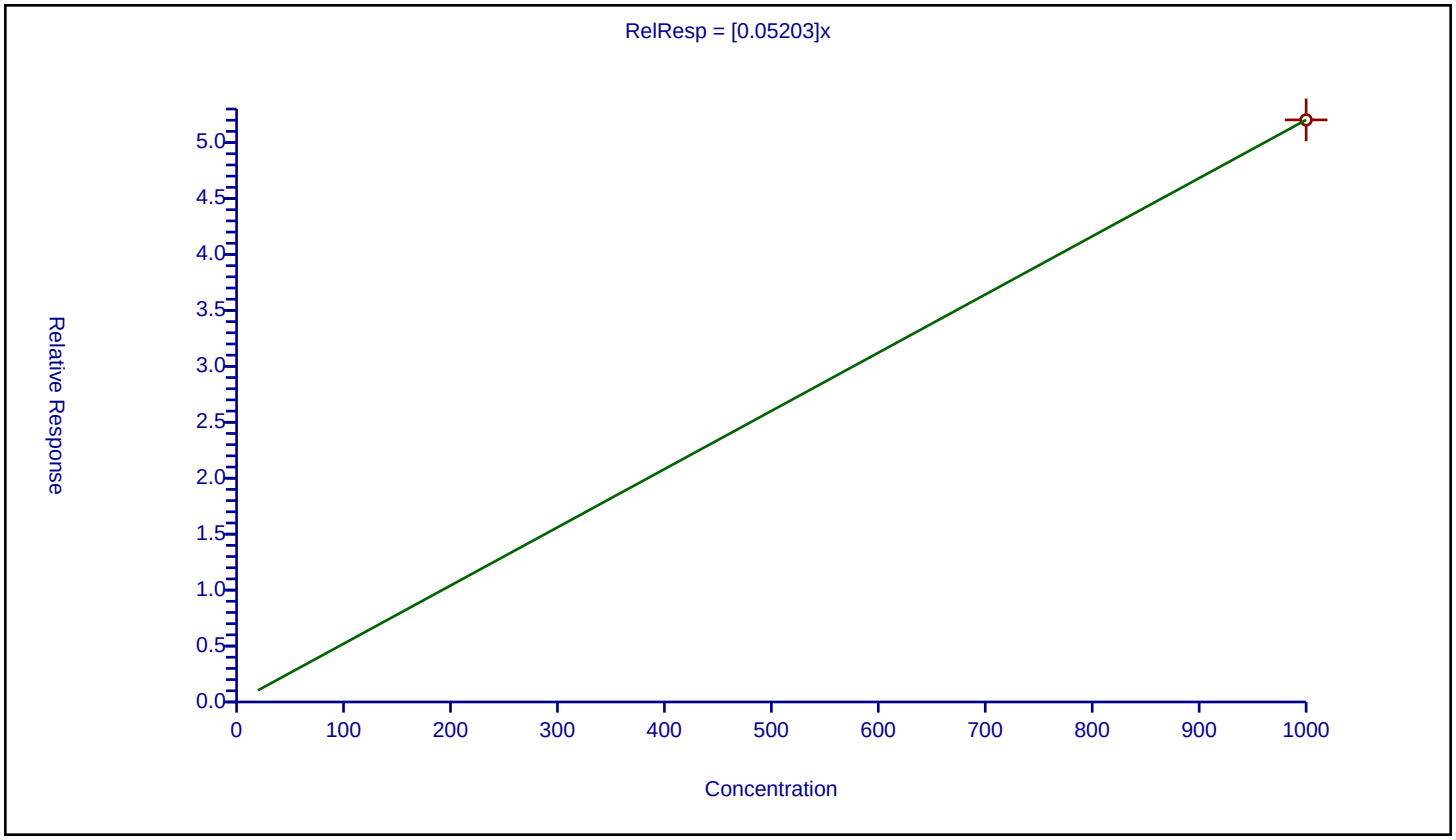
Curve Coefficients

Intercept:	0
Slope:	0.05203

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/15	1000.0	52.02652	20.0	29676379.0	0.052027	Y



Calibration / PCB-1268 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

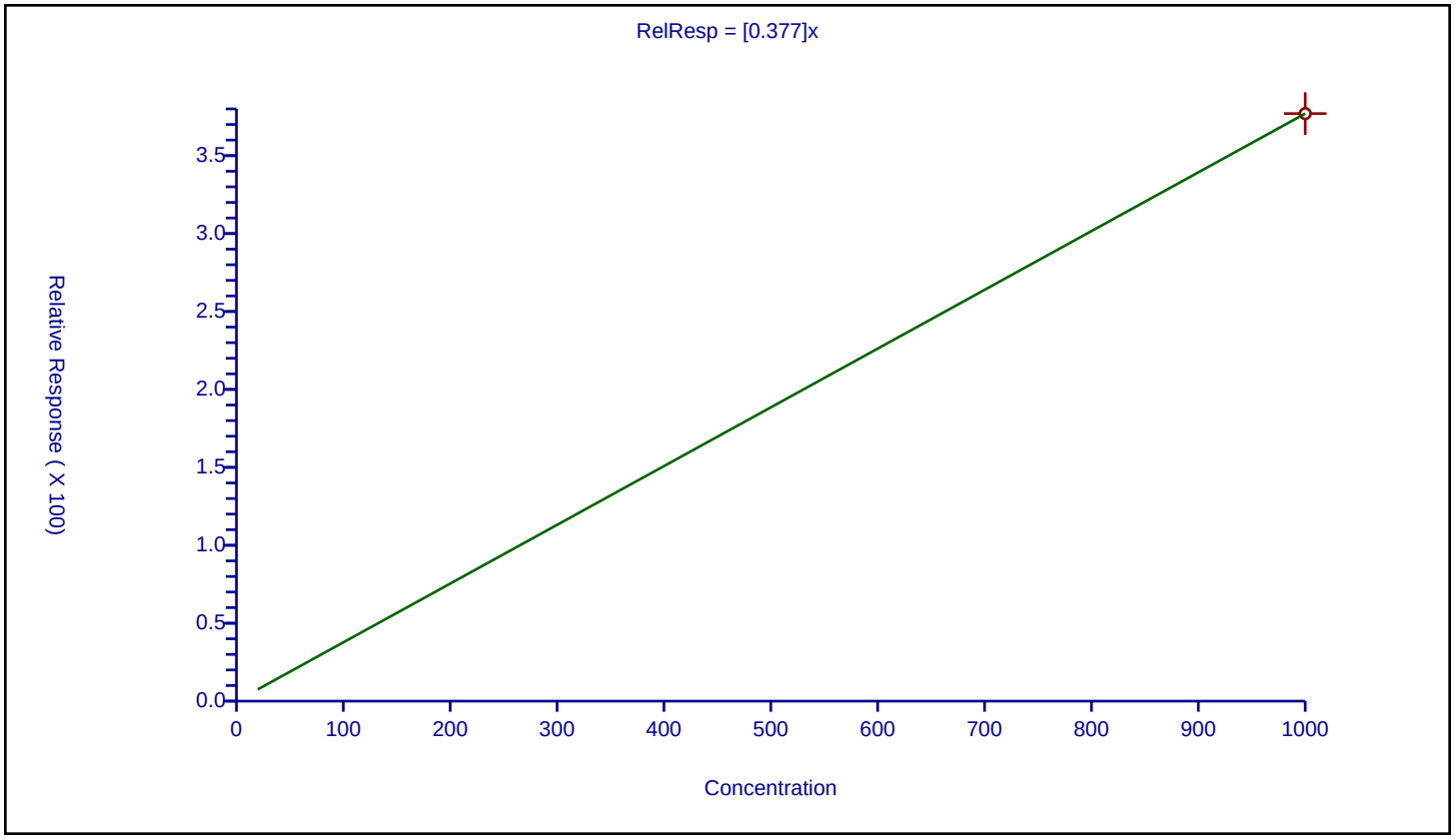
Curve Coefficients

Intercept:	0
Slope:	0.377

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-831251/15	1000.0	376.986384	20.0	29676379.0	0.376986	Y



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: ICV 460-831251/18 Calibration Date: 03/03/2022 10:23

Instrument ID: CPESTGC14 Calib Start Date: 03/02/2022 18:33

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 03/03/2022 10:07

Lab File ID: 14F0021122.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0185	0.0189		1020	1000	2.0	20.0
PCB-1016 Peak 2	Ave	0.0391	0.0410		1050	1000	4.8	20.0
PCB-1016 Peak 3	Ave	0.0825	0.0862		1050	1000	4.6	20.0
PCB-1016 Peak 4	Ave	0.0318	0.0327		1030	1000	2.8	20.0
PCB-1016 Peak 5	Ave	0.0197	0.0207		1050	1000	5.2	20.0
PCB-1016 Peak 6	Ave	0.0252	0.0264		1050	1000	4.7	20.0
PCB-1016 Peak 7	Ave	0.0247	0.0257		1040	1000	4.1	20.0
PCB-1016 Peak 8	Ave	0.0165	0.0177		1070	1000	7.3	20.0
PCB-1260 Peak 1	Ave	0.0207	0.0222		1070	1000	7.3	20.0
PCB-1260 Peak 2	Ave	0.0468	0.0508		1090	1000	8.7	20.0
PCB-1260 Peak 3	Ave	0.0529	0.0565		1070	1000	6.8	20.0
PCB-1260 Peak 4	Ave	0.0409	0.0437		1070	1000	6.7	20.0
PCB-1260 Peak 5	Ave	0.0422	0.0449		1070	1000	6.5	20.0
PCB-1260 Peak 6	Ave	0.0929	0.0988		1060	1000	6.4	20.0
PCB-1260 Peak 7	Ave	0.0608	0.0635		1040	1000	4.5	20.0
PCB-1260 Peak 8	Ave	0.0243	0.0253		1040	1000	4.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: ICV 460-831251/18 Calibration Date: 03/03/2022 10:23

Instrument ID: CPESTGC14 Calib Start Date: 03/02/2022 18:33

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 03/03/2022 10:07

Lab File ID: 14F0021122.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.40	3.37	3.43
PCB-1016 Peak 2	3.91	3.85	3.99
PCB-1016 Peak 3	4.49	4.43	4.57
PCB-1016 Peak 4	4.66	4.60	4.74
PCB-1016 Peak 5	4.79	4.73	4.87
PCB-1016 Peak 6	5.26	5.19	5.33
PCB-1016 Peak 7	5.41	5.35	5.49
PCB-1016 Peak 8	5.81	5.74	5.88
PCB-1260 Peak 1	6.86	6.83	6.89
PCB-1260 Peak 2	7.13	7.06	7.20
PCB-1260 Peak 3	7.51	7.45	7.59
PCB-1260 Peak 4	8.39	8.33	8.47
PCB-1260 Peak 5	9.01	8.95	9.09
PCB-1260 Peak 6	9.57	9.50	9.64
PCB-1260 Peak 7	10.08	10.01	10.15
PCB-1260 Peak 8	10.68	10.62	10.76

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021122.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 03-Mar-2022 10:23:57 ALS Bottle#: 3 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:15:15 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:40:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.751	1.754	-0.003	16706788	20.0	20.0	
2	1.541	1.543	-0.002	27335363	20.0	20.0	
						RPD = 0.00	
5 PCB-1016							M
1	3.395	3.399	-0.004	15762681	1000.0	1020.3	
1	3.914	3.917	-0.003	34256030	1000.0	1048.2	
1	4.492	4.495	-0.003	72035623	1000.0	1045.9	
1	4.663	4.667	-0.004	27280350	1000.0	1027.7	
1	4.792	4.795	-0.003	17298101	1000.0	1052.5	
1	5.258	5.262	-0.004	22079221	1000.0	1047.3	
1	5.412	5.416	-0.004	21494587	1000.0	1040.6	
1	5.810	5.814	-0.004	14790729	1000.0	1072.8	
		Average of Peak Amounts =				1044.4	
2	2.650	2.653	-0.003	28529484	1000.0	967.8	
2	3.047	3.049	-0.002	62956350	1000.0	1046.0	
2	3.276	3.278	-0.002	41555254	1000.0	1049.4	M
2	3.581	3.583	-0.002	141424758	1000.0	1071.1	
2	3.734	3.736	-0.002	55750863	1000.0	1065.2	
2	3.805	3.807	-0.002	33259960	1000.0	1071.7	
2	4.215	4.218	-0.003	52887209	1000.0	1032.8	M
2	4.666	4.668	-0.002	22242594	1000.0	1065.5	M
		Average of Peak Amounts =				1046.2	
						RPD = 0.17	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.857	6.863	-0.006	18562889	1000.0	1072.7	
1	7.127	7.134	-0.007	42460196	1000.0	1086.7	
1	7.513	7.518	-0.005	47226866	1000.0	1068.4	
1	8.391	8.395	-0.004	36490527	1000.0	1067.1	
1	9.013	9.020	-0.007	37513415	1000.0	1065.4	
1	9.568	9.572	-0.004	82543934	1000.0	1063.6	
1	10.076	10.082	-0.006	53023212	1000.0	1044.6	
1	10.682	10.693	-0.011	21098443	1000.0	1041.5	
		Average of Peak Amounts =				1063.8	
2	5.679	5.681	-0.002	72365228	1000.0	1076.3	
2	6.447	6.450	-0.003	128294838	1000.0	1095.2	
2	6.627	6.631	-0.004	70106400	1000.0	1084.5	
2	7.014	7.018	-0.004	76800367	1000.0	1083.5	
2	7.560	7.564	-0.004	176205468	1000.0	1087.5	
2	8.077	8.081	-0.004	88730341	1000.0	1088.7	
2	8.243	8.249	-0.006	52397393	1000.0	1088.2	
2	9.404	9.408	-0.004	51564458	1000.0	1078.0	M
		Average of Peak Amounts =				1085.2	
						RPD = 2.00	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPCBICV_00030	Amount Added: 1.00	Units: mL	
SGPCBISTD_00024	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 03-Mar-2022 11:15:28 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021122.D

Injection Date: 03-Mar-2022 10:23:57 Instrument ID: CPESTGC14 Operator ID:

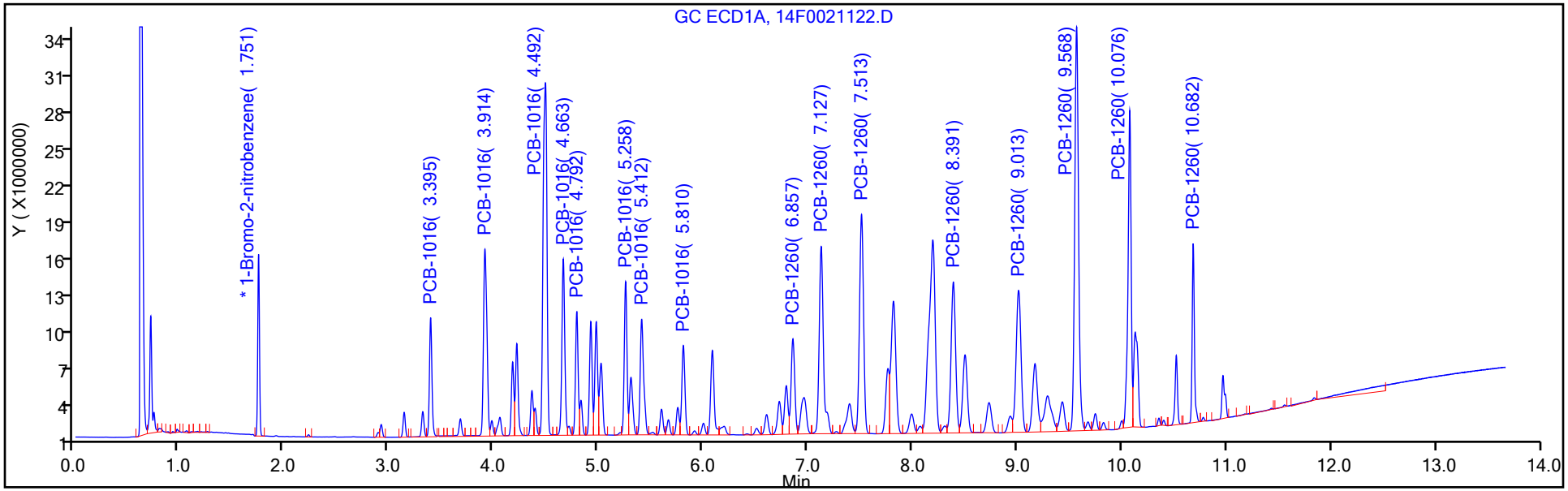
Lims ID: ICV Worklist Smp#: 18

Client ID:

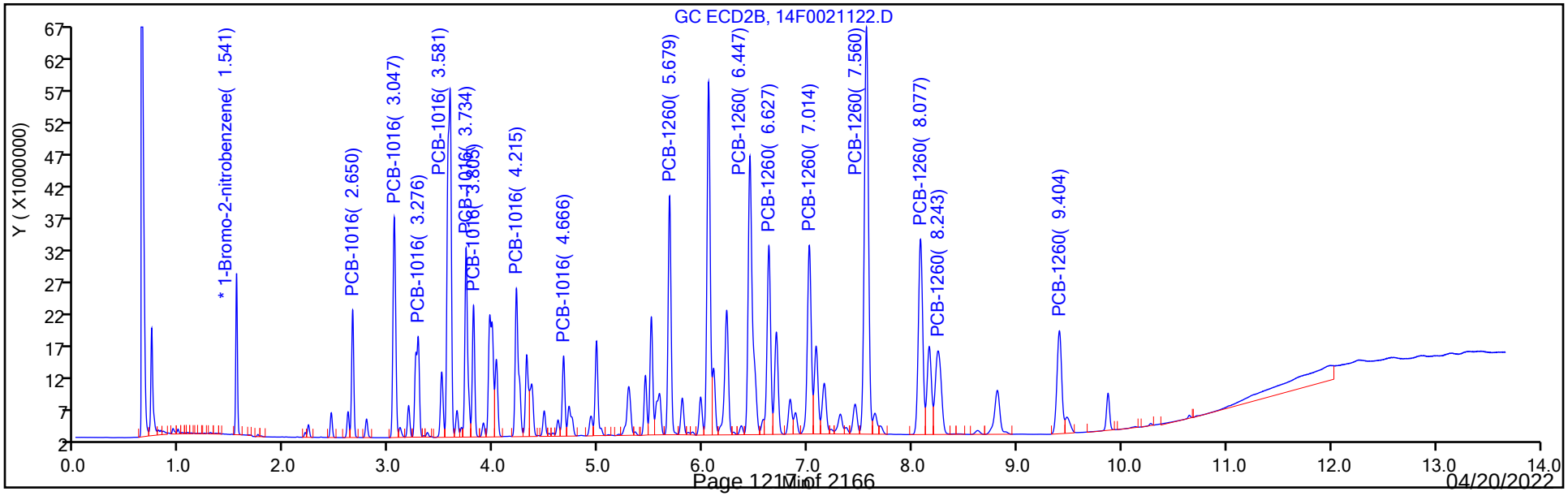
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: ICV 460-831251/18 Calibration Date: 03/03/2022 10:23

Instrument ID: CPESTGC14 Calib Start Date: 03/02/2022 18:33

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/03/2022 10:07

Lab File ID: 14F0021122.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0216	0.0209		968	1000	-3.2	20.0
PCB-1016 Peak 2	Ave	0.0440	0.0461		1050	1000	4.6	20.0
PCB-1016 Peak 3	Ave	0.0290	0.0304		1050	1000	4.9	20.0
PCB-1016 Peak 4	Ave	0.0966	0.1035		1070	1000	7.1	20.0
PCB-1016 Peak 5	Ave	0.0383	0.0408		1070	1000	6.5	20.0
PCB-1016 Peak 6	Ave	0.0227	0.0243		1070	1000	7.2	20.0
PCB-1016 Peak 7	Ave	0.0375	0.0387		1030	1000	3.3	20.0
PCB-1016 Peak 8	Ave	0.0153	0.0163		1070	1000	6.5	20.0
PCB-1260 Peak 1	Ave	0.0492	0.0529		1080	1000	7.6	20.0
PCB-1260 Peak 2	Ave	0.0857	0.0939		1100	1000	9.5	20.0
PCB-1260 Peak 3	Ave	0.0473	0.0513		1080	1000	8.4	20.0
PCB-1260 Peak 4	Ave	0.0519	0.0562		1080	1000	8.3	20.0
PCB-1260 Peak 5	Ave	0.1185	0.1289		1090	1000	8.8	20.0
PCB-1260 Peak 6	Ave	0.0596	0.0649		1090	1000	8.9	20.0
PCB-1260 Peak 7	Ave	0.0352	0.0383		1090	1000	8.8	20.0
PCB-1260 Peak 8	Ave	0.0350	0.0377		1080	1000	7.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: ICV 460-831251/18 Calibration Date: 03/03/2022 10:23

Instrument ID: CPESTGC14 Calib Start Date: 03/02/2022 18:33

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/03/2022 10:07

Lab File ID: 14F0021122.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.65	2.58	2.72
PCB-1016 Peak 2	3.05	2.98	3.12
PCB-1016 Peak 3	3.28	3.21	3.35
PCB-1016 Peak 4	3.58	3.51	3.65
PCB-1016 Peak 5	3.73	3.67	3.81
PCB-1016 Peak 6	3.81	3.74	3.88
PCB-1016 Peak 7	4.22	4.15	4.29
PCB-1016 Peak 8	4.67	4.60	4.74
PCB-1260 Peak 1	5.68	5.61	5.75
PCB-1260 Peak 2	6.45	6.38	6.52
PCB-1260 Peak 3	6.63	6.56	6.70
PCB-1260 Peak 4	7.01	6.95	7.09
PCB-1260 Peak 5	7.56	7.49	7.63
PCB-1260 Peak 6	8.08	8.01	8.15
PCB-1260 Peak 7	8.24	8.18	8.32
PCB-1260 Peak 8	9.40	9.34	9.48

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021122.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 03-Mar-2022 10:23:57 ALS Bottle#: 3 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:15:15 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:40:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.751	1.754	-0.003	16706788	20.0	20.0	
2	1.541	1.543	-0.002	27335363	20.0	20.0	
						RPD = 0.00	
5 PCB-1016							M
1	3.395	3.399	-0.004	15762681	1000.0	1020.3	
1	3.914	3.917	-0.003	34256030	1000.0	1048.2	
1	4.492	4.495	-0.003	72035623	1000.0	1045.9	
1	4.663	4.667	-0.004	27280350	1000.0	1027.7	
1	4.792	4.795	-0.003	17298101	1000.0	1052.5	
1	5.258	5.262	-0.004	22079221	1000.0	1047.3	
1	5.412	5.416	-0.004	21494587	1000.0	1040.6	
1	5.810	5.814	-0.004	14790729	1000.0	1072.8	
		Average of Peak Amounts =				1044.4	
2	2.650	2.653	-0.003	28529484	1000.0	967.8	
2	3.047	3.049	-0.002	62956350	1000.0	1046.0	
2	3.276	3.278	-0.002	41555254	1000.0	1049.4	M
2	3.581	3.583	-0.002	141424758	1000.0	1071.1	
2	3.734	3.736	-0.002	55750863	1000.0	1065.2	
2	3.805	3.807	-0.002	33259960	1000.0	1071.7	
2	4.215	4.218	-0.003	52887209	1000.0	1032.8	M
2	4.666	4.668	-0.002	22242594	1000.0	1065.5	M
		Average of Peak Amounts =				1046.2	
						RPD = 0.17	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.857	6.863	-0.006	18562889	1000.0	1072.7	
1	7.127	7.134	-0.007	42460196	1000.0	1086.7	
1	7.513	7.518	-0.005	47226866	1000.0	1068.4	
1	8.391	8.395	-0.004	36490527	1000.0	1067.1	
1	9.013	9.020	-0.007	37513415	1000.0	1065.4	
1	9.568	9.572	-0.004	82543934	1000.0	1063.6	
1	10.076	10.082	-0.006	53023212	1000.0	1044.6	
1	10.682	10.693	-0.011	21098443	1000.0	1041.5	
		Average of Peak Amounts =				1063.8	
2	5.679	5.681	-0.002	72365228	1000.0	1076.3	
2	6.447	6.450	-0.003	128294838	1000.0	1095.2	
2	6.627	6.631	-0.004	70106400	1000.0	1084.5	
2	7.014	7.018	-0.004	76800367	1000.0	1083.5	
2	7.560	7.564	-0.004	176205468	1000.0	1087.5	
2	8.077	8.081	-0.004	88730341	1000.0	1088.7	
2	8.243	8.249	-0.006	52397393	1000.0	1088.2	
2	9.404	9.408	-0.004	51564458	1000.0	1078.0	M
		Average of Peak Amounts =				1085.2	
						RPD = 2.00	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPCBICV_00030	Amount Added: 1.00	Units: mL	
SGPCBISTD_00024	Amount Added: 20.00	Units: uL	Run Reagent

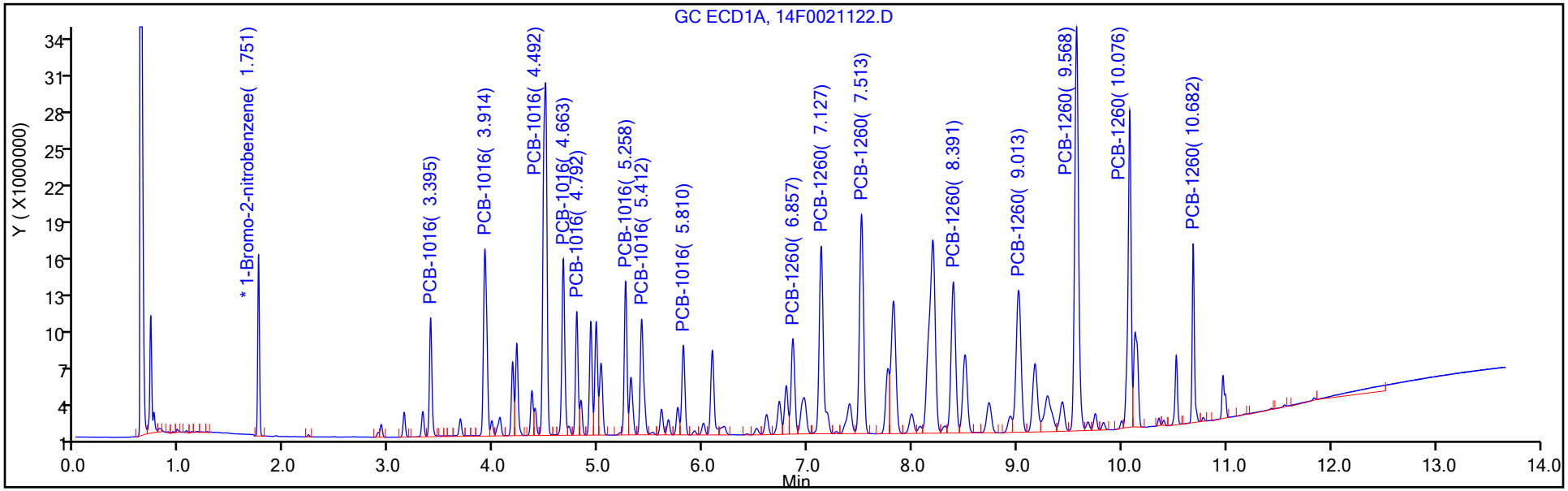
Report Date: 03-Mar-2022 11:15:28 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

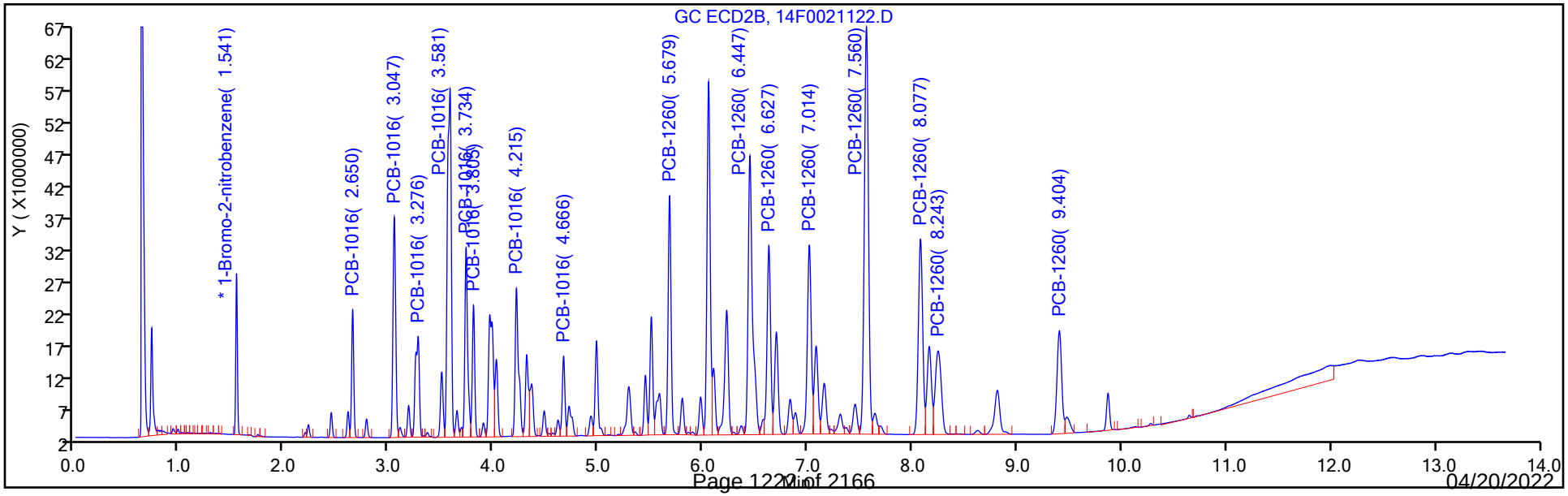
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021122.D

Injection Date:	03-Mar-2022 10:23:57	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	ICV			Worklist Smp#:	18
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)

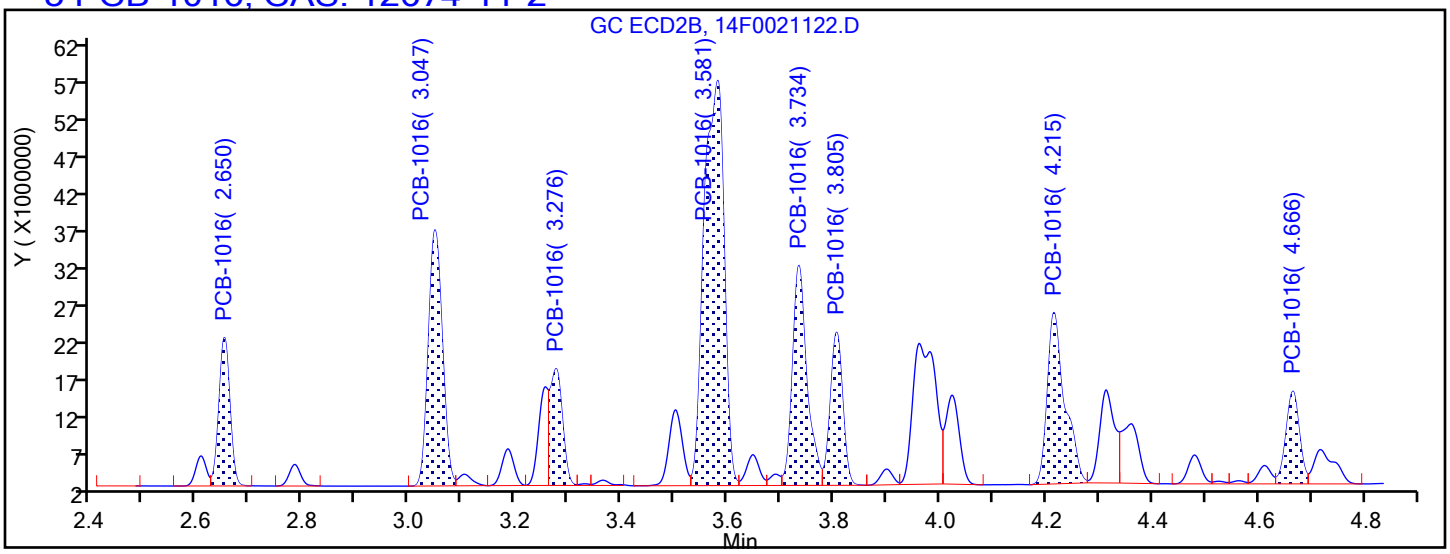


Report Date: 03-Mar-2022 11:15:29 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

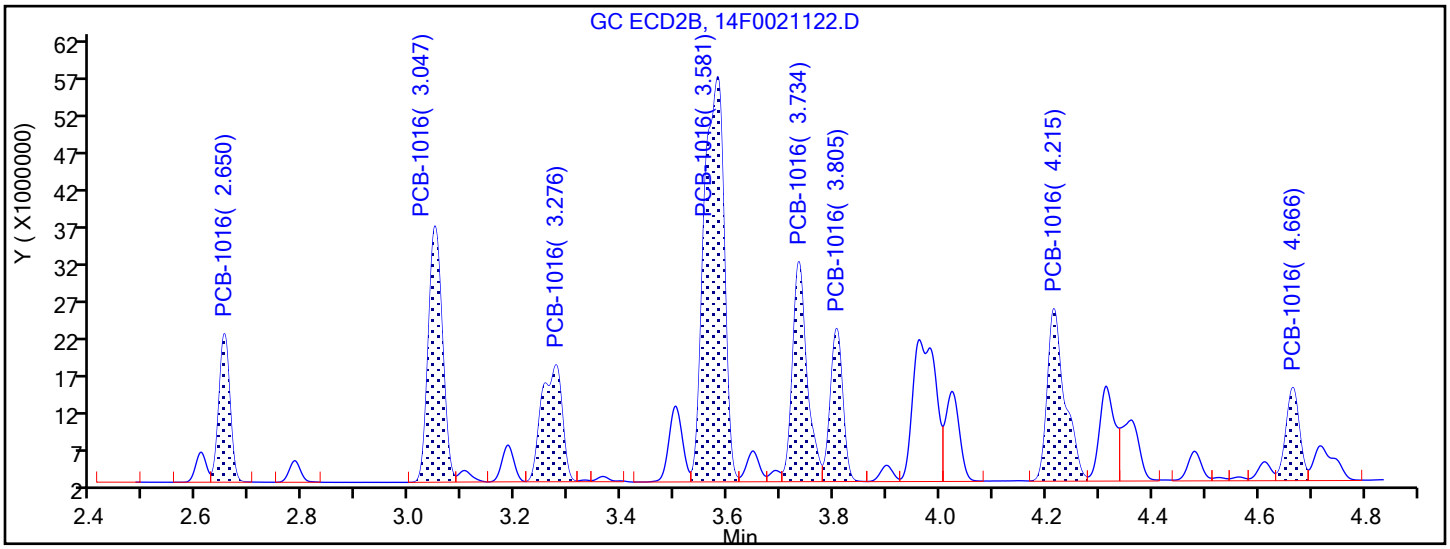
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021122.D
Injection Date: 03-Mar-2022 10:23:57 Instrument ID: CPESTGC14
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.650	Response = 28529484
3.047	Response = 62956350
3.276	Response = 25317896
3.581	Response = 141424758
3.734	Response = 55750863
3.805	Response = 33259960
4.215	Response = 51854021
4.666	Response = 21989170



Manual Integration Results

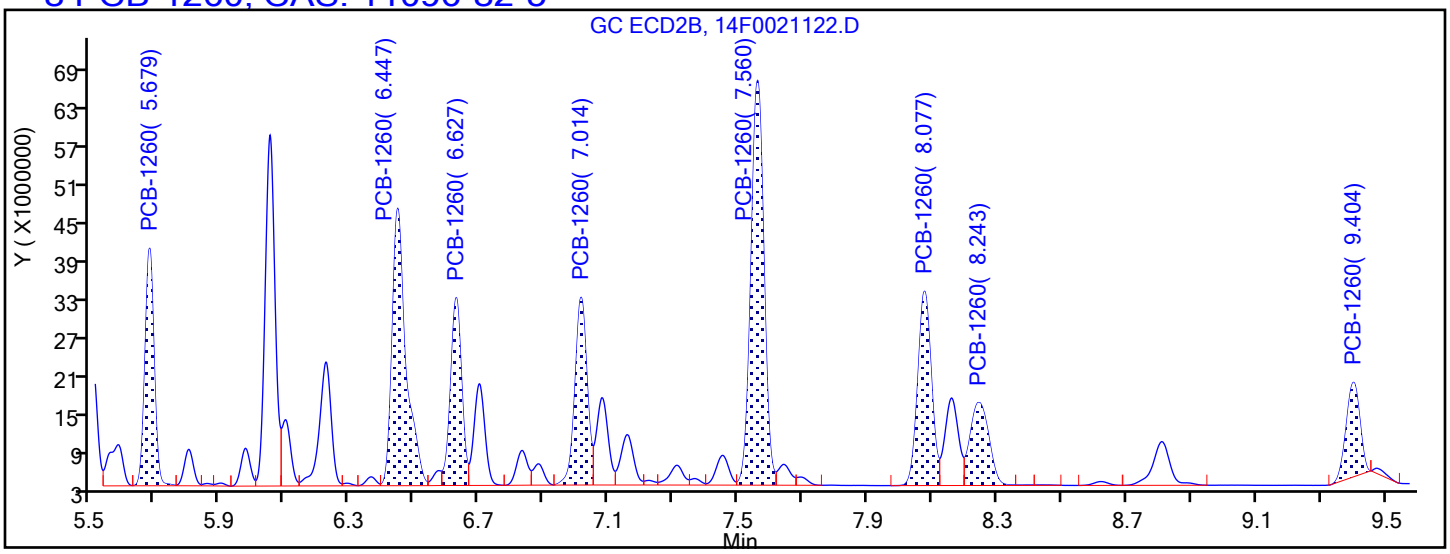
2.650	Response = 28529484	
3.047	Response = 62956350	
3.276	Response = 41555254	M
3.581	Response = 141424758	
3.734	Response = 55750863	
3.805	Response = 33259960	

Report Date: 03-Mar-2022 11:15:30 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

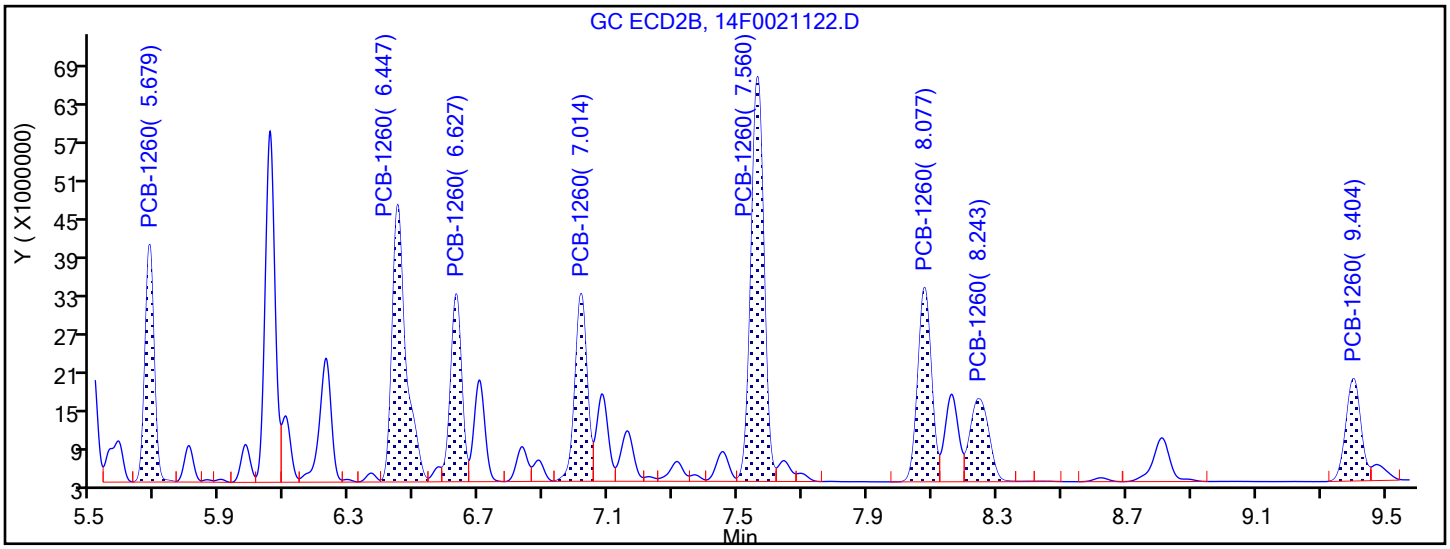
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021122.D
Injection Date: 03-Mar-2022 10:23:57 Instrument ID: CPESTGC14
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.679	Response = 72365228
6.447	Response = 128294838
6.627	Response = 70106400
7.014	Response = 76800367
7.560	Response = 176205468
8.077	Response = 88730341
8.243	Response = 52397393
9.404	Response = 43369334



Manual Integration Results

5.679	Response = 72365228
6.447	Response = 128294838
6.627	Response = 70106400
7.014	Response = 76800367
7.560	Response = 176205468
8.077	Response = 88730341

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCVIS 460-837782/2 Calibration Date: 04/07/2022 05:04

Instrument ID: CPESTGC14 Calib Start Date: 03/02/2022 18:33

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 03/03/2022 10:07

Lab File ID: 14F0022136.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0185	0.0186		1010	1000	0.8	20.0
PCB-1016 Peak 2	Ave	0.0391	0.0415		1060	1000	6.1	20.0
PCB-1016 Peak 3	Ave	0.0825	0.0889		1080	1000	7.9	20.0
PCB-1016 Peak 4	Ave	0.0318	0.0338		1060	1000	6.4	20.0
PCB-1016 Peak 5	Ave	0.0197	0.0215		1090	1000	9.4	20.0
PCB-1016 Peak 6	Ave	0.0252	0.0276		1090	1000	9.3	20.0
PCB-1016 Peak 7	Ave	0.0247	0.0278		1120	1000	12.4	20.0
PCB-1016 Peak 8	Ave	0.0165	0.0182		1100	1000	10.4	20.0
PCB-1260 Peak 1	Ave	0.0207	0.0234		1130	1000	13.0	20.0
PCB-1260 Peak 2	Ave	0.0468	0.0534		1140	1000	14.2	20.0
PCB-1260 Peak 3	Ave	0.0529	0.0581		1100	1000	9.7	20.0
PCB-1260 Peak 4	Ave	0.0409	0.0461		1120	1000	12.5	20.0
PCB-1260 Peak 5	Ave	0.0422	0.0474		1120	1000	12.4	20.0
PCB-1260 Peak 6	Ave	0.0929	0.1059		1140	1000	14.0	20.0
PCB-1260 Peak 7	Ave	0.0608	0.0684		1120	1000	12.5	20.0
PCB-1260 Peak 8	Ave	0.0243	0.0274		1130	1000	12.9	20.0
Tetrachloro-m-xylene	Ave	1.132	1.162		103	100	2.6	20.0
DCB Decachlorobiphenyl	Ave	0.6132	0.6827		111	100	11.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCVIS 460-837782/2 Calibration Date: 04/07/2022 05:04

Instrument ID: CPESTGC14 Calib Start Date: 03/02/2022 18:33

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 03/03/2022 10:07

Lab File ID: 14F0022136.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.36	3.33	3.39
PCB-1016 Peak 2	3.88	3.81	3.95
PCB-1016 Peak 3	4.45	4.38	4.52
PCB-1016 Peak 4	4.62	4.55	4.69
PCB-1016 Peak 5	4.75	4.68	4.82
PCB-1016 Peak 6	5.21	5.14	5.28
PCB-1016 Peak 7	5.37	5.30	5.44
PCB-1016 Peak 8	5.76	5.69	5.83
PCB-1260 Peak 1	6.80	6.77	6.83
PCB-1260 Peak 2	7.06	6.99	7.13
PCB-1260 Peak 3	7.45	7.38	7.52
PCB-1260 Peak 4	8.31	8.24	8.38
PCB-1260 Peak 5	8.93	8.86	9.00
PCB-1260 Peak 6	9.50	9.43	9.57
PCB-1260 Peak 7	10.03	9.96	10.10
PCB-1260 Peak 8	10.65	10.58	10.72
Tetrachloro-m-xylene	2.73	2.70	2.76
DCB Decachlorobiphenyl	11.16	11.13	11.19

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022136.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 07-Apr-2022 05:04:33 ALS Bottle#: 32 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:53 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: manlangitf Date: 07-Apr-2022 05:29:29

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.730	1.730	0.000	25477070	20.0	20.0	
2	1.521	1.521	0.000	43075442	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.733	2.733	0.000	147979030	100.0	102.6	
2	2.220	2.220	0.000	277267027	100.0	106.7	
						RPD = 3.92	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.359	3.359	0.000	23746009	1000.0	1007.9	
1	3.875	3.875	0.000	52870181	1000.0	1060.8	
1	4.450	4.450	0.000	113296081	1000.0	1078.7	
1	4.620	4.620	0.000	43077216	1000.0	1064.1	
1	4.748	4.748	0.000	27423855	1000.0	1094.2	
1	5.214	5.214	0.000	35124695	1000.0	1092.6	
1	5.365	5.365	0.000	35409371	1000.0	1124.1	
1	5.759	5.759	0.000	23212421	1000.0	1104.1	
		Average of Peak Amounts =				1078.3	
2	2.617	2.617	0.000	46424111	1000.0	999.3	
2	3.009	3.009	0.000	95546837	1000.0	1007.4	
2	3.235	3.235	0.000	63020126	1000.0	1009.9	M
2	3.538	3.538	0.000	215218112	1000.0	1034.3	
2	3.690	3.690	0.000	81600301	1000.0	989.4	
2	3.760	3.760	0.000	50638851	1000.0	1035.4	
2	4.168	4.168	0.000	76984284	1000.0	954.1	
2	4.616	4.616	0.000	33651152	1000.0	1023.0	
		Average of Peak Amounts =				1006.6	
						RPD = 6.88	
8 PCB-1260							
1	6.796	6.796	0.000	29820527	1000.0	1130.0	
1	7.062	7.062	0.000	68052876	1000.0	1142.1	
1	7.445	7.445	0.000	73953342	1000.0	1097.1	
1	8.312	8.312	0.000	58663713	1000.0	1125.0	
1	8.927	8.927	0.000	60336623	1000.0	1123.7	
1	9.499	9.499	0.000	134880755	1000.0	1139.7	
1	10.027	10.027	0.000	87076448	1000.0	1125.0	
1	10.652	10.652	0.000	34888071	1000.0	1129.3	
		Average of Peak Amounts =				1126.5	
2	5.621	5.621	0.000	109557856	1000.0	1034.1	
2	6.379	6.379	0.000	193367020	1000.0	1047.5	
2	6.560	6.560	0.000	98523328	1000.0	967.1	
2	6.940	6.940	0.000	115304324	1000.0	1032.3	
2	7.479	7.479	0.000	241279758	1000.0	945.0	
2	7.991	7.991	0.000	133662843	1000.0	1040.8	
2	8.159	8.159	0.000	77843214	1000.0	1026.0	
2	9.305	9.305	0.000	78965800	1000.0	1047.6	
		Average of Peak Amounts =				1017.5	
						RPD = 10.16	
$ 11 DCB Decachlorobiphenyl							
1	11.157	11.157	0.000	86971352	100.0	111.3	
2	10.047	10.047	0.000	212522607	100.0	109.6	
						RPD = 1.54	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SG1660L3_00041	Amount Added: 1.00	Units: mL	
SGPCBISTD_00025	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 07-Apr-2022 13:21:53 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022136.D

Injection Date: 07-Apr-2022 05:04:33 Instrument ID: CPESTGC14 Operator ID:

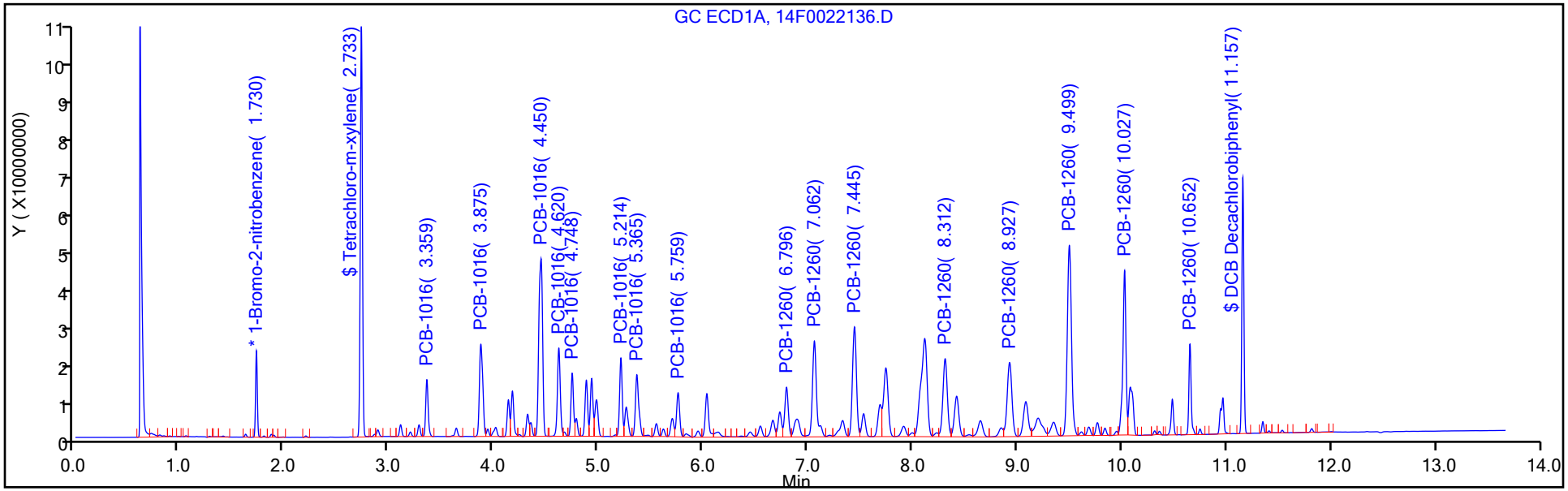
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

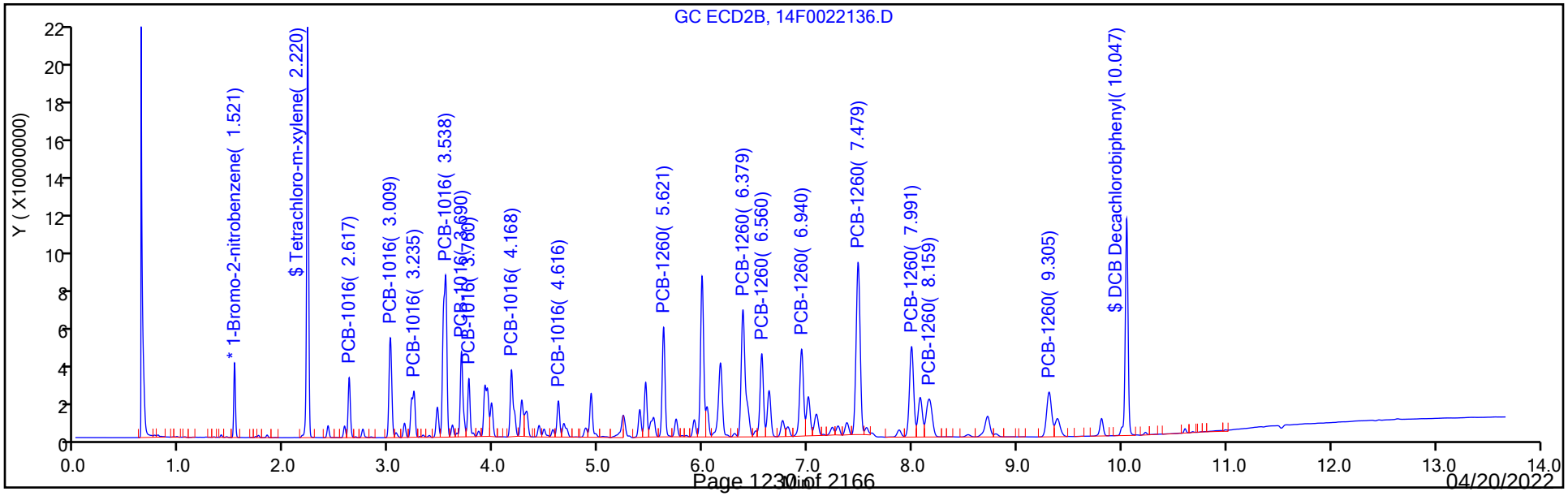
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 32

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCVIS 460-837782/2 Calibration Date: 04/07/2022 05:04

Instrument ID: CPESTGC14 Calib Start Date: 03/02/2022 18:33

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/03/2022 10:07

Lab File ID: 14F0022136.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0216	0.0216		999	1000	-0.0	20.0
PCB-1016 Peak 2	Ave	0.0440	0.0444		1010	1000	0.7	20.0
PCB-1016 Peak 3	Ave	0.0290	0.0293		1010	1000	1.0	20.0
PCB-1016 Peak 4	Ave	0.0966	0.0999		1030	1000	3.4	20.0
PCB-1016 Peak 5	Ave	0.0383	0.0379		989	1000	-1.1	20.0
PCB-1016 Peak 6	Ave	0.0227	0.0235		1040	1000	3.5	20.0
PCB-1016 Peak 7	Ave	0.0375	0.0357		954	1000	-4.6	20.0
PCB-1016 Peak 8	Ave	0.0153	0.0156		1020	1000	2.3	20.0
PCB-1260 Peak 1	Ave	0.0492	0.0509		1030	1000	3.4	20.0
PCB-1260 Peak 2	Ave	0.0857	0.0898		1050	1000	4.8	20.0
PCB-1260 Peak 3	Ave	0.0473	0.0457		967	1000	-3.3	20.0
PCB-1260 Peak 4	Ave	0.0519	0.0535		1030	1000	3.2	20.0
PCB-1260 Peak 5	Ave	0.1185	0.1120		945	1000	-5.5	20.0
PCB-1260 Peak 6	Ave	0.0596	0.0621		1040	1000	4.1	20.0
PCB-1260 Peak 7	Ave	0.0352	0.0361		1030	1000	2.6	20.0
PCB-1260 Peak 8	Ave	0.0350	0.0367		1050	1000	4.8	20.0
Tetrachloro-m-xylene	Ave	1.206	1.287		107	100	6.7	20.0
DCB Decachlorobiphenyl	Ave	0.9000	0.9867		110	100	9.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: CCVIS 460-837782/2 Calibration Date: 04/07/2022 05:04

Instrument ID: CPESTGC14 Calib Start Date: 03/02/2022 18:33

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/03/2022 10:07

Lab File ID: 14F0022136.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.62	2.55	2.69
PCB-1016 Peak 2	3.01	2.94	3.08
PCB-1016 Peak 3	3.24	3.17	3.31
PCB-1016 Peak 4	3.54	3.47	3.61
PCB-1016 Peak 5	3.69	3.62	3.76
PCB-1016 Peak 6	3.76	3.69	3.83
PCB-1016 Peak 7	4.17	4.10	4.24
PCB-1016 Peak 8	4.62	4.55	4.69
PCB-1260 Peak 1	5.62	5.55	5.69
PCB-1260 Peak 2	6.38	6.31	6.45
PCB-1260 Peak 3	6.56	6.49	6.63
PCB-1260 Peak 4	6.94	6.87	7.01
PCB-1260 Peak 5	7.48	7.41	7.55
PCB-1260 Peak 6	7.99	7.92	8.06
PCB-1260 Peak 7	8.16	8.09	8.23
PCB-1260 Peak 8	9.31	9.24	9.38
Tetrachloro-m-xylene	2.22	2.17	2.27
DCB Decachlorobiphenyl	10.05	9.95	10.15

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022136.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 07-Apr-2022 05:04:33 ALS Bottle#: 32 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:53 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: manlangitf Date: 07-Apr-2022 05:29:29

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.730	1.730	0.000	25477070	20.0	20.0	
2	1.521	1.521	0.000	43075442	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.733	2.733	0.000	147979030	100.0	102.6	
2	2.220	2.220	0.000	277267027	100.0	106.7	
						RPD = 3.92	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.359	3.359	0.000	23746009	1000.0	1007.9	
1	3.875	3.875	0.000	52870181	1000.0	1060.8	
1	4.450	4.450	0.000	113296081	1000.0	1078.7	
1	4.620	4.620	0.000	43077216	1000.0	1064.1	
1	4.748	4.748	0.000	27423855	1000.0	1094.2	
1	5.214	5.214	0.000	35124695	1000.0	1092.6	
1	5.365	5.365	0.000	35409371	1000.0	1124.1	
1	5.759	5.759	0.000	23212421	1000.0	1104.1	
		Average of Peak Amounts =				1078.3	
2	2.617	2.617	0.000	46424111	1000.0	999.3	
2	3.009	3.009	0.000	95546837	1000.0	1007.4	
2	3.235	3.235	0.000	63020126	1000.0	1009.9	M
2	3.538	3.538	0.000	215218112	1000.0	1034.3	
2	3.690	3.690	0.000	81600301	1000.0	989.4	
2	3.760	3.760	0.000	50638851	1000.0	1035.4	
2	4.168	4.168	0.000	76984284	1000.0	954.1	
2	4.616	4.616	0.000	33651152	1000.0	1023.0	
		Average of Peak Amounts =				1006.6	
						RPD = 6.88	
8 PCB-1260							
1	6.796	6.796	0.000	29820527	1000.0	1130.0	
1	7.062	7.062	0.000	68052876	1000.0	1142.1	
1	7.445	7.445	0.000	73953342	1000.0	1097.1	
1	8.312	8.312	0.000	58663713	1000.0	1125.0	
1	8.927	8.927	0.000	60336623	1000.0	1123.7	
1	9.499	9.499	0.000	134880755	1000.0	1139.7	
1	10.027	10.027	0.000	87076448	1000.0	1125.0	
1	10.652	10.652	0.000	34888071	1000.0	1129.3	
		Average of Peak Amounts =				1126.5	
2	5.621	5.621	0.000	109557856	1000.0	1034.1	
2	6.379	6.379	0.000	193367020	1000.0	1047.5	
2	6.560	6.560	0.000	98523328	1000.0	967.1	
2	6.940	6.940	0.000	115304324	1000.0	1032.3	
2	7.479	7.479	0.000	241279758	1000.0	945.0	
2	7.991	7.991	0.000	133662843	1000.0	1040.8	
2	8.159	8.159	0.000	77843214	1000.0	1026.0	
2	9.305	9.305	0.000	78965800	1000.0	1047.6	
		Average of Peak Amounts =				1017.5	
						RPD = 10.16	
$ 11 DCB Decachlorobiphenyl							
1	11.157	11.157	0.000	86971352	100.0	111.3	
2	10.047	10.047	0.000	212522607	100.0	109.6	
						RPD = 1.54	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SG1660L3_00041	Amount Added: 1.00	Units: mL	
SGPCBISTD_00025	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 07-Apr-2022 13:21:54 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022136.D

Injection Date: 07-Apr-2022 05:04:33 Instrument ID: CPESTGC14 Operator ID:

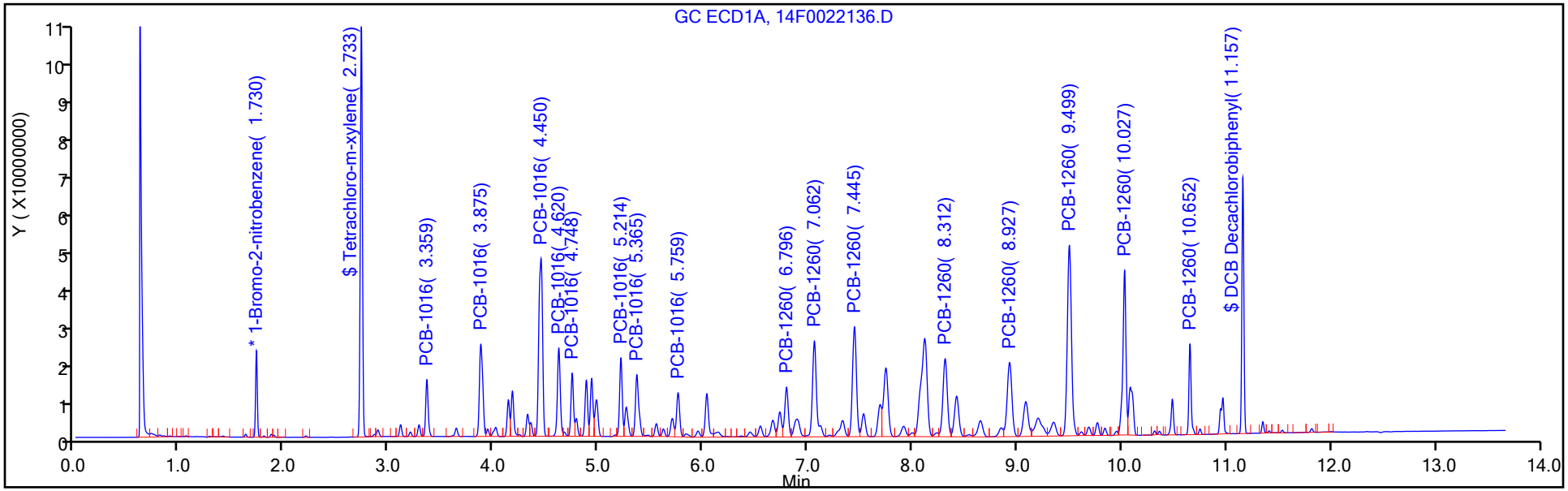
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

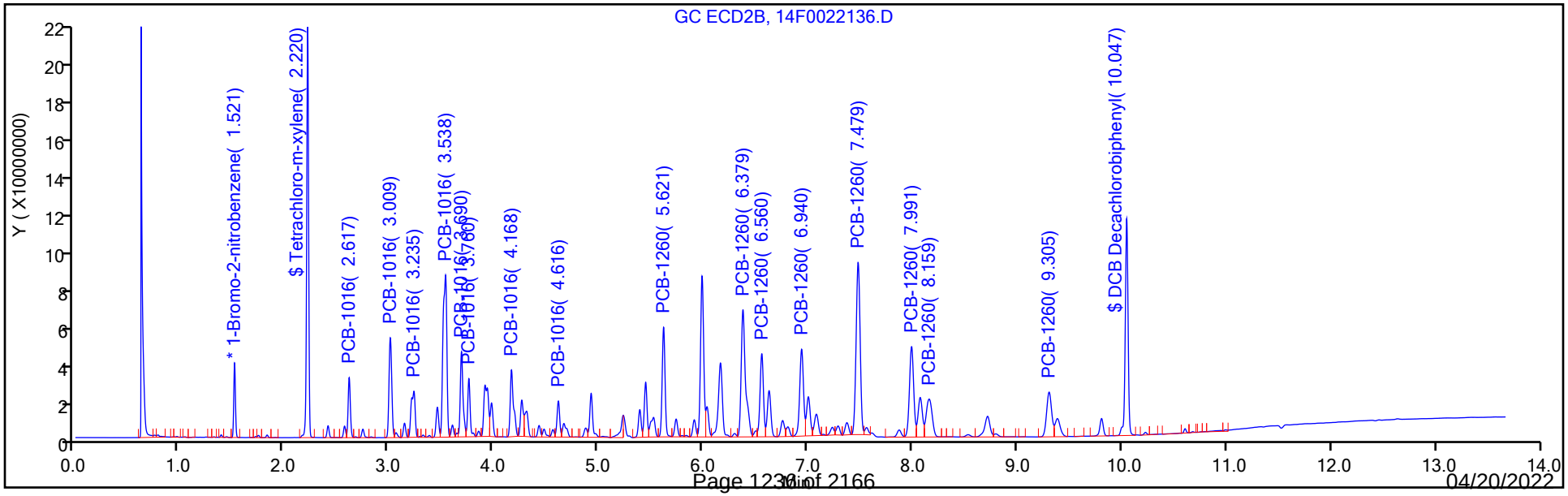
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 32

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)

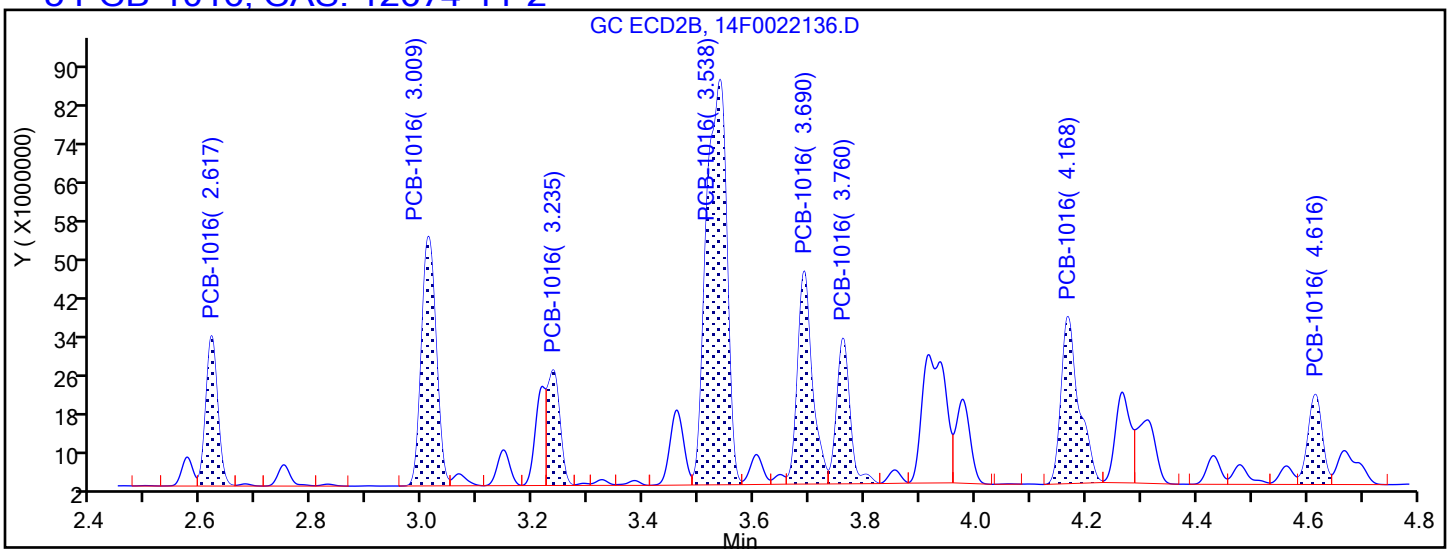


Report Date: 07-Apr-2022 13:21:54 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

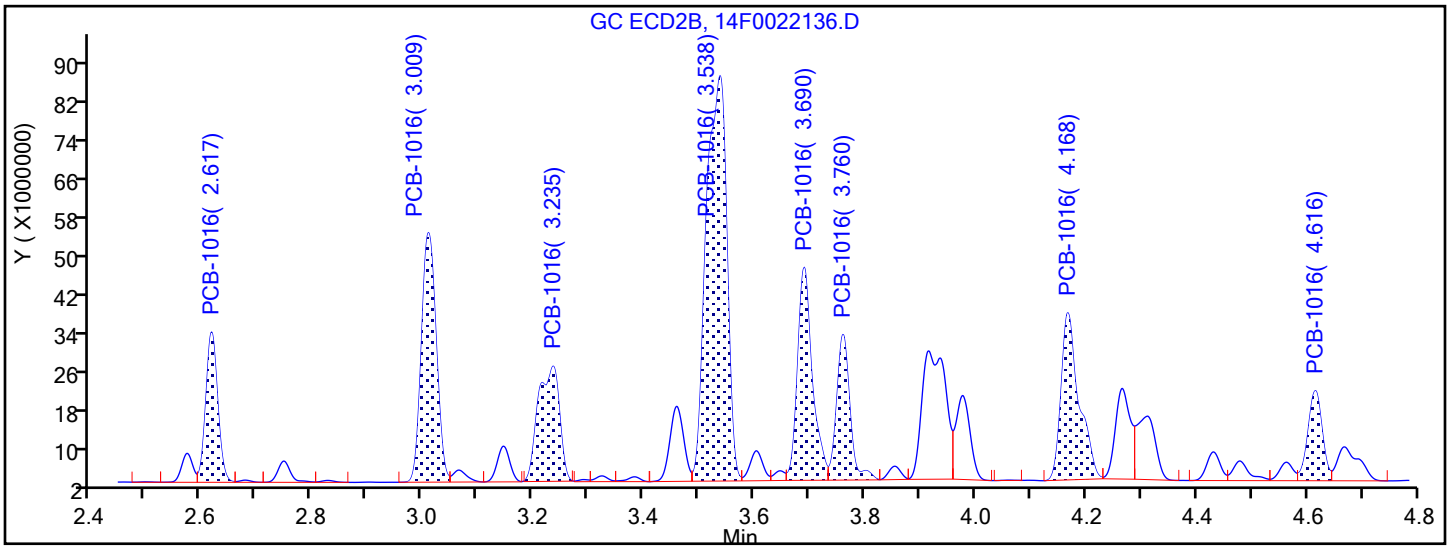
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022136.D
Injection Date: 07-Apr-2022 05:04:33 Instrument ID: CPESTGC14
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 32 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.617	Response = 46424111
3.009	Response = 95546837
3.235	Response = 37116020
3.538	Response = 215218112
3.690	Response = 81600301
3.760	Response = 50638851
4.168	Response = 76984284
4.616	Response = 33651152



Manual Integration Results

2.617	Response = 46424111	
3.009	Response = 95546837	
3.235	Response = 63020126	M
3.538	Response = 215218112	
3.690	Response = 81600301	
3.760	Response = 50638851	

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-837713/1-A

Matrix: Solid | Lab File ID: 14F0022157.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:19

Sample wt/vol: 15.00(g) | Date Analyzed: 04/07/2022 10:53

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837782 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*18*	*U*	*67*	*18*
11104-28-2	*Aroclor 1221*	*18*	*U*	*67*	*18*
11141-16-5	*Aroclor 1232*	*18*	*U*	*67*	*18*
53469-21-9	*Aroclor 1242*	*18*	*U*	*67*	*18*
12672-29-6	*Aroclor 1248*	*18*	*U*	*67*	*18*
11097-69-1	*Aroclor 1254*	*18*	*U*	*67*	*18*
11096-82-5	*Aroclor 1260*	*18*	*U*	*67*	*18*
37324-23-5	*Aroclor-1262*	*18*	*U*	*67*	*18*
11100-14-4	*Aroclor 1268*	*18*	*U*	*67*	*18*
1336-36-3	*Polychlorinated biphenyls, Total*	*18*	*U*	*67*	*18*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		37-150
877-09-8	Tetrachloro-m-xylene	104		54-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022157.D
Lims ID: MB 460-837713/1-A
Client ID:
Sample Type: MB
Inject. Date: 07-Apr-2022 10:53:21 ALS Bottle#: 53 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143711-023
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: patelji Date: 07-Apr-2022 12:51:14

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.735	1.733	0.002	17563667	20.0	20.0	
2	1.529	1.524	0.005	29474847	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.740	2.733	0.007	51548431	50.0	51.8	
2	2.229	2.220	0.009	87139171	50.0	49.0	
						RPD = 5.62	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							
1	11.135	11.157	-0.022	29420725	50.0	54.6	
2	10.052	10.047	0.005	68391832	50.0	51.6	
						RPD = 5.78	

Reagents:

SGPCBISTD_00025 Amount Added: 20.00 Units: uL Run Reagent

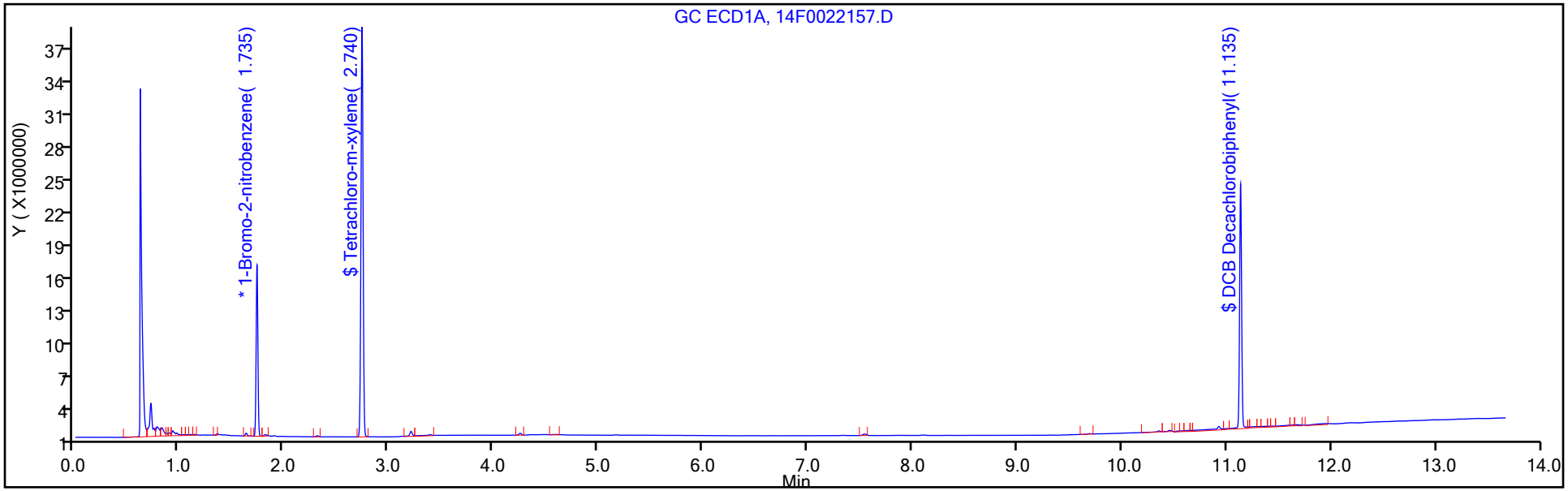
Report Date: 07-Apr-2022 13:21:33 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

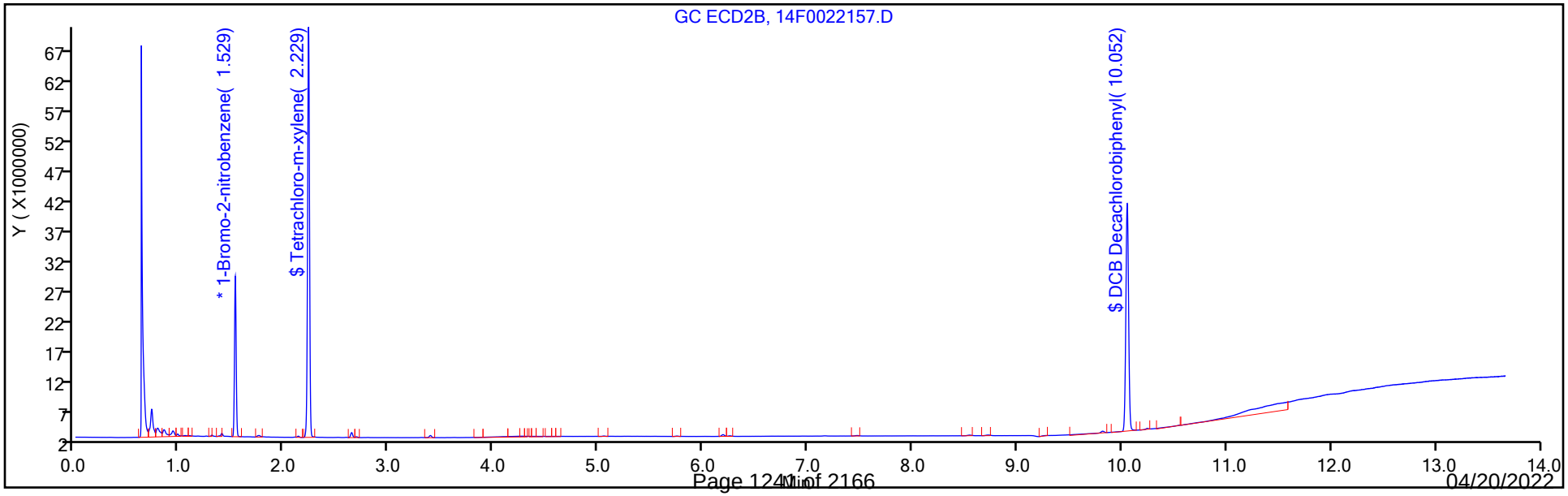
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022157.D

Injection Date:	07-Apr-2022 10:53:21	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	MB 460-837713/1-A			Worklist Smp#:	23
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	53
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022157.D
Lims ID: MB 460-837713/1-A
Client ID:
Sample Type: MB
Inject. Date: 07-Apr-2022 10:53:21 ALS Bottle#: 53 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143711-023
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: patelji Date: 07-Apr-2022 12:51:14

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	51.8	103.70
$ 11 DCB Decachlorobiphenyl	50.0	54.6	109.26

Surrogate Recovery, Detector: GC ECD2B

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	49.0	98.02
$ 11 DCB Decachlorobiphenyl	50.0	51.6	103.12

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-837713/1-A

Matrix: Solid | Lab File ID: 14F0022157.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:19

Sample wt/vol: 15.00(g) | Date Analyzed: 04/07/2022 10:53

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837782 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	18	U	67	18
11104-28-2	Aroclor 1221	18	U	67	18
11141-16-5	Aroclor 1232	18	U	67	18
53469-21-9	Aroclor 1242	18	U	67	18
12672-29-6	Aroclor 1248	18	U	67	18
11097-69-1	Aroclor 1254	18	U	67	18
11096-82-5	Aroclor 1260	18	U	67	18
37324-23-5	Aroclor-1262	18	U	67	18
11100-14-4	Aroclor 1268	18	U	67	18
1336-36-3	Polychlorinated biphenyls, Total	18	U	67	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		37-150
877-09-8	Tetrachloro-m-xylene	98		54-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022157.D
Lims ID: MB 460-837713/1-A
Client ID:
Sample Type: MB
Inject. Date: 07-Apr-2022 10:53:21 ALS Bottle#: 53 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143711-023
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: patelji Date: 07-Apr-2022 12:51:14

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.735	1.733	0.002	17563667	20.0	20.0	
2	1.529	1.524	0.005	29474847	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.740	2.733	0.007	51548431	50.0	51.8	
2	2.229	2.220	0.009	87139171	50.0	49.0	
						RPD = 5.62	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							
1	11.135	11.157	-0.022	29420725	50.0	54.6	
2	10.052	10.047	0.005	68391832	50.0	51.6	
						RPD = 5.78	

Reagents:

SGPCBISTD_00025 Amount Added: 20.00 Units: uL Run Reagent

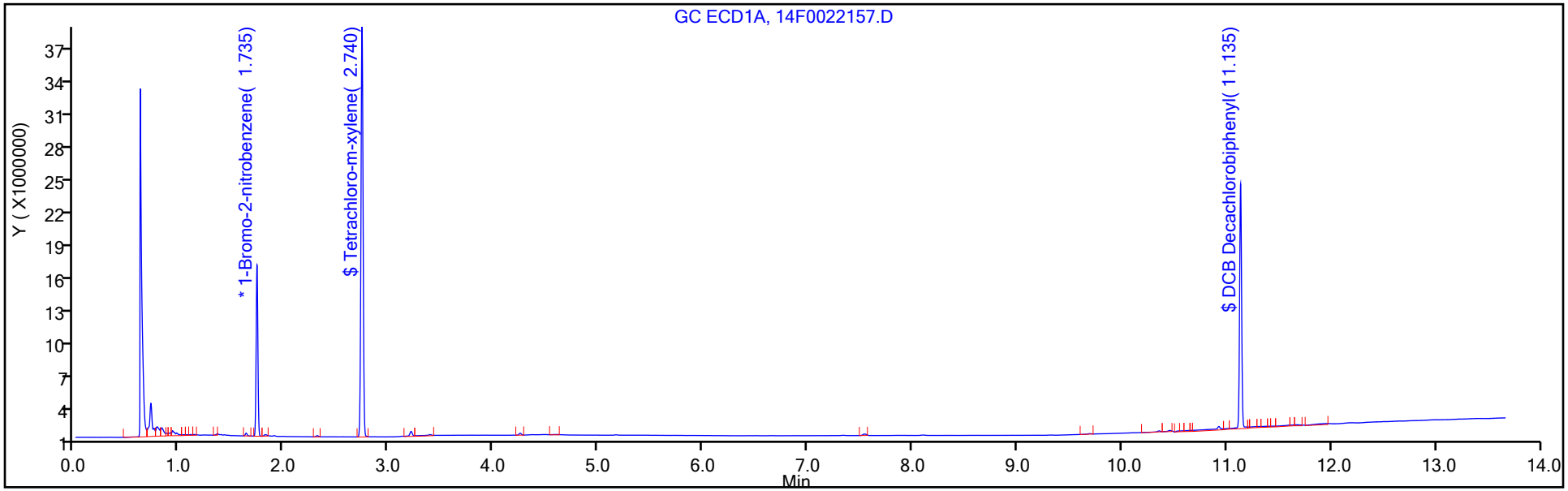
Report Date: 07-Apr-2022 13:21:33 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

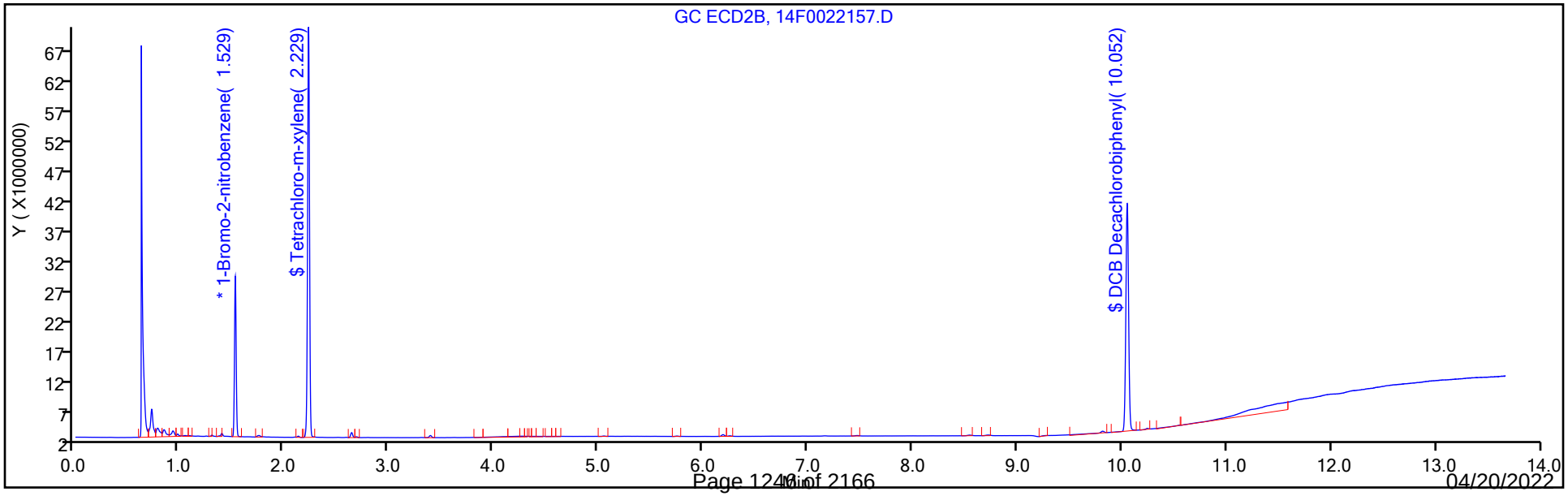
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022157.D

Injection Date:	07-Apr-2022 10:53:21	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	MB 460-837713/1-A			Worklist Smp#:	23
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	53
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022157.D
Lims ID: MB 460-837713/1-A
Client ID:
Sample Type: MB
Inject. Date: 07-Apr-2022 10:53:21 ALS Bottle#: 53 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143711-023
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: patelji Date: 07-Apr-2022 12:51:14

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	51.8	103.70
$ 11 DCB Decachlorobiphenyl	50.0	54.6	109.26

Surrogate Recovery, Detector: GC ECD2B

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	49.0	98.02
$ 11 DCB Decachlorobiphenyl	50.0	51.6	103.12

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-837782/1

Matrix: Solid | Lab File ID: 14F0022135.D

Analysis Method: 8082A | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/07/2022 04:47

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837782 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.12	U	0.50	0.12
11104-28-2	Aroclor 1221	0.12	U	0.50	0.12
11141-16-5	Aroclor 1232	0.12	U	0.50	0.12
53469-21-9	Aroclor 1242	0.12	U	0.50	0.12
12672-29-6	Aroclor 1248	0.12	U	0.50	0.12
11097-69-1	Aroclor 1254	0.11	U	0.50	0.11
11096-82-5	Aroclor 1260	0.11	U	0.50	0.11
37324-23-5	Aroclor-1262	0.11	U	0.50	0.11
11100-14-4	Aroclor 1268	0.11	U	0.50	0.11
1336-36-3	Polychlorinated biphenyls, Total	0.12	U	0.50	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	126		37-150
877-09-8	Tetrachloro-m-xylene	102		54-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022135.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 07-Apr-2022 04:47:59 ALS Bottle#: 31 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143663-031
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: manlangitf Date: 07-Apr-2022 05:27:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.733	1.733	0.000	19365009	20.0	20.0	
2	1.509	1.524	-0.015	32043699	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.738	2.733	0.005	22366211	20.0	20.4	
2	2.203	2.220	-0.017	35250884	20.0	18.2	
						RPD = 11.21	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							M
1	11.176	11.157	0.019	14979179	20.0	25.2	
2	10.043	10.047	-0.004	35360060	20.0	24.5	M
						RPD = 2.84	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPIBLK_00032	Amount Added: 1.00	Units: mL	
SGPCBISTD_00025	Amount Added: 20.00	Units: uL	Run Reagent

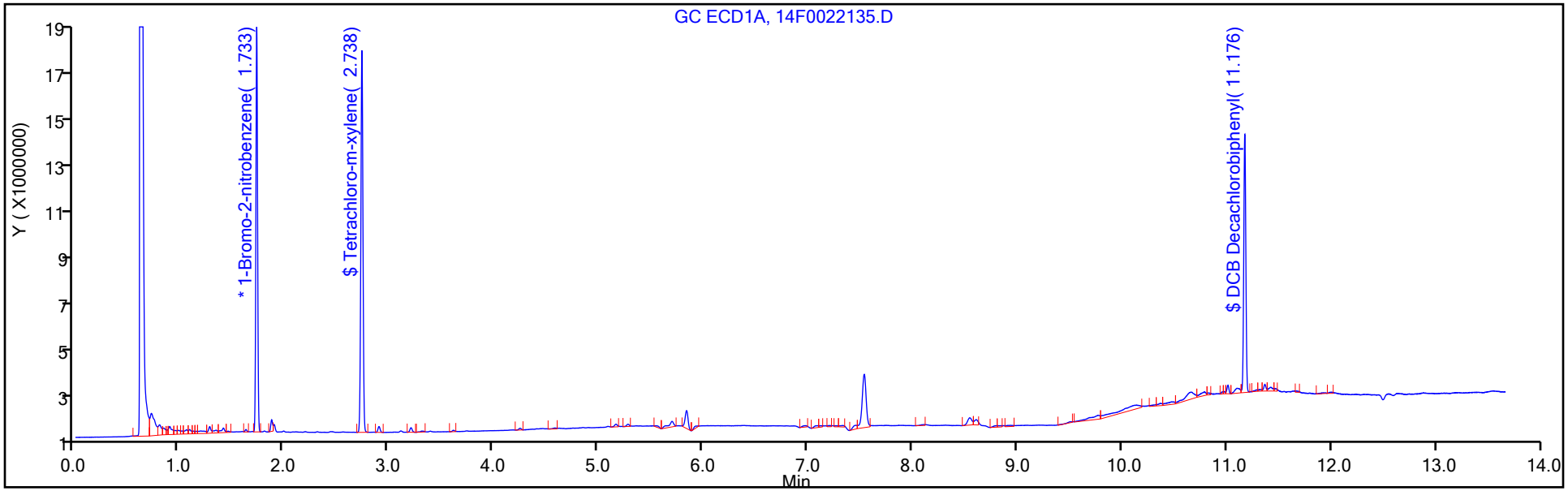
Report Date: 07-Apr-2022 13:21:51 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

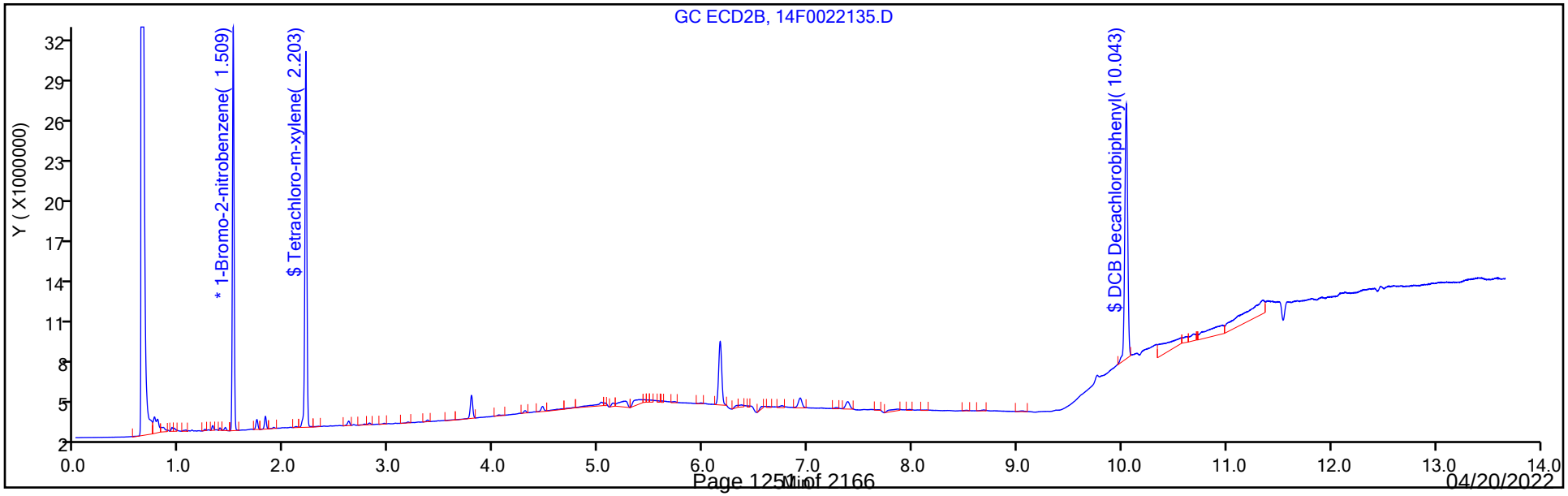
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022135.D

Injection Date:	07-Apr-2022 04:47:59	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	PIBLK			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	31
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022135.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 07-Apr-2022 04:47:59 ALS Bottle#: 31 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143663-031
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: manlangitf Date: 07-Apr-2022 05:27:23

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	20.0	20.4	102.02
$ 11 DCB Decachlorobiphenyl	20.0	25.2	126.14

Surrogate Recovery, Detector: GC ECD2B

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	20.0	18.2	91.19
$ 11 DCB Decachlorobiphenyl	20.0	24.5	122.61

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-837782/1

Matrix: Solid | Lab File ID: 14F0022135.D

Analysis Method: 8082A | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/07/2022 04:47

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837782 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*0.12*	*U*	*0.50*	*0.12*
11104-28-2	*Aroclor 1221*	*0.12*	*U*	*0.50*	*0.12*
11141-16-5	*Aroclor 1232*	*0.12*	*U*	*0.50*	*0.12*
53469-21-9	*Aroclor 1242*	*0.12*	*U*	*0.50*	*0.12*
12672-29-6	*Aroclor 1248*	*0.12*	*U*	*0.50*	*0.12*
11097-69-1	*Aroclor 1254*	*0.11*	*U*	*0.50*	*0.11*
11096-82-5	*Aroclor 1260*	*0.11*	*U*	*0.50*	*0.11*
37324-23-5	*Aroclor-1262*	*0.11*	*U*	*0.50*	*0.11*
11100-14-4	*Aroclor 1268*	*0.11*	*U*	*0.50*	*0.11*
1336-36-3	*Polychlorinated biphenyls, Total*	*0.12*	*U*	*0.50*	*0.12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	123		37-150
877-09-8	Tetrachloro-m-xylene	91		54-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022135.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 07-Apr-2022 04:47:59 ALS Bottle#: 31 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143663-031
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: manlangitf Date: 07-Apr-2022 05:27:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.733	1.733	0.000	19365009	20.0	20.0	
2	1.509	1.524	-0.015	32043699	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.738	2.733	0.005	22366211	20.0	20.4	
2	2.203	2.220	-0.017	35250884	20.0	18.2	
						RPD = 11.21	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							M
1	11.176	11.157	0.019	14979179	20.0	25.2	
2	10.043	10.047	-0.004	35360060	20.0	24.5	M
						RPD = 2.84	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPIBLK_00032	Amount Added: 1.00	Units: mL	
SGPCBISTD_00025	Amount Added: 20.00	Units: uL	Run Reagent

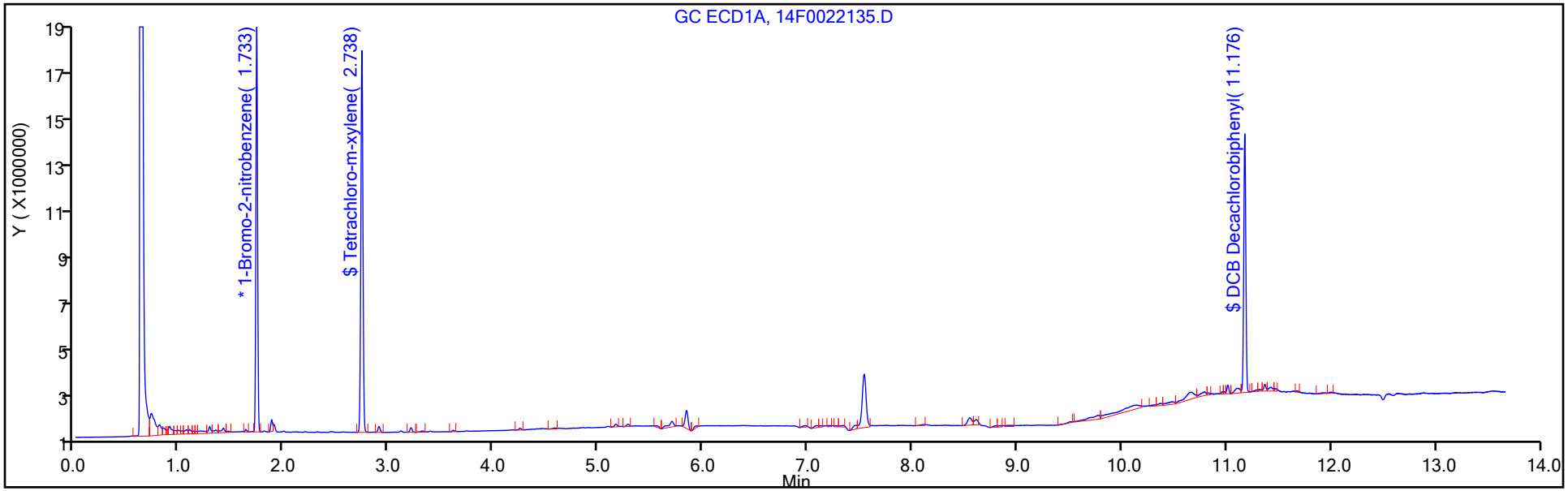
Report Date: 07-Apr-2022 13:21:52 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

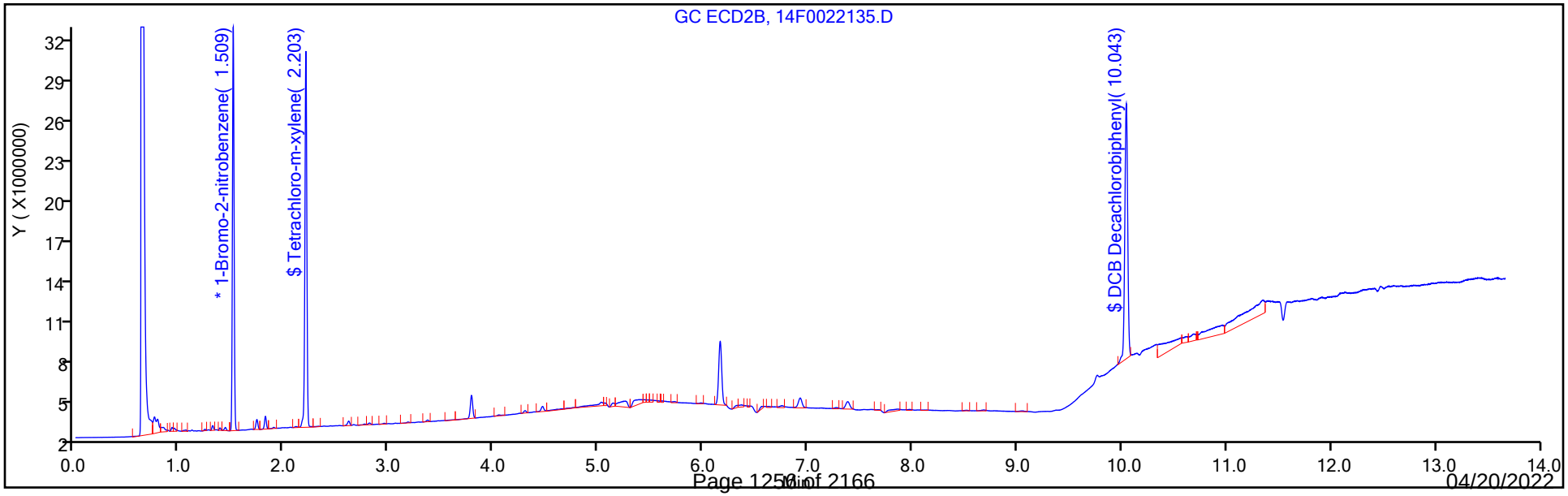
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022135.D

Injection Date:	07-Apr-2022 04:47:59	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	PIBLK			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	31
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022135.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 07-Apr-2022 04:47:59 ALS Bottle#: 31 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143663-031
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: manlangitf Date: 07-Apr-2022 05:27:23

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	20.0	20.4	102.02
$ 11 DCB Decachlorobiphenyl	20.0	25.2	126.14

Surrogate Recovery, Detector: GC ECD2B

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	20.0	18.2	91.19
$ 11 DCB Decachlorobiphenyl	20.0	24.5	122.61

Manual Integration/User Assign Peak Report

Eurofins Edison

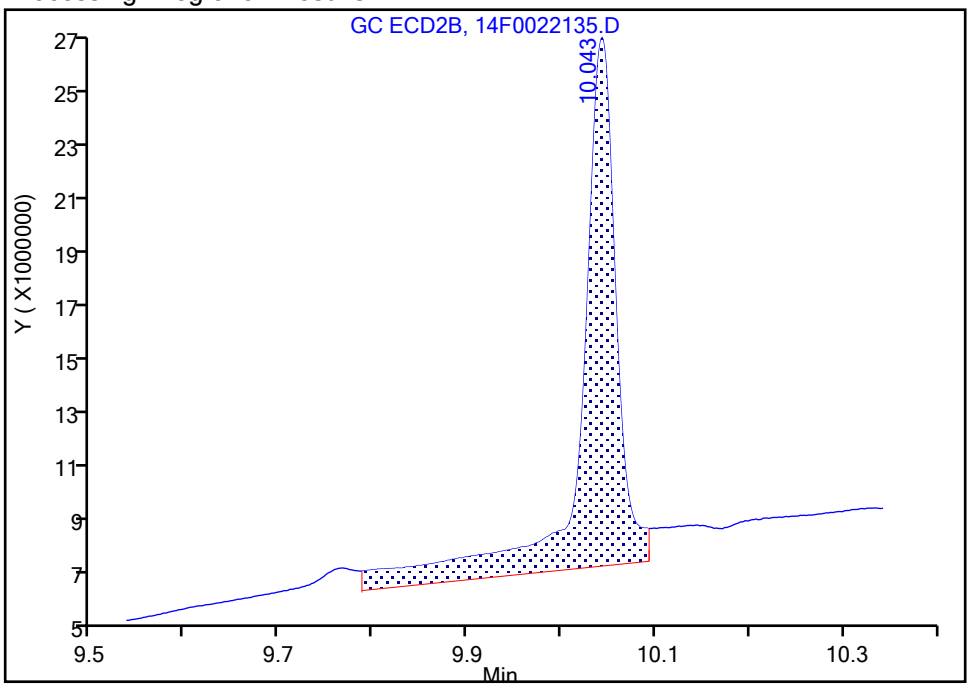
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022135.D
Injection Date: 07-Apr-2022 04:47:59 Instrument ID: CPESTGC14
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 31 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

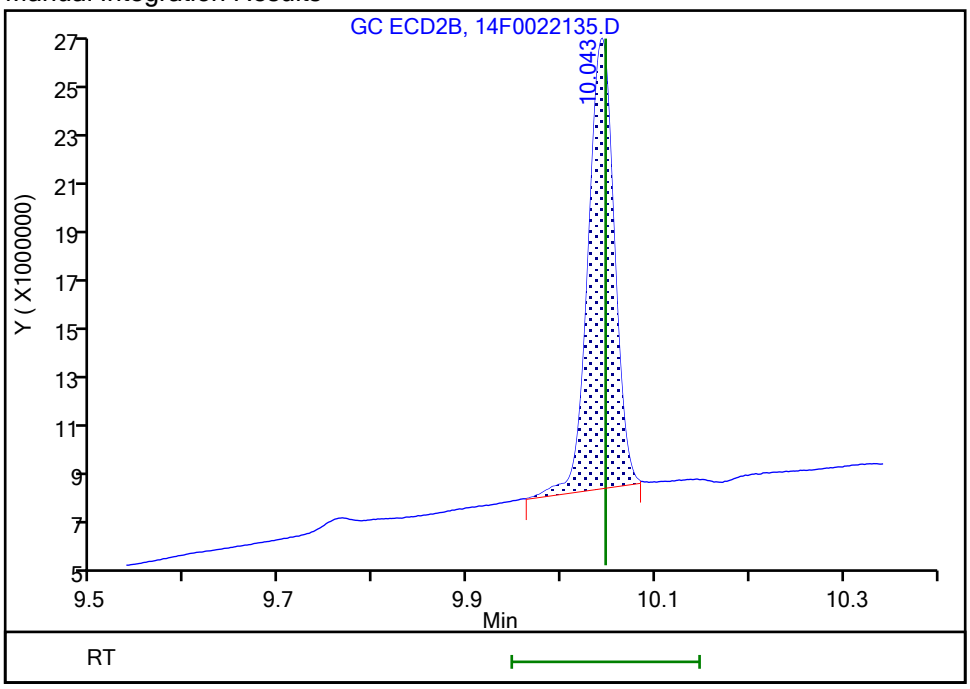
Processing Integration Results

RT: 10.04
Area: 52338238
Amount: 36.295817
Amount Units: ug/l



Manual Integration Results

RT: 10.04
Area: 35360060
Amount: 24.521694
Amount Units: ug/l



Reviewer: patelji, 07-Apr-2022 10:06:09
Audit Action: Manually Integrated Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-837713/2-A

Matrix: Solid | Lab File ID: 14F0022158.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:19

Sample wt/vol: 15.00(g) | Date Analyzed: 04/07/2022 11:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837782 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*395*		*67*	*18*
11096-82-5	*Aroclor 1260*	*421*		*67*	*18*
1336-36-3	*Polychlorinated biphenyls, Total*	*816*		*67*	*18*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		37-150
877-09-8	Tetrachloro-m-xylene	103		54-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022158.D
Lims ID: LCS 460-837713/2-A
Client ID:
Sample Type: LCS
Inject. Date: 07-Apr-2022 11:09:56 ALS Bottle#: 54 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143711-024
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: patelji Date: 07-Apr-2022 12:51:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.736	1.733	0.003	19818891	20.0	20.0	
2	1.529	1.524	0.005	33265600	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.739	2.733	0.006	57619771	50.0	51.4	
2	2.229	2.220	0.009	98362688	50.0	49.0	
						RPD = 4.66	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.365	3.359	0.006	11137018	500.0	607.7	
1	3.881	3.875	0.006	22261508	500.0	574.2	
1	4.456	4.450	0.006	45755783	500.0	560.0	
1	4.627	4.620	0.007	18608076	500.0	590.9	
1	4.755	4.748	0.007	11318102	500.0	580.5	
1	5.220	5.214	0.006	14632370	500.0	585.1	
1	5.373	5.365	0.008	16072436	500.0	655.9	
1	5.768	5.759	0.009	9583383	500.0	586.0	
		Average of Peak Amounts =				592.5	
2	2.626	2.617	0.009	20914106	500.0	583.0	
2	3.019	3.009	0.010	40362351	500.0	551.1	
2	3.245	3.235	0.010	26862908	500.0	557.4	M
2	3.548	3.538	0.010	87528732	500.0	544.7	
2	3.700	3.690	0.010	35465133	500.0	556.8	
2	3.771	3.760	0.011	20933785	500.0	554.3	
2	4.179	4.168	0.011	33157358	500.0	532.1	
2	4.626	4.616	0.010	13685813	500.0	538.7	
		Average of Peak Amounts =				552.3	
						RPD = 7.04	
8 PCB-1260							
1	6.804	6.796	0.008	13827439	500.0	673.6	
1	7.071	7.062	0.009	28591084	500.0	616.8	
1	7.453	7.445	0.008	33858357	500.0	645.7	
1	8.321	8.312	0.009	25914937	500.0	638.8	
1	8.939	8.927	0.012	27372583	500.0	655.3	
1	9.506	9.499	0.007	60192056	500.0	653.8	
1	10.029	10.027	0.002	37277395	500.0	619.1	
1	10.643	10.652	-0.009	13262508	500.0	551.9	
		Average of Peak Amounts =				631.9	
2	5.632	5.621	0.011	48467167	500.0	592.4	
2	6.391	6.379	0.012	81725512	500.0	573.3	
2	6.570	6.560	0.010	46482900	500.0	590.9	
2	6.953	6.940	0.013	51270076	500.0	594.4	
2	7.494	7.479	0.015	116147575	500.0	589.1	
2	8.006	7.991	0.015	59608451	500.0	601.0	
2	8.173	8.159	0.014	31592929	500.0	539.2	
2	9.323	9.305	0.018	29666364	500.0	509.6	
		Average of Peak Amounts =				573.7	
						RPD = 9.65	
$ 11 DCB Decachlorobiphenyl							
1	11.139	11.157	-0.018	31764549	50.0	52.3	
2	10.052	10.047	0.005	76101031	50.0	50.8	
						RPD = 2.78	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SGPCBISTD_00025 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Apr-2022 13:21:34 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022158.D

Injection Date: 07-Apr-2022 11:09:56 Instrument ID: CPESTGC14 Operator ID:

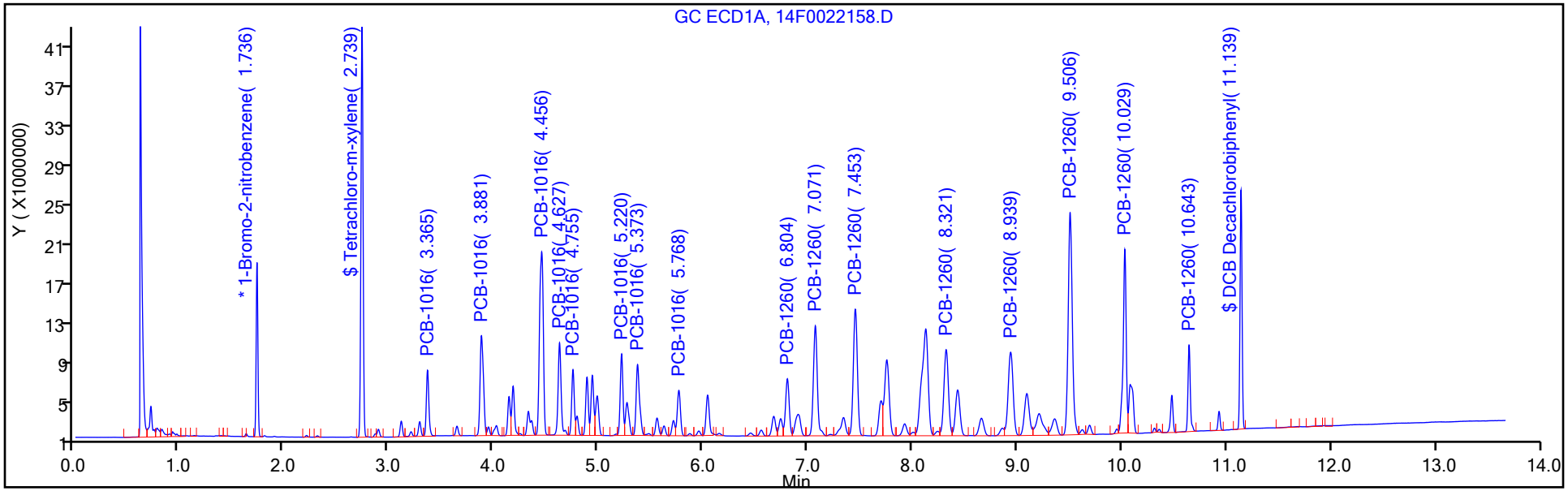
Lims ID: LCS 460-837713/2-A Worklist Smp#: 24

Client ID:

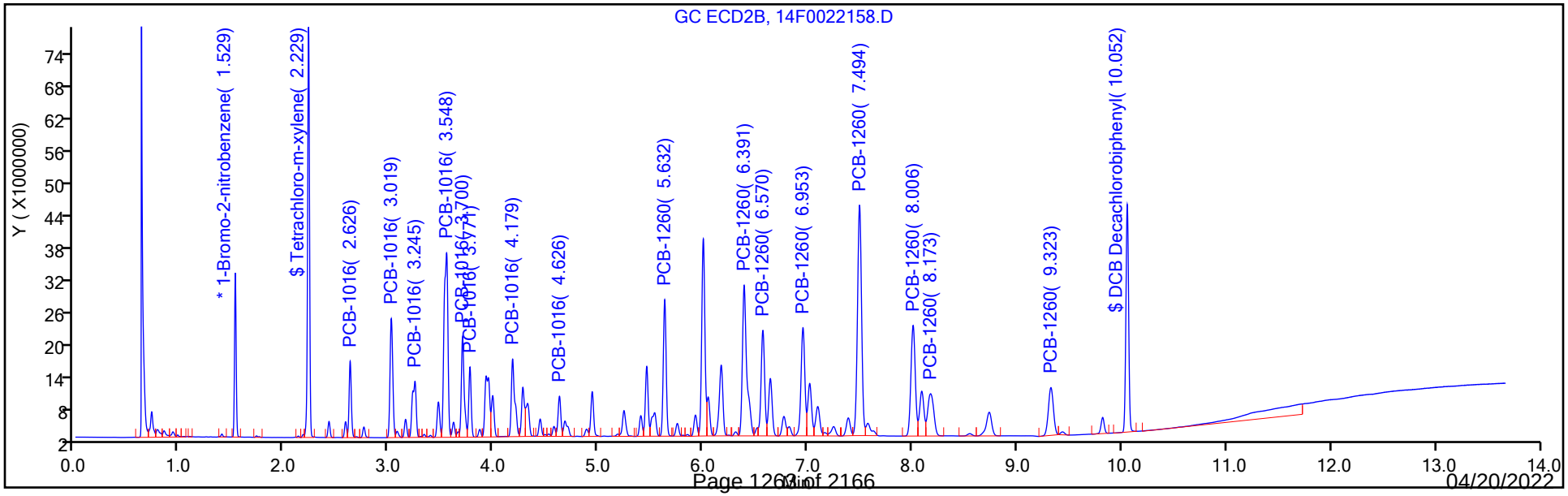
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 54

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022158.D
Lims ID: LCS 460-837713/2-A
Client ID:
Sample Type: LCS
Inject. Date: 07-Apr-2022 11:09:56 ALS Bottle#: 54 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143711-024
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: patelji Date: 07-Apr-2022 12:51:09

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	51.4	102.72
$ 11 DCB Decachlorobiphenyl	50.0	52.3	104.54

Surrogate Recovery, Detector: GC ECD2B

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	49.0	98.04
$ 11 DCB Decachlorobiphenyl	50.0	50.8	101.67

Report Date: 07-Apr-2022 13:21:34 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022158.D

Injection Date: 07-Apr-2022 11:09:56 Instrument ID: CPESTGC14

Lims ID: LCS 460-837713/2-A

Client ID:

Operator ID: ALS Bottle#: 54 Worklist Smp#: 24

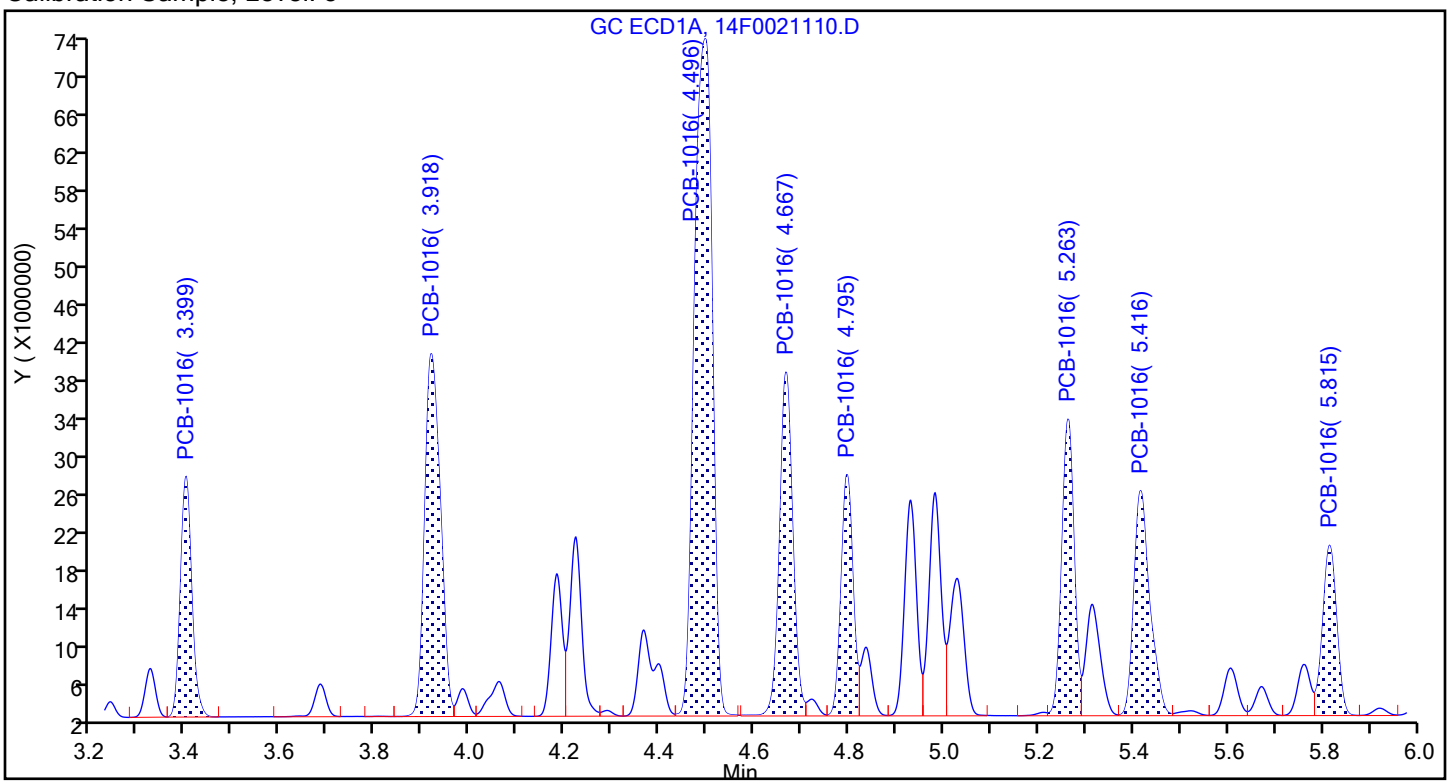
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

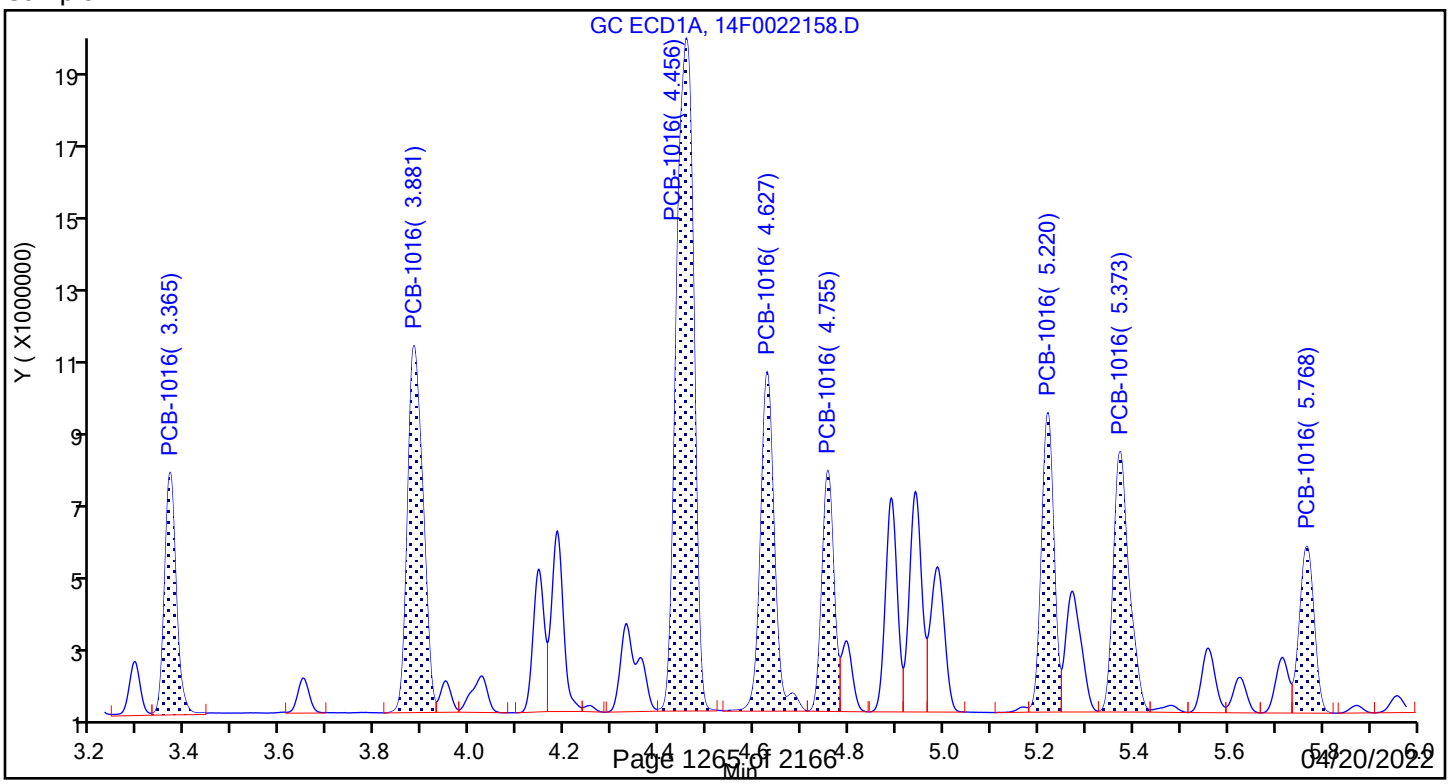
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

5 PCB-1016, CAS: 12674-11-2

Calibration Sample, Level: 5



Sample



Report Date: 07-Apr-2022 13:21:35 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022158.D

Injection Date: 07-Apr-2022 11:09:56 Instrument ID: CPESTGC14

Lims ID: LCS 460-837713/2-A

Client ID:

Operator ID: ALS Bottle#: 54 Worklist Smp#: 24

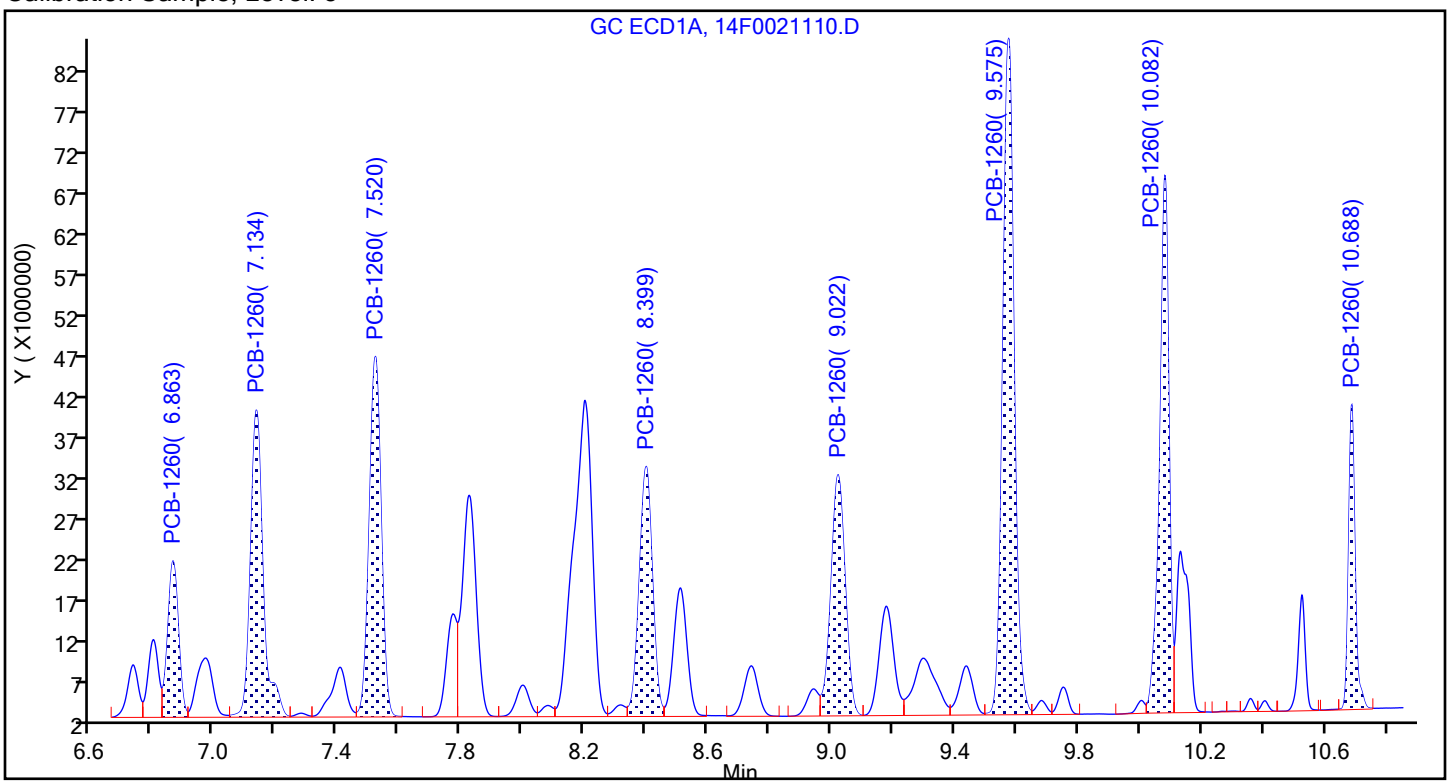
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

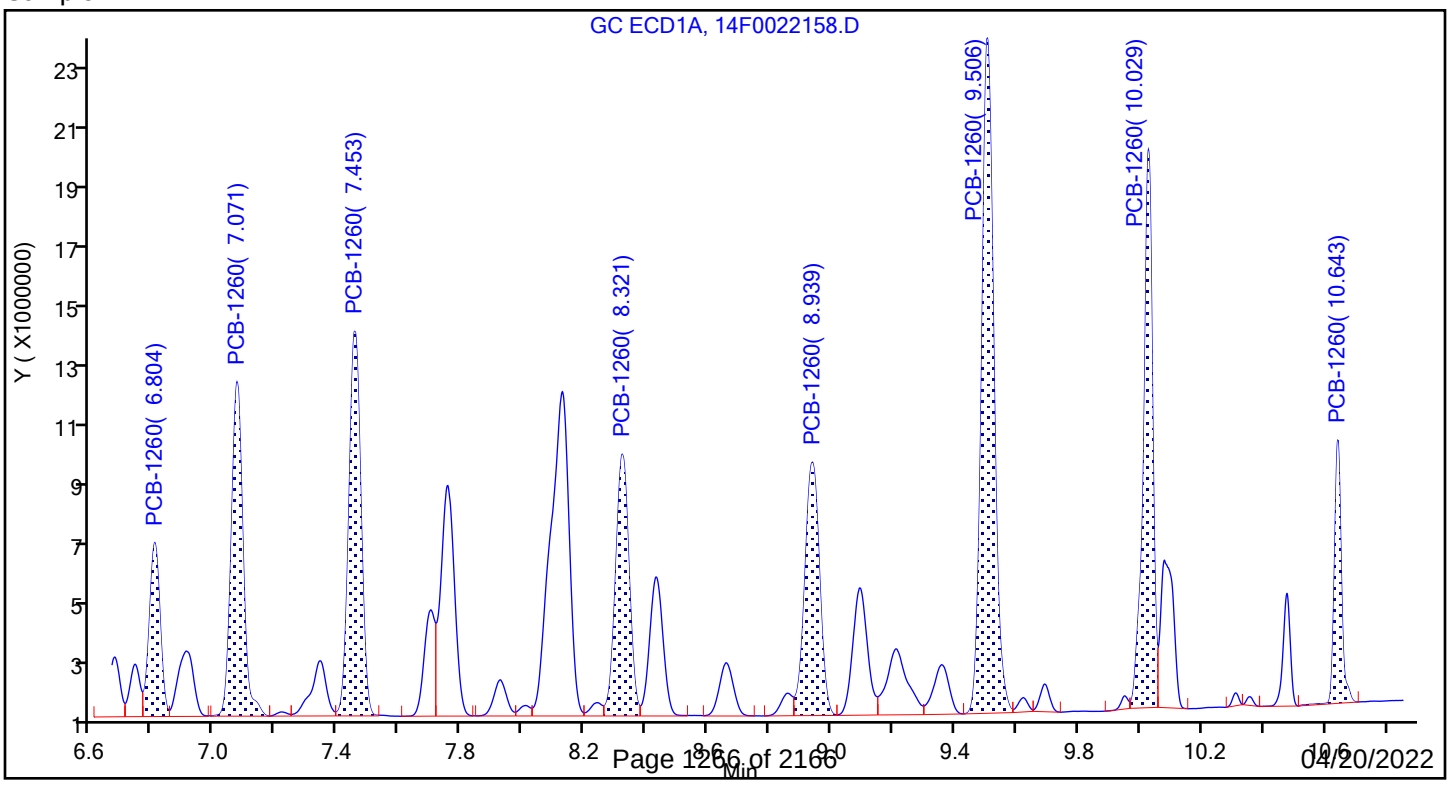
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5

Calibration Sample, Level: 5



Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-837713/2-A

Matrix: Solid | Lab File ID: 14F0022158.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:19

Sample wt/vol: 15.00(g) | Date Analyzed: 04/07/2022 11:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837782 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	368		67	18
11096-82-5	Aroclor 1260	382		67	18
1336-36-3	Polychlorinated biphenyls, Total	750		67	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		37-150
877-09-8	Tetrachloro-m-xylene	98		54-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022158.D
Lims ID: LCS 460-837713/2-A
Client ID:
Sample Type: LCS
Inject. Date: 07-Apr-2022 11:09:56 ALS Bottle#: 54 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143711-024
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: patelji Date: 07-Apr-2022 12:51:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.736	1.733	0.003	19818891	20.0	20.0	
2	1.529	1.524	0.005	33265600	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.739	2.733	0.006	57619771	50.0	51.4	
2	2.229	2.220	0.009	98362688	50.0	49.0	
						RPD = 4.66	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.365	3.359	0.006	11137018	500.0	607.7	
1	3.881	3.875	0.006	22261508	500.0	574.2	
1	4.456	4.450	0.006	45755783	500.0	560.0	
1	4.627	4.620	0.007	18608076	500.0	590.9	
1	4.755	4.748	0.007	11318102	500.0	580.5	
1	5.220	5.214	0.006	14632370	500.0	585.1	
1	5.373	5.365	0.008	16072436	500.0	655.9	
1	5.768	5.759	0.009	9583383	500.0	586.0	
		Average of Peak Amounts =				592.5	
2	2.626	2.617	0.009	20914106	500.0	583.0	
2	3.019	3.009	0.010	40362351	500.0	551.1	
2	3.245	3.235	0.010	26862908	500.0	557.4	M
2	3.548	3.538	0.010	87528732	500.0	544.7	
2	3.700	3.690	0.010	35465133	500.0	556.8	
2	3.771	3.760	0.011	20933785	500.0	554.3	
2	4.179	4.168	0.011	33157358	500.0	532.1	
2	4.626	4.616	0.010	13685813	500.0	538.7	
		Average of Peak Amounts =				552.3	
						RPD = 7.04	
8 PCB-1260							
1	6.804	6.796	0.008	13827439	500.0	673.6	
1	7.071	7.062	0.009	28591084	500.0	616.8	
1	7.453	7.445	0.008	33858357	500.0	645.7	
1	8.321	8.312	0.009	25914937	500.0	638.8	
1	8.939	8.927	0.012	27372583	500.0	655.3	
1	9.506	9.499	0.007	60192056	500.0	653.8	
1	10.029	10.027	0.002	37277395	500.0	619.1	
1	10.643	10.652	-0.009	13262508	500.0	551.9	
		Average of Peak Amounts =				631.9	
2	5.632	5.621	0.011	48467167	500.0	592.4	
2	6.391	6.379	0.012	81725512	500.0	573.3	
2	6.570	6.560	0.010	46482900	500.0	590.9	
2	6.953	6.940	0.013	51270076	500.0	594.4	
2	7.494	7.479	0.015	116147575	500.0	589.1	
2	8.006	7.991	0.015	59608451	500.0	601.0	
2	8.173	8.159	0.014	31592929	500.0	539.2	
2	9.323	9.305	0.018	29666364	500.0	509.6	
		Average of Peak Amounts =				573.7	
						RPD = 9.65	
$ 11 DCB Decachlorobiphenyl							
1	11.139	11.157	-0.018	31764549	50.0	52.3	
2	10.052	10.047	0.005	76101031	50.0	50.8	
						RPD = 2.78	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SGPCBISTD_00025 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Apr-2022 13:21:35 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022158.D

Injection Date: 07-Apr-2022 11:09:56 Instrument ID: CPESTGC14 Operator ID:

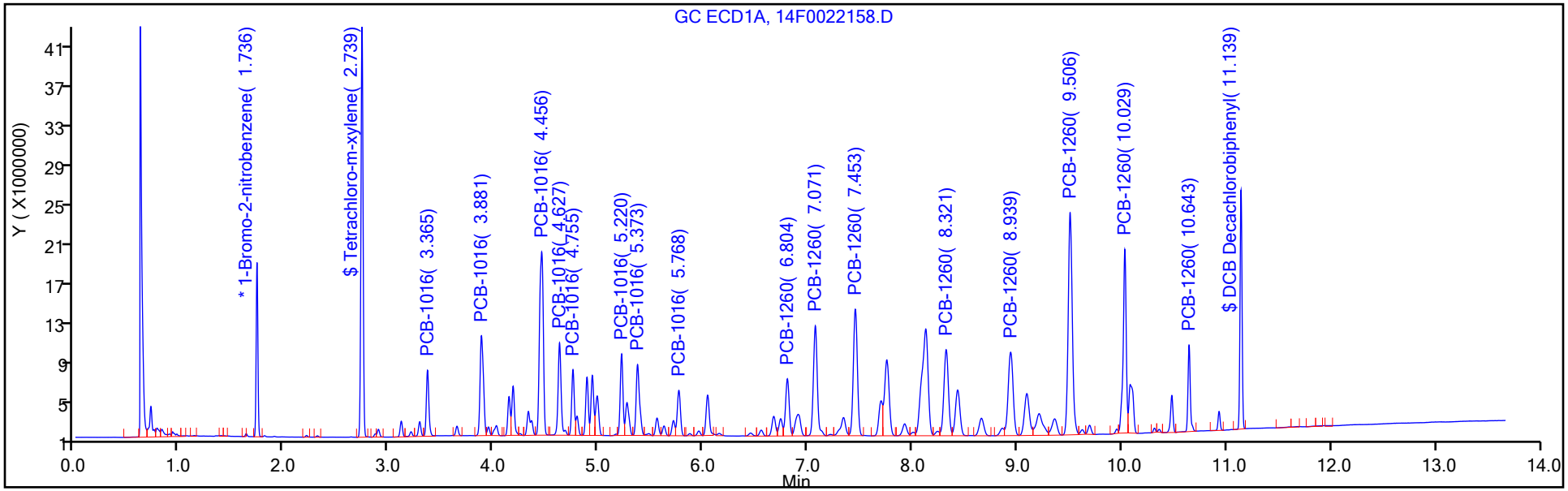
Lims ID: LCS 460-837713/2-A Worklist Smp#: 24

Client ID:

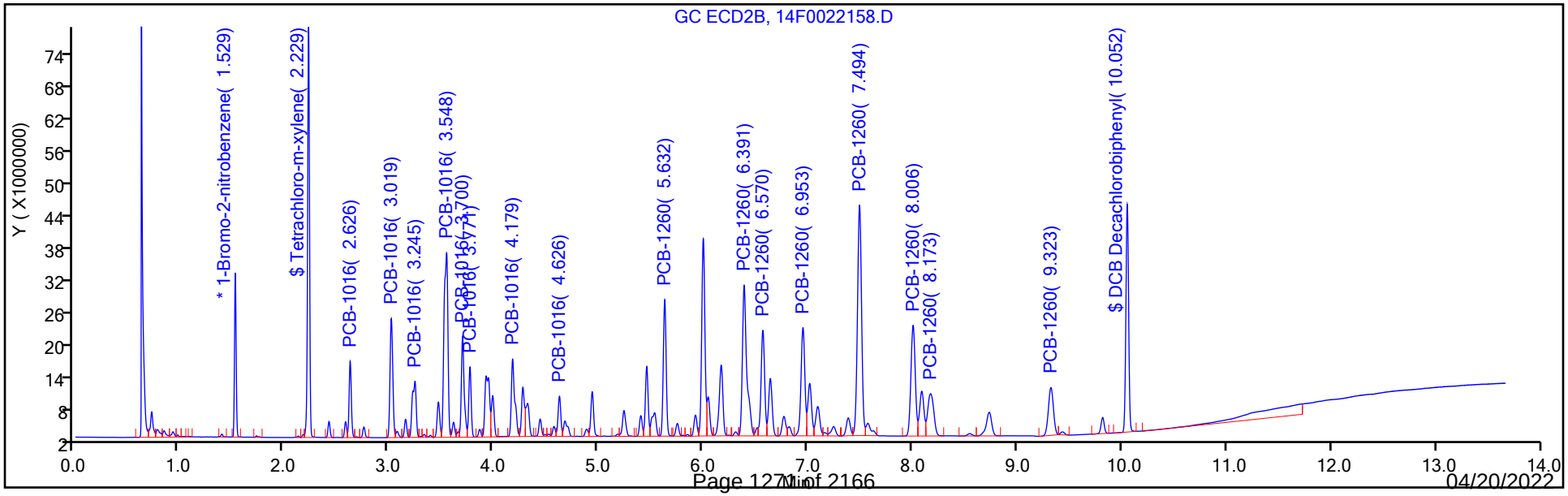
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 54

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022158.D
Lims ID: LCS 460-837713/2-A
Client ID:
Sample Type: LCS
Inject. Date: 07-Apr-2022 11:09:56 ALS Bottle#: 54 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143711-024
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: patelji Date: 07-Apr-2022 12:51:09

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	51.4	102.72
$ 11 DCB Decachlorobiphenyl	50.0	52.3	104.54

Surrogate Recovery, Detector: GC ECD2B

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	49.0	98.04
$ 11 DCB Decachlorobiphenyl	50.0	50.8	101.67

Report Date: 07-Apr-2022 13:21:35 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022158.D

Injection Date: 07-Apr-2022 11:09:56 Instrument ID: CPESTGC14

Lims ID: LCS 460-837713/2-A

Client ID:

Operator ID: ALS Bottle#: 54 Worklist Smp#: 24

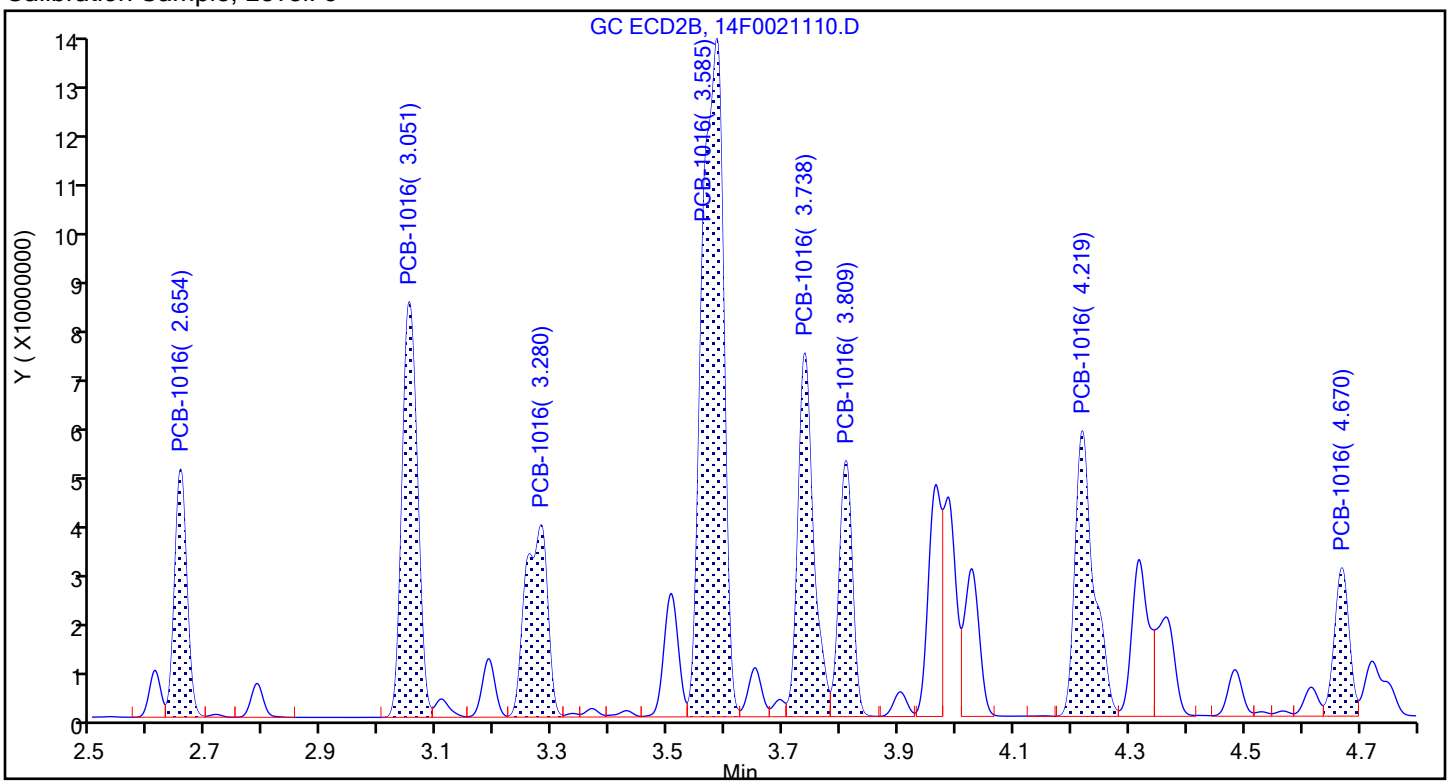
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

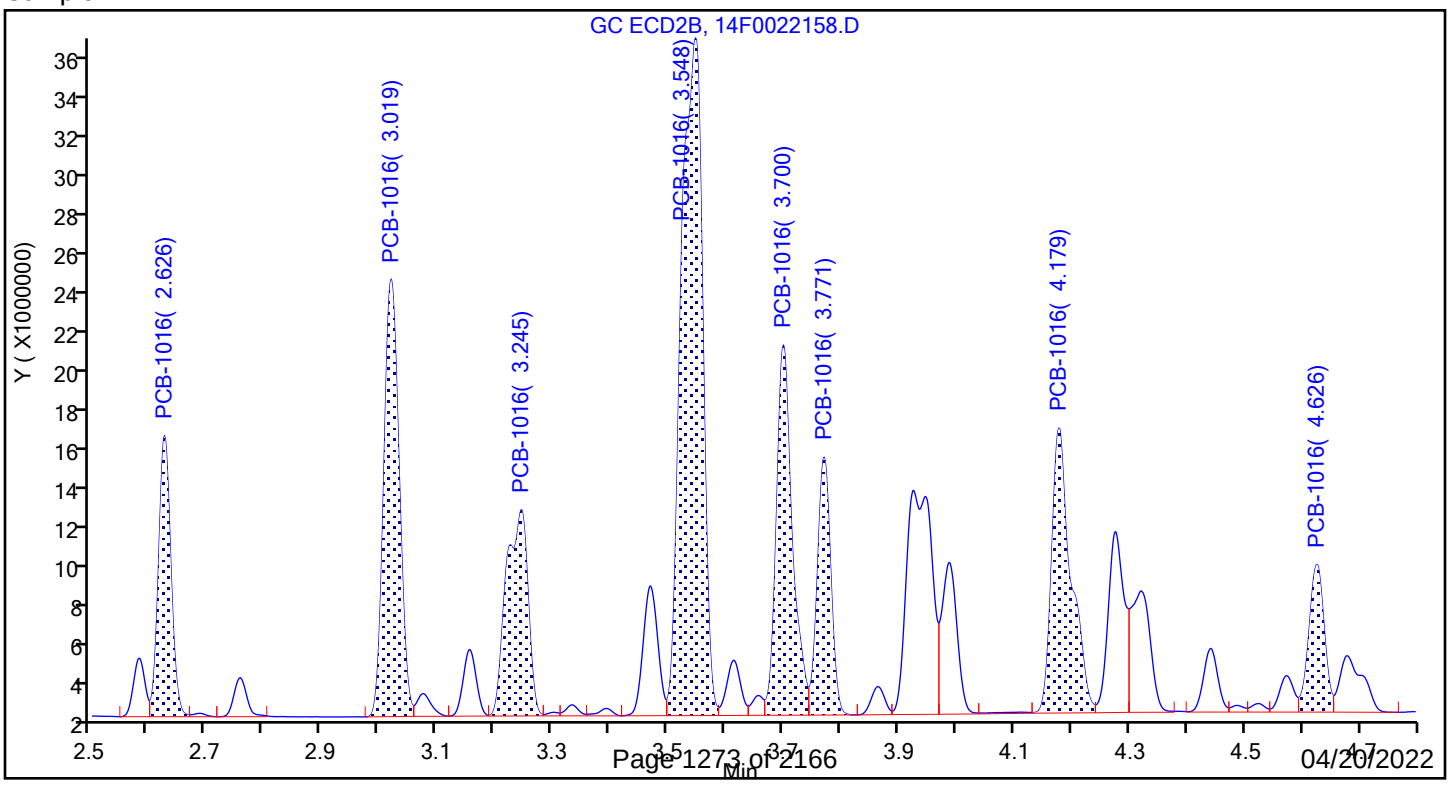
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2

Calibration Sample, Level: 5



Sample



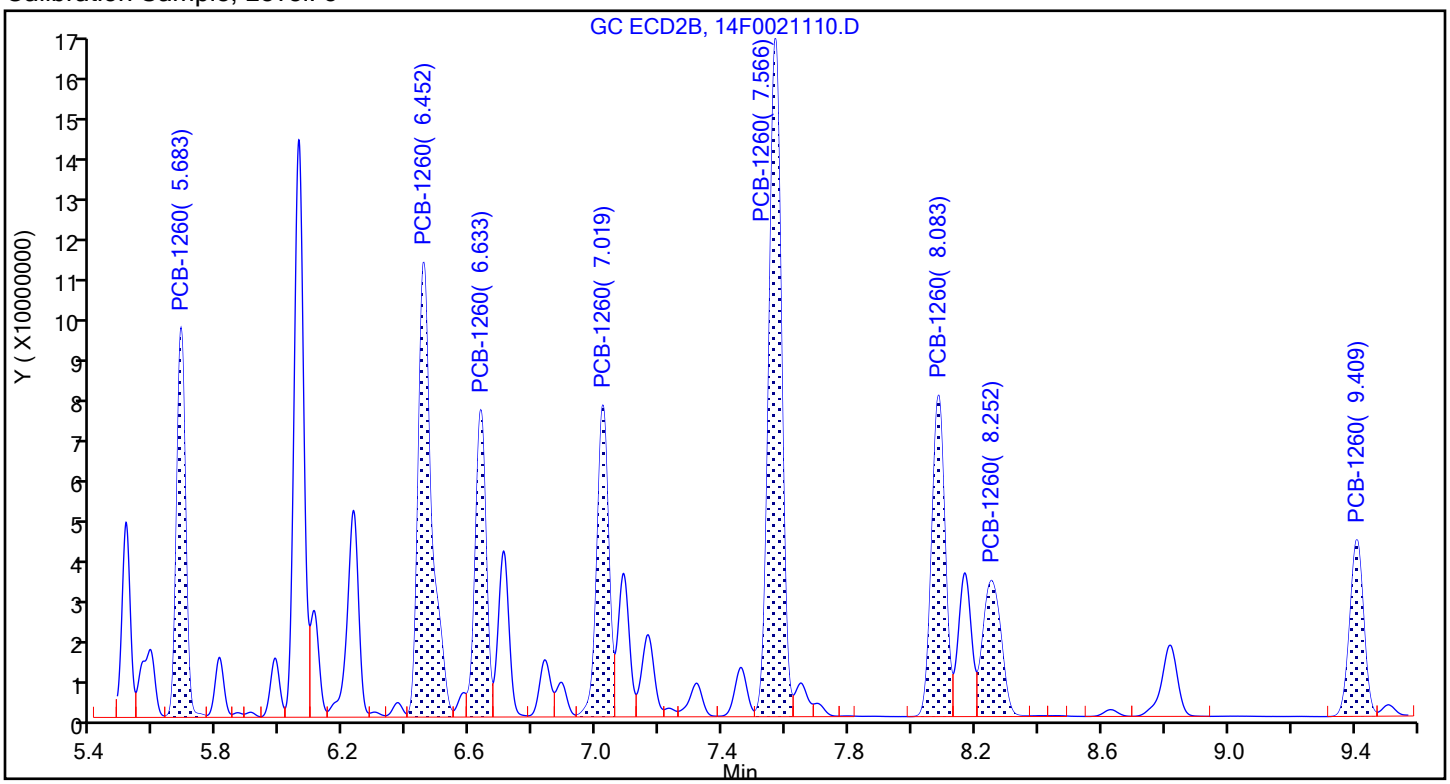
Report Date: 07-Apr-2022 13:21:35 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

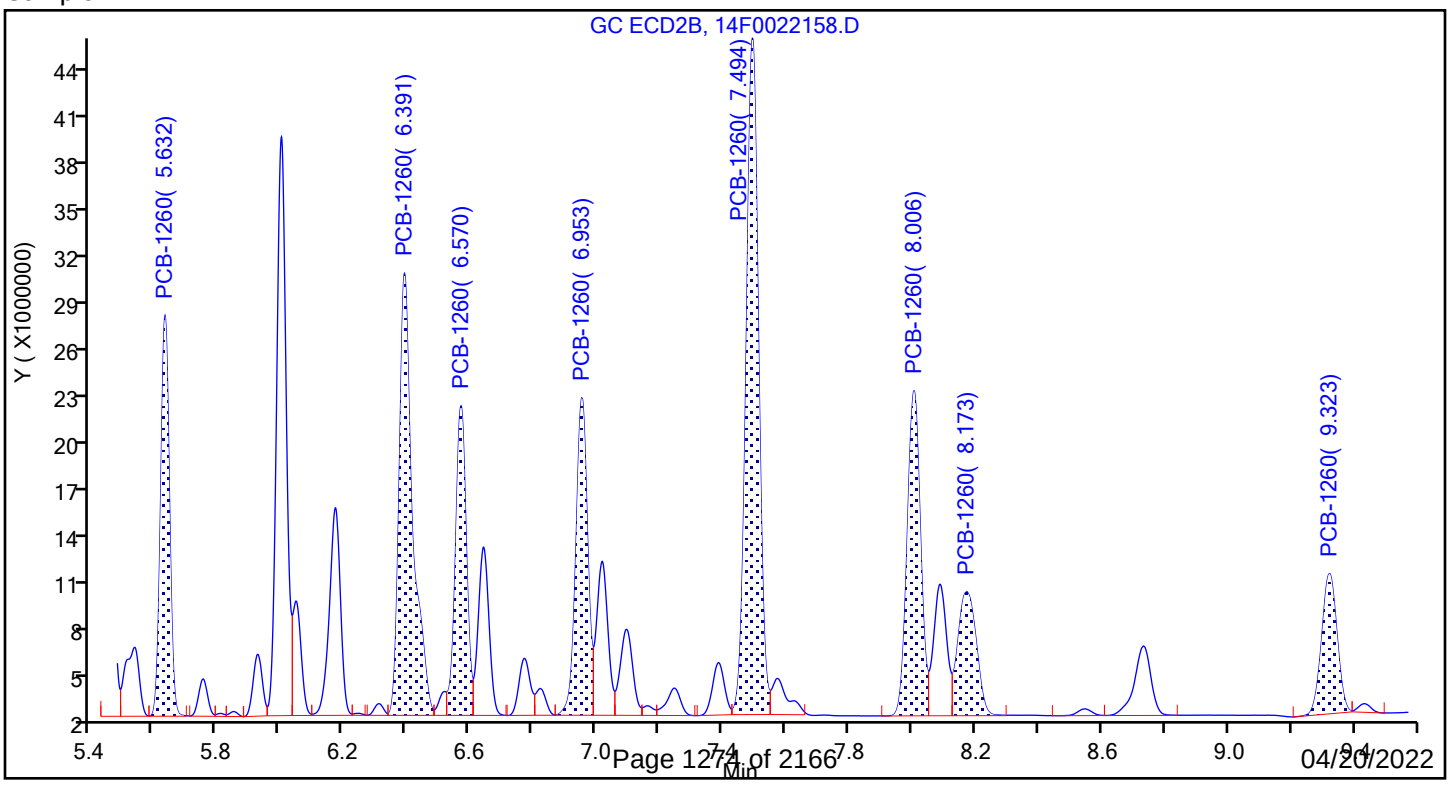
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022158.D
Injection Date: 07-Apr-2022 11:09:56 Instrument ID: CPESTGC14
Lims ID: LCS 460-837713/2-A
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5

Calibration Sample, Level: 5



Sample

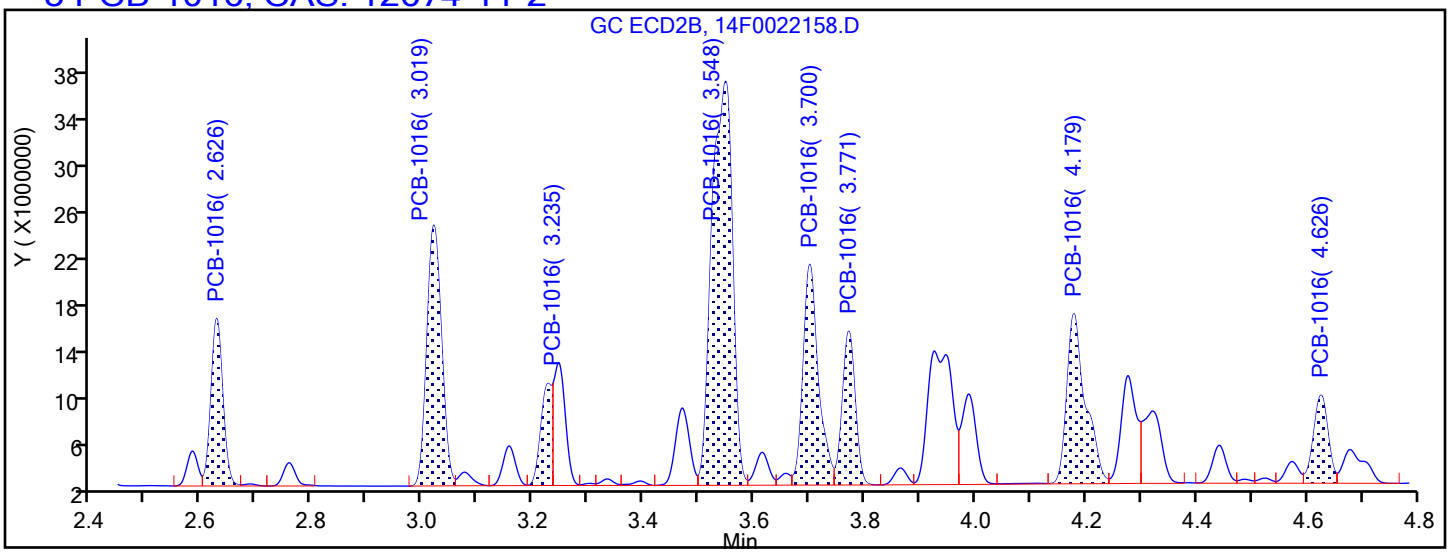


Report Date: 07-Apr-2022 13:21:35 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

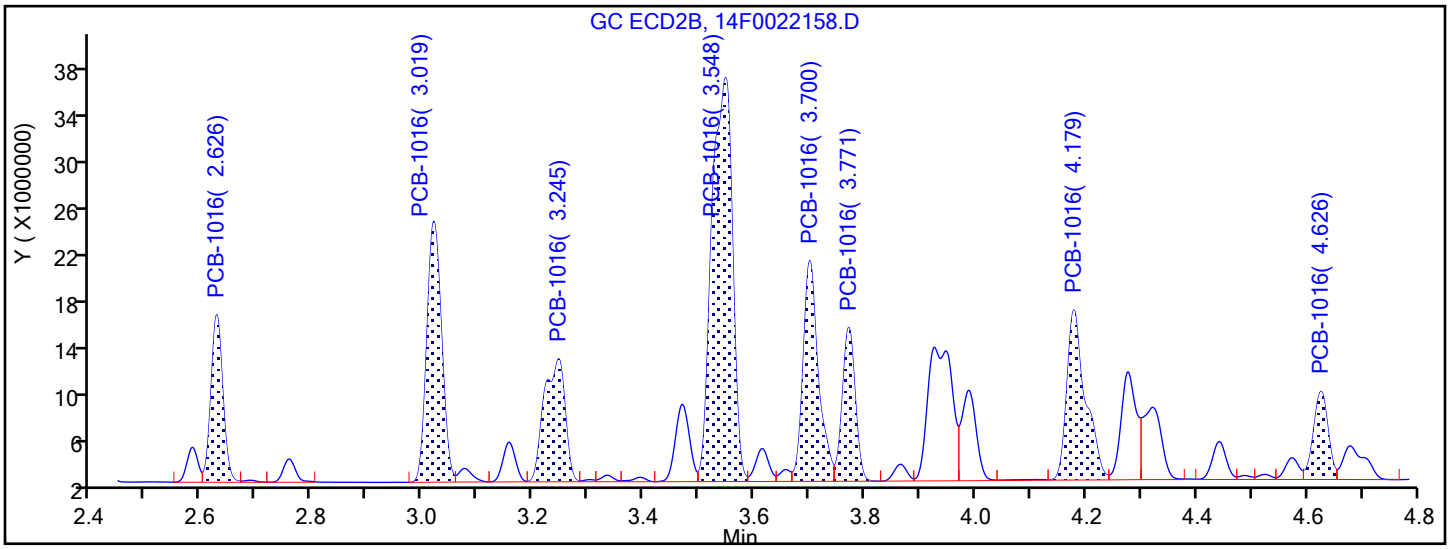
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022158.D
Injection Date: 07-Apr-2022 11:09:56 Instrument ID: CPESTGC14
Lims ID: LCS 460-837713/2-A
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.626	Response = 20914106
3.019	Response = 40362351
3.235	Response = 12195248
3.548	Response = 87528732
3.700	Response = 35465133
3.771	Response = 20933785
4.179	Response = 33157358
4.626	Response = 13685813



Manual Integration Results

2.626	Response = 20914106	
3.019	Response = 40362351	
3.245	Response = 26862908	M
3.548	Response = 87528732	
3.700	Response = 35465133	
3.771	Response = 20933785	

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-837713/3-A

Matrix: Solid | Lab File ID: 14F0022159.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:19

Sample wt/vol: 15.00(g) | Date Analyzed: 04/07/2022 11:26

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837782 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*380*		*67*	*18*
11096-82-5	*Aroclor 1260*	*413*		*67*	*18*
1336-36-3	*Polychlorinated biphenyls, Total*	*793*		*67*	*18*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		37-150
877-09-8	Tetrachloro-m-xylene	97		54-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022159.D
Lims ID: LCSD 460-837713/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 07-Apr-2022 11:26:37 ALS Bottle#: 55 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143711-025
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: patelji Date: 07-Apr-2022 12:50:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.736	1.733	0.003	21393675	20.0	20.0	
2	1.528	1.524	0.004	35796525	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.739	2.733	0.006	58602753	50.0	48.4	
2	2.228	2.220	0.008	99714721	50.0	46.2	
						RPD = 4.68	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.366	3.359	0.007	11842349	500.0	598.6	
1	3.881	3.875	0.006	23424788	500.0	559.7	
1	4.456	4.450	0.006	47390555	500.0	537.3	
1	4.627	4.620	0.007	18555413	500.0	545.9	
1	4.755	4.748	0.007	11692976	500.0	555.6	
1	5.219	5.214	0.005	15218256	500.0	563.7	
1	5.373	5.365	0.008	16721038	500.0	632.2	
1	5.768	5.759	0.009	9985907	500.0	565.6	
		Average of Peak Amounts =				569.8	
2	2.625	2.617	0.008	21765325	500.0	563.8	
2	3.018	3.009	0.009	42121221	500.0	534.4	
2	3.245	3.235	0.010	28033628	500.0	540.6	
2	3.548	3.538	0.010	91292379	500.0	528.0	
2	3.700	3.690	0.010	36851497	500.0	537.7	
2	3.770	3.760	0.010	21720204	500.0	534.4	
2	4.178	4.168	0.010	34597899	500.0	516.0	M
2	4.626	4.616	0.010	14371491	500.0	525.7	M
		Average of Peak Amounts =				535.1	
						RPD = 6.29	
8 PCB-1260							
1	6.803	6.796	0.007	14404211	500.0	650.0	
1	7.071	7.062	0.009	29957334	500.0	598.7	
1	7.454	7.445	0.009	35487364	500.0	627.0	
1	8.323	8.312	0.011	27490993	500.0	627.8	
1	8.938	8.927	0.011	29010938	500.0	643.4	
1	9.506	9.499	0.007	63945792	500.0	643.5	
1	10.028	10.027	0.001	40318591	500.0	620.3	
1	10.644	10.652	-0.008	14066345	500.0	542.2	
		Average of Peak Amounts =				619.1	
2	5.632	5.621	0.011	50528171	500.0	573.9	
2	6.390	6.379	0.011	84303602	500.0	549.6	
2	6.570	6.560	0.010	50213299	500.0	593.1	
2	6.953	6.940	0.013	53528491	500.0	576.7	
2	7.493	7.479	0.014	121880889	500.0	574.4	
2	8.005	7.991	0.014	62727531	500.0	587.7	
2	8.173	8.159	0.014	33282831	500.0	527.9	
2	9.321	9.305	0.016	31694634	500.0	506.0	
		Average of Peak Amounts =				561.2	
						RPD = 9.82	
$ 11 DCB Decachlorobiphenyl							
1	11.143	11.157	-0.014	32945328	50.0	50.2	
2	10.052	10.047	0.005	77618183	50.0	48.2	
						RPD = 4.15	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SGPCBISTD_00025 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Apr-2022 13:21:36 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022159.D

Injection Date: 07-Apr-2022 11:26:37 Instrument ID: CPESTGC14 Operator ID:

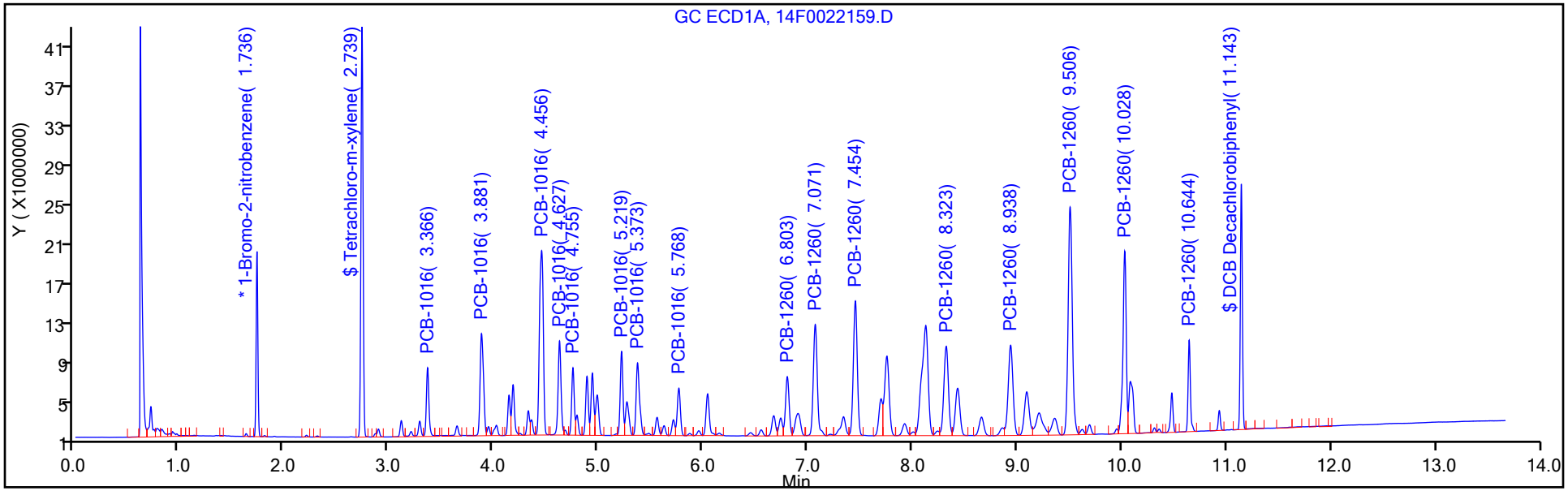
Lims ID: LCSD 460-837713/3-A Worklist Smp#: 25

Client ID:

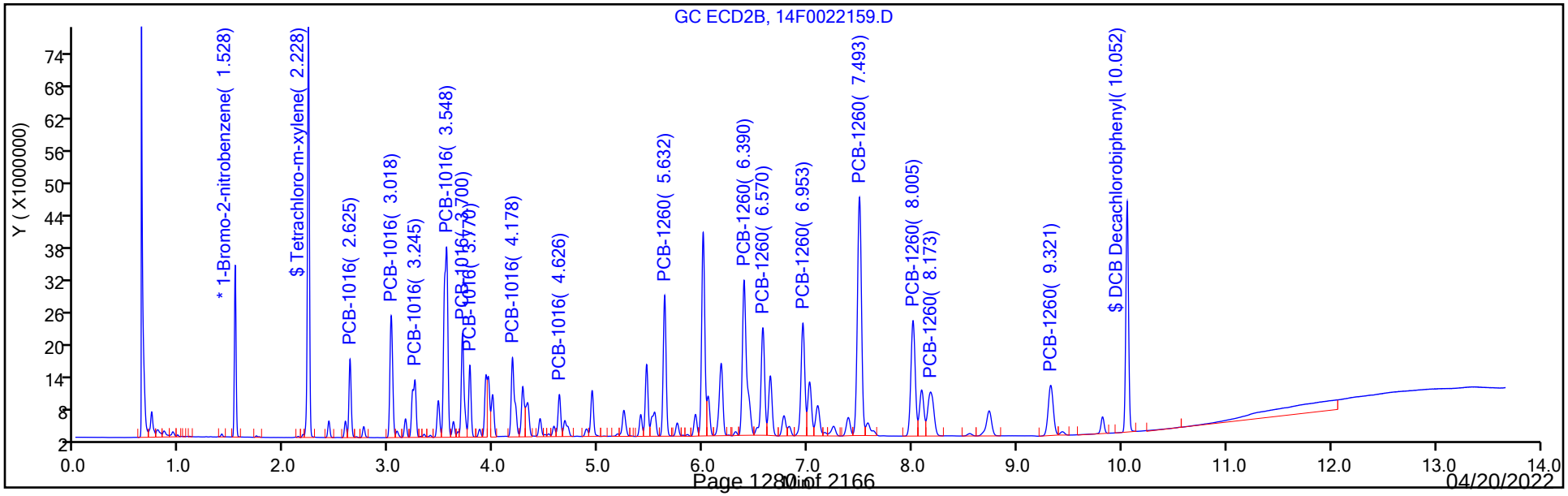
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 55

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022159.D				
Lims ID:	LCSD 460-837713/3-A				
Client ID:					
Sample Type:	LCSD				
Inject. Date:	07-Apr-2022 11:26:37	ALS Bottle#:	55	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0143711-025				
Operator ID:		Instrument ID:	CPESTGC14		
Method:	\\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m				
Limit Group:	GC 8082A PCB ISTD				
Last Update:	07-Apr-2022 13:21:17	Calib Date:	03-Mar-2022 10:07:21		
Integrator:	Falcon				
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D				
Column 1 :	Rtx-CLPesticides (0.53 mm)		Det: GC ECD1A		
Column 2 :	Rtx-CLP Pest 2 (0.53 mm)		Det: GC ECD2B		
Process Host:	CTX1640				
First Level Reviewer: patelji		Date:	07-Apr-2022 12:50:59		

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	48.4	96.78
$ 11 DCB Decachlorobiphenyl	50.0	50.2	100.45

Surrogate Recovery, Detector: GC ECD2B

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	46.2	92.36
$ 11 DCB Decachlorobiphenyl	50.0	48.2	96.37

Report Date: 07-Apr-2022 13:21:36 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022159.D

Injection Date: 07-Apr-2022 11:26:37 Instrument ID: CPESTGC14

Lims ID: LCSD 460-837713/3-A

Client ID:

Operator ID: ALS Bottle#: 55 Worklist Smp#: 25

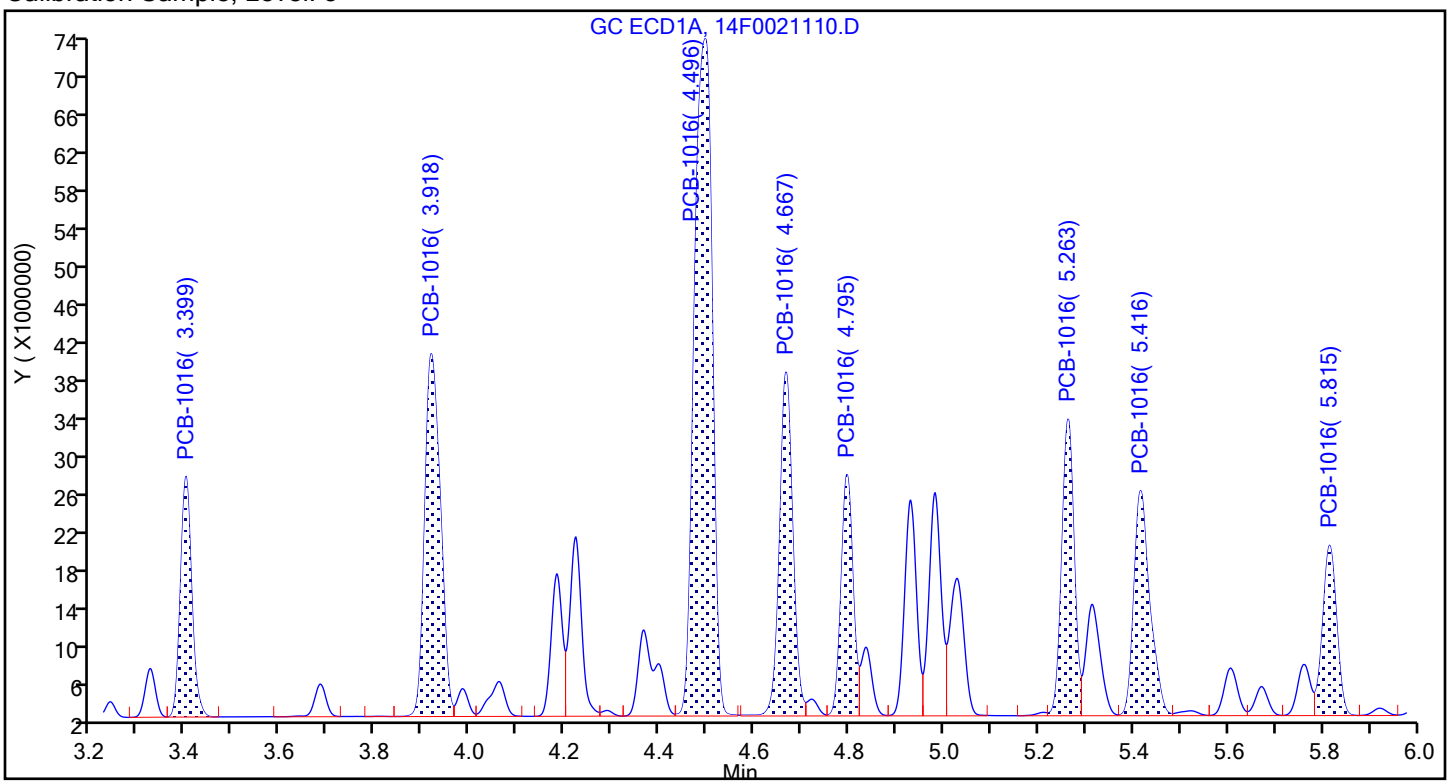
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

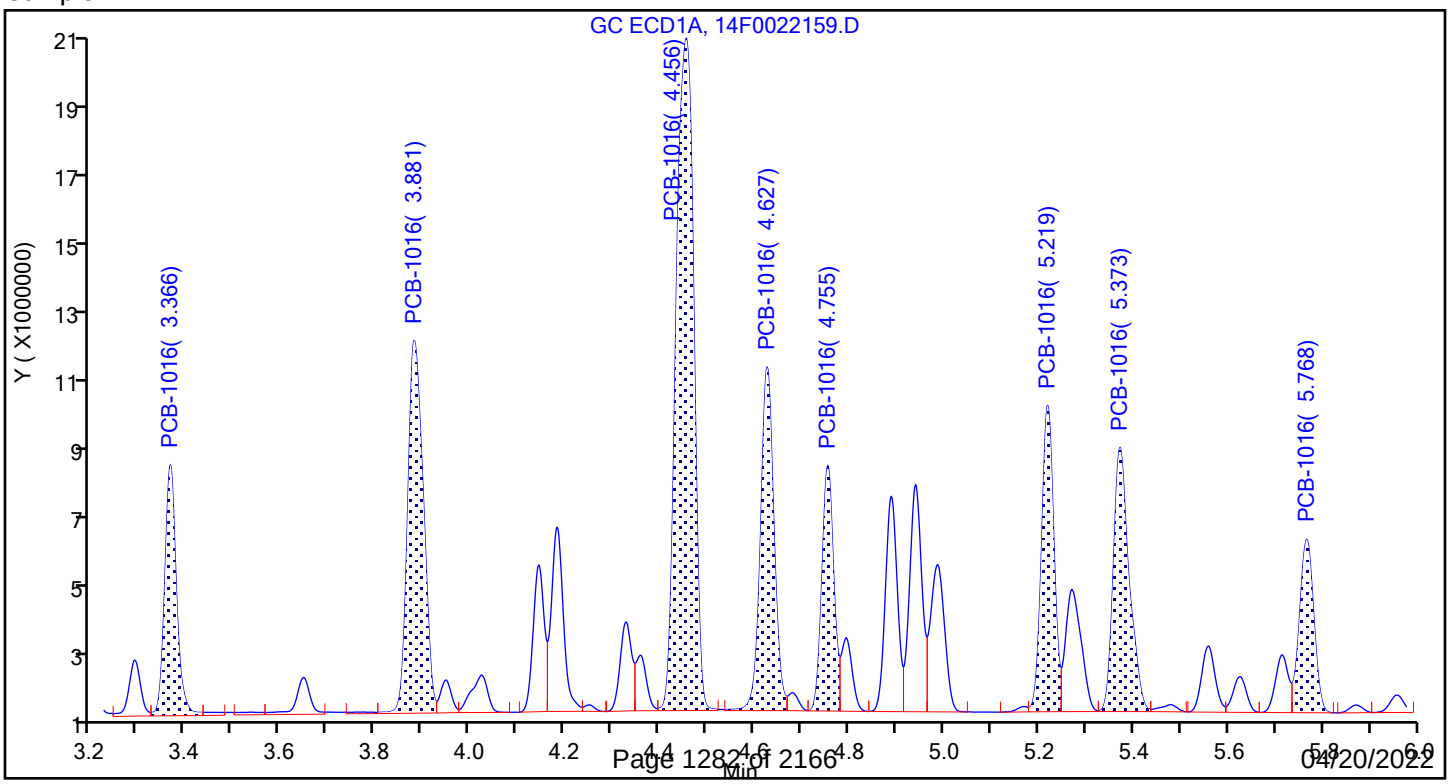
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

5 PCB-1016, CAS: 12674-11-2

Calibration Sample, Level: 5



Sample



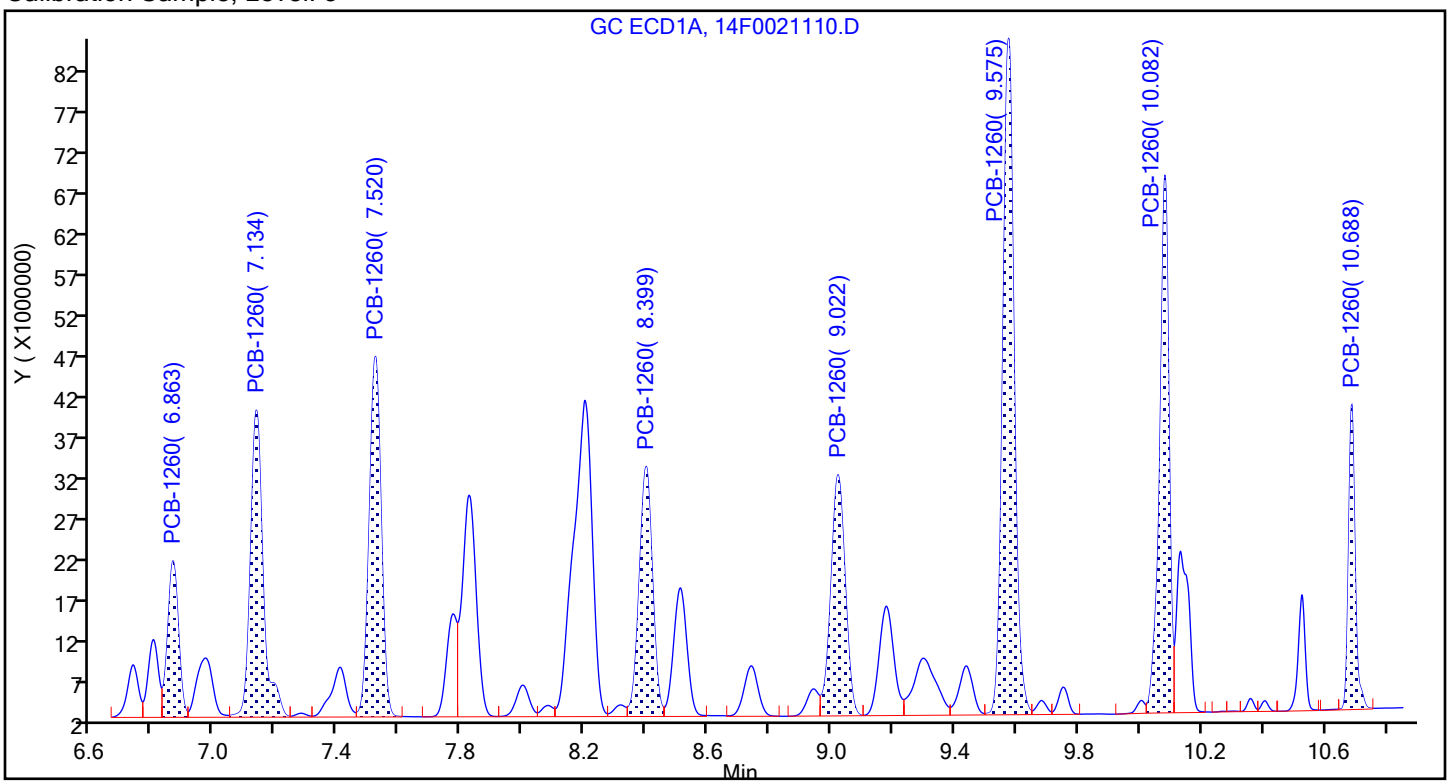
Report Date: 07-Apr-2022 13:21:36 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

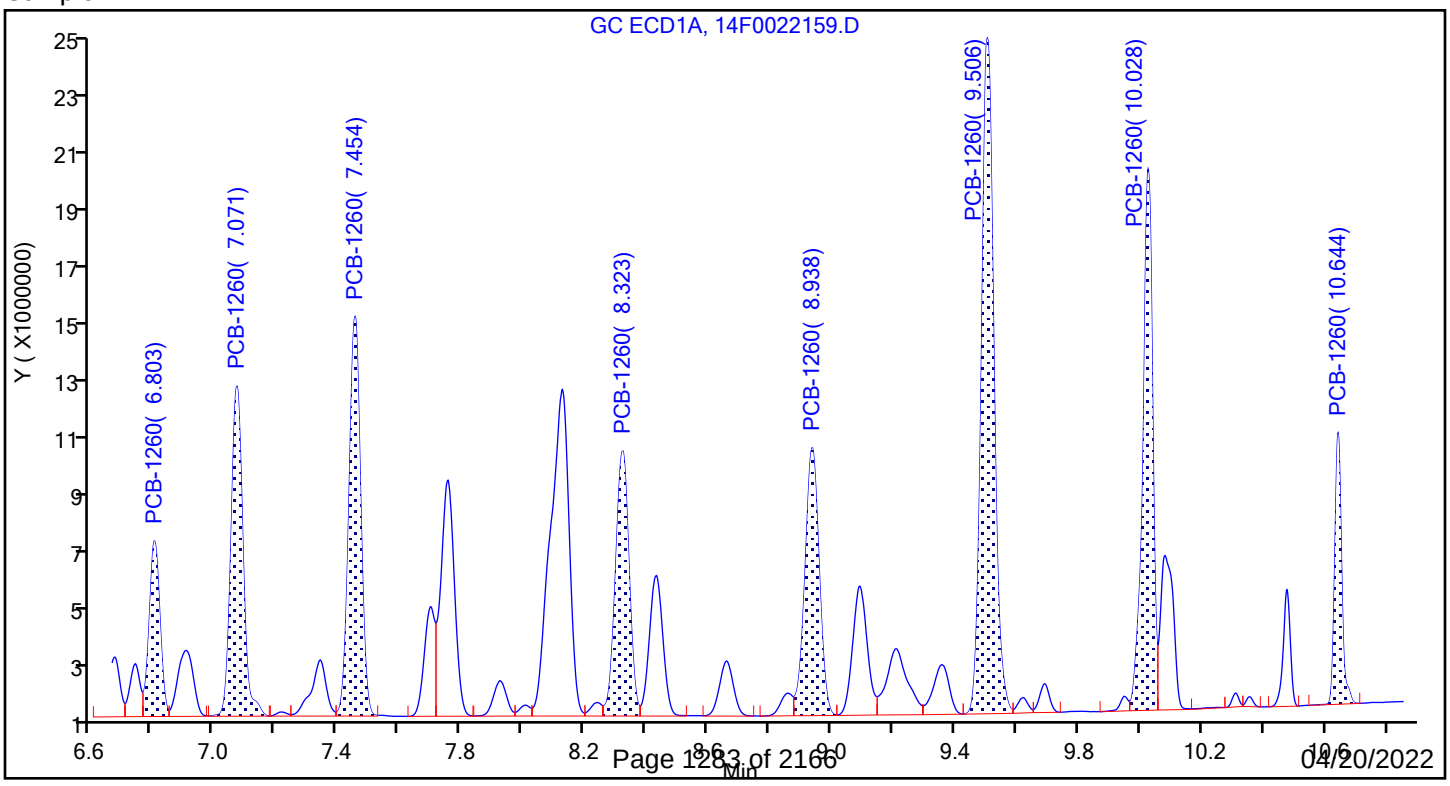
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022159.D
Injection Date: 07-Apr-2022 11:26:37 Instrument ID: CPESTGC14
Lims ID: LCSD 460-837713/3-A
Client ID:
Operator ID: ALS Bottle#: 55 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5

Calibration Sample, Level: 5



Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-837713/3-A

Matrix: Solid | Lab File ID: 14F0022159.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:19

Sample wt/vol: 15.00(g) | Date Analyzed: 04/07/2022 11:26

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837782 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	357		67	18
11096-82-5	Aroclor 1260	374		67	18
1336-36-3	Polychlorinated biphenyls, Total	731		67	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		37-150
877-09-8	Tetrachloro-m-xylene	92		54-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022159.D
Lims ID: LCSD 460-837713/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 07-Apr-2022 11:26:37 ALS Bottle#: 55 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143711-025
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: patelji Date: 07-Apr-2022 12:50:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.736	1.733	0.003	21393675	20.0	20.0	
2	1.528	1.524	0.004	35796525	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.739	2.733	0.006	58602753	50.0	48.4	
2	2.228	2.220	0.008	99714721	50.0	46.2	
						RPD = 4.68	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.366	3.359	0.007	11842349	500.0	598.6	
1	3.881	3.875	0.006	23424788	500.0	559.7	
1	4.456	4.450	0.006	47390555	500.0	537.3	
1	4.627	4.620	0.007	18555413	500.0	545.9	
1	4.755	4.748	0.007	11692976	500.0	555.6	
1	5.219	5.214	0.005	15218256	500.0	563.7	
1	5.373	5.365	0.008	16721038	500.0	632.2	
1	5.768	5.759	0.009	9985907	500.0	565.6	
		Average of Peak Amounts =				569.8	
2	2.625	2.617	0.008	21765325	500.0	563.8	
2	3.018	3.009	0.009	42121221	500.0	534.4	
2	3.245	3.235	0.010	28033628	500.0	540.6	
2	3.548	3.538	0.010	91292379	500.0	528.0	
2	3.700	3.690	0.010	36851497	500.0	537.7	
2	3.770	3.760	0.010	21720204	500.0	534.4	
2	4.178	4.168	0.010	34597899	500.0	516.0	M
2	4.626	4.616	0.010	14371491	500.0	525.7	M
		Average of Peak Amounts =				535.1	
						RPD = 6.29	
8 PCB-1260							
1	6.803	6.796	0.007	14404211	500.0	650.0	
1	7.071	7.062	0.009	29957334	500.0	598.7	
1	7.454	7.445	0.009	35487364	500.0	627.0	
1	8.323	8.312	0.011	27490993	500.0	627.8	
1	8.938	8.927	0.011	29010938	500.0	643.4	
1	9.506	9.499	0.007	63945792	500.0	643.5	
1	10.028	10.027	0.001	40318591	500.0	620.3	
1	10.644	10.652	-0.008	14066345	500.0	542.2	
		Average of Peak Amounts =				619.1	
2	5.632	5.621	0.011	50528171	500.0	573.9	
2	6.390	6.379	0.011	84303602	500.0	549.6	
2	6.570	6.560	0.010	50213299	500.0	593.1	
2	6.953	6.940	0.013	53528491	500.0	576.7	
2	7.493	7.479	0.014	121880889	500.0	574.4	
2	8.005	7.991	0.014	62727531	500.0	587.7	
2	8.173	8.159	0.014	33282831	500.0	527.9	
2	9.321	9.305	0.016	31694634	500.0	506.0	
		Average of Peak Amounts =				561.2	
						RPD = 9.82	
$ 11 DCB Decachlorobiphenyl							
1	11.143	11.157	-0.014	32945328	50.0	50.2	
2	10.052	10.047	0.005	77618183	50.0	48.2	
						RPD = 4.15	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SGPCBISTD_00025 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Apr-2022 13:21:37 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022159.D

Injection Date: 07-Apr-2022 11:26:37 Instrument ID: CPESTGC14 Operator ID:

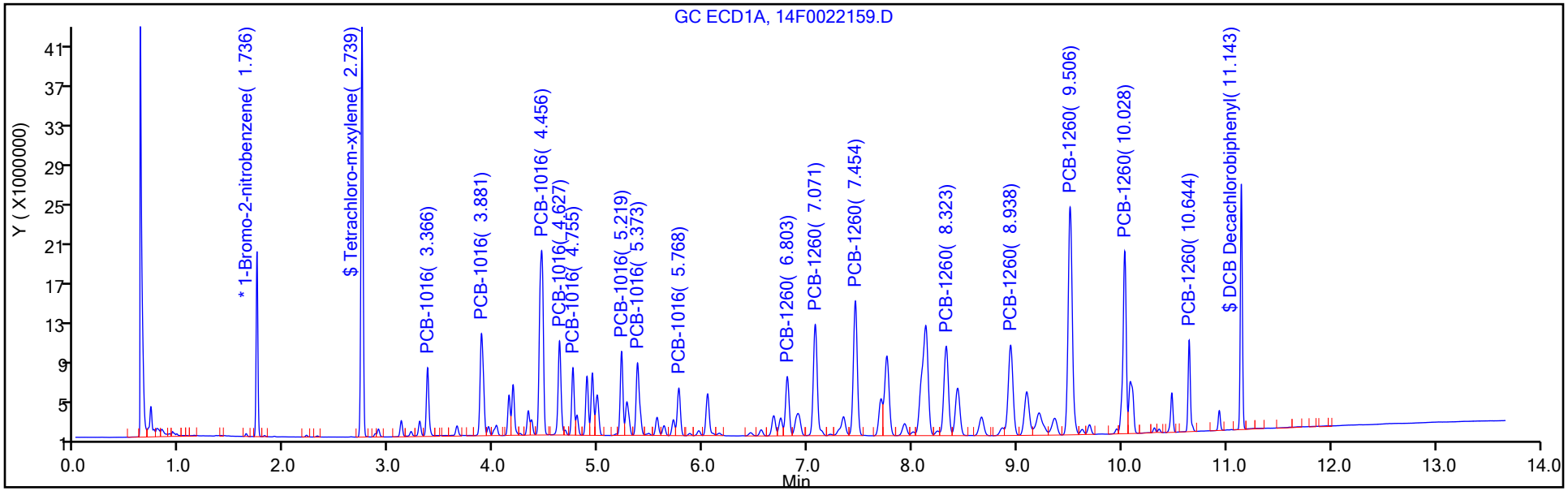
Lims ID: LCSD 460-837713/3-A Worklist Smp#: 25

Client ID:

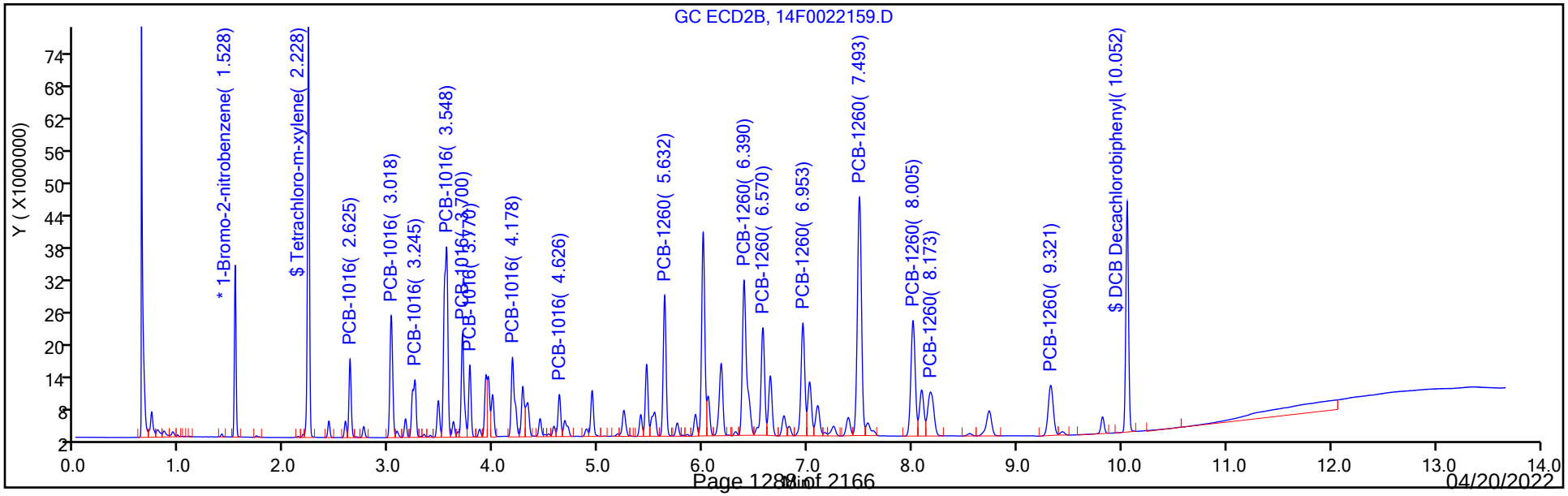
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 55

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022159.D				
Lims ID:	LCSD 460-837713/3-A				
Client ID:					
Sample Type:	LCSD				
Inject. Date:	07-Apr-2022 11:26:37	ALS Bottle#:	55	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0143711-025				
Operator ID:		Instrument ID:	CPESTGC14		
Method:	\\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m				
Limit Group:	GC 8082A PCB ISTD				
Last Update:	07-Apr-2022 13:21:17	Calib Date:	03-Mar-2022 10:07:21		
Integrator:	Falcon				
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D				
Column 1 :	Rtx-CLPesticides (0.53 mm)		Det: GC ECD1A		
Column 2 :	Rtx-CLP Pest 2 (0.53 mm)		Det: GC ECD2B		
Process Host:	CTX1640				
First Level Reviewer: patelji		Date:	07-Apr-2022 12:50:59		

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	48.4	96.78
$ 11 DCB Decachlorobiphenyl	50.0	50.2	100.45

Surrogate Recovery, Detector: GC ECD2B

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	46.2	92.36
$ 11 DCB Decachlorobiphenyl	50.0	48.2	96.37

Report Date: 07-Apr-2022 13:21:37 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022159.D

Injection Date: 07-Apr-2022 11:26:37 Instrument ID: CPESTGC14

Lims ID: LCSD 460-837713/3-A

Client ID:

Operator ID: ALS Bottle#: 55 Worklist Smp#: 25

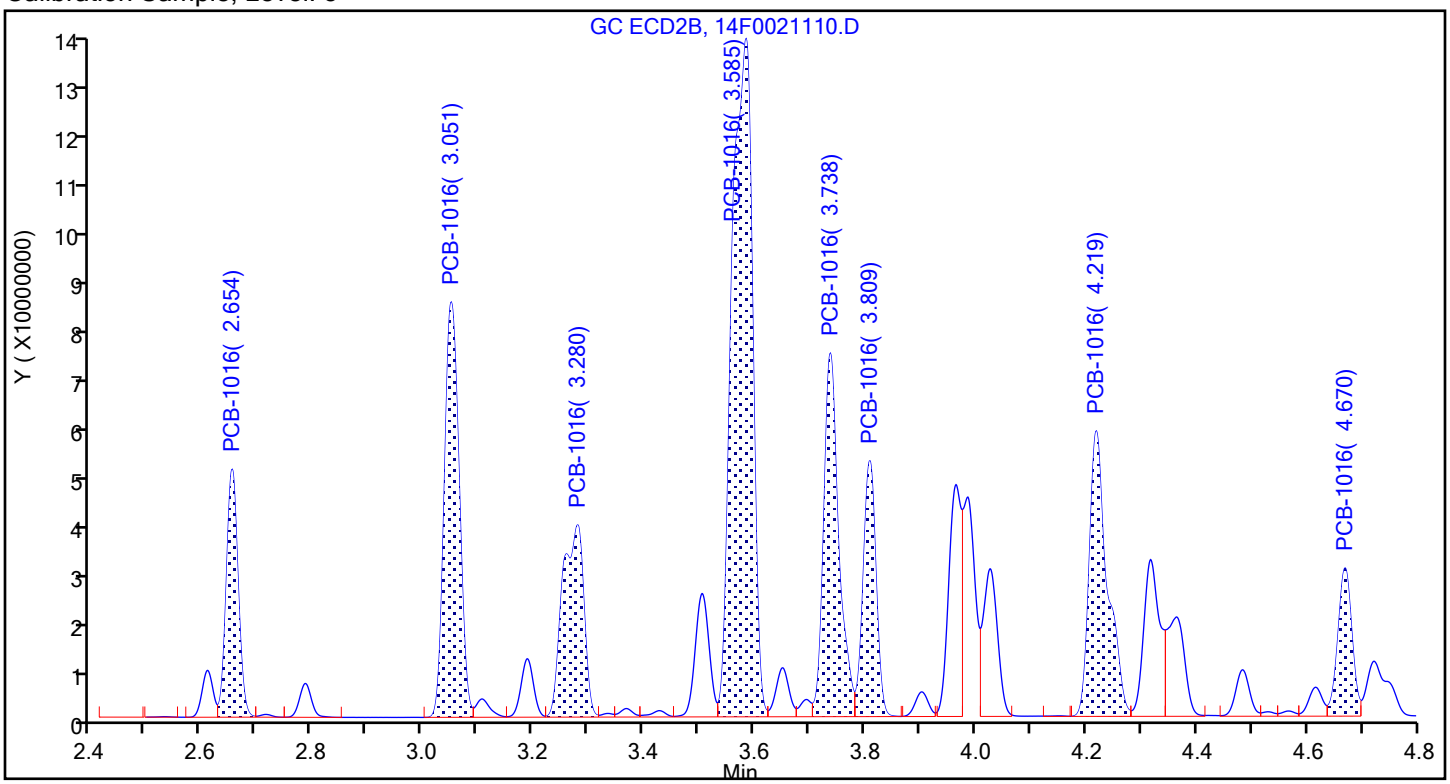
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

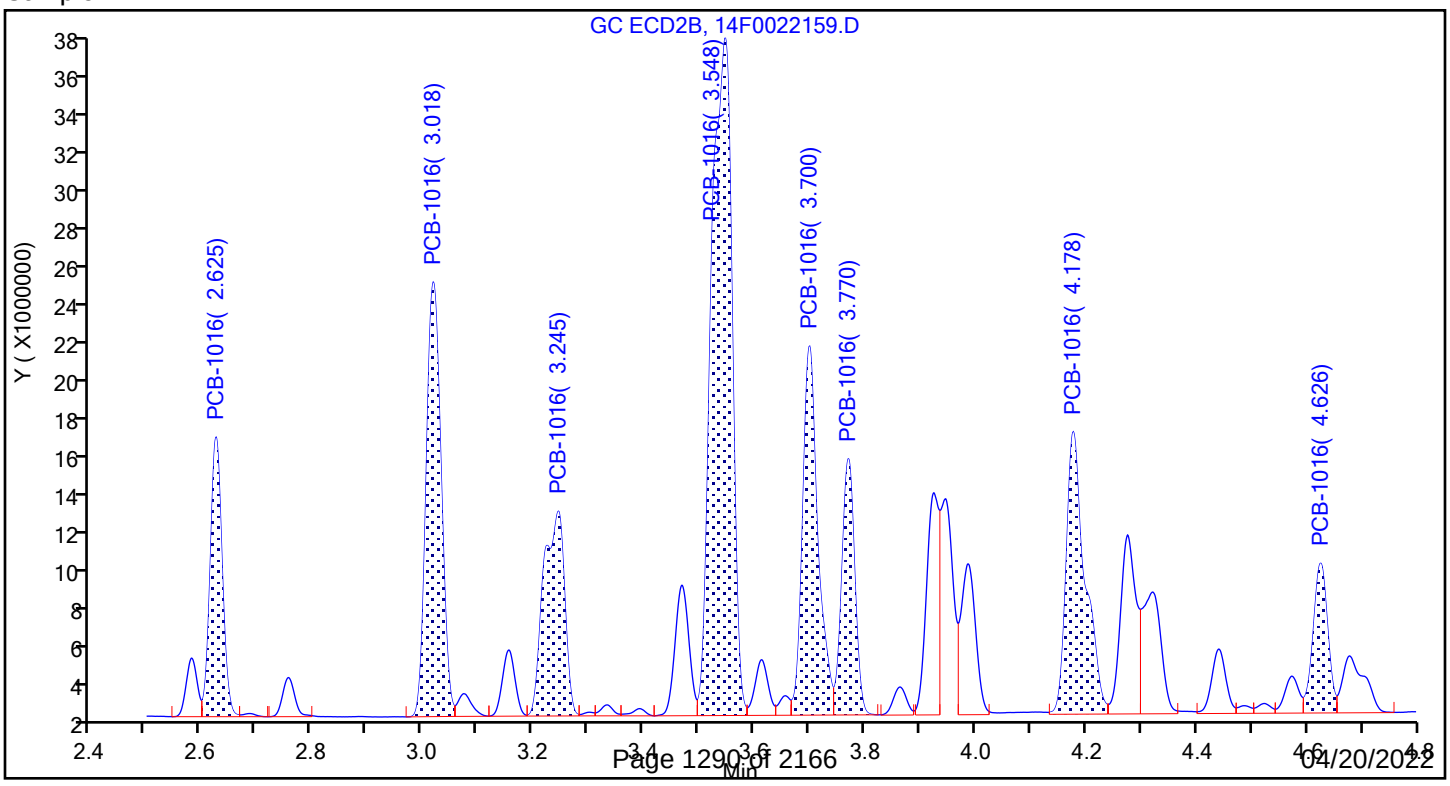
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2

Calibration Sample, Level: 5



Sample



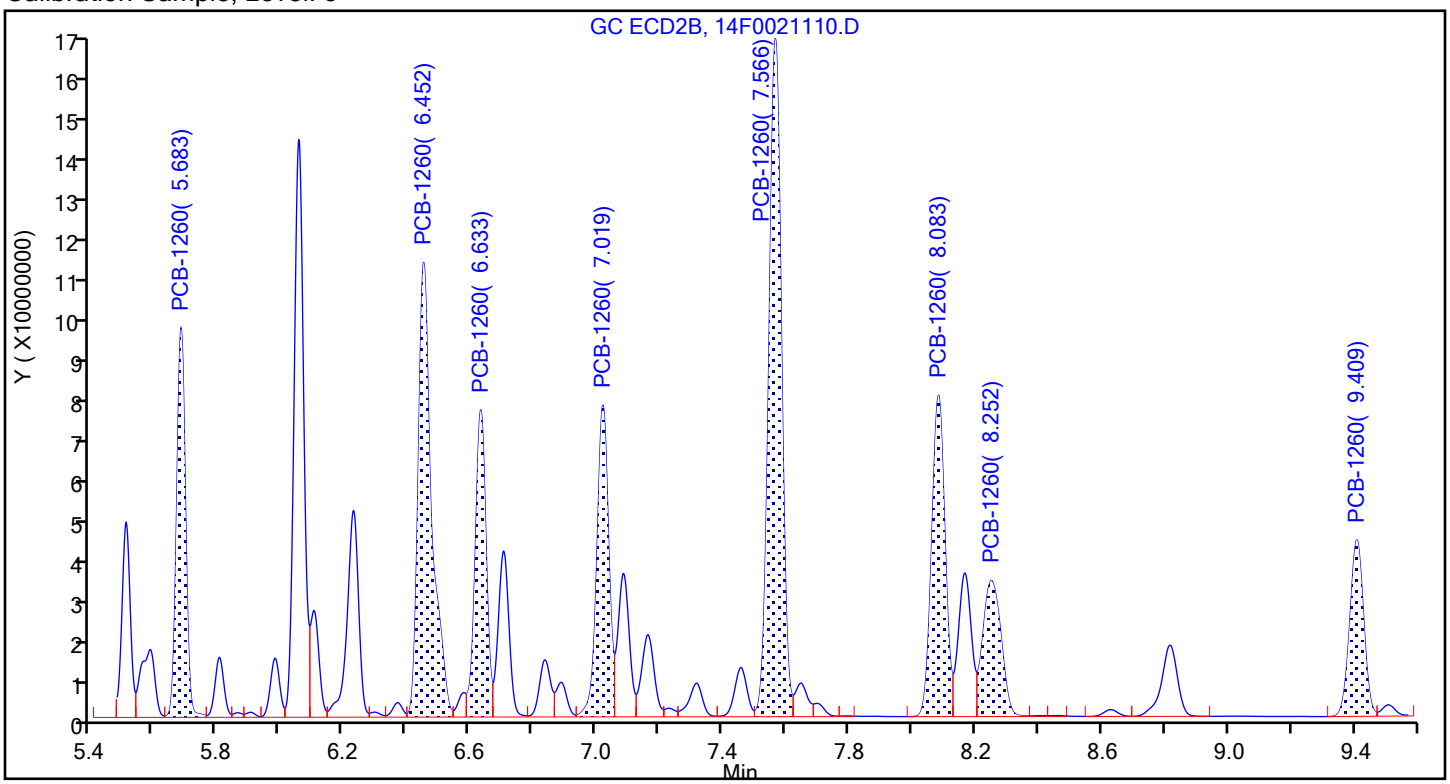
Report Date: 07-Apr-2022 13:21:37 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

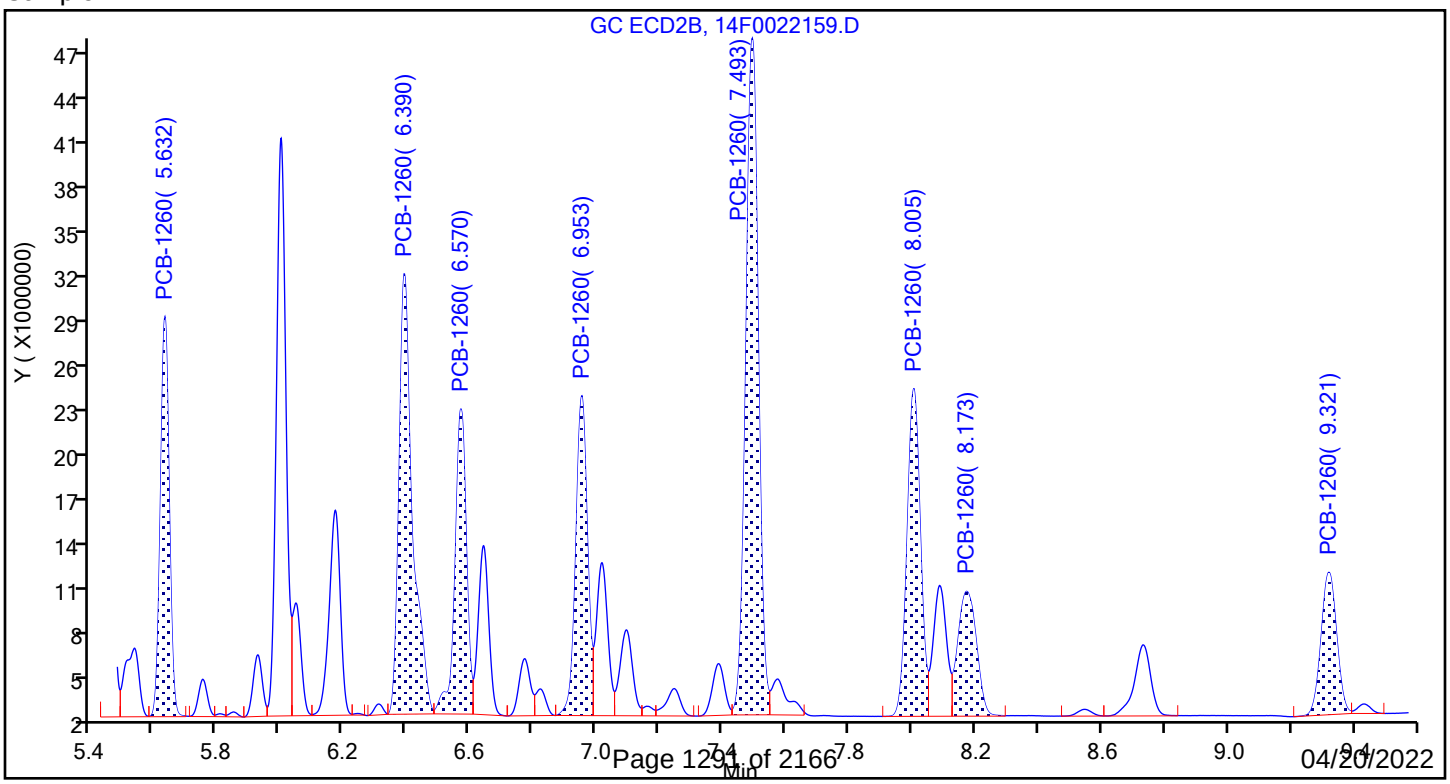
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022159.D
Injection Date: 07-Apr-2022 11:26:37 Instrument ID: CPESTGC14
Lims ID: LCSD 460-837713/3-A
Client ID:
Operator ID: ALS Bottle#: 55 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5

Calibration Sample, Level: 5



Sample



Report Date: 07-Apr-2022 13:21:37 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022159.D

Injection Date: 07-Apr-2022 11:26:37 Instrument ID: CPESTGC14

Lims ID: LCSD 460-837713/3-A

Client ID:

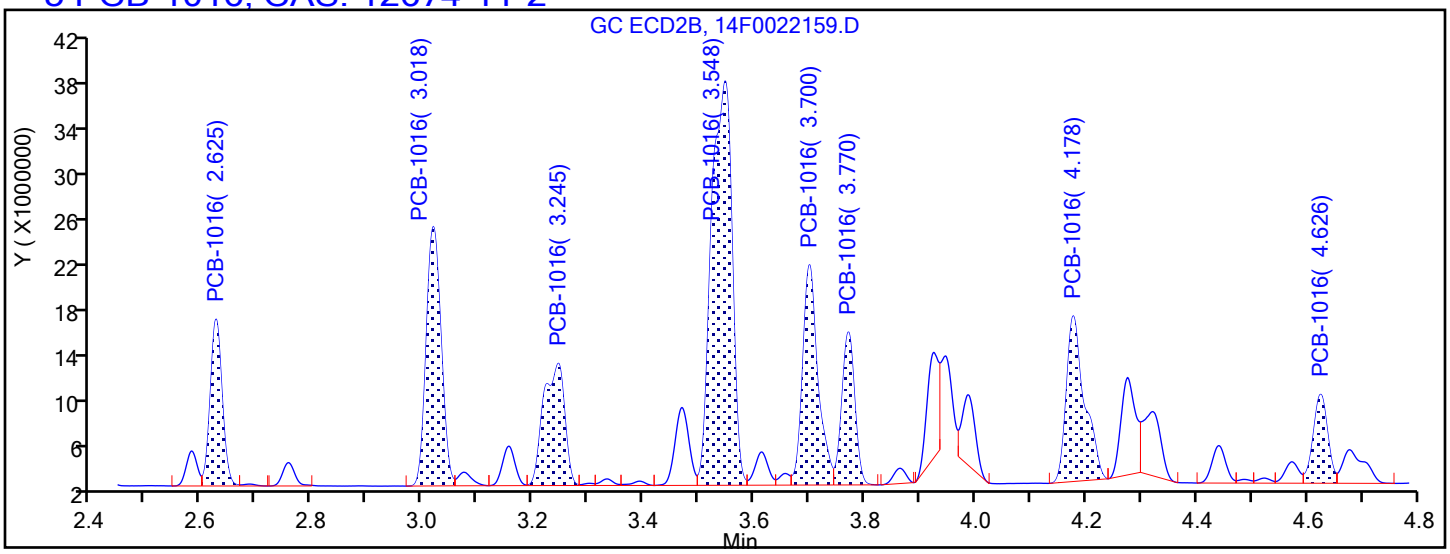
Operator ID: ALS Bottle#: 55 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

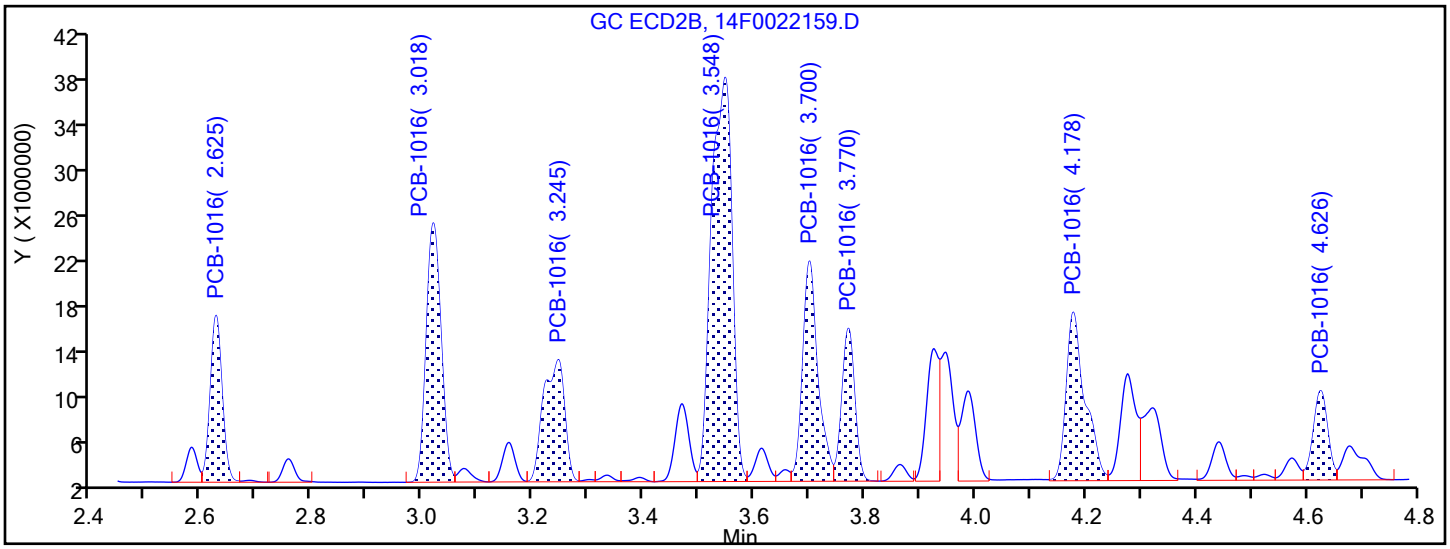
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.625	Response = 21765325
3.018	Response = 42121221
3.245	Response = 28033628
3.548	Response = 91292379
3.700	Response = 36851497
3.770	Response = 21720204
4.178	Response = 32725104
4.626	Response = 14207695



Manual Integration Results

2.625	Response = 21765325
3.018	Response = 42121221
3.245	Response = 28033628
3.548	Response = 91292379
3.700	Response = 36851497
3.770	Response = 21720204

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: COMP-1 MS | Lab Sample ID: 460-255715-16 MS

Matrix: Solid | Lab File ID: 14F0022161.D

Analysis Method: 8082A | Date Collected: 04/05/2022 10:25

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:19

Sample wt/vol: 15.04(g) | Date Analyzed: 04/07/2022 11:59

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 6.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837782 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*443*		*71*	*19*
11104-28-2	*Aroclor 1221*	*19*	*U*	*71*	*19*
11141-16-5	*Aroclor 1232*	*19*	*U*	*71*	*19*
53469-21-9	*Aroclor 1242*	*19*	*U*	*71*	*19*
12672-29-6	*Aroclor 1248*	*19*	*U*	*71*	*19*
11097-69-1	*Aroclor 1254*	*19*	*U*	*71*	*19*
11096-82-5	*Aroclor 1260*	*481*		*71*	*19*
37324-23-5	*Aroclor-1262*	*19*	*U*	*71*	*19*
11100-14-4	*Aroclor 1268*	*19*	*U*	*71*	*19*
1336-36-3	*Polychlorinated biphenyls, Total*	*924*		*71*	*19*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	119		37-150
877-09-8	Tetrachloro-m-xylene	117		54-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022161.D
Lims ID: 460-255715-D-16-A MS
Client ID:
Sample Type: MS
Inject. Date: 07-Apr-2022 11:59:52 ALS Bottle#: 57 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143711-027
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: patelji Date: 07-Apr-2022 12:50:32

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.736	1.733	0.003	17131136	20.0	20.0	
2	1.528	1.524	0.004	28627595	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.739	2.733	0.006	56586572	50.0	58.4	
2	2.228	2.220	0.008	96216899	50.0	55.7	
						RPD = 4.62	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	3.366	3.359	0.007	10276214	500.0	648.7	
1	3.881	3.875	0.006	20416274	500.0	609.2	
1	4.457	4.450	0.007	42050891	500.0	595.4	
1	4.628	4.620	0.008	16443068	500.0	604.1	
1	4.755	4.748	0.007	10363791	500.0	614.9	
1	5.220	5.214	0.006	13487843	500.0	623.9	
1	5.372	5.365	0.007	14731525	500.0	695.5	
1	5.767	5.759	0.008	8644088	500.0	611.4	
		Average of Peak Amounts =				625.4	
2	2.626	2.617	0.009	19350699	500.0	626.8	
2	3.019	3.009	0.010	37348766	500.0	592.5	
2	3.245	3.235	0.010	24644686	500.0	594.2	
2	3.547	3.538	0.009	79456185	500.0	574.6	
2	3.700	3.690	0.010	32545623	500.0	593.7	
2	3.771	3.760	0.011	19210396	500.0	591.0	
2	4.178	4.168	0.010	30529882	500.0	569.3	
2	4.626	4.616	0.010	12674530	500.0	579.7	
		Average of Peak Amounts =				590.2	
						RPD = 5.78	
8 PCB-1260							
1	6.805	6.796	0.009	12796773	500.0	721.2	
1	7.071	7.062	0.009	26578417	500.0	663.4	
1	7.454	7.445	0.009	31345630	500.0	691.6	
1	8.322	8.312	0.010	24047553	500.0	685.8	
1	8.937	8.927	0.010	25245988	500.0	699.2	
1	9.507	9.499	0.008	55688265	500.0	699.8	
1	10.030	10.027	0.003	34862497	500.0	669.8	
1	10.647	10.652	-0.005	12369103	500.0	595.5	
		Average of Peak Amounts =				678.3	
2	5.632	5.621	0.011	44749310	500.0	635.5	
2	6.391	6.379	0.012	74690877	500.0	608.8	
2	6.570	6.560	0.010	44456582	500.0	656.7	
2	6.952	6.940	0.012	47323741	500.0	637.5	
2	7.493	7.479	0.014	104230864	500.0	614.3	
2	8.005	7.991	0.014	55309978	500.0	648.0	
2	8.172	8.159	0.013	29284728	500.0	580.8	
2	9.322	9.305	0.017	27998505	500.0	558.9	
		Average of Peak Amounts =				617.6	
						RPD = 9.37	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							
1	11.145	11.157	-0.012	31378014	50.0	59.7	
2	10.053	10.047	0.006	74528436	50.0	57.9	
						RPD = 3.21	
S 12 Polychlorinated biphenyls, Total							
1						1303.7	
16 1260 Res 1							
2	8.005	8.004	0.001	55309978		NR	
14 1260 Res 2							
2	8.087	8.087	0.001	22313641		NR	
15 1260 Res 3							
2	8.172	8.172	0.000	29284728		NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

SGPCBISTD_00025 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Apr-2022 13:21:40 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022161.D

Injection Date: 07-Apr-2022 11:59:52 Instrument ID: CPESTGC14 Operator ID:

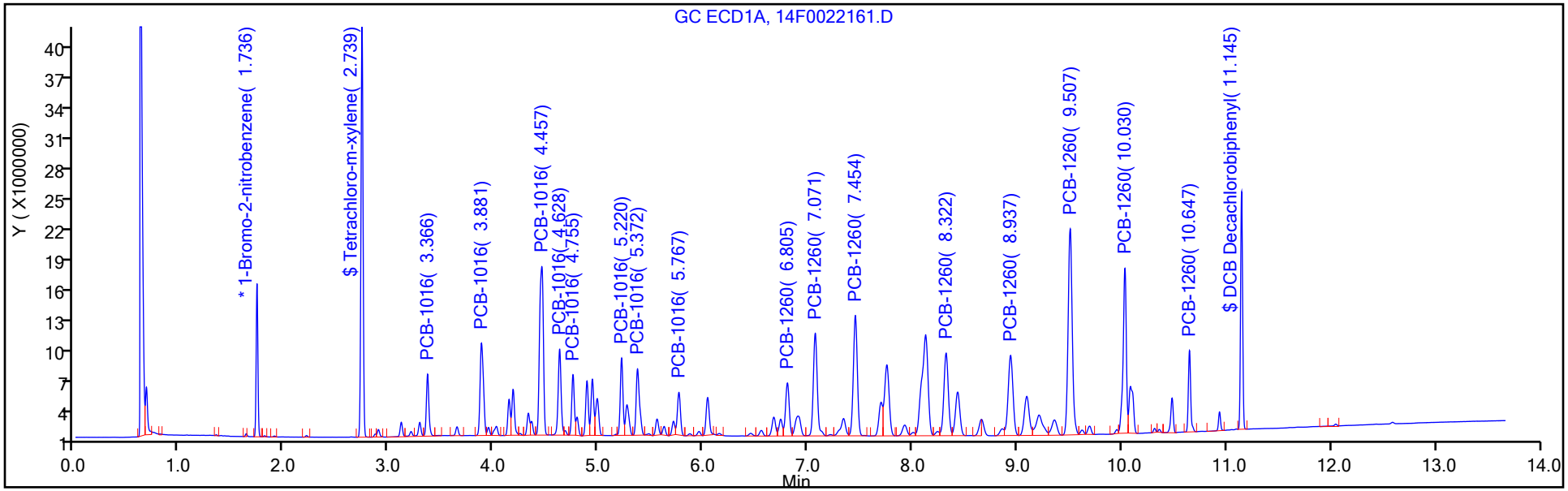
Lims ID: 460-255715-D-16-A MS Worklist Smp#: 27

Client ID:

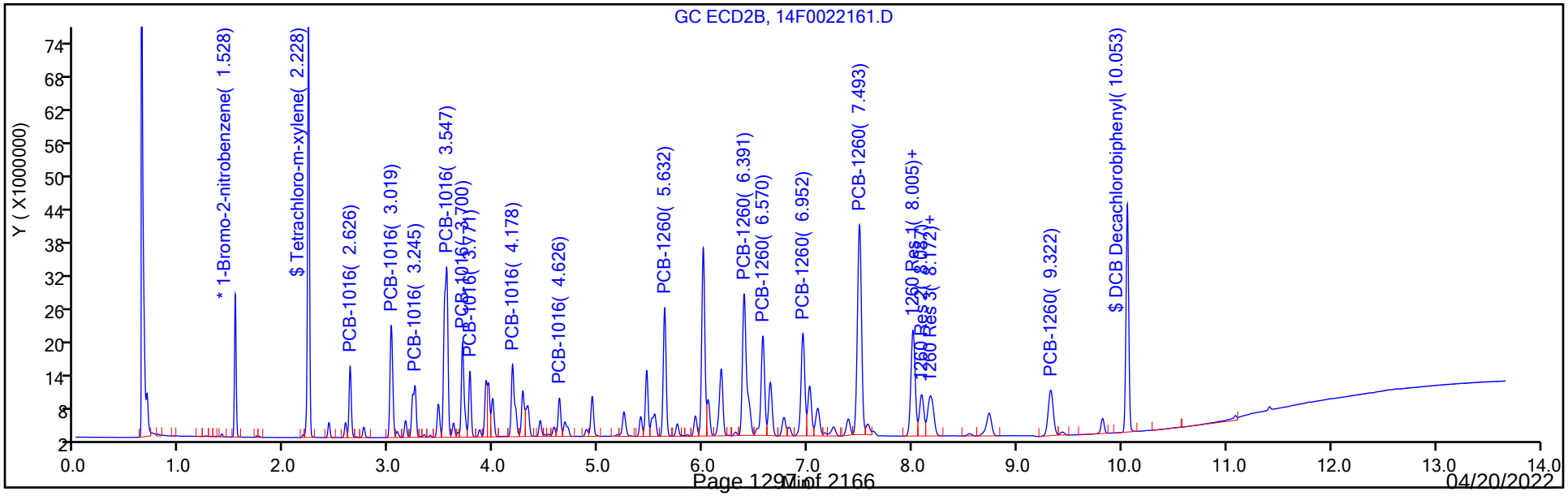
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 57

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022161.D
Lims ID: 460-255715-D-16-A MS
Client ID:
Sample Type: MS
Inject. Date: 07-Apr-2022 11:59:52 ALS Bottle#: 57 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143711-027
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: patelji Date: 07-Apr-2022 12:50:32

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	58.4	116.71
$ 11 DCB Decachlorobiphenyl	50.0	59.7	119.47

Surrogate Recovery, Detector: GC ECD2B

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	55.7	111.44
$ 11 DCB Decachlorobiphenyl	50.0	57.9	115.70

Report Date: 07-Apr-2022 13:21:40 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022161.D

Injection Date: 07-Apr-2022 11:59:52 Instrument ID: CPESTGC14

Lims ID: 460-255715-D-16-A MS

Client ID:

Operator ID: ALS Bottle#: 57 Worklist Smp#: 27

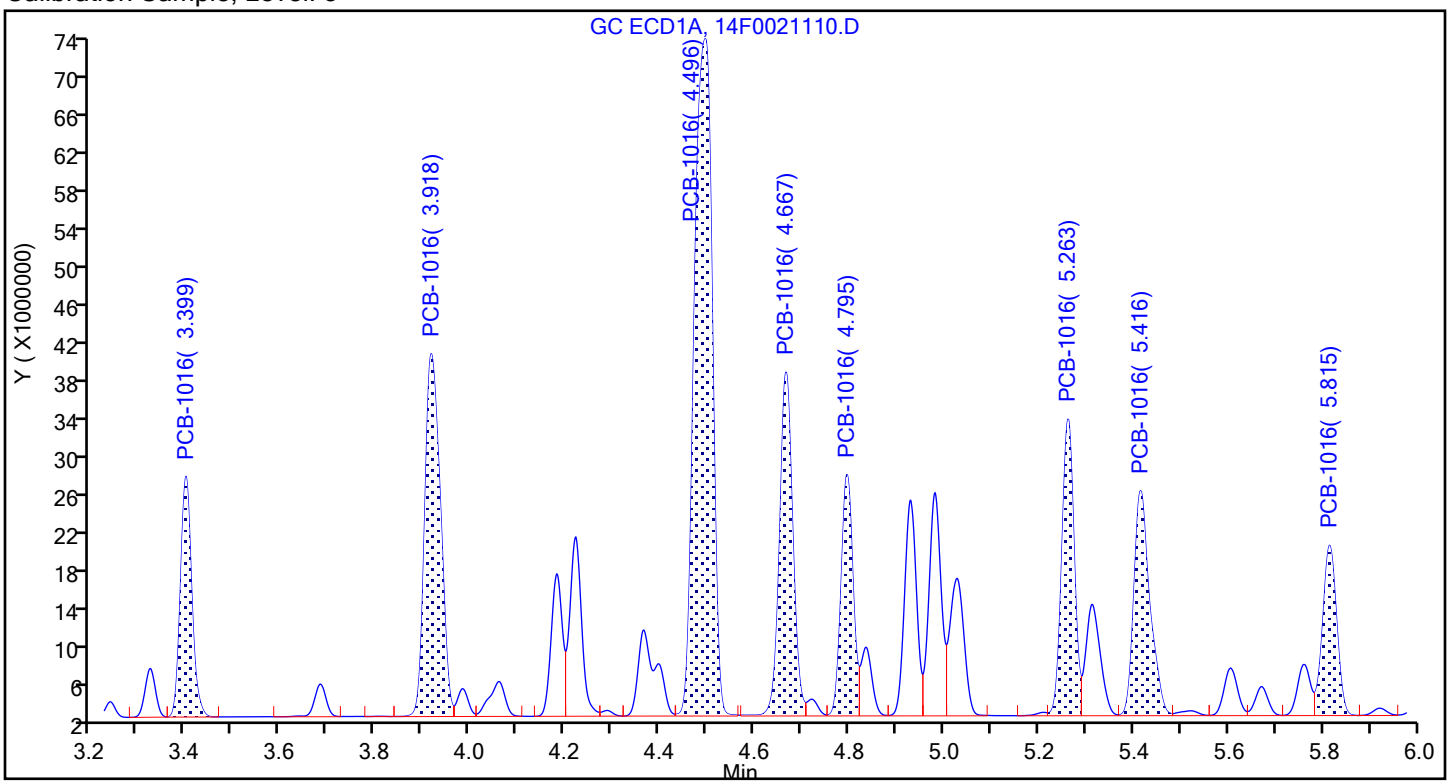
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

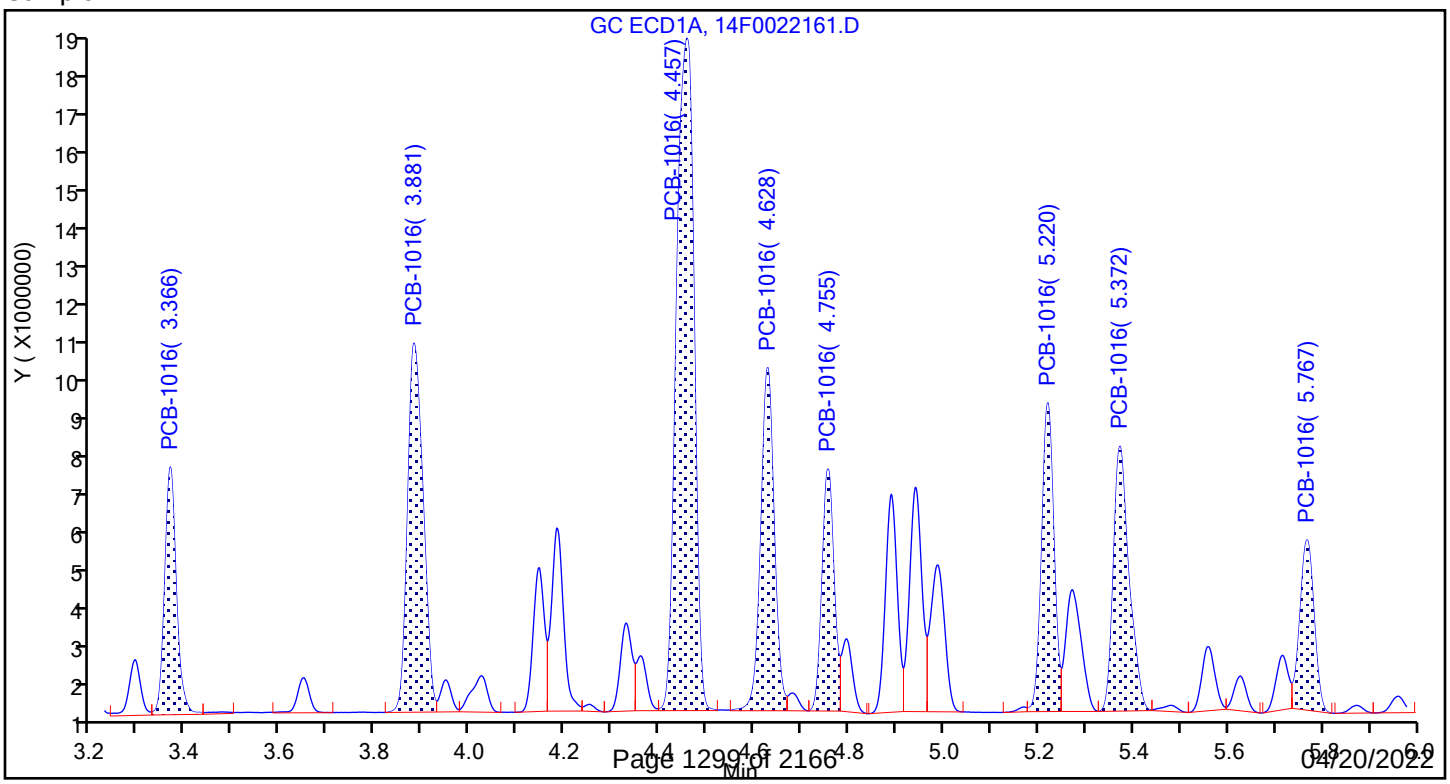
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

5 PCB-1016, CAS: 12674-11-2

Calibration Sample, Level: 5



Sample



Report Date: 07-Apr-2022 13:21:40 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022161.D

Injection Date: 07-Apr-2022 11:59:52 Instrument ID: CPESTGC14

Lims ID: 460-255715-D-16-A MS

Client ID:

Operator ID: ALS Bottle#: 57 Worklist Smp#: 27

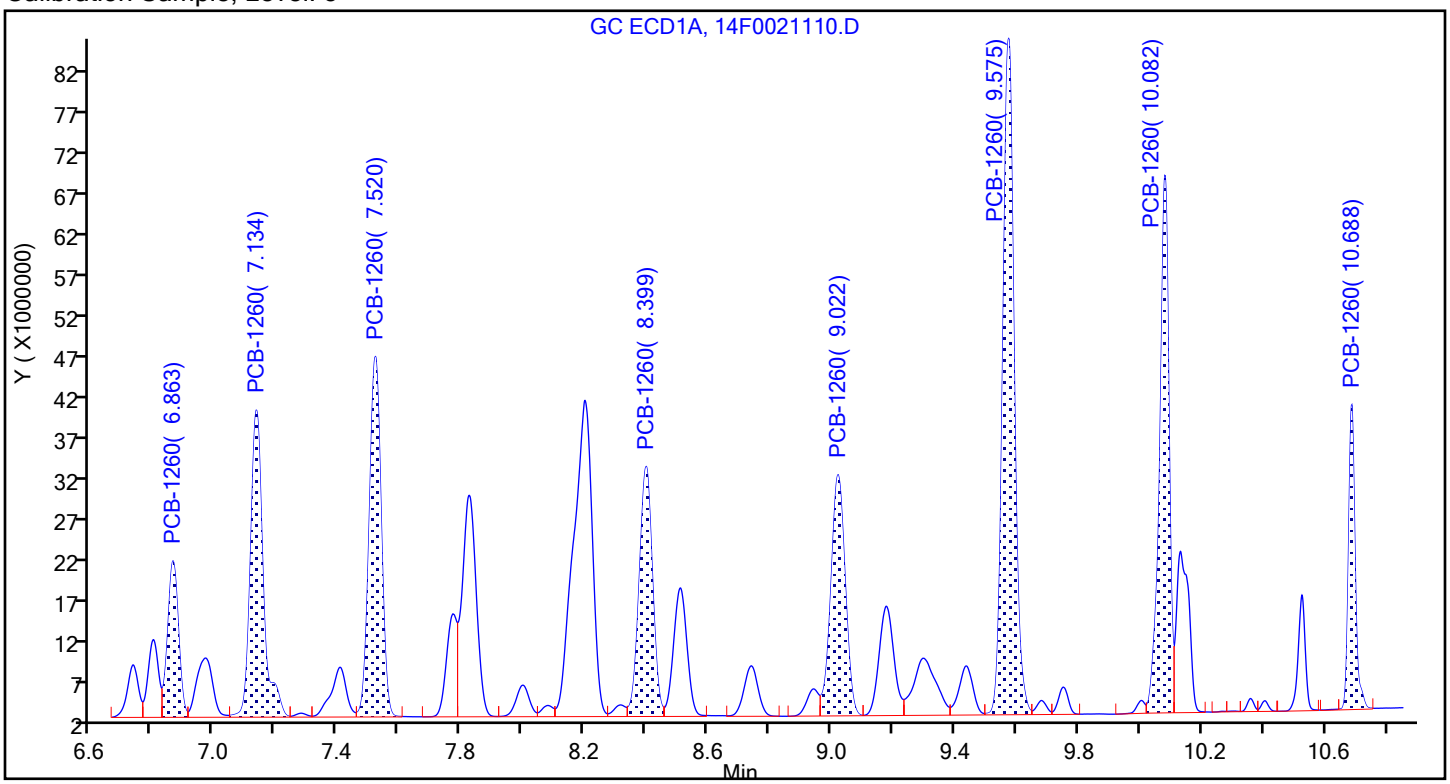
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

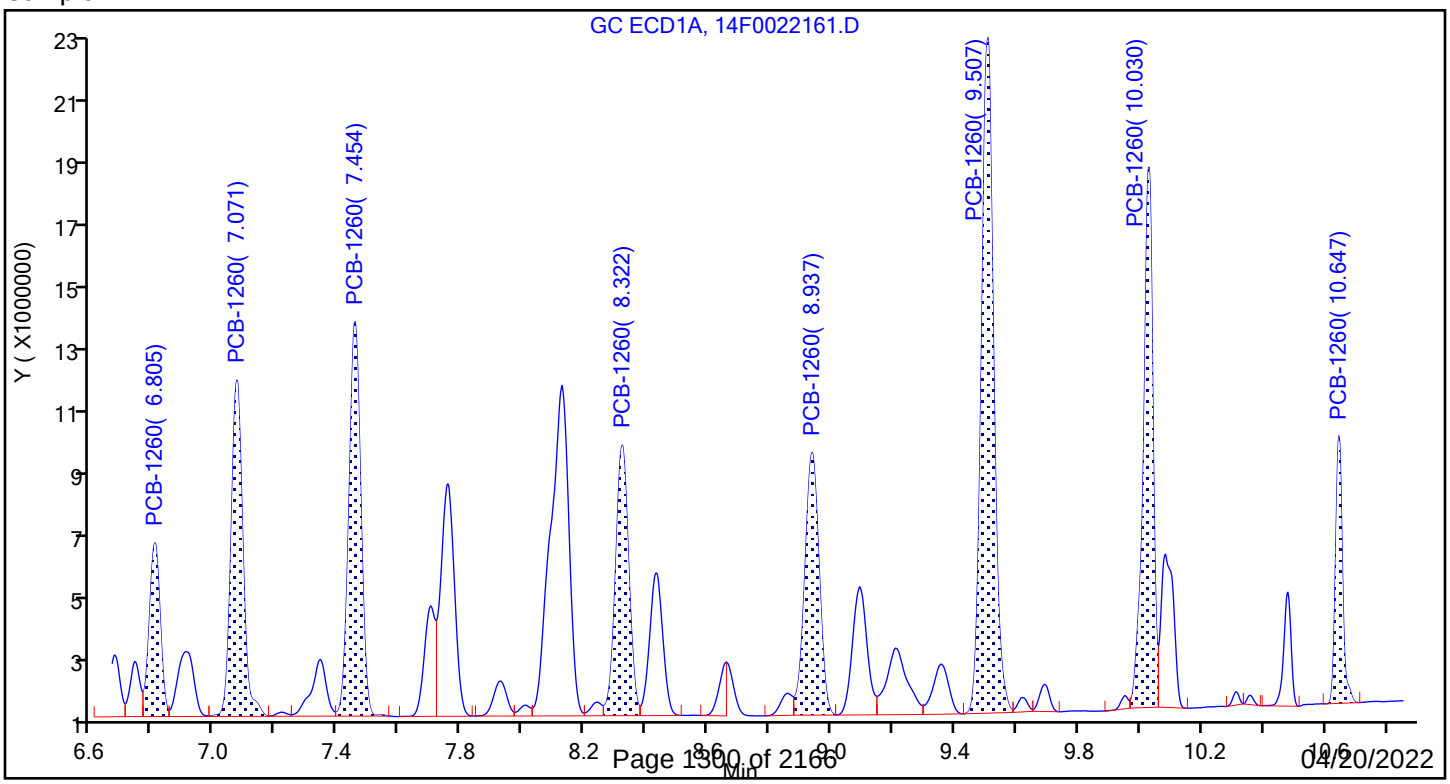
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5

Calibration Sample, Level: 5



Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: COMP-1 MS | Lab Sample ID: 460-255715-16 MS

Matrix: Solid | Lab File ID: 14F0022161.D

Analysis Method: 8082A | Date Collected: 04/05/2022 10:25

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:19

Sample wt/vol: 15.04(g) | Date Analyzed: 04/07/2022 11:59

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837782 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	418		71	19
11104-28-2	Aroclor 1221	19	U	71	19
11141-16-5	Aroclor 1232	19	U	71	19
53469-21-9	Aroclor 1242	19	U	71	19
12672-29-6	Aroclor 1248	19	U	71	19
11097-69-1	Aroclor 1254	19	U	71	19
11096-82-5	Aroclor 1260	438		71	19
37324-23-5	Aroclor-1262	19	U	71	19
11100-14-4	Aroclor 1268	19	U	71	19
1336-36-3	Polychlorinated biphenyls, Total	856		71	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	116		37-150
877-09-8	Tetrachloro-m-xylene	111		54-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022161.D
Lims ID: 460-255715-D-16-A MS
Client ID:
Sample Type: MS
Inject. Date: 07-Apr-2022 11:59:52 ALS Bottle#: 57 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143711-027
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: patelji Date: 07-Apr-2022 12:50:32

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.736	1.733	0.003	17131136	20.0	20.0	
2	1.528	1.524	0.004	28627595	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.739	2.733	0.006	56586572	50.0	58.4	
2	2.228	2.220	0.008	96216899	50.0	55.7	
						RPD = 4.62	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	3.366	3.359	0.007	10276214	500.0	648.7	
1	3.881	3.875	0.006	20416274	500.0	609.2	
1	4.457	4.450	0.007	42050891	500.0	595.4	
1	4.628	4.620	0.008	16443068	500.0	604.1	
1	4.755	4.748	0.007	10363791	500.0	614.9	
1	5.220	5.214	0.006	13487843	500.0	623.9	
1	5.372	5.365	0.007	14731525	500.0	695.5	
1	5.767	5.759	0.008	8644088	500.0	611.4	
		Average of Peak Amounts =				625.4	
2	2.626	2.617	0.009	19350699	500.0	626.8	
2	3.019	3.009	0.010	37348766	500.0	592.5	
2	3.245	3.235	0.010	24644686	500.0	594.2	
2	3.547	3.538	0.009	79456185	500.0	574.6	
2	3.700	3.690	0.010	32545623	500.0	593.7	
2	3.771	3.760	0.011	19210396	500.0	591.0	
2	4.178	4.168	0.010	30529882	500.0	569.3	
2	4.626	4.616	0.010	12674530	500.0	579.7	
		Average of Peak Amounts =				590.2	
						RPD = 5.78	
8 PCB-1260							
1	6.805	6.796	0.009	12796773	500.0	721.2	
1	7.071	7.062	0.009	26578417	500.0	663.4	
1	7.454	7.445	0.009	31345630	500.0	691.6	
1	8.322	8.312	0.010	24047553	500.0	685.8	
1	8.937	8.927	0.010	25245988	500.0	699.2	
1	9.507	9.499	0.008	55688265	500.0	699.8	
1	10.030	10.027	0.003	34862497	500.0	669.8	
1	10.647	10.652	-0.005	12369103	500.0	595.5	
		Average of Peak Amounts =				678.3	
2	5.632	5.621	0.011	44749310	500.0	635.5	
2	6.391	6.379	0.012	74690877	500.0	608.8	
2	6.570	6.560	0.010	44456582	500.0	656.7	
2	6.952	6.940	0.012	47323741	500.0	637.5	
2	7.493	7.479	0.014	104230864	500.0	614.3	
2	8.005	7.991	0.014	55309978	500.0	648.0	
2	8.172	8.159	0.013	29284728	500.0	580.8	
2	9.322	9.305	0.017	27998505	500.0	558.9	
		Average of Peak Amounts =				617.6	
						RPD = 9.37	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							
1	11.145	11.157	-0.012	31378014	50.0	59.7	
2	10.053	10.047	0.006	74528436	50.0	57.9	
						RPD = 3.21	
S 12 Polychlorinated biphenyls, Total							
1						1303.7	
16 1260 Res 1							
2	8.005	8.004	0.001	55309978		NR	
14 1260 Res 2							
2	8.087	8.087	0.001	22313641		NR	
15 1260 Res 3							
2	8.172	8.172	0.000	29284728		NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

SGPCBISTD_00025 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Apr-2022 13:21:40 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022161.D

Injection Date: 07-Apr-2022 11:59:52 Instrument ID: CPESTGC14 Operator ID:

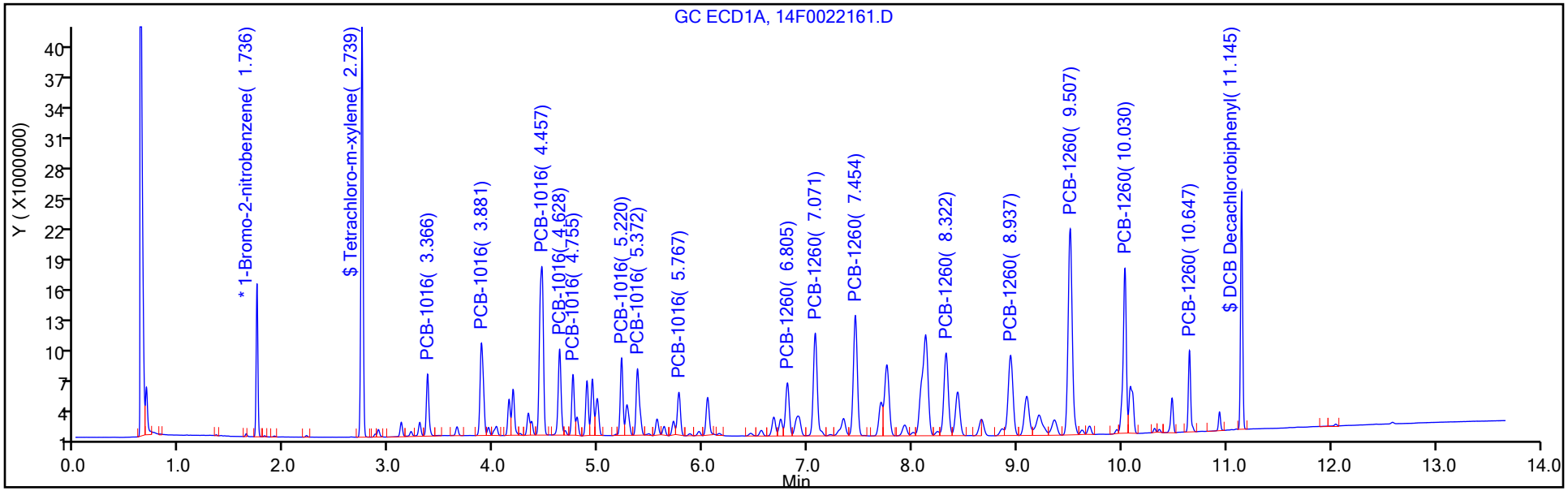
Lims ID: 460-255715-D-16-A MS Worklist Smp#: 27

Client ID:

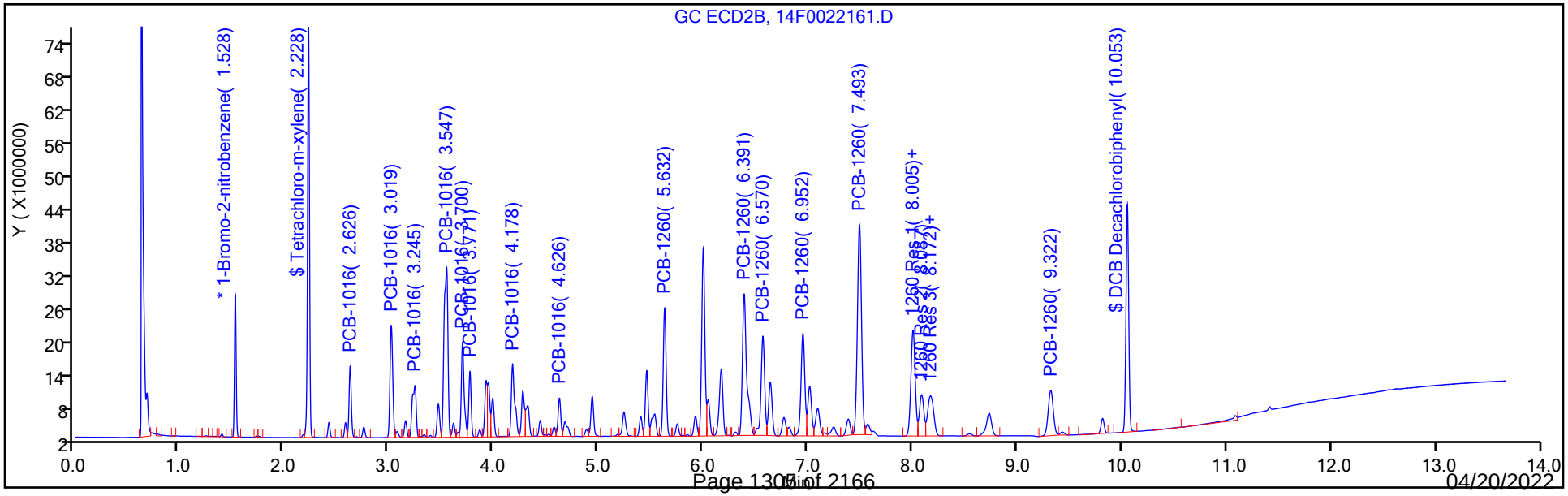
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 57

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022161.D
Lims ID: 460-255715-D-16-A MS
Client ID:
Sample Type: MS
Inject. Date: 07-Apr-2022 11:59:52 ALS Bottle#: 57 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143711-027
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: patelji Date: 07-Apr-2022 12:50:32

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	58.4	116.71
$ 11 DCB Decachlorobiphenyl	50.0	59.7	119.47

Surrogate Recovery, Detector: GC ECD2B

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	55.7	111.44
$ 11 DCB Decachlorobiphenyl	50.0	57.9	115.70

Report Date: 07-Apr-2022 13:21:41 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022161.D

Injection Date: 07-Apr-2022 11:59:52 Instrument ID: CPESTGC14

Lims ID: 460-255715-D-16-A MS

Client ID:

Operator ID: ALS Bottle#: 57 Worklist Smp#: 27

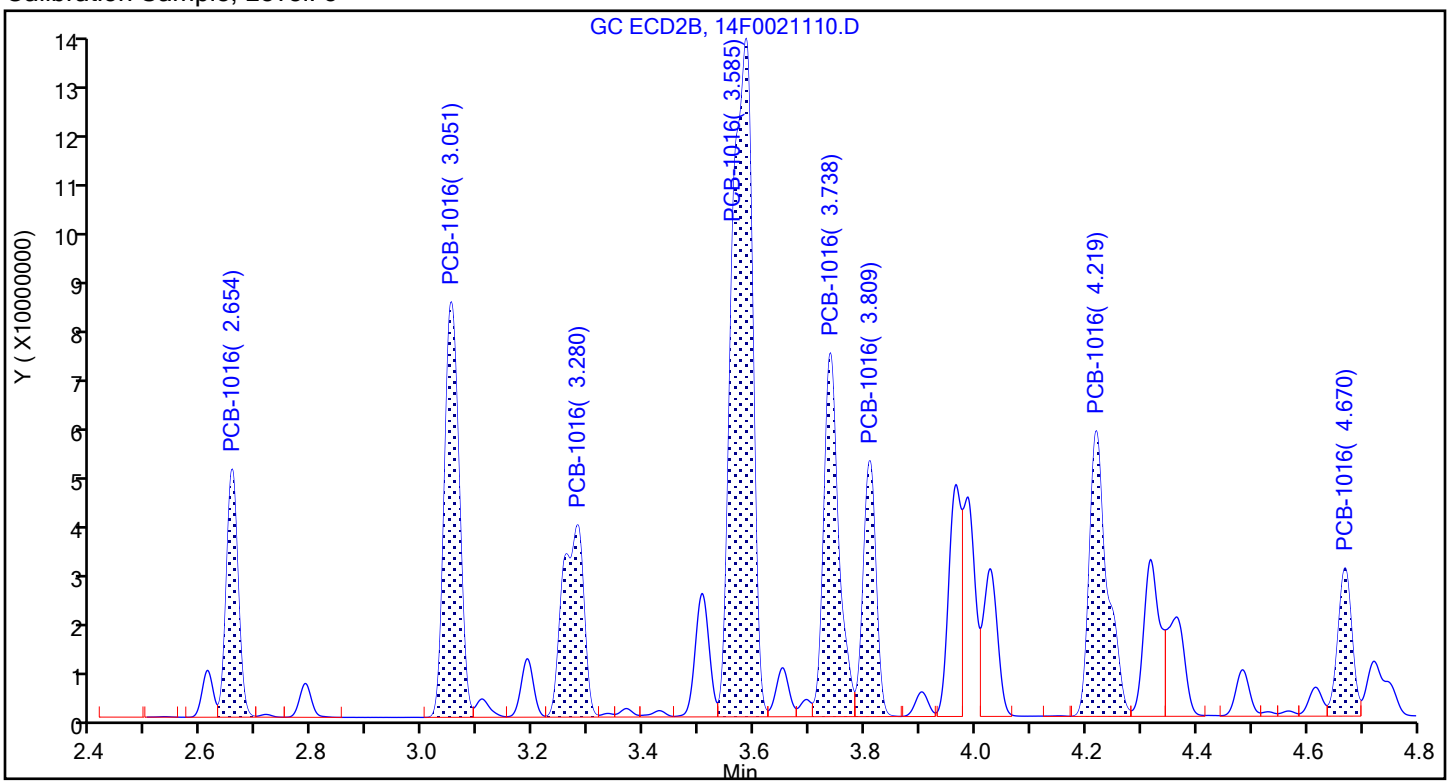
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

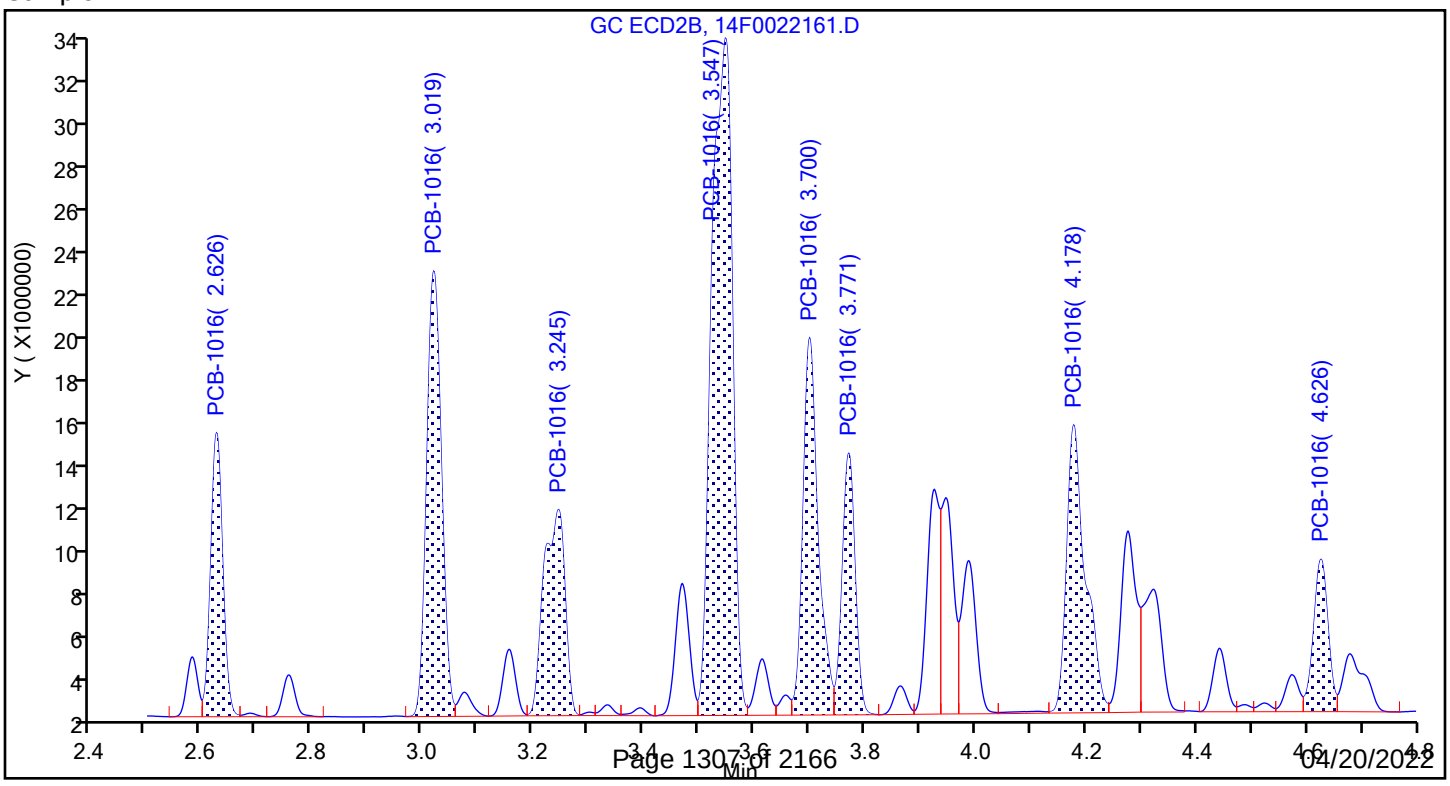
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2

Calibration Sample, Level: 5



Sample



Report Date: 07-Apr-2022 13:21:41 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022161.D

Injection Date: 07-Apr-2022 11:59:52 Instrument ID: CPESTGC14

Lims ID: 460-255715-D-16-A MS

Client ID:

Operator ID: ALS Bottle#: 57 Worklist Smp#: 27

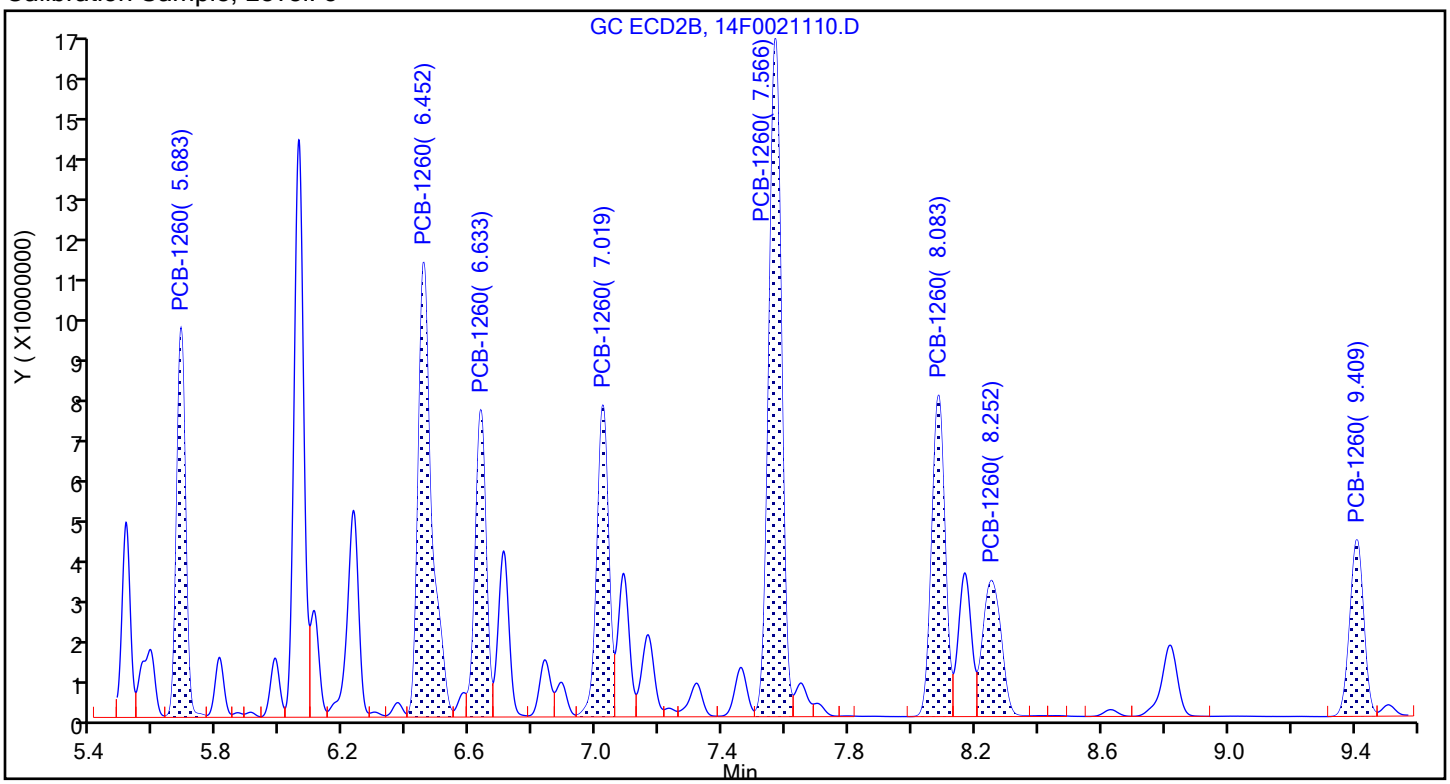
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

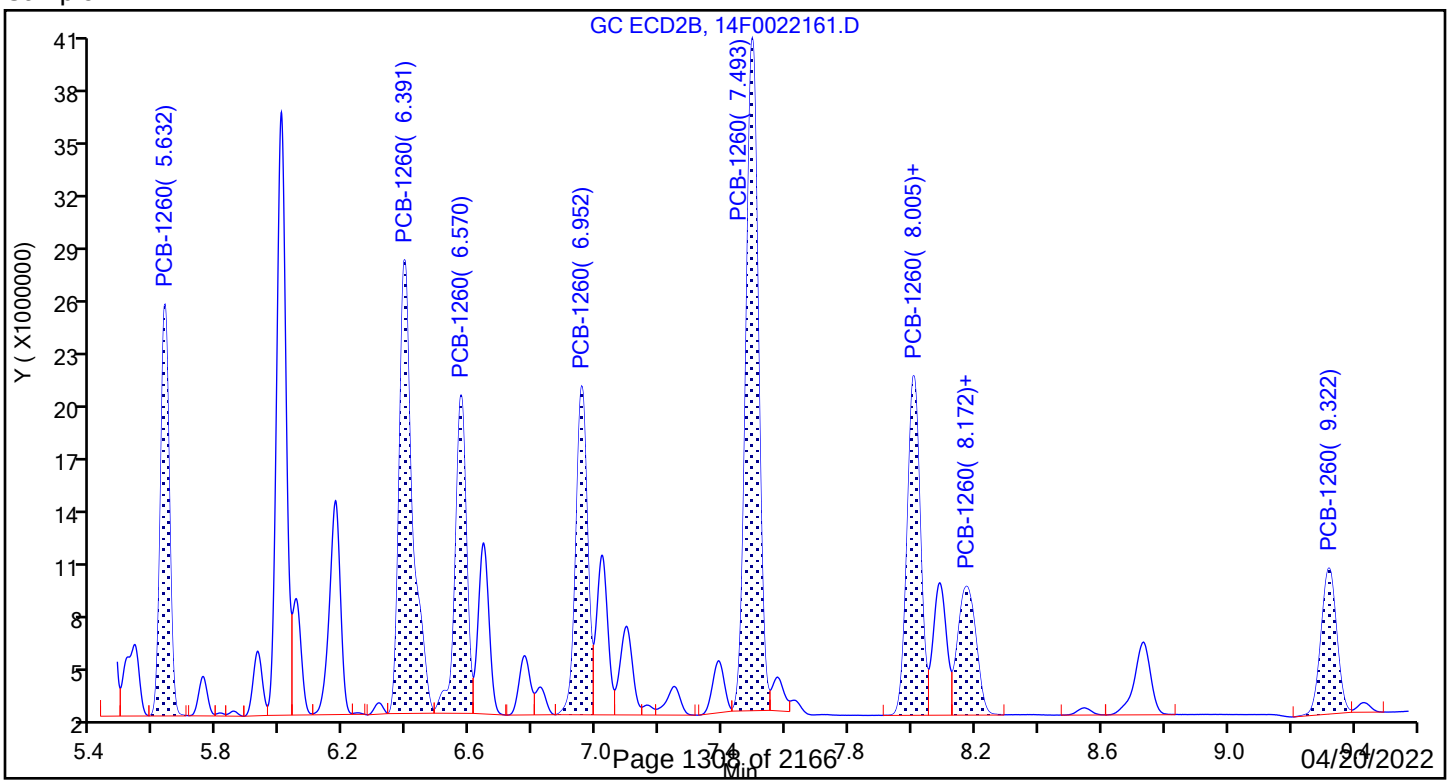
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5

Calibration Sample, Level: 5



Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: COMP-1 MSD | Lab Sample ID: 460-255715-16 MSD

Matrix: Solid | Lab File ID: 14F0022162.D

Analysis Method: 8082A | Date Collected: 04/05/2022 10:25

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:19

Sample wt/vol: 15.07(g) | Date Analyzed: 04/07/2022 12:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 6.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837782 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*429*		*71*	*19*
11104-28-2	*Aroclor 1221*	*19*	*U*	*71*	*19*
11141-16-5	*Aroclor 1232*	*19*	*U*	*71*	*19*
53469-21-9	*Aroclor 1242*	*19*	*U*	*71*	*19*
12672-29-6	*Aroclor 1248*	*19*	*U*	*71*	*19*
11097-69-1	*Aroclor 1254*	*19*	*U*	*71*	*19*
11096-82-5	*Aroclor 1260*	*455*		*71*	*19*
37324-23-5	*Aroclor-1262*	*19*	*U*	*71*	*19*
11100-14-4	*Aroclor 1268*	*19*	*U*	*71*	*19*
1336-36-3	*Polychlorinated biphenyls, Total*	*884*		*71*	*19*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	119		37-150
877-09-8	Tetrachloro-m-xylene	115		54-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022162.D
Lims ID: 460-255715-D-16-B MSD
Client ID:
Sample Type: MSD
Inject. Date: 07-Apr-2022 12:16:27 ALS Bottle#: 58 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143711-028
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: patelji Date: 07-Apr-2022 12:50:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.736	1.733	0.003	18708088	20.0	20.0	
2	1.528	1.524	0.004	31205239	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.740	2.733	0.007	60765250	50.0	57.4	
2	2.228	2.220	0.008	103642599	50.0	55.1	
						RPD = 4.12	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	3.366	3.359	0.007	11059670	500.0	639.3	
1	3.881	3.875	0.006	21677943	500.0	592.3	
1	4.457	4.450	0.007	43871577	500.0	568.8	
1	4.627	4.620	0.007	17995842	500.0	605.4	
1	4.755	4.748	0.007	10863862	500.0	590.3	
1	5.220	5.214	0.006	14004809	500.0	593.2	
1	5.372	5.365	0.007	15438743	500.0	667.5	
1	5.767	5.759	0.008	9218227	500.0	597.1	
		Average of Peak Amounts =				606.7	
2	2.627	2.617	0.010	20333564	500.0	604.2	
2	3.019	3.009	0.010	39230858	500.0	571.0	
2	3.246	3.235	0.011	25876230	500.0	572.4	
2	3.548	3.538	0.010	83773267	500.0	555.8	
2	3.701	3.690	0.011	34250355	500.0	573.2	
2	3.771	3.760	0.011	20333074	500.0	573.9	
2	4.178	4.168	0.010	32228430	500.0	551.3	
2	4.627	4.616	0.011	13371079	500.0	561.1	
		Average of Peak Amounts =				570.4	
						RPD = 6.18	
8 PCB-1260							
1	6.805	6.796	0.009	13226333	500.0	682.6	
1	7.072	7.062	0.010	27376959	500.0	625.7	
1	7.455	7.445	0.010	32440024	500.0	655.4	
1	8.322	8.312	0.010	24839205	500.0	648.7	
1	8.937	8.927	0.010	26120161	500.0	662.5	
1	9.508	9.499	0.009	57637520	500.0	663.3	
1	10.030	10.027	0.003	36364376	500.0	639.8	
1	10.646	10.652	-0.006	12835352	500.0	565.8	
		Average of Peak Amounts =				643.0	
2	5.632	5.621	0.011	46460005	500.0	605.3	
2	6.391	6.379	0.012	78176100	500.0	584.6	
2	6.570	6.560	0.010	44123631	500.0	597.9	
2	6.953	6.940	0.013	49188442	500.0	607.9	
2	7.494	7.479	0.015	110121616	500.0	595.4	
2	8.005	7.991	0.014	57143909	500.0	614.2	
2	8.172	8.159	0.013	30224524	500.0	549.9	
2	9.322	9.305	0.017	29393659	500.0	538.3	
		Average of Peak Amounts =				586.7	
						RPD = 9.15	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							
1	11.145	11.157	-0.012	34040692	50.0	59.3	
2	10.052	10.047	0.005	79188392	50.0	56.4	
						RPD = 5.10	
S 12 Polychlorinated biphenyls, Total							
1						1249.7	
16 1260 Res 1							
2	8.005	8.004	0.001	57143909		NR	
14 1260 Res 2							
2	8.088	8.087	0.002	23320406		NR	
15 1260 Res 3							
2	8.172	8.172	-0.001	30224524		NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

SGPCBISTD_00025 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Apr-2022 13:21:43 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022162.D

Injection Date: 07-Apr-2022 12:16:27 Instrument ID: CPESTGC14 Operator ID:

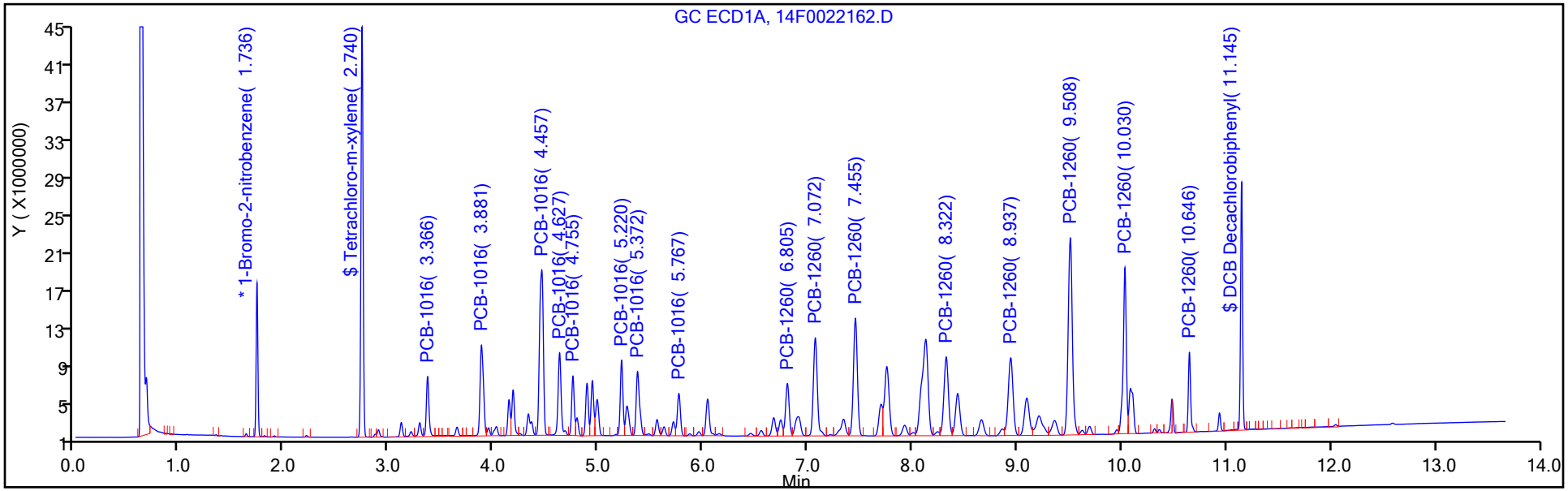
Lims ID: 460-255715-D-16-B MSD Worklist Smp#: 28

Client ID:

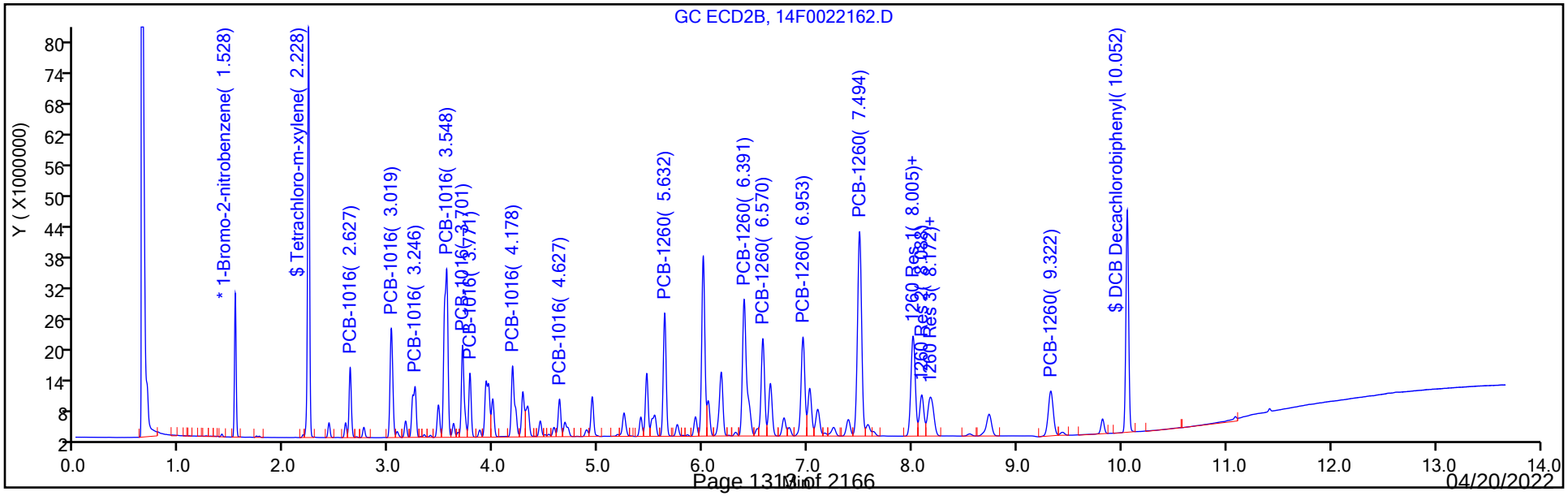
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 58

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022162.D
Lims ID: 460-255715-D-16-B MSD
Client ID:
Sample Type: MSD
Inject. Date: 07-Apr-2022 12:16:27 ALS Bottle#: 58 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143711-028
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: patelji Date: 07-Apr-2022 12:50:23

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	57.4	114.76
$ 11 DCB Decachlorobiphenyl	50.0	59.3	118.69

Surrogate Recovery, Detector: GC ECD2B

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	55.1	110.12
$ 11 DCB Decachlorobiphenyl	50.0	56.4	112.78

Report Date: 07-Apr-2022 13:21:43 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022162.D

Injection Date: 07-Apr-2022 12:16:27 Instrument ID: CPESTGC14

Lims ID: 460-255715-D-16-B MSD

Client ID:

Operator ID: ALS Bottle#: 58 Worklist Smp#: 28

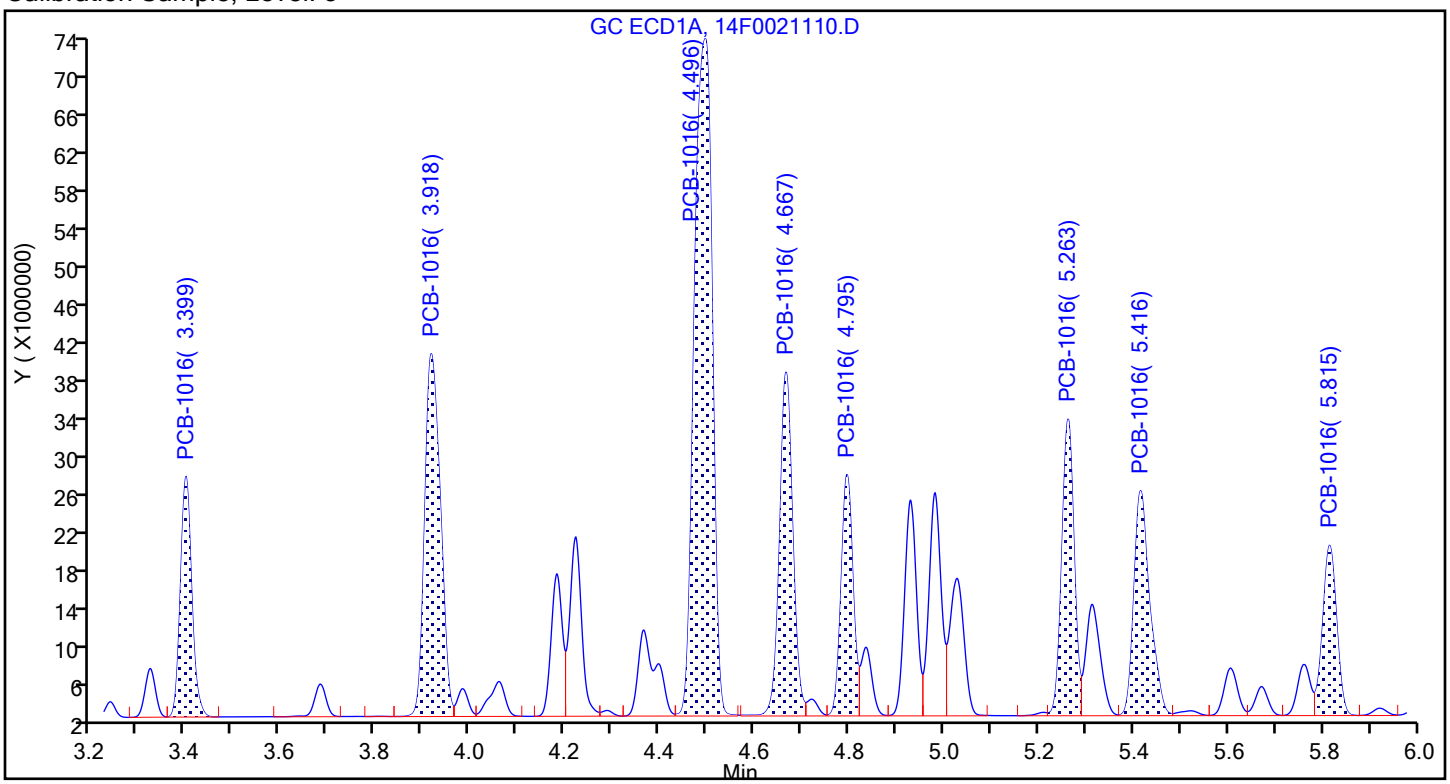
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

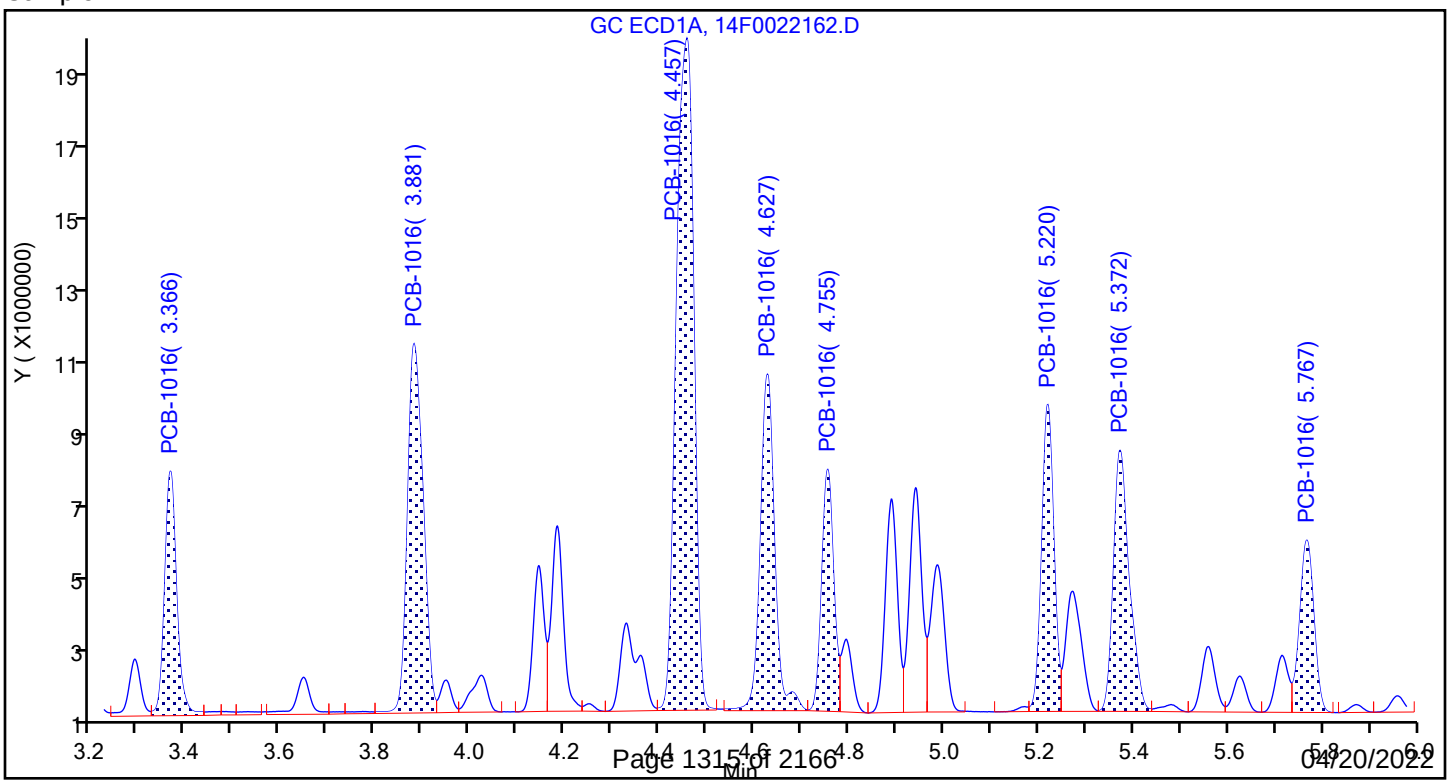
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

5 PCB-1016, CAS: 12674-11-2

Calibration Sample, Level: 5



Sample



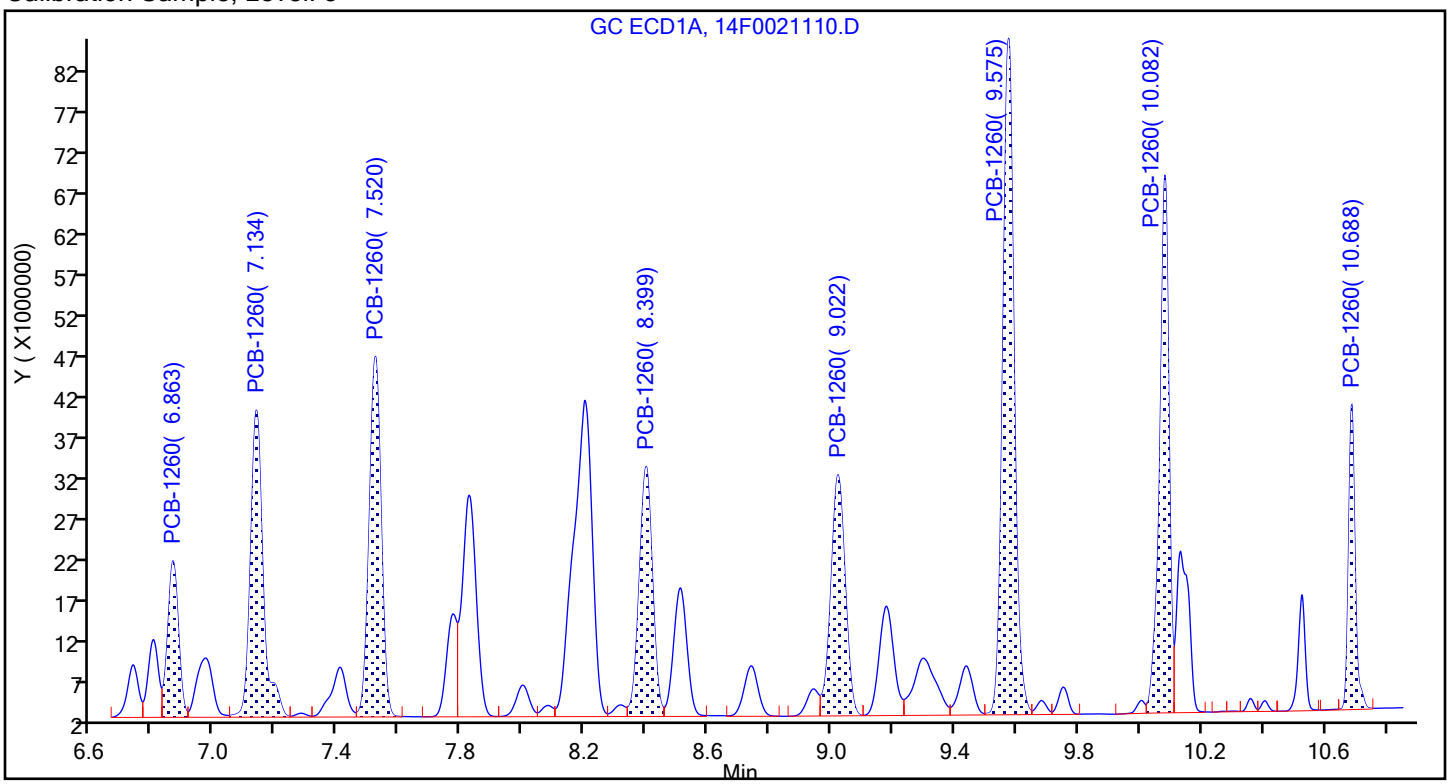
Report Date: 07-Apr-2022 13:21:43 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

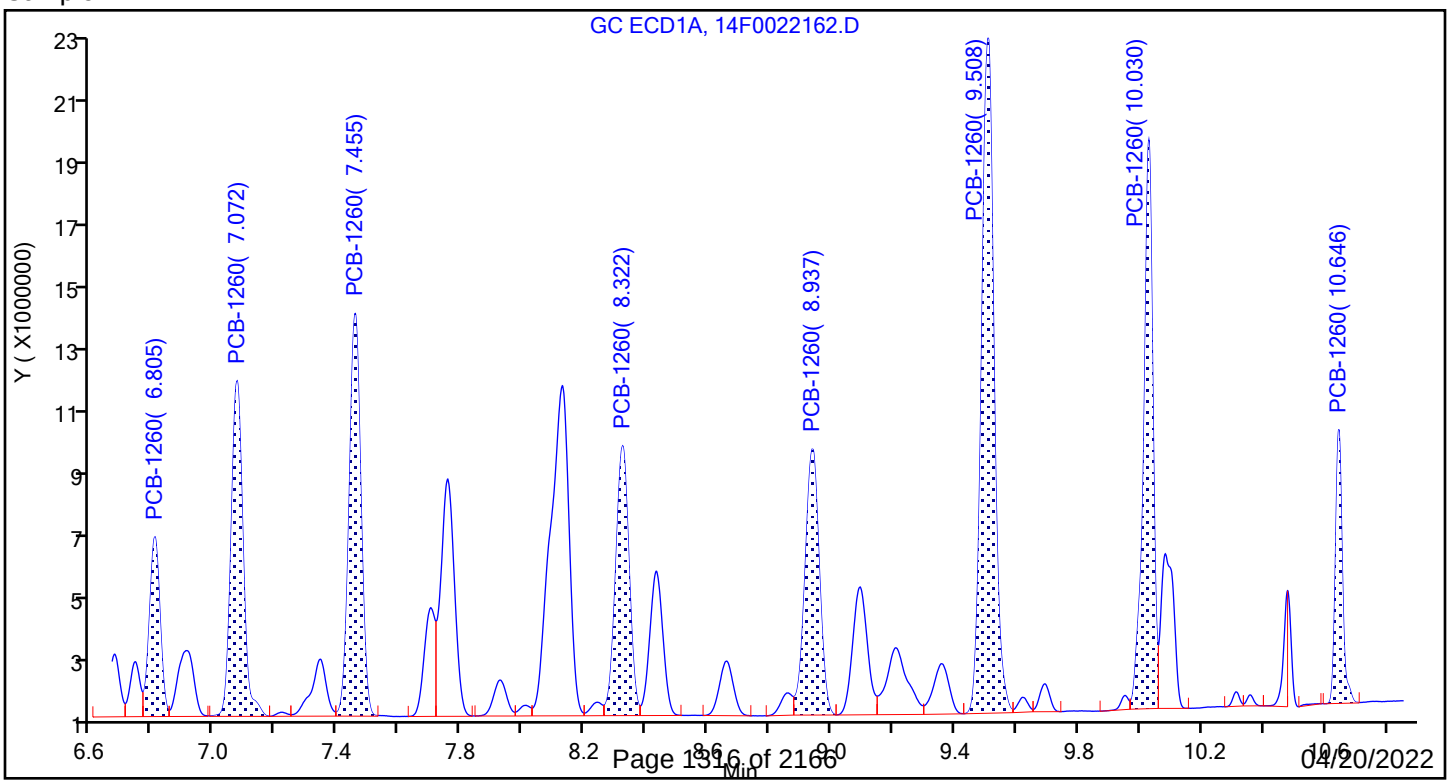
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022162.D
Injection Date: 07-Apr-2022 12:16:27 Instrument ID: CPESTGC14
Lims ID: 460-255715-D-16-B MSD
Client ID:
Operator ID: ALS Bottle#: 58 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5

Calibration Sample, Level: 5



Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG No.:

Client Sample ID: COMP-1 MSD | Lab Sample ID: 460-255715-16 MSD

Matrix: Solid | Lab File ID: 14F0022162.D

Analysis Method: 8082A | Date Collected: 04/05/2022 10:25

Extraction Method: 3546 | Date Extracted: 04/06/2022 18:19

Sample wt/vol: 15.07(g) | Date Analyzed: 04/07/2022 12:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 837782 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	403		71	19
11104-28-2	Aroclor 1221	19	U	71	19
11141-16-5	Aroclor 1232	19	U	71	19
53469-21-9	Aroclor 1242	19	U	71	19
12672-29-6	Aroclor 1248	19	U	71	19
11097-69-1	Aroclor 1254	19	U	71	19
11096-82-5	Aroclor 1260	415		71	19
37324-23-5	Aroclor-1262	19	U	71	19
11100-14-4	Aroclor 1268	19	U	71	19
1336-36-3	Polychlorinated biphenyls, Total	818		71	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113		37-150
877-09-8	Tetrachloro-m-xylene	110		54-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022162.D
Lims ID: 460-255715-D-16-B MSD
Client ID:
Sample Type: MSD
Inject. Date: 07-Apr-2022 12:16:27 ALS Bottle#: 58 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143711-028
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: patelji Date: 07-Apr-2022 12:50:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.736	1.733	0.003	18708088	20.0	20.0	
2	1.528	1.524	0.004	31205239	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.740	2.733	0.007	60765250	50.0	57.4	
2	2.228	2.220	0.008	103642599	50.0	55.1	
						RPD = 4.12	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	3.366	3.359	0.007	11059670	500.0	639.3	
1	3.881	3.875	0.006	21677943	500.0	592.3	
1	4.457	4.450	0.007	43871577	500.0	568.8	
1	4.627	4.620	0.007	17995842	500.0	605.4	
1	4.755	4.748	0.007	10863862	500.0	590.3	
1	5.220	5.214	0.006	14004809	500.0	593.2	
1	5.372	5.365	0.007	15438743	500.0	667.5	
1	5.767	5.759	0.008	9218227	500.0	597.1	
		Average of Peak Amounts =				606.7	
2	2.627	2.617	0.010	20333564	500.0	604.2	
2	3.019	3.009	0.010	39230858	500.0	571.0	
2	3.246	3.235	0.011	25876230	500.0	572.4	
2	3.548	3.538	0.010	83773267	500.0	555.8	
2	3.701	3.690	0.011	34250355	500.0	573.2	
2	3.771	3.760	0.011	20333074	500.0	573.9	
2	4.178	4.168	0.010	32228430	500.0	551.3	
2	4.627	4.616	0.011	13371079	500.0	561.1	
		Average of Peak Amounts =				570.4	
						RPD = 6.18	
8 PCB-1260							
1	6.805	6.796	0.009	13226333	500.0	682.6	
1	7.072	7.062	0.010	27376959	500.0	625.7	
1	7.455	7.445	0.010	32440024	500.0	655.4	
1	8.322	8.312	0.010	24839205	500.0	648.7	
1	8.937	8.927	0.010	26120161	500.0	662.5	
1	9.508	9.499	0.009	57637520	500.0	663.3	
1	10.030	10.027	0.003	36364376	500.0	639.8	
1	10.646	10.652	-0.006	12835352	500.0	565.8	
		Average of Peak Amounts =				643.0	
2	5.632	5.621	0.011	46460005	500.0	605.3	
2	6.391	6.379	0.012	78176100	500.0	584.6	
2	6.570	6.560	0.010	44123631	500.0	597.9	
2	6.953	6.940	0.013	49188442	500.0	607.9	
2	7.494	7.479	0.015	110121616	500.0	595.4	
2	8.005	7.991	0.014	57143909	500.0	614.2	
2	8.172	8.159	0.013	30224524	500.0	549.9	
2	9.322	9.305	0.017	29393659	500.0	538.3	
		Average of Peak Amounts =				586.7	
						RPD = 9.15	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							
1	11.145	11.157	-0.012	34040692	50.0	59.3	
2	10.052	10.047	0.005	79188392	50.0	56.4	
						RPD = 5.10	
S 12 Polychlorinated biphenyls, Total							
1						1249.7	
16 1260 Res 1							
2	8.005	8.004	0.001	57143909		NR	
14 1260 Res 2							
2	8.088	8.087	0.002	23320406		NR	
15 1260 Res 3							
2	8.172	8.172	-0.001	30224524		NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

SGPCBISTD_00025 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Apr-2022 13:21:43 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022162.D

Injection Date: 07-Apr-2022 12:16:27 Instrument ID: CPESTGC14 Operator ID:

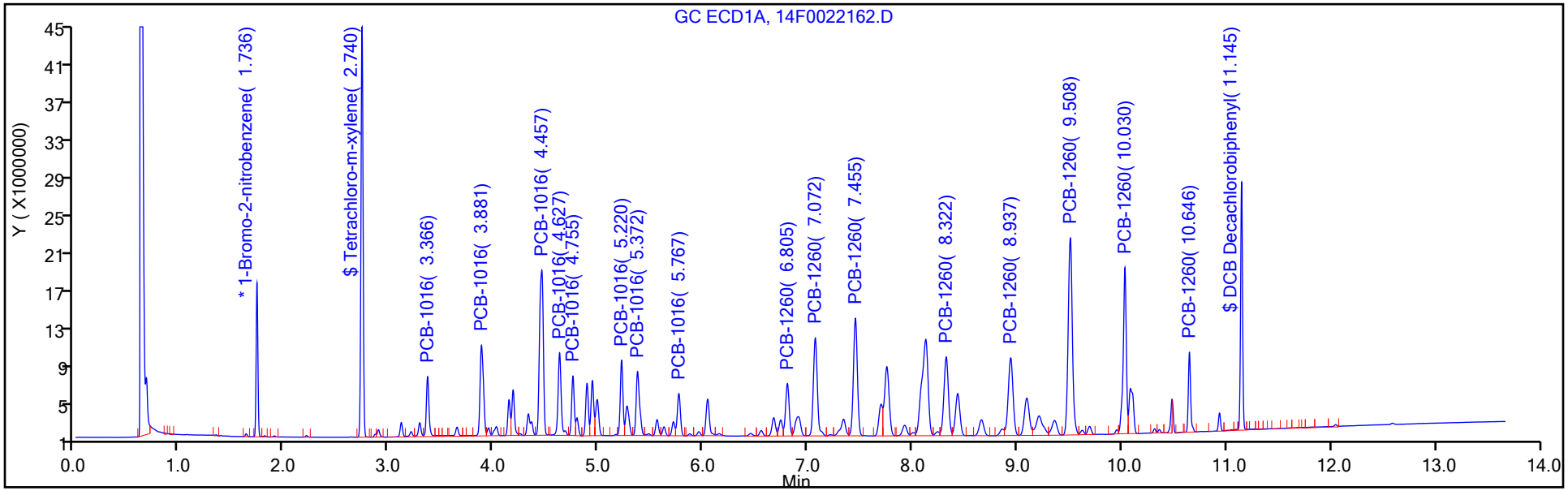
Lims ID: 460-255715-D-16-B MSD Worklist Smp#: 28

Client ID:

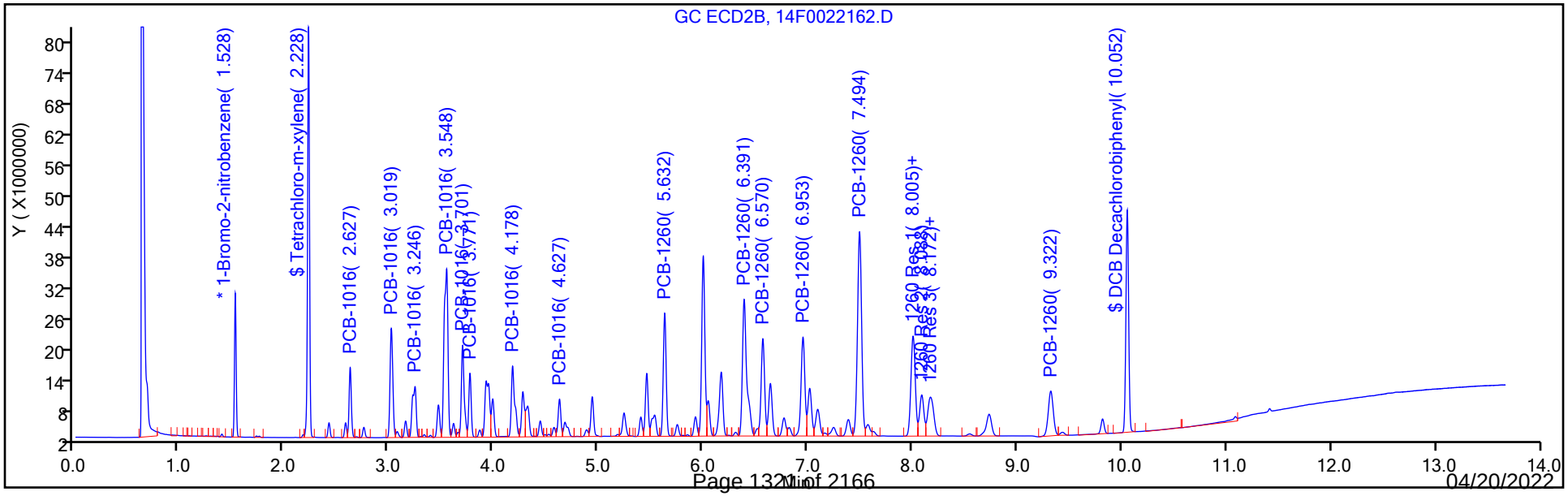
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 58

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022162.D
Lims ID: 460-255715-D-16-B MSD
Client ID:
Sample Type: MSD
Inject. Date: 07-Apr-2022 12:16:27 ALS Bottle#: 58 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143711-028
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Apr-2022 13:21:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1640

First Level Reviewer: patelji Date: 07-Apr-2022 12:50:23

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	57.4	114.76
$ 11 DCB Decachlorobiphenyl	50.0	59.3	118.69

Surrogate Recovery, Detector: GC ECD2B

Compound	Amount Added	Amount Recovered	% Rec.
$ 2 Tetrachloro-m-xylene	50.0	55.1	110.12
$ 11 DCB Decachlorobiphenyl	50.0	56.4	112.78

Report Date: 07-Apr-2022 13:21:44 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022162.D

Injection Date: 07-Apr-2022 12:16:27 Instrument ID: CPESTGC14

Lims ID: 460-255715-D-16-B MSD

Client ID:

Operator ID: ALS Bottle#: 58 Worklist Smp#: 28

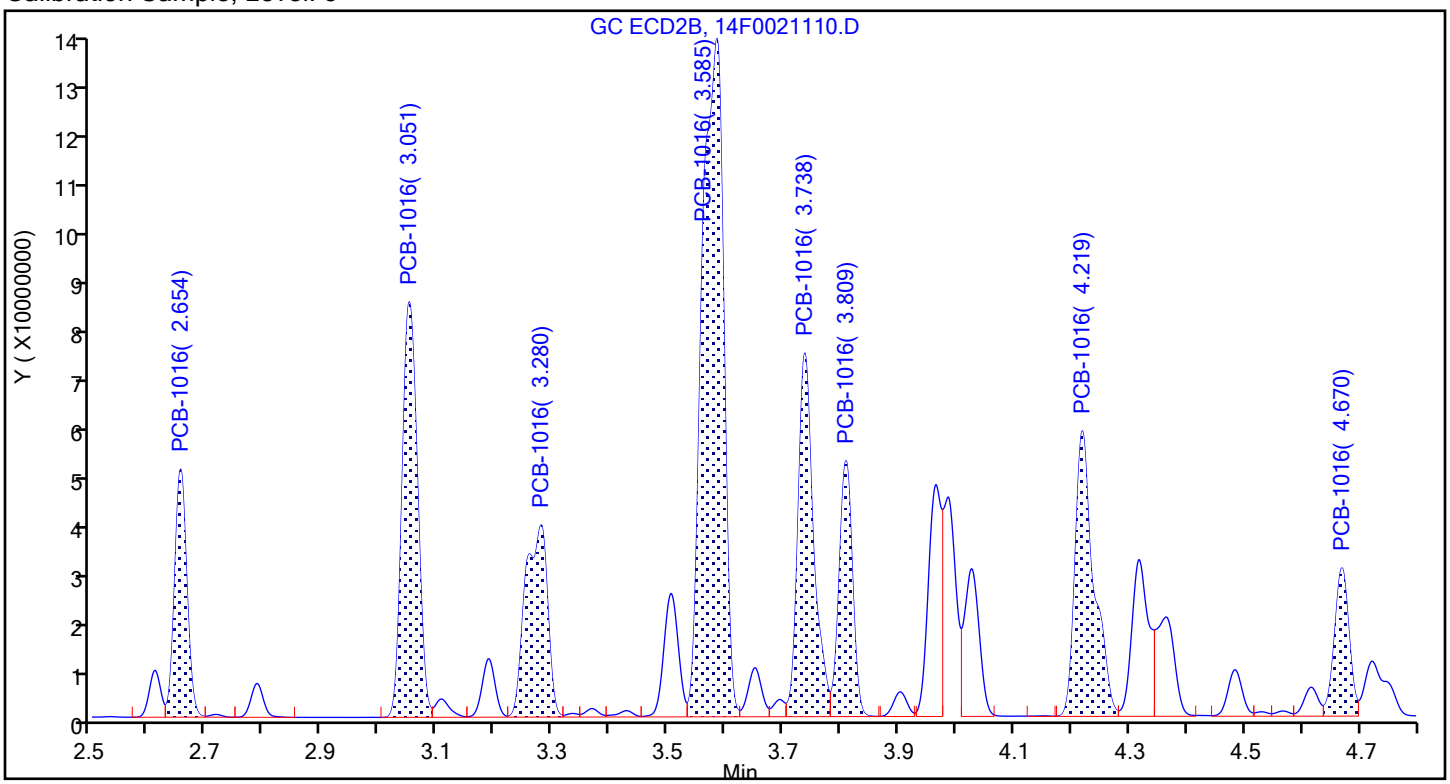
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

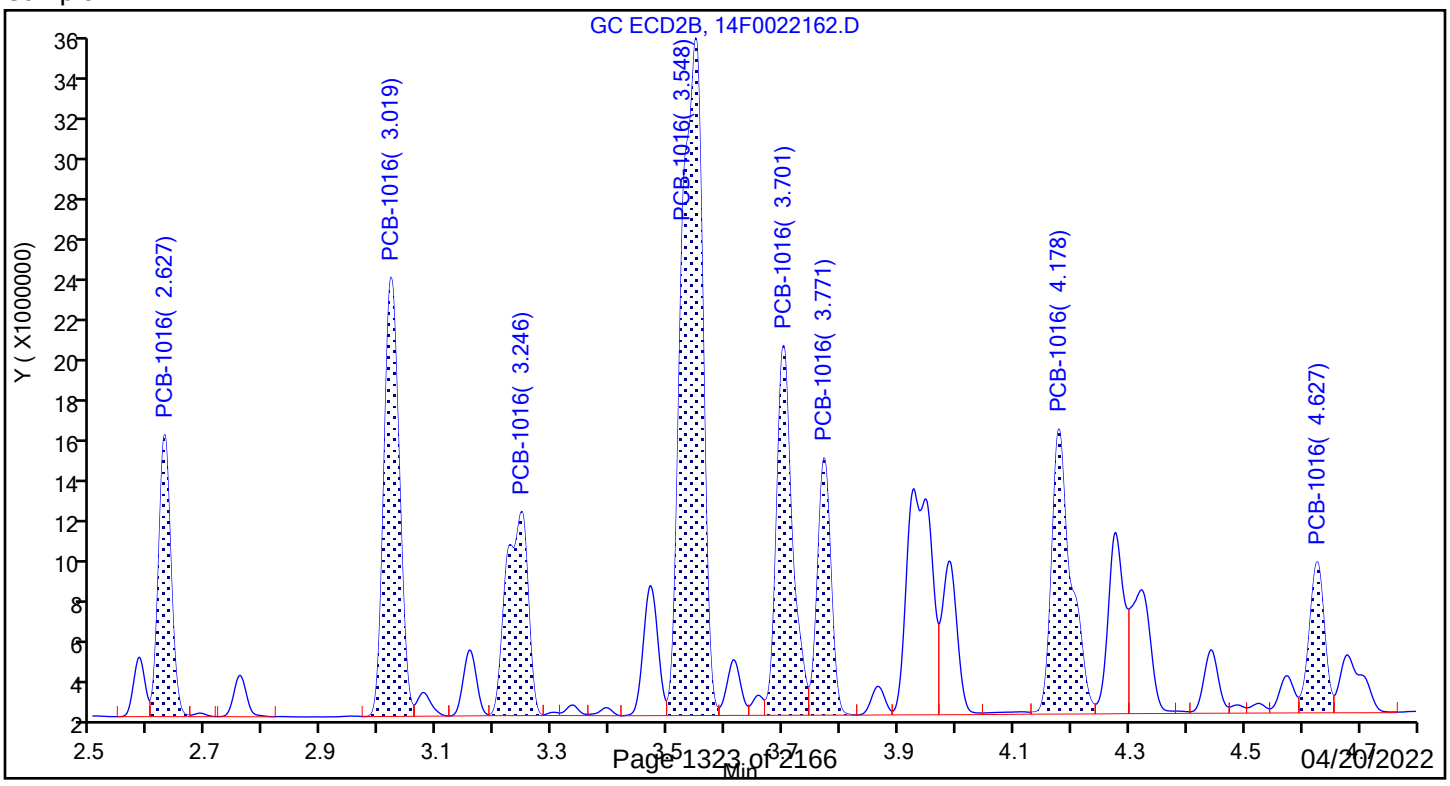
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2

Calibration Sample, Level: 5



Sample



Report Date: 07-Apr-2022 13:21:44 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220407-143711.b\14F0022162.D

Injection Date: 07-Apr-2022 12:16:27 Instrument ID: CPESTGC14

Lims ID: 460-255715-D-16-B MSD

Client ID:

Operator ID: ALS Bottle#: 58 Worklist Smp#: 28

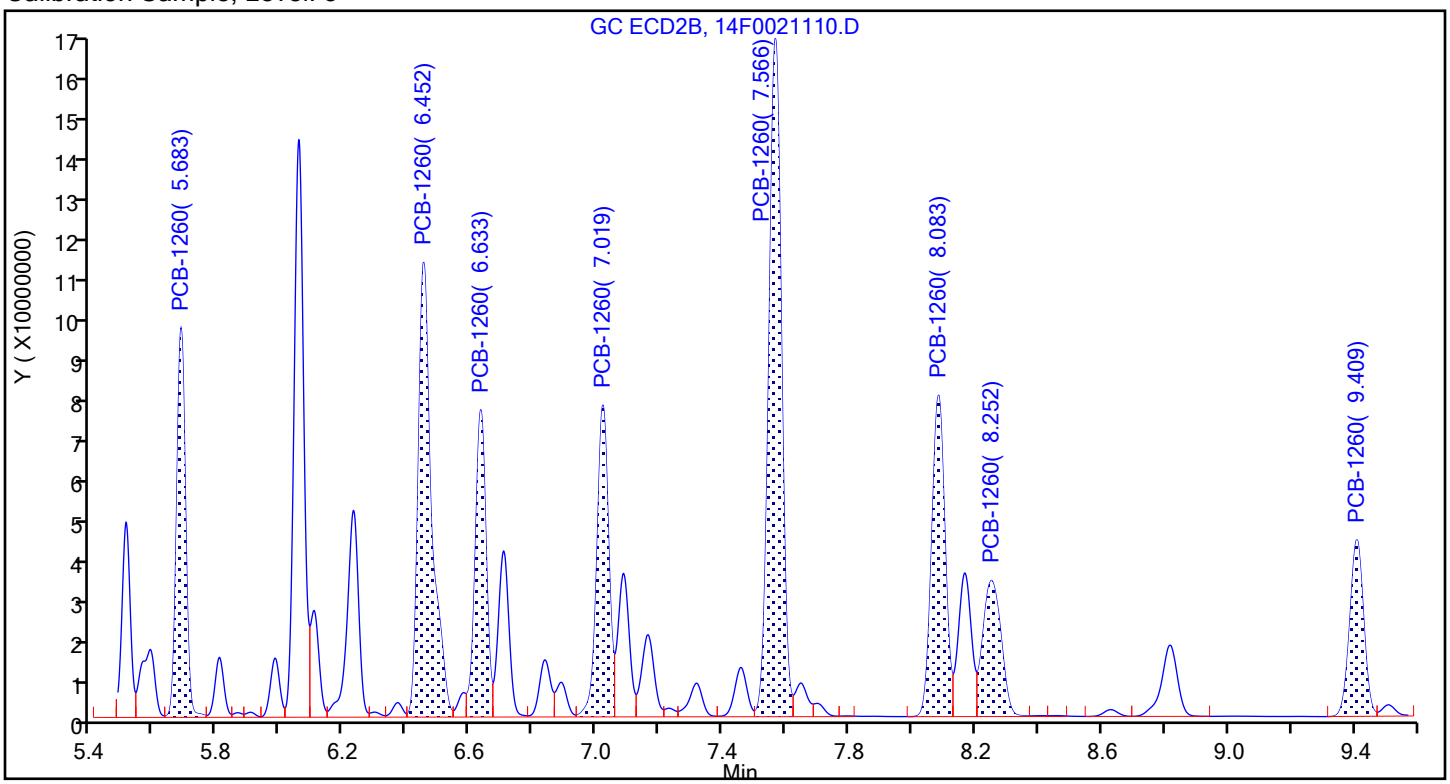
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

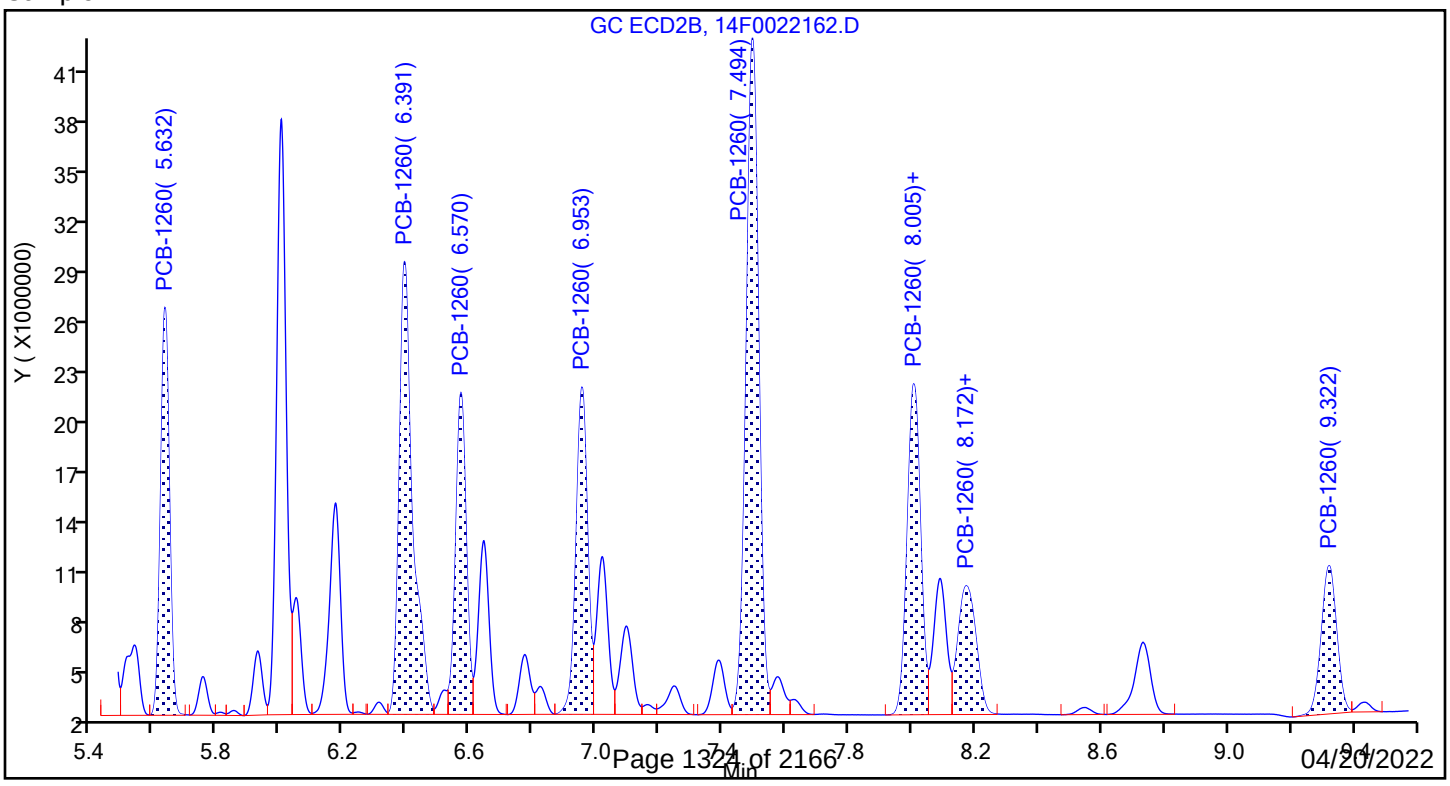
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5

Calibration Sample, Level: 5



Sample



PCBS ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: CPESTGC14 Start Date: 03/02/2022 18:16

Analysis Batch Number: 831251 End Date: 03/03/2022 10:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-831251/1		03/02/2022 18:16	1		Rtx-CLP 0.53(mm)
PIBLK 460-831251/1		03/02/2022 18:16	1		CLP-2 0.53(mm)
IC 460-831251/2 ICIS		03/02/2022 18:33	1	14F0021106.D	Rtx-CLP 0.53(mm)
IC 460-831251/2 ICIS		03/02/2022 18:33	1	14F0021106.D	CLP-2 0.53(mm)
IC 460-831251/3		03/02/2022 18:50	1	14F0021107.D	Rtx-CLP 0.53(mm)
IC 460-831251/3		03/02/2022 18:50	1	14F0021107.D	CLP-2 0.53(mm)
IC 460-831251/4		03/02/2022 19:06	1	14F0021108.D	Rtx-CLP 0.53(mm)
IC 460-831251/4		03/02/2022 19:06	1	14F0021108.D	CLP-2 0.53(mm)
IC 460-831251/6		03/02/2022 19:39	1	14F0021110.D	Rtx-CLP 0.53(mm)
IC 460-831251/6		03/02/2022 19:39	1	14F0021110.D	CLP-2 0.53(mm)
IC 460-831251/9		03/02/2022 20:29	1	14F0021113.D	Rtx-CLP 0.53(mm)
IC 460-831251/9		03/02/2022 20:29	1	14F0021113.D	CLP-2 0.53(mm)
IC 460-831251/10		03/02/2022 20:46	1	14F0021114.D	Rtx-CLP 0.53(mm)
IC 460-831251/10		03/02/2022 20:46	1	14F0021114.D	CLP-2 0.53(mm)
IC 460-831251/11		03/02/2022 21:03	1	14F0021115.D	Rtx-CLP 0.53(mm)
IC 460-831251/11		03/02/2022 21:03	1	14F0021115.D	CLP-2 0.53(mm)
IC 460-831251/12		03/02/2022 21:19	1	14F0021116.D	Rtx-CLP 0.53(mm)
IC 460-831251/12		03/02/2022 21:19	1	14F0021116.D	CLP-2 0.53(mm)
IC 460-831251/13		03/02/2022 21:36	1	14F0021117.D	Rtx-CLP 0.53(mm)
IC 460-831251/13		03/02/2022 21:36	1	14F0021117.D	CLP-2 0.53(mm)
IC 460-831251/14		03/02/2022 21:52	1	14F0021118.D	Rtx-CLP 0.53(mm)
IC 460-831251/14		03/02/2022 21:52	1	14F0021118.D	CLP-2 0.53(mm)
IC 460-831251/15		03/02/2022 22:09	1	14F0021119.D	Rtx-CLP 0.53(mm)
IC 460-831251/15		03/02/2022 22:09	1	14F0021119.D	CLP-2 0.53(mm)
IC 460-831251/17		03/03/2022 10:07	1	14F0021121.D	Rtx-CLP 0.53(mm)
IC 460-831251/17		03/03/2022 10:07	1	14F0021121.D	CLP-2 0.53(mm)
ICV 460-831251/18		03/03/2022 10:23	1	14F0021122.D	Rtx-CLP 0.53(mm)
ICV 460-831251/18		03/03/2022 10:23	1	14F0021122.D	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: CPESTGC14 Start Date: 04/07/2022 04:47

Analysis Batch Number: 837782 End Date: 04/07/2022 16:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-837782/1		04/07/2022 04:47	1	14F0022135.D	Rtx-CLP 0.53(mm)
PIBLK 460-837782/1		04/07/2022 04:47	1	14F0022135.D	CLP-2 0.53(mm)
CCVIS 460-837782/2		04/07/2022 05:04	1	14F0022136.D	Rtx-CLP 0.53(mm)
CCVIS 460-837782/2		04/07/2022 05:04	1	14F0022136.D	CLP-2 0.53(mm)
CCV 460-837782/3		04/07/2022 05:21	1		Rtx-CLP 0.53(mm)
CCV 460-837782/3		04/07/2022 05:21	1		CLP-2 0.53(mm)
ZZZZZ		04/07/2022 05:37	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/07/2022 05:37	1		CLP-2 0.53(mm)
ZZZZZ		04/07/2022 05:54	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/07/2022 05:54	1		CLP-2 0.53(mm)
ZZZZZ		04/07/2022 06:10	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/07/2022 06:10	1		CLP-2 0.53(mm)
ZZZZZ		04/07/2022 06:27	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/07/2022 06:27	1		CLP-2 0.53(mm)
ZZZZZ		04/07/2022 06:44	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/07/2022 06:44	1		CLP-2 0.53(mm)
ZZZZZ		04/07/2022 07:00	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/07/2022 07:00	1		CLP-2 0.53(mm)
ZZZZZ		04/07/2022 07:17	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/07/2022 07:17	1		CLP-2 0.53(mm)
ZZZZZ		04/07/2022 07:33	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/07/2022 07:33	1		CLP-2 0.53(mm)
ZZZZZ		04/07/2022 07:50	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/07/2022 07:50	1		CLP-2 0.53(mm)
ZZZZZ		04/07/2022 08:07	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/07/2022 08:07	1		CLP-2 0.53(mm)
ZZZZZ		04/07/2022 08:23	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/07/2022 08:23	1		CLP-2 0.53(mm)
ZZZZZ		04/07/2022 08:40	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/07/2022 08:40	1		CLP-2 0.53(mm)
ZZZZZ		04/07/2022 08:56	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/07/2022 08:56	1		CLP-2 0.53(mm)
ZZZZZ		04/07/2022 09:13	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/07/2022 09:13	1		CLP-2 0.53(mm)
ZZZZZ		04/07/2022 09:30	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/07/2022 09:30	1		CLP-2 0.53(mm)
ZZZZZ		04/07/2022 09:46	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/07/2022 09:46	1		CLP-2 0.53(mm)
ZZZZZ		04/07/2022 10:03	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/07/2022 10:03	1		CLP-2 0.53(mm)
ZZZZZ		04/07/2022 10:20	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/07/2022 10:20	1		CLP-2 0.53(mm)
ZZZZZ		04/07/2022 10:36	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/07/2022 10:36	1		CLP-2 0.53(mm)
MB 460-837713/1-A		04/07/2022 10:53	1	14F0022157.D	Rtx-CLP 0.53(mm)
MB 460-837713/1-A		04/07/2022 10:53	1	14F0022157.D	CLP-2 0.53(mm)

8082A

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: CPESTGC14 Start Date: 04/07/2022 04:47

Analysis Batch Number: 837782 End Date: 04/07/2022 16:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
LCS 460-837713/2-A		04/07/2022 11:09	1	14F0022158.D	Rtx-CLP 0.53(mm)
LCS 460-837713/2-A		04/07/2022 11:09	1	14F0022158.D	CLP-2 0.53(mm)
LCSD 460-837713/3-A		04/07/2022 11:26	1	14F0022159.D	Rtx-CLP 0.53(mm)
LCSD 460-837713/3-A		04/07/2022 11:26	1	14F0022159.D	CLP-2 0.53(mm)
460-255715-16	COMP-1	04/07/2022 11:43	1	14F0022160.D	Rtx-CLP 0.53(mm)
460-255715-16	COMP-1	04/07/2022 11:43	1	14F0022160.D	CLP-2 0.53(mm)
460-255715-16 MS	COMP-1 MS	04/07/2022 11:59	1	14F0022161.D	Rtx-CLP 0.53(mm)
460-255715-16 MS	COMP-1 MS	04/07/2022 11:59	1	14F0022161.D	CLP-2 0.53(mm)
460-255715-16 MSD	COMP-1 MSD	04/07/2022 12:16	1	14F0022162.D	Rtx-CLP 0.53(mm)
460-255715-16 MSD	COMP-1 MSD	04/07/2022 12:16	1	14F0022162.D	CLP-2 0.53(mm)
460-255715-17	COMP-2	04/07/2022 12:33	1	14F0022163.D	Rtx-CLP 0.53(mm)
460-255715-17	COMP-2	04/07/2022 12:33	1	14F0022163.D	CLP-2 0.53(mm)
460-255715-18	COMP-3	04/07/2022 12:49	1	14F0022164.D	Rtx-CLP 0.53(mm)
460-255715-18	COMP-3	04/07/2022 12:49	1	14F0022164.D	CLP-2 0.53(mm)
ZZZZZ		04/07/2022 13:06	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/07/2022 13:06	1		CLP-2 0.53(mm)
CCV 460-837782/32		04/07/2022 13:22	1		Rtx-CLP 0.53(mm)
CCV 460-837782/32		04/07/2022 13:22	1		CLP-2 0.53(mm)
ZZZZZ		04/07/2022 13:39	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/07/2022 13:39	1		CLP-2 0.53(mm)
ZZZZZ		04/07/2022 16:15	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/07/2022 16:15	1		CLP-2 0.53(mm)
ZZZZZ		04/07/2022 16:31	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/07/2022 16:31	1		CLP-2 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 837713 Batch Start Date: 04/06/22 18:19 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBSP 00039	OPPSTPCBSURR 00022		
MB 460-837713/1		3546, 8082A		15.00 g	10 mL		50 uL		
LCS 460-837713/2		3546, 8082A		15.00 g	10 mL	50 uL	50 uL		
LCSD 460-837713/3		3546, 8082A		15.00 g	10 mL	50 uL	50 uL		
460-255715-D-16 MS	COMP-1	3546, 8082A	T	15.04 g	10 mL	50 uL	50 uL		
460-255715-D-16 MSD	COMP-1	3546, 8082A	T	15.07 g	10 mL	50 uL	50 uL		
460-255715-D-16	COMP-1	3546, 8082A	T	15.02 g	10 mL		50 uL		
460-255715-C-17	COMP-2	3546, 8082A	T	15.02 g	10 mL		50 uL		
460-255715-A-18	COMP-3	3546, 8082A	T	15.01 g	10 mL		50 uL		

Batch Notes	
Method/Fraction	3546 / 8082 SOIL
Microwave Oven ID	MD1952/5095/4965
Analyst ID - Extraction	ARCHIE
Blank Matrix ID	181427
Analyst ID - Spike Analyst	ARCHIE
Analyst ID - Spike Witness Analyst	JOSE
Prep Solvent ID	Acetone 21I0962010/Hexane 21K1062013
Na2SO4 ID	195259
Analyst ID - Concentration	ARCHIE
Equipment ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	35 Degrees C
Concentration 1 Corrected Temperature	35 Degrees C
Acid used for Clean Up ID	276386
Copper ID	LOT# 913270-BJ
Batch Comment	PCB SOIL

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS

COVER PAGE
METALS

Lab Name: Eurofins Edison Job Number: 460-255715-1

SDG No.:

Project: Bridge Cleaners

Client Sample ID	Lab Sample ID
COMP-1	460-255715-16
COMP-2	460-255715-17
COMP-3	460-255715-18

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: COMP-1 | Lab Sample ID: 460-255715-16

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG ID.:

Matrix: Solid | Date Sampled: 04/05/2022 10:25

Reporting Basis: DRY | Date Received: 04/05/2022 18:00

% Solids: 93.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	0.077	0.86	0.077	mg/Kg	U		1	6020B
7429-90-5	Aluminum	7350	17.2	4.7	mg/Kg			1	6020B
7440-38-2	Arsenic	1.6	0.86	0.089	mg/Kg			1	6020B
7440-39-3	Barium	46.4	1.7	0.12	mg/Kg			1	6020B
7440-41-7	Beryllium	0.28	0.34	0.049	mg/Kg	J		1	6020B
7440-70-2	Calcium	5560	86.0	15.2	mg/Kg			1	6020B
7440-43-9	Cadmium	0.12	0.86	0.097	mg/Kg	J		1	6020B
7440-48-4	Cobalt	5.7	1.7	0.13	mg/Kg			1	6020B
7440-47-3	Chromium	16.1	1.7	0.78	mg/Kg			1	6020B
7440-50-8	Copper	19.9	1.7	0.32	mg/Kg			1	6020B
7439-89-6	Iron	13100	51.6	17.4	mg/Kg			1	6020B
7440-09-7	Potassium	1140	86.0	13.9	mg/Kg			1	6020B
7439-95-4	Magnesium	5560	86.0	8.8	mg/Kg			1	6020B
7439-96-5	Manganese	241	3.4	0.35	mg/Kg			1	6020B
7440-23-5	Sodium	120	86.0	39.3	mg/Kg			1	6020B
7440-02-0	Nickel	12.5	1.7	0.40	mg/Kg			1	6020B
7439-92-1	Lead	99.4	0.52	0.17	mg/Kg			1	6020B
7440-36-0	Antimony	0.13	0.86	0.13	mg/Kg	U		1	6020B
7782-49-2	Selenium	0.11	1.1	0.11	mg/Kg	U		1	6020B
7440-28-0	Thallium	0.10	0.34	0.035	mg/Kg	J		1	6020B
7440-62-2	Vanadium	27.2	1.7	0.18	mg/Kg			1	6020B
7440-66-6	Zinc	62.7	6.9	2.6	mg/Kg			1	6020B
7439-97-6	Mercury	0.013	0.018	0.0084	mg/Kg	J		1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TCLP

Client Sample ID: COMP-1 | Lab Sample ID: 460-255715-16

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG ID.:

Matrix: Solid | Date Sampled: 04/05/2022 10:25

Reporting Basis: WET | Date Received: 04/05/2022 18:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.9	20.0	2.9	ug/L	U		10	6020B
7440-38-2	Arsenic	8.9	20.0	8.9	ug/L	U		10	6020B
7440-39-3	Barium	438	40.0	9.1	ug/L			10	6020B
7440-43-9	Cadmium	3.9	20.0	3.9	ug/L	U		10	6020B
7440-47-3	Chromium	25.0	40.0	25.0	ug/L	U		10	6020B
7439-92-1	Lead	27.2	12.0	8.4	ug/L			10	6020B
7782-49-2	Selenium	5.9	25.0	5.9	ug/L	U		10	6020B
7439-97-6	Mercury	0.00020	0.00020	0.000091	mg/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: COMP-2 | Lab Sample ID: 460-255715-17

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG ID.:

Matrix: Solid | Date Sampled: 04/05/2022 12:15

Reporting Basis: DRY | Date Received: 04/05/2022 18:00

% Solids: 94.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	0.075	0.84	0.075	mg/Kg	U		1	6020B
7429-90-5	Aluminum	6210	16.8	4.6	mg/Kg			1	6020B
7440-38-2	Arsenic	1.9	0.84	0.086	mg/Kg			1	6020B
7440-39-3	Barium	41.2	1.7	0.12	mg/Kg			1	6020B
7440-41-7	Beryllium	0.27	0.34	0.048	mg/Kg	J		1	6020B
7440-70-2	Calcium	3440	83.8	14.8	mg/Kg			1	6020B
7440-43-9	Cadmium	0.11	0.84	0.095	mg/Kg	J		1	6020B
7440-48-4	Cobalt	13.2	1.7	0.12	mg/Kg			1	6020B
7440-47-3	Chromium	13.8	1.7	0.76	mg/Kg			1	6020B
7440-50-8	Copper	13.6	1.7	0.31	mg/Kg			1	6020B
7439-89-6	Iron	10800	50.3	16.9	mg/Kg			1	6020B
7440-09-7	Potassium	688	83.8	13.6	mg/Kg			1	6020B
7439-95-4	Magnesium	3340	83.8	8.5	mg/Kg			1	6020B
7439-96-5	Manganese	248	3.4	0.34	mg/Kg			1	6020B
7440-23-5	Sodium	90.7	83.8	38.3	mg/Kg			1	6020B
7440-02-0	Nickel	11.2	1.7	0.39	mg/Kg			1	6020B
7439-92-1	Lead	66.4	0.50	0.17	mg/Kg			1	6020B
7440-36-0	Antimony	0.12	0.84	0.12	mg/Kg	U		1	6020B
7782-49-2	Selenium	0.19	1.0	0.11	mg/Kg	J		1	6020B
7440-28-0	Thallium	0.079	0.34	0.034	mg/Kg	J		1	6020B
7440-62-2	Vanadium	16.6	1.7	0.17	mg/Kg			1	6020B
7440-66-6	Zinc	78.1	6.7	2.6	mg/Kg			1	6020B
7439-97-6	Mercury	0.093	0.017	0.0082	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TCLP

Client Sample ID: COMP-2 | Lab Sample ID: 460-255715-17

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG ID.:

Matrix: Solid | Date Sampled: 04/05/2022 12:15

Reporting Basis: WET | Date Received: 04/05/2022 18:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.9	20.0	2.9	ug/L	U		10	6020B
7440-38-2	Arsenic	8.9	20.0	8.9	ug/L	U		10	6020B
7440-39-3	Barium	312	40.0	9.1	ug/L			10	6020B
7440-43-9	Cadmium	3.9	20.0	3.9	ug/L	U		10	6020B
7440-47-3	Chromium	25.0	40.0	25.0	ug/L	U		10	6020B
7439-92-1	Lead	102	12.0	8.4	ug/L			10	6020B
7782-49-2	Selenium	5.9	25.0	5.9	ug/L	U		10	6020B
7439-97-6	Mercury	0.00012	0.00020	0.000091	mg/L	J		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: COMP-3 | Lab Sample ID: 460-255715-18

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG ID.:

Matrix: Solid | Date Sampled: 04/05/2022 13:35

Reporting Basis: DRY | Date Received: 04/05/2022 18:00

% Solids: 93.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	0.071	0.80	0.071	mg/Kg	U		1	6020B
7429-90-5	Aluminum	5540	16.0	4.4	mg/Kg			1	6020B
7440-38-2	Arsenic	1.5	0.80	0.083	mg/Kg			1	6020B
7440-39-3	Barium	39.6	1.6	0.12	mg/Kg			1	6020B
7440-41-7	Beryllium	0.27	0.32	0.046	mg/Kg	J		1	6020B
7440-70-2	Calcium	4050	80.1	14.2	mg/Kg			1	6020B
7440-43-9	Cadmium	0.13	0.80	0.091	mg/Kg	J		1	6020B
7440-48-4	Cobalt	7.2	1.6	0.12	mg/Kg			1	6020B
7440-47-3	Chromium	10.8	1.6	0.73	mg/Kg			1	6020B
7440-50-8	Copper	15.1	1.6	0.29	mg/Kg			1	6020B
7439-89-6	Iron	10200	48.1	16.2	mg/Kg			1	6020B
7440-09-7	Potassium	692	80.1	13.0	mg/Kg			1	6020B
7439-95-4	Magnesium	2380	80.1	8.2	mg/Kg			1	6020B
7439-96-5	Manganese	288	3.2	0.32	mg/Kg			1	6020B
7440-23-5	Sodium	155	80.1	36.6	mg/Kg			1	6020B
7440-02-0	Nickel	11.0	1.6	0.38	mg/Kg			1	6020B
7439-92-1	Lead	48.4	0.48	0.16	mg/Kg			1	6020B
7440-36-0	Antimony	0.12	0.80	0.12	mg/Kg	U		1	6020B
7782-49-2	Selenium	0.20	1.0	0.10	mg/Kg	J		1	6020B
7440-28-0	Thallium	0.073	0.32	0.033	mg/Kg	J		1	6020B
7440-62-2	Vanadium	15.5	1.6	0.17	mg/Kg			1	6020B
7440-66-6	Zinc	42.5	6.4	2.4	mg/Kg			1	6020B
7439-97-6	Mercury	0.036	0.018	0.0085	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TCLP

Client Sample ID: COMP-3 | Lab Sample ID: 460-255715-18

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG ID.:

Matrix: Solid | Date Sampled: 04/05/2022 13:35

Reporting Basis: WET | Date Received: 04/05/2022 18:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.9	20.0	2.9	ug/L	U		10	6020B
7440-38-2	Arsenic	8.9	20.0	8.9	ug/L	U		10	6020B
7440-39-3	Barium	370	40.0	9.1	ug/L			10	6020B
7440-43-9	Cadmium	3.9	20.0	3.9	ug/L	U		10	6020B
7440-47-3	Chromium	25.0	40.0	25.0	ug/L	U		10	6020B
7439-92-1	Lead	61.5	12.0	8.4	ug/L			10	6020B
7782-49-2	Selenium	5.9	25.0	5.9	ug/L	U		10	6020B
7439-97-6	Mercury	0.000091	0.00020	0.000091	mg/L	U		1	7470A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

ICV Source: ME_ICV_00074 Concentration Units: ug/L

CCV Source: ME_Cal4_00106

Analyte	ICV 460-838367/7 04/10/2022 09:22				CCV 460-838367/14 04/10/2022 09:49				CCV 460-838367/26 04/10/2022 10:30			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	19620		20000	98	24900		25000	100	25210		25000	101
Antimony	79.57		80.0	99	100.3		100	100	106.7		100	107
Arsenic	79.05		80.0	99	98.62		100	99	101.1		100	101
Barium	77.49		80.0	97	94.93		100	95	95.87		100	96
Beryllium	78.77		80.0	98	98.25		100	98	99.47		100	99
Cadmium	77.44		80.0	97	99.08		100	99	99.16		100	99
Calcium	20170		20000	101	24880		25000	100	24570		25000	98
Chromium	79.32		80.0	99	98.65		100	99	101.5		100	102
Cobalt	77.70		80.0	97	100.2		100	100	100.4		100	100
Copper	78.80		80.0	98	98.60		100	99	100.7		100	101
Iron	19950		20000	100	24610		25000	98	25180		25000	101
Lead	77.82		80.0	97	98.51		100	99	98.05		100	98
Magnesium	19860		20000	99	25480		25000	102	25470		25000	102
Manganese	78.93		80.0	99	99.49		100	99	103.3		100	103
Nickel	78.60		80.0	98	99.36		100	99	100.4		100	100
Potassium	19600		20000	98	24490		25000	98	24830		25000	99
Selenium	79.28		80.0	99	99.83		100	100	103.2		100	103
Silver	39.39		40.0	98	49.69		50.0	99	49.76		50.0	100
Sodium	20170		20000	101	25390		25000	102	25880		25000	104
Thallium	77.76		80.0	97	98.63		100	99	98.26		100	98
Vanadium	79.58		80.0	99	96.80		100	97	98.99		100	99
Zinc	197.7		200	99	250.4		250	100	255.7		250	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

ICV Source: ME_ICV_00074 Concentration Units: ug/L

CCV Source: ME_Cal4_00106

Analyte	CCV 460-838367/88 04/10/2022 13:36				CCV 460-838367/100 04/10/2022 14:04				CCV 460-838367/111 04/10/2022 14:34			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	25470		25000	102	25060		25000	100	25230		25000	101
Antimony	105.5		100	105	108.0		100	108	109.4		100	109
Arsenic	102.3		100	102	96.89		100	97	100.4		100	100
Barium	98.02		100	98	92.28		100	92	102.7		100	103
Beryllium	96.85		100	97	96.80		100	97	99.39		100	99
Cadmium	99.75		100	100	101.2		100	101	101.3		100	101
Calcium	25000		25000	100	25490		25000	102	24920		25000	100
Chromium	103.7		100	104	101.5		100	101	102.0		100	102
Cobalt	103.7		100	104	100.8		100	101	102.7		100	103
Copper	101.8		100	102	101.1		100	101	101.5		100	102
Iron	25530		25000	102	26130		25000	105	25490		25000	102
Lead	101.3		100	101	99.24		100	99	99.99		100	100
Magnesium	25980		25000	104	25740		25000	103	25720		25000	103
Manganese	105.6		100	106	101.9		100	102	99.98		100	100
Nickel	102.5		100	102	99.61		100	100	102.9		100	103
Potassium	25170		25000	101	24630		25000	99	24790		25000	99
Selenium	101.6		100	102	101.8		100	102	104.3		100	104
Silver	51.19		50.0	102	50.52		50.0	101	50.38		50.0	101
Sodium	26520		25000	106	26560		25000	106	26670		25000	107
Thallium	101.4		100	101	98.79		100	99	100.2		100	100
Vanadium	101.3		100	101	101.3		100	101	101.2		100	101
Zinc	259.4		250	104	258.1		250	103	260.3		250	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

ICV Source: ME_ICV_00074 Concentration Units: ug/L

CCV Source: ME_Cal4_00106

Analyte	CCV 460-838367/171 04/10/2022 16:55				CCV 460-838367/183 04/10/2022 17:25				CCV 460-838367/195 04/10/2022 17:53			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum												
Antimony												
Arsenic	101.0		100	101	100.3		100	100	100.5		100	100
Barium	89.94		100	90	95.17		100	95	94.06		100	94
Beryllium												
Cadmium	101.4		100	101	101.0		100	101	101.5		100	101
Calcium												
Chromium	103.0		100	103	102.1		100	102	100.9		100	101
Cobalt												
Copper												
Iron												
Lead	98.97		100	99	99.95		100	100	99.61		100	100
Magnesium												
Manganese												
Nickel												
Potassium												
Selenium	102.1		100	102	106.0		100	106	105.1		100	105
Silver	51.52		50.0	103	50.56		50.0	101	51.10		50.0	102
Sodium												
Thallium												
Vanadium												
Zinc												

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

ICV Source: ME_ICV_00074 Concentration Units: ug/L

CCV Source: ME_Cal4_00106

Analyte	ICV 460-838499/7 04/11/2022 09:40				CCV 460-838499/14 04/11/2022 10:07				CCV 460-838499/99 04/11/2022 14:07			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	81.47		80.0	102	97.01		100	97	101.1		100	101
Barium	77.01		80.0	96	97.10		100	97	102.8		100	103
Cadmium	79.33		80.0	99	97.16		100	97	103.8		100	104
Chromium	80.36		80.0	100	99.99		100	100	101.5		100	102
Lead	78.63		80.0	98	98.46		100	98	100.5		100	100
Selenium	78.16		80.0	98	99.87		100	100	99.79		100	100
Silver	40.03		40.0	100	49.75		50.0	99	51.99		50.0	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

ICV Source: ME_ICV_00074 Concentration Units: ug/L

CCV Source: ME_Cal4_00106

Analyte	CCV 460-838499/111 04/11/2022 14:37											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	102.4		100	102								
Barium	101.9		100	102								
Cadmium	102.8		100	103								
Chromium	102.2		100	102								
Lead	101.1		100	101								
Selenium	103.7		100	104								
Silver	51.95		50.0	104								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

ICV Source: ME_DQCS-INT_03769 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_04032

Analyte	ICV 460-837885/7 04/07/2022 06:47				CCV 460-837885/93 04/07/2022 09:24				CCV 460-837885/105 04/07/2022 09:45			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	4.99		5.00	100	4.68		5.00	94	4.86		5.00	97

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

ICV Source: ME_DQCS-INT_03769 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_04032

Analyte	CCV 460-837885/117 04/07/2022 10:06											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	4.89		5.00	98								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

ICV Source: ME_DQCS-INT_03771 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_04034

Analyte	ICV 460-838498/29-A 04/11/2022 13:25				CCV 460-838498/33-A 04/11/2022 14:14				CCV 460-838498/33-A 04/11/2022 14:35			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.02		5.00	100	4.99		5.00	100	4.72		5.00	94

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

ICV Source: ME_DQCS-INT_03771 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_04034

Analyte	CCV 460-838498/33-A 04/11/2022 14:55				CCV 460-838498/33-A 04/11/2022 15:16							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	4.95		5.00	99	4.88		5.00	98				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Method: 7470A Instrument ID: LEEMAN6

Lab Sample ID: CRI 460-838498/30-A Concentration Units: ug/L

CRQL Check Standard Source: ME_DCAL-IN_04034

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.221		111	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-838367/8 04/10/2022 09:24		CCB 460-838367/15 04/10/2022 09:51		CCB 460-838367/27 04/10/2022 10:33		CCB 460-838367/89 04/10/2022 13:38	
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	54.9	U	54.9	U	54.9	U	54.9	U
Antimony	10.0	1.5	U	1.5	U	1.5	U	1.5	U
Arsenic	10.0	1.0	U	1.0	U	1.0	U	1.0	U
Barium	20.0	1.5	U	1.5	U	1.5	U	1.5	U
Beryllium	4.0	0.57	U	0.57	U	0.57	U	0.57	U
Cadmium	10.0	1.1	U	1.1	U	1.1	U	1.1	U
Calcium	1000	177	U	177	U	177	U	177	U
Chromium	20.0	9.1	U	9.1	U	9.1	U	9.1	U
Cobalt	20.0	1.5	U	1.5	U	1.5	U	1.5	U
Copper	20.0	3.7	U	3.7	U	3.7	U	3.7	U
Iron	600	202	U	202	U	202	U	202	U
Lead	6.0	2.0	U	2.0	U	2.0	U	2.0	U
Magnesium	1000	102	U	102	U	102	U	102	U
Manganese	40.0	4.0	U	4.0	U	4.0	U	4.0	U
Nickel	20.0	4.7	U	4.7	U	4.7	U	4.7	U
Potassium	1000	162	U	162	U	162	U	162	U
Selenium	12.5	1.3	U	1.3	U	1.3	U	1.3	U
Silver	10.0	0.89	U	0.89	U	0.89	U	0.89	U
Sodium	1000	457	U	457	U	457	U	457	U
Thallium	4.0	0.41	U	0.41	U	0.41	U	0.41	U
Vanadium	20.0	2.1	U	2.1	U	2.1	U	2.1	U
Zinc	80.0	30.5	U	30.5	U	30.5	U	30.5	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 460-838367/101 04/10/2022 14:06		CCB 460-838367/112 04/10/2022 14:36		CCB 460-838367/172 04/10/2022 16:57		CCB 460-838367/184 04/10/2022 17:28	
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	54.9	U	54.9	U				
Antimony	10.0	1.5	U	1.5	U				
Arsenic	10.0	1.0	U	1.0	U	0.89	U	0.89	U
Barium	20.0	1.5	U	1.5	U	0.91	U	0.91	U
Beryllium	4.0	0.57	U	0.57	U				
Cadmium	10.0	1.1	U	1.1	U	0.39	U	0.39	U
Calcium	1000	177	U	177	U				
Chromium	20.0	9.1	U	9.1	U	2.5	U	2.5	U
Cobalt	20.0	1.5	U	1.5	U				
Copper	20.0	3.7	U	3.7	U				
Iron	600	202	U	202	U				
Lead	6.0	2.0	U	2.0	U	0.84	U	0.84	U
Magnesium	1000	102	U	102	U				
Manganese	40.0	4.0	U	4.0	U				
Nickel	20.0	4.7	U	4.7	U				
Potassium	1000	162	U	162	U				
Selenium	12.5	1.3	U	1.3	U	0.59	U	0.59	U
Silver	10.0	0.89	U	0.89	U	0.29	U	0.29	U
Sodium	1000	457	U	457	U				
Thallium	4.0	0.41	U	0.41	U				
Vanadium	20.0	2.1	U	2.1	U				
Zinc	80.0	30.5	U	30.5	U				

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 460-838367/196 04/10/2022 17:55							
		Found	C	Found	C	Found	C	Found	C
Aluminum	200								
Antimony	10.0								
Arsenic	10.0	0.89	U						
Barium	20.0	0.91	U						
Beryllium	4.0								
Cadmium	10.0	0.39	U						
Calcium	1000								
Chromium	20.0	2.5	U						
Cobalt	20.0								
Copper	20.0								
Iron	600								
Lead	6.0	0.84	U						
Magnesium	1000								
Manganese	40.0								
Nickel	20.0								
Potassium	1000								
Selenium	12.5	0.59	U						
Silver	10.0	0.29	U						
Sodium	1000								
Thallium	4.0								
Vanadium	20.0								
Zinc	80.0								

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-838499/8 04/11/2022 09:43		CCB 460-838499/15 04/11/2022 10:10		CCB 460-838499/100 04/11/2022 14:10		CCB 460-838499/112 04/11/2022 14:39	
		Found	C	Found	C	Found	C	Found	C
Arsenic	2.0	0.89	U	0.89	U	0.89	U	0.89	U
Barium	4.0	0.91	U	0.91	U	0.91	U	0.91	U
Cadmium	2.0	0.39	U	0.39	U	0.39	U	0.39	U
Chromium	4.0	2.5	U	2.5	U	2.5	U	2.5	U
Lead	1.2	0.84	U	0.84	U	0.84	U	0.84	U
Selenium	2.5	0.59	U	0.59	U	0.59	U	0.59	U
Silver	2.0	0.29	U	0.29	U	0.29	U	0.29	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-837885/8 04/07/2022 06:49		CCB 460-837885/94 04/07/2022 09:25		CCB 460-837885/106 04/07/2022 09:47		CCB 460-837885/118 04/07/2022 10:08	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.091	U	0.091	U	0.091	U	0.091	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-838554/8 04/11/2022 13:26		CCB 460-838554/37 04/11/2022 14:16		CCB 460-838554/49 04/11/2022 14:37		CCB 460-838554/61 04/11/2022 14:57	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.091	U	0.091	U	0.091	U	0.091	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 460-838554/73 04/11/2022 15:18							
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.091	U						

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-838203/1-A

Instrument Code: ICPMS4 Batch No.: 838367

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	0.089	U		6020B
7429-90-5	Aluminum	5.5	U		6020B
7440-38-2	Arsenic	0.10	U		6020B
7440-39-3	Barium	0.15	U		6020B
7440-41-7	Beryllium	0.057	U		6020B
7440-70-2	Calcium	17.7	U		6020B
7440-43-9	Cadmium	0.11	U		6020B
7440-48-4	Cobalt	0.15	U		6020B
7440-47-3	Chromium	0.91	U		6020B
7440-50-8	Copper	0.37	U		6020B
7439-89-6	Iron	20.2	U		6020B
7440-09-7	Potassium	16.2	U		6020B
7439-95-4	Magnesium	10.2	U		6020B
7439-96-5	Manganese	0.40	U		6020B
7440-23-5	Sodium	45.7	U		6020B
7440-02-0	Nickel	0.47	U		6020B
7439-92-1	Lead	0.20	U		6020B
7440-36-0	Antimony	0.15	U		6020B
7782-49-2	Selenium	0.13	U		6020B
7440-28-0	Thallium	0.041	U		6020B
7440-62-2	Vanadium	0.21	U		6020B
7440-66-6	Zinc	3.1	U		6020B

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-838313/1-A

Instrument Code: ICPMS4 Batch No.: 838367

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	0.29	U		6020B
7440-38-2	Arsenic	0.89	U		6020B
7440-39-3	Barium	0.91	U		6020B
7440-43-9	Cadmium	0.39	U		6020B
7440-47-3	Chromium	2.5	U		6020B
7439-92-1	Lead	0.84	U		6020B
7782-49-2	Selenium	0.59	U		6020B

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: LB 460-838170/1-B ^10

Instrument Code: ICPMS4 Batch No.: 838367

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	2.9	U		6020B
7440-38-2	Arsenic	8.9	U		6020B
7440-39-3	Barium	9.1	U		6020B
7440-43-9	Cadmium	3.9	U		6020B
7440-47-3	Chromium	25.0	U		6020B
7439-92-1	Lead	8.4	U		6020B
7782-49-2	Selenium	5.9	U		6020B

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-838423/1-A

Instrument Code: ICPMS4 Batch No.: 838499

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	0.29	U		6020B
7440-38-2	Arsenic	0.89	U		6020B
7440-39-3	Barium	0.91	U		6020B
7440-43-9	Cadmium	0.39	U		6020B
7440-47-3	Chromium	2.5	U		6020B
7439-92-1	Lead	0.84	U		6020B
7782-49-2	Selenium	0.59	U		6020B

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: LB 460-838311/1-B ^10

Instrument Code: ICPMS4 Batch No.: 838499

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	2.9	U		6020B
7440-38-2	Arsenic	8.9	U		6020B
7440-39-3	Barium	9.1	U		6020B
7440-43-9	Cadmium	3.9	U		6020B
7440-47-3	Chromium	25.0	U		6020B
7439-92-1	Lead	8.4	U		6020B
7782-49-2	Selenium	5.9	U		6020B

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 460-838522/1-A

Instrument Code: LEEMAN6 Batch No.: 838554

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.000091	U		7470A

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: LB 460-838311/1-D

Instrument Code: LEEMAN6 Batch No.: 838554

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.000091	U		7470A

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-837778/1-A

Instrument Code: LEEMAN6 Batch No.: 837885

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.0080	U		7471B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: ICSA 460-838367/10 Instrument ID: ICPMS4

Lab File ID: 013ICSA.d ICS Source: ME_ICSA_00120

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**100000**	**101681**	**102**
Antimony		**0.0110**	
Arsenic		**0.495**	
Barium		**4.33**	
Beryllium		**0.0460**	
Cadmium		**0.189**	
Calcium	**100000**	**102886**	**103**
Chromium		**1.44**	
Cobalt		**0.355**	
Copper		**0.689**	
Iron	**100000**	**102998**	**103**
Lead		**1.48**	
Magnesium	**100000**	**101071**	**101**
Manganese		**1.00**	
Nickel		**1.02**	
Potassium	**100000**	**98649**	**99**
Selenium		**0.158**	
Silver		**0.390**	
Sodium	**100000**	**102150**	**102**
Thallium		**0.0470**	
Vanadium		**0.112**	
Zinc		**1.75**	
Boron		*5.28*	
Molybdenum	*2000*	*2113*	*106*
Strontium		*3.03*	
Tin		*0.178*	
Titanium	*2000*	*2151*	*108*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: ICSAB 460-838367/11 Instrument ID: ICPMS4

Lab File ID: 014ICSB.d ICS Source: ME_ICSAB_00081

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Aluminum	**100000**	**102168**	**102**
Antimony	**100**	**110**	**110**
Arsenic	**200**	**213**	**107**
Barium	**200**	**209**	**105**
Beryllium	**200**	**213**	**106**
Cadmium	**200**	**210**	**105**
Calcium	**100000**	**104572**	**105**
Chromium	**200**	**212**	**106**
Cobalt	**200**	**207**	**103**
Copper	**200**	**206**	**103**
Iron	**100000**	**103526**	**104**
Lead	**200**	**212**	**106**
Magnesium	**100000**	**104007**	**104**
Manganese	**200**	**216**	**108**
Nickel	**200**	**209**	**105**
Potassium	**100000**	**101284**	**101**
Selenium	**200**	**216**	**108**
Silver	**200**	**201**	**101**
Sodium	**100000**	**102608**	**103**
Thallium	**100**	**106**	**106**
Vanadium	**200**	**213**	**106**
Zinc	**200**	**212**	
Boron		*19.5*	
Molybdenum	*2000*	*2100*	*105*
Strontium	*200*	*210*	*105*
Tin	*200*	*211*	
Titanium	*2000*	*2150*	*108*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: ICSA 460-838499/10 Instrument ID: ICPMS4

Lab File ID: 013ICSA.d ICS Source: ME_ICSA_00120

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Arsenic		**0.251**	
Barium		**3.78**	
Cadmium		**0.197**	
Chromium		**1.47**	
Lead		**1.47**	
Selenium		**0.167**	
Silver		**0.422**	
Aluminum	*100000*	*100682*	*101*
Antimony		*0.0180*	
Beryllium		*0.0270*	
Boron		*4.60*	
Calcium	*100000*	*100480*	*100*
Cobalt		*0.390*	
Copper		*0.790*	
Iron	*100000*	*100756*	*101*
Magnesium	*100000*	*101008*	*101*
Manganese		*0.963*	
Molybdenum	*2000*	*2066*	*103*
Nickel		*0.848*	
Potassium	*100000*	*97690*	*98*
Sodium	*100000*	*101572*	*102*
Strontium		*2.91*	
Thallium		*0.0150*	
Tin		*0.122*	
Titanium	*2000*	*1920*	*96*
Vanadium		*0.0810*	
Zinc		*2.82*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Lab Sample ID: ICSAB 460-838499/11 Instrument ID: ICPMS4

Lab File ID: 014ICSB.d ICS Source: ME_ICSAB_00081

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Arsenic	**200**	**214**	**107**
Barium	**200**	**206**	**103**
Cadmium	**200**	**212**	**106**
Chromium	**200**	**207**	**103**
Lead	**200**	**214**	**107**
Selenium	**200**	**204**	**102**
Silver	**200**	**203**	**102**
Aluminum	*100000*	*102482*	*102*
Antimony	*100*	*111*	*111*
Beryllium	*200*	*210*	*105*
Boron		*19.5*	
Calcium	*100000*	*101128*	*101*
Cobalt	*200*	*209*	*105*
Copper	*200*	*209*	*104*
Iron	*100000*	*100274*	*100*
Magnesium	*100000*	*102309*	*102*
Manganese	*200*	*213*	*106*
Molybdenum	*2000*	*2093*	*105*
Nickel	*200*	*211*	*106*
Potassium	*100000*	*100215*	*100*
Sodium	*100000*	*103688*	*104*
Strontium	*200*	*213*	*107*
Thallium	*100*	*106*	*106*
Tin	*200*	*208*	*104*
Titanium	*2000*	*1962*	*98*
Vanadium	*200*	*219*	*109*
Zinc	*200*	*216*	*108*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: Lab ID: 460-255183-B-2-D MS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids: 88.2

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.110		0.018		0.0899	102	80-120		7471B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: Lab ID: 460-254625-B-1-C MS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids: 94.7

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	3.85		0.077	U	3.97	97	75-125		6020B
Aluminum	3346		2610		397	186	75-125	4	6020B
Arsenic	8.32		1.1		7.94	91	75-125		6020B
Barium	27.06		23.4		7.94	46	75-125	F1	6020B
Beryllium	3.89		0.17	J	3.97	94	75-125		6020B
Calcium	980.6		643		397	85	75-125		6020B
Cadmium	4.12		0.45	J	3.97	92	75-125		6020B
Cobalt	6.08		2.0		3.97	102	75-125		6020B
Chromium	16.39		8.8		7.94	96	75-125		6020B
Copper	14.09		7.8		7.94	79	75-125		6020B
Iron	10050		11200		397	-282	75-125	4	6020B
Potassium	704.8		316		397	98	75-125		6020B
Magnesium	1371		900		397	118	75-125		6020B
Manganese	115.2		83.3		39.7	80	75-125		6020B
Sodium	488.2		73.7	J	397	104	75-125		6020B
Nickel	13.56		5.5		7.94	101	75-125		6020B
Lead	6.06		3.1		3.97	75	75-125		6020B
Antimony	2.37		0.13	U	3.97	60	75-125	F1	6020B
Selenium	7.71		0.11	U	7.94	97	75-125		6020B
Thallium	3.06		0.035	U	3.18	96	75-125		6020B
Vanadium	19.53		12.9		7.94	84	75-125		6020B
Zinc	277.3		257		39.7	52	75-125	4	6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY

Client ID: _____ Lab ID: 460-255713-A-7-G MS ^10

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.: _____

Matrix: Solid Concentration Units: ug/L

% Solids: _____

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	525.7		2.9	U	500	105	75-125		6020B
Arsenic	5350		8.9	U	5000	107	75-125		6020B
Barium	10790		721		10000	101	75-125		6020B
Cadmium	1089		3.9	U	1000	109	75-125		6020B
Chromium	5413		25.0	U	5000	108	75-125		6020B
Lead	5427		89.2		5000	107	75-125		6020B
Selenium	1083		5.9	U	1000	108	75-125		6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - TCLP

Client ID: _____ Lab ID: 460-255749-F-1-H MS ^10

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.: _____

Matrix: Solid Concentration Units: ug/L

% Solids: _____

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	548.4		2.9	U	500	110	75-125		6020B
Arsenic	5400		8.9	U	5000	108	75-125		6020B
Barium	11530		561		10000	110	75-125		6020B
Cadmium	1124		3.9	U	1000	112	75-125		6020B
Chromium	5458		25.0	U	5000	109	75-125		6020B
Lead	5482		16.6		5000	109	75-125		6020B
Selenium	1124		5.9	U	1000	112	75-125		6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - TCLP

Client ID: _____ Lab ID: 460-255598-E-1-K MS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.: _____

Matrix: Solid Concentration Units: mg/L

% Solids: _____

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.00539		0.000091	U	0.00500	108	75-125		7470A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: Lab ID: 460-254625-B-1-A PDS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	2.18		0.077	U	2.16	101	75-125		6020B
Aluminum	2834		2610		216	NC	75-125		6020B
Arsenic	5.94		1.1		4.33	112	75-125		6020B
Barium	27.19		23.4		4.33	87	75-125		6020B
Beryllium	2.50		0.17	J	2.16	108	75-125		6020B
Calcium	870.4		643		216	105	75-125		6020B
Cadmium	2.97		0.45	J	2.16	116	75-125		6020B
Cobalt	4.40		2.0		2.16	109	75-125		6020B
Chromium	13.62		8.8		4.33	112	75-125		6020B
Copper	12.65		7.8		4.33	111	75-125		6020B
Iron	11200		11200		216	NC	75-125		6020B
Potassium	542.4		316		216	105	75-125		6020B
Magnesium	1144		900		216	113	75-125		6020B
Manganese	107.0		83.3		21.6	110	75-125		6020B
Sodium	321.6		73.7	J	216	115	75-125		6020B
Nickel	10.45		5.5		4.33	113	75-125		6020B
Lead	5.46		3.1		2.16	110	75-125		6020B
Antimony	2.80		0.13	U	2.16	129	75-125	W	6020B
Selenium	5.03		0.11	U	4.33	116	75-125		6020B
Thallium	1.92		0.035	U	1.73	111	75-125		6020B
Vanadium	17.64		12.9		4.33	110	75-125		6020B
Zinc	283.0		257		21.6	NC	75-125		6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY

Client ID: Lab ID: 460-255713-A-7-E PDS ^10

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Concentration Units: ug/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	217.5		2.9	U	250	87	75-125		6020B
Arsenic	576.5		8.9	U	500	115	75-125		6020B
Barium	1237		721		500	103	75-125		6020B
Cadmium	294.5		3.9	U	250	118	75-125		6020B
Chromium	575.2		25.0	U	500	115	75-125		6020B
Lead	371.5		89.2		250	113	75-125		6020B
Selenium	586.0		5.9	U	500	117	75-125		6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS - TCLP

Client ID: Lab ID: 460-255749-F-1-F PDS ^10

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid Concentration Units: ug/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	246.4		2.9	U	250	99	75-125		6020B
Arsenic	498.7		8.9	U	500	100	75-125		6020B
Barium	1072		561		500	102	75-125		6020B
Cadmium	253.0		3.9	U	250	101	75-125		6020B
Chromium	498.3		25.0	U	500	100	75-125		6020B
Lead	272.5		16.6		250	102	75-125		6020B
Selenium	479.1		5.9	U	500	96	75-125		6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: Lab ID: 460-255183-B-2-C DU

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

% Solids for Sample: 88.2 % Solids for Duplicate: 88.2

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.018	0.018		0.0222		20		7471B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: Lab ID: 460-254625-B-1-B DU

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

% Solids for Sample: 94.7 % Solids for Duplicate: 94.7

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Silver	0.81	0.077	U	0.072	U	NC		6020B
Aluminum	16.2	2610		2550		2		6020B
Arsenic	0.81	1.1		1.07		1		6020B
Barium	1.6	23.4		21.28		10		6020B
Beryllium	0.32	0.17	J	0.157	J	8		6020B
Calcium	81.2	643		557.8		14		6020B
Cadmium	0.81	0.45	J	0.463	J	3		6020B
Cobalt	1.6	2.0		2.06		0.5		6020B
Chromium	1.6	8.8		8.25		6		6020B
Copper	1.6	7.8		7.36		6		6020B
Iron	48.7	11200		9987		11		6020B
Potassium	81.2	316		310.7		2		6020B
Magnesium	81.2	900		914.9		2		6020B
Manganese	3.2	83.3		75.93		9		6020B
Sodium	81.2	73.7	J	71.29	J	3		6020B
Nickel	1.6	5.5		5.64		2		6020B
Lead	0.49	3.1		3.05		1		6020B
Antimony	0.81	0.13	U	0.12	U	NC		6020B
Selenium	1.0	0.11	U	0.10	U	NC		6020B
Thallium	0.32	0.035	U	0.033	U	NC		6020B
Vanadium	1.6	12.9		11.58		11		6020B
Zinc	6.5	257		236.9		8		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES

Client ID: Lab ID: 460-255713-A-7-F DU ^10

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Solid Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Silver	20.0	2.9	U	2.9	U	NC		6020B
Arsenic	20.0	8.9	U	8.9	U	NC		6020B
Barium	40.0	721		677.9		6		6020B
Cadmium	20.0	3.9	U	3.9	U	NC		6020B
Chromium	40.0	25.0	U	25.0	U	NC		6020B
Lead	12.0	89.2		85.47		4		6020B
Selenium	25.0	5.9	U	5.9	U	NC		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS - TCLP

Client ID: Lab ID: 460-255749-F-1-G DU ^10

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Solid Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Silver	20.0	2.9	U	2.9	U	NC		6020B
Arsenic	20.0	8.9	U	8.9	U	NC		6020B
Barium	40.0	561		589.9		5		6020B
Cadmium	20.0	3.9	U	3.9	U	NC		6020B
Chromium	40.0	25.0	U	25.0	U	NC		6020B
Lead	12.0	16.6		17.40		5		6020B
Selenium	25.0	5.9	U	5.9	U	NC		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS - TCLP

Client ID: _____ Lab ID: 460-255598-E-1-J DU

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.: _____

% Solids for Sample: _____ % Solids for Duplicate: _____

Matrix: Solid Concentration Units: mg/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.00020	0.000091	U	0.000091	U	NC		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-838367/12

Lab Name: Eurofins Edison Job No.: 460-255715-1

Sample Matrix: LCS Source:

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Silver		0.89	U					6020B
Aluminum		54.9	U					6020B
Arsenic	5000	5243		105	90	110		6020B
Barium	20000	19090		95	90	110		6020B
Beryllium	2000	2151		108	90	110		6020B
Calcium		177	U					6020B
Cadmium	5000	5231		105	90	110		6020B
Cobalt	2000	2104		105	90	110		6020B
Chromium	20000	20820		104	90	110		6020B
Copper	20000	20610		103	90	110		6020B
Iron		202	U					6020B
Potassium		162	U					6020B
Magnesium		102	U					6020B
Manganese	10000	10830		108	90	110		6020B
Sodium		457	U					6020B
Nickel	20000	21120		106	90	110		6020B
Lead	20000	21190		106	90	110		6020B
Antimony		1.5	U					6020B
Selenium	2000	2142		107	90	110		6020B
Thallium	1000	1036		104	90	110		6020B
Vanadium	5000	5201		104	90	110		6020B
Zinc	20000	20840		104	90	110		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-838367/13

Lab Name: Eurofins Edison Job No.: 460-255715-1

Sample Matrix: LCS Source:

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Silver		0.89	U					6020B
Aluminum	200000	198400		99	90	110		6020B
Arsenic		1.0	U					6020B
Barium		7.67	J					6020B
Beryllium		0.57	U					6020B
Calcium	500000	508000		102	90	110		6020B
Cadmium		1.1	U					6020B
Cobalt		5.48	J					6020B
Chromium		9.1	U					6020B
Copper		3.7	U					6020B
Iron	500000	504400		101	90	110		6020B
Potassium	500000	481300		96	90	110		6020B
Magnesium	500000	506300		101	90	110		6020B
Manganese		4.03	J					6020B
Sodium	500000	490900		98	90	110		6020B
Nickel		4.7	U					6020B
Lead		7.72						6020B
Antimony		1.5	U					6020B
Selenium		1.3	U					6020B
Thallium		0.41	U					6020B
Vanadium		2.1	U					6020B
Zinc		30.5	U					6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-838203/2-A ^5

Lab Name: Eurofins Edison Job No.: 460-255715-1

Sample Matrix: Solid LCS Source: ME_LCSS_113_00001

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Silver	44.1	43.06		97.6	80.5	119.7		6020B
Aluminum	8630	7966		92.3	51.2	148.3		6020B
Arsenic	84.5	84.22		99.7	82.8	117.2		6020B
Barium	249	237.6		95.4	82.7	117.3		6020B
Beryllium	163	166.8		102.3	82.8	117.2		6020B
Calcium	4760	4728		99.3	81.7	118.5		6020B
Cadmium	99.0	100.7		101.7	83.0	117.2		6020B
Cobalt	61.7	62.16		100.7	84.1	116.0		6020B
Chromium	122	121.5		99.6	82.8	118.0		6020B
Copper	61.5	60.20		97.9	84.4	115.4		6020B
Iron	14500	13780		95.0	61.1	138.6		6020B
Potassium	2090	1922		92.0	70.8	129.2		6020B
Magnesium	2360	2321		98.4	76.7	123.7		6020B
Manganese	456	468.3		102.7	82.2	118.0		6020B
Sodium	136	210	U	91.9	71.6	127.9		6020B
Nickel	135	138.1		102.3	83.0	117.0		6020B
Lead	123	121.8		99.0	83.7	117.1		6020B
Antimony	129	84.56		65.6	0.6	199.2		6020B
Selenium	121	123.3		101.9	80.1	120.7		6020B
Thallium	144	145.9		101.3	81.3	118.8		6020B
Vanadium	186	179.0		96.3	79.6	120.4		6020B
Zinc	295	294.0		99.7	81.4	119.0		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-838313/2-A ^10

Lab Name: Eurofins Edison Job No.: 460-255715-1

Sample Matrix: Water LCS Source: ME_TCLPspk_00052

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Silver	500	535.3		107	80	120		6020B
Arsenic	5000	5498		110	80	120		6020B
Barium	10000	10240		102	80	120		6020B
Cadmium	1000	1074		107	80	120		6020B
Chromium	5000	5528		111	80	120		6020B
Lead	5000	5298		106	80	120		6020B
Selenium	1000	1068		107	80	120		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-838499/12

Lab Name: Eurofins Edison Job No.: 460-255715-1

Sample Matrix: LCS Source:

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Silver		0.29	U					6020B
Arsenic	5000	5244		105	90	110		6020B
Barium	20000	19100		96	90	110		6020B
Cadmium	5000	5210		104	90	110		6020B
Chromium	20000	20740		104	90	110		6020B
Lead	20000	21190		106	90	110		6020B
Selenium	2000	2105		105	90	110		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-838499/13

Lab Name: Eurofins Edison Job No.: 460-255715-1

Sample Matrix: LCS Source:

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Silver		0.29	U					6020B
Arsenic		0.89	U					6020B
Barium		7.71						6020B
Cadmium		0.39	U					6020B
Chromium		2.5	U					6020B
Lead		8.38						6020B
Selenium		0.59	U					6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-838423/2-A ^10

Lab Name: Eurofins Edison Job No.: 460-255715-1

Sample Matrix: Water LCS Source: ME_TCLPspk_00052

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Silver	500	541.2		108	80	120		6020B
Arsenic	5000	5433		109	80	120		6020B
Barium	10000	10540		105	80	120		6020B
Cadmium	1000	1135		113	80	120		6020B
Chromium	5000	5418		108	80	120		6020B
Lead	5000	5329		107	80	120		6020B
Selenium	1000	1091		109	80	120		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-838522/2-A

Lab Name: Eurofins Edison Job No.: 460-255715-1

Sample Matrix: Water LCS Source: ME_HG_TCLP_03024

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.00500	0.00517		103	80	120		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-837778/2-A ^40

Lab Name: Eurofins Edison Job No.: 460-255715-1

Sample Matrix: Solid LCS Source: ME_LCSS_113_00001

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	18.9	16.36		86.5	68.8	131.2		7471B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-254625-B-1-A SD

SDG No:

Lab Name: Eurofins Edison Job No: 460-255715-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Silver	0.077	U	0.39	U	NC		6020B
Aluminum	2610		2688		3.0		6020B
Arsenic	1.1		0.837	J	NC		6020B
Barium	23.4		23.59		NC		6020B
Beryllium	0.17	J	0.25	U	NC		6020B
Calcium	643		674.9		NC		6020B
Cadmium	0.45	J	0.49	U	NC		6020B
Cobalt	2.0		2.02	J	NC		6020B
Chromium	8.8		8.92		NC		6020B
Copper	7.8		8.01	J	NC		6020B
Iron	11200		11340		1.5		6020B
Potassium	316		325.2	J	NC		6020B
Magnesium	900		929.6		NC		6020B
Manganese	83.3		84.59		NC		6020B
Sodium	73.7	J	198	U	NC		6020B
Nickel	5.5		6.11	J	NC		6020B
Lead	3.1		3.06		NC		6020B
Antimony	0.13	U	0.63	U	NC		6020B
Selenium	0.11	U	0.55	U	NC		6020B
Thallium	0.035	U	0.18	U	NC		6020B
Vanadium	12.9		13.07		NC		6020B
Zinc	257		267.4		NC		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab ID: 460-255713-A-7-E SD ^50

SDG No:

Lab Name: Eurofins Edison Job No: 460-255715-1

Matrix: Solid Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Silver	2.9	U	14.5	U	NC		6020B
Arsenic	8.9	U	44.4	U	NC		6020B
Barium	721		876.3		NC		6020B
Cadmium	3.9	U	19.3	U	NC		6020B
Chromium	25.0	U	125	U	NC		6020B
Lead	89.2		90.80		NC		6020B
Selenium	5.9	U	29.5	U	NC		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS - TCLP

Lab ID: 460-255749-F-1-F SD ^50

SDG No:

Lab Name: Eurofins Edison Job No: 460-255715-1

Matrix: Solid Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Silver	2.9	U	14.5	U	NC		6020B
Arsenic	8.9	U	44.4	U	NC		6020B
Barium	561		534.8		NC		6020B
Cadmium	3.9	U	19.3	U	NC		6020B
Chromium	25.0	U	125	U	NC		6020B
Lead	16.6		42.2	U	NC		6020B
Selenium	5.9	U	29.5	U	NC		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-255183-B-2-B SD ^5

SDG No:

Lab Name: Eurofins Edison Job No: 460-255715-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Mercury	0.018		0.043	U	NC		7471B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS - TCLP

Lab ID: 460-255598-E-1-I SD ^5

SDG No:

Lab Name: Eurofins Edison Job No: 460-255715-1

Matrix: Solid Concentration Units: mg/L

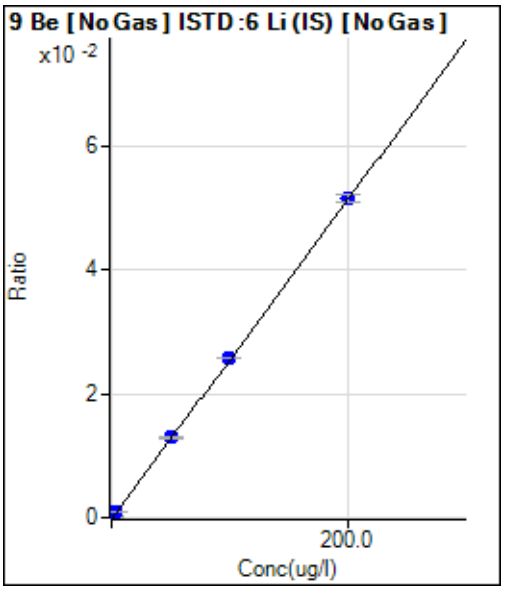
Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Mercury	0.000091	U	0.00046	U	NC		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

Batch Folder: D:\Agilent\ICPMH\1\DATA\NM041022.b\
Analysis File: NM041022.batch.bin
DA Date-Time: 2022-04-10 09:50:07
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

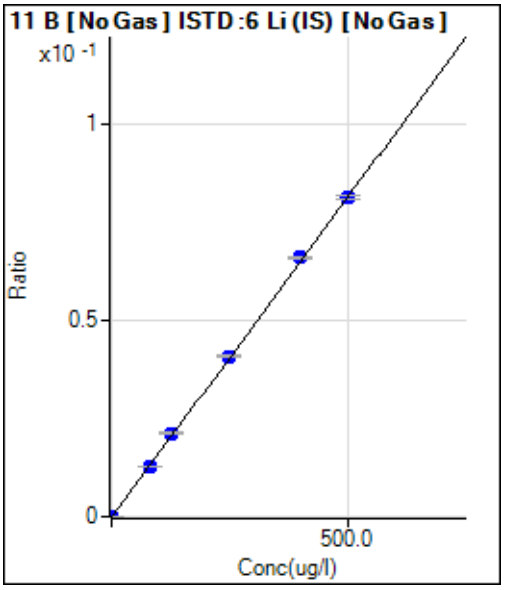
Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	IC CAL-Blk	2022-04-10 09:08:23
2	005CALS.d	IC CAL1 9767629	2022-04-10 09:10:43
3	006CALS.d	IC CAL2 9767631	2022-04-10 09:13:03
4	007CALS.d	IC CAL3 9767645	2022-04-10 09:15:22
5	008CALS.d	IC CAL4 9767647	2022-04-10 09:17:40
6	009CALS.d	IC CAL5 97676733	2022-04-10 09:19:58



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	15.55	0.0000	P	26.1	
2	☐	0.800	0.799	807.81	0.0002	P	2.8	-0.2
3	☐	4.000	4.068	3926.13	0.0011	P	3.8	1.7
4	☐	50.000	50.139	50475.48	0.0129	P	1.7	0.3
5	☐	100.000	100.046	99751.30	0.0258	P	0.8	0.0
6	☐	200.000	199.941	196730.60	0.0515	P	2.0	0.0

y = 2.5747E-004 * x + 4.0448E-006
R = 1.0000
DL = 0.0123 ug/l
BEC = 0.01571 ug/l

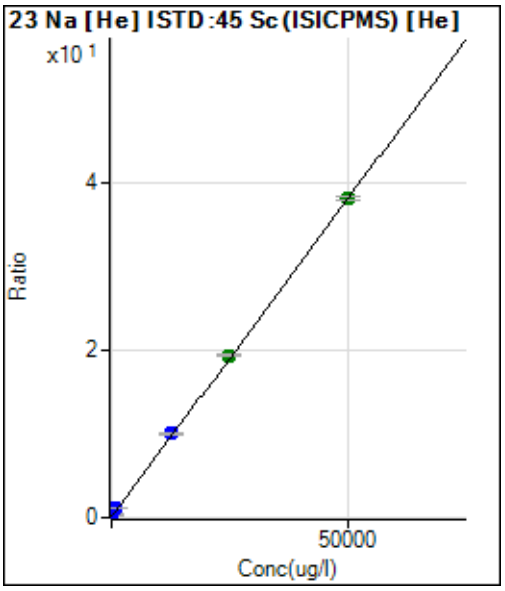
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	846.70	0.0002	P	5.7	
2	☐	80.000	77.952	49700.84	0.0129	P	0.8	-2.6
3	☐	400.000	403.156	245821.37	0.0658	P	1.0	0.8
4	☐	125.000	128.724	82757.38	0.0212	P	2.9	3.0
5	☐	250.000	248.951	157756.01	0.0407	P	1.2	-0.4
6	☐	500.000	497.396	310262.41	0.0812	P	1.5	-0.5

y = 1.6278E-004 * x + 2.1981E-004
R = 0.9999
DL = 0.2307 ug/l
BEC = 1.35 ug/l

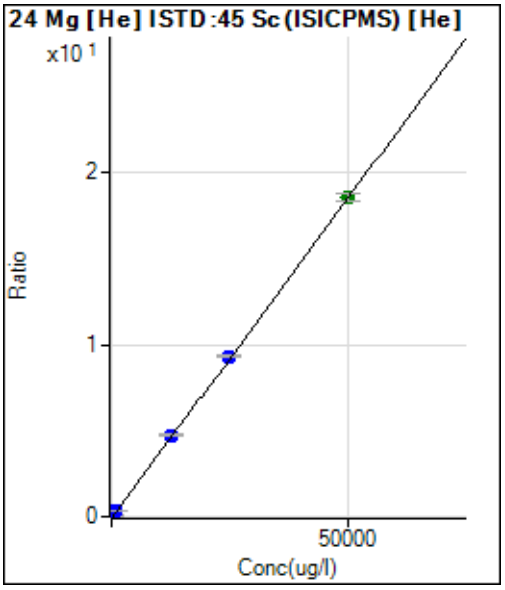
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	16372.96	0.2774	P	0.4	
2	☐	200.000	208.299	26301.43	0.4361	P	0.6	4.1
3	☐	1000.000	1017.987	63257.92	1.0531	P	1.9	1.8
4	☐	12500.00	12845.12	586902.07	10.064	P	1.8	2.8
5	☐	25000.00	25165.68	1150899.25	19.451	A	0.6	0.7
6	☐	50000.00	49830.48	2253521.21	38.244	A	1.2	-0.3

y = 7.6192E-004 * x + 0.2774
R = 1.0000
DL = 4.295 ug/l
BEC = 364.1 ug/l

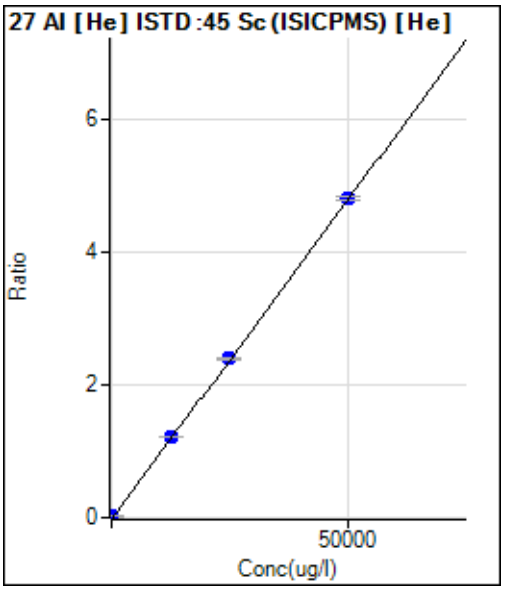
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	48.89	0.0008	P	14.7	
2	☐	200.000	202.920	4597.46	0.0763	P	5.0	1.5
3	☐	1000.000	1015.446	22727.42	0.3783	P	0.9	1.5
4	☐	12500.00	12715.44	275709.51	4.7279	P	1.7	1.7
5	☐	25000.00	25059.44	551251.97	9.3169	P	1.0	0.2
6	☐	50000.00	49916.09	1093477.14	18.557	A	2.1	-0.2

y = 3.7176E-004 * x + 8.2882E-004
R = 1.0000
DL = 0.9846 ug/l
BEC = 2.229 ug/l

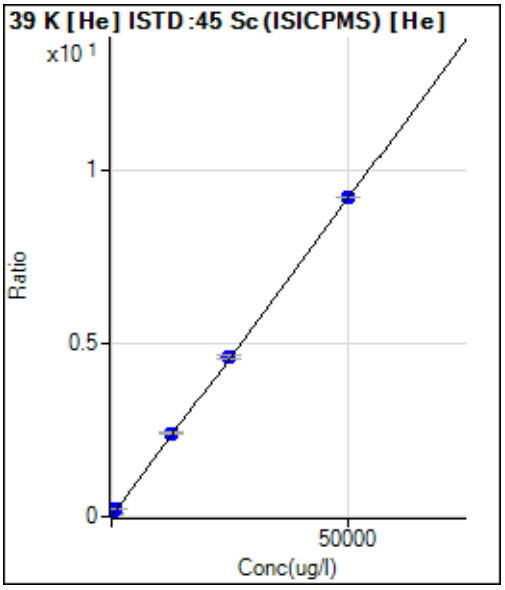
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	16.67	0.0003	P	49.9	
2	☐	40.000	37.615	235.56	0.0039	P	7.2	-6.0
3	☐	200.000	205.937	1209.50	0.0201	P	1.5	3.0
4	☐	12500.00	12683.15	71310.90	1.2228	P	1.3	1.5
5	☐	25000.00	24881.23	141913.54	2.3986	P	0.8	-0.5
6	☐	50000.00	50013.57	284045.99	4.8210	P	1.2	0.0

y = 9.6389E-005 * x + 2.8244E-004
R = 1.0000
DL = 4.385 ug/l
BEC = 2.93 ug/l

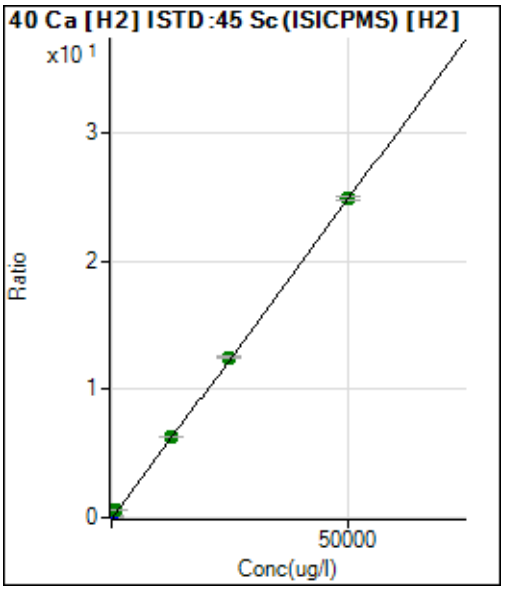
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3029.25	0.0513	P	5.6	
2	☐	200.000	192.874	5226.57	0.0867	P	5.9	-3.6
3	☐	1000.000	1033.743	14476.52	0.2410	P	0.7	3.4
4	☐	12500.00	12778.23	139706.21	2.3956	P	2.2	2.2
5	☐	25000.00	24889.31	273207.46	4.6175	P	1.6	-0.4
6	☐	50000.00	49985.13	543333.67	9.2216	P	0.5	0.0

y = 1.8346E-004 * x + 0.0513
R = 1.0000
DL = 47.08 ug/l
BEC = 279.8 ug/l

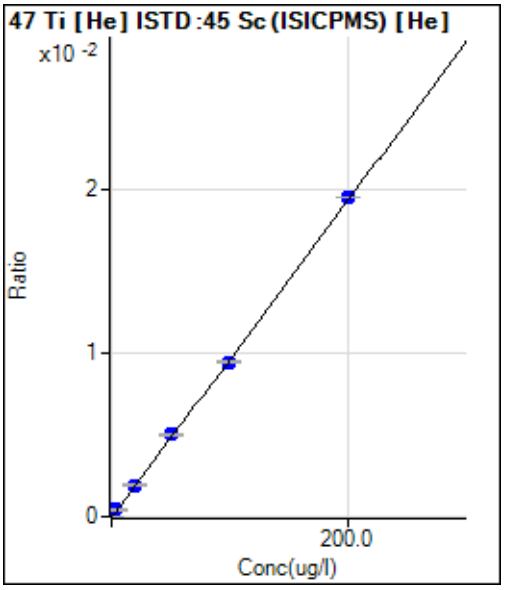
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	27403.86	0.0134	P	3.6	
2	☐	200.000	193.441	231250.07	0.1099	P	1.0	-3.3
3	☐	1000.000	1050.027	1105650.45	0.5371	A	2.4	5.0
4	☐	12500.00	12717.15	13315793.97	6.3559	A	0.4	1.7
5	☐	25000.00	25077.58	26622889.88	12.520	A	1.4	0.3
6	☐	50000.00	49905.94	52387637.55	24.903	A	0.9	-0.2

y = 4.9873E-004 * x + 0.0134
R = 1.0000
DL = 2.872 ug/l
BEC = 26.83 ug/l

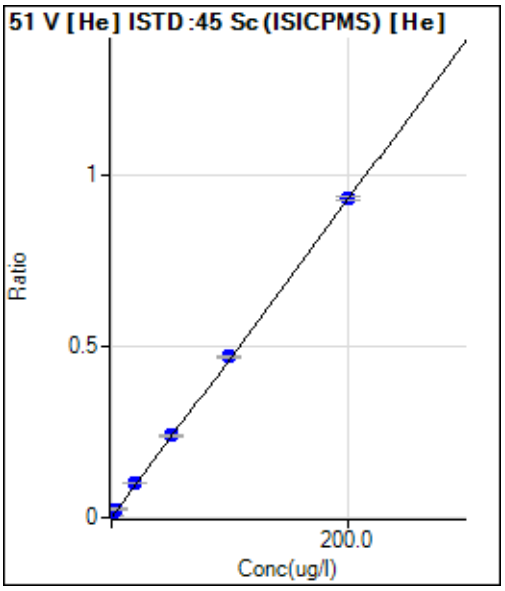
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1.33	0.0000	P	43.0	
2	☐	4.000	4.092	25.33	0.0004	P	22.4	2.3
3	☐	20.000	19.679	116.34	0.0019	P	10.5	-1.6
4	☐	50.000	51.416	293.03	0.0050	P	4.2	2.8
5	☐	100.000	97.164	560.40	0.0095	P	0.7	-2.8
6	☐	200.000	201.094	1153.50	0.0196	P	0.1	0.5

y = 9.7241E-005 * x + 2.2575E-005
R = 0.9998
DL = 0.2994 ug/l
BEC = 0.2322 ug/l

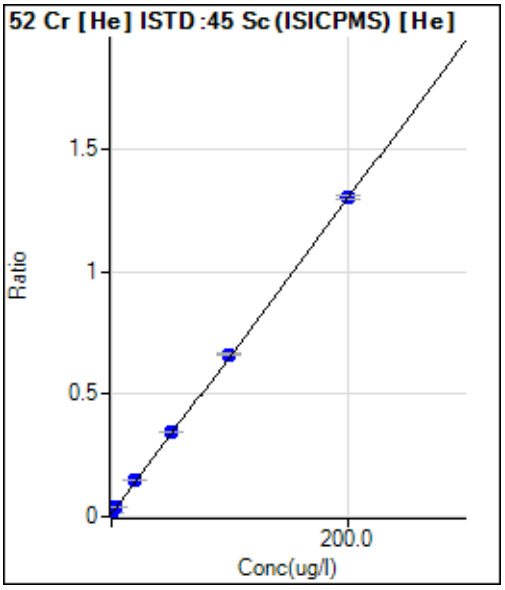
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	316.67	0.0054	P	21.3	
2	☐	4.000	4.180	1493.43	0.0248	P	5.7	4.5
3	☐	20.000	20.586	6058.05	0.1008	P	1.0	2.9
4	☐	50.000	50.480	13966.04	0.2395	P	1.3	1.0
5	☐	100.000	99.998	27755.95	0.4691	P	1.3	0.0
6	☐	200.000	199.819	54917.17	0.9321	P	1.2	-0.1

y = 0.0046 * x + 0.0054
R = 1.0000
DL = 0.7377 ug/l
BEC = 1.157 ug/l

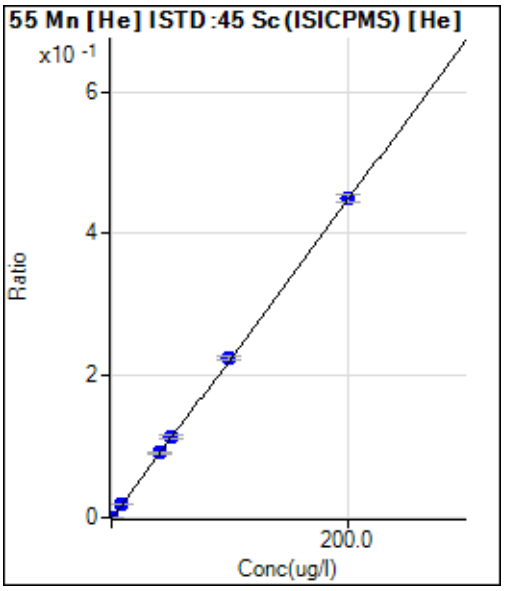
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1007.82	0.0171	P	8.3	
2	☐	4.000	3.790	2503.58	0.0415	P	5.0	-5.2
3	☐	20.000	20.452	8947.42	0.1490	P	2.9	2.3
4	☐	50.000	50.987	20170.46	0.3458	P	1.3	2.0
5	☐	100.000	100.070	39188.14	0.6623	P	0.7	0.1
6	☐	200.000	199.677	76863.23	1.3046	P	1.3	-0.2

y = 0.0064 * x + 0.0171
R = 1.0000
DL = 0.6624 ug/l
BEC = 2.649 ug/l

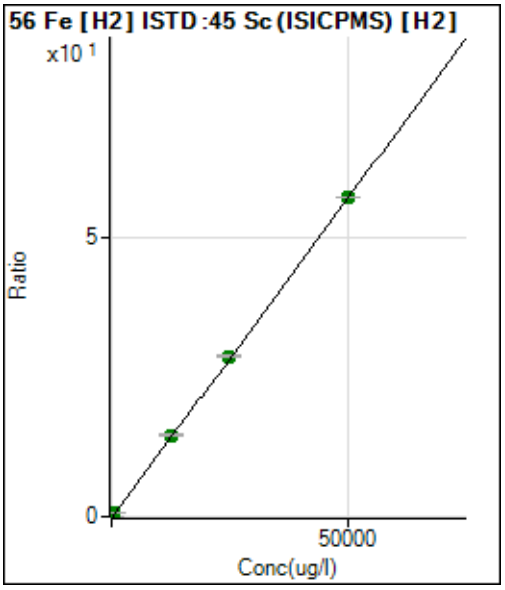
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	27.78	0.0005	P	24.6	
2	☐	8.000	8.113	1127.84	0.0187	P	3.9	1.4
3	☐	40.000	40.458	5491.13	0.0914	P	2.5	1.1
4	☐	50.000	50.046	6586.06	0.1130	P	4.5	0.1
5	☐	100.000	99.712	13288.73	0.2246	P	2.0	-0.3
6	☐	200.000	200.037	26519.08	0.4501	P	1.9	0.0

y = 0.0022 * x + 4.7028E-004
R = 1.0000
DL = 0.1541 ug/l
BEC = 0.2092 ug/l

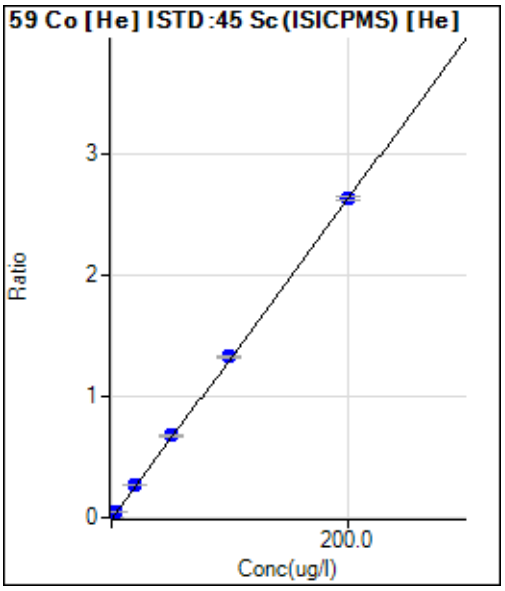
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	27904.59	0.0136	P	13.3	
2	☐	120.000	118.362	313668.94	0.1490	P	1.3	-1.4
3	☐	600.000	633.530	1519636.33	0.7382	A	3.1	5.6
4	☐	12500.00	12765.32	30609458.43	14.613	A	1.3	2.1
5	☐	25000.00	25025.44	60894856.87	28.634	A	0.9	0.1
6	☐	50000.00	49920.54	120129169.3	57.107	A	0.4	-0.2

y = 0.0011 * x + 0.0136
R = 1.0000
DL = 4.764 ug/l
BEC = 11.93 ug/l

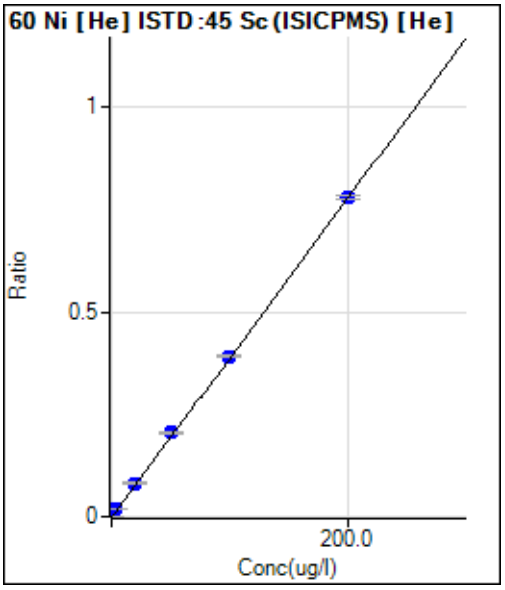
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	14.44	0.0002	P	35.8	
2	☐	4.000	3.991	3201.51	0.0531	P	0.4	-0.2
3	☐	20.000	20.284	16148.50	0.2688	P	2.5	1.4
4	☐	50.000	51.121	39486.94	0.6772	P	2.1	2.2
5	☐	100.000	100.443	78706.56	1.3303	P	0.8	0.4
6	☐	200.000	199.470	155633.13	2.6415	P	1.1	-0.3

y = 0.0132 * x + 2.4503E-004
R = 1.0000
DL = 0.01987 ug/l
BEC = 0.0185 ug/l

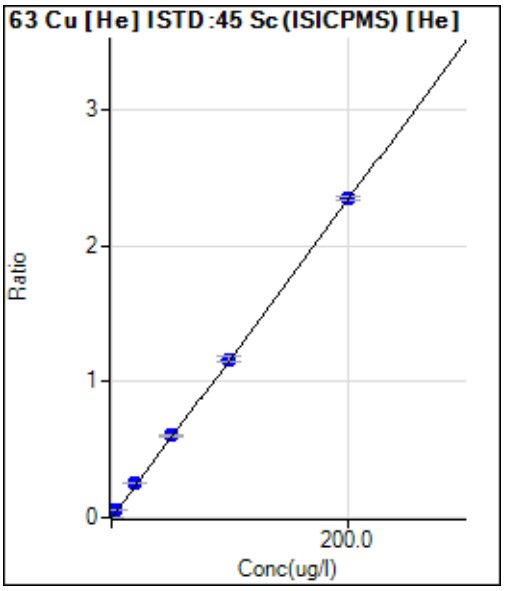
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	101.11	0.0017	P	14.3	
2	☐	4.000	4.293	1113.39	0.0185	P	3.0	7.3
3	☐	20.000	20.473	4902.02	0.0816	P	3.8	2.4
4	☐	50.000	52.017	11936.38	0.2047	P	2.2	4.0
5	☐	100.000	99.814	23145.23	0.3912	P	1.3	-0.2
6	☐	200.000	199.535	45973.90	0.7803	P	0.9	-0.2

y = 0.0039 * x + 0.0017
R = 0.9999
DL = 0.1879 ug/l
BEC = 0.4393 ug/l

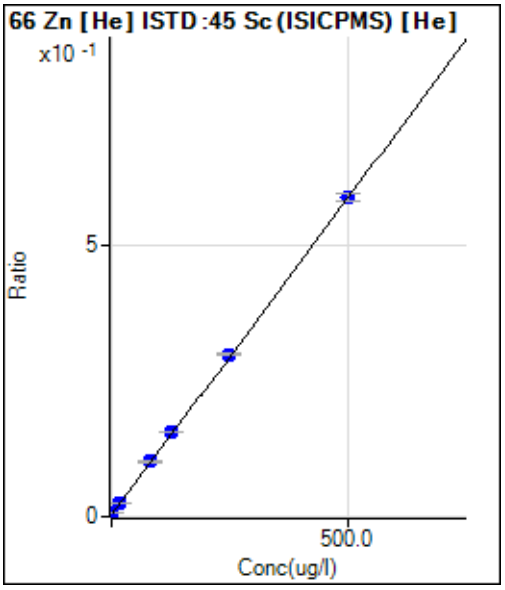
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	378.90	0.0064	P	4.9	
2	☐	4.000	4.247	3386.00	0.0562	P	7.2	6.2
3	☐	20.000	20.885	15078.40	0.2510	P	2.5	4.4
4	☐	50.000	51.142	35300.08	0.6054	P	2.6	2.3
5	☐	100.000	99.066	69012.84	1.1667	P	3.2	-0.9
6	☐	200.000	200.088	138455.51	2.3498	P	0.9	0.0

y = 0.0117 * x + 0.0064
R = 1.0000
DL = 0.08036 ug/l
BEC = 0.5483 ug/l

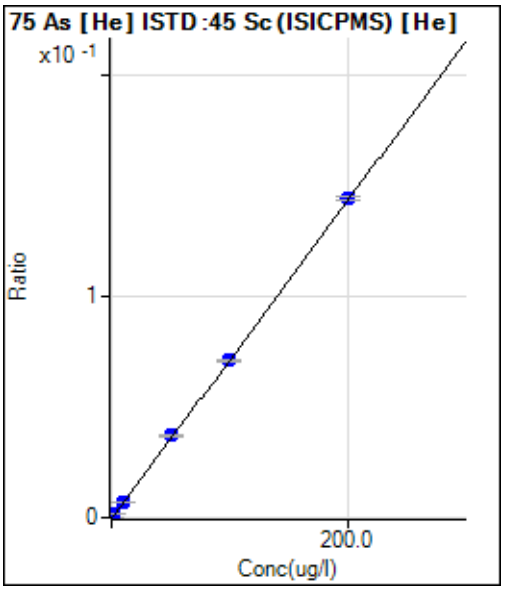
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	373.34	0.0063	P	1.1	
2	☐	16.000	15.893	1496.76	0.0248	P	6.2	-0.7
3	☐	80.000	81.598	6083.62	0.1013	P	3.6	2.0
4	☐	125.000	128.189	9067.52	0.1555	P	1.7	2.6
5	☐	250.000	250.561	17624.82	0.2979	P	1.0	0.2
6	☐	500.000	498.670	34559.42	0.5866	P	2.2	-0.3

y = 0.0012 * x + 0.0063
R = 1.0000
DL = 0.1715 ug/l
BEC = 5.437 ug/l

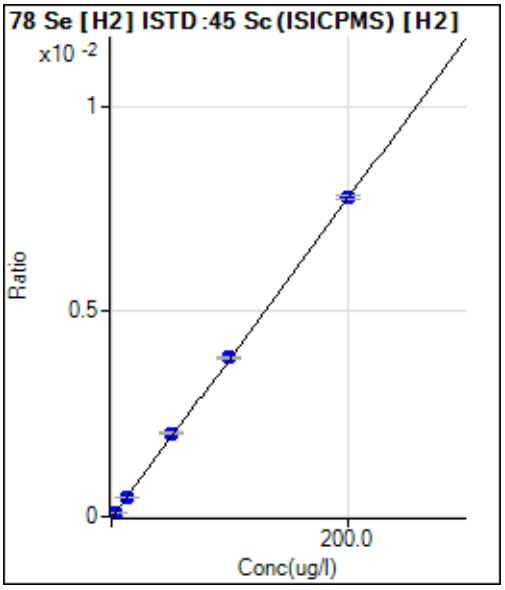
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	8.33	0.0001	P	19.6	
2	☐	2.000	2.193	103.89	0.0017	P	16.8	9.7
3	☐	10.000	9.529	421.12	0.0070	P	2.0	-4.7
4	☐	50.000	51.335	2166.29	0.0371	P	1.7	2.7
5	☐	100.000	98.596	4214.00	0.0712	P	1.6	-1.4
6	☐	200.000	200.390	8519.37	0.1446	P	1.2	0.2

y = 7.2087E-004 * x + 1.4113E-004
R = 0.9999
DL = 0.1151 ug/l
BEC = 0.1958 ug/l

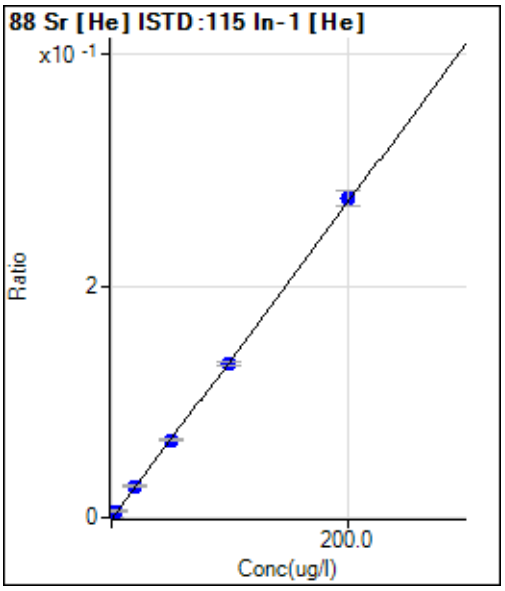
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	8.89	0.0000	P	22.3	
2	☐	2.500	2.165	186.67	0.0001	P	7.7	-13.4
3	☐	12.500	11.952	967.82	0.0005	P	7.9	-4.4
4	☐	50.000	52.141	4264.03	0.0020	P	2.9	4.3
5	☐	100.000	99.471	8252.56	0.0039	P	0.9	-0.5
6	☐	200.000	199.767	16378.89	0.0078	P	1.6	-0.1

y = 3.8958E-005 * x + 4.3440E-006
R = 0.9999
DL = 0.07466 ug/l
BEC = 0.1115 ug/l

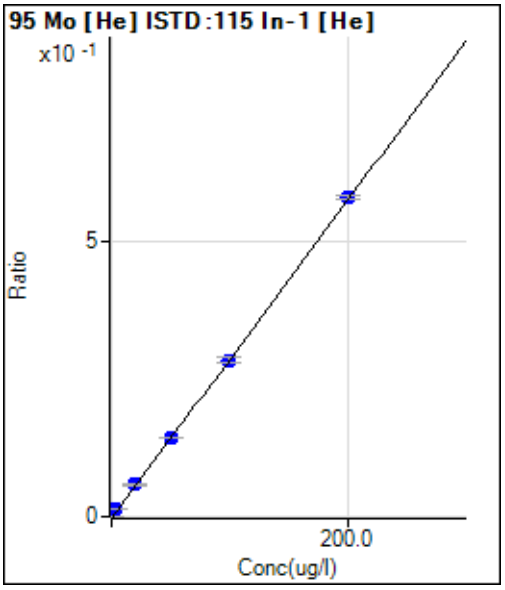
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	6.67	0.0001	P	1.8	
2	☐	4.000	4.164	583.35	0.0058	P	7.7	4.1
3	☐	20.000	19.791	2716.96	0.0271	P	5.4	-1.0
4	☐	50.000	49.002	6662.80	0.0671	P	2.2	-2.0
5	☐	100.000	97.451	13325.58	0.1334	P	2.9	-2.5
6	☐	200.000	201.542	26776.81	0.2758	P	5.2	0.8

y = 0.0014 * x + 6.7513E-005
R = 0.9999
DL = 0.002726 ug/l
BEC = 0.04934 ug/l

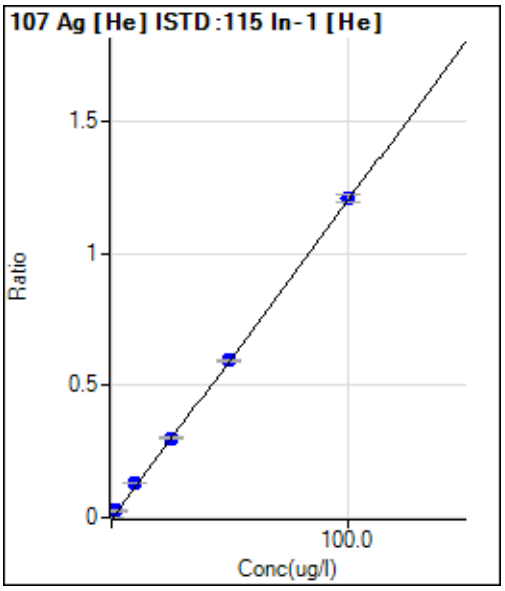
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1.11	0.0000	P	173.	
2	☐	4.000	4.328	1270.07	0.0125	P	2.9	8.2
3	☐	20.000	20.024	5805.75	0.0580	P	3.6	0.1
4	☐	50.000	49.761	14309.94	0.1441	P	1.7	-0.5
5	☐	100.000	98.534	28508.30	0.2854	P	2.9	-1.5
6	☐	200.000	200.784	56477.79	0.5816	P	1.7	0.4

y = 0.0029 * x + 1.1083E-005
R = 1.0000
DL = 0.01988 ug/l
BEC = 0.003826 ug/l

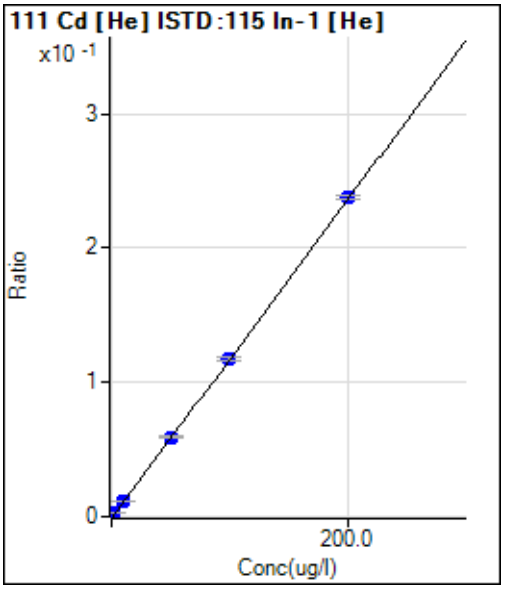
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	11.11	0.0001	P	44.8	
2	☐	2.000	2.119	2599.17	0.0257	P	8.4	5.9
3	☐	10.000	10.867	13137.70	0.1313	P	0.8	8.7
4	☐	25.000	24.936	29890.52	0.3011	P	1.5	-0.3
5	☐	50.000	49.250	59385.87	0.5946	P	1.5	-1.5
6	☐	100.000	100.302	117579.85	1.2107	P	1.8	0.3

y = 0.0121 * x + 1.1227E-004
R = 0.9999
DL = 0.01251 ug/l
BEC = 0.009301 ug/l

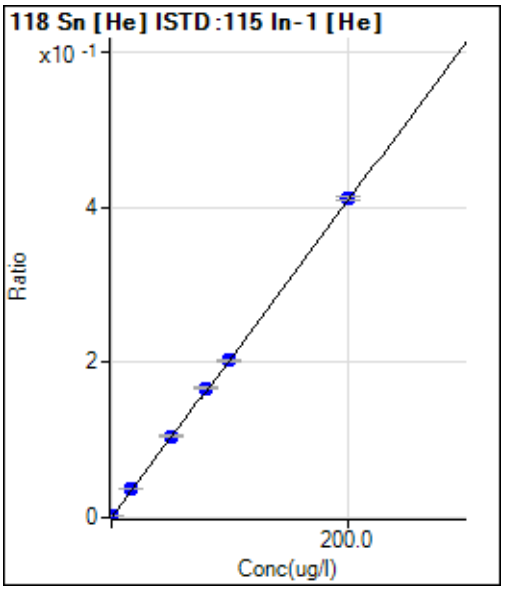
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	0.00	0.0000	P		
2	☐	2.000	2.175	261.12	0.0026	P	9.6	8.8
3	☐	10.000	10.201	1211.17	0.0121	P	1.2	2.0
4	☐	50.000	49.868	5873.56	0.0592	P	1.9	-0.3
5	☐	100.000	99.071	11738.58	0.1175	P	2.8	-0.9
6	☐	200.000	200.486	23101.37	0.2378	P	1.6	0.2

y = 0.0012 * x + 0.0000E+000
R = 1.0000
DL = 0 ug/l
BEC = 0 ug/l

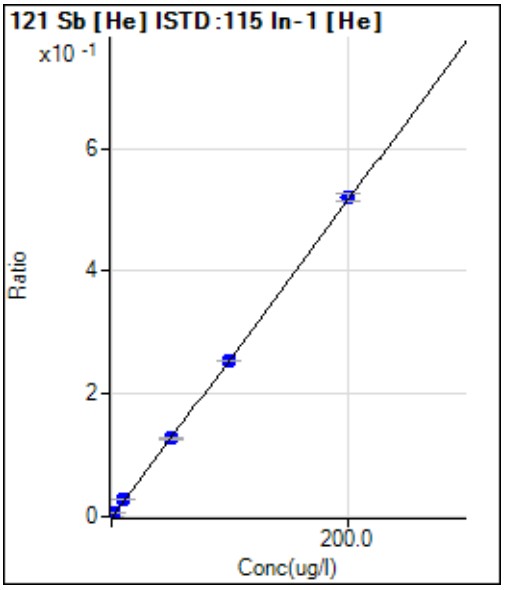
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	238.89	0.0024	P	19.4	
2	☐	16.000	16.604	3674.98	0.0363	P	0.7	3.8
3	☐	80.000	80.715	16732.95	0.1672	P	0.8	0.9
4	☐	50.000	50.093	10391.94	0.1047	P	2.3	0.2
5	☐	100.000	98.057	20236.70	0.2026	P	1.0	-1.9
6	☐	200.000	200.614	40007.34	0.4120	P	1.7	0.3

y = 0.0020 * x + 0.0024
R = 0.9999
DL = 0.6864 ug/l
BEC = 1.182 ug/l

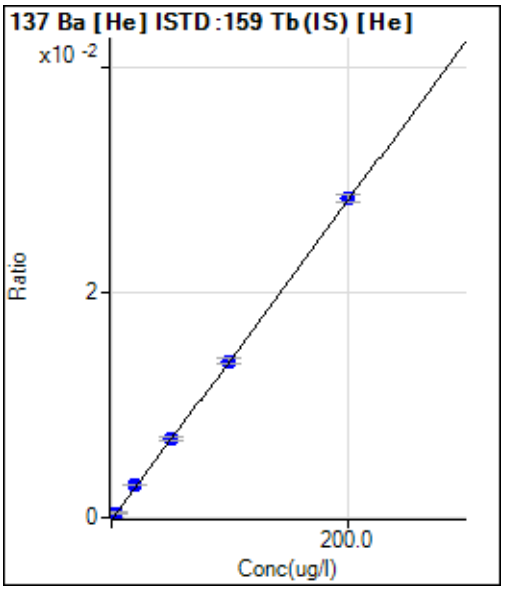
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	30.00	0.0003	P	42.1	
2	☐	2.000	2.037	563.90	0.0056	P	9.0	1.8
3	☐	10.000	10.330	2703.62	0.0270	P	0.9	3.3
4	☐	50.000	49.357	12699.49	0.1279	P	2.5	-1.3
5	☐	100.000	98.181	25390.59	0.2542	P	0.5	-1.8
6	☐	200.000	201.054	50513.80	0.5202	P	2.3	0.5

y = 0.0026 * x + 3.0271E-004
R = 0.9999
DL = 0.1479 ug/l
BEC = 0.1171 ug/l

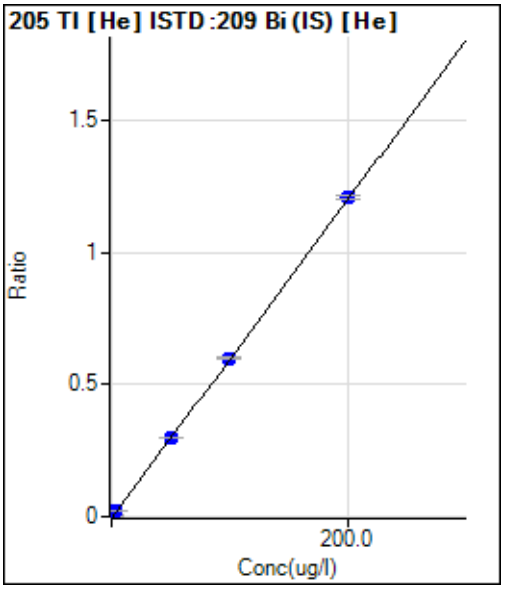
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.516	3.34	0.0000	P	173.	
2	☐	4.000	3.464	246.92	0.0004	P	13.6	-13.4
3	☐	20.000	20.881	1698.52	0.0029	P	4.6	4.4
4	☐	50.000	49.819	4058.11	0.0070	P	2.9	-0.4
5	☐	100.000	98.705	8127.52	0.0139	P	4.4	-1.3
6	☐	200.000	200.616	16497.39	0.0283	P	1.9	0.3

y = 1.415841E-004 * x - 6.731036E-005
R = 0.9999
DL = 0.2095 ug/l
BEC = -0.4754 ug/l

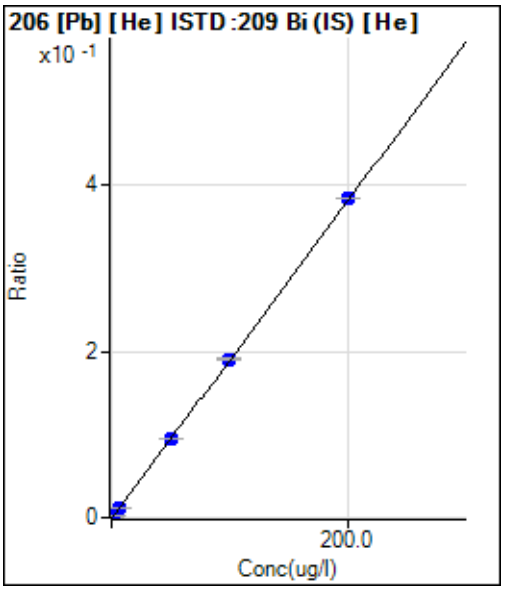
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	57.78	0.0001	P	38.9	
2	☐	0.800	0.794	2454.70	0.0049	P	4.3	-0.8
3	☐	4.000	3.938	11999.15	0.0239	P	2.1	-1.6
4	☐	50.000	49.501	146849.05	0.2986	P	0.8	-1.0
5	☐	100.000	99.388	291786.60	0.5994	P	0.8	-0.6
6	☐	200.000	200.432	588649.21	1.2086	P	1.2	0.2

y = 0.0060 * x + 1.1782E-004
R = 1.0000
DL = 0.0228 ug/l
BEC = 0.01954 ug/l

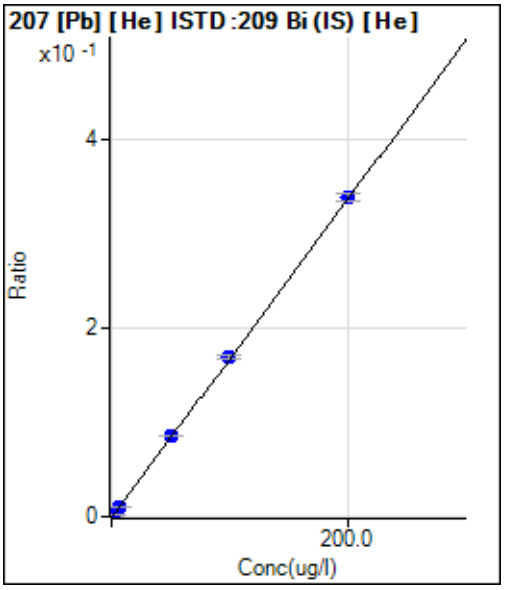
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	298.90	0.0006	P	11.6	
2	☐	1.200	1.325	1572.33	0.0031	P	3.9	10.5
3	☐	6.000	6.026	6094.86	0.0121	P	4.6	0.4
4	☐	50.000	49.158	46499.77	0.0945	P	1.7	-1.7
5	☐	100.000	99.125	92504.71	0.1900	P	1.2	-0.9
6	☐	200.000	200.646	187035.88	0.3840	P	0.4	0.3

y = 0.0019 * x + 6.0840E-004
R = 1.0000
DL = 0.1112 ug/l
BEC = 0.3184 ug/l

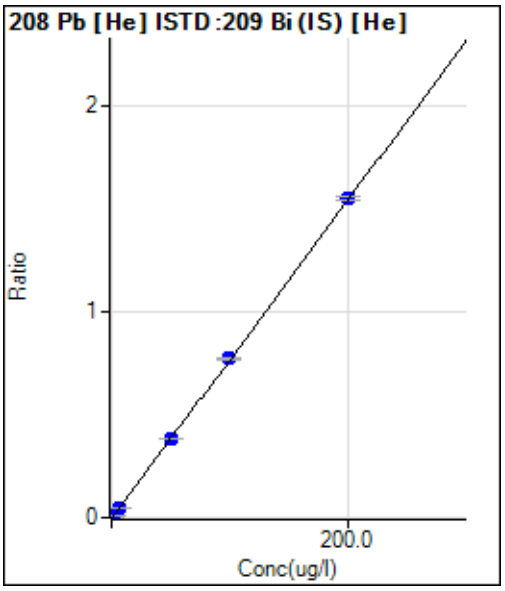
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	275.56	0.0006	P	13.7	
2	☐	1.200	1.171	1271.19	0.0025	P	5.5	-2.4
3	☐	6.000	5.908	5300.05	0.0105	P	3.1	-1.5
4	☐	50.000	49.988	41807.60	0.0850	P	0.4	0.0
5	☐	100.000	99.621	82187.32	0.1688	P	2.7	-0.4
6	☐	200.000	200.195	164974.90	0.3387	P	2.1	0.1

y = 0.0017 * x + 5.6169E-004
R = 1.0000
DL = 0.1364 ug/l
BEC = 0.3325 ug/l

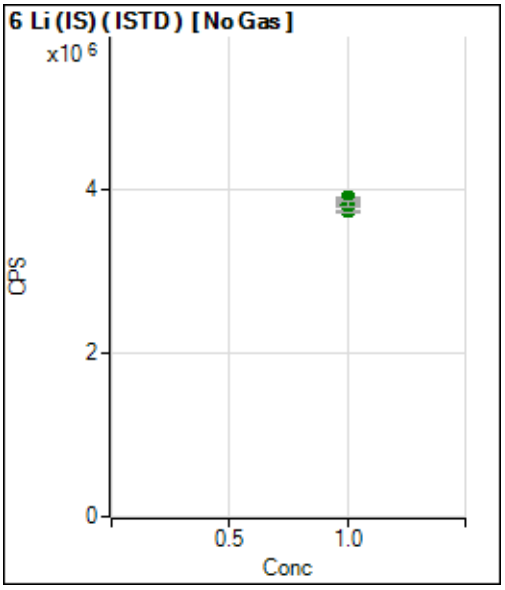
Weight: <None>
Min Conc: <None>



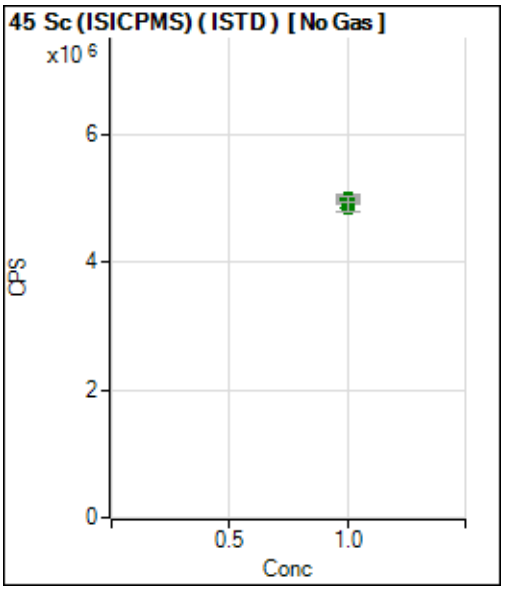
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1240.03	0.0025	P	3.9	
2	☐	1.200	1.185	5862.80	0.0117	P	3.1	-1.3
3	☐	6.000	6.024	24751.05	0.0492	P	2.0	0.4
4	☐	50.000	49.394	189566.03	0.3854	P	1.1	-1.2
5	☐	100.000	99.790	377807.28	0.7761	P	1.2	-0.2
6	☐	200.000	200.256	757327.57	1.5549	P	1.2	0.1

y = 0.0078 * x + 0.0025
R = 1.0000
DL = 0.03809 ug/l
BEC = 0.3258 ug/l

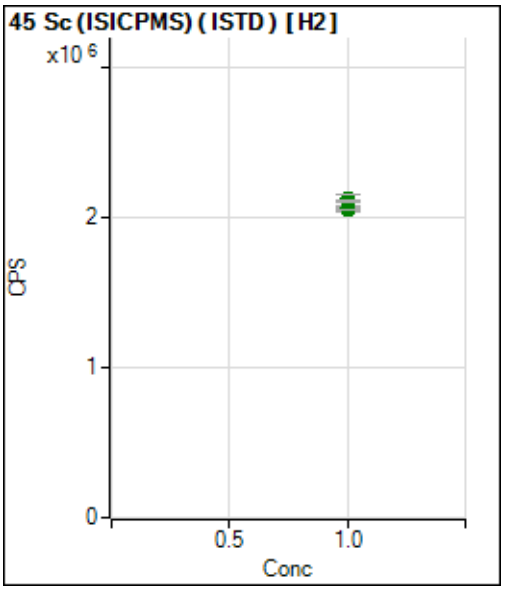
Weight: <None>
Min Conc: <None>



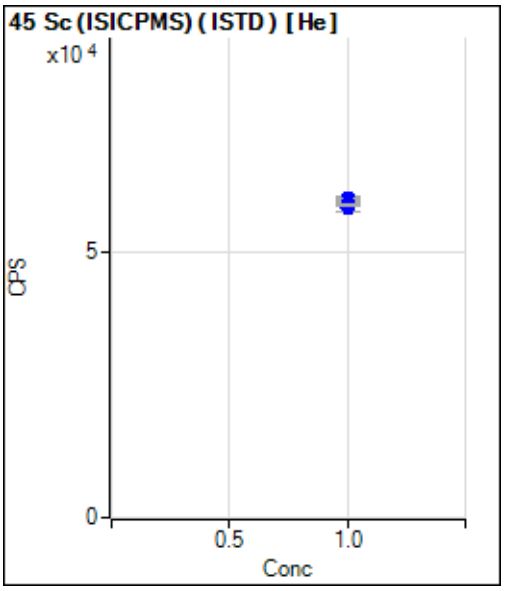
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		3853396.43		A	1.2	
2	☐	1.000		3850371.02		A	2.4	
3	☐	1.000		3733593.38		A	1.1	
4	☐	1.000		3908826.33		A	0.4	
5	☐	1.000		3871756.12		A	0.4	
6	☐	1.000		3822190.85		A	2.0	



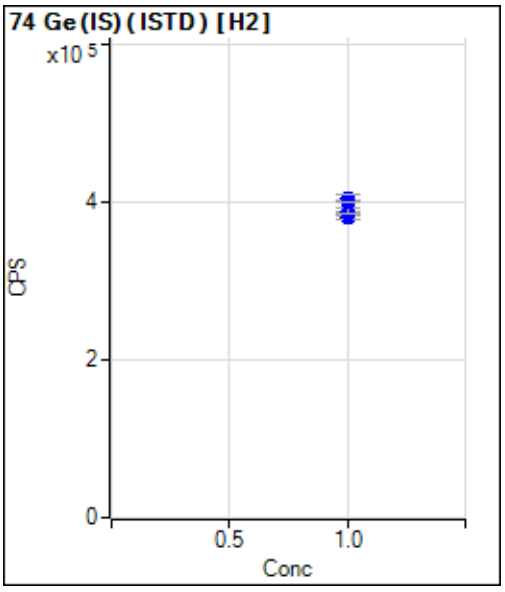
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		4940940.98		A	1.5	
2	☐	1.000		4991318.80		A	0.9	
3	☐	1.000		4986901.26		A	0.2	
4	☐	1.000		5004177.33		A	2.3	
5	☐	1.000		4987101.77		A	1.5	
6	☐	1.000		4862607.17		A	2.8	



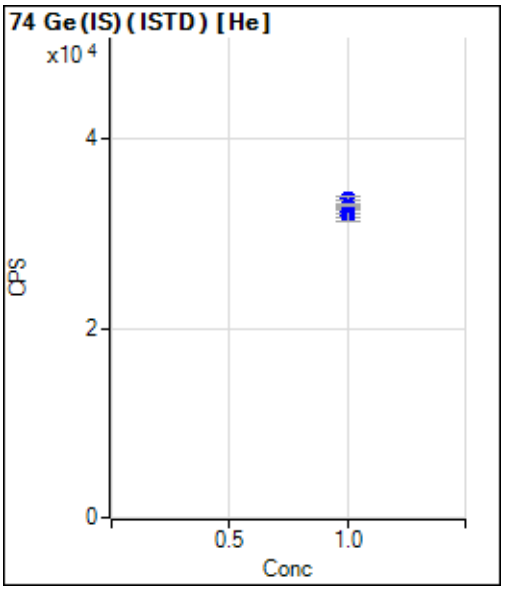
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2049086.36		A	1.7	
2	☐	1.000		2104959.57		A	0.7	
3	☐	1.000		2058739.24		A	1.3	
4	☐	1.000		2095041.39		A	2.1	
5	☐	1.000		2126868.53		A	2.7	
6	☐	1.000		2103575.49		A	0.8	



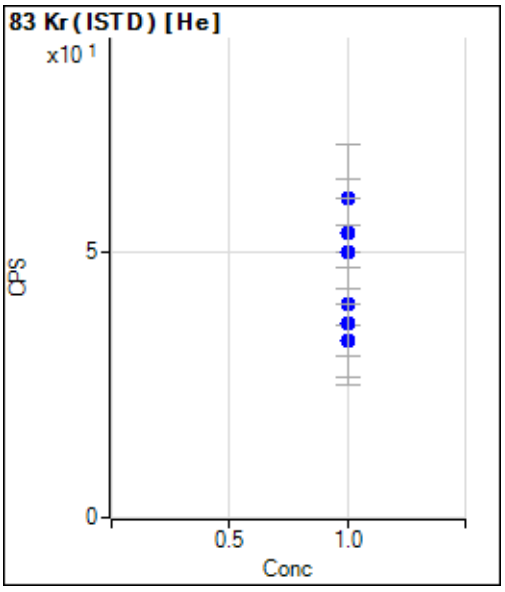
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		59015.76		P	0.5	
2	☐	1.000		60306.78		P	1.3	
3	☐	1.000		60074.56		P	0.6	
4	☐	1.000		58324.87		P	1.5	
5	☐	1.000		59169.84		P	1.3	
6	☐	1.000		58920.93		P	0.8	



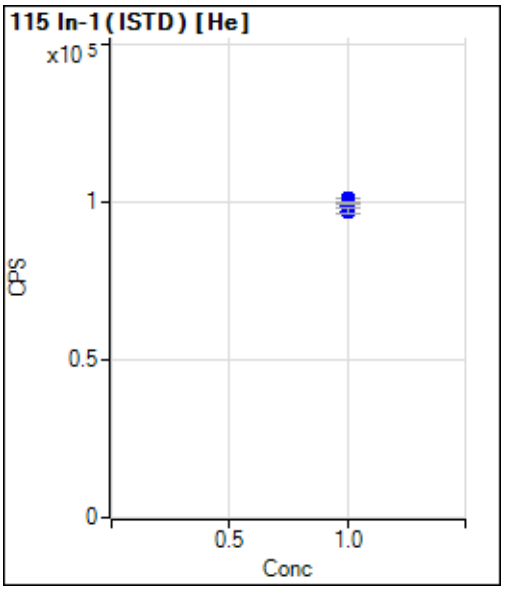
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		380902.20		P	1.9	
2	☐	1.000		385395.87		P	1.3	
3	☐	1.000		387803.27		P	1.9	
4	☐	1.000		400976.60		P	0.9	
5	☐	1.000		404314.70		P	2.6	
6	☐	1.000		399386.27		P	0.5	



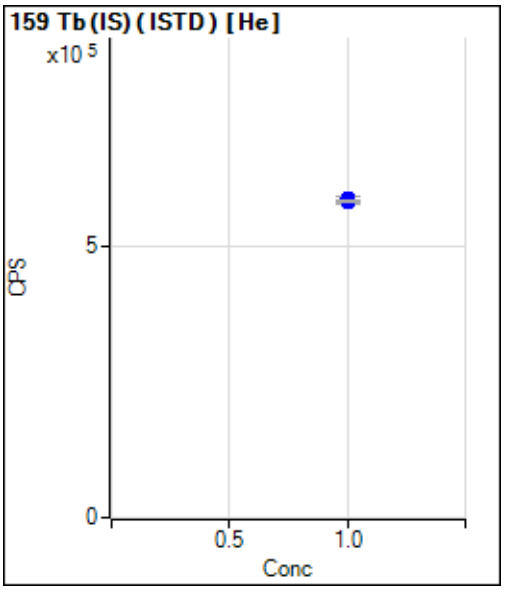
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		31899.87		P	1.5	
2	☐	1.000		32221.01		P	1.1	
3	☐	1.000		31856.32		P	4.1	
4	☐	1.000		33167.56		P	2.3	
5	☐	1.000		33706.03		P	1.5	
6	☐	1.000		32983.40		P	1.0	



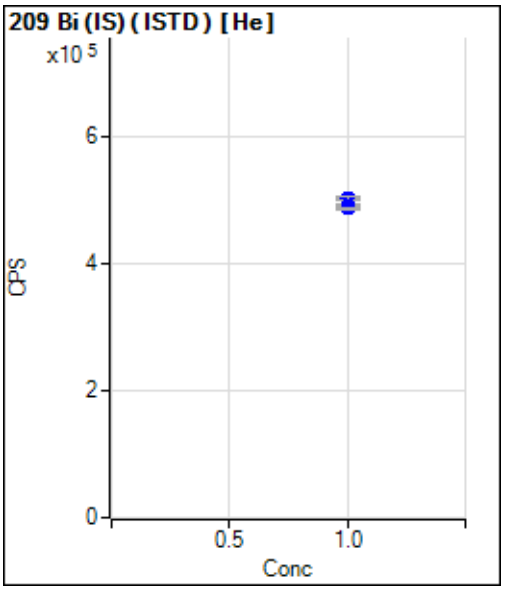
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		40.04		P	75.0	
2	☐	1.000		33.37		P	17.3	
3	☐	1.000		60.06		P	33.3	
4	☐	1.000		50.05		P	40.0	
5	☐	1.000		36.70		P	56.8	
6	☐	1.000		53.39		P	39.0	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		98818.31		P	1.8	
2	☐	1.000		101211.22		P	0.5	
3	☐	1.000		100082.01		P	0.2	
4	☐	1.000		99293.09		P	1.8	
5	☐	1.000		99890.82		P	0.8	
6	☐	1.000		97131.14		P	2.0	



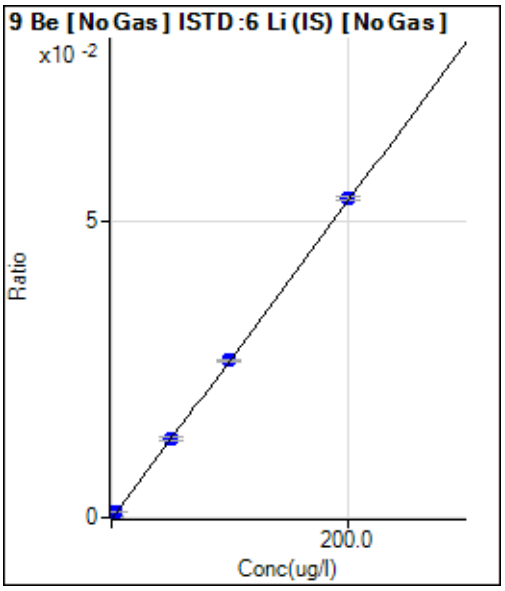
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		582585.55		P	0.5	
2	☐	1.000		583266.03		P	0.9	
3	☐	1.000		587799.16		P	0.7	
4	☐	1.000		580932.59		P	0.9	
5	☐	1.000		584465.78		P	0.5	
6	☐	1.000		582131.28		P	0.9	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		490821.67		P	1.3	
2	☐	1.000		500649.90		P	0.9	
3	☐	1.000		502865.35		P	0.8	
4	☐	1.000		491852.56		P	0.4	
5	☐	1.000		486864.71		P	1.2	
6	☐	1.000		487092.40		P	0.8	

Batch Folder: D:\Agilent\ICPMH\1\DATA\NM041122.b\
Analysis File: NM041122.batch.bin
DA Date-Time: 2022-04-11 10:55:42
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

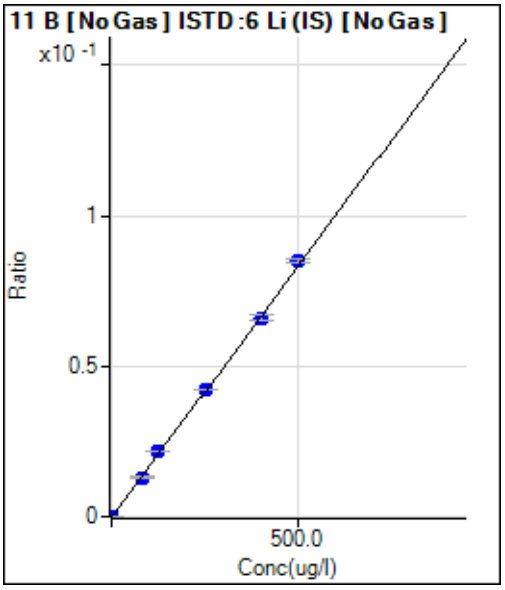
Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	IC CAL-Blk	2022-04-11 09:25:57
2	005CALS.d	IC CAL1 9767629	2022-04-11 09:28:27
3	006CALS.d	IC CAL2 9767631	2022-04-11 09:30:55
4	007CALS.d	IC CAL3 9767645	2022-04-11 09:33:21
5	008CALS.d	IC CAL4 9767647	2022-04-11 09:35:48
6	009CALS.d	IC CAL5 97676733	2022-04-11 09:38:15



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	34.45	0.0000	P	18.0	
2	☐	0.800	0.826	811.14	0.0002	P	5.5	3.3
3	☐	4.000	3.963	3754.96	0.0011	P	1.3	-0.9
4	☐	50.000	49.073	46182.75	0.0132	P	4.7	-1.9
5	☐	100.000	98.646	91941.85	0.0265	P	1.7	-1.4
6	☐	200.000	200.909	188127.11	0.0541	P	0.8	0.5

y = 2.6899E-004 * x + 9.7634E-006
R = 1.0000
DL = 0.01959 ug/l
BEC = 0.0363 ug/l

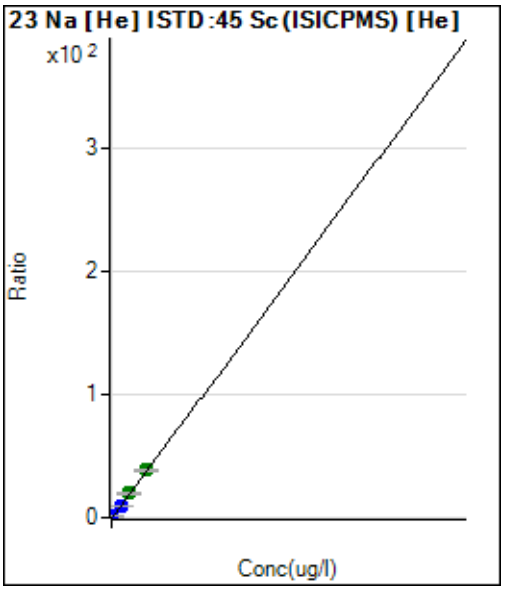
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	876.70	0.0002	P	5.1	
2	☐	80.000	76.386	45697.26	0.0131	P	1.8	-4.5
3	☐	400.000	392.382	230799.07	0.0661	P	2.1	-1.9
4	☐	125.000	128.003	75999.85	0.0217	P	2.4	2.4
5	☐	250.000	250.756	146708.01	0.0424	P	0.5	0.3
6	☐	500.000	505.544	296314.99	0.0851	P	1.8	1.1

y = 1.6790E-004 * x + 2.4932E-004
R = 0.9997
DL = 0.2278 ug/l
BEC = 1.485 ug/l

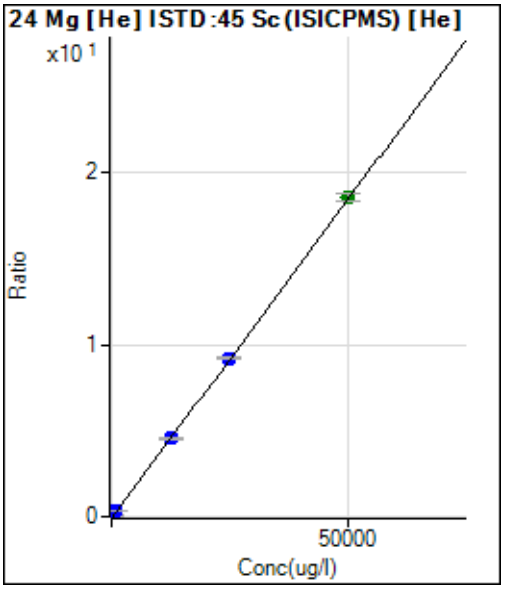
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	17474.30	0.3247	P	1.1	
2	☐	200.000	202.211	25649.10	0.4793	P	1.1	1.1
3	☐	1000.000	992.907	58835.24	1.0834	P	1.7	-0.7
4	☐	12500.00	12361.75	526558.55	9.7707	P	1.2	-1.1
5	☐	25000.00	25123.18	1029682.66	19.522	A	0.7	0.5
6	☐	50000.00	49973.10	2042716.45	38.510	A	4.0	-0.1

y = 7.6413E-004 * x + 0.3247
R = 1.0000
DL = 13.56 ug/l
BEC = 425 ug/l

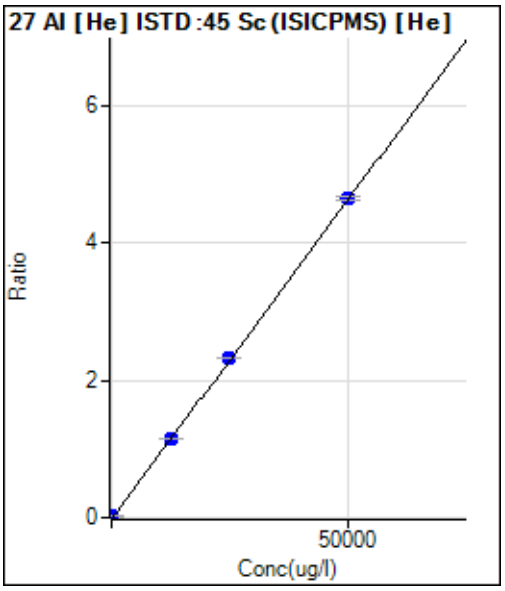
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	50.00	0.0009	P	6.5	
2	☐	200.000	202.859	4076.17	0.0762	P	1.6	1.4
3	☐	1000.000	996.868	20123.45	0.3707	P	4.0	-0.3
4	☐	12500.00	12264.51	245192.71	4.5498	P	1.4	-1.9
5	☐	25000.00	24875.23	486673.24	9.2271	P	0.8	-0.5
6	☐	50000.00	50121.30	986049.67	18.590	A	1.9	0.2

y = 3.7090E-004 * x + 9.2914E-004
R = 1.0000
DL = 0.4894 ug/l
BEC = 2.505 ug/l

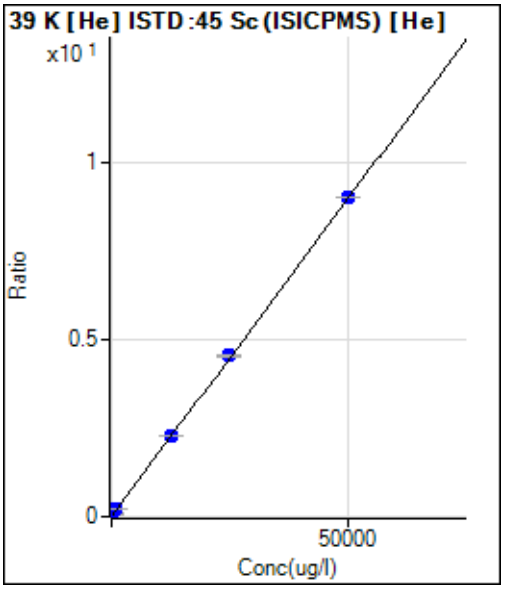
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	17.78	0.0003	P	14.5	
2	☐	40.000	43.031	231.67	0.0043	P	1.6	7.6
3	☐	200.000	196.335	1008.93	0.0186	P	1.4	-1.8
4	☐	12500.00	12328.26	61758.70	1.1459	P	0.6	-1.4
5	☐	25000.00	25026.20	122677.91	2.3259	P	0.6	0.1
6	☐	50000.00	50029.84	246653.81	4.6494	P	0.6	0.1

y = 9.2925E-005 * x + 3.3043E-004
R = 1.0000
DL = 1.551 ug/l
BEC = 3.556 ug/l

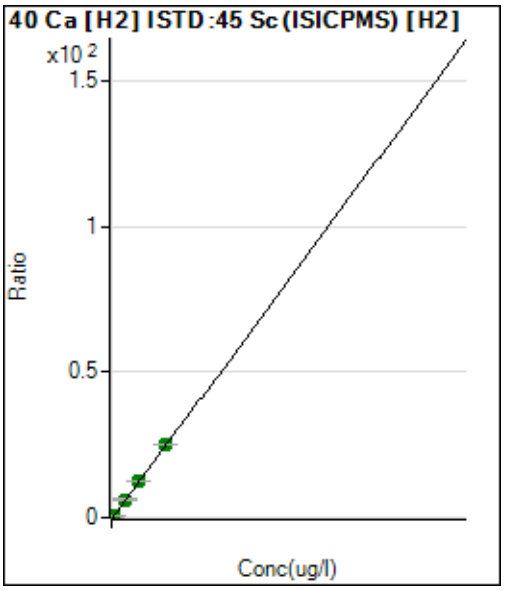
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2970.34	0.0552	P	8.0	
2	☐	200.000	206.660	4943.14	0.0923	P	4.0	3.3
3	☐	1000.000	1025.640	13003.95	0.2395	P	3.2	2.6
4	☐	12500.00	12388.53	122911.39	2.2808	P	1.6	-0.9
5	☐	25000.00	25061.10	240379.88	4.5574	P	1.4	0.2
6	☐	50000.00	49996.77	479409.27	9.0371	P	0.2	0.0

y = 1.7965E-004 * x + 0.0552
R = 1.0000
DL = 73.65 ug/l
BEC = 307.3 ug/l

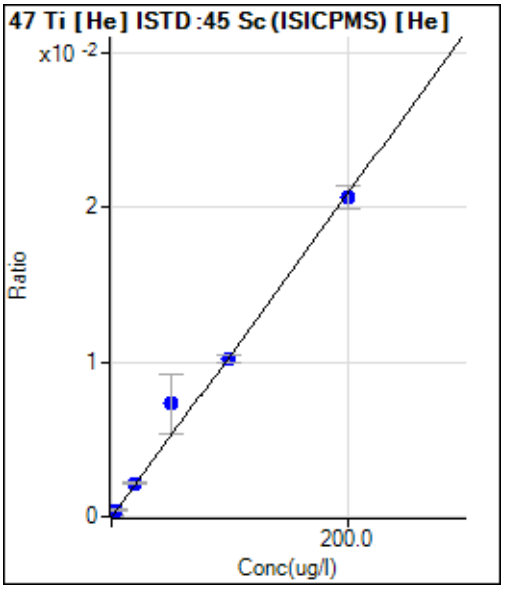
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	26603.33	0.0132	P	0.7	
2	☐	200.000	196.913	224522.53	0.1118	P	2.5	-1.5
3	☐	1000.000	1007.156	1062279.69	0.5178	A	2.4	0.7
4	☐	12500.00	12407.86	12576270.65	6.2298	A	2.4	-0.7
5	☐	25000.00	24973.17	24854722.96	12.525	A	0.6	-0.1
6	☐	50000.00	50036.31	49295617.04	25.082	A	2.2	0.1

y = 5.0102E-004 * x + 0.0132
R = 1.0000
DL = 0.5918 ug/l
BEC = 26.32 ug/l

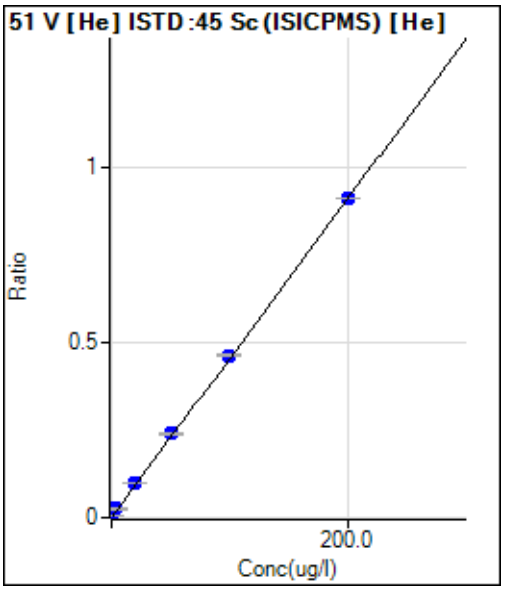
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2.67	0.0000	P	57.5	
2	☐	4.000	3.334	21.33	0.0004	P	21.4	-16.6
3	☐	20.000	20.274	118.01	0.0022	P	8.8	1.4
4	☐	50.000	69.019	391.14	0.0073	P	54.6	38.0
5	☐	100.000	97.091	538.40	0.0102	P	4.8	-2.9
6	☐	200.000	196.686	1094.18	0.0206	P	6.9	-1.7

y = 1.0462E-004 * x + 4.9595E-005
R = 0.9941
DL = 0.8178 ug/l
BEC = 0.474 ug/l

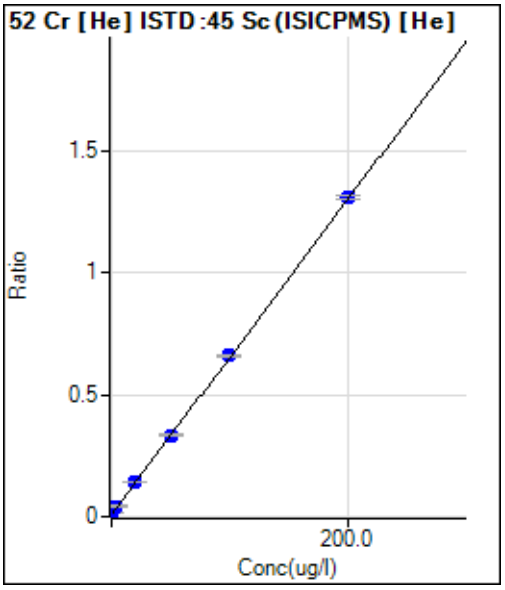
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	277.78	0.0052	P	6.6	
2	☐	4.000	4.333	1334.52	0.0249	P	5.3	8.3
3	☐	20.000	20.626	5393.32	0.0993	P	3.8	3.1
4	☐	50.000	51.408	12923.91	0.2398	P	1.2	2.8
5	☐	100.000	100.783	24534.22	0.4652	P	1.6	0.8
6	☐	200.000	199.187	48504.36	0.9143	P	0.4	-0.4

y = 0.0046 * x + 0.0052
R = 1.0000
DL = 0.224 ug/l
BEC = 1.131 ug/l

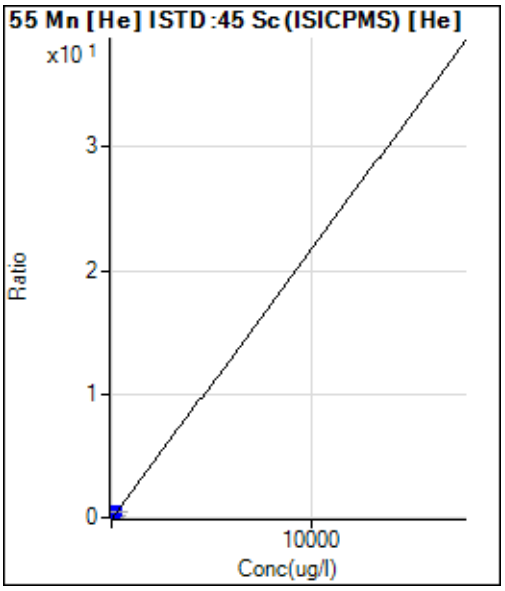
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	840.03	0.0156	P	3.8	
2	☐	4.000	4.116	2256.87	0.0422	P	7.2	2.9
3	☐	20.000	19.909	7830.05	0.1442	P	0.5	-0.5
4	☐	50.000	49.052	17909.50	0.3323	P	2.0	-1.9
5	☐	100.000	99.811	34815.30	0.6601	P	1.1	-0.2
6	☐	200.000	200.338	69445.07	1.3092	P	1.1	0.2

y = 0.0065 * x + 0.0156
R = 1.0000
DL = 0.2726 ug/l
BEC = 2.418 ug/l

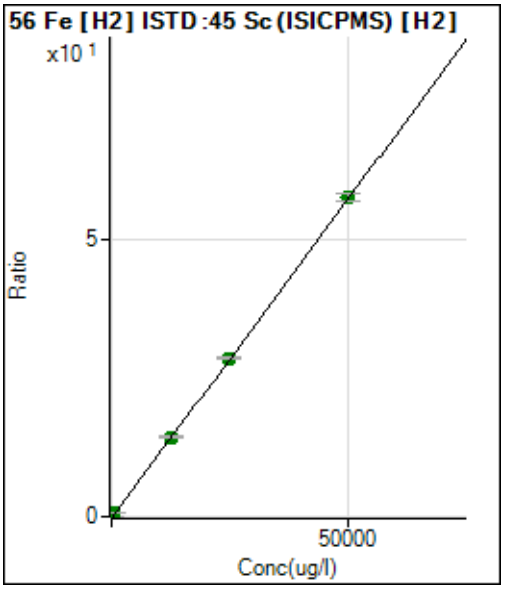
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	30.00	0.0006	P	40.2	
2	☐	8.000	8.403	1016.71	0.0190	P	8.2	5.0
3	☐	40.000	41.186	4936.48	0.0909	P	5.8	3.0
4	☐	50.000	50.746	6029.15	0.1119	P	3.9	1.5
5	☐	100.000	101.952	11826.27	0.2242	P	0.4	2.0
6	☐	200.000	198.584	23137.42	0.4362	P	2.2	-0.7

y = 0.0022 * x + 5.5787E-004
R = 0.9999
DL = 0.3064 ug/l
BEC = 0.2543 ug/l

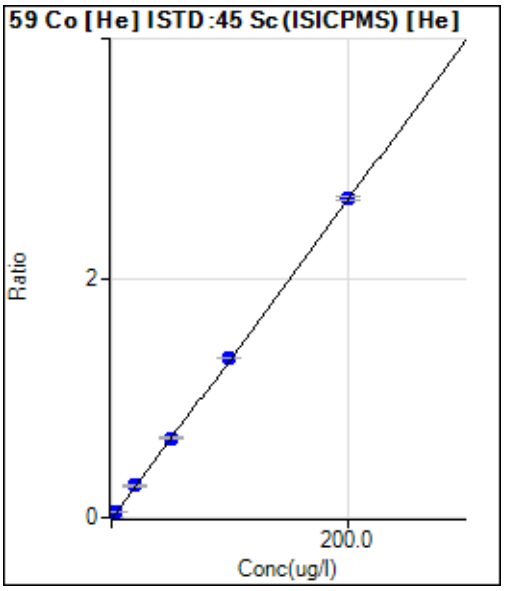
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	21865.32	0.0108	P	1.1	
2	☐	120.000	119.307	296846.74	0.1479	P	2.9	-0.6
3	☐	600.000	602.019	1440867.60	0.7024	A	2.8	0.3
4	☐	12500.00	12463.37	28924775.68	14.327	A	2.3	-0.3
5	☐	25000.00	24849.51	56666976.38	28.556	A	1.1	-0.6
6	☐	50000.00	50084.37	113093674.9	57.544	A	2.1	0.2

y = 0.0011 * x + 0.0108
R = 1.0000
DL = 0.3182 ug/l
BEC = 9.436 ug/l

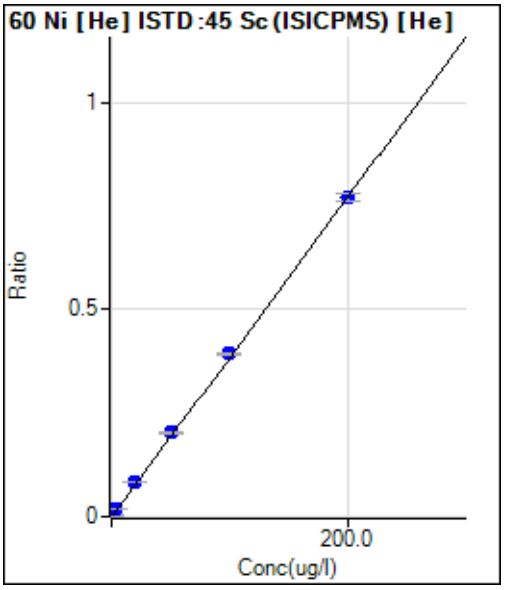
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	17.78	0.0003	P	38.7	
2	☐	4.000	4.055	2914.78	0.0545	P	5.0	1.4
3	☐	20.000	20.000	14519.98	0.2674	P	2.0	0.0
4	☐	50.000	49.809	35857.02	0.6654	P	1.9	-0.4
5	☐	100.000	99.935	70397.11	1.3347	P	0.6	-0.1
6	☐	200.000	200.079	141727.47	2.6718	P	0.8	0.0

y = 0.0134 * x + 3.3001E-004
R = 1.0000
DL = 0.02871 ug/l
BEC = 0.02472 ug/l

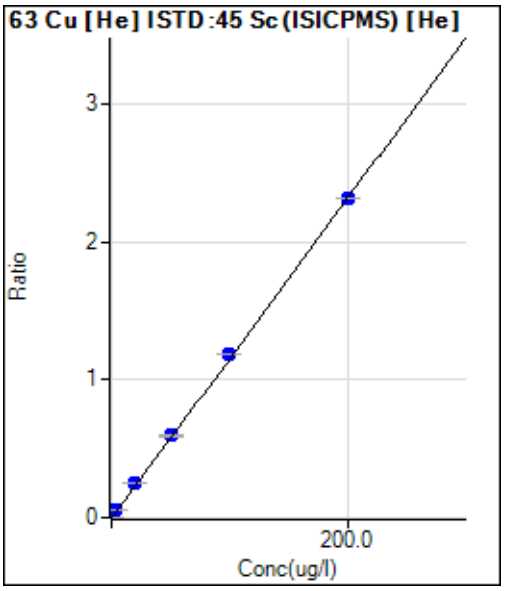
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	130.00	0.0024	P	8.8	
2	☐	4.000	4.335	1026.71	0.0192	P	0.7	8.4
3	☐	20.000	20.977	4538.56	0.0836	P	2.9	4.9
4	☐	50.000	51.826	10936.67	0.2029	P	1.4	3.7
5	☐	100.000	101.138	20763.62	0.3937	P	0.5	1.1
6	☐	200.000	198.870	40933.48	0.7718	P	2.0	-0.6

y = 0.0039 * x + 0.0024
R = 0.9999
DL = 0.1652 ug/l
BEC = 0.6245 ug/l

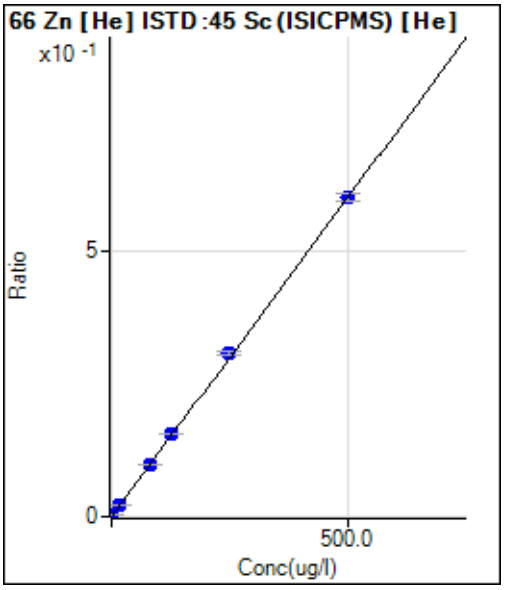
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	323.34	0.0060	P	4.1	
2	☐	4.000	4.207	2937.01	0.0549	P	1.2	5.2
3	☐	20.000	21.072	13620.18	0.2508	P	1.4	5.4
4	☐	50.000	50.571	31981.99	0.5934	P	1.1	1.1
5	☐	100.000	101.871	62728.24	1.1893	P	0.3	1.9
6	☐	200.000	198.811	122821.00	2.3153	P	0.3	-0.6

y = 0.0116 * x + 0.0060
R = 0.9999
DL = 0.06415 ug/l
BEC = 0.5174 ug/l

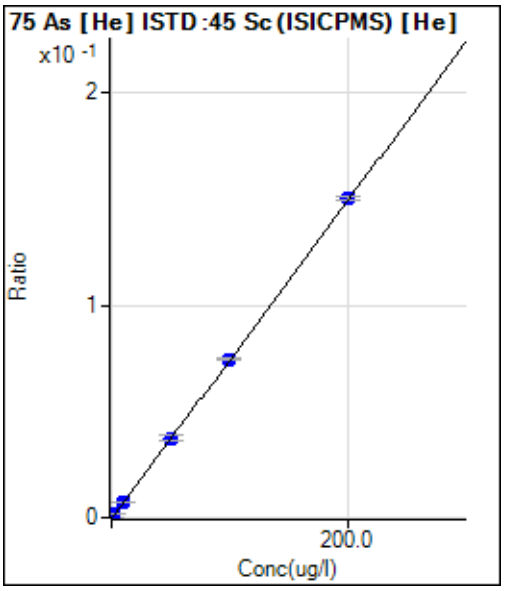
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	170.00	0.0032	P	10.3	
2	☐	16.000	16.414	1225.62	0.0229	P	3.1	2.6
3	☐	80.000	78.640	5309.96	0.0978	P	2.1	-1.7
4	☐	125.000	126.930	8399.32	0.1558	P	0.4	1.5
5	☐	250.000	253.903	16275.36	0.3086	P	1.6	1.6
6	☐	500.000	497.770	31925.24	0.6019	P	2.7	-0.4

y = 0.0012 * x + 0.0032
R = 0.9999
DL = 0.8085 ug/l
BEC = 2.627 ug/l

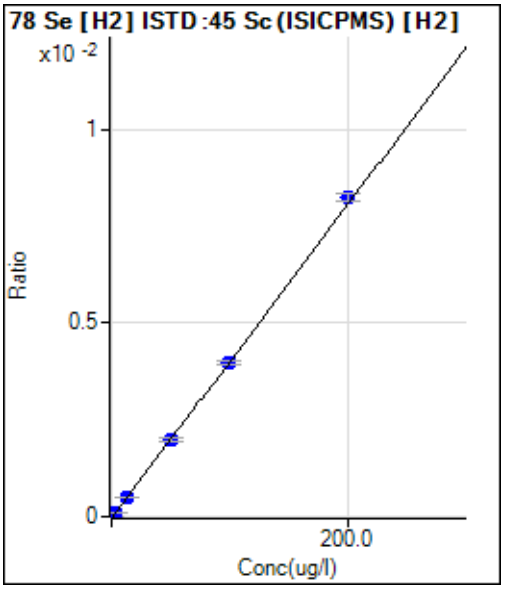
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10.56	0.0002	P	32.6	
2	☐	2.000	2.166	97.22	0.0018	P	15.9	8.3
3	☐	10.000	9.510	397.23	0.0073	P	1.6	-4.9
4	☐	50.000	49.597	2011.27	0.0373	P	7.2	-0.8
5	☐	100.000	99.187	3925.03	0.0744	P	1.0	-0.8
6	☐	200.000	200.530	7969.60	0.1503	P	1.6	0.3

y = 7.4830E-004 * x + 1.9604E-004
R = 1.0000
DL = 0.2562 ug/l
BEC = 0.262 ug/l

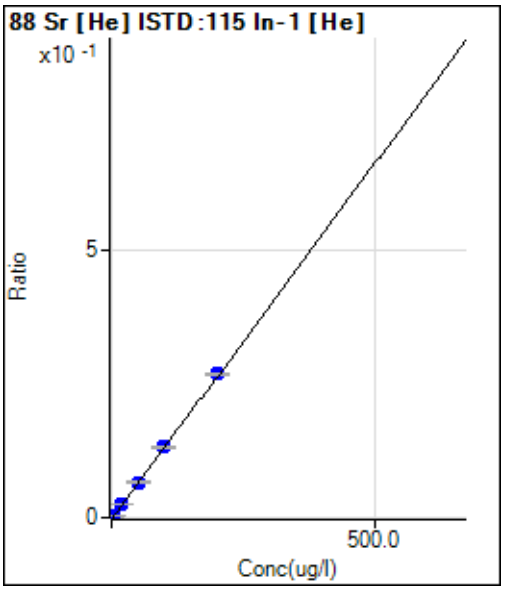
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.022	6.67	0.0000	P	0.2	
2	☐	2.500	2.078	173.34	0.0001	P	15.5	-16.9
3	☐	12.500	11.818	986.71	0.0005	P	3.7	-5.5
4	☐	50.000	49.161	4021.74	0.0020	P	3.5	-1.7
5	☐	100.000	98.526	7916.82	0.0040	P	2.5	-1.5
6	☐	200.000	203.624	16202.04	0.0082	P	2.8	1.8

y = 4.047723E-005 * x + 2.416220E-006
R = 0.9999
DL = 0.0004028 ug/l
BEC = 0.05969 ug/l

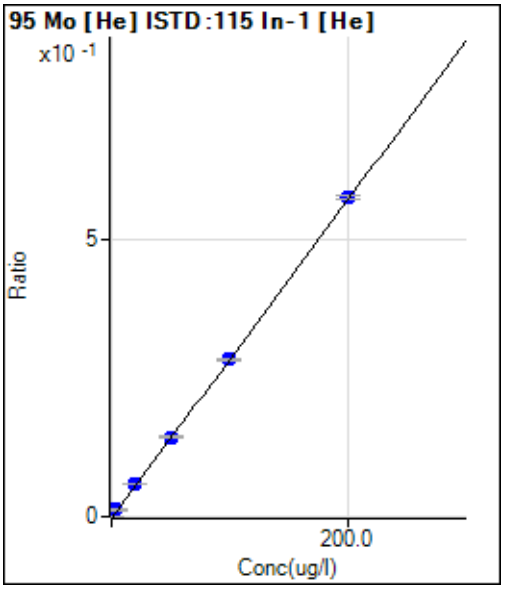
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1.11	0.0000	P	173.	
2	☐	4.000	3.965	471.13	0.0053	P	2.6	-0.9
3	☐	20.000	20.003	2379.12	0.0268	P	1.8	0.0
4	☐	50.000	49.781	5920.24	0.0666	P	5.8	-0.4
5	☐	100.000	98.626	11710.76	0.1319	P	2.0	-1.4
6	☐	200.000	200.742	23537.42	0.2685	P	1.8	0.4

y = 0.0013 * x + 1.2485E-005
R = 1.0000
DL = 0.04851 ug/l
BEC = 0.009336 ug/l

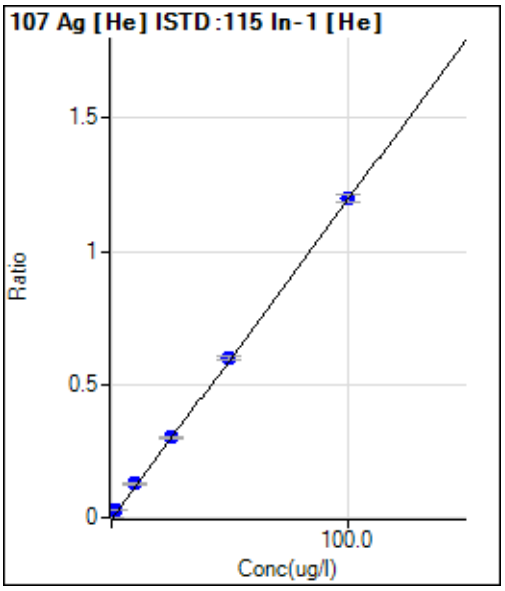
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	4.44	0.0000	P	44.1	
2	☐	4.000	4.293	1096.72	0.0124	P	7.4	7.3
3	☐	20.000	20.338	5195.50	0.0584	P	1.4	1.7
4	☐	50.000	49.676	12681.66	0.1426	P	2.1	-0.6
5	☐	100.000	98.689	25152.70	0.2833	P	1.9	-1.3
6	☐	200.000	200.697	50515.55	0.5761	P	1.1	0.3

y = 0.0029 * x + 4.9973E-005
R = 1.0000
DL = 0.02302 ug/l
BEC = 0.01741 ug/l

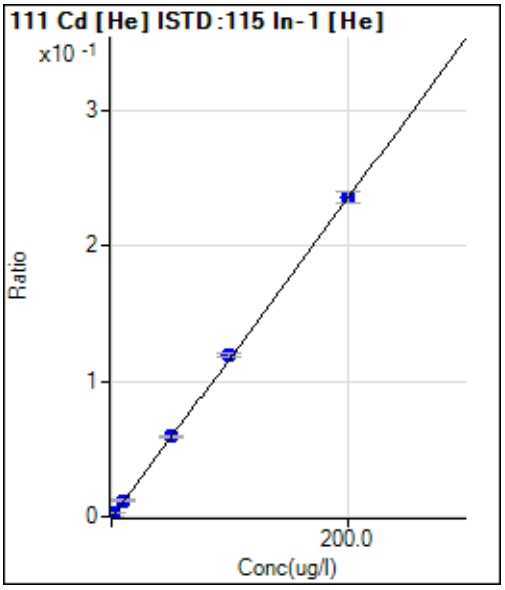
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	7.78	0.0001	P	65.6	
2	☐	2.000	2.167	2310.22	0.0261	P	3.8	8.3
3	☐	10.000	10.617	11329.37	0.1274	P	5.1	6.2
4	☐	25.000	25.079	26738.25	0.3008	P	2.9	0.3
5	☐	50.000	49.810	53014.72	0.5973	P	2.4	-0.4
6	☐	100.000	100.010	105121.92	1.1991	P	2.0	0.0

y = 0.0120 * x + 8.7267E-005
R = 1.0000
DL = 0.01433 ug/l
BEC = 0.007279 ug/l

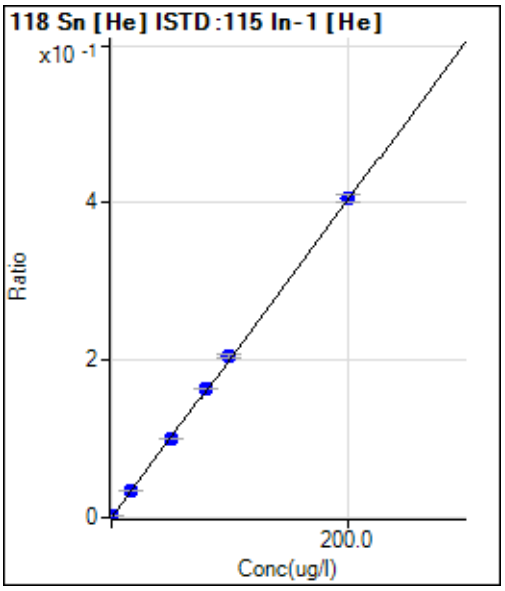
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1.11	0.0000	P	173.	
2	☐	2.000	2.101	221.12	0.0025	P	11.9	5.0
3	☐	10.000	10.028	1055.61	0.0119	P	5.1	0.3
4	☐	50.000	49.912	5246.63	0.0590	P	0.5	-0.2
5	☐	100.000	100.789	10576.54	0.1191	P	2.6	0.8
6	☐	200.000	199.625	20686.25	0.2360	P	3.1	-0.2

y = 0.0012 * x + 1.2549E-005
R = 1.0000
DL = 0.05517 ug/l
BEC = 0.01062 ug/l

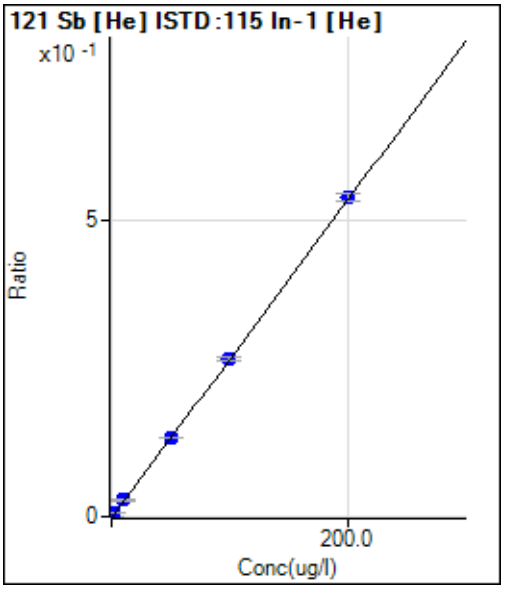
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	213.34	0.0024	P	17.8	
2	☐	16.000	15.960	3062.60	0.0346	P	3.9	-0.2
3	☐	80.000	79.859	14521.42	0.1633	P	0.4	-0.2
4	☐	50.000	48.249	8857.48	0.0996	P	0.4	-3.5
5	☐	100.000	100.590	18207.16	0.2051	P	3.2	0.6
6	☐	200.000	200.202	35591.19	0.4058	P	1.8	0.1

y = 0.0020 * x + 0.0024
R = 0.9999
DL = 0.6336 ug/l
BEC = 1.189 ug/l

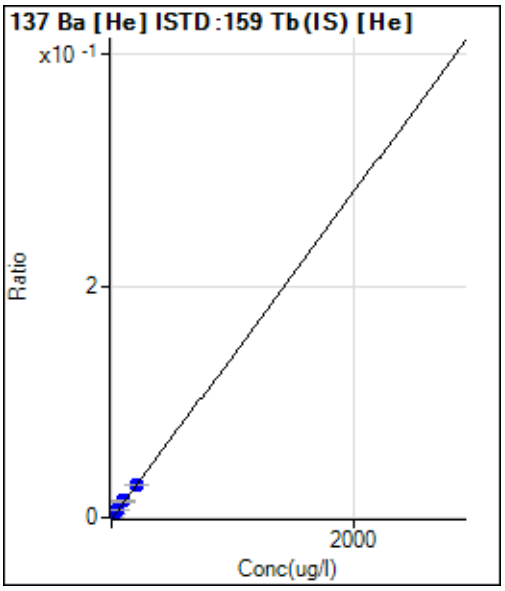
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	29.45	0.0003	P	8.8	
2	☐	2.000	2.019	510.01	0.0058	P	5.0	1.0
3	☐	10.000	10.255	2478.58	0.0279	P	2.7	2.5
4	☐	50.000	49.542	11857.59	0.1334	P	1.7	-0.9
5	☐	100.000	98.980	23623.84	0.2661	P	3.4	-1.0
6	☐	200.000	200.612	47257.50	0.5391	P	2.1	0.3

y = 0.0027 * x + 3.3062E-004
R = 1.0000
DL = 0.03259 ug/l
BEC = 0.1231 ug/l

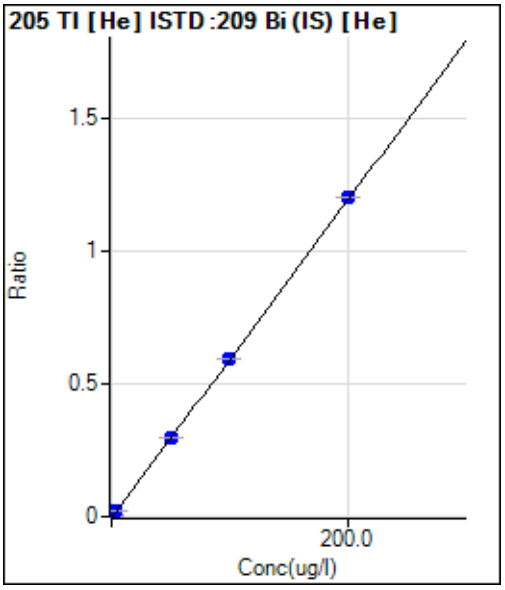
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	0.00	0.0000	P		
2	☐	4.000	3.987	296.97	0.0006	P	23.4	-0.3
3	☐	20.000	20.261	1504.95	0.0029	P	5.2	1.3
4	☐	50.000	50.633	3797.78	0.0072	P	6.0	1.3
5	☐	100.000	100.768	7546.54	0.0142	P	4.3	0.8
6	☐	200.000	199.432	14917.17	0.0282	P	3.4	-0.3

y = 1.4135E-004 * x + 0.0000E+000
R = 1.0000
DL = 0 ug/l
BEC = 0 ug/l

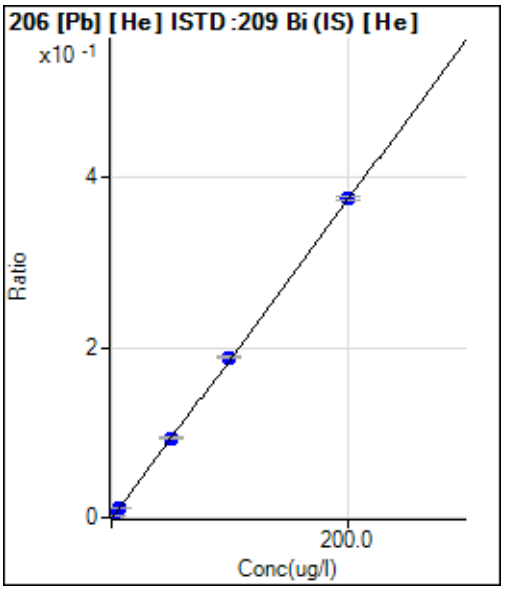
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	224.45	0.0005	P	14.9	
2	☐	0.800	0.769	2335.79	0.0051	P	5.8	-3.8
3	☐	4.000	3.934	10889.26	0.0241	P	2.0	-1.7
4	☐	50.000	49.091	134294.28	0.2953	P	0.1	-1.8
5	☐	100.000	99.040	267681.90	0.5952	P	0.8	-1.0
6	☐	200.000	200.709	540369.32	1.2057	P	0.4	0.4

y = 0.0060 * x + 4.9621E-004
R = 1.0000
DL = 0.03684 ug/l
BEC = 0.08264 ug/l

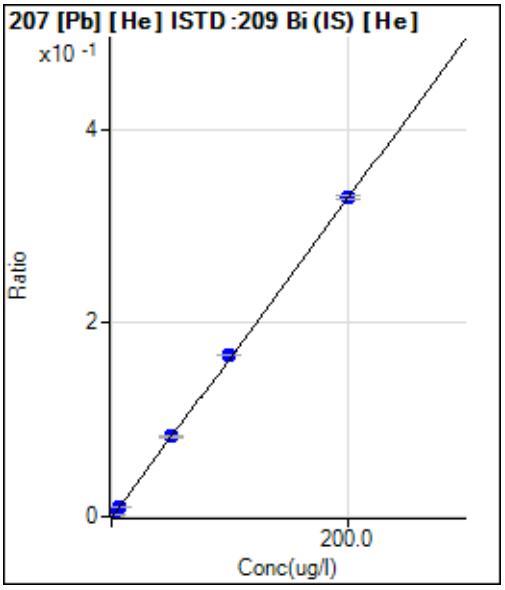
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	194.45	0.0004	P	15.1	
2	☐	1.200	1.219	1241.18	0.0027	P	1.3	1.6
3	☐	6.000	6.100	5364.53	0.0119	P	0.3	1.7
4	☐	50.000	49.529	42482.33	0.0934	P	1.4	-0.9
5	☐	100.000	100.229	84813.10	0.1886	P	0.7	0.2
6	☐	200.000	200.000	168455.78	0.3759	P	0.9	0.0

y = 0.0019 * x + 4.2955E-004
R = 1.0000
DL = 0.1034 ug/l
BEC = 0.2288 ug/l

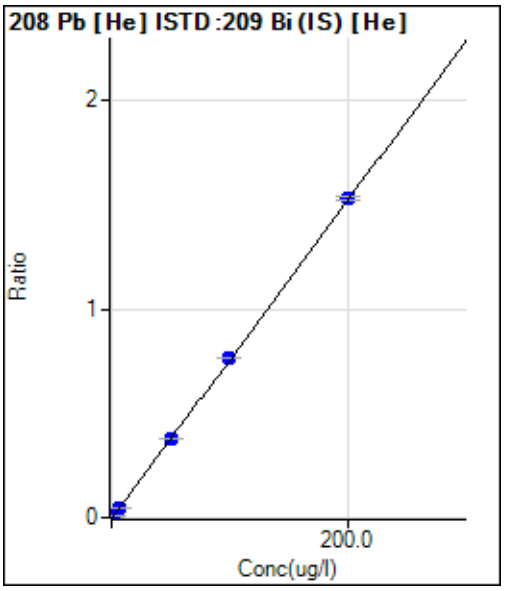
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	147.78	0.0003	P	17.1	
2	☐	1.200	1.296	1126.73	0.0025	P	2.5	8.0
3	☐	6.000	6.182	4757.61	0.0105	P	2.2	3.0
4	☐	50.000	49.792	37560.95	0.0826	P	1.4	-0.4
5	☐	100.000	100.843	75071.42	0.1669	P	0.6	0.8
6	☐	200.000	199.625	147951.50	0.3301	P	1.6	-0.2

y = 0.0017 * x + 3.2659E-004
R = 1.0000
DL = 0.1011 ug/l
BEC = 0.1977 ug/l

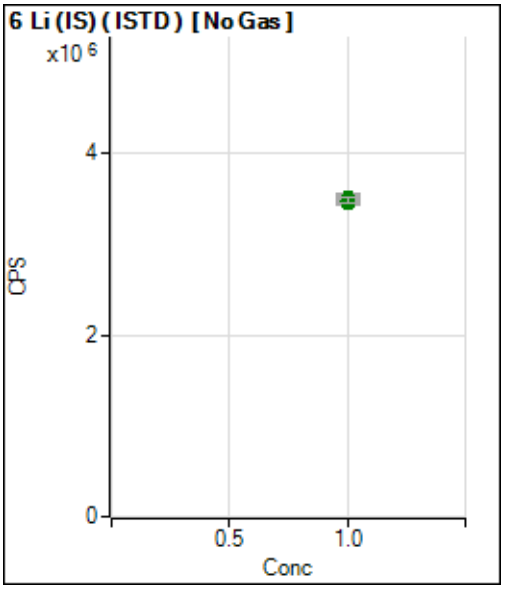
Weight: <None>
Min Conc: <None>



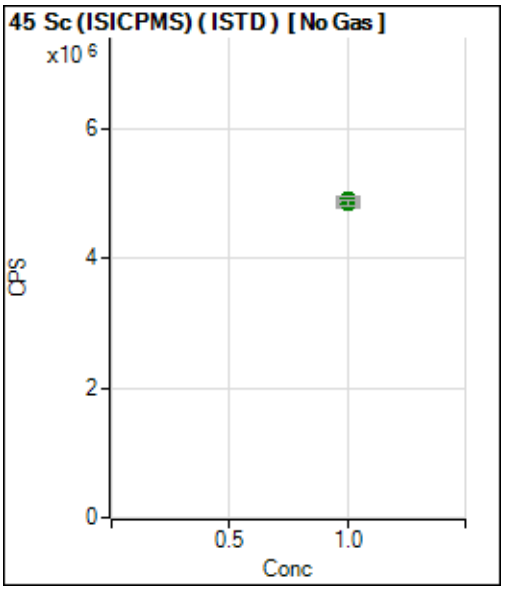
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	754.46	0.0017	P	5.0	
2	☐	1.200	1.245	5104.90	0.0112	P	0.8	3.7
3	☐	6.000	6.107	21831.04	0.0484	P	1.2	1.8
4	☐	50.000	49.561	173087.78	0.3806	P	1.0	-0.9
5	☐	100.000	99.660	343406.39	0.7636	P	0.4	-0.3
6	☐	200.000	200.276	686940.76	1.5328	P	1.0	0.1

y = 0.0076 * x + 0.0017
R = 1.0000
DL = 0.03289 ug/l
BEC = 0.2181 ug/l

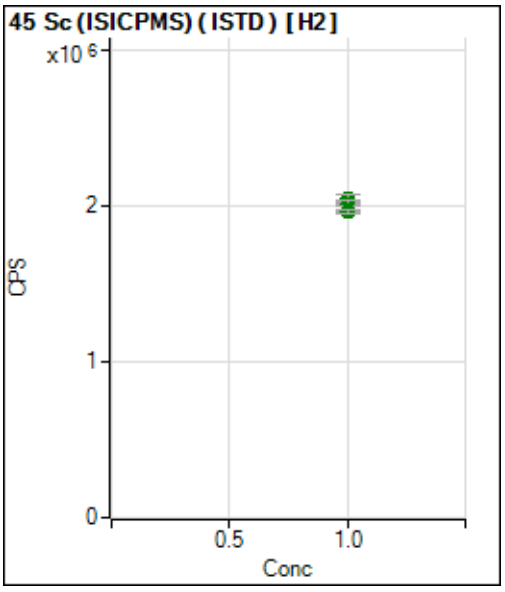
Weight: <None>
Min Conc: <None>



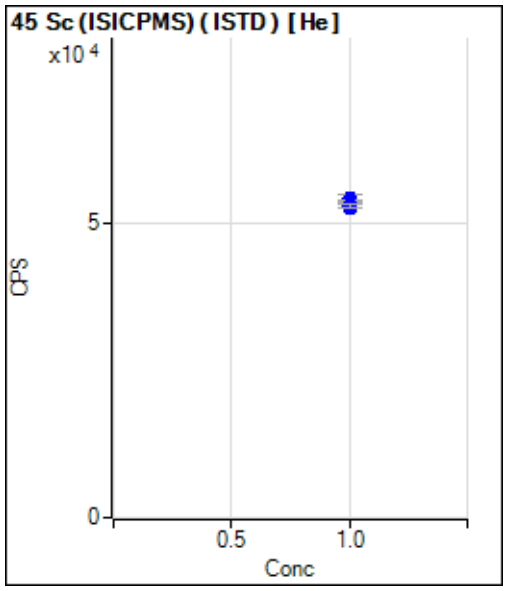
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		3518323.28		A	2.5	
2	☐	1.000		3496013.11		A	2.1	
3	☐	1.000		3490552.52		A	1.1	
4	☐	1.000		3495359.05		A	1.6	
5	☐	1.000		3464297.14		A	2.3	
6	☐	1.000		3480200.29		A	1.8	



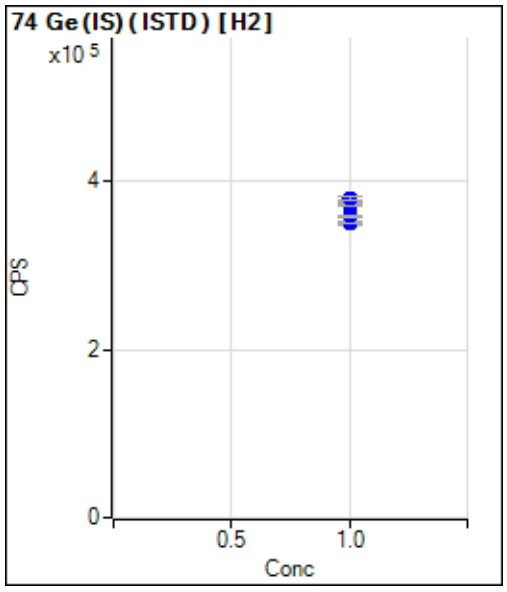
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		4831049.16		A	2.1	
2	☐	1.000		4890135.28		A	1.5	
3	☐	1.000		4852127.89		A	1.8	
4	☐	1.000		4929044.91		A	1.4	
5	☐	1.000		4827921.39		A	1.4	
6	☐	1.000		4850149.67		A	1.8	



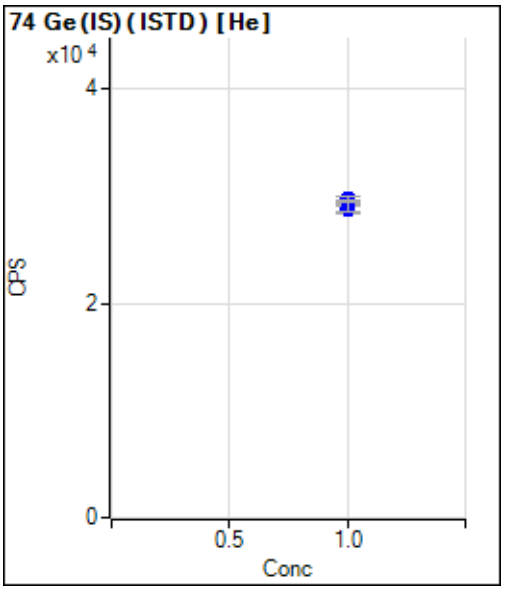
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2017216.15		A	0.2	
2	☐	1.000		2008639.05		A	3.6	
3	☐	1.000		2052385.27		A	2.8	
4	☐	1.000		2019410.67		A	2.1	
5	☐	1.000		1984270.25		A	1.3	
6	☐	1.000		1965452.23		A	0.8	



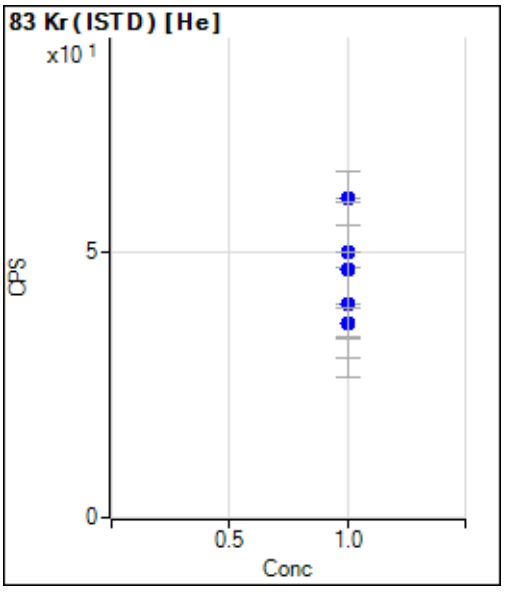
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		53810.15		P	0.4	
2	☐	1.000		53520.18		P	1.0	
3	☐	1.000		54315.42		P	1.9	
4	☐	1.000		53895.04		P	1.0	
5	☐	1.000		52743.96		P	0.2	
6	☐	1.000		53048.37		P	1.2	



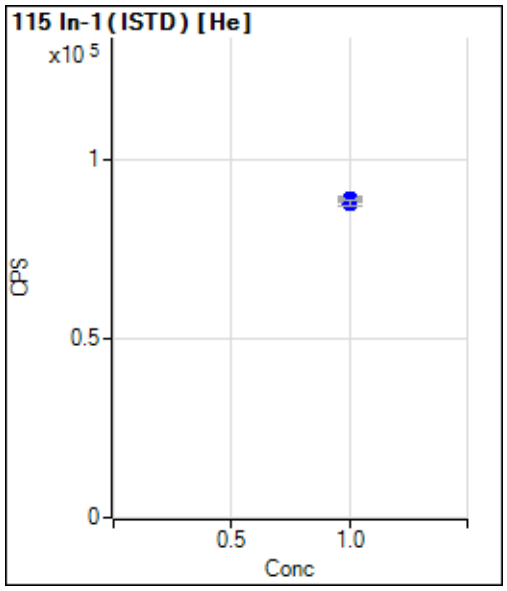
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		349485.73		P	0.7	
2	☐	1.000		351629.81		P	0.9	
3	☐	1.000		358687.83		P	0.8	
4	☐	1.000		372698.74		P	0.8	
5	☐	1.000		371513.32		P	0.9	
6	☐	1.000		379578.48		P	1.4	



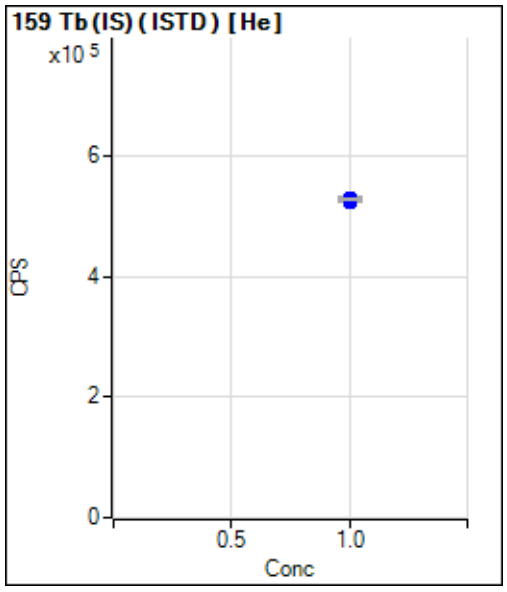
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		28870.10		P	2.3	
2	☐	1.000		28722.94		P	2.6	
3	☐	1.000		28990.20		P	2.8	
4	☐	1.000		29813.01		P	1.6	
5	☐	1.000		29823.05		P	1.3	
6	☐	1.000		28950.13		P	3.2	



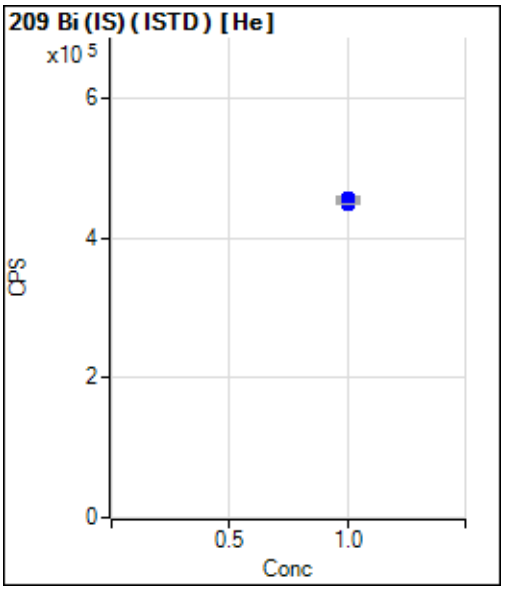
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		50.05		P	40.0	
2	☐	1.000		60.06		P	16.7	
3	☐	1.000		36.70		P	56.8	
4	☐	1.000		40.04		P	50.0	
5	☐	1.000		46.71		P	53.9	
6	☐	1.000		36.70		P	15.7	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		89074.91		P	0.8	
2	☐	1.000		88635.41		P	0.5	
3	☐	1.000		88914.62		P	1.5	
4	☐	1.000		88909.66		P	0.4	
5	☐	1.000		88773.61		P	0.9	
6	☐	1.000		87685.70		P	1.7	



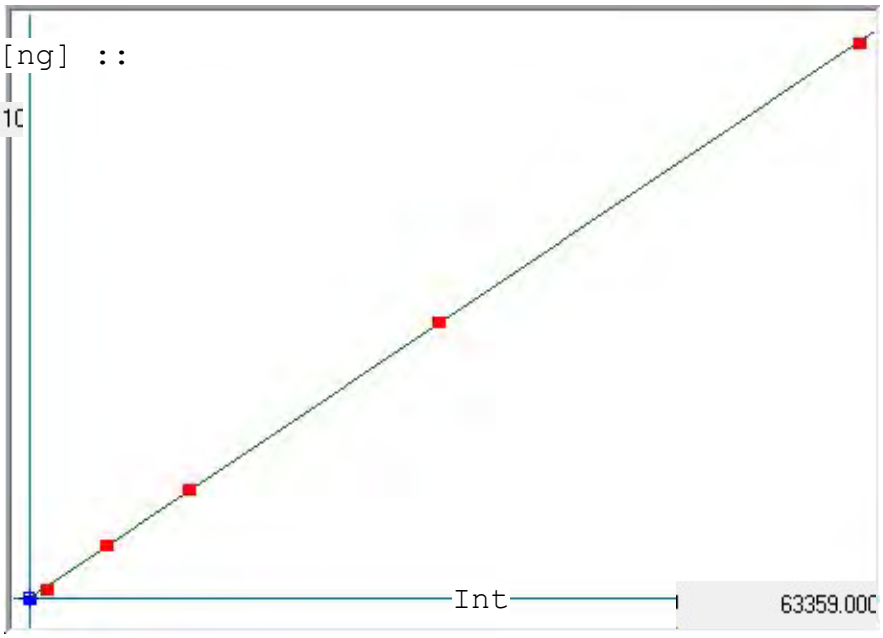
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		527200.91		P	1.6	
2	☐	1.000		527608.72		P	1.0	
3	☐	1.000		525393.23		P	0.7	
4	☐	1.000		530851.75		P	1.3	
5	☐	1.000		529682.22		P	1.0	
6	☐	1.000		529253.19		P	0.8	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		452526.51		P	0.6	
2	☐	1.000		456527.91		P	0.9	
3	☐	1.000		451506.99		P	1.1	
4	☐	1.000		454810.66		P	0.2	
5	☐	1.000		449746.28		P	0.8	
6	☐	1.000		448173.41		P	0.5	

245_7470A

Linear



A= 0.0000e+000

B= 1.5784e-004

C= 2.5819e-002

Rho= 0.9999541

Accept= Accepted

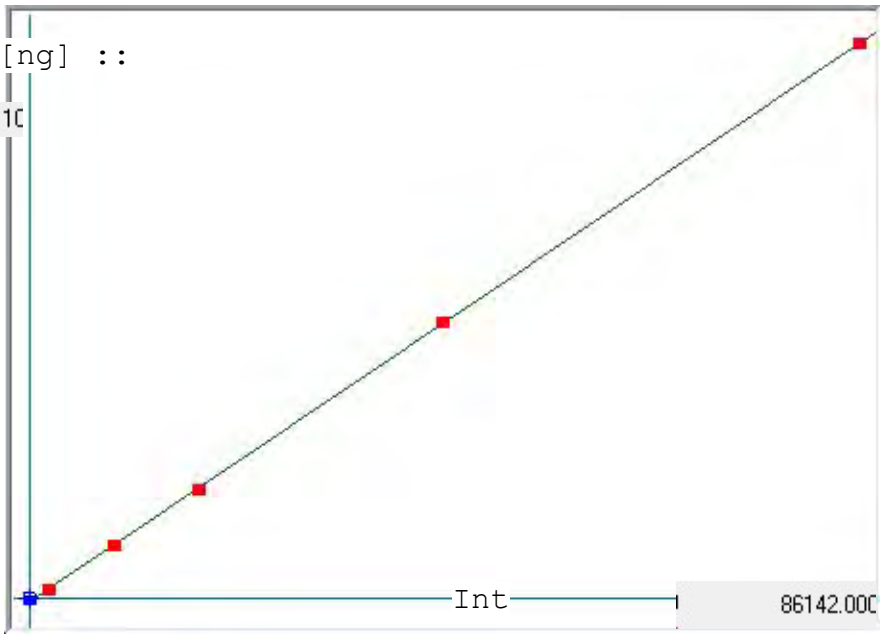
Accepted Date=

04/11/22 13:25

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
Cal Blank	0.000	0.037	0.037	71	0.000	71				
0.2 ug/L	0.200	0.237	0.037	1337	0.0 %	1337				
1.0 ug/L	1.000	0.974	-0.026	6005	0.0 %	6005				
2.0 ug/L	2.000	1.961	-0.039	12259	0.0 %	12259				
5.0 ug/L	5.000	4.965	-0.035	31294	0.0 %	31294				
10.0 ug/L	10.000	10.026	0.026	63359	0.0 %	63359				

7471B

Linear



A= 0.0000e+000

B= 1.1660e-004

C= -3.6078e-002

Rho= 0.9999815

Accept= Accepted

Accepted Date=

04/07/22 06:47

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
Cal Blank	0.000	-0.024	-0.024	100	0.000	100				
0.2 ug/L	0.200	0.208	0.008	2096	0.0 %	2096				
1.0 ug/L	1.000	1.008	0.008	8957	0.0 %	8957				
2.0 ug/L	2.000	2.031	0.031	17728	0.0 %	17728				
5.0 ug/L	5.000	4.968	-0.032	42919	0.0 %	42919				
10.0 ug/L	10.000	10.008	0.008	86142	0.0 %	86142				

9-IN
DETECTION LIMITS
METALS

Lab Name: Eurofins Edison Job Number: 460-255715-1

SDG Number:

Matrix: Solid Instrument ID: ICPMS4

Method: 6020B MDL Date: 03/10/2022 00:00

Prep Method: 3050B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Aluminum		20	5.49
Antimony		1	0.146
Arsenic		1	0.103
Barium		2	0.145
Beryllium		0.4	0.057
Cadmium		1	0.113
Calcium		100	17.7
Chromium		2	0.908
Cobalt		2	0.148
Copper		2	0.368
Iron		60	20.2
Lead		0.6	0.2
Magnesium		100	10.2
Manganese		4	0.403
Nickel		2	0.47
Potassium		100	16.2
Selenium		1.25	0.128
Silver		1	0.089
Sodium		100	45.7
Thallium		0.4	0.041
Vanadium		2	0.206
Zinc		8	3.05

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: Eurofins Edison Job Number: 460-255715-1

SDG Number:

Matrix: Solid Instrument ID: ICPMS4

Method: 6020B XMDL Date: 03/10/2022 00:00

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum		200	54.9
Antimony		10	1.46
Arsenic		10	1.03
Barium		20	1.45
Beryllium		4	0.57
Cadmium		10	1.13
Calcium		1000	177
Chromium		20	9.07
Cobalt		20	1.48
Copper		20	3.68
Iron		600	202
Lead		6	2
Magnesium		1000	102
Manganese		40	4.03
Nickel		20	4.7
Potassium		1000	162
Selenium		12.5	1.28
Silver		10	0.89
Sodium		1000	457
Thallium		4	0.41
Vanadium		20	2.06
Zinc		80	30.5

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: Eurofins Edison Job Number: 460-255715-1

SDG Number:

Matrix: Solid Instrument ID: ICPMS4

Method: 6020B MDL Date: 03/09/2022 00:00

Prep Method: 3010A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Arsenic		2	0.887
Barium		4	0.913
Cadmium		2	0.386
Chromium		4	2.5
Lead		1.2	0.844
Selenium		2.5	0.589
Silver		2	0.29

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: Eurofins Edison Job Number: 460-255715-1

SDG Number:

Matrix: Solid Instrument ID: ICPMS4

Method: 6020B XMDL Date: 03/09/2022 00:00

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Arsenic		2	0.887
Barium		4	0.913
Cadmium		2	0.386
Chromium		4	2.5
Lead		1.2	0.844
Selenium		2.5	0.589
Silver		2	0.29

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: Eurofins Edison Job Number: 460-255715-1

SDG Number:

Matrix: Solid Instrument ID: LEEMAN6

Method: 7470A MDL Date: 01/13/2020 12:28

Prep Method: 7470A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.091

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: Eurofins Edison Job Number: 460-255715-1

SDG Number:

Matrix: Solid Instrument ID: LEEMAN6

Method: 7470A XMDL Date: 01/13/2020 12:29

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.091

9-IN
DETECTION LIMITS
METALS

Lab Name: Eurofins Edison Job Number: 460-255715-1

SDG Number:

Matrix: Solid Instrument ID: LEEMAN6

Method: 7471B MDL Date: 09/10/2021 00:00

Prep Method: 7471B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Mercury		0.017	0.008

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: Eurofins Edison Job Number: 460-255715-1

SDG Number:

Matrix: Solid Instrument ID: LEEMAN6

Method: 7471B XMDL Date: 01/13/2020 12:26

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.091

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins Edison Job No: 460-255715-1

SDG No.:

Instrument ID: ICPMS4 Date: 07/09/2020 16:09

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Silver		100	6020B
Aluminum		200000	6020B
Arsenic		5000	6020B
Barium		20000	6020B
Beryllium		2000	6020B
Calcium		500000	6020B
Cadmium		5000	6020B
Cobalt		2000	6020B
Chromium		20000	6020B
Copper		20000	6020B
Iron		500000	6020B
Potassium		500000	6020B
Magnesium		500000	6020B
Manganese		10000	6020B
Sodium		500000	6020B
Nickel		20000	6020B
Lead		20000	6020B
Antimony		200	6020B
Selenium		2000	6020B
Thallium		1000	6020B
Vanadium		5000	6020B
Zinc		20000	6020B

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-838203/1-A	04/08/2022 19:50	838203	1.00		100
LCSSRM 460-838203/2-A ^5	04/08/2022 19:50	838203	1.09		100
460-254625-B-1-B DU	04/08/2022 19:50	838203	1.30		100
460-254625-B-1-C MS	04/08/2022 19:50	838203	1.33		100
460-255715-16	04/08/2022 19:50	838203	1.24		100
460-255715-17	04/08/2022 19:50	838203	1.26		100
460-255715-18	04/08/2022 19:50	838203	1.33		100

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-838313/1-A	04/09/2022 17:55	838313		50	50
LCS 460-838313/2-A ^10	04/09/2022 17:55	838313		50	50
460-255713-A-7-F DU ^10	04/09/2022 17:55	838313		50	50
460-255713-A-7-G MS ^10	04/09/2022 17:55	838313		50	50
460-255715-16	04/09/2022 17:55	838313		50	50
460-255715-17	04/09/2022 17:55	838313		50	50
LB 460-838170/1-B ^10	04/09/2022 17:55	838313		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-838423/1-A	04/10/2022 17:25	838423		50	50
LCS 460-838423/2-A ^10	04/10/2022 17:25	838423		50	50
460-255749-F-1-G DU ^10	04/10/2022 17:25	838423		50	50
460-255749-F-1-H MS ^10	04/10/2022 17:25	838423		50	50
460-255715-18	04/10/2022 17:25	838423		50	50
LB 460-838311/1-B ^10	04/10/2022 17:25	838423		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Prep Method: 7471B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-837778/1-A	04/07/2022 04:03	837778	0.60		50
LCSSRM 460-837778/2-A ^40	04/07/2022 04:03	837778	0.60		50
460-255183-B-2-C DU	04/07/2022 04:03	837778	0.63		50
460-255183-B-2-D MS	04/07/2022 04:03	837778	0.63		50
460-255715-16	04/07/2022 04:03	837778	0.61		50
460-255715-17	04/07/2022 04:03	837778	0.62		50
460-255715-18	04/07/2022 04:03	837778	0.60		50

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-838522/1-A	04/11/2022 13:32	838522		30	30
LCS 460-838522/2-A	04/11/2022 13:32	838522		30	30
460-255598-E-1-J DU	04/11/2022 13:32	838522		30	30
460-255598-E-1-K MS	04/11/2022 13:32	838522		30	30
460-255715-16	04/11/2022 13:32	838522		30	30
460-255715-17	04/11/2022 13:32	838522		30	30
460-255715-18	04/11/2022 13:32	838522		30	30
LB 460-838311/1-D	04/11/2022 13:32	838522		30	30

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 04/10/2022 09:08 End Date: 04/10/2022 17:55

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
IC 460-838367/1	1		09:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
IC 460-838367/2	1		09:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
IC 460-838367/3	1		09:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
IC 460-838367/4	1		09:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
IC 460-838367/5	1		09:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
IC 460-838367/6	1		09:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICV 460-838367/7	1		09:22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-838367/8	1		09:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 460-838367/9			09:26																				
ICSA 460-838367/10	1		09:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-838367/11	1		09:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LRC 460-838367/12	1		09:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LRC 460-838367/13	1		09:39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-838367/14	1		09:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-838367/15	1		09:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			10:07																				
ZZZZZZ			10:10																				
MB 460-838203/1-A	1	T	10:12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCSSRM 460-838203/2-A ^5	5	T	10:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			10:16																				
ZZZZZZ			10:19																				
ZZZZZZ			10:21																				
ZZZZZZ			10:23																				
ZZZZZZ			10:26																				
ZZZZZZ			10:28																				
CCV 460-838367/26	1		10:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-838367/27	1		10:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			10:35																				
ZZZZZZ			10:37																				
ZZZZZZ			10:40																				
ZZZZZZ			10:42																				
ZZZZZZ			10:44																				
ZZZZZZ			10:47																				
ZZZZZZ			10:49																				
ZZZZZZ			10:51																				
ZZZZZZ			10:54																				
ZZZZZZ			10:56																				
CCV 460-838367/38			10:58																				
CCB 460-838367/39			11:01																				
ZZZZZZ			11:03																				
ZZZZZZ			11:05																				
ZZZZZZ			11:08																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 04/10/2022 09:08 End Date: 04/10/2022 17:55

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			11:10																				
ZZZZZZ			11:12																				
ZZZZZZ			11:15																				
ZZZZZZ			11:17																				
ZZZZZZ			11:21																				
ZZZZZZ			11:24																				
ZZZZZZ			11:28																				
CCV 460-838367/50			11:32																				
CCB 460-838367/51			11:34																				
ZZZZZZ			11:37																				
ZZZZZZ			11:39																				
ZZZZZZ			11:41																				
ZZZZZZ			11:44																				
ZZZZZZ			11:46																				
ZZZZZZ			11:48																				
ZZZZZZ			11:51																				
ZZZZZZ			11:56																				
ZZZZZZ			11:58																				
ZZZZZZ			12:01																				
CCV 460-838367/62			12:03																				
CCB 460-838367/63			12:05																				
ZZZZZZ			12:07																				
ZZZZZZ			12:10																				
ZZZZZZ			12:12																				
ZZZZZZ			12:14																				
ZZZZZZ			12:17																				
ZZZZZZ			12:19																				
ZZZZZZ			12:21																				
ZZZZZZ			12:23																				
ZZZZZZ			12:26																				
ZZZZZZ			12:28																				
CCV 460-838367/74			12:30																				
CCB 460-838367/75			12:33																				
ZZZZZZ			12:35																				
ZZZZZZ			12:37																				
ZZZZZZ			12:40																				
ZZZZZZ			12:42																				
ZZZZZZ			12:44																				
ZZZZZZ			12:46																				
ZZZZZZ			12:49																				
ZZZZZZ			12:51																				
ZZZZZZ			12:53																				
ZZZZZZ			12:56																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 04/10/2022 09:08 End Date: 04/10/2022 17:55

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
CCV 460-838367/86			12:58																				
CCB 460-838367/87			13:00																				
CCV 460-838367/88	1		13:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-838367/89	1		13:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			13:41																				
ZZZZZZ			13:43																				
ZZZZZZ			13:45																				
ZZZZZZ			13:48																				
ZZZZZZ			13:50																				
460-254625-B-1-A PDS	1	T	13:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-254625-B-1-C MS	1	T	13:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-254625-B-1-B DU	1	T	13:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			13:59																				
460-254625-B-1-A SD	5	T	14:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-838367/100	1		14:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-838367/101	1		14:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			14:08																				
ZZZZZZ			14:11																				
ZZZZZZ			14:13																				
ZZZZZZ			14:15																				
ZZZZZZ			14:18																				
460-255715-16	1	T	14:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-255715-17	1	T	14:22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-255715-18	1	T	14:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			14:27																				
CCV 460-838367/111	1		14:34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-838367/112	1		14:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			14:38																				
ZZZZZZ			14:41																				
ZZZZZZ			14:43																				
ZZZZZZ			14:45																				
ZZZZZZ			14:48																				
ZZZZZZ			14:50																				
ZZZZZZ			14:52																				
ZZZZZZ			14:55																				
ZZZZZZ			14:57																				
ZZZZZZ			14:59																				
CCV 460-838367/123			15:02																				
CCB 460-838367/124			15:04																				
ZZZZZZ			15:06																				
ZZZZZZ			15:09																				
ZZZZZZ			15:11																				
ZZZZZZ			15:13																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 04/10/2022 09:08 End Date: 04/10/2022 17:55

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			15:16																				
ZZZZZZ			15:18																				
ZZZZZZ			15:20																				
ZZZZZZ			15:22																				
ZZZZZZ			15:25																				
ZZZZZZ			15:27																				
CCV 460-838367/135			15:29																				
CCB 460-838367/136			15:32																				
ZZZZZZ			15:34																				
ZZZZZZ			15:36																				
ZZZZZZ			15:39																				
ZZZZZZ			15:41																				
ZZZZZZ			15:43																				
ZZZZZZ			15:46																				
ZZZZZZ			15:48																				
ZZZZZZ			15:50																				
ZZZZZZ			15:52																				
ZZZZZZ			15:55																				
CCV 460-838367/147			15:57																				
CCB 460-838367/148			15:59																				
ZZZZZZ			16:02																				
ZZZZZZ			16:04																				
ZZZZZZ			16:07																				
ZZZZZZ			16:09																				
ZZZZZZ			16:11																				
ZZZZZZ			16:13																				
ZZZZZZ			16:16																				
ZZZZZZ			16:18																				
ZZZZZZ			16:20																				
ZZZZZZ			16:23																				
CCV 460-838367/159			16:27																				
CCB 460-838367/160			16:30																				
ZZZZZZ			16:32																				
ZZZZZZ			16:34																				
ZZZZZZ			16:37																				
ZZZZZZ			16:39																				
ZZZZZZ			16:41																				
ZZZZZZ			16:43																				
ZZZZZZ			16:46																				
ZZZZZZ			16:48																				
ZZZZZZ			16:51																				
ZZZZZZ			16:53																				
CCV 460-838367/171	1		16:55	X		X	X			X		X								X		X	

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 04/10/2022 09:08 End Date: 04/10/2022 17:55

Lab Sample ID	D / F	Type	Time	Analytes																				
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
CCB 460-838367/172	1		16:57	X		X	X			X		X								X		X	
ZZZZZZ			17:00																				
ZZZZZZ			17:02																				
ZZZZZZ			17:04																				
ZZZZZZ			17:07																				
460-255715-16	10	P	17:09	X		X	X			X		X								X		X	
460-255715-17	10	P	17:11	X		X	X			X		X								X		X	
ZZZZZZ			17:14																				
ZZZZZZ			17:16																				
ZZZZZZ			17:18																				
ZZZZZZ			17:21																				
CCV 460-838367/183	1		17:25	X		X	X			X		X								X		X	
CCB 460-838367/184	1		17:28	X		X	X			X		X								X		X	
MB 460-838313/1-A	1	T	17:30	X		X	X			X		X								X		X	
LB 460-838170/1-B ^10	10	P	17:32	X		X	X			X		X								X		X	
ZZZZZZ			17:35																				
LCS 460-838313/2-A ^10	10	T	17:37	X		X	X			X		X								X		X	
460-255713-A-7-E PDS ^10	10		17:39	X		X	X			X		X								X		X	
460-255713-A-7-G MS ^10	10		17:42	X		X	X			X		X								X		X	
460-255713-A-7-F DU ^10	10		17:44	X		X	X			X		X								X		X	
ZZZZZZ			17:46																				
ZZZZZZ			17:48																				
460-255713-A-7-E SD ^50	50		17:51	X		X	X			X		X								X		X	
CCV 460-838367/195	1		17:53	X		X	X			X		X								X		X	
CCB 460-838367/196	1		17:55	X		X	X			X		X								X		X	

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 04/10/2022 09:08 End Date: 04/10/2022 17:55

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
IC 460-838367/1	1		09:08	X	X																		
IC 460-838367/2	1		09:10	X	X																		
IC 460-838367/3	1		09:13	X	X																		
IC 460-838367/4	1		09:15	X	X																		
IC 460-838367/5	1		09:17	X	X																		
IC 460-838367/6	1		09:19	X	X																		
ICV 460-838367/7	1		09:22	X	X																		
ICB 460-838367/8	1		09:24	X	X																		
CRI 460-838367/9			09:26																				
ICSA 460-838367/10	1		09:29	X	X																		
ICSAB 460-838367/11	1		09:31	X	X																		
LRC 460-838367/12	1		09:33	X	X																		
LRC 460-838367/13	1		09:39	X	X																		
CCV 460-838367/14	1		09:49	X	X																		
CCB 460-838367/15	1		09:51	X	X																		
ZZZZZZ			10:07																				
ZZZZZZ			10:10																				
MB 460-838203/1-A	1	T	10:12	X	X																		
LCSSRM 460-838203/2-A ^5	5	T	10:14	X	X																		
ZZZZZZ			10:16																				
ZZZZZZ			10:19																				
ZZZZZZ			10:21																				
ZZZZZZ			10:23																				
ZZZZZZ			10:26																				
ZZZZZZ			10:28																				
CCV 460-838367/26	1		10:30	X	X																		
CCB 460-838367/27	1		10:33	X	X																		
ZZZZZZ			10:35																				
ZZZZZZ			10:37																				
ZZZZZZ			10:40																				
ZZZZZZ			10:42																				
ZZZZZZ			10:44																				
ZZZZZZ			10:47																				
ZZZZZZ			10:49																				
ZZZZZZ			10:51																				
ZZZZZZ			10:54																				
ZZZZZZ			10:56																				
CCV 460-838367/38			10:58																				
CCB 460-838367/39			11:01																				
ZZZZZZ			11:03																				
ZZZZZZ			11:05																				
ZZZZZZ			11:08																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 04/10/2022 09:08 End Date: 04/10/2022 17:55

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			11:10																				
ZZZZZZ			11:12																				
ZZZZZZ			11:15																				
ZZZZZZ			11:17																				
ZZZZZZ			11:21																				
ZZZZZZ			11:24																				
ZZZZZZ			11:28																				
CCV 460-838367/50			11:32																				
CCB 460-838367/51			11:34																				
ZZZZZZ			11:37																				
ZZZZZZ			11:39																				
ZZZZZZ			11:41																				
ZZZZZZ			11:44																				
ZZZZZZ			11:46																				
ZZZZZZ			11:48																				
ZZZZZZ			11:51																				
ZZZZZZ			11:56																				
ZZZZZZ			11:58																				
ZZZZZZ			12:01																				
CCV 460-838367/62			12:03																				
CCB 460-838367/63			12:05																				
ZZZZZZ			12:07																				
ZZZZZZ			12:10																				
ZZZZZZ			12:12																				
ZZZZZZ			12:14																				
ZZZZZZ			12:17																				
ZZZZZZ			12:19																				
ZZZZZZ			12:21																				
ZZZZZZ			12:23																				
ZZZZZZ			12:26																				
ZZZZZZ			12:28																				
CCV 460-838367/74			12:30																				
CCB 460-838367/75			12:33																				
ZZZZZZ			12:35																				
ZZZZZZ			12:37																				
ZZZZZZ			12:40																				
ZZZZZZ			12:42																				
ZZZZZZ			12:44																				
ZZZZZZ			12:46																				
ZZZZZZ			12:49																				
ZZZZZZ			12:51																				
ZZZZZZ			12:53																				
ZZZZZZ			12:56																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 04/10/2022 09:08 End Date: 04/10/2022 17:55

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
CCV 460-838367/86			12:58																				
CCB 460-838367/87			13:00																				
CCV 460-838367/88	1		13:36	X	X																		
CCB 460-838367/89	1		13:38	X	X																		
ZZZZZZ			13:41																				
ZZZZZZ			13:43																				
ZZZZZZ			13:45																				
ZZZZZZ			13:48																				
ZZZZZZ			13:50																				
460-254625-B-1-A PDS	1	T	13:52	X	X																		
460-254625-B-1-C MS	1	T	13:55	X	X																		
460-254625-B-1-B DU	1	T	13:57	X	X																		
ZZZZZZ			13:59																				
460-254625-B-1-A SD	5	T	14:02	X	X																		
CCV 460-838367/100	1		14:04	X	X																		
CCB 460-838367/101	1		14:06	X	X																		
ZZZZZZ			14:08																				
ZZZZZZ			14:11																				
ZZZZZZ			14:13																				
ZZZZZZ			14:15																				
ZZZZZZ			14:18																				
460-255715-16	1	T	14:20	X	X																		
460-255715-17	1	T	14:22	X	X																		
460-255715-18	1	T	14:25	X	X																		
ZZZZZZ			14:27																				
CCV 460-838367/111	1		14:34	X	X																		
CCB 460-838367/112	1		14:36	X	X																		
ZZZZZZ			14:38																				
ZZZZZZ			14:41																				
ZZZZZZ			14:43																				
ZZZZZZ			14:45																				
ZZZZZZ			14:48																				
ZZZZZZ			14:50																				
ZZZZZZ			14:52																				
ZZZZZZ			14:55																				
ZZZZZZ			14:57																				
ZZZZZZ			14:59																				
CCV 460-838367/123			15:02																				
CCB 460-838367/124			15:04																				
ZZZZZZ			15:06																				
ZZZZZZ			15:09																				
ZZZZZZ			15:11																				
ZZZZZZ			15:13																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 04/10/2022 09:08 End Date: 04/10/2022 17:55

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			15:16																				
ZZZZZZ			15:18																				
ZZZZZZ			15:20																				
ZZZZZZ			15:22																				
ZZZZZZ			15:25																				
ZZZZZZ			15:27																				
CCV 460-838367/135			15:29																				
CCB 460-838367/136			15:32																				
ZZZZZZ			15:34																				
ZZZZZZ			15:36																				
ZZZZZZ			15:39																				
ZZZZZZ			15:41																				
ZZZZZZ			15:43																				
ZZZZZZ			15:46																				
ZZZZZZ			15:48																				
ZZZZZZ			15:50																				
ZZZZZZ			15:52																				
ZZZZZZ			15:55																				
CCV 460-838367/147			15:57																				
CCB 460-838367/148			15:59																				
ZZZZZZ			16:02																				
ZZZZZZ			16:04																				
ZZZZZZ			16:07																				
ZZZZZZ			16:09																				
ZZZZZZ			16:11																				
ZZZZZZ			16:13																				
ZZZZZZ			16:16																				
ZZZZZZ			16:18																				
ZZZZZZ			16:20																				
ZZZZZZ			16:23																				
CCV 460-838367/159			16:27																				
CCB 460-838367/160			16:30																				
ZZZZZZ			16:32																				
ZZZZZZ			16:34																				
ZZZZZZ			16:37																				
ZZZZZZ			16:39																				
ZZZZZZ			16:41																				
ZZZZZZ			16:43																				
ZZZZZZ			16:46																				
ZZZZZZ			16:48																				
ZZZZZZ			16:51																				
ZZZZZZ			16:53																				
CCV 460-838367/171	1		16:55																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 04/10/2022 09:08 End Date: 04/10/2022 17:55

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
CCB 460-838367/172	1		16:57																				
ZZZZZZ			17:00																				
ZZZZZZ			17:02																				
ZZZZZZ			17:04																				
ZZZZZZ			17:07																				
460-255715-16	10	P	17:09																				
460-255715-17	10	P	17:11																				
ZZZZZZ			17:14																				
ZZZZZZ			17:16																				
ZZZZZZ			17:18																				
ZZZZZZ			17:21																				
CCV 460-838367/183	1		17:25																				
CCB 460-838367/184	1		17:28																				
MB 460-838313/1-A	1	T	17:30																				
LB 460-838170/1-B ^10	10	P	17:32																				
ZZZZZZ			17:35																				
LCS 460-838313/2-A ^10	10	T	17:37																				
460-255713-A-7-E PDS ^10	10		17:39																				
460-255713-A-7-G MS ^10	10		17:42																				
460-255713-A-7-F DU ^10	10		17:44																				
ZZZZZZ			17:46																				
ZZZZZZ			17:48																				
460-255713-A-7-E SD ^50	50		17:51																				
CCV 460-838367/195	1		17:53																				
CCB 460-838367/196	1		17:55																				

Prep Types

= TCLP

P = TCLP

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 04/11/2022 09:25 End Date: 04/11/2022 18:07

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
IC 460-838499/1	1		09:25	X	X	X	X	X	X	X													
IC 460-838499/2	1		09:28	X	X	X	X	X	X	X													
IC 460-838499/3	1		09:30	X	X	X	X	X	X	X													
IC 460-838499/4	1		09:33	X	X	X	X	X	X	X													
IC 460-838499/5	1		09:35	X	X	X	X	X	X	X													
IC 460-838499/6	1		09:38	X	X	X	X	X	X	X													
ICV 460-838499/7	1		09:40	X	X	X	X	X	X	X													
ICB 460-838499/8	1		09:43	X	X	X	X	X	X	X													
CRI 460-838499/9			09:45																				
ICSA 460-838499/10	1		09:48	X	X	X	X	X	X	X													
ICSAB 460-838499/11	1		09:50	X	X	X	X	X	X	X													
LRC 460-838499/12	1		09:53	X	X	X	X	X	X	X													
LRC 460-838499/13	1		09:55	X	X	X	X	X	X	X													
CCV 460-838499/14	1		10:07	X	X	X	X	X	X	X													
CCB 460-838499/15	1		10:10	X	X	X	X	X	X	X													
ZZZZZZ			10:20																				
ZZZZZZ			10:22																				
ZZZZZZ			10:25																				
ZZZZZZ			10:27																				
ZZZZZZ			10:30																				
ZZZZZZ			10:32																				
ZZZZZZ			10:35																				
ZZZZZZ			10:40																				
ZZZZZZ			10:42																				
ZZZZZZ			10:44																				
CCV 460-838499/26			10:47																				
CCB 460-838499/27			10:49																				
ZZZZZZ			10:52																				
ZZZZZZ			10:54																				
ZZZZZZ			10:57																				
ZZZZZZ			10:59																				
ZZZZZZ			11:01																				
ZZZZZZ			11:04																				
ZZZZZZ			11:06																				
ZZZZZZ			11:09																				
ZZZZZZ			11:11																				
ZZZZZZ			11:14																				
CCV 460-838499/38			11:24																				
CCB 460-838499/39			11:26																				
ZZZZZZ			11:29																				
ZZZZZZ			11:31																				
ZZZZZZ			11:33																				
ZZZZZZ			11:36																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 04/11/2022 09:25 End Date: 04/11/2022 18:07

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			11:38																				
ZZZZZZ			11:41																				
ZZZZZZ			11:43																				
ZZZZZZ			11:46																				
ZZZZZZ			11:48																				
ZZZZZZ			11:50																				
CCV 460-838499/50			11:53																				
CCB 460-838499/51			11:55																				
ZZZZZZ			11:58																				
ZZZZZZ			12:00																				
ZZZZZZ			12:03																				
ZZZZZZ			12:05																				
ZZZZZZ			12:08																				
ZZZZZZ			12:14																				
ZZZZZZ			12:17																				
ZZZZZZ			12:19																				
ZZZZZZ			12:22																				
ZZZZZZ			12:24																				
CCV 460-838499/62			12:27																				
CCB 460-838499/63			12:29																				
ZZZZZZ			12:41																				
ZZZZZZ			12:44																				
ZZZZZZ			12:46																				
ZZZZZZ			12:49																				
ZZZZZZ			12:51																				
ZZZZZZ			12:54																				
ZZZZZZ			12:56																				
ZZZZZZ			12:59																				
ZZZZZZ			13:01																				
ZZZZZZ			13:04																				
ZZZZZZ			13:06																				
CCV 460-838499/75			13:09																				
CCB 460-838499/76			13:11																				
ZZZZZZ			13:13																				
ZZZZZZ			13:16																				
ZZZZZZ			13:18																				
ZZZZZZ			13:21																				
ZZZZZZ			13:23																				
ZZZZZZ			13:26																				
ZZZZZZ			13:28																				
ZZZZZZ			13:31																				
ZZZZZZ			13:33																				
ZZZZZZ			13:35																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 04/11/2022 09:25 End Date: 04/11/2022 18:07

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
CCV 460-838499/87			13:38																				
CCB 460-838499/88			13:40																				
ZZZZZZ			13:43																				
ZZZZZZ			13:45																				
ZZZZZZ			13:48																				
ZZZZZZ			13:50																				
ZZZZZZ			13:53																				
ZZZZZZ			13:55																				
ZZZZZZ			13:58																				
ZZZZZZ			14:00																				
ZZZZZZ			14:03																				
ZZZZZZ			14:05																				
CCV 460-838499/99	1		14:07	X	X	X	X	X	X	X													
CCB 460-838499/100	1		14:10	X	X	X	X	X	X	X													
MB 460-838423/1-A	1	T	14:12	X	X	X	X	X	X	X													
LB 460-838311/1-B ^10	10	P	14:15	X	X	X	X	X	X	X													
LCS 460-838423/2-A ^10	10	T	14:17	X	X	X	X	X	X	X													
460-255749-F-1-F PDS ^10	10	P	14:20	X	X	X	X	X	X	X													
460-255749-F-1-H MS ^10	10	P	14:22	X	X	X	X	X	X	X													
460-255749-F-1-G DU ^10	10	P	14:24	X	X	X	X	X	X	X													
ZZZZZZ			14:27																				
460-255749-F-1-F SD ^50	50	P	14:29	X	X	X	X	X	X	X													
ZZZZZZ			14:32																				
460-255715-18	10	P	14:34	X	X	X	X	X	X	X													
CCV 460-838499/111	1		14:37	X	X	X	X	X	X	X													
CCB 460-838499/112	1		14:39	X	X	X	X	X	X	X													
ZZZZZZ			14:42																				
ZZZZZZ			14:44																				
ZZZZZZ			14:46																				
ZZZZZZ			14:49																				
ZZZZZZ			14:51																				
ZZZZZZ			14:54																				
ZZZZZZ			14:56																				
ZZZZZZ			14:59																				
ZZZZZZ			15:01																				
ZZZZZZ			15:04																				
CCV 460-838499/123			15:06																				
CCB 460-838499/124			15:09																				
ZZZZZZ			15:11																				
ZZZZZZ			15:13																				
ZZZZZZ			15:16																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 04/11/2022 09:25 End Date: 04/11/2022 18:07

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			15:18																				
ZZZZZZ			15:21																				
ZZZZZZ			15:23																				
ZZZZZZ			15:25																				
ZZZZZZ			15:28																				
ZZZZZZ			15:30																				
ZZZZZZ			15:34																				
CCV 460-838499/135			15:37																				
CCB 460-838499/136			15:39																				
ZZZZZZ			15:41																				
ZZZZZZ			15:44																				
ZZZZZZ			15:46																				
ZZZZZZ			15:49																				
ZZZZZZ			15:51																				
ZZZZZZ			15:54																				
ZZZZZZ			15:56																				
ZZZZZZ			15:59																				
ZZZZZZ			16:01																				
ZZZZZZ			16:04																				
CCV 460-838499/147			16:06																				
CCB 460-838499/148			16:08																				
ZZZZZZ			16:11																				
ZZZZZZ			16:14																				
ZZZZZZ			16:16																				
ZZZZZZ			16:18																				
ZZZZZZ			16:21																				
ZZZZZZ			16:23																				
ZZZZZZ			16:26																				
ZZZZZZ			16:28																				
ZZZZZZ			16:31																				
ZZZZZZ			16:33																				
CCV 460-838499/159			16:36																				
CCB 460-838499/160			16:38																				
ZZZZZZ			16:40																				
ZZZZZZ			16:43																				
ZZZZZZ			16:45																				
ZZZZZZ			16:48																				
ZZZZZZ			16:50																				
ZZZZZZ			16:53																				
ZZZZZZ			16:55																				
ZZZZZZ			16:58																				
ZZZZZZ			17:00																				
ZZZZZZ			17:03																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 04/11/2022 09:25 End Date: 04/11/2022 18:07

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
CCV 460-838499/171			17:05																				
CCB 460-838499/172			17:07																				
ZZZZZZ			17:10																				
ZZZZZZ			17:12																				
ZZZZZZ			17:15																				
ZZZZZZ			17:17																				
ZZZZZZ			17:20																				
ZZZZZZ			17:22																				
ZZZZZZ			17:25																				
ZZZZZZ			17:27																				
ZZZZZZ			17:30																				
ZZZZZZ			17:32																				
CCV 460-838499/183			17:34																				
CCB 460-838499/184			17:37																				
ZZZZZZ			17:39																				
ZZZZZZ			17:42																				
ZZZZZZ			17:44																				
ZZZZZZ			17:47																				
ZZZZZZ			17:49																				
ZZZZZZ			17:52																				
ZZZZZZ			17:54																				
ZZZZZZ			17:57																				
ZZZZZZ			17:59																				
ZZZZZZ			18:02																				
CCV 460-838499/195			18:04																				
CCB 460-838499/196			18:07																				

Prep Types

P = TCLP

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: LEEMAN6 Method: 7470A

Start Date: 04/11/2022 13:14 End Date: 04/11/2022 16:32

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ICIS 460-838554/1			13:14	X																			
IC 460-838498/24-A			13:16	X																			
IC 460-838498/25-A			13:18	X																			
IC 460-838498/26-A			13:19	X																			
IC 460-838498/27-A			13:21	X																			
IC 460-838498/28-A			13:23	X																			
ICV 460-838498/29-A	1		13:25	X																			
ICB 460-838554/8	1		13:26	X																			
CRI 460-838498/30-A	1		13:28	X																			
ZZZZZZ			13:30																				
ZZZZZZ			13:32																				
CCV 460-838498/33-A			13:33																				
CCB 460-838554/13			13:35																				
ZZZZZZ			13:37																				
ZZZZZZ			13:39																				
ZZZZZZ			13:40																				
ZZZZZZ			13:42																				
ZZZZZZ			13:44																				
ZZZZZZ			13:45																				
ZZZZZZ			13:47																				
ZZZZZZ			13:49																				
ZZZZZZ			13:50																				
ZZZZZZ			13:52																				
CCV 460-838498/33-A			13:54																				
CCB 460-838554/25			13:56																				
ZZZZZZ			13:57																				
ZZZZZZ			13:59																				
ZZZZZZ			14:01																				
ZZZZZZ			14:02																				
ZZZZZZ			14:04																				
ZZZZZZ			14:06																				
ZZZZZZ			14:08																				
ZZZZZZ			14:09																				
ZZZZZZ			14:11																				
ZZZZZZ			14:13																				
CCV 460-838498/33-A	1		14:14	X																			
CCB 460-838554/37	1		14:16	X																			
ZZZZZZ			14:18																				
ZZZZZZ			14:19																				
ZZZZZZ			14:21																				
MB 460-838522/1-A	1	T	14:23	X																			
LCS 460-838522/2-A	1	T	14:25	X																			
ZZZZZZ			14:26																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: LEEMAN6 Method: 7470A

Start Date: 04/11/2022 13:14 End Date: 04/11/2022 16:32

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
460-255598-E-1-J DU	1	P	14:28	X																			
460-255598-E-1-K MS	1	P	14:30	X																			
460-255598-E-1-I SD ^5	5	P	14:31	X																			
ZZZZZZ			14:33																				
CCV 460-838498/33-A	1		14:35	X																			
CCB 460-838554/49	1		14:37	X																			
ZZZZZZ			14:38																				
ZZZZZZ			14:40																				
ZZZZZZ			14:42																				
ZZZZZZ			14:43																				
460-255715-16	1	P	14:45	X																			
460-255715-17	1	P	14:47	X																			
460-255715-18	1	P	14:49	X																			
ZZZZZZ			14:50																				
ZZZZZZ			14:52																				
ZZZZZZ			14:54																				
CCV 460-838498/33-A	1		14:55	X																			
CCB 460-838554/61	1		14:57	X																			
ZZZZZZ			14:59																				
ZZZZZZ			15:01																				
ZZZZZZ			15:02																				
ZZZZZZ			15:04																				
ZZZZZZ			15:06																				
LB 460-838311/1-D	1	P	15:07	X																			
ZZZZZZ			15:09																				
ZZZZZZ			15:11																				
ZZZZZZ			15:13																				
ZZZZZZ			15:14																				
CCV 460-838498/33-A	1		15:16	X																			
CCB 460-838554/73	1		15:18	X																			
ZZZZZZ			15:19																				
ZZZZZZ			15:21																				
ZZZZZZ			15:23																				
ZZZZZZ			15:24																				
ZZZZZZ			15:26																				
ZZZZZZ			15:28																				
ZZZZZZ			15:30																				
ZZZZZZ			15:31																				
ZZZZZZ			15:33																				
ZZZZZZ			15:35																				
CCV 460-838498/33-A			15:36																				
CCB 460-838554/85			15:38																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: LEEMAN6 Method: 7470A

Start Date: 04/11/2022 13:14 End Date: 04/11/2022 16:32

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			15:40																				
ZZZZZZ			15:42																				
ZZZZZZ			15:43																				
ZZZZZZ			15:45																				
ZZZZZZ			15:47																				
ZZZZZZ			15:48																				
ZZZZZZ			15:50																				
ZZZZZZ			15:52																				
ZZZZZZ			15:54																				
ZZZZZZ			15:55																				
CCV 460-838498/33-A			15:57																				
CCB 460-838554/97			15:59																				
ZZZZZZ			16:01																				
ZZZZZZ			16:02																				
ZZZZZZ			16:04																				
CCV 460-838498/33-A			16:06																				
CCB 460-838554/102			16:08																				
ZZZZZZ			16:11																				
ZZZZZZ			16:13																				
ZZZZZZ			16:15																				
ZZZZZZ			16:16																				
ZZZZZZ			16:18																				
ZZZZZZ			16:20																				
CCV 460-838498/33-A			16:22																				
CCB 460-838554/110			16:23																				
ZZZZZZ			16:27																				
ZZZZZZ			16:29																				
CCV 460-838498/33-A			16:30																				
CCB 460-838554/114			16:32																				

Prep Types

P = TCLP

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: LEEMAN6 Method: 7471B

Start Date: 04/07/2022 06:37 End Date: 04/07/2022 11:17

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
ICIS 460-837885/1			06:37	X																			
IC 460-837773/2-A			06:39	X																			
IC 460-837773/3-A			06:40	X																			
IC 460-837773/4-A			06:42	X																			
IC 460-837773/5-A			06:44	X																			
IC 460-837773/6-A			06:46	X																			
ICV 460-837885/7	1		06:47	X																			
ICB 460-837885/8	1		06:49	X																			
CCV 460-837885/9			06:51																				
CCB 460-837885/10			06:53																				
ZZZZZZ			06:55																				
ZZZZZZ			06:56																				
ZZZZZZ			06:58																				
ZZZZZZ			07:00																				
ZZZZZZ			07:02																				
ZZZZZZ			07:03																				
ZZZZZZ			07:05																				
ZZZZZZ			07:07																				
ZZZZZZ			07:09																				
ZZZZZZ			07:10																				
CCV 460-837885/21			07:12																				
CCB 460-837885/22			07:14																				
ZZZZZZ			07:16																				
ZZZZZZ			07:17																				
ZZZZZZ			07:19																				
ZZZZZZ			07:21																				
ZZZZZZ			07:23																				
ZZZZZZ			07:25																				
ZZZZZZ			07:27																				
ZZZZZZ			07:29																				
ZZZZZZ			07:31																				
ZZZZZZ			07:32																				
CCV 460-837885/33			07:34																				
CCB 460-837885/34			07:36																				
ZZZZZZ			07:38																				
ZZZZZZ			07:40																				
ZZZZZZ			07:42																				
ZZZZZZ			07:44																				
ZZZZZZ			07:46																				
ZZZZZZ			07:48																				
ZZZZZZ			07:49																				
ZZZZZZ			07:51																				
ZZZZZZ			07:53																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: LEEMAN6 Method: 7471B

Start Date: 04/07/2022 06:37 End Date: 04/07/2022 11:17

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			07:55																				
CCV 460-837885/45			07:56																				
CCB 460-837885/46			07:58																				
ZZZZZZ			08:00																				
ZZZZZZ			08:02																				
ZZZZZZ			08:04																				
ZZZZZZ			08:06																				
ZZZZZZ			08:07																				
ZZZZZZ			08:10																				
ZZZZZZ			08:12																				
ZZZZZZ			08:13																				
ZZZZZZ			08:15																				
ZZZZZZ			08:17																				
CCV 460-837885/57			08:19																				
CCB 460-837885/58			08:20																				
ZZZZZZ			08:22																				
ZZZZZZ			08:24																				
ZZZZZZ			08:26																				
ZZZZZZ			08:27																				
ZZZZZZ			08:29																				
ZZZZZZ			08:31																				
ZZZZZZ			08:33																				
ZZZZZZ			08:35																				
ZZZZZZ			08:36																				
ZZZZZZ			08:38																				
CCV 460-837885/69			08:40																				
CCB 460-837885/70			08:42																				
ZZZZZZ			08:43																				
ZZZZZZ			08:45																				
ZZZZZZ			08:47																				
ZZZZZZ			08:49																				
ZZZZZZ			08:50																				
ZZZZZZ			08:52																				
ZZZZZZ			08:54																				
ZZZZZZ			08:56																				
ZZZZZZ			08:57																				
ZZZZZZ			08:59																				
CCV 460-837885/81			09:02																				
CCB 460-837885/82			09:04																				
ZZZZZZ			09:06																				
ZZZZZZ			09:08																				
ZZZZZZ			09:10																				
ZZZZZZ			09:11																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: LEEMAN6 Method: 7471B

Start Date: 04/07/2022 06:37 End Date: 04/07/2022 11:17

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			09:13																				
ZZZZZZ			09:15																				
ZZZZZZ			09:17																				
ZZZZZZ			09:18																				
ZZZZZZ			09:20																				
ZZZZZZ			09:22																				
CCV 460-837885/93	1		09:24	X																			
CCB 460-837885/94	1		09:25	X																			
ZZZZZZ			09:27																				
ZZZZZZ			09:29																				
ZZZZZZ			09:31																				
ZZZZZZ			09:33																				
ZZZZZZ			09:34																				
MB 460-837778/1-A	1	T	09:36	X																			
LCSSRM 460-837778/2-A ^40	40	T	09:38	X																			
ZZZZZZ			09:39																				
460-255183-B-2-C DU	1	T	09:41	X																			
460-255183-B-2-D MS	1	T	09:43	X																			
CCV 460-837885/105	1		09:45	X																			
CCB 460-837885/106	1		09:47	X																			
460-255183-B-2-B SD ^5	5	T	09:48	X																			
ZZZZZZ			09:50																				
ZZZZZZ			09:52																				
ZZZZZZ			09:54																				
ZZZZZZ			09:55																				
ZZZZZZ			09:57																				
460-255715-16	1	T	09:59	X																			
460-255715-17	1	T	10:01	X																			
460-255715-18	1	T	10:02	X																			
ZZZZZZ			10:04																				
CCV 460-837885/117	1		10:06	X																			
CCB 460-837885/118	1		10:08	X																			
ZZZZZZ			10:09																				
ZZZZZZ			10:11																				
ZZZZZZ			10:13																				
ZZZZZZ			10:15																				
ZZZZZZ			10:16																				
ZZZZZZ			10:18																				
ZZZZZZ			10:20																				
ZZZZZZ			10:22																				
ZZZZZZ			10:23																				
ZZZZZZ			10:25																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: LEEMAN6 Method: 7471B

Start Date: 04/07/2022 06:37 End Date: 04/07/2022 11:17

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
CCV 460-837885/129			10:27																				
CCB 460-837885/130			10:29																				
ZZZZZZ			10:31																				
ZZZZZZ			10:32																				
ZZZZZZ			10:34																				
ZZZZZZ			10:36																				
ZZZZZZ			10:38																				
ZZZZZZ			10:40																				
ZZZZZZ			10:41																				
ZZZZZZ			10:43																				
ZZZZZZ			10:45																				
ZZZZZZ			10:47																				
CCV 460-837885/141			10:49																				
CCB 460-837885/142			10:50																				
ZZZZZZ			10:52																				
ZZZZZZ			10:54																				
ZZZZZZ			10:56																				
ZZZZZZ			10:57																				
ZZZZZZ			10:59																				
ZZZZZZ			11:01																				
ZZZZZZ			11:03																				
ZZZZZZ			11:05																				
ZZZZZZ			11:06																				
ZZZZZZ			11:08																				
CCV 460-837885/153			11:10																				
CCB 460-837885/154			11:12																				
ZZZZZZ			11:14																				
CCV 460-837885/156			11:15																				
CCB 460-837885/157			11:17																				

Prep Types

T = Total/NA

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.: Analysis Batch No.: 838367

ICP-MS Instrument ID: ICPMS4 Start Date: 04/10/2022 End Date: 04/10/2022

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc/1	Q	Element Sc/2	Q	Element Sc/3	Q	Element Ge/2	Q
IC 460-838367/1	09:08	100		100		100		100		100	
IC 460-838367/2	09:10	100		101		103		102		101	
IC 460-838367/3	09:13	97		101		101		102		102	
IC 460-838367/4	09:15	101		101		102		99		105	
IC 460-838367/5	09:17	101		101		104		100		106	
IC 460-838367/6	09:19	99		98		103		100		105	
ICV 460-838367/7	09:22	102		101		101		100		105	
ICB 460-838367/8	09:24	100		102		103		101		102	
ICSA 460-838367/10	09:29	98		99		98		96		108	
ICSAB 460-838367/11	09:31	96		97		97		96		107	
LRC 460-838367/12	09:33	93		94		92		87		97	
LRC 460-838367/13	09:39	83		85		83		82		88	
CCV 460-838367/14	09:49	90		90		91		88		93	
CCB 460-838367/15	09:51	92		89		89		87		89	
MB 460-838203/1-A	10:12	90		88		88		87		90	
LCSSRM 460-838203/2-A ^5	10:14	92		90		90		91		98	
CCV 460-838367/26	10:30	92		90		91		88		95	
CCB 460-838367/27	10:33	94		91		91		89		94	
CCV 460-838367/88	13:36	83		81		79		76		82	
CCB 460-838367/89	13:38	83		82		80		77		80	
460-254625-B-1-A PDS	13:52	78		79		80		76		83	
460-254625-B-1-C MS	13:55	82		84		81		78		86	
460-254625-B-1-B DU	13:57	82		83		81		78		85	
460-254625-B-1-A SD	14:02	83		82		79		75		81	
CCV 460-838367/100	14:04	81		80		78		75		82	
CCB 460-838367/101	14:06	82		79		80		76		81	
460-255715-16	14:20	87		90		89		87		92	
460-255715-17	14:22	85		89		90		86		93	
460-255715-18	14:25	88		90		87		87		91	
CCV 460-838367/111	14:34	86		86		85		80		89	
CCB 460-838367/112	14:36	85		86		84		80		84	
CCV 460-838367/171	16:55	77		78		74		71		78	
CCB 460-838367/172	16:57	78		78		75		72		77	
460-255715-16	17:09	78		80		78		73		80	
460-255715-17	17:11	81		82		78		74		80	
CCV 460-838367/183	17:25	80		83		78		74		83	
CCB 460-838367/184	17:28	82		82		78		75		80	
MB 460-838313/1-A	17:30	85		84		80		76		81	
LB 460-838170/1-B ^10	17:32	79		81		79		75		82	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.: Analysis Batch No.: 838367

ICP-MS Instrument ID: ICPMS4 Start Date: 04/10/2022 End Date: 04/10/2022

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc/1	Q	Element Sc/2	Q	Element Sc/3	Q	Element Ge/2	Q
LCS 460-838313/2-A ^10	17:37	80		82		78		73		81	
460-255713-A-7-E PDS ^10	17:39	80		82		79		73		82	
460-255713-A-7-G MS ^10	17:42	80		81		77		74		80	
460-255713-A-7-F DU ^10	17:44	80		81		80		73		82	
460-255713-A-7-E SD ^50	17:51	78		80		76		74		79	
CCV 460-838367/195	17:53	79		80		77		72		81	
CCB 460-838367/196	17:55	79		80		77		73		78	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.: Analysis Batch No.: 838367

ICP-MS Instrument ID: ICPMS4 Start Date: 04/10/2022 End Date: 04/10/2022

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Ge/3	Q	Element In	Q	Element Tb	Q	Element Bi	Q	Element	Q
IC 460-838367/1	09:08	100		100		100		100			
IC 460-838367/2	09:10	101		102		100		102			
IC 460-838367/3	09:13	100		101		101		103			
IC 460-838367/4	09:15	104		101		100		100			
IC 460-838367/5	09:17	106		101		100		99			
IC 460-838367/6	09:19	103		98		100		99			
ICV 460-838367/7	09:22	102		99		99		100			
ICB 460-838367/8	09:24	101		100		100		101			
ICSA 460-838367/10	09:29	105		95		98		96			
ICSAB 460-838367/11	09:31	107		96		99		96			
LRC 460-838367/12	09:33	93		91		95		98			
LRC 460-838367/13	09:39	89		83		88		86			
CCV 460-838367/14	09:49	94		91		95		96			
CCB 460-838367/15	09:51	87		89		94		97			
MB 460-838203/1-A	10:12	91		90		93		97			
LCSSRM 460-838203/2-A ^5	10:14	99		93		96		98			
CCV 460-838367/26	10:30	96		92		94		96			
CCB 460-838367/27	10:33	91		92		95		99			
CCV 460-838367/88	13:36	83		80		86		90			
CCB 460-838367/89	13:38	81		82		87		91			
460-254625-B-1-A PDS	13:52	85		80		86		90			
460-254625-B-1-C MS	13:55	85		80		87		90			
460-254625-B-1-B DU	13:57	84		81		88		91			
460-254625-B-1-A SD	14:02	81		80		86		91			
CCV 460-838367/100	14:04	79		80		85		89			
CCB 460-838367/101	14:06	79		81		86		90			
460-255715-16	14:20	93		87		92		94			
460-255715-17	14:22	89		88		93		94			
460-255715-18	14:25	91		88		92		95			
CCV 460-838367/111	14:34	85		84		89		91			
CCB 460-838367/112	14:36	84		84		88		93			
CCV 460-838367/171	16:55	80		76		84		88			
CCB 460-838367/172	16:57	76		78		84		89			
460-255715-16	17:09	77		77		85		88			
460-255715-17	17:11	79		78		85		89			
CCV 460-838367/183	17:25	81		80		86		89			
CCB 460-838367/184	17:28	77		80		85		91			
MB 460-838313/1-A	17:30	80		81		86		92			
LB 460-838170/1-B ^10	17:32	80		79		86		89			

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.: Analysis Batch No.: 838367

ICP-MS Instrument ID: ICPMS4 Start Date: 04/10/2022 End Date: 04/10/2022

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Ge/3	Q	Element In	Q	Element Tb	Q	Element Bi	Q	Element	Q
LCS 460-838313/2-A ^10	17:37	79		80		86		90			
460-255713-A-7-E PDS ^10	17:39	81		78		85		89			
460-255713-A-7-G MS ^10	17:42	79		79		85		89			
460-255713-A-7-F DU ^10	17:44	79		78		85		90			
460-255713-A-7-E SD ^50	17:51	77		79		85		91			
CCV 460-838367/195	17:53	78		77		85		89			
CCB 460-838367/196	17:55	77		78		85		90			

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.: Analysis Batch No.: 838499

ICP-MS Instrument ID: ICPMS4 Start Date: 04/11/2022 End Date: 04/11/2022

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc/1	Q	Element Sc/2	Q	Element Sc/3	Q	Element Ge/2	Q
IC 460-838499/1	09:25	100		100		100		100		100	
IC 460-838499/2	09:28	99		101		100		100		101	
IC 460-838499/3	09:30	99		100		102		101		103	
IC 460-838499/4	09:33	99		102		100		100		107	
IC 460-838499/5	09:35	99		100		98		98		106	
IC 460-838499/6	09:38	99		100		97		99		109	
ICV 460-838499/7	09:40	101		101		98		98		106	
ICB 460-838499/8	09:43	100		100		98		98		103	
ICSA 460-838499/10	09:48	96		99		96		97		108	
ICSAB 460-838499/11	09:50	97		99		97		96		110	
LRC 460-838499/12	09:53	96		98		92		89		100	
LRC 460-838499/13	09:55	83		85		83		83		92	
CCV 460-838499/14	10:07	93		90		87		87		95	
CCB 460-838499/15	10:10	94		90		89		88		93	
CCV 460-838499/99	14:07	86		85		80		78		87	
CCB 460-838499/100	14:10	87		85		79		79		84	
MB 460-838423/1-A	14:12	87		83		79		78		84	
LB 460-838311/1-B ^10	14:15	85		85		80		77		86	
LCS 460-838423/2-A ^10	14:17	84		83		79		77		86	
460-255749-F-1-F PDS ^10	14:20	83		84		80		78		86	
460-255749-F-1-H MS ^10	14:22	85		83		77		78		86	
460-255749-F-1-G DU ^10	14:24	85		83		79		77		86	
460-255749-F-1-F SD ^50	14:29	84		82		77		75		84	
460-255715-18	14:34	82		81		77		75		85	
CCV 460-838499/111	14:37	83		81		76		75		85	
CCB 460-838499/112	14:39	85		82		77		76		83	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.: Analysis Batch No.: 838499

ICP-MS Instrument ID: ICPMS4 Start Date: 04/11/2022 End Date: 04/11/2022

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Ge/3	Q	Element In	Q	Element Tb	Q	Element Bi	Q	Element	Q
IC 460-838499/1	09:25	100		100		100		100			
IC 460-838499/2	09:28	100		100		100		101			
IC 460-838499/3	09:30	100		100		100		100			
IC 460-838499/4	09:33	103		100		101		101			
IC 460-838499/5	09:35	103		100		101		99			
IC 460-838499/6	09:38	100		98		100		99			
ICV 460-838499/7	09:40	103		99		100		100			
ICB 460-838499/8	09:43	101		100		100		101			
ICSA 460-838499/10	09:48	104		97		99		96			
ICSAB 460-838499/11	09:50	105		97		99		96			
LRC 460-838499/12	09:53	95		92		95		98			
LRC 460-838499/13	09:55	90		84		91		86			
CCV 460-838499/14	10:07	94		91		94		95			
CCB 460-838499/15	10:10	90		91		95		97			
CCV 460-838499/99	14:07	85		81		87		90			
CCB 460-838499/100	14:10	83		83		87		92			
MB 460-838423/1-A	14:12	80		83		87		91			
LB 460-838311/1-B ^10	14:15	84		81		86		89			
LCS 460-838423/2-A ^10	14:17	80		82		87		91			
460-255749-F-1-F PDS ^10	14:20	84		80		86		88			
460-255749-F-1-H MS ^10	14:22	85		80		87		89			
460-255749-F-1-G DU ^10	14:24	83		81		87		88			
460-255749-F-1-F SD ^50	14:29	79		80		87		90			
460-255715-18	14:34	82		79		85		87			
CCV 460-838499/111	14:37	83		80		85		88			
CCB 460-838499/112	14:39	81		81		86		90			

Calibration Blank

File Name	004CALB.d
File Path	D:\Agilent\ICPMH\1\DATA\NM041022.b
Acq Time	2022-04-10 09:08:23
Sample Name	**IC CAL-Blk**
Comment	---
Dilution	1.0000
Full Quant Table	1101

Element	Mass	ISTD	Tune Mode	CPS	CPS RSD
Be	9	6	No Gas	15.55	24.8
B	11	6	No Gas	846.70	4.8
Na	23	45	He	16372.96	0.1
Mg	24	45	He	48.89	14.2
Al	27	45	He	16.67	50.0
K	39	45	He	3029.25	5.9
Ca	40	45	H2	27403.86	1.9
Ti	47	45	He	1.33	43.3
V	51	45	He	316.67	21.4
Cr	52	45	He	1007.82	8.1
Mn	55	45	He	27.78	25.0
Fe	56	45	H2	27904.59	11.5
Co	59	45	He	14.44	35.3
Ni	60	45	He	101.11	13.7
Cu	63	45	He	378.90	4.5
Zn	66	45	He	373.34	0.9
As	75	45	He	8.33	20.0
Se	78	45	H2	8.89	21.6
Sr	88	115	He	6.67	0.0
Mo	95	115	He	1.11	173.2
Ag	107	115	He	11.11	45.8
Cd	111	115	He	0.00	N/A
Sn	118	115	He	238.89	20.9
Sb	121	115	He	30.00	43.4
Ba	137	159	He	3.34	173.2
Tl	205	209	He	57.78	38.4
[Pb]	206	209	He	298.90	12.9
[Pb]	207	209	He	275.56	13.3
Pb	208	209	He	1240.03	4.9

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %
Li (IS)	6	No Gas	3853396.43	1.2	100.0
Sc (ISICPMS)	45	No Gas	4940940.98	1.5	100.0
Sc (ISICPMS)	45	H2	2049086.36	1.7	100.0
Sc (ISICPMS)	45	He	59015.76	0.5	100.0
Ge (IS)	74	H2	380902.20	1.9	100.0
Ge (IS)	74	He	31899.87	1.5	100.0
Kr	83	He	40.04	75.0	100.0

Calibration Blank

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %
In-1	115	He	98818.31	1.8	100.0
Tb (IS)	159	He	582585.55	0.5	100.0
Bi (IS)	209	He	490821.67	1.3	100.0

Calibration Standard

File Name 005CALS.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 09:10:43

Sample Name **IC CAL1 9767629**

Comment ---

Dilution 1.0000

Vial # 1102

FullQuant Table

Element	Mass	ISTD	Tune Mode	CPS	CPS RSD
Be	9	6	No Gas	807.81	5.2
B	11	6	No Gas	49700.84	2.2
Na	23	45	He	26301.43	0.9
Mg	24	45	He	4597.46	3.7
Al	27	45	He	235.56	6.0
K	39	45	He	5226.57	4.5
Ca	40	45	H2	231250.07	1.7
Ti	47	45	He	25.33	21.7
V	51	45	He	1493.43	6.9
Cr	52	45	He	2503.58	5.0
Mn	55	45	He	1127.84	2.8
Fe	56	45	H2	313668.94	1.9
Co	59	45	He	3201.51	1.2
Ni	60	45	He	1113.39	2.0
Cu	63	45	He	3386.00	7.0
Zn	66	45	He	1496.76	6.4
As	75	45	He	103.89	17.2
Se	78	45	H2	186.67	7.1
Sr	88	115	He	583.35	7.1
Mo	95	115	He	1270.07	3.4
Ag	107	115	He	2599.17	8.3
Cd	111	115	He	261.12	9.2
Sn	118	115	He	3674.98	1.2
Sb	121	115	He	563.90	9.4
Ba	137	159	He	246.92	14.2
Tl	205	209	He	2454.70	3.6
[Pb]	206	209	He	1572.33	3.4
[Pb]	207	209	He	1271.19	4.9
Pb	208	209	He	5862.80	3.0

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3850371.02	2.4	99.9	60	125	
Sc (ISICPMS)	45	No Gas	4991318.80	0.9	101.0	60	125	
Sc (ISICPMS)	45	H2	2104959.57	0.7	102.7	60	125	
Sc (ISICPMS)	45	He	60306.78	1.3	102.2	60	125	
Ge (IS)	74	H2	385395.87	1.3	101.2	60	125	

Calibration Standard

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Ge (IS)	74	He	32221.01	1.1	101.0	60	125	
Kr	83	He	33.37	17.3	83.3			
In-1	115	He	101211.22	0.5	102.4	60	125	
Tb (IS)	159	He	583266.03	0.9	100.1	60	125	
Bi (IS)	209	He	500649.90	0.9	102.0	60	125	

Calibration Standard

File Name 006CALS.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 09:13:03

Sample Name **IC CAL2 9767631**

Comment ---

Dilution 1.0000

Vial # 1103

FullQuant Table

Element	Mass	ISTD	Tune Mode	CPS	CPS RSD
Be	9	6	No Gas	3926.13	4.5
B	11	6	No Gas	245821.37	0.2
Na	23	45	He	63257.92	1.4
Mg	24	45	He	22727.42	0.5
Al	27	45	He	1209.50	2.0
K	39	45	He	14476.52	1.0
Ca	40	45	H2	1105650.45	2.6
Ti	47	45	He	116.34	11.0
V	51	45	He	6058.05	1.5
Cr	52	45	He	8947.42	2.3
Mn	55	45	He	5491.13	2.0
Fe	56	45	H2	1519636.33	2.9
Co	59	45	He	16148.50	1.9
Ni	60	45	He	4902.02	3.8
Cu	63	45	He	15078.40	2.0
Zn	66	45	He	6083.62	3.3
As	75	45	He	421.12	1.6
Se	78	45	H2	967.82	8.4
Sr	88	115	He	2716.96	5.3
Mo	95	115	He	5805.75	3.6
Ag	107	115	He	13137.70	0.8
Cd	111	115	He	1211.17	1.2
Sn	118	115	He	16732.95	0.6
Sb	121	115	He	2703.62	1.0
Ba	137	159	He	1698.52	5.1
Tl	205	209	He	11999.15	2.5
[Pb]	206	209	He	6094.86	3.9
[Pb]	207	209	He	5300.05	2.7
Pb	208	209	He	24751.05	1.4

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3733593.38	1.1	96.9	60	125	
Sc (ISICPMS)	45	No Gas	4986901.26	0.2	100.9	60	125	
Sc (ISICPMS)	45	H2	2058739.24	1.3	100.5	60	125	
Sc (ISICPMS)	45	He	60074.56	0.6	101.8	60	125	
Ge (IS)	74	H2	387803.27	1.9	101.8	60	125	

Calibration Standard

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Ge (IS)	74	He	31856.32	4.1	99.9	60	125	
Kr	83	He	60.06	33.3	150.0			
In-1	115	He	100082.01	0.2	101.3	60	125	
Tb (IS)	159	He	587799.16	0.7	100.9	60	125	
Bi (IS)	209	He	502865.35	0.8	102.5	60	125	

Calibration Standard

File Name 007CALS.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 09:15:22

Sample Name **IC CAL3 9767645**

Comment ---

Dilution 1.0000

Vial # 1104

FullQuant Table

Element	Mass	ISTD	Tune Mode	CPS	CPS RSD
Be	9	6	No Gas	50475.48	1.5
B	11	6	No Gas	82757.38	2.5
Na	23	45	He	586902.07	0.2
Mg	24	45	He	275709.51	0.4
Al	27	45	He	71310.90	0.6
K	39	45	He	139706.21	1.9
Ca	40	45	H2	13315793.97	2.2
Ti	47	45	He	293.03	5.5
V	51	45	He	13966.04	0.3
Cr	52	45	He	20170.46	1.6
Mn	55	45	He	6586.06	3.3
Fe	56	45	H2	30609458.43	0.8
Co	59	45	He	39486.94	0.6
Ni	60	45	He	11936.38	1.7
Cu	63	45	He	35300.08	1.2
Zn	66	45	He	9067.52	0.5
As	75	45	He	2166.29	1.0
Se	78	45	H2	4264.03	2.8
Sr	88	115	He	6662.80	0.5
Mo	95	115	He	14309.94	0.8
Ag	107	115	He	29890.52	0.3
Cd	111	115	He	5873.56	1.9
Sn	118	115	He	10391.94	1.7
Sb	121	115	He	12699.49	1.2
Ba	137	159	He	4058.11	2.4
Tl	205	209	He	146849.05	0.5
[Pb]	206	209	He	46499.77	2.0
[Pb]	207	209	He	41807.60	0.9
Pb	208	209	He	189566.03	1.1

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3908826.33	0.4	101.4	60	125	
Sc (ISICPMS)	45	No Gas	5004177.33	2.3	101.3	60	125	
Sc (ISICPMS)	45	H2	2095041.39	2.1	102.2	60	125	
Sc (ISICPMS)	45	He	58324.87	1.5	98.8	60	125	
Ge (IS)	74	H2	400976.60	0.9	105.3	60	125	

Calibration Standard

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Ge (IS)	74	He	33167.56	2.3	104.0	60	125	
Kr	83	He	50.05	40.0	125.0			
In-1	115	He	99293.09	1.8	100.5	60	125	
Tb (IS)	159	He	580932.59	0.9	99.7	60	125	
Bi (IS)	209	He	491852.56	0.4	100.2	60	125	

Calibration Standard

File Name 008CALS.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 09:17:40

Sample Name **IC CAL4 9767647**

Comment ---

Dilution 1.0000

Vial # 1105

FullQuant Table

Element	Mass	ISTD	Tune Mode	CPS	CPS RSD
Be	9	6	No Gas	99751.30	1.1
B	11	6	No Gas	157756.01	1.6
Na	23	45	He	1150899.25	0.7
Mg	24	45	He	551251.97	1.0
Al	27	45	He	141913.54	0.6
K	39	45	He	273207.46	1.8
Ca	40	45	H2	26622889.88	1.4
Ti	47	45	He	560.40	1.7
V	51	45	He	27755.95	0.5
Cr	52	45	He	39188.14	0.8
Mn	55	45	He	13288.73	1.6
Fe	56	45	H2	60894856.87	2.1
Co	59	45	He	78706.56	0.6
Ni	60	45	He	23145.23	1.4
Cu	63	45	He	69012.84	2.0
Zn	66	45	He	17624.82	0.7
As	75	45	He	4214.00	2.2
Se	78	45	H2	8252.56	3.6
Sr	88	115	He	13325.58	2.3
Mo	95	115	He	28508.30	2.5
Ag	107	115	He	59385.87	0.7
Cd	111	115	He	11738.58	2.1
Sn	118	115	He	20236.70	0.2
Sb	121	115	He	25390.59	0.7
Ba	137	159	He	8127.52	3.9
Tl	205	209	He	291786.60	0.5
[Pb]	206	209	He	92504.71	1.2
[Pb]	207	209	He	82187.32	2.0
Pb	208	209	He	377807.28	0.2

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3871756.12	0.4	100.5	60	125	
Sc (ISICPMS)	45	No Gas	4987101.77	1.5	100.9	60	125	
Sc (ISICPMS)	45	H2	2126868.53	2.7	103.8	60	125	
Sc (ISICPMS)	45	He	59169.84	1.3	100.3	60	125	
Ge (IS)	74	H2	404314.70	2.6	106.1	60	125	

Calibration Standard

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Ge (IS)	74	He	33706.03	1.5	105.7	60	125	
Kr	83	He	36.70	56.8	91.7			
In-1	115	He	99890.82	0.8	101.1	60	125	
Tb (IS)	159	He	584465.78	0.5	100.3	60	125	
Bi (IS)	209	He	486864.71	1.2	99.2	60	125	

Calibration Standard

File Name 009CALS.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 09:19:58

Sample Name **IC CAL5 97676733**

Comment ---

Dilution 1.0000

Vial # 1106

FullQuant Table

Element	Mass	ISTD	Tune Mode	CPS	CPS RSD
Be	9	6	No Gas	196730.60	0.7
B	11	6	No Gas	310262.41	1.4
Na	23	45	He	2253521.21	1.9
Mg	24	45	He	1093477.14	2.5
Al	27	45	He	284045.99	0.7
K	39	45	He	543333.67	0.4
Ca	40	45	H2	52387637.55	1.6
Ti	47	45	He	1153.50	0.8
V	51	45	He	54917.17	0.7
Cr	52	45	He	76863.23	0.6
Mn	55	45	He	26519.08	1.2
Fe	56	45	H2	120129169.32	0.9
Co	59	45	He	155633.13	0.7
Ni	60	45	He	45973.90	0.6
Cu	63	45	He	138455.51	1.4
Zn	66	45	He	34559.42	1.6
As	75	45	He	8519.37	0.6
Se	78	45	H2	16378.89	0.8
Sr	88	115	He	26776.81	3.4
Mo	95	115	He	56477.79	0.5
Ag	107	115	He	117579.85	1.5
Cd	111	115	He	23101.37	2.4
Sn	118	115	He	40007.34	0.9
Sb	121	115	He	50513.80	1.0
Ba	137	159	He	16497.39	2.8
Tl	205	209	He	588649.21	0.4
[Pb]	206	209	He	187035.88	0.6
[Pb]	207	209	He	164974.90	1.6
Pb	208	209	He	757327.57	0.8

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3822190.85	2.0	99.2	60	125	
Sc (ISICPMS)	45	No Gas	4862607.17	2.8	98.4	60	125	
Sc (ISICPMS)	45	H2	2103575.49	0.8	102.7	60	125	
Sc (ISICPMS)	45	He	58920.93	0.8	99.8	60	125	
Ge (IS)	74	H2	399386.27	0.5	104.9	60	125	

Calibration Standard

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Ge (IS)	74	He	32983.40	1.0	103.4	60	125	
Kr	83	He	53.39	39.0	133.3			
In-1	115	He	97131.14	2.0	98.3	60	125	
Tb (IS)	159	He	582131.28	0.9	99.9	60	125	
Bi (IS)	209	He	487092.40	0.8	99.2	60	125	

Initial Calibration Verification (ICV)

File Name 010_ICV.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 09:22:15

Sample Name **ICV 9766457**

Comment ---

Dilution 1.0000

Vial # 1201

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	78.766	ug/l	2.2	80	72	88	
B	11	6	No Gas	202.539	ug/l	3.1	200	180	220	
Na	23	45	He	20168.662	ug/l	2.6	20000	18000	22000	
Mg	24	45	He	19859.906	ug/l	1.4	20000	18000	22000	
Al	27	45	He	19618.217	ug/l	1.5	20000	18000	22000	
K	39	45	He	19600.922	ug/l	1.3	20000	18000	22000	
Ca	40	45	H2	20170.190	ug/l	1.3	20000	18000	22000	
Ti	47	45	He	77.729	ug/l	4.0	80	72	88	
V	51	45	He	79.575	ug/l	3.0	80	72	88	
Cr	52	45	He	79.323	ug/l	1.3	80	72	88	
Mn	55	45	He	78.929	ug/l	0.8	80	72	88	
Fe	56	45	H2	19952.210	ug/l	1.2	20000	18000	22000	
Co	59	45	He	77.696	ug/l	1.6	80	72	88	
Ni	60	45	He	78.599	ug/l	1.3	80	72	88	
Cu	63	45	He	78.795	ug/l	1.3	80	72	88	
Zn	66	45	He	197.682	ug/l	3.0	200	180	220	
As	75	45	He	79.048	ug/l	4.4	80	72	88	
Se	78	45	H2	79.276	ug/l	3.4	80	72	88	
Sr	88	115	He	79.628	ug/l	0.5	80	72	88	
Mo	95	115	He	79.221	ug/l	1.6	80	72	88	
Ag	107	115	He	39.389	ug/l	1.1	40	36	44	
Cd	111	115	He	77.438	ug/l	1.8	80	72	88	
Sn	118	115	He	79.013	ug/l	1.3	80	72	88	
Sb	121	115	He	79.566	ug/l	0.6	80	72	88	
Ba	137	159	He	77.491	ug/l	10.8	80	72	88	
Tl	205	209	He	77.757	ug/l	1.2	80	72	88	
[Pb]	206	209	He	77.524	ug/l	1.3				
[Pb]	207	209	He	78.326	ug/l	1.4				
Pb	208	209	He	77.822	ug/l	0.7	80	72	88	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3912165.36	0.8	101.5	60	125	
Sc (ISICPMS)	45	No Gas	4994934.39	1.0	101.1	60	125	
Sc (ISICPMS)	45	H2	2071913.27	1.3	101.1	60	125	
Sc (ISICPMS)	45	He	58775.88	1.7	99.6	60	125	
Ge (IS)	74	H2	399545.83	1.3	104.9	60	125	
Ge (IS)	74	He	32371.44	1.4	101.5	60	125	

Initial Calibration Verification (ICV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	33.37	45.8	83.3			
In-1	115	He	97944.28	0.3	99.1	60	125	
Tb (IS)	159	He	577394.16	0.6	99.1	60	125	
Bi (IS)	209	He	491733.06	0.7	100.2	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 011_ICB.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 09:24:32

Sample Name **ICB**

Comment ---

Dilution 1.0000

Full Quant Table 1101

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.033	ug/l	29.8	0.4	-0.4	0.4	
B	11	6	No Gas	7.762	ug/l	1.4	20	-20	20	
Na	23	45	He	3.634	ug/l	249.1	250	-250	250	
Mg	24	45	He	0.026	ug/l	1201.4	100	-100	100	
Al	27	45	He	-0.223	ug/l	N/A	20	-20	20	
K	39	45	He	-9.511	ug/l	N/A	100	-100	100	
Ca	40	45	H2	-0.783	ug/l	N/A	250	-250	250	
Ti	47	45	He	-0.060	ug/l	N/A	2	-2	2	
V	51	45	He	0.056	ug/l	181.4	2	-2	2	
Cr	52	45	He	-0.161	ug/l	N/A	2	-2	2	
Mn	55	45	He	0.130	ug/l	41.0	4	-4	4	
Fe	56	45	H2	0.276	ug/l	535.1	30	-30	30	
Co	59	45	He	-0.003	ug/l	N/A	2	-2	2	
Ni	60	45	He	0.154	ug/l	80.2	2	-2	2	
Cu	63	45	He	0.016	ug/l	326.1	2	-2	2	
Zn	66	45	He	-0.151	ug/l	N/A	8	-8	8	
As	75	45	He	0.101	ug/l	40.8	1	-1	1	
Se	78	45	H2	0.119	ug/l	130.1	1.25	-1.25	1.25	
Sr	88	115	He	-0.017	ug/l	N/A	2	-2	2	
Mo	95	115	He	0.012	ug/l	114.9	2	-2	2	
Ag	107	115	He	0.003	ug/l	321.1	1	-1	1	
Cd	111	115	He	0.019	ug/l	86.6	1	-1	1	
Sn	118	115	He	0.017	ug/l	607.3	8	-8	8	
Sb	121	115	He	0.031	ug/l	69.7	1	-1	1	
Ba	137	159	He	0.515	ug/l	13.5	2	-2	2	
Tl	205	209	He	0.026	ug/l	55.2	0.4	-0.4	0.4	
[Pb]	206	209	He	-0.010	ug/l	N/A				
[Pb]	207	209	He	-0.024	ug/l	N/A				
Pb	208	209	He	-0.014	ug/l	N/A	0.6	-0.6	0.6	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3867640.74	2.8	100.4	60	125	
Sc (ISICPMS)	45	No Gas	5019916.30	1.1	101.6	60	125	
Sc (ISICPMS)	45	H2	2108825.04	1.6	102.9	60	125	
Sc (ISICPMS)	45	He	59668.61	1.4	101.1	60	125	
Ge (IS)	74	H2	386938.28	1.5	101.6	60	125	
Ge (IS)	74	He	32284.52	1.3	101.2	60	125	
Kr	83	He	53.39	43.3	133.3			
In-1	115	He	98986.03	0.4	100.2	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Tb (IS)	159	He	582619.51	1.0	100.0	60	125	
Bi (IS)	209	He	496071.24	1.3	101.1	60	125	

CRQL Check Standard (CRI)

File Name 012_CRI.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 09:26:52

Sample Name **CRI 9767629**

Comment ---

Dilution 1.0000

Vial # 1102

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.853	ug/l	4.0	0.8	0.4	1.2	
B	11	6	No Gas	81.687	ug/l	0.6	80	40	120	
Na	23	45	He	204.715	ug/l	1.9	200	100	300	
Mg	24	45	He	199.048	ug/l	2.3	200	100	300	
Al	27	45	He	39.634	ug/l	7.4	40	20	60	
K	39	45	He	194.766	ug/l	7.5	200	100	300	
Ca	40	45	H2	194.848	ug/l	0.7	200	100	300	
Ti	47	45	He	4.112	ug/l	26.5	4	2	6	
V	51	45	He	4.140	ug/l	4.4	4	2	6	
Cr	52	45	He	3.740	ug/l	2.0	4	2	6	
Mn	55	45	He	8.532	ug/l	8.9	8	4	12	
Fe	56	45	H2	118.543	ug/l	0.4	120	60	180	
Co	59	45	He	4.030	ug/l	2.3	4	2	6	
Ni	60	45	He	3.850	ug/l	5.4	4	2	6	
Cu	63	45	He	4.038	ug/l	2.8	4	2	6	
Zn	66	45	He	15.047	ug/l	6.3	16	8	24	
As	75	45	He	2.104	ug/l	14.1	2	1	3	
Se	78	45	H2	2.390	ug/l	6.8	2.5	1.25	3.75	
Sr	88	115	He	3.979	ug/l	6.2	4	2	6	
Mo	95	115	He	4.182	ug/l	5.8	4	2	6	
Ag	107	115	He	2.055	ug/l	1.3	2	1	3	
Cd	111	115	He	1.985	ug/l	9.5	2	1	3	
Sn	118	115	He	16.015	ug/l	2.7	16	8	24	
Sb	121	115	He	2.019	ug/l	4.0	2	1	3	
Ba	137	159	He	4.764	ug/l	24.6	4	2	6	
Tl	205	209	He	0.791	ug/l	1.2	0.8	0.4	1.2	
[Pb]	206	209	He	1.156	ug/l	4.0				
[Pb]	207	209	He	1.163	ug/l	7.1				
Pb	208	209	He	1.145	ug/l	3.5	1.2	0.6	1.8	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3836653.10	1.0	99.6	60	125	
Sc (ISICPMS)	45	No Gas	4913185.56	1.2	99.4	60	125	
Sc (ISICPMS)	45	H2	2154543.39	0.5	105.1	60	125	
Sc (ISICPMS)	45	He	60692.05	1.0	102.8	60	125	
Ge (IS)	74	H2	392022.92	0.5	102.9	60	125	
Ge (IS)	74	He	33314.50	1.6	104.4	60	125	

CRQL Check Standard (CRI)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	56.72	71.3	141.7			
In-1	115	He	101004.10	0.4	102.2	60	125	
Tb (IS)	159	He	593656.71	1.0	101.9	60	125	
Bi (IS)	209	He	504841.16	0.6	102.9	60	125	

Interference Check Standard-A (ICSA)

File Name 013ICSA.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 09:29:12

Sample Name **ICSA 9767675**

Comment ---

Dilution 1.0000

Multiquant Table 1304

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.046	ug/l	8.0	0.8	-1.6	1.6	
B	11	6	No Gas	5.275	ug/l	2.1	80	-160	160	
Na	23	45	He	102150.208	ug/l	1.2	100000	80000	120000	
Mg	24	45	He	101071.234	ug/l	1.0	100000	80000	120000	
Al	27	45	He	101680.816	ug/l	1.2	100000	80000	120000	
K	39	45	He	98648.837	ug/l	2.4	100000	80000	120000	
Ca	40	45	H2	102885.513	ug/l	2.5	100000	80000	120000	
Ti	47	45	He	2151.057	ug/l	1.8	2000	1600	2400	
V	51	45	He	0.112	ug/l	74.2	4	-8	8	
Cr	52	45	He	1.442	ug/l	5.0	4	-8	8	
Mn	55	45	He	1.003	ug/l	20.1	8	-16	16	
Fe	56	45	H2	102998.279	ug/l	2.4	100000	80000	120000	
Co	59	45	He	0.355	ug/l	7.5	4	-8	8	
Ni	60	45	He	1.020	ug/l	6.1	4	-8	8	
Cu	63	45	He	0.689	ug/l	12.9	4	-8	8	
Zn	66	45	He	1.752	ug/l	38.4	16	-32	32	
As	75	45	He	0.495	ug/l	35.9	2	-4	4	
Se	78	45	H2	0.158	ug/l	66.4	2.5	-5	5	
Sr	88	115	He	3.030	ug/l	5.6	4	-8	8	
Mo	95	115	He	2112.654	ug/l	1.8	2000	-4000	4000	
Ag	107	115	He	0.390	ug/l	6.2	2	-4	4	
Cd	111	115	He	0.189	ug/l	18.9	2	-4	4	
Sn	118	115	He	0.178	ug/l	110.1	16	-32	32	
Sb	121	115	He	0.011	ug/l	299.1	2	-4	4	
Ba	137	159	He	4.327	ug/l	18.1	4	-8	8	
Tl	205	209	He	0.047	ug/l	11.9	0.8	-1.6	1.6	
[Pb]	206	209	He	1.465	ug/l	1.9				
[Pb]	207	209	He	1.504	ug/l	5.6				
Pb	208	209	He	1.480	ug/l	1.1	1.2	-2.4	2.4	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3755616.44	0.7	97.5	60	125	
Sc (ISICPMS)	45	No Gas	4909710.37	0.9	99.4	60	125	
Sc (ISICPMS)	45	H2	2007362.52	1.7	98.0	60	125	
Sc (ISICPMS)	45	He	56777.56	1.6	96.2	60	125	
Ge (IS)	74	H2	410190.00	1.1	107.7	60	125	
Ge (IS)	74	He	33348.10	3.3	104.5	60	125	

Interference Check Standard-A (ICSA)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	40.04	25.0	100.0			
In-1	115	He	94161.72	0.9	95.3	60	125	
Tb (IS)	159	He	569628.97	1.4	97.8	60	125	
Bi (IS)	209	He	469732.94	1.2	95.7	60	125	

Interference Check Standard-AB (ICSAB)

File Name 014ICSB.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 09:31:28

Sample Name **ICSAB 9767687**

Comment ---

Dilution 1.0000

Full Quant Table 1305

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	212.750	ug/l	2.1	200	-400	400	
B	11	6	No Gas	19.495	ug/l	1.0				
Na	23	45	He	102608.047	ug/l	2.6	100000	80000	120000	
Mg	24	45	He	104007.387	ug/l	2.6	100000	80000	120000	
Al	27	45	He	102168.150	ug/l	1.2	100000	80000	120000	
K	39	45	He	101283.967	ug/l	1.9	100000	80000	120000	
Ca	40	45	H2	104572.085	ug/l	4.7	100000	80000	120000	
Ti	47	45	He	2150.181	ug/l	1.4	2000	1600	2400	
V	51	45	He	212.571	ug/l	1.5	200	160	240	
Cr	52	45	He	212.449	ug/l	0.6	200	160	240	
Mn	55	45	He	215.597	ug/l	2.6	200	160	240	
Fe	56	45	H2	103525.536	ug/l	2.5	100000	80000	120000	
Co	59	45	He	206.743	ug/l	2.0	200	160	240	
Ni	60	45	He	209.120	ug/l	0.8	200	160	240	
Cu	63	45	He	206.183	ug/l	2.1	200	160	240	
Zn	66	45	He	212.014	ug/l	1.9	200	160	240	
As	75	45	He	213.138	ug/l	0.6	200	160	240	
Se	78	45	H2	215.988	ug/l	2.5	200	160	240	
Sr	88	115	He	209.901	ug/l	0.7	200	-400	400	
Mo	95	115	He	2099.610	ug/l	1.4	2000	1600	2400	
Ag	107	115	He	201.154	ug/l	2.4	200	160	240	
Cd	111	115	He	209.989	ug/l	1.1	200	160	240	
Sn	118	115	He	211.114	ug/l	3.2	200	-400	400	
Sb	121	115	He	110.332	ug/l	1.1	100	-200	200	
Ba	137	159	He	209.425	ug/l	2.5	200	-400	400	
Tl	205	209	He	106.092	ug/l	1.7	100	-200	200	
[Pb]	206	209	He	211.650	ug/l	1.2				
[Pb]	207	209	He	212.888	ug/l	1.7				
Pb	208	209	He	212.392	ug/l	1.2	200	-400	400	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3691620.81	1.1	95.8	60	125	
Sc (ISICPMS)	45	No Gas	4783692.01	0.6	96.8	60	125	
Sc (ISICPMS)	45	H2	1992467.30	2.9	97.2	60	125	
Sc (ISICPMS)	45	He	56825.54	1.9	96.3	60	125	
Ge (IS)	74	H2	406837.65	1.6	106.8	60	125	
Ge (IS)	74	He	33987.10	2.0	106.5	60	125	

Interference Check Standard-AB (ICSAB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	60.06	16.7	150.0			
In-1	115	He	95132.73	0.9	96.3	60	125	
Tb (IS)	159	He	573860.84	0.5	98.5	60	125	
Bi (IS)	209	He	470035.21	1.0	95.8	60	125	

Linear Range Check (LRC)

File Name 015LRCA.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 09:33:45

Sample Name **LRC 9705928**

Comment LRC-A

Dilution 1.0000

Vial # 1306

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	2151.433	ug/l	1.0	2000	1800	2200	
B	11	6	No Gas	3.767	ug/l	1.3				
Na	23	45	He	14.435	ug/l	50.2				
Mg	24	45	He	13.126	ug/l	8.7				
Al	27	45	He	8.246	ug/l	6.9				
K	39	45	He	18.238	ug/l	81.0				
Ca	40	45	H2	5.362	ug/l	19.2				
Ti	47	45	He	5140.535	ug/l	1.1	5000	4500	5500	
V	51	45	He	5201.277	ug/l	3.2	5000	4500	5500	
Cr	52	45	He	20822.466	ug/l	2.1	20000	18000	22000	
Mn	55	45	He	10826.536	ug/l	2.7	10000	9000	11000	
Fe	56	45	H2	5.068	ug/l	5.4				
Co	59	45	He	2104.056	ug/l	3.1	2000	1800	2200	
Ni	60	45	He	21121.967	ug/l	1.0	20000	18000	22000	
Cu	63	45	He	20609.904	ug/l	1.7	20000	18000	22000	
Zn	66	45	He	20840.521	ug/l	2.0	20000	18000	22000	
As	75	45	He	5243.126	ug/l	0.5	5000	4500	5500	
Se	78	45	H2	2141.809	ug/l	3.6	2000	1800	2200	
Sr	88	115	He	5014.384	ug/l	1.8	5000	4500	5500	
Mo	95	115	He	2087.724	ug/l	1.4	2000	1800	2200	
Ag	107	115	He	0.012	ug/l	45.5				
Cd	111	115	He	5231.067	ug/l	1.0	5000	4500	5500	
Sn	118	115	He	0.181	ug/l	40.8				
Sb	121	115	He	0.080	ug/l	10.1				
Ba	137	159	He	19088.449	ug/l	1.4	20000	18000	22000	
Tl	205	209	He	1036.136	ug/l	1.3	1000	900	1100	
[Pb]	206	209	He	21029.247	ug/l	1.2				
[Pb]	207	209	He	21359.935	ug/l	0.6				
Pb	208	209	He	21189.629	ug/l	1.1	20000	18000	22000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3564714.29	0.3	92.5	60	125	
Sc (ISICPMS)	45	No Gas	4623328.63	1.1	93.6	60	125	
Sc (ISICPMS)	45	H2	1890761.00	2.0	92.3	60	125	
Sc (ISICPMS)	45	He	51578.22	0.6	87.4	60	125	
Ge (IS)	74	H2	367751.35	1.4	96.5	60	125	
Ge (IS)	74	He	29645.79	0.7	92.9	60	125	

Linear Range Check (LRC)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	43.38	48.0	108.3			
In-1	115	He	89504.70	1.5	90.6	60	125	
Tb (IS)	159	He	551247.57	0.7	94.6	60	125	
Bi (IS)	209	He	479865.60	0.3	97.8	60	125	

Linear Range Check (LRC)

File Name 017LRCB.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 09:39:47

Sample Name **LRC 9264222**

Comment LRC-B

Dilution 1.0000

Vial # 1307

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.191	ug/l	9.5				
B	11	6	No Gas	5.679	ug/l	3.8				
Na	23	45	He	490869.056	ug/l	1.1	500000	450000	550000	
Mg	24	45	He	506282.494	ug/l	1.1	500000	450000	550000	
Al	27	45	He	198379.597	ug/l	0.3	200000	180000	220000	
K	39	45	He	481265.118	ug/l	0.7	500000	450000	550000	
Ca	40	45	H2	507950.181	ug/l	2.2	500000	450000	550000	
Ti	47	45	He	0.832	ug/l	43.6				
V	51	45	He	-0.611	ug/l	N/A				
Cr	52	45	He	2.286	ug/l	11.5				
Mn	55	45	He	4.027	ug/l	7.9				
Fe	56	45	H2	504433.980	ug/l	1.1	500000	450000	550000	
Co	59	45	He	5.484	ug/l	3.0				
Ni	60	45	He	1.364	ug/l	8.5				
Cu	63	45	He	1.116	ug/l	4.0				
Zn	66	45	He	3.147	ug/l	7.1				
As	75	45	He	0.347	ug/l	31.1				
Se	78	45	H2	0.107	ug/l	99.2				
Sr	88	115	He	19.145	ug/l	3.9				
Mo	95	115	He	0.799	ug/l	21.8				
Ag	107	115	He	0.153	ug/l	25.4				
Cd	111	115	He	0.332	ug/l	16.3				
Sn	118	115	He	-0.024	ug/l	N/A				
Sb	121	115	He	0.232	ug/l	22.7				
Ba	137	159	He	7.668	ug/l	15.6				
Tl	205	209	He	0.048	ug/l	38.1				
[Pb]	206	209	He	7.480	ug/l	2.9				
[Pb]	207	209	He	7.777	ug/l	1.8				
Pb	208	209	He	7.720	ug/l	2.1				

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3186211.76	2.1	82.7	60	125	
Sc (ISICPMS)	45	No Gas	4189555.76	2.9	84.8	60	125	
Sc (ISICPMS)	45	H2	1698858.59	1.6	82.9	60	125	
Sc (ISICPMS)	45	He	48287.57	1.3	81.8	60	125	
Ge (IS)	74	H2	335043.59	1.2	88.0	60	125	
Ge (IS)	74	He	28415.26	4.0	89.1	60	125	

Linear Range Check (LRC)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	43.38	58.1	108.3			
In-1	115	He	81784.56	0.5	82.8	60	125	
Tb (IS)	159	He	511318.76	0.9	87.8	60	125	
Bi (IS)	209	He	420919.25	2.0	85.8	60	125	

Continuing Calibration Verification (CCV)

File Name 021_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 09:49:04

Sample Name **CCV 9767647**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	98.253	ug/l	3.7	100	90	110	
B	11	6	No Gas	243.336	ug/l	2.1	250	225	275	
Na	23	45	He	25392.393	ug/l	1.7	25000	22500	27500	
Mg	24	45	He	25476.439	ug/l	0.9	25000	22500	27500	
Al	27	45	He	24896.541	ug/l	1.0	25000	22500	27500	
K	39	45	He	24491.241	ug/l	0.2	25000	22500	27500	
Ca	40	45	H2	24875.092	ug/l	0.9	25000	22500	27500	
Ti	47	45	He	100.553	ug/l	2.4	100	90	110	
V	51	45	He	96.802	ug/l	1.2	100	90	110	
Cr	52	45	He	98.652	ug/l	0.5	100	90	110	
Mn	55	45	He	99.492	ug/l	1.4	100	90	110	
Fe	56	45	H2	24613.710	ug/l	1.1	25000	22500	27500	
Co	59	45	He	100.209	ug/l	1.6	100	90	110	
Ni	60	45	He	99.364	ug/l	1.4	100	90	110	
Cu	63	45	He	98.595	ug/l	1.3	100	90	110	
Zn	66	45	He	250.396	ug/l	2.4	250	225	275	
As	75	45	He	98.623	ug/l	1.5	100	90	110	
Se	78	45	H2	99.830	ug/l	1.9	100	90	110	
Sr	88	115	He	98.564	ug/l	0.5	100	90	110	
Mo	95	115	He	98.740	ug/l	0.7	100	90	110	
Ag	107	115	He	49.690	ug/l	1.5	50	45	55	
Cd	111	115	He	99.082	ug/l	2.8	100	90	110	
Sn	118	115	He	98.913	ug/l	2.2	100	90	110	
Sb	121	115	He	100.336	ug/l	2.3	100	90	110	
Ba	137	159	He	94.929	ug/l	1.6	100	90	110	
Tl	205	209	He	98.629	ug/l	2.3	100	90	110	
[Pb]	206	209	He	97.952	ug/l	2.1				
[Pb]	207	209	He	98.742	ug/l	1.4				
Pb	208	209	He	98.512	ug/l	1.3	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3465286.06	2.5	89.9	60	125	
Sc (ISICPMS)	45	No Gas	4434140.75	2.4	89.7	60	125	
Sc (ISICPMS)	45	H2	1862340.28	2.1	90.9	60	125	
Sc (ISICPMS)	45	He	51937.43	0.7	88.0	60	125	
Ge (IS)	74	H2	355941.86	0.9	93.4	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Ge (IS)	74	He	29980.15	2.1	94.0	60	125	
Kr	83	He	46.71	53.9	116.7			
In-1	115	He	89415.42	0.8	90.5	60	125	
Tb (IS)	159	He	552291.13	1.5	94.8	60	125	
Bi (IS)	209	He	471855.18	1.6	96.1	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 022_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 09:51:21

Sample Name **CCB**

Comment ---

Dilution 1.0000

Multiplier Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.056	ug/l	6.7	0.8	-0.8	0.8	
B	11	6	No Gas	4.028	ug/l	2.6	40	-40	40	
Na	23	45	He	15.618	ug/l	41.3	500	-500	500	
Mg	24	45	He	2.261	ug/l	44.0	200	-200	200	
Al	27	45	He	0.208	ug/l	545.9	40	-40	40	
K	39	45	He	21.501	ug/l	51.9	200	-200	200	
Ca	40	45	H2	-0.433	ug/l	N/A	500	-500	500	
Ti	47	45	He	0.100	ug/l	224.7	4	-4	4	
V	51	45	He	-0.282	ug/l	N/A	4	-4	4	
Cr	52	45	He	0.106	ug/l	111.7	4	-4	4	
Mn	55	45	He	0.243	ug/l	53.1	8	-8	8	
Fe	56	45	H2	-0.082	ug/l	N/A	60	-60	60	
Co	59	45	He	-0.009	ug/l	N/A	4	-4	4	
Ni	60	45	He	0.344	ug/l	19.5	4	-4	4	
Cu	63	45	He	0.161	ug/l	36.9	4	-4	4	
Zn	66	45	He	-1.259	ug/l	N/A	16	-16	16	
As	75	45	He	-0.060	ug/l	N/A	2	-2	2	
Se	78	45	H2	-0.033	ug/l	N/A	2.5	-2.5	2.5	
Sr	88	115	He	-0.012	ug/l	N/A	4	-4	4	
Mo	95	115	He	0.048	ug/l	26.7	4	-4	4	
Ag	107	115	He	-0.002	ug/l	N/A	2	-2	2	
Cd	111	115	He	0.042	ug/l	43.5	2	-2	2	
Sn	118	115	He	0.053	ug/l	310.1	16	-16	16	
Sb	121	115	He	0.046	ug/l	86.6	2	-2	2	
Ba	137	159	He	0.519	ug/l	14.5	4	-4	4	
Tl	205	209	He	0.014	ug/l	4.6	0.8	-0.8	0.8	
[Pb]	206	209	He	0.079	ug/l	16.4				
[Pb]	207	209	He	0.028	ug/l	97.9				
Pb	208	209	He	0.063	ug/l	14.5	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3542866.72	1.7	91.9	60	125	
Sc (ISICPMS)	45	No Gas	4413790.40	1.2	89.3	60	125	
Sc (ISICPMS)	45	H2	1818680.15	1.2	88.8	60	125	
Sc (ISICPMS)	45	He	51243.74	1.5	86.8	60	125	
Ge (IS)	74	H2	339763.82	0.9	89.2	60	125	
Ge (IS)	74	He	27830.02	1.9	87.2	60	125	
Kr	83	He	26.69	57.3	66.7			
In-1	115	He	88262.35	1.2	89.3	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Tb (IS)	159	He	547703.20	0.6	94.0	60	125	
Bi (IS)	209	He	477433.28	0.1	97.3	60	125	

Sample Report

File Name 023SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 10:07:39

Sample Name **MB 460-838209/1-A**

Comment ---

Dilution **1.0000**

Vial # 2101

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.029	ug/l	34.3	2000	
B	11	6	No Gas	0.611	ug/l	25.9	500	
Na	23	45	He	0.096	ug/l	12315.5	500000	
Mg	24	45	He	0.477	ug/l	31.9	500000	
Al	27	45	He	0.973	ug/l	92.3	200000	
K	39	45	He	9.325	ug/l	243.7	500000	
Ca	40	45	H2	0.008	ug/l	6256.3	500000	
Ti	47	45	He	-0.160	ug/l	N/A	5000	
V	51	45	He	-0.419	ug/l	N/A	5000	
Cr	52	45	He	0.068	ug/l	85.9	20000	
Mn	55	45	He	0.126	ug/l	147.0	10000	
Fe	56	45	H2	-0.854	ug/l	N/A	500000	
Co	59	45	He	-0.003	ug/l	N/A	2000	
Ni	60	45	He	0.520	ug/l	9.5	20000	
Cu	63	45	He	-0.004	ug/l	N/A	20000	
Zn	66	45	He	0.253	ug/l	170.5	20000	
As	75	45	He	0.135	ug/l	151.5	5000	
Se	78	45	H2	0.021	ug/l	491.2	2000	
Sr	88	115	He	0.027	ug/l	163.0	5000	
Mo	95	115	He	0.010	ug/l	1.0	2000	
Ag	107	115	He	0.002	ug/l	249.3	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	-0.147	ug/l	N/A	200	
Sb	121	115	He	-0.006	ug/l	N/A	200	
Ba	137	159	He	0.609	ug/l	38.1	20000	
Tl	205	209	He	-0.008	ug/l	N/A	1000	
[Pb]	206	209	He	-0.025	ug/l	N/A		
[Pb]	207	209	He	-0.012	ug/l	N/A		
Pb	208	209	He	0.000	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3391741.10	2.4	88.0	60	125	
Sc (ISICPMS)	45	No Gas	4155879.12	2.0	84.1	60	125	
Sc (ISICPMS)	45	H2	1714406.41	1.5	83.7	60	125	
Sc (ISICPMS)	45	He	48631.04	1.9	82.4	60	125	
Ge (IS)	74	H2	325340.03	1.0	85.4	60	125	
Ge (IS)	74	He	27084.58	0.2	84.9	60	125	
Kr	83	He	40.04	66.1	100.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	85178.19	0.7	86.2	60	125	
Tb (IS)	159	He	527880.11	0.6	90.6	60	125	
Bi (IS)	209	He	464245.21	0.2	94.6	60	125	

Sample Report

File Name 024SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 10:10:00

Sample Name **LCSSRM 460-838209/2-A@5**

Comment ---

Dilution **1.0000**

Vial # 2102

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	365.651	ug/l	2.0	2000	
B	11	6	No Gas	177.461	ug/l	2.3	500	
Na	23	45	He	284.297	ug/l	5.5	500000	
Mg	24	45	He	5067.750	ug/l	1.2	500000	
Al	27	45	He	17624.957	ug/l	0.9	200000	
K	39	45	He	4158.834	ug/l	1.4	500000	
Ca	40	45	H2	10437.319	ug/l	0.9	500000	
Ti	47	45	He	1073.573	ug/l	1.8	5000	
V	51	45	He	392.582	ug/l	1.9	5000	
Cr	52	45	He	268.430	ug/l	0.8	20000	
Mn	55	45	He	989.500	ug/l	0.9	10000	
Fe	56	45	H2	31845.180	ug/l	2.0	500000	
Co	59	45	He	131.629	ug/l	0.9	2000	
Ni	60	45	He	293.939	ug/l	1.4	20000	
Cu	63	45	He	128.979	ug/l	1.7	20000	
Zn	66	45	He	629.576	ug/l	0.8	20000	
As	75	45	He	177.609	ug/l	0.7	5000	
Se	78	45	H2	262.647	ug/l	1.0	2000	
Sr	88	115	He	177.608	ug/l	2.5	5000	
Mo	95	115	He	155.508	ug/l	2.1	2000	
Ag	107	115	He	91.180	ug/l	2.2	100	
Cd	111	115	He	218.934	ug/l	1.8	5000	
Sn	118	115	He	170.756	ug/l	2.5	200	
Sb	121	115	He	215.724	ug/l	0.3	200	>LDR 6020B
Ba	137	159	He	519.246	ug/l	2.8	20000	
Tl	205	209	He	317.676	ug/l	0.5	1000	
[Pb]	206	209	He	263.163	ug/l	1.3		
[Pb]	207	209	He	250.145	ug/l	0.8		
Pb	208	209	He	256.454	ug/l	0.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3414620.23	0.9	88.6	60	125	
Sc (ISICPMS)	45	No Gas	4309325.27	1.2	87.2	60	125	
Sc (ISICPMS)	45	H2	1794985.48	1.1	87.6	60	125	
Sc (ISICPMS)	45	He	51630.82	0.2	87.5	60	125	
Ge (IS)	74	H2	361104.44	0.4	94.8	60	125	
Ge (IS)	74	He	30317.85	0.8	95.0	60	125	
Kr	83	He	53.39	21.7	133.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	88325.57	0.5	89.4	60	125	
Tb (IS)	159	He	548534.13	0.6	94.2	60	125	
Bi (IS)	209	He	474639.41	1.0	96.7	60	125	

Sample Report

File Name 025SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 10:12:18

Sample Name **MB 460-838203/1-A**

Comment ---

Dilution **1.0000**

Vial # 2401

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.046	ug/l	56.2	2000	
B	11	6	No Gas	3.090	ug/l	4.8	500	
Na	23	45	He	-0.421	ug/l	N/A	500000	
Mg	24	45	He	1.339	ug/l	46.4	500000	
Al	27	45	He	1.477	ug/l	138.9	200000	
K	39	45	He	11.224	ug/l	285.3	500000	
Ca	40	45	H2	-0.777	ug/l	N/A	500000	
Ti	47	45	He	0.305	ug/l	76.9	5000	
V	51	45	He	-0.247	ug/l	N/A	5000	
Cr	52	45	He	-0.008	ug/l	N/A	20000	
Mn	55	45	He	-0.035	ug/l	N/A	10000	
Fe	56	45	H2	-0.938	ug/l	N/A	500000	
Co	59	45	He	-0.005	ug/l	N/A	2000	
Ni	60	45	He	0.252	ug/l	48.6	20000	
Cu	63	45	He	-0.006	ug/l	N/A	20000	
Zn	66	45	He	-0.895	ug/l	N/A	20000	
As	75	45	He	0.015	ug/l	166.2	5000	
Se	78	45	H2	0.029	ug/l	420.0	2000	
Sr	88	115	He	-0.004	ug/l	N/A	5000	
Mo	95	115	He	0.035	ug/l	0.8	2000	
Ag	107	115	He	-0.005	ug/l	N/A	100	
Cd	111	115	He	0.011	ug/l	173.2	5000	
Sn	118	115	He	-0.088	ug/l	N/A	200	
Sb	121	115	He	0.033	ug/l	15.8	200	
Ba	137	159	He	0.475	ug/l	0.0	20000	
Tl	205	209	He	0.036	ug/l	4.3	1000	
[Pb]	206	209	He	-0.004	ug/l	N/A		
[Pb]	207	209	He	-0.036	ug/l	N/A		
Pb	208	209	He	-0.018	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3458645.09	2.1	89.8	60	125	
Sc (ISICPMS)	45	No Gas	4367442.40	1.9	88.4	60	125	
Sc (ISICPMS)	45	H2	1811193.10	1.4	88.4	60	125	
Sc (ISICPMS)	45	He	51098.79	0.7	86.6	60	125	
Ge (IS)	74	H2	342407.18	0.6	89.9	60	125	
Ge (IS)	74	He	28953.51	2.3	90.8	60	125	
Kr	83	He	50.05	52.9	125.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	88628.27	0.8	89.7	60	125	
Tb (IS)	159	He	542199.35	0.6	93.1	60	125	
Bi (IS)	209	He	477543.88	0.6	97.3	60	125	

Sample Report

File Name 026SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 10:14:37

Sample Name **LCSSRM 460-838203/2-A@5**

Comment ---

Dilution **1.0000**

Vial # 2402

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	363.528	ug/l	3.7	2000	
B	11	6	No Gas	171.051	ug/l	2.9	500	
Na	23	45	He	272.558	ug/l	1.2	500000	
Mg	24	45	He	5060.360	ug/l	1.0	500000	
Al	27	45	He	17365.441	ug/l	1.9	200000	
K	39	45	He	4190.675	ug/l	1.4	500000	
Ca	40	45	H2	10307.600	ug/l	4.0	500000	
Ti	47	45	He	1003.039	ug/l	1.4	5000	
V	51	45	He	390.324	ug/l	1.9	5000	
Cr	52	45	He	264.821	ug/l	1.6	20000	
Mn	55	45	He	1020.834	ug/l	3.4	10000	
Fe	56	45	H2	30044.090	ug/l	2.2	500000	
Co	59	45	He	135.507	ug/l	2.2	2000	
Ni	60	45	He	301.100	ug/l	1.2	20000	
Cu	63	45	He	131.241	ug/l	1.8	20000	
Zn	66	45	He	641.003	ug/l	1.6	20000	
As	75	45	He	183.600	ug/l	2.3	5000	
Se	78	45	H2	268.857	ug/l	2.0	2000	
Sr	88	115	He	172.751	ug/l	2.1	5000	
Mo	95	115	He	153.486	ug/l	2.5	2000	
Ag	107	115	He	93.876	ug/l	2.4	100	
Cd	111	115	He	219.593	ug/l	1.3	5000	
Sn	118	115	He	170.668	ug/l	0.7	200	
Sb	121	45	He	203.236	ug/l	0.8	200	>LDR 6020B
Ba	137	159	He	517.926	ug/l	1.7	20000	
Tl	205	209	He	318.135	ug/l	0.9	1000	
[Pb]	206	209	He	269.759	ug/l	0.6		
[Pb]	207	209	He	258.047	ug/l	1.1		
Pb	208	209	He	265.415	ug/l	0.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3541696.93	2.0	91.9	60	125	
Sc (ISICPMS)	45	No Gas	4435230.13	3.0	89.8	60	125	
Sc (ISICPMS)	45	H2	1846907.20	1.3	90.1	60	125	
Sc (ISICPMS)	45	He	53467.63	1.5	90.6	60	125	
Ge (IS)	74	H2	371511.32	1.2	97.5	60	125	
Ge (IS)	74	He	31444.85	2.3	98.6	60	125	
Kr	83	He	56.72	71.3	141.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	91383.91	2.0	92.5	60	125	
Tb (IS)	159	He	560923.18	1.1	96.3	60	125	
Bi (IS)	209	He	481009.33	0.1	98.0	60	125	

Sample Report

File Name 027SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 10:16:56

Sample Name **460-255705-C-14-A**

Comment ---

Dilution **1.0000**

Vial # 3408

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.067	ug/l	27.5	2000	
B	11	6	No Gas	4.833	ug/l	3.6	500	
Na	23	45	He	-1.364	ug/l	N/A	500000	
Mg	24	45	He	1.948	ug/l	23.8	500000	
Al	27	45	He	11.224	ug/l	11.6	200000	
K	39	45	He	-5.062	ug/l	N/A	500000	
Ca	40	45	H2	5.918	ug/l	14.2	500000	
Ti	47	45	He	0.026	ug/l	1121.3	5000	
V	51	45	He	-0.427	ug/l	N/A	5000	
Cr	52	45	He	-0.190	ug/l	N/A	20000	
Mn	55	45	He	0.100	ug/l	211.4	10000	
Fe	56	45	H2	4.111	ug/l	4.2	500000	
Co	59	45	He	-0.001	ug/l	N/A	2000	
Ni	60	45	He	0.583	ug/l	22.2	20000	
Cu	63	45	He	1.425	ug/l	12.7	20000	
Zn	66	45	He	1.936	ug/l	56.7	20000	
As	75	45	He	0.007	ug/l	1857.0	5000	
Se	78	45	H2	-0.004	ug/l	N/A	2000	
Sr	88	115	He	0.012	ug/l	327.2	5000	
Mo	95	115	He	0.050	ug/l	13.9	2000	
Ag	107	115	He	0.006	ug/l	1.1	100	
Cd	111	115	He	0.010	ug/l	173.2	5000	
Sn	118	115	He	-0.243	ug/l	N/A	200	
Sb	121	45	He	0.055	ug/l	95.9	200	
Ba	137	159	He	0.560	ug/l	13.1	20000	
Tl	205	209	He	0.049	ug/l	9.0	1000	
[Pb]	206	209	He	0.044	ug/l	80.8		
[Pb]	207	209	He	-0.041	ug/l	N/A		
Pb	208	209	He	0.002	ug/l	902.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3645192.69	1.7	94.6	60	125	
Sc (ISICPMS)	45	No Gas	4620261.14	2.2	93.5	60	125	
Sc (ISICPMS)	45	H2	1852751.99	0.2	90.4	60	125	
Sc (ISICPMS)	45	He	52887.73	1.6	89.6	60	125	
Ge (IS)	74	H2	339613.16	1.0	89.2	60	125	
Ge (IS)	74	He	28629.22	1.7	89.7	60	125	
Kr	83	He	36.70	56.8	91.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	92197.39	0.4	93.3	60	125	
Tb (IS)	159	He	558452.34	0.6	95.9	60	125	
Bi (IS)	209	He	487655.80	0.7	99.4	60	125	

Sample Report

File Name 028SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 10:19:16

Sample Name **460-255710-F-2-B**

Comment ---

Dilution **1.0000**

Vial # 3409

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.037	ug/l	71.4	2000	
B	11	6	No Gas	3.379	ug/l	7.8	500	
Na	23	45	He	-8.501	ug/l	N/A	500000	
Mg	24	45	He	0.625	ug/l	11.1	500000	
Al	27	45	He	1.717	ug/l	128.7	200000	
K	39	45	He	-12.431	ug/l	N/A	500000	
Ca	40	45	H2	3.665	ug/l	4.1	500000	
Ti	47	45	He	0.147	ug/l	256.8	5000	
V	51	45	He	-0.479	ug/l	N/A	5000	
Cr	52	45	He	-0.174	ug/l	N/A	20000	
Mn	55	45	He	0.091	ug/l	199.0	10000	
Fe	56	45	H2	0.927	ug/l	3.2	500000	
Co	59	45	He	0.000	ug/l	N/A	2000	
Ni	60	45	He	0.356	ug/l	17.3	20000	
Cu	63	45	He	0.188	ug/l	51.2	20000	
Zn	66	45	He	-0.454	ug/l	N/A	20000	
As	75	45	He	0.087	ug/l	140.1	5000	
Se	78	45	H2	0.025	ug/l	314.5	2000	
Sr	88	115	He	-0.032	ug/l	N/A	5000	
Mo	95	115	He	0.036	ug/l	38.8	2000	
Ag	107	115	He	-0.006	ug/l	N/A	100	
Cd	111	115	He	0.010	ug/l	173.2	5000	
Sn	118	115	He	-0.311	ug/l	N/A	200	
Sb	121	45	He	0.034	ug/l	43.9	200	
Ba	137	159	He	0.475	ug/l	0.0	20000	
Tl	205	209	He	0.003	ug/l	235.0	1000	
[Pb]	206	209	He	-0.010	ug/l	N/A		
[Pb]	207	209	He	-0.054	ug/l	N/A		
Pb	208	209	He	-0.032	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3619389.22	0.4	93.9	60	125	
Sc (ISICPMS)	45	No Gas	4562331.18	1.5	92.3	60	125	
Sc (ISICPMS)	45	H2	1873857.71	1.6	91.4	60	125	
Sc (ISICPMS)	45	He	54448.10	1.3	92.3	60	125	
Ge (IS)	74	H2	347614.95	1.4	91.3	60	125	
Ge (IS)	74	He	29465.16	1.5	92.4	60	125	
Kr	83	He	46.71	12.4	116.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	95707.33	0.7	96.9	60	125	
Tb (IS)	159	He	565147.47	1.6	97.0	60	125	
Bi (IS)	209	He	493276.77	1.1	100.5	60	125	

Sample Report

File Name 029SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 10:21:37

Sample Name **460-255728-B-2-A**

Comment ---

Dilution **1.0000**

Vial # 3410

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.031	ug/l	31.8	2000	
B	11	6	No Gas	2.740	ug/l	7.1	500	
Na	23	45	He	-14.765	ug/l	N/A	500000	
Mg	24	45	He	1.387	ug/l	35.8	500000	
Al	27	45	He	2.968	ug/l	16.3	200000	
K	39	45	He	-13.937	ug/l	N/A	500000	
Ca	40	45	H2	5.911	ug/l	3.0	500000	
Ti	47	45	He	1.176	ug/l	167.0	5000	
V	51	45	He	-0.430	ug/l	N/A	5000	
Cr	52	45	He	0.203	ug/l	79.1	20000	
Mn	55	45	He	0.067	ug/l	189.1	10000	
Fe	56	45	H2	0.950	ug/l	24.0	500000	
Co	59	45	He	0.002	ug/l	539.0	2000	
Ni	60	45	He	0.339	ug/l	40.0	20000	
Cu	63	45	He	0.748	ug/l	6.5	20000	
Zn	66	45	He	0.461	ug/l	122.4	20000	
As	75	45	He	-0.081	ug/l	N/A	5000	
Se	78	45	H2	0.067	ug/l	63.1	2000	
Sr	88	115	He	0.046	ug/l	171.8	5000	
Mo	95	115	He	0.021	ug/l	2.3	2000	
Ag	107	115	He	0.000	ug/l	N/A	100	
Cd	111	115	He	0.020	ug/l	86.6	5000	
Sn	118	115	He	-0.085	ug/l	N/A	200	
Sb	121	45	He	0.024	ug/l	96.1	200	
Ba	137	159	He	0.475	ug/l	0.0	20000	
Tl	205	209	He	0.007	ug/l	60.9	1000	
[Pb]	206	209	He	0.002	ug/l	1512.9		
[Pb]	207	209	He	-0.034	ug/l	N/A		
Pb	208	209	He	-0.012	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3597631.96	0.7	93.4	60	125	
Sc (ISICPMS)	45	No Gas	4563654.43	1.3	92.4	60	125	
Sc (ISICPMS)	45	H2	1917862.12	1.8	93.6	60	125	
Sc (ISICPMS)	45	He	53735.30	0.4	91.1	60	125	
Ge (IS)	74	H2	348204.22	1.2	91.4	60	125	
Ge (IS)	74	He	29719.38	2.1	93.2	60	125	
Kr	83	He	53.39	43.3	133.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	93952.54	1.9	95.1	60	125	
Tb (IS)	159	He	567298.96	0.4	97.4	60	125	
Bi (IS)	209	He	491231.74	0.8	100.1	60	125	

Sample Report

File Name 030SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 10:23:57

Sample Name **460-255796-C-10-A**

Comment ---

Dilution **1.0000**

Vial # 3411

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.028	ug/l	50.8	2000	
B	11	6	No Gas	2.139	ug/l	12.4	500	
Na	23	45	He	-3.729	ug/l	N/A	500000	
Mg	24	45	He	1.113	ug/l	61.6	500000	
Al	27	45	He	0.951	ug/l	124.0	200000	
K	39	45	He	-3.472	ug/l	N/A	500000	
Ca	40	45	H2	0.873	ug/l	40.9	500000	
Ti	47	45	He	0.676	ug/l	164.9	5000	
V	51	45	He	-0.440	ug/l	N/A	5000	
Cr	52	45	He	-0.022	ug/l	N/A	20000	
Mn	55	45	He	0.160	ug/l	54.5	10000	
Fe	56	45	H2	35.859	ug/l	0.8	500000	
Co	59	45	He	-0.006	ug/l	N/A	2000	
Ni	60	45	He	0.468	ug/l	52.3	20000	
Cu	63	45	He	1.427	ug/l	9.0	20000	
Zn	66	45	He	0.036	ug/l	929.6	20000	
As	75	45	He	0.019	ug/l	762.3	5000	
Se	78	45	H2	-0.052	ug/l	N/A	2000	
Sr	88	115	He	0.010	ug/l	282.3	5000	
Mo	95	115	He	0.008	ug/l	252.0	2000	
Ag	107	115	He	0.008	ug/l	37.6	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	-0.211	ug/l	N/A	200	
Sb	121	45	He	0.053	ug/l	70.4	200	
Ba	137	159	He	0.559	ug/l	12.9	20000	
Tl	205	209	He	-0.002	ug/l	N/A	1000	
[Pb]	206	209	He	0.002	ug/l	1273.5		
[Pb]	207	209	He	-0.061	ug/l	N/A		
Pb	208	209	He	-0.020	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3629959.43	0.7	94.2	60	125	
Sc (ISICPMS)	45	No Gas	4573592.28	0.8	92.6	60	125	
Sc (ISICPMS)	45	H2	1910963.11	1.3	93.3	60	125	
Sc (ISICPMS)	45	He	53535.56	1.6	90.7	60	125	
Ge (IS)	74	H2	349036.60	0.9	91.6	60	125	
Ge (IS)	74	He	29110.72	2.4	91.3	60	125	
Kr	83	He	23.36	24.7	58.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	94937.29	1.3	96.1	60	125	
Tb (IS)	159	He	564715.30	1.0	96.9	60	125	
Bi (IS)	209	He	494219.16	0.2	100.7	60	125	

Sample Report

File Name 031SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 10:26:17

Sample Name **MB 460-838320/1-A**

Comment ---

Dilution **1.0000**

Vial # 3101

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.025	ug/l	15.0	2000	
B	11	6	No Gas	0.882	ug/l	15.9	500	
Na	23	45	He	-13.377	ug/l	N/A	500000	
Mg	24	45	He	0.632	ug/l	72.7	500000	
Al	27	45	He	0.200	ug/l	511.2	200000	
K	39	45	He	1.240	ug/l	1617.3	500000	
Ca	40	45	H2	-0.433	ug/l	N/A	500000	
Ti	47	45	He	0.025	ug/l	444.1	5000	
V	51	45	He	-0.186	ug/l	N/A	5000	
Cr	52	45	He	0.108	ug/l	142.4	20000	
Mn	55	45	He	0.013	ug/l	358.0	10000	
Fe	56	45	H2	-0.974	ug/l	N/A	500000	
Co	59	45	He	-0.011	ug/l	N/A	2000	
Ni	60	45	He	0.206	ug/l	100.8	20000	
Cu	63	45	He	-0.013	ug/l	N/A	20000	
Zn	66	45	He	-1.175	ug/l	N/A	20000	
As	75	45	He	0.064	ug/l	132.9	5000	
Se	78	45	H2	0.010	ug/l	912.8	2000	
Sr	88	115	He	-0.040	ug/l	N/A	5000	
Mo	95	115	He	0.009	ug/l	3.0	2000	
Ag	107	115	He	-0.004	ug/l	N/A	100	
Cd	111	115	He	0.020	ug/l	173.2	5000	
Sn	118	115	He	-0.068	ug/l	N/A	200	
Sb	121	45	He	0.023	ug/l	250.8	200	
Ba	137	159	He	0.475	ug/l	0.0	20000	
Tl	205	209	He	-0.007	ug/l	N/A	1000	
[Pb]	206	209	He	-0.026	ug/l	N/A		
[Pb]	207	209	He	-0.034	ug/l	N/A		
Pb	208	209	He	-0.029	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3608994.39	1.1	93.7	60	125	
Sc (ISICPMS)	45	No Gas	4546291.49	0.5	92.0	60	125	
Sc (ISICPMS)	45	H2	1868615.36	0.9	91.2	60	125	
Sc (ISICPMS)	45	He	53303.80	0.8	90.3	60	125	
Ge (IS)	74	H2	360006.62	0.2	94.5	60	125	
Ge (IS)	74	He	30020.32	3.4	94.1	60	125	
Kr	83	He	36.70	78.7	91.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	92993.54	2.1	94.1	60	125	
Tb (IS)	159	He	554827.31	0.5	95.2	60	125	
Bi (IS)	209	He	487250.32	1.1	99.3	60	125	

Sample Report

File Name 032SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 10:28:37

Sample Name **LCS 460-838320/2-A**

Comment ---

Dilution **1.0000**

Vial # 3102

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	25.645	ug/l	2.5	2000	
B	11	6	No Gas	489.101	ug/l	3.5	500	
Na	23	45	He	2612.889	ug/l	1.5	500000	
Mg	24	45	He	2648.136	ug/l	1.4	500000	
Al	27	45	He	2614.873	ug/l	1.6	200000	
K	39	45	He	2539.397	ug/l	0.3	500000	
Ca	40	45	H2	2614.049	ug/l	2.4	500000	
Ti	47	45	He	50.315	ug/l	5.9	5000	
V	51	45	He	52.870	ug/l	0.9	5000	
Cr	52	45	He	52.042	ug/l	1.8	20000	
Mn	55	45	He	265.644	ug/l	0.6	10000	
Fe	56	45	H2	2673.554	ug/l	3.5	500000	
Co	59	45	He	25.913	ug/l	3.3	2000	
Ni	60	45	He	53.651	ug/l	3.5	20000	
Cu	63	45	He	52.440	ug/l	1.9	20000	
Zn	66	45	He	265.403	ug/l	1.1	20000	
As	75	45	He	53.333	ug/l	2.6	5000	
Se	78	45	H2	50.647	ug/l	1.9	2000	
Sr	88	115	He	49.771	ug/l	3.3	5000	
Mo	95	115	He	50.085	ug/l	2.3	2000	
Ag	107	115	He	25.223	ug/l	2.0	100	
Cd	111	115	He	24.889	ug/l	1.0	5000	
Sn	118	115	He	52.199	ug/l	0.5	200	
Sb	121	45	He	28.648	ug/l	2.0	200	
Ba	137	159	He	48.716	ug/l	3.4	20000	
Tl	205	209	He	20.256	ug/l	0.7	1000	
[Pb]	206	209	He	26.025	ug/l	1.7		
[Pb]	207	209	He	26.053	ug/l	1.1		
Pb	208	209	He	25.823	ug/l	0.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3660378.03	2.7	95.0	60	125	
Sc (ISICPMS)	45	No Gas	4697064.40	1.0	95.1	60	125	
Sc (ISICPMS)	45	H2	1892137.91	1.9	92.3	60	125	
Sc (ISICPMS)	45	He	53634.98	0.7	90.9	60	125	
Ge (IS)	74	H2	354930.58	1.1	93.2	60	125	
Ge (IS)	74	He	29652.50	4.2	93.0	60	125	
Kr	83	He	33.37	45.8	83.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	93941.72	1.1	95.1	60	125	
Tb (IS)	159	He	563089.30	1.8	96.7	60	125	
Bi (IS)	209	He	486371.96	0.4	99.1	60	125	

Continuing Calibration Verification (CCV)

File Name 033_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 10:30:57

Sample Name **CCV 9767647**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	99.474	ug/l	3.3	100	90	110	
B	11	6	No Gas	252.131	ug/l	1.5	250	225	275	
Na	23	45	He	25875.286	ug/l	1.8	25000	22500	27500	
Mg	24	45	He	25471.262	ug/l	1.4	25000	22500	27500	
Al	27	45	He	25210.292	ug/l	2.0	25000	22500	27500	
K	39	45	He	24833.517	ug/l	0.6	25000	22500	27500	
Ca	40	45	H2	24568.394	ug/l	0.5	25000	22500	27500	
Ti	47	45	He	99.707	ug/l	0.6	100	90	110	
V	51	45	He	98.985	ug/l	1.6	100	90	110	
Cr	52	45	He	101.502	ug/l	0.5	100	90	110	
Mn	55	45	He	103.272	ug/l	3.9	100	90	110	
Fe	56	45	H2	25178.788	ug/l	0.5	25000	22500	27500	
Co	59	45	He	100.367	ug/l	0.7	100	90	110	
Ni	60	45	He	100.437	ug/l	1.2	100	90	110	
Cu	63	45	He	100.718	ug/l	1.5	100	90	110	
Zn	66	45	He	255.716	ug/l	0.7	250	225	275	
As	75	45	He	101.082	ug/l	2.1	100	90	110	
Se	78	45	H2	103.216	ug/l	2.4	100	90	110	
Sr	88	115	He	94.362	ug/l	0.3	100	90	110	
Mo	95	115	He	98.554	ug/l	1.4	100	90	110	
Ag	107	115	He	49.762	ug/l	0.7	50	45	55	
Cd	111	115	He	99.162	ug/l	2.7	100	90	110	
Sn	118	115	He	97.634	ug/l	1.8	100	90	110	
Sb	121	45	He	106.712	ug/l	1.9	100	90	110	
Ba	137	159	He	95.872	ug/l	5.7	100	90	110	
Tl	205	209	He	98.257	ug/l	0.8	100	90	110	
[Pb]	206	209	He	98.211	ug/l	0.7				
[Pb]	207	209	He	97.437	ug/l	1.7				
Pb	208	209	He	98.051	ug/l	1.1	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3525001.48	2.6	91.5	60	125	
Sc (ISICPMS)	45	No Gas	4427183.59	0.8	89.6	60	125	
Sc (ISICPMS)	45	H2	1855649.24	2.0	90.6	60	125	
Sc (ISICPMS)	45	He	51732.30	0.9	87.7	60	125	
Ge (IS)	74	H2	362558.51	0.8	95.2	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Ge (IS)	74	He	30505.30	1.6	95.6	60	125	
Kr	83	He	30.03	66.7	75.0			
In-1	115	He	91157.16	0.6	92.2	60	125	
Tb (IS)	159	He	547221.49	0.5	93.9	60	125	
Bi (IS)	209	He	473024.68	0.3	96.4	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 034_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 10:33:15

Sample Name **CCB**

Comment ---

Dilution 1.0000

Analyte Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.030	ug/l	36.8	0.8	-0.8	0.8	
B	11	6	No Gas	6.961	ug/l	3.4	40	-40	40	
Na	23	45	He	2.274	ug/l	170.4	500	-500	500	
Mg	24	45	He	0.739	ug/l	117.8	200	-200	200	
Al	27	45	He	0.702	ug/l	48.8	40	-40	40	
K	39	45	He	-2.349	ug/l	N/A	200	-200	200	
Ca	40	45	H2	-0.879	ug/l	N/A	500	-500	500	
Ti	47	45	He	0.096	ug/l	427.5	4	-4	4	
V	51	45	He	-0.059	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.065	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.008	ug/l	553.1	8	-8	8	
Fe	56	45	H2	-0.282	ug/l	N/A	60	-60	60	
Co	59	45	He	-0.010	ug/l	N/A	4	-4	4	
Ni	60	45	He	0.245	ug/l	40.0	4	-4	4	
Cu	63	45	He	0.002	ug/l	1056.0	4	-4	4	
Zn	66	45	He	-0.714	ug/l	N/A	16	-16	16	
As	75	45	He	-0.049	ug/l	N/A	2	-2	2	
Se	78	45	H2	0.011	ug/l	848.5	2.5	-2.5	2.5	
Sr	88	115	He	0.013	ug/l	308.3	4	-4	4	
Mo	95	115	He	0.017	ug/l	84.8	4	-4	4	
Ag	107	115	He	-0.003	ug/l	N/A	2	-2	2	
Cd	111	115	He	0.010	ug/l	173.2	2	-2	2	
Sn	118	115	He	-0.102	ug/l	N/A	16	-16	16	
Sb	121	45	He	0.057	ug/l	66.3	2	-2	2	
Ba	137	159	He	0.518	ug/l	14.2	4	-4	4	
Tl	205	209	He	0.006	ug/l	26.0	0.8	-0.8	0.8	
[Pb]	206	209	He	-0.072	ug/l	N/A				
[Pb]	207	209	He	-0.082	ug/l	N/A				
Pb	208	209	He	-0.063	ug/l	N/A	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3617671.75	2.8	93.9	60	125	
Sc (ISICPMS)	45	No Gas	4509547.31	2.0	91.3	60	125	
Sc (ISICPMS)	45	H2	1864348.32	0.8	91.0	60	125	
Sc (ISICPMS)	45	He	52373.60	0.7	88.7	60	125	
Ge (IS)	74	H2	357214.47	0.8	93.8	60	125	
Ge (IS)	74	He	29140.89	3.1	91.4	60	125	
Kr	83	He	43.38	70.5	108.3			
In-1	115	He	90786.32	0.4	91.9	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Tb (IS)	159	He	555306.72	0.6	95.3	60	125	
Bi (IS)	209	He	483619.79	1.1	98.5	60	125	

Sample Report

File Name 035SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 10:35:35

Sample Name **460-255599-D-30-B**

Comment ---

Dilution **1.0000**

Vial # 4108

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.027	ug/l	22.2	2000	
B	11	6	No Gas	13.451	ug/l	4.9	500	
Na	23	45	He	21.257	ug/l	33.8	500000	
Mg	24	45	He	1.235	ug/l	63.8	500000	
Al	27	45	He	6.465	ug/l	9.0	200000	
K	39	45	He	8.046	ug/l	108.7	500000	
Ca	40	45	H2	10.648	ug/l	8.8	500000	
Ti	47	45	He	0.153	ug/l	218.1	5000	
V	51	45	He	-0.161	ug/l	N/A	5000	
Cr	52	45	He	0.309	ug/l	89.1	20000	
Mn	55	45	He	0.063	ug/l	120.0	10000	
Fe	56	45	H2	2.028	ug/l	38.8	500000	
Co	59	45	He	-0.006	ug/l	N/A	2000	
Ni	60	45	He	0.322	ug/l	7.4	20000	
Cu	63	45	He	0.176	ug/l	9.0	20000	
Zn	66	45	He	0.070	ug/l	1398.5	20000	
As	75	45	He	0.039	ug/l	272.5	5000	
Se	78	45	H2	-0.020	ug/l	N/A	2000	
Sr	88	115	He	0.013	ug/l	122.3	5000	
Mo	95	115	He	0.017	ug/l	42.5	2000	
Ag	107	115	He	-0.005	ug/l	N/A	100	
Cd	111	115	He	0.010	ug/l	173.2	5000	
Sn	118	115	He	-0.097	ug/l	N/A	200	
Sb	121	45	He	0.058	ug/l	52.1	200	
Ba	137	159	He	1.115	ug/l	10.9	20000	
Tl	205	209	He	-0.002	ug/l	N/A	1000	
[Pb]	206	209	He	-0.043	ug/l	N/A		
[Pb]	207	209	He	-0.044	ug/l	N/A		
Pb	208	209	He	-0.051	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3639519.46	0.4	94.4	60	125	
Sc (ISICPMS)	45	No Gas	4552780.80	0.7	92.1	60	125	
Sc (ISICPMS)	45	H2	1881359.16	1.2	91.8	60	125	
Sc (ISICPMS)	45	He	52783.95	2.1	89.4	60	125	
Ge (IS)	74	H2	357558.96	0.3	93.9	60	125	
Ge (IS)	74	He	30230.89	2.1	94.8	60	125	
Kr	83	He	30.03	66.7	75.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	91782.07	0.2	92.9	60	125	
Tb (IS)	159	He	551737.99	1.0	94.7	60	125	
Bi (IS)	209	He	481353.85	1.3	98.1	60	125	

Sample Report

File Name 036SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 10:37:55

Sample Name **460-255755-A-2-A**

Comment ---

Dilution **1.0000**

Vial # 4109

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.019	ug/l	44.2	2000	
B	11	6	No Gas	12.522	ug/l	2.0	500	
Na	23	45	He	22.908	ug/l	16.0	500000	
Mg	24	45	He	1.510	ug/l	74.9	500000	
Al	27	45	He	5.236	ug/l	35.2	200000	
K	39	45	He	4.901	ug/l	274.3	500000	
Ca	40	45	H2	9.363	ug/l	1.8	500000	
Ti	47	45	He	0.089	ug/l	332.0	5000	
V	51	45	He	-0.097	ug/l	N/A	5000	
Cr	52	45	He	0.209	ug/l	135.8	20000	
Mn	55	45	He	0.077	ug/l	54.0	10000	
Fe	56	45	H2	2.219	ug/l	4.8	500000	
Co	59	45	He	0.000	ug/l	3091.5	2000	
Ni	60	45	He	0.390	ug/l	11.1	20000	
Cu	63	45	He	0.287	ug/l	11.0	20000	
Zn	66	45	He	-1.037	ug/l	N/A	20000	
As	75	45	He	0.048	ug/l	132.9	5000	
Se	78	45	H2	-0.082	ug/l	N/A	2000	
Sr	88	115	He	0.030	ug/l	2.4	5000	
Mo	95	115	He	0.009	ug/l	144.0	2000	
Ag	107	115	He	-0.002	ug/l	N/A	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	-0.079	ug/l	N/A	200	
Sb	121	45	He	0.024	ug/l	13.5	200	
Ba	137	159	He	0.643	ug/l	29.8	20000	
Tl	205	209	He	-0.005	ug/l	N/A	1000	
[Pb]	206	209	He	-0.038	ug/l	N/A		
[Pb]	207	209	He	-0.065	ug/l	N/A		
Pb	208	209	He	-0.067	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3688223.24	2.6	95.7	60	125	
Sc (ISICPMS)	45	No Gas	4612876.15	1.0	93.4	60	125	
Sc (ISICPMS)	45	H2	1886508.27	0.8	92.1	60	125	
Sc (ISICPMS)	45	He	53592.57	0.7	90.8	60	125	
Ge (IS)	74	H2	362109.38	1.6	95.1	60	125	
Ge (IS)	74	He	29913.32	4.3	93.8	60	125	
Kr	83	He	50.05	0.0	125.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	92374.55	0.9	93.5	60	125	
Tb (IS)	159	He	556426.73	1.1	95.5	60	125	
Bi (IS)	209	He	482617.04	1.2	98.3	60	125	

Sample Report

File Name 037SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 10:40:15

Sample Name **460-255484-C-9-A**

Comment ---

Dilution **1.0000**

Vial # 4110

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.021	ug/l	26.5	2000	
B	11	6	No Gas	108.697	ug/l	3.7	500	
Na	23	45	He	131.041	ug/l	5.0	500000	
Mg	24	45	He	2.893	ug/l	45.3	500000	
Al	27	45	He	6.592	ug/l	31.6	200000	
K	39	45	He	1.886	ug/l	1087.8	500000	
Ca	40	45	H2	20.454	ug/l	4.1	500000	
Ti	47	45	He	-0.041	ug/l	N/A	5000	
V	51	45	He	0.020	ug/l	368.5	5000	
Cr	52	45	He	0.291	ug/l	83.0	20000	
Mn	55	45	He	0.563	ug/l	21.2	10000	
Fe	56	45	H2	10.502	ug/l	21.4	500000	
Co	59	45	He	-0.009	ug/l	N/A	2000	
Ni	60	45	He	0.371	ug/l	9.6	20000	
Cu	63	45	He	0.590	ug/l	2.5	20000	
Zn	66	45	He	0.645	ug/l	176.8	20000	
As	75	45	He	-0.023	ug/l	N/A	5000	
Se	78	45	H2	-0.022	ug/l	N/A	2000	
Sr	88	115	He	0.038	ug/l	143.4	5000	
Mo	95	115	He	0.381	ug/l	25.9	2000	
Ag	107	115	He	-0.002	ug/l	N/A	100	
Cd	111	115	He	0.010	ug/l	173.2	5000	
Sn	118	115	He	0.071	ug/l	199.0	200	
Sb	121	45	He	0.029	ug/l	182.8	200	
Ba	137	159	He	0.560	ug/l	13.1	20000	
Tl	205	209	He	-0.007	ug/l	N/A	1000	
[Pb]	206	209	He	0.021	ug/l	238.5		
[Pb]	207	209	He	-0.043	ug/l	N/A		
Pb	208	209	He	0.002	ug/l	295.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3674111.85	1.8	95.3	60	125	
Sc (ISICPMS)	45	No Gas	4606012.57	0.2	93.2	60	125	
Sc (ISICPMS)	45	H2	1909012.45	1.0	93.2	60	125	
Sc (ISICPMS)	45	He	53774.41	1.2	91.1	60	125	
Ge (IS)	74	H2	367328.46	0.2	96.4	60	125	
Ge (IS)	74	He	30234.37	3.2	94.8	60	125	
Kr	83	He	26.69	78.1	66.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	92659.59	1.8	93.8	60	125	
Tb (IS)	159	He	555155.05	0.6	95.3	60	125	
Bi (IS)	209	He	483649.95	0.6	98.5	60	125	

Sample Report

File Name 038SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 10:42:36

Sample Name **460-255608-F-10-A**

Comment ---

Dilution **1.0000**

Vial # 4111

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.015	ug/l	51.3	2000	
B	11	6	No Gas	13.765	ug/l	4.5	500	
Na	23	45	He	24.643	ug/l	25.5	500000	
Mg	24	45	He	12.772	ug/l	7.2	500000	
Al	27	45	He	7.543	ug/l	6.0	200000	
K	39	45	He	4.530	ug/l	243.7	500000	
Ca	40	45	H2	48.699	ug/l	5.6	500000	
Ti	47	45	He	0.218	ug/l	135.2	5000	
V	51	45	He	-0.152	ug/l	N/A	5000	
Cr	52	45	He	0.224	ug/l	72.0	20000	
Mn	55	45	He	0.244	ug/l	5.2	10000	
Fe	56	45	H2	2.814	ug/l	12.2	500000	
Co	59	45	He	-0.001	ug/l	N/A	2000	
Ni	60	45	He	0.307	ug/l	4.3	20000	
Cu	63	45	He	0.197	ug/l	49.0	20000	
Zn	66	45	He	0.696	ug/l	42.3	20000	
As	75	45	He	0.108	ug/l	147.0	5000	
Se	78	45	H2	-0.035	ug/l	N/A	2000	
Sr	88	115	He	0.073	ug/l	19.6	5000	
Mo	95	115	He	0.025	ug/l	114.4	2000	
Ag	107	115	He	0.002	ug/l	283.5	100	
Cd	111	115	He	0.010	ug/l	173.2	5000	
Sn	118	115	He	-0.154	ug/l	N/A	200	
Sb	121	45	He	0.036	ug/l	60.5	200	
Ba	137	159	He	0.688	ug/l	21.5	20000	
Tl	205	209	He	-0.008	ug/l	N/A	1000	
[Pb]	206	209	He	-0.069	ug/l	N/A		
[Pb]	207	209	He	-0.097	ug/l	N/A		
Pb	208	209	He	-0.070	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3638344.32	3.2	94.4	60	125	
Sc (ISICPMS)	45	No Gas	4601795.38	1.8	93.1	60	125	
Sc (ISICPMS)	45	H2	1879114.43	1.9	91.7	60	125	
Sc (ISICPMS)	45	He	53395.23	0.9	90.5	60	125	
Ge (IS)	74	H2	367401.27	0.7	96.5	60	125	
Ge (IS)	74	He	30150.72	0.7	94.5	60	125	
Kr	83	He	43.38	26.6	108.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	92787.47	1.2	93.9	60	125	
Tb (IS)	159	He	556045.70	1.1	95.4	60	125	
Bi (IS)	209	He	481683.05	1.6	98.1	60	125	

Sample Report

File Name 039SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 10:44:56

Sample Name **460-255608-D-13-A**

Comment ---

Dilution **1.0000**

Vial # 4112

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.018	ug/l	107.5	2000	
B	11	6	No Gas	13.962	ug/l	3.6	500	
Na	23	45	He	324.118	ug/l	1.2	500000	
Mg	24	45	He	29.566	ug/l	7.5	500000	
Al	27	45	He	13.088	ug/l	22.0	200000	
K	39	45	He	3.279	ug/l	573.6	500000	
Ca	40	45	H2	205.458	ug/l	1.1	500000	
Ti	47	45	He	0.209	ug/l	104.3	5000	
V	51	45	He	0.020	ug/l	892.2	5000	
Cr	52	45	He	0.681	ug/l	37.9	20000	
Mn	55	45	He	0.136	ug/l	80.9	10000	
Fe	56	45	H2	2.277	ug/l	6.3	500000	
Co	59	45	He	-0.003	ug/l	N/A	2000	
Ni	60	45	He	0.300	ug/l	31.9	20000	
Cu	63	45	He	0.203	ug/l	39.5	20000	
Zn	66	45	He	2.244	ug/l	32.8	20000	
As	75	45	He	0.017	ug/l	500.9	5000	
Se	78	45	H2	-0.004	ug/l	N/A	2000	
Sr	88	115	He	0.346	ug/l	21.2	5000	
Mo	95	115	He	0.033	ug/l	64.1	2000	
Ag	107	115	He	0.001	ug/l	1200.9	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	0.271	ug/l	34.7	200	
Sb	121	45	He	0.260	ug/l	28.5	200	
Ba	137	159	He	0.984	ug/l	12.4	20000	
Tl	205	209	He	-0.009	ug/l	N/A	1000	
[Pb]	206	209	He	-0.080	ug/l	N/A		
[Pb]	207	209	He	-0.058	ug/l	N/A		
Pb	208	209	He	-0.062	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3639125.92	2.0	94.4	60	125	
Sc (ISICPMS)	45	No Gas	4598139.70	1.6	93.1	60	125	
Sc (ISICPMS)	45	H2	1860662.16	0.9	90.8	60	125	
Sc (ISICPMS)	45	He	54334.34	0.1	92.1	60	125	
Ge (IS)	74	H2	374140.55	0.6	98.2	60	125	
Ge (IS)	74	He	31294.56	1.2	98.1	60	125	
Kr	83	He	20.02	50.0	50.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	92586.29	1.0	93.7	60	125	
Tb (IS)	159	He	555503.79	1.0	95.4	60	125	
Bi (IS)	209	He	484823.33	1.2	98.8	60	125	

Sample Report

File Name 040SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 10:47:16

Sample Name **pds 460-255793-G-1-A**

Comment ---

Dilution **1.0000**

Vial # 3103

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	27.181	ug/l	4.0	2000	
B	11	6	No Gas	516.557	ug/l	2.1	500	>LDR 6020B
Na	23	45	He	154338.556	ug/l	1.7	500000	
Mg	24	45	He	7254.509	ug/l	0.2	500000	
Al	27	45	He	2768.629	ug/l	0.8	200000	
K	39	45	He	6148.969	ug/l	2.3	500000	
Ca	40	45	H2	37719.890	ug/l	1.6	500000	
Ti	47	45	He	57.325	ug/l	8.7	5000	
V	51	45	He	54.739	ug/l	1.6	5000	
Cr	52	45	He	54.362	ug/l	2.5	20000	
Mn	55	45	He	288.057	ug/l	1.6	10000	
Fe	56	45	H2	3058.088	ug/l	1.0	500000	
Co	59	45	He	27.196	ug/l	3.0	2000	
Ni	60	45	He	54.852	ug/l	2.3	20000	
Cu	63	45	He	54.763	ug/l	0.1	20000	
Zn	66	45	He	282.915	ug/l	2.2	20000	
As	75	45	He	55.366	ug/l	2.4	5000	
Se	78	45	H2	54.420	ug/l	5.2	2000	
Sr	88	115	He	217.757	ug/l	1.7	5000	
Mo	95	115	He	53.984	ug/l	3.0	2000	
Ag	107	115	He	24.044	ug/l	1.2	100	
Cd	111	115	He	27.598	ug/l	4.7	5000	
Sn	118	115	He	55.689	ug/l	1.9	200	
Sb	121	45	He	29.849	ug/l	3.4	200	
Ba	137	159	He	92.077	ug/l	3.7	20000	
Tl	205	209	He	21.453	ug/l	0.6	1000	
[Pb]	206	209	He	27.409	ug/l	1.4		
[Pb]	207	209	He	27.548	ug/l	1.1		
Pb	208	209	He	27.194	ug/l	1.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3556658.97	1.2	92.3	60	125	
Sc (ISICPMS)	45	No Gas	4523067.39	3.1	91.5	60	125	
Sc (ISICPMS)	45	H2	1793802.18	2.0	87.5	60	125	
Sc (ISICPMS)	45	He	49782.90	0.4	84.4	60	125	
Ge (IS)	74	H2	352896.04	1.8	92.6	60	125	
Ge (IS)	74	He	28843.23	0.4	90.4	60	125	
Kr	83	He	26.69	43.3	66.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	86235.47	0.5	87.3	60	125	
Tb (IS)	159	He	536884.76	0.5	92.2	60	125	
Bi (IS)	209	He	459298.85	0.4	93.6	60	125	

Sample Report

File Name 041SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 10:49:35

Sample Name **460-255793-G-1-B MS**

Comment ---

Dilution **1.0000**

Vial # 3104

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	26.308	ug/l	2.8	2000	
B	11	6	No Gas	514.686	ug/l	1.3	500	>LDR 6020B
Na	23	45	He	148900.767	ug/l	3.5	500000	
Mg	24	45	He	7193.366	ug/l	1.0	500000	
Al	27	45	He	2708.453	ug/l	2.3	200000	
K	39	45	He	6083.508	ug/l	2.2	500000	
Ca	40	45	H2	37143.032	ug/l	1.6	500000	
Ti	47	45	He	53.922	ug/l	9.8	5000	
V	51	45	He	54.042	ug/l	1.7	5000	
Cr	52	45	He	54.204	ug/l	1.0	20000	
Mn	55	45	He	289.520	ug/l	1.1	10000	
Fe	56	45	H2	3014.149	ug/l	1.0	500000	
Co	59	45	He	26.528	ug/l	1.9	2000	
Ni	60	45	He	56.438	ug/l	2.0	20000	
Cu	63	45	He	54.148	ug/l	2.8	20000	
Zn	66	45	He	275.470	ug/l	1.1	20000	
As	75	45	He	54.850	ug/l	4.4	5000	
Se	78	45	H2	54.432	ug/l	3.6	2000	
Sr	88	115	He	210.784	ug/l	1.8	5000	
Mo	95	115	He	53.524	ug/l	1.0	2000	
Ag	107	115	He	26.197	ug/l	0.5	100	
Cd	111	115	He	26.768	ug/l	2.3	5000	
Sn	118	115	He	54.115	ug/l	2.6	200	
Sb	121	45	He	29.822	ug/l	1.4	200	
Ba	137	159	He	93.346	ug/l	0.8	20000	
Tl	205	209	He	21.131	ug/l	2.3	1000	
[Pb]	206	209	He	26.147	ug/l	1.5		
[Pb]	207	209	He	26.686	ug/l	1.6		
Pb	208	209	He	26.574	ug/l	1.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3331951.20	1.2	86.5	60	125	
Sc (ISICPMS)	45	No Gas	4254302.64	0.8	86.1	60	125	
Sc (ISICPMS)	45	H2	1717454.32	3.4	83.8	60	125	
Sc (ISICPMS)	45	He	48572.00	1.7	82.3	60	125	
Ge (IS)	74	H2	343441.83	0.7	90.2	60	125	
Ge (IS)	74	He	28806.45	3.9	90.3	60	125	
Kr	83	He	46.71	53.9	116.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	85092.62	1.4	86.1	60	125	
Tb (IS)	159	He	534563.02	0.5	91.8	60	125	
Bi (IS)	209	He	459619.80	0.4	93.6	60	125	

Sample Report

File Name 042SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 10:51:52

Sample Name **460-255793-A-1-A DU**

Comment ---

Dilution **1.0000**

Vial # 3105

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.027	ug/l	1.9	2000	
B	11	6	No Gas	11.862	ug/l	3.9	500	
Na	23	45	He	151687.423	ug/l	2.0	500000	
Mg	24	45	He	4557.215	ug/l	0.7	500000	
Al	27	45	He	63.258	ug/l	5.0	200000	
K	39	45	He	3496.523	ug/l	0.4	500000	
Ca	40	45	H2	34532.762	ug/l	1.2	500000	
Ti	47	45	He	0.402	ug/l	52.9	5000	
V	51	45	He	-0.227	ug/l	N/A	5000	
Cr	52	45	He	-0.294	ug/l	N/A	20000	
Mn	55	45	He	9.164	ug/l	3.8	10000	
Fe	56	45	H2	287.858	ug/l	0.5	500000	
Co	59	45	He	0.119	ug/l	32.9	2000	
Ni	60	45	He	1.035	ug/l	5.4	20000	
Cu	63	45	He	0.204	ug/l	5.7	20000	
Zn	66	45	He	0.173	ug/l	250.7	20000	
As	75	45	He	0.532	ug/l	31.2	5000	
Se	78	45	H2	0.037	ug/l	231.5	2000	
Sr	88	115	He	161.145	ug/l	2.1	5000	
Mo	95	115	He	0.172	ug/l	35.2	2000	
Ag	107	115	He	-0.002	ug/l	N/A	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	-0.011	ug/l	N/A	200	
Sb	121	45	He	0.100	ug/l	32.4	200	
Ba	137	159	He	41.721	ug/l	8.5	20000	
Tl	205	209	He	0.011	ug/l	21.9	1000	
[Pb]	206	209	He	-0.058	ug/l	N/A		
[Pb]	207	209	He	-0.065	ug/l	N/A		
Pb	208	209	He	-0.075	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3331701.34	1.2	86.5	60	125	
Sc (ISICPMS)	45	No Gas	4247779.82	1.9	86.0	60	125	
Sc (ISICPMS)	45	H2	1726798.79	0.6	84.3	60	125	
Sc (ISICPMS)	45	He	48675.62	0.2	82.5	60	125	
Ge (IS)	74	H2	350569.05	0.4	92.0	60	125	
Ge (IS)	74	He	28602.43	1.6	89.7	60	125	
Kr	83	He	23.36	24.7	58.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	85167.93	1.0	86.2	60	125	
Tb (IS)	159	He	529746.71	0.3	90.9	60	125	
Bi (IS)	209	He	459798.79	0.4	93.7	60	125	

Sample Report

File Name 043SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 10:54:11

Sample Name **460-255793-G-1-A**

Comment ---

Dilution **1.0000**

Vial # 3106

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.013	ug/l	75.1	2000	
B	11	6	No Gas	6.589	ug/l	2.5	500	
Na	23	45	He	149614.624	ug/l	1.5	500000	
Mg	24	45	He	4547.903	ug/l	2.3	500000	
Al	27	45	He	59.141	ug/l	2.9	200000	
K	39	45	He	3490.347	ug/l	2.7	500000	
Ca	40	45	H2	34995.658	ug/l	1.9	500000	
Ti	47	45	He	0.123	ug/l	102.5	5000	
V	51	45	He	-0.265	ug/l	N/A	5000	
Cr	52	45	He	-0.027	ug/l	N/A	20000	
Mn	55	45	He	8.546	ug/l	6.2	10000	
Fe	56	45	H2	285.176	ug/l	2.7	500000	
Co	59	45	He	0.138	ug/l	26.0	2000	
Ni	60	45	He	1.051	ug/l	21.2	20000	
Cu	63	45	He	0.124	ug/l	20.4	20000	
Zn	66	45	He	0.741	ug/l	13.6	20000	
As	75	45	He	0.762	ug/l	52.2	5000	
Se	78	45	H2	0.089	ug/l	169.4	2000	
Sr	88	115	He	164.480	ug/l	0.7	5000	
Mo	95	115	He	0.133	ug/l	41.3	2000	
Ag	107	115	He	-0.001	ug/l	N/A	100	
Cd	111	115	He	0.011	ug/l	173.2	5000	
Sn	118	115	He	-0.283	ug/l	N/A	200	
Sb	121	45	He	0.060	ug/l	60.2	200	
Ba	137	159	He	44.789	ug/l	5.7	20000	
Tl	205	209	He	0.009	ug/l	106.3	1000	
[Pb]	206	209	He	-0.079	ug/l	N/A		
[Pb]	207	209	He	-0.107	ug/l	N/A		
Pb	208	209	He	-0.085	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3271954.01	0.7	84.9	60	125	
Sc (ISICPMS)	45	No Gas	4165977.50	0.9	84.3	60	125	
Sc (ISICPMS)	45	H2	1715632.75	1.5	83.7	60	125	
Sc (ISICPMS)	45	He	48380.19	1.2	82.0	60	125	
Ge (IS)	74	H2	341882.67	0.2	89.8	60	125	
Ge (IS)	74	He	28355.00	2.6	88.9	60	125	
Kr	83	He	16.68	34.6	41.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	84228.29	0.6	85.2	60	125	
Tb (IS)	159	He	525480.66	0.6	90.2	60	125	
Bi (IS)	209	He	456955.99	0.9	93.1	60	125	

Sample Report

File Name 044SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 10:56:30

Sample Name **sd 460-255793-G-1-A**

Comment ---

Dilution **1.0000**

Vial # 3107

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.018	ug/l	47.5	2000	
B	11	6	No Gas	3.994	ug/l	3.1	500	
Na	23	45	He	30962.538	ug/l	0.4	500000	
Mg	24	45	He	935.482	ug/l	0.5	500000	
Al	27	45	He	11.744	ug/l	15.7	200000	
K	39	45	He	711.886	ug/l	3.8	500000	
Ca	40	45	H2	7127.104	ug/l	1.1	500000	
Ti	47	45	He	-0.090	ug/l	N/A	5000	
V	51	45	He	-0.190	ug/l	N/A	5000	
Cr	52	45	He	0.003	ug/l	6818.6	20000	
Mn	55	45	He	1.930	ug/l	13.1	10000	
Fe	56	45	H2	57.046	ug/l	1.2	500000	
Co	59	45	He	0.023	ug/l	45.7	2000	
Ni	60	45	He	0.828	ug/l	28.6	20000	
Cu	63	45	He	0.106	ug/l	96.0	20000	
Zn	66	45	He	-1.024	ug/l	N/A	20000	
As	75	45	He	0.172	ug/l	116.8	5000	
Se	78	45	H2	0.050	ug/l	201.1	2000	
Sr	88	115	He	32.693	ug/l	2.7	5000	
Mo	95	115	He	0.069	ug/l	11.6	2000	
Ag	107	115	He	-0.002	ug/l	N/A	100	
Cd	111	115	He	0.011	ug/l	173.2	5000	
Sn	118	115	He	0.046	ug/l	363.3	200	
Sb	121	45	He	0.072	ug/l	56.1	200	
Ba	137	159	He	8.231	ug/l	15.9	20000	
Tl	205	209	He	-0.005	ug/l	N/A	1000	
[Pb]	206	209	He	-0.083	ug/l	N/A		
[Pb]	207	209	He	-0.085	ug/l	N/A		
Pb	208	209	He	-0.090	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3320461.13	2.3	86.2	60	125	
Sc (ISICPMS)	45	No Gas	4264467.76	1.4	86.3	60	125	
Sc (ISICPMS)	45	H2	1760031.55	0.9	85.9	60	125	
Sc (ISICPMS)	45	He	48298.80	0.5	81.8	60	125	
Ge (IS)	74	H2	343247.32	0.9	90.1	60	125	
Ge (IS)	74	He	28639.30	3.1	89.8	60	125	
Kr	83	He	40.04	43.3	100.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	84721.33	1.2	85.7	60	125	
Tb (IS)	159	He	523390.84	1.4	89.8	60	125	
Bi (IS)	209	He	456085.64	0.8	92.9	60	125	

Continuing Calibration Verification (CCV)

File Name 045_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 10:58:48

Sample Name **CCV 9767647**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	100.087	ug/l	0.6	100	90	110	
B	11	6	No Gas	249.161	ug/l	2.1	250	225	275	
Na	23	45	He	25509.892	ug/l	4.0	25000	22500	27500	
Mg	24	45	He	25558.189	ug/l	1.3	25000	22500	27500	
Al	27	45	He	24941.350	ug/l	1.2	25000	22500	27500	
K	39	45	He	24737.565	ug/l	1.3	25000	22500	27500	
Ca	40	45	H2	24712.767	ug/l	1.9	25000	22500	27500	
Ti	47	45	He	101.297	ug/l	4.0	100	90	110	
V	51	45	He	100.083	ug/l	0.9	100	90	110	
Cr	52	45	He	100.411	ug/l	0.6	100	90	110	
Mn	55	45	He	101.914	ug/l	2.8	100	90	110	
Fe	56	45	H2	25302.020	ug/l	1.4	25000	22500	27500	
Co	59	45	He	100.180	ug/l	1.3	100	90	110	
Ni	60	45	He	100.034	ug/l	2.0	100	90	110	
Cu	63	45	He	100.904	ug/l	0.6	100	90	110	
Zn	66	45	He	252.610	ug/l	2.6	250	225	275	
As	75	45	He	100.916	ug/l	0.3	100	90	110	
Se	78	45	H2	100.085	ug/l	3.8	100	90	110	
Sr	88	115	He	96.835	ug/l	3.5	100	90	110	
Mo	95	115	He	99.262	ug/l	1.0	100	90	110	
Ag	107	115	He	50.549	ug/l	1.0	50	45	55	
Cd	111	115	He	99.899	ug/l	0.6	100	90	110	
Sn	118	115	He	100.930	ug/l	1.3	100	90	110	
Sb	121	45	He	104.624	ug/l	0.7	100	90	110	
Ba	137	159	He	90.810	ug/l	2.0	100	90	110	
Tl	205	209	He	97.607	ug/l	1.2	100	90	110	
[Pb]	206	209	He	97.529	ug/l	1.0				
[Pb]	207	209	He	97.341	ug/l	1.8				
Pb	208	209	He	97.587	ug/l	0.9	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3307812.00	0.4	85.8	60	125	
Sc (ISICPMS)	45	No Gas	4206584.56	0.6	85.1	60	125	
Sc (ISICPMS)	45	H2	1739047.70	1.2	84.9	60	125	
Sc (ISICPMS)	45	He	48902.02	0.6	82.9	60	125	
Ge (IS)	74	H2	339941.24	0.5	89.2	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Ge (IS)	74	He	28712.82	1.6	90.0	60	125	
Kr	83	He	40.04	43.3	100.0			
In-1	115	He	84234.63	0.6	85.2	60	125	
Tb (IS)	159	He	528294.26	2.0	90.7	60	125	
Bi (IS)	209	He	459498.74	0.9	93.6	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 046_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 11:01:05

Sample Name **CCB**

Comment ---

Dilution 1.0000

Multiplier Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.031	ug/l	23.9	0.8	-0.8	0.8	
B	11	6	No Gas	5.530	ug/l	3.6	40	-40	40	
Na	23	45	He	17.934	ug/l	43.4	500	-500	500	
Mg	24	45	He	0.355	ug/l	273.2	200	-200	200	
Al	27	45	He	0.843	ug/l	286.6	40	-40	40	
K	39	45	He	-2.102	ug/l	N/A	200	-200	200	
Ca	40	45	H2	-0.152	ug/l	N/A	500	-500	500	
Ti	47	45	He	-0.163	ug/l	N/A	4	-4	4	
V	51	45	He	-0.224	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.129	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.158	ug/l	50.8	8	-8	8	
Fe	56	45	H2	-0.222	ug/l	N/A	60	-60	60	
Co	59	45	He	0.001	ug/l	1556.8	4	-4	4	
Ni	60	45	He	0.318	ug/l	15.2	4	-4	4	
Cu	63	45	He	-0.058	ug/l	N/A	4	-4	4	
Zn	66	45	He	-1.125	ug/l	N/A	16	-16	16	
As	75	45	He	0.090	ug/l	53.5	2	-2	2	
Se	78	45	H2	0.034	ug/l	280.7	2.5	-2.5	2.5	
Sr	88	115	He	0.018	ug/l	248.9	4	-4	4	
Mo	95	115	He	0.032	ug/l	64.0	4	-4	4	
Ag	107	115	He	-0.005	ug/l	N/A	2	-2	2	
Cd	111	115	He	0.011	ug/l	173.2	2	-2	2	
Sn	118	115	He	0.023	ug/l	756.1	16	-16	16	
Sb	121	45	He	0.049	ug/l	78.8	2	-2	2	
Ba	137	159	He	0.475	ug/l	0.0	4	-4	4	
Tl	205	209	He	0.009	ug/l	138.4	0.8	-0.8	0.8	
[Pb]	206	209	He	-0.044	ug/l	N/A				
[Pb]	207	209	He	-0.083	ug/l	N/A				
Pb	208	209	He	-0.070	ug/l	N/A	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3419235.40	1.6	88.7	60	125	
Sc (ISICPMS)	45	No Gas	4292236.36	1.4	86.9	60	125	
Sc (ISICPMS)	45	H2	1751167.58	1.3	85.5	60	125	
Sc (ISICPMS)	45	He	48493.85	2.0	82.2	60	125	
Ge (IS)	74	H2	332077.09	0.3	87.2	60	125	
Ge (IS)	74	He	27662.93	3.9	86.7	60	125	
Kr	83	He	26.69	57.3	66.7			
In-1	115	He	84935.20	0.3	86.0	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Tb (IS)	159	He	527301.21	1.3	90.5	60	125	
Bi (IS)	209	He	462492.45	1.1	94.2	60	125	

Sample Report

File Name 047SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 11:03:26

Sample Name **MB 460-838260/1-A**

Comment ---

Dilution **1.0000**

Vial # 3101

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.015	ug/l	51.1	2000	
B	11	6	No Gas	3.015	ug/l	7.7	500	
Na	23	45	He	19.499	ug/l	37.0	500000	
Mg	24	45	He	0.558	ug/l	54.7	500000	
Al	27	45	He	0.635	ug/l	292.5	200000	
K	39	45	He	-3.290	ug/l	N/A	500000	
Ca	40	45	H2	-0.593	ug/l	N/A	500000	
Ti	47	45	He	0.413	ug/l	140.0	5000	
V	51	45	He	-0.234	ug/l	N/A	5000	
Cr	52	45	He	-0.044	ug/l	N/A	20000	
Mn	55	45	He	0.119	ug/l	68.6	10000	
Fe	56	45	H2	-0.916	ug/l	N/A	500000	
Co	59	45	He	-0.003	ug/l	N/A	2000	
Ni	60	45	He	0.198	ug/l	43.6	20000	
Cu	63	45	He	-0.026	ug/l	N/A	20000	
Zn	66	45	He	-1.474	ug/l	N/A	20000	
As	75	45	He	0.060	ug/l	166.3	5000	
Se	78	45	H2	-0.062	ug/l	N/A	2000	
Sr	88	115	He	-0.002	ug/l	N/A	5000	
Mo	95	115	He	0.023	ug/l	59.2	2000	
Ag	107	115	He	0.006	ug/l	139.6	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	-0.117	ug/l	N/A	200	
Sb	121	45	He	0.002	ug/l	1104.5	200	
Ba	137	159	He	0.565	ug/l	13.8	20000	
Tl	205	209	He	-0.012	ug/l	N/A	1000	
[Pb]	206	209	He	-0.097	ug/l	N/A		
[Pb]	207	209	He	-0.141	ug/l	N/A		
Pb	208	209	He	-0.103	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3403800.09	1.3	88.3	60	125	
Sc (ISICPMS)	45	No Gas	4265349.94	1.7	86.3	60	125	
Sc (ISICPMS)	45	H2	1739757.72	0.8	84.9	60	125	
Sc (ISICPMS)	45	He	48245.29	1.5	81.7	60	125	
Ge (IS)	74	H2	327577.76	1.3	86.0	60	125	
Ge (IS)	74	He	26683.21	1.3	83.6	60	125	
Kr	83	He	26.69	21.7	66.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	85318.14	0.9	86.3	60	125	
Tb (IS)	159	He	524019.29	1.4	89.9	60	125	
Bi (IS)	209	He	462688.45	0.4	94.3	60	125	

Sample Report

File Name 048SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 11:05:46

Sample Name **LCS 460-838260/2-A**

Comment ---

Dilution **1.0000**

Vial # 3102

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	25.766	ug/l	1.4	2000	
B	11	6	No Gas	493.240	ug/l	1.8	500	
Na	23	45	He	2719.492	ug/l	3.1	500000	
Mg	24	45	He	2643.286	ug/l	1.8	500000	
Al	27	45	He	2587.211	ug/l	3.3	200000	
K	39	45	He	2514.527	ug/l	2.8	500000	
Ca	40	45	H2	2652.268	ug/l	3.5	500000	
Ti	47	45	He	49.080	ug/l	6.4	5000	
V	51	45	He	51.765	ug/l	2.7	5000	
Cr	52	45	He	52.777	ug/l	3.9	20000	
Mn	55	45	He	269.829	ug/l	3.8	10000	
Fe	56	45	H2	2729.640	ug/l	3.4	500000	
Co	59	45	He	25.670	ug/l	3.0	2000	
Ni	60	45	He	53.654	ug/l	2.8	20000	
Cu	63	45	He	53.577	ug/l	2.3	20000	
Zn	66	45	He	267.184	ug/l	3.7	20000	
As	75	45	He	54.331	ug/l	3.4	5000	
Se	78	45	H2	51.918	ug/l	5.7	2000	
Sr	88	115	He	51.237	ug/l	3.5	5000	
Mo	95	115	He	51.248	ug/l	1.4	2000	
Ag	107	115	He	26.214	ug/l	2.8	100	
Cd	111	115	He	25.596	ug/l	2.3	5000	
Sn	118	115	He	53.539	ug/l	0.8	200	
Sb	121	45	He	29.950	ug/l	4.1	200	
Ba	137	159	He	49.287	ug/l	5.6	20000	
Tl	205	209	He	20.139	ug/l	0.1	1000	
[Pb]	206	209	He	25.408	ug/l	1.7		
[Pb]	207	209	He	25.789	ug/l	1.1		
Pb	208	209	He	25.511	ug/l	0.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3432618.35	0.6	89.1	60	125	
Sc (ISICPMS)	45	No Gas	4305208.49	0.6	87.1	60	125	
Sc (ISICPMS)	45	H2	1750801.83	3.4	85.4	60	125	
Sc (ISICPMS)	45	He	49049.13	1.7	83.1	60	125	
Ge (IS)	74	H2	329556.83	1.5	86.5	60	125	
Ge (IS)	74	He	27037.87	2.2	84.8	60	125	
Kr	83	He	30.03	0.0	75.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	85322.68	1.6	86.3	60	125	
Tb (IS)	159	He	534500.51	1.0	91.7	60	125	
Bi (IS)	209	He	471084.23	0.7	96.0	60	125	

Sample Report

File Name 049SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 11:08:04

Sample Name **pds 460-255599-A-3-A**

Comment ---

Dilution **1.0000**

Vial # 2103

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	30.143	ug/l	2.5	2000	
B	11	6	No Gas	554.789	ug/l	2.6	500	>LDR 6020B
Na	23	45	He	2984.770	ug/l	1.8	500000	
Mg	24	45	He	5818.218	ug/l	0.5	500000	
Al	27	45	He	74293.875	ug/l	0.7	200000	
K	39	45	He	4228.349	ug/l	2.7	500000	
Ca	40	45	H2	34589.337	ug/l	0.8	500000	
Ti	47	45	He	731.182	ug/l	1.7	5000	
V	51	45	He	182.530	ug/l	1.6	5000	
Cr	52	45	He	171.934	ug/l	0.9	20000	
Mn	55	45	He	482.601	ug/l	1.3	10000	
Fe	56	45	H2	288701.028	ug/l	1.1	500000	
Co	59	45	He	39.537	ug/l	2.4	2000	
Ni	60	45	He	82.504	ug/l	2.2	20000	
Cu	63	45	He	96.601	ug/l	1.9	20000	
Zn	66	45	He	492.080	ug/l	1.8	20000	
As	75	45	He	117.954	ug/l	2.0	5000	
Se	78	45	H2	57.327	ug/l	2.3	2000	
Sr	88	115	He	280.103	ug/l	1.2	5000	
Mo	95	115	He	64.213	ug/l	1.4	2000	
Ag	107	115	He	24.928	ug/l	1.3	100	
Cd	111	115	He	57.299	ug/l	0.9	5000	
Sn	118	115	He	57.544	ug/l	3.7	200	
Sb	121	45	He	31.005	ug/l	1.4	200	
Ba	137	159	He	319.611	ug/l	0.9	20000	
Tl	205	209	He	21.965	ug/l	0.8	1000	
[Pb]	206	209	He	541.675	ug/l	0.2		
[Pb]	207	209	He	506.511	ug/l	0.2		
Pb	208	209	He	520.896	ug/l	0.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3497363.66	3.6	90.8	60	125	
Sc (ISICPMS)	45	No Gas	4630800.48	2.1	93.7	60	125	
Sc (ISICPMS)	45	H2	1909428.41	2.8	93.2	60	125	
Sc (ISICPMS)	45	He	55399.76	0.7	93.9	60	125	
Ge (IS)	74	H2	378082.11	1.4	99.3	60	125	
Ge (IS)	74	He	32451.73	1.2	101.7	60	125	
Kr	83	He	50.05	72.1	125.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	92868.00	0.5	94.0	60	125	
Tb (IS)	159	He	563997.52	0.2	96.8	60	125	
Bi (IS)	209	He	482154.83	0.6	98.2	60	125	

Sample Report

File Name 050SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 11:10:23

Sample Name **460-255599-A-3-C MS**

Comment ---

Dilution **1.0000**

Vial # 2104

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	52.342	ug/l	0.8	2000	
B	11	6	No Gas	962.330	ug/l	1.3	500	>LDR 6020B
Na	23	45	He	5013.527	ug/l	0.7	500000	
Mg	24	45	He	7590.677	ug/l	1.8	500000	
Al	27	45	He	88738.001	ug/l	0.7	200000	
K	39	45	He	6042.426	ug/l	1.0	500000	
Ca	40	45	H2	34446.442	ug/l	1.9	500000	
Ti	47	45	He	859.126	ug/l	3.5	5000	
V	51	45	He	239.116	ug/l	0.6	5000	
Cr	52	45	He	221.807	ug/l	2.2	20000	
Mn	55	45	He	697.514	ug/l	1.3	10000	
Fe	56	45	H2	339803.970	ug/l	3.3	500000	
Co	59	45	He	60.779	ug/l	2.0	2000	
Ni	60	45	He	130.832	ug/l	2.0	20000	
Cu	63	45	He	141.457	ug/l	1.7	20000	
Zn	66	45	He	701.668	ug/l	0.7	20000	
As	75	45	He	180.080	ug/l	1.6	5000	
Se	78	45	H2	97.195	ug/l	2.8	2000	
Sr	88	115	He	256.288	ug/l	0.0	5000	
Mo	95	115	He	106.508	ug/l	2.1	2000	
Ag	107	115	He	48.744	ug/l	2.2	100	
Cd	111	115	He	76.663	ug/l	1.9	5000	
Sn	118	115	He	99.385	ug/l	2.6	200	
Sb	121	45	He	37.130	ug/l	2.6	200	
Ba	137	159	He	359.244	ug/l	2.4	20000	
Tl	205	209	He	39.066	ug/l	0.7	1000	
[Pb]	206	209	He	487.829	ug/l	1.0		
[Pb]	207	209	He	453.744	ug/l	0.2		
Pb	208	209	He	467.747	ug/l	0.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3661962.55	0.3	95.0	60	125	
Sc (ISICPMS)	45	No Gas	4956372.40	1.4	100.3	60	125	
Sc (ISICPMS)	45	H2	1976023.02	1.5	96.4	60	125	
Sc (ISICPMS)	45	He	57692.21	1.1	97.8	60	125	
Ge (IS)	74	H2	393514.12	0.5	103.3	60	125	
Ge (IS)	74	He	33214.44	0.4	104.1	60	125	
Kr	83	He	40.04	43.3	100.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	94504.95	1.2	95.6	60	125	
Tb (IS)	159	He	574054.32	1.6	98.5	60	125	
Bi (IS)	209	He	486585.95	0.5	99.1	60	125	

Sample Report

File Name 051SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 11:12:42

Sample Name **460-255599-A-3-B DU**

Comment ---

Dilution **1.0000**

Vial # 2105

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	2.956	ug/l	0.6	2000	
B	11	6	No Gas	36.697	ug/l	1.0	500	
Na	23	45	He	283.272	ug/l	3.4	500000	
Mg	24	45	He	2794.928	ug/l	0.6	500000	
Al	27	45	He	73969.574	ug/l	0.9	200000	
K	39	45	He	1550.584	ug/l	0.6	500000	
Ca	40	45	H2	26849.684	ug/l	0.2	500000	
Ti	47	45	He	676.554	ug/l	2.4	5000	
V	51	45	He	135.349	ug/l	2.3	5000	
Cr	52	45	He	137.109	ug/l	2.3	20000	
Mn	55	45	He	206.526	ug/l	0.7	10000	
Fe	56	45	H2	303779.554	ug/l	1.1	500000	
Co	59	45	He	13.460	ug/l	1.5	2000	
Ni	60	45	He	30.112	ug/l	3.5	20000	
Cu	63	45	He	45.977	ug/l	1.7	20000	
Zn	66	45	He	212.155	ug/l	0.8	20000	
As	75	45	He	76.732	ug/l	3.8	5000	
Se	78	45	H2	2.553	ug/l	7.9	2000	
Sr	88	115	He	188.718	ug/l	2.8	5000	
Mo	95	115	He	9.734	ug/l	2.5	2000	
Ag	107	115	He	0.193	ug/l	8.9	100	
Cd	111	115	He	29.846	ug/l	0.6	5000	
Sn	118	115	He	3.108	ug/l	8.4	200	
Sb	121	45	He	1.451	ug/l	2.4	200	
Ba	137	159	He	273.873	ug/l	2.8	20000	
Tl	205	209	He	0.303	ug/l	6.5	1000	
[Pb]	206	209	He	445.086	ug/l	0.9		
[Pb]	207	209	He	413.366	ug/l	1.9		
Pb	208	209	He	424.638	ug/l	0.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3669720.08	0.3	95.2	60	125	
Sc (ISICPMS)	45	No Gas	4955189.49	1.4	100.3	60	125	
Sc (ISICPMS)	45	H2	2045622.52	1.2	99.8	60	125	
Sc (ISICPMS)	45	He	58024.93	0.7	98.3	60	125	
Ge (IS)	74	H2	400997.26	0.6	105.3	60	125	
Ge (IS)	74	He	34408.39	1.0	107.9	60	125	
Kr	83	He	36.70	41.7	91.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	96860.98	1.5	98.0	60	125	
Tb (IS)	159	He	583477.38	0.2	100.2	60	125	
Bi (IS)	209	He	487758.49	1.4	99.4	60	125	

Sample Report

File Name 052SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 11:15:00

Sample Name **460-255599-A-3-A**

Comment ---

Dilution **1.0000**

Vial # 2106

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	2.870	ug/l	7.5	2000	
B	11	6	No Gas	27.297	ug/l	2.1	500	
Na	23	45	He	263.017	ug/l	1.2	500000	
Mg	24	45	He	3131.838	ug/l	1.0	500000	
Al	27	45	He	72142.133	ug/l	1.3	200000	
K	39	45	He	1558.443	ug/l	1.1	500000	
Ca	40	45	H2	32129.808	ug/l	2.4	500000	
Ti	47	45	He	697.109	ug/l	3.0	5000	
V	51	45	He	129.562	ug/l	1.2	5000	
Cr	52	45	He	116.750	ug/l	1.8	20000	
Mn	55	45	He	201.406	ug/l	2.6	10000	
Fe	56	45	H2	280940.968	ug/l	2.7	500000	
Co	59	45	He	12.542	ug/l	1.5	2000	
Ni	60	45	He	28.717	ug/l	3.0	20000	
Cu	63	45	He	42.922	ug/l	1.5	20000	
Zn	66	45	He	216.292	ug/l	5.2	20000	
As	75	45	He	65.322	ug/l	0.9	5000	
Se	78	45	H2	1.978	ug/l	24.7	2000	
Sr	88	115	He	231.093	ug/l	0.7	5000	
Mo	95	115	He	9.417	ug/l	5.9	2000	
Ag	107	115	He	0.229	ug/l	10.7	100	
Cd	111	115	He	30.661	ug/l	1.2	5000	
Sn	118	115	He	3.243	ug/l	11.0	200	
Sb	121	45	He	1.487	ug/l	2.0	200	
Ba	137	159	He	265.916	ug/l	0.9	20000	
Tl	205	209	He	0.312	ug/l	8.8	1000	
[Pb]	206	209	He	523.626	ug/l	0.3		
[Pb]	207	209	He	488.228	ug/l	0.2		
Pb	208	209	He	501.483	ug/l	0.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3710145.33	2.5	96.3	60	125	
Sc (ISICPMS)	45	No Gas	4927173.51	3.9	99.7	60	125	
Sc (ISICPMS)	45	H2	2052901.62	3.6	100.2	60	125	
Sc (ISICPMS)	45	He	57910.12	1.7	98.1	60	125	
Ge (IS)	74	H2	401595.25	0.6	105.4	60	125	
Ge (IS)	74	He	33471.96	1.1	104.9	60	125	
Kr	83	He	56.72	27.0	141.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	96184.28	1.2	97.3	60	125	
Tb (IS)	159	He	584361.27	0.5	100.3	60	125	
Bi (IS)	209	He	488198.75	1.0	99.5	60	125	

Sample Report

File Name 053SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 11:17:19

Sample Name **sd 460-255599-A-3-A@5**

Comment ---

Dilution **1.0000**

Vial # 2107

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.579	ug/l	12.0	2000	
B	11	6	No Gas	10.505	ug/l	2.7	500	
Na	23	45	He	49.656	ug/l	11.4	500000	
Mg	24	45	He	642.572	ug/l	1.4	500000	
Al	27	45	He	14950.873	ug/l	1.6	200000	
K	39	45	He	328.986	ug/l	10.2	500000	
Ca	40	45	H2	6933.480	ug/l	1.4	500000	
Ti	47	45	He	140.541	ug/l	6.8	5000	
V	51	45	He	26.667	ug/l	0.8	5000	
Cr	52	45	He	24.799	ug/l	2.8	20000	
Mn	55	45	He	42.269	ug/l	0.9	10000	
Fe	56	45	H2	60743.663	ug/l	1.4	500000	
Co	59	45	He	2.701	ug/l	3.8	2000	
Ni	60	45	He	6.081	ug/l	6.3	20000	
Cu	63	45	He	8.991	ug/l	0.5	20000	
Zn	66	45	He	42.142	ug/l	7.6	20000	
As	75	45	He	12.875	ug/l	7.8	5000	
Se	78	45	H2	0.418	ug/l	20.8	2000	
Sr	88	115	He	46.600	ug/l	4.8	5000	
Mo	95	115	He	2.016	ug/l	9.0	2000	
Ag	107	115	He	0.025	ug/l	5.5	100	
Cd	111	115	He	6.588	ug/l	5.4	5000	
Sn	118	115	He	0.699	ug/l	21.1	200	
Sb	121	45	He	0.248	ug/l	10.1	200	
Ba	137	159	He	55.722	ug/l	4.1	20000	
Tl	205	209	He	0.056	ug/l	3.6	1000	
[Pb]	206	209	He	106.256	ug/l	0.9		
[Pb]	207	209	He	98.979	ug/l	2.2		
Pb	208	209	He	101.613	ug/l	1.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3709709.32	1.6	96.3	60	125	
Sc (ISICPMS)	45	No Gas	4861196.96	3.0	98.4	60	125	
Sc (ISICPMS)	45	H2	1987052.82	2.3	97.0	60	125	
Sc (ISICPMS)	45	He	58036.00	1.3	98.3	60	125	
Ge (IS)	74	H2	393986.37	2.0	103.4	60	125	
Ge (IS)	74	He	33354.78	0.7	104.6	60	125	
Kr	83	He	30.03	66.7	75.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	98405.05	0.6	99.6	60	125	
Tb (IS)	159	He	578615.30	0.4	99.3	60	125	
Bi (IS)	209	He	496940.54	1.3	101.2	60	125	

Sample Report

File Name 055SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 11:21:57

Sample Name **460-255183-A-2-A**

Comment ---

Dilution **1.0000**

Vial # 2108

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.764	ug/l	3.3	2000	
B	11	6	No Gas	25.641	ug/l	1.6	500	
Na	23	45	He	522.964	ug/l	3.0	500000	
Mg	24	45	He	40877.146	ug/l	0.5	500000	
Al	27	45	He	58412.952	ug/l	1.4	200000	
K	39	45	He	8333.090	ug/l	1.2	500000	
Ca	40	45	H2	38372.365	ug/l	0.9	500000	
Ti	47	45	He	1553.663	ug/l	0.4	5000	
V	51	45	He	187.417	ug/l	1.4	5000	
Cr	52	45	He	146.986	ug/l	1.2	20000	
Mn	55	45	He	3307.835	ug/l	0.4	10000	
Fe	56	45	H2	168892.492	ug/l	2.3	500000	
Co	59	45	He	57.272	ug/l	0.5	2000	
Ni	60	45	He	130.588	ug/l	2.0	20000	
Cu	63	45	He	184.370	ug/l	1.2	20000	
Zn	66	45	He	835.474	ug/l	0.2	20000	
As	75	45	He	25.399	ug/l	9.0	5000	
Se	78	45	H2	1.157	ug/l	21.5	2000	
Sr	88	115	He	181.942	ug/l	2.0	5000	
Mo	95	115	He	2.698	ug/l	4.9	2000	
Ag	107	115	He	0.387	ug/l	8.5	100	
Cd	111	115	He	1.443	ug/l	36.8	5000	
Sn	118	115	He	10.245	ug/l	3.6	200	
Sb	121	45	He	3.279	ug/l	5.5	200	
Ba	137	159	He	1745.142	ug/l	1.3	20000	
Tl	205	209	He	0.688	ug/l	2.3	1000	
[Pb]	206	209	He	635.275	ug/l	1.2		
[Pb]	207	209	He	597.861	ug/l	1.2		
Pb	208	209	He	610.523	ug/l	0.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3833292.76	2.2	99.5	60	125	
Sc (ISICPMS)	45	No Gas	5159006.95	1.6	104.4	60	125	
Sc (ISICPMS)	45	H2	2129837.56	2.5	103.9	60	125	
Sc (ISICPMS)	45	He	59980.06	1.0	101.6	60	125	
Ge (IS)	74	H2	403394.94	0.8	105.9	60	125	
Ge (IS)	74	He	33692.68	1.2	105.6	60	125	
Kr	83	He	73.41	20.8	183.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	97951.69	2.0	99.1	60	125	
Tb (IS)	159	He	592568.00	0.7	101.7	60	125	
Bi (IS)	209	He	486898.50	0.8	99.2	60	125	

Sample Report

File Name 056SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 11:24:15

Sample Name **460-255183-A-4-A**

Comment ---

Dilution **1.0000**

Vial # 2109

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	6.656	ug/l	4.4	2000	
B	11	6	No Gas	43.438	ug/l	1.7	500	
Na	23	45	He	3704.909	ug/l	1.2	500000	
Mg	24	45	He	37442.274	ug/l	1.5	500000	
Al	27	45	He	72681.482	ug/l	1.6	200000	
K	39	45	He	7835.111	ug/l	2.1	500000	
Ca	40	45	H2	353361.662	ug/l	1.0	500000	
Ti	47	45	He	2362.153	ug/l	0.7	5000	
V	51	45	He	274.421	ug/l	0.9	5000	
Cr	52	45	He	248.762	ug/l	2.4	20000	
Mn	55	45	He	3914.339	ug/l	2.5	10000	
Fe	56	45	H2	172875.191	ug/l	1.0	500000	
Co	59	45	He	291.794	ug/l	2.1	2000	
Ni	60	45	He	301.653	ug/l	2.1	20000	
Cu	63	45	He	636.890	ug/l	2.0	20000	
Zn	66	45	He	23936.931	ug/l	1.7	20000	>LDR 6020B□>LDR 200.8
As	75	45	He	74.712	ug/l	2.7	5000	
Se	78	45	H2	5.296	ug/l	3.8	2000	
Sr	88	115	He	1444.113	ug/l	1.6	5000	
Mo	95	115	He	8.932	ug/l	4.9	2000	
Ag	107	115	He	1.074	ug/l	8.1	100	
Cd	111	115	He	21.233	ug/l	2.5	5000	
Sn	118	115	He	56.113	ug/l	2.6	200	
Sb	121	45	He	4.922	ug/l	0.4	200	
Ba	137	159	He	42222.370	ug/l	1.7	20000	>LDR 6020B□>LDR 200.8
Tl	205	209	He	1.526	ug/l	2.2	1000	
[Pb]	206	209	He	16494.502	ug/l	2.3		
[Pb]	207	209	He	16459.499	ug/l	2.8		
Pb	208	209	He	16393.829	ug/l	1.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3299815.23	1.6	85.6	60	125	
Sc (ISICPMS)	45	No Gas	4361374.03	0.5	88.3	60	125	
Sc (ISICPMS)	45	H2	1781940.53	2.6	87.0	60	125	
Sc (ISICPMS)	45	He	50300.37	1.4	85.2	60	125	
Ge (IS)	74	H2	342785.87	1.5	90.0	60	125	
Ge (IS)	74	He	28752.93	2.5	90.1	60	125	
Kr	83	He	56.72	44.4	141.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	85578.77	1.0	86.6	60	125	
Tb (IS)	159	He	540181.63	0.1	92.7	60	125	
Bi (IS)	209	He	465507.34	1.2	94.8	60	125	

Sample Report

File Name 057SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 11:28:01

Sample Name **460-255183-A-4-A@5**

Comment ---

Dilution **1.0000**

Vial # 2109

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	1.508	ug/l	5.5	2000	
B	11	6	No Gas	11.711	ug/l	0.8	500	
Na	23	45	He	811.140	ug/l	3.6	500000	
Mg	24	45	He	8264.656	ug/l	1.0	500000	
Al	27	45	He	15977.663	ug/l	1.8	200000	
K	39	45	He	1726.755	ug/l	2.3	500000	
Ca	40	45	H2	77237.653	ug/l	0.8	500000	
Ti	47	45	He	515.673	ug/l	4.2	5000	
V	51	45	He	57.681	ug/l	1.2	5000	
Cr	52	45	He	53.253	ug/l	2.0	20000	
Mn	55	45	He	854.130	ug/l	1.0	10000	
Fe	56	45	H2	38512.684	ug/l	1.9	500000	
Co	59	45	He	64.441	ug/l	1.5	2000	
Ni	60	45	He	66.709	ug/l	1.9	20000	
Cu	63	45	He	140.135	ug/l	1.9	20000	
Zn	66	45	He	5293.690	ug/l	1.5	20000	
As	75	45	He	16.411	ug/l	4.5	5000	
Se	78	45	H2	1.027	ug/l	24.5	2000	
Sr	88	115	He	307.966	ug/l	1.0	5000	
Mo	95	115	He	1.794	ug/l	2.3	2000	
Ag	107	115	He	0.243	ug/l	15.0	100	
Cd	111	115	He	4.853	ug/l	3.8	5000	
Sn	118	115	He	12.870	ug/l	3.6	200	
Sb	121	45	He	1.099	ug/l	8.2	200	
Ba	137	159	He	9632.686	ug/l	0.5	20000	
Tl	205	209	He	0.326	ug/l	0.2	1000	
[Pb]	206	209	He	3699.169	ug/l	1.4		
[Pb]	207	209	He	3702.811	ug/l	2.5		
Pb	208	209	He	3664.753	ug/l	1.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3409021.37	1.7	88.5	60	125	
Sc (ISICPMS)	45	No Gas	4417218.89	1.5	89.4	60	125	
Sc (ISICPMS)	45	H2	1801439.85	1.3	87.9	60	125	
Sc (ISICPMS)	45	He	49791.81	1.3	84.4	60	125	
Ge (IS)	74	H2	352866.15	0.5	92.6	60	125	
Ge (IS)	74	He	29465.17	0.5	92.4	60	125	
Kr	83	He	30.03	0.0	75.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	86857.83	0.6	87.9	60	125	
Tb (IS)	159	He	533220.88	0.3	91.5	60	125	
Bi (IS)	209	He	464646.92	0.4	94.7	60	125	

Continuing Calibration Verification (CCV)

File Name 059_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 11:32:34

Sample Name **CCV 9767647**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	99.022	ug/l	2.5	100	90	110	
B	11	6	No Gas	245.065	ug/l	3.4	250	225	275	
Na	23	45	He	25421.751	ug/l	4.2	25000	22500	27500	
Mg	24	45	He	25202.245	ug/l	1.3	25000	22500	27500	
Al	27	45	He	25022.526	ug/l	1.0	25000	22500	27500	
K	39	45	He	24913.372	ug/l	1.2	25000	22500	27500	
Ca	40	45	H2	24931.999	ug/l	1.1	25000	22500	27500	
Ti	47	45	He	102.769	ug/l	1.3	100	90	110	
V	51	45	He	99.948	ug/l	1.6	100	90	110	
Cr	52	45	He	100.671	ug/l	0.3	100	90	110	
Mn	55	45	He	101.696	ug/l	2.3	100	90	110	
Fe	56	45	H2	25040.087	ug/l	0.5	25000	22500	27500	
Co	59	45	He	100.925	ug/l	1.6	100	90	110	
Ni	60	45	He	100.871	ug/l	1.0	100	90	110	
Cu	63	45	He	101.233	ug/l	1.3	100	90	110	
Zn	66	45	He	253.603	ug/l	2.8	250	225	275	
As	75	45	He	99.261	ug/l	2.9	100	90	110	
Se	78	45	H2	99.894	ug/l	2.1	100	90	110	
Sr	88	115	He	97.478	ug/l	0.6	100	90	110	
Mo	95	115	He	100.775	ug/l	2.6	100	90	110	
Ag	107	115	He	49.743	ug/l	2.1	50	45	55	
Cd	111	115	He	100.170	ug/l	0.9	100	90	110	
Sn	118	115	He	100.209	ug/l	2.0	100	90	110	
Sb	121	45	He	105.034	ug/l	0.9	100	90	110	
Ba	137	159	He	98.963	ug/l	6.6	100	90	110	
Tl	205	209	He	97.337	ug/l	0.9	100	90	110	
[Pb]	206	209	He	98.235	ug/l	0.7				
[Pb]	207	209	He	98.465	ug/l	0.5				
Pb	208	209	He	98.408	ug/l	0.9	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3579804.04	1.3	92.9	60	125	
Sc (ISICPMS)	45	No Gas	4657513.23	2.2	94.3	60	125	
Sc (ISICPMS)	45	H2	1900141.31	1.0	92.7	60	125	
Sc (ISICPMS)	45	He	52919.01	0.7	89.7	60	125	
Ge (IS)	74	H2	374550.79	0.4	98.3	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Ge (IS)	74	He	31261.07	1.4	98.0	60	125	
Kr	83	He	26.69	21.7	66.7			
In-1	115	He	90968.90	1.3	92.1	60	125	
Tb (IS)	159	He	559261.17	1.4	96.0	60	125	
Bi (IS)	209	He	476658.31	0.3	97.1	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 060_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 11:34:51

Sample Name **CCB**

Comment ---

Dilution 1.0000

Multiplier Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.027	ug/l	62.3	0.8	-0.8	0.8	
B	11	6	No Gas	5.755	ug/l	7.8	40	-40	40	
Na	23	45	He	-4.820	ug/l	N/A	500	-500	500	
Mg	24	45	He	1.331	ug/l	31.5	200	-200	200	
Al	27	45	He	-0.038	ug/l	N/A	40	-40	40	
K	39	45	He	-18.215	ug/l	N/A	200	-200	200	
Ca	40	45	H2	-0.120	ug/l	N/A	500	-500	500	
Ti	47	45	He	0.281	ug/l	143.9	4	-4	4	
V	51	45	He	-0.377	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.105	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.095	ug/l	107.2	8	-8	8	
Fe	56	45	H2	0.836	ug/l	18.7	60	-60	60	
Co	59	45	He	-0.004	ug/l	N/A	4	-4	4	
Ni	60	45	He	0.208	ug/l	54.0	4	-4	4	
Cu	63	45	He	-0.015	ug/l	N/A	4	-4	4	
Zn	66	45	He	-0.841	ug/l	N/A	16	-16	16	
As	75	45	He	0.048	ug/l	132.5	2	-2	2	
Se	78	45	H2	0.038	ug/l	361.5	2.5	-2.5	2.5	
Sr	88	115	He	-0.014	ug/l	N/A	4	-4	4	
Mo	95	115	He	0.017	ug/l	84.5	4	-4	4	
Ag	107	115	He	0.000	ug/l	N/A	2	-2	2	
Cd	111	115	He	0.010	ug/l	173.2	2	-2	2	
Sn	118	115	He	0.012	ug/l	2278.2	16	-16	16	
Sb	121	45	He	-0.034	ug/l	N/A	2	-2	2	
Ba	137	159	He	0.776	ug/l	38.6	4	-4	4	
Tl	205	209	He	0.010	ug/l	52.6	0.8	-0.8	0.8	
[Pb]	206	209	He	0.103	ug/l	33.8				
[Pb]	207	209	He	0.065	ug/l	92.8				
Pb	208	209	He	0.076	ug/l	45.5	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3619740.09	1.3	93.9	60	125	
Sc (ISICPMS)	45	No Gas	4742396.45	2.3	96.0	60	125	
Sc (ISICPMS)	45	H2	1907535.13	0.2	93.1	60	125	
Sc (ISICPMS)	45	He	53716.47	1.2	91.0	60	125	
Ge (IS)	74	H2	357315.91	1.5	93.8	60	125	
Ge (IS)	74	He	29642.52	1.8	92.9	60	125	
Kr	83	He	50.05	20.0	125.0			
In-1	115	He	92705.49	0.8	93.8	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Tb (IS)	159	He	550222.63	2.0	94.4	60	125	
Bi (IS)	209	He	481562.96	0.3	98.1	60	125	

Sample Report

File Name 061SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 11:37:11

Sample Name **460-255800-B-2-A**

Comment ---

Dilution **1.0000**

Vial # 3412

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.007	ug/l	132.6	2000	
B	11	6	No Gas	4.106	ug/l	3.9	500	
Na	23	45	He	-2.616	ug/l	N/A	500000	
Mg	24	45	He	1.689	ug/l	50.6	500000	
Al	27	45	He	2.373	ug/l	98.9	200000	
K	39	45	He	-4.971	ug/l	N/A	500000	
Ca	40	45	H2	3.170	ug/l	8.4	500000	
Ti	47	45	He	0.147	ug/l	3.1	5000	
V	51	45	He	-0.427	ug/l	N/A	5000	
Cr	52	45	He	-0.327	ug/l	N/A	20000	
Mn	55	45	He	0.046	ug/l	68.7	10000	
Fe	56	45	H2	0.817	ug/l	31.5	500000	
Co	59	45	He	0.003	ug/l	163.8	2000	
Ni	60	45	He	0.170	ug/l	49.0	20000	
Cu	63	45	He	0.712	ug/l	11.8	20000	
Zn	66	45	He	0.956	ug/l	46.9	20000	
As	75	45	He	-0.039	ug/l	N/A	5000	
Se	78	45	H2	-0.053	ug/l	N/A	2000	
Sr	88	115	He	0.002	ug/l	2.1	5000	
Mo	95	115	He	0.004	ug/l	164.6	2000	
Ag	107	115	He	-0.004	ug/l	N/A	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	-0.092	ug/l	N/A	200	
Sb	121	45	He	-0.026	ug/l	N/A	200	
Ba	137	159	He	0.559	ug/l	25.9	20000	
Tl	205	209	He	-0.009	ug/l	N/A	1000	
[Pb]	206	209	He	0.038	ug/l	140.9		
[Pb]	207	209	He	-0.010	ug/l	N/A		
Pb	208	209	He	0.036	ug/l	58.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3630921.75	2.3	94.2	60	125	
Sc (ISICPMS)	45	No Gas	4673599.69	3.1	94.6	60	125	
Sc (ISICPMS)	45	H2	1939885.79	0.7	94.7	60	125	
Sc (ISICPMS)	45	He	54243.98	1.2	91.9	60	125	
Ge (IS)	74	H2	348411.31	1.1	91.5	60	125	
Ge (IS)	74	He	29732.64	2.4	93.2	60	125	
Kr	83	He	36.70	31.5	91.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	94936.92	0.1	96.1	60	125	
Tb (IS)	159	He	564301.51	0.2	96.9	60	125	
Bi (IS)	209	He	492969.63	1.9	100.4	60	125	

Sample Report

File Name 062SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 11:39:31

Sample Name **460-255709-D-1-A**

Comment ---

Dilution **1.0000**

Vial # 3108

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.005	ug/l	261.9	2000	
B	11	6	No Gas	45.164	ug/l	0.6	500	
Na	23	45	He	48049.965	ug/l	1.8	500000	
Mg	24	45	He	15524.055	ug/l	0.7	500000	
Al	27	45	He	28.995	ug/l	5.9	200000	
K	39	45	He	5043.690	ug/l	2.0	500000	
Ca	40	45	H2	68638.672	ug/l	1.5	500000	
Ti	47	45	He	0.326	ug/l	131.9	5000	
V	51	45	He	-0.191	ug/l	N/A	5000	
Cr	52	45	He	-0.162	ug/l	N/A	20000	
Mn	55	45	He	1319.624	ug/l	1.2	10000	
Fe	56	45	H2	4527.044	ug/l	0.3	500000	
Co	59	45	He	13.927	ug/l	1.5	2000	
Ni	60	45	He	8.623	ug/l	5.8	20000	
Cu	63	45	He	10.874	ug/l	1.0	20000	
Zn	66	45	He	5.003	ug/l	9.3	20000	
As	75	45	He	2.102	ug/l	16.4	5000	
Se	78	45	H2	0.063	ug/l	157.0	2000	
Sr	88	115	He	339.453	ug/l	1.5	5000	
Mo	95	115	He	10.077	ug/l	3.8	2000	
Ag	107	115	He	0.002	ug/l	151.0	100	
Cd	111	115	He	2.034	ug/l	5.5	5000	
Sn	118	115	He	-0.063	ug/l	N/A	200	
Sb	121	45	He	0.233	ug/l	6.5	200	
Ba	137	159	He	86.000	ug/l	2.5	20000	
Tl	205	209	He	-0.008	ug/l	N/A	1000	
[Pb]	206	209	He	0.049	ug/l	42.1		
[Pb]	207	209	He	0.020	ug/l	165.6		
Pb	208	209	He	0.041	ug/l	30.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3481109.53	0.7	90.3	60	125	
Sc (ISICPMS)	45	No Gas	4460525.94	0.7	90.3	60	125	
Sc (ISICPMS)	45	H2	1794849.24	0.9	87.6	60	125	
Sc (ISICPMS)	45	He	48942.05	1.3	82.9	60	125	
Ge (IS)	74	H2	357722.67	0.3	93.9	60	125	
Ge (IS)	74	He	29415.01	1.3	92.2	60	125	
Kr	83	He	26.69	21.7	66.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	86151.18	1.9	87.2	60	125	
Tb (IS)	159	He	536842.69	2.3	92.1	60	125	
Bi (IS)	209	He	464224.20	0.4	94.6	60	125	

Sample Report

File Name 063SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 11:41:49

Sample Name **460-255709-D-1-B MS**

Comment ---

Dilution **1.0000**

Vial # 3109

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	27.295	ug/l	1.0	2000	
B	11	6	No Gas	564.068	ug/l	0.4	500	>LDR 6020B
Na	23	45	He	48713.471	ug/l	0.2	500000	
Mg	24	45	He	17618.828	ug/l	0.7	500000	
Al	27	45	He	2669.866	ug/l	0.5	200000	
K	39	45	He	7335.234	ug/l	0.9	500000	
Ca	40	45	H2	68751.347	ug/l	0.6	500000	
Ti	47	45	He	53.106	ug/l	9.2	5000	
V	51	45	He	54.483	ug/l	2.0	5000	
Cr	52	45	He	54.863	ug/l	1.0	20000	
Mn	55	45	He	1547.437	ug/l	0.5	10000	
Fe	56	45	H2	7127.547	ug/l	0.4	500000	
Co	59	45	He	40.051	ug/l	1.6	2000	
Ni	60	45	He	62.971	ug/l	1.5	20000	
Cu	63	45	He	65.194	ug/l	1.1	20000	
Zn	66	45	He	281.749	ug/l	2.0	20000	
As	75	45	He	56.954	ug/l	7.6	5000	
Se	78	45	H2	56.691	ug/l	4.6	2000	
Sr	88	115	He	382.557	ug/l	0.8	5000	
Mo	95	115	He	62.585	ug/l	0.5	2000	
Ag	107	115	He	26.642	ug/l	0.8	100	
Cd	111	115	He	28.295	ug/l	6.6	5000	
Sn	118	115	He	54.429	ug/l	1.1	200	
Sb	121	45	He	30.812	ug/l	2.7	200	
Ba	137	159	He	133.666	ug/l	2.6	20000	
Tl	205	209	He	21.456	ug/l	0.3	1000	
[Pb]	206	209	He	26.704	ug/l	1.0		
[Pb]	207	209	He	27.093	ug/l	3.6		
Pb	208	209	He	26.813	ug/l	0.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3329888.21	0.2	86.4	60	125	
Sc (ISICPMS)	45	No Gas	4285680.22	2.3	86.7	60	125	
Sc (ISICPMS)	45	H2	1740209.50	0.7	84.9	60	125	
Sc (ISICPMS)	45	He	48555.21	1.3	82.3	60	125	
Ge (IS)	74	H2	350799.03	0.5	92.1	60	125	
Ge (IS)	74	He	28619.16	2.4	89.7	60	125	
Kr	83	He	23.36	65.5	58.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	86008.09	1.1	87.0	60	125	
Tb (IS)	159	He	532966.98	1.8	91.5	60	125	
Bi (IS)	209	He	454305.60	0.5	92.6	60	125	

Sample Report

File Name 064SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 11:44:06

Sample Name **460-255646-B-4-A**

Comment ---

Dilution **1.0000**

Vial # 3110

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.021	ug/l	47.0	2000	
B	11	6	No Gas	58.814	ug/l	3.9	500	
Na	23	45	He	3279.495	ug/l	1.4	500000	
Mg	24	45	He	3122.317	ug/l	1.1	500000	
Al	27	45	He	141.767	ug/l	5.3	200000	
K	39	45	He	550.416	ug/l	2.6	500000	
Ca	40	45	H2	21274.878	ug/l	2.0	500000	
Ti	47	45	He	17.123	ug/l	19.7	5000	
V	51	45	He	0.629	ug/l	19.6	5000	
Cr	52	45	He	-0.176	ug/l	N/A	20000	
Mn	55	45	He	17.100	ug/l	7.6	10000	
Fe	56	45	H2	107.429	ug/l	3.6	500000	
Co	59	45	He	0.052	ug/l	42.8	2000	
Ni	60	45	He	0.996	ug/l	19.1	20000	
Cu	63	45	He	5.496	ug/l	6.6	20000	
Zn	66	45	He	3.613	ug/l	17.0	20000	
As	75	45	He	1.029	ug/l	11.5	5000	
Se	78	45	H2	0.112	ug/l	105.7	2000	
Sr	88	115	He	70.008	ug/l	3.2	5000	
Mo	95	115	He	2.311	ug/l	1.9	2000	
Ag	107	115	He	-0.001	ug/l	N/A	100	
Cd	111	115	He	0.011	ug/l	173.2	5000	
Sn	118	115	He	-0.196	ug/l	N/A	200	
Sb	121	45	He	0.685	ug/l	2.3	200	
Ba	137	159	He	12.369	ug/l	5.6	20000	
Tl	205	209	He	-0.003	ug/l	N/A	1000	
[Pb]	206	209	He	1.807	ug/l	4.0		
[Pb]	207	209	He	1.571	ug/l	4.9		
Pb	208	209	He	1.689	ug/l	1.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3396669.95	1.8	88.1	60	125	
Sc (ISICPMS)	45	No Gas	4323580.51	1.3	87.5	60	125	
Sc (ISICPMS)	45	H2	1779724.52	1.6	86.9	60	125	
Sc (ISICPMS)	45	He	48999.99	1.9	83.0	60	125	
Ge (IS)	74	H2	331528.53	1.4	87.0	60	125	
Ge (IS)	74	He	27265.03	1.7	85.5	60	125	
Kr	83	He	23.36	24.7	58.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	87842.59	2.1	88.9	60	125	
Tb (IS)	159	He	523122.16	1.1	89.8	60	125	
Bi (IS)	209	He	463065.24	0.9	94.3	60	125	

Sample Report

File Name 065SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 11:46:26

Sample Name **460-255647-B-4-A**

Comment ---

Dilution **1.0000**

Vial # 3111

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.018	ug/l	99.6	2000	
B	11	6	No Gas	49.323	ug/l	2.9	500	
Na	23	45	He	10658.096	ug/l	1.9	500000	
Mg	24	45	He	4620.610	ug/l	1.8	500000	
Al	27	45	He	311.490	ug/l	1.9	200000	
K	39	45	He	1024.159	ug/l	3.0	500000	
Ca	40	45	H2	24112.720	ug/l	2.9	500000	
Ti	47	45	He	15.028	ug/l	47.3	5000	
V	51	45	He	1.533	ug/l	5.1	5000	
Cr	52	45	He	0.307	ug/l	62.9	20000	
Mn	55	45	He	107.047	ug/l	4.6	10000	
Fe	56	45	H2	480.983	ug/l	13.3	500000	
Co	59	45	He	0.329	ug/l	8.6	2000	
Ni	60	45	He	1.278	ug/l	3.8	20000	
Cu	63	45	He	4.983	ug/l	5.3	20000	
Zn	66	45	He	18.541	ug/l	3.1	20000	
As	75	45	He	1.737	ug/l	26.8	5000	
Se	78	45	H2	0.323	ug/l	25.1	2000	
Sr	88	115	He	91.742	ug/l	1.6	5000	
Mo	95	115	He	1.864	ug/l	6.9	2000	
Ag	107	115	He	0.009	ug/l	73.1	100	
Cd	111	115	He	0.011	ug/l	173.2	5000	
Sn	118	115	He	-0.045	ug/l	N/A	200	
Sb	121	45	He	0.370	ug/l	7.5	200	
Ba	137	159	He	24.201	ug/l	4.9	20000	
Tl	205	209	He	-0.010	ug/l	N/A	1000	
[Pb]	206	209	He	3.084	ug/l	2.7		
[Pb]	207	209	He	3.134	ug/l	0.9		
Pb	208	209	He	3.112	ug/l	2.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3372498.77	0.9	87.5	60	125	
Sc (ISICPMS)	45	No Gas	4311082.97	0.4	87.3	60	125	
Sc (ISICPMS)	45	H2	1770078.81	0.8	86.4	60	125	
Sc (ISICPMS)	45	He	49242.13	2.7	83.4	60	125	
Ge (IS)	74	H2	352652.99	0.2	92.6	60	125	
Ge (IS)	74	He	29060.57	0.4	91.1	60	125	
Kr	83	He	3.34	173.2	8.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	86637.35	1.4	87.7	60	125	
Tb (IS)	159	He	531361.06	0.9	91.2	60	125	
Bi (IS)	209	He	462888.96	0.7	94.3	60	125	

Sample Report

File Name 066SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 11:48:44

Sample Name **460-255793-G-2-A**

Comment ---

Dilution **1.0000**

Vial # 3112

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.019	ug/l	33.6	2000	
B	11	6	No Gas	5.868	ug/l	4.8	500	
Na	23	45	He	152850.164	ug/l	0.7	500000	
Mg	24	45	He	4611.556	ug/l	1.0	500000	
Al	27	45	He	48.597	ug/l	9.5	200000	
K	39	45	He	3588.513	ug/l	1.7	500000	
Ca	40	45	H2	34184.556	ug/l	0.8	500000	
Ti	47	45	He	0.406	ug/l	104.2	5000	
V	51	45	He	-0.486	ug/l	N/A	5000	
Cr	52	45	He	-0.159	ug/l	N/A	20000	
Mn	55	45	He	9.208	ug/l	3.7	10000	
Fe	56	45	H2	274.806	ug/l	0.8	500000	
Co	59	45	He	0.126	ug/l	23.6	2000	
Ni	60	45	He	0.914	ug/l	16.5	20000	
Cu	63	45	He	0.161	ug/l	54.3	20000	
Zn	66	45	He	-0.286	ug/l	N/A	20000	
As	75	45	He	0.572	ug/l	22.0	5000	
Se	78	45	H2	0.002	ug/l	3847.5	2000	
Sr	88	115	He	163.257	ug/l	0.1	5000	
Mo	95	115	He	0.213	ug/l	17.3	2000	
Ag	107	115	He	-0.003	ug/l	N/A	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	-0.303	ug/l	N/A	200	
Sb	121	45	He	0.056	ug/l	104.7	200	
Ba	137	159	He	43.141	ug/l	6.8	20000	
Tl	205	209	He	0.008	ug/l	30.6	1000	
[Pb]	206	209	He	0.062	ug/l	127.9		
[Pb]	207	209	He	0.040	ug/l	87.2		
Pb	208	209	He	0.043	ug/l	83.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3247150.16	0.8	84.3	60	125	
Sc (ISICPMS)	45	No Gas	4213762.31	1.5	85.3	60	125	
Sc (ISICPMS)	45	H2	1751856.03	1.1	85.5	60	125	
Sc (ISICPMS)	45	He	48191.72	0.7	81.7	60	125	
Ge (IS)	74	H2	340375.45	1.3	89.4	60	125	
Ge (IS)	74	He	28164.51	1.8	88.3	60	125	
Kr	83	He	30.03	33.3	75.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	84902.19	0.4	85.9	60	125	
Tb (IS)	159	He	524548.45	1.2	90.0	60	125	
Bi (IS)	209	He	454164.04	0.4	92.5	60	125	

Sample Report

File Name 067SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 11:51:03

Sample Name **460-255804-A-3-A**

Comment ---

Dilution **1.0000**

Vial # 3201

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.016	ug/l	60.2	2000	
B	11	6	No Gas	10.238	ug/l	3.6	500	
Na	23	45	He	12612.778	ug/l	2.2	500000	
Mg	24	45	He	493.955	ug/l	3.7	500000	
Al	27	45	He	18.623	ug/l	19.6	200000	
K	39	45	He	2499.921	ug/l	2.2	500000	
Ca	40	45	H2	2864.153	ug/l	3.7	500000	
Ti	47	45	He	0.187	ug/l	191.3	5000	
V	51	45	He	-0.473	ug/l	N/A	5000	
Cr	52	45	He	-0.211	ug/l	N/A	20000	
Mn	55	45	He	4.957	ug/l	2.0	10000	
Fe	56	45	H2	48.390	ug/l	14.7	500000	
Co	59	45	He	0.007	ug/l	187.3	2000	
Ni	60	45	He	0.970	ug/l	15.7	20000	
Cu	63	45	He	16.666	ug/l	0.6	20000	
Zn	66	45	He	1.170	ug/l	14.6	20000	
As	75	45	He	0.565	ug/l	37.6	5000	
Se	78	45	H2	-0.048	ug/l	N/A	2000	
Sr	88	115	He	12.515	ug/l	8.1	5000	
Mo	95	115	He	0.275	ug/l	35.7	2000	
Ag	107	115	He	-0.002	ug/l	N/A	100	
Cd	111	115	He	0.011	ug/l	173.2	5000	
Sn	118	115	He	0.080	ug/l	251.4	200	
Sb	121	45	He	0.229	ug/l	21.3	200	
Ba	137	159	He	11.524	ug/l	7.8	20000	
Tl	205	209	He	-0.015	ug/l	N/A	1000	
[Pb]	206	209	He	0.499	ug/l	13.8		
[Pb]	207	209	He	0.463	ug/l	15.7		
Pb	208	209	He	0.429	ug/l	6.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3370563.49	1.6	87.5	60	125	
Sc (ISICPMS)	45	No Gas	4269466.71	1.1	86.4	60	125	
Sc (ISICPMS)	45	H2	1804831.94	3.0	88.1	60	125	
Sc (ISICPMS)	45	He	48712.53	1.2	82.5	60	125	
Ge (IS)	74	H2	345795.66	0.7	90.8	60	125	
Ge (IS)	74	He	28542.31	2.0	89.5	60	125	
Kr	83	He	26.69	78.1	66.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	85497.39	1.3	86.5	60	125	
Tb (IS)	159	He	527112.51	1.2	90.5	60	125	
Bi (IS)	209	He	466137.22	0.6	95.0	60	125	

Sample Report

File Name 068SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 11:56:29

Sample Name **460-255601-H-1-B**

Comment ---

Dilution **1.0000**

Vial # 2408

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	5.383	ug/l	1.4	2000	
B	11	6	No Gas	48.472	ug/l	4.0	500	
Na	23	45	He	7247.760	ug/l	2.1	500000	
Mg	24	45	He	122388.581	ug/l	2.9	500000	
Al	27	45	He	122636.299	ug/l	0.9	200000	
K	39	45	He	56857.852	ug/l	1.0	500000	
Ca	40	45	H2	192698.666	ug/l	1.8	500000	
Ti	47	45	He	12022.211	ug/l	1.1	5000	>LDR 6020B□>LDR 200.8
V	51	45	He	587.205	ug/l	1.9	5000	
Cr	52	45	He	348.636	ug/l	1.2	20000	
Mn	55	45	He	3546.031	ug/l	0.3	10000	
Fe	56	45	H2	342323.051	ug/l	2.1	500000	
Co	59	45	He	117.413	ug/l	0.4	2000	
Ni	60	45	He	226.523	ug/l	1.5	20000	
Cu	63	45	He	1236.523	ug/l	0.7	20000	
Zn	66	45	He	2536.634	ug/l	0.7	20000	
As	75	45	He	107.722	ug/l	2.5	5000	
Se	78	45	H2	7.685	ug/l	4.5	2000	
Sr	88	115	He	488.404	ug/l	0.1	5000	
Mo	95	115	He	19.662	ug/l	1.0	2000	
Ag	107	115	He	4.712	ug/l	4.7	100	
Cd	111	115	He	5.286	ug/l	6.0	5000	
Sn	118	115	He	470.936	ug/l	0.2	200	>LDR 6020B
Sb	121	45	He	7.497	ug/l	2.5	200	
Ba	137	159	He	2993.028	ug/l	1.3	20000	
Tl	205	209	He	2.393	ug/l	0.8	1000	
[Pb]	206	209	He	3341.542	ug/l	1.1		
[Pb]	207	209	He	3254.692	ug/l	2.4		
Pb	208	209	He	3294.822	ug/l	0.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3374508.63	1.8	87.6	60	125	
Sc (ISICPMS)	45	No Gas	4615977.12	1.7	93.4	60	125	
Sc (ISICPMS)	45	H2	1903303.95	2.5	92.9	60	125	
Sc (ISICPMS)	45	He	55516.69	1.0	94.1	60	125	
Ge (IS)	74	H2	360828.55	1.6	94.7	60	125	
Ge (IS)	74	He	30806.14	1.7	96.6	60	125	
Kr	83	He	80.08	12.5	200.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	86849.31	1.4	87.9	60	125	
Tb (IS)	159	He	550234.96	0.4	94.4	60	125	
Bi (IS)	209	He	469081.68	1.0	95.6	60	125	

Sample Report

File Name 069SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 11:58:45

Sample Name **460-255601-J-2-A**

Comment ---

Dilution **1.0000**

Vial # 2409

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	6.336	ug/l	6.2	2000	
B	11	6	No Gas	51.193	ug/l	3.7	500	
Na	23	45	He	8077.690	ug/l	0.5	500000	
Mg	24	45	He	40481.086	ug/l	2.0	500000	
Al	27	45	He	101958.640	ug/l	0.4	200000	
K	39	45	He	16850.695	ug/l	0.7	500000	
Ca	40	45	H2	92276.271	ug/l	1.0	500000	
Ti	47	45	He	3373.435	ug/l	0.9	5000	
V	51	45	He	322.125	ug/l	0.5	5000	
Cr	52	45	He	325.243	ug/l	0.7	20000	
Mn	55	45	He	2145.917	ug/l	0.3	10000	
Fe	56	45	H2	239933.136	ug/l	1.5	500000	
Co	59	45	He	70.433	ug/l	1.6	2000	
Ni	60	45	He	152.597	ug/l	2.3	20000	
Cu	63	45	He	1020.389	ug/l	1.5	20000	
Zn	66	45	He	3526.565	ug/l	1.4	20000	
As	75	45	He	88.517	ug/l	1.9	5000	
Se	78	45	H2	9.445	ug/l	5.0	2000	
Sr	88	115	He	397.678	ug/l	3.1	5000	
Mo	95	115	He	31.524	ug/l	2.7	2000	
Ag	107	115	He	3.066	ug/l	3.3	100	
Cd	111	115	He	4.961	ug/l	2.4	5000	
Sn	118	115	He	334.349	ug/l	1.3	200	>LDR 6020B
Sb	121	45	He	8.913	ug/l	4.0	200	
Ba	137	159	He	1810.041	ug/l	0.6	20000	
Tl	205	209	He	1.649	ug/l	1.7	1000	
[Pb]	206	209	He	4885.470	ug/l	1.7		
[Pb]	207	209	He	4769.804	ug/l	1.3		
Pb	208	209	He	4781.047	ug/l	1.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3648845.43	1.4	94.7	60	125	
Sc (ISICPMS)	45	No Gas	4839637.02	0.8	97.9	60	125	
Sc (ISICPMS)	45	H2	2013781.06	1.2	98.3	60	125	
Sc (ISICPMS)	45	He	55935.21	0.3	94.8	60	125	
Ge (IS)	74	H2	382581.28	2.1	100.4	60	125	
Ge (IS)	74	He	31846.43	4.0	99.8	60	125	
Kr	83	He	53.39	65.8	133.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	92134.80	1.5	93.2	60	125	
Tb (IS)	159	He	568661.06	1.1	97.6	60	125	
Bi (IS)	209	He	505212.43	0.7	102.9	60	125	

Sample Report

File Name 070SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 12:01:00

Sample Name **460-255601-K-3-B**

Comment ---

Dilution **1.0000**

Vial # 2410

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	6.292	ug/l	0.3	2000	
B	11	6	No Gas	51.104	ug/l	0.7	500	
Na	23	45	He	7255.460	ug/l	1.4	500000	
Mg	24	45	He	23826.085	ug/l	1.3	500000	
Al	27	45	He	82892.113	ug/l	1.1	200000	
K	39	45	He	11091.352	ug/l	1.4	500000	
Ca	40	45	H2	120227.239	ug/l	0.6	500000	
Ti	47	45	He	2268.197	ug/l	1.5	5000	
V	51	45	He	295.353	ug/l	2.8	5000	
Cr	52	45	He	216.577	ug/l	1.3	20000	
Mn	55	45	He	2029.071	ug/l	0.9	10000	
Fe	56	45	H2	173995.690	ug/l	0.9	500000	
Co	59	45	He	64.567	ug/l	1.5	2000	
Ni	60	45	He	152.640	ug/l	1.5	20000	
Cu	63	45	He	1471.309	ug/l	1.0	20000	
Zn	66	45	He	6653.362	ug/l	0.9	20000	
As	75	45	He	73.845	ug/l	4.5	5000	
Se	78	45	H2	8.882	ug/l	9.1	2000	
Sr	88	115	He	500.581	ug/l	0.9	5000	
Mo	95	115	He	12.902	ug/l	0.9	2000	
Ag	107	115	He	2.963	ug/l	2.9	100	
Cd	111	115	He	8.809	ug/l	2.3	5000	
Sn	118	115	He	265.244	ug/l	0.6	200	>LDR 6020B
Sb	121	45	He	14.971	ug/l	4.0	200	
Ba	137	159	He	1957.532	ug/l	1.2	20000	
Tl	205	209	He	1.454	ug/l	6.5	1000	
[Pb]	206	209	He	2784.849	ug/l	1.2		
[Pb]	207	209	He	2734.993	ug/l	1.1		
Pb	208	209	He	2760.522	ug/l	0.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3456943.63	1.9	89.7	60	125	
Sc (ISICPMS)	45	No Gas	4666087.75	0.9	94.4	60	125	
Sc (ISICPMS)	45	H2	1897624.12	1.4	92.6	60	125	
Sc (ISICPMS)	45	He	52917.86	0.6	89.7	60	125	
Ge (IS)	74	H2	364071.04	2.0	95.6	60	125	
Ge (IS)	74	He	30267.88	4.2	94.9	60	125	
Kr	83	He	73.41	78.7	183.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	89207.47	0.1	90.3	60	125	
Tb (IS)	159	He	555441.67	0.5	95.3	60	125	
Bi (IS)	209	He	476193.47	0.7	97.0	60	125	

Continuing Calibration Verification (CCV)

File Name 071_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 12:03:16

Sample Name **CCV 9767647**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	98.467	ug/l	2.5	100	90	110	
B	11	6	No Gas	243.547	ug/l	0.6	250	225	275	
Na	23	45	He	25572.621	ug/l	2.0	25000	22500	27500	
Mg	24	45	He	25242.828	ug/l	1.5	25000	22500	27500	
Al	27	45	He	25161.605	ug/l	1.7	25000	22500	27500	
K	39	45	He	25147.649	ug/l	0.9	25000	22500	27500	
Ca	40	45	H2	25152.358	ug/l	2.2	25000	22500	27500	
Ti	47	45	He	95.998	ug/l	4.2	100	90	110	
V	51	45	He	101.049	ug/l	2.1	100	90	110	
Cr	52	45	He	102.456	ug/l	1.5	100	90	110	
Mn	55	45	He	103.291	ug/l	1.3	100	90	110	
Fe	56	45	H2	25257.869	ug/l	2.6	25000	22500	27500	
Co	59	45	He	101.261	ug/l	1.6	100	90	110	
Ni	60	45	He	102.550	ug/l	0.4	100	90	110	
Cu	63	45	He	101.497	ug/l	1.5	100	90	110	
Zn	66	45	He	256.901	ug/l	1.4	250	225	275	
As	75	45	He	103.077	ug/l	5.3	100	90	110	
Se	78	45	H2	102.692	ug/l	2.3	100	90	110	
Sr	88	115	He	97.827	ug/l	1.0	100	90	110	
Mo	95	115	He	99.556	ug/l	1.2	100	90	110	
Ag	107	115	He	49.908	ug/l	0.3	50	45	55	
Cd	111	115	He	98.993	ug/l	0.4	100	90	110	
Sn	118	115	He	110.253	ug/l	18.1	100	90	110	failed
Sb	121	45	He	105.443	ug/l	1.2	100	90	110	
Ba	137	159	He	94.877	ug/l	1.0	100	90	110	
Tl	205	209	He	99.107	ug/l	1.8	100	90	110	
[Pb]	206	209	He	99.886	ug/l	0.2				
[Pb]	207	209	He	99.344	ug/l	1.4				
Pb	208	209	He	99.587	ug/l	0.5	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3596424.95	1.8	93.3	60	125	
Sc (ISICPMS)	45	No Gas	4572703.48	3.1	92.5	60	125	
Sc (ISICPMS)	45	H2	1873520.67	3.1	91.4	60	125	
Sc (ISICPMS)	45	He	52636.99	1.4	89.2	60	125	
Ge (IS)	74	H2	366355.58	1.1	96.2	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Ge (IS)	74	He	30207.53	2.8	94.7	60	125	
Kr	83	He	26.69	21.7	66.7			
In-1	115	He	90712.91	0.4	91.8	60	125	
Tb (IS)	159	He	551138.93	1.3	94.6	60	125	
Bi (IS)	209	He	470753.54	1.0	95.9	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 072_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 12:05:33

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.023	ug/l	30.7	0.8	-0.8	0.8	
B	11	6	No Gas	5.918	ug/l	3.0	40	-40	40	
Na	23	45	He	0.800	ug/l	355.4	500	-500	500	
Mg	24	45	He	2.007	ug/l	35.8	200	-200	200	
Al	27	45	He	3.363	ug/l	39.6	40	-40	40	
K	39	45	He	-3.883	ug/l	N/A	200	-200	200	
Ca	40	45	H2	0.636	ug/l	86.2	500	-500	500	
Ti	47	45	He	-0.101	ug/l	N/A	4	-4	4	
V	51	45	He	-0.349	ug/l	N/A	4	-4	4	
Cr	52	45	He	0.071	ug/l	163.7	4	-4	4	
Mn	55	45	He	0.037	ug/l	160.3	8	-8	8	
Fe	56	45	H2	2.106	ug/l	11.2	60	-60	60	
Co	59	45	He	-0.004	ug/l	N/A	4	-4	4	
Ni	60	45	He	0.242	ug/l	53.5	4	-4	4	
Cu	63	45	He	0.086	ug/l	35.0	4	-4	4	
Zn	66	45	He	-1.012	ug/l	N/A	16	-16	16	
As	75	45	He	-0.034	ug/l	N/A	2	-2	2	
Se	78	45	H2	-0.036	ug/l	N/A	2.5	-2.5	2.5	
Sr	88	115	He	0.003	ug/l	1658.5	4	-4	4	
Mo	95	115	He	0.026	ug/l	102.5	4	-4	4	
Ag	107	115	He	-0.003	ug/l	N/A	2	-2	2	
Cd	111	115	He	0.010	ug/l	173.2	2	-2	2	
Sn	118	115	He	0.038	ug/l	692.2	16	-16	16	
Sb	121	45	He	0.018	ug/l	194.5	2	-2	2	
Ba	137	159	He	0.518	ug/l	14.3	4	-4	4	
Tl	205	209	He	0.003	ug/l	101.9	0.8	-0.8	0.8	
[Pb]	206	209	He	0.087	ug/l	58.3				
[Pb]	207	209	He	0.101	ug/l	11.0				
Pb	208	209	He	0.084	ug/l	22.0	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3544748.91	1.6	92.0	60	125	
Sc (ISICPMS)	45	No Gas	4606527.09	1.7	93.2	60	125	
Sc (ISICPMS)	45	H2	1892317.19	1.0	92.3	60	125	
Sc (ISICPMS)	45	He	52213.02	0.2	88.5	60	125	
Ge (IS)	74	H2	358294.03	2.0	94.1	60	125	
Ge (IS)	74	He	29308.15	1.9	91.9	60	125	
Kr	83	He	20.02	NaN	50.0			
In-1	115	He	91969.47	1.6	93.1	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Tb (IS)	159	He	552030.29	0.5	94.8	60	125	
Bi (IS)	209	He	479282.12	0.6	97.6	60	125	

Sample Report

File Name 073SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 12:07:54

Sample Name **460-255804-A-4-A**

Comment ---

Dilution **1.0000**

Vial # 3202

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.022	ug/l	13.3	2000	
B	11	6	No Gas	12.246	ug/l	1.2	500	
Na	23	45	He	14873.817	ug/l	1.1	500000	
Mg	24	45	He	2016.621	ug/l	0.7	500000	
Al	27	45	He	21.463	ug/l	13.5	200000	
K	39	45	He	2338.742	ug/l	2.3	500000	
Ca	40	45	H2	9196.251	ug/l	2.6	500000	
Ti	47	45	He	0.562	ug/l	35.0	5000	
V	51	45	He	-0.319	ug/l	N/A	5000	
Cr	52	45	He	0.231	ug/l	78.4	20000	
Mn	55	45	He	10.727	ug/l	3.4	10000	
Fe	56	45	H2	43.808	ug/l	4.3	500000	
Co	59	45	He	0.009	ug/l	112.5	2000	
Ni	60	45	He	1.299	ug/l	7.1	20000	
Cu	63	45	He	21.088	ug/l	1.8	20000	
Zn	66	45	He	4.747	ug/l	4.4	20000	
As	75	45	He	1.040	ug/l	9.9	5000	
Se	78	45	H2	0.057	ug/l	96.5	2000	
Sr	88	115	He	30.174	ug/l	6.9	5000	
Mo	95	115	He	0.152	ug/l	25.6	2000	
Ag	107	115	He	0.009	ug/l	88.2	100	
Cd	111	115	He	0.020	ug/l	86.6	5000	
Sn	118	115	He	0.022	ug/l	493.8	200	
Sb	121	45	He	0.092	ug/l	50.5	200	
Ba	137	159	He	25.636	ug/l	11.0	20000	
Tl	205	209	He	0.000	ug/l	N/A	1000	
[Pb]	206	209	He	0.160	ug/l	22.2		
[Pb]	207	209	He	0.106	ug/l	4.0		
Pb	208	209	He	0.127	ug/l	13.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3589699.01	2.1	93.2	60	125	
Sc (ISICPMS)	45	No Gas	4654037.94	2.8	94.2	60	125	
Sc (ISICPMS)	45	H2	1867553.96	3.7	91.1	60	125	
Sc (ISICPMS)	45	He	51755.60	0.3	87.7	60	125	
Ge (IS)	74	H2	373117.75	0.5	98.0	60	125	
Ge (IS)	74	He	30993.50	0.6	97.2	60	125	
Kr	83	He	16.68	91.7	41.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	90971.58	1.0	92.1	60	125	
Tb (IS)	159	He	545489.13	1.6	93.6	60	125	
Bi (IS)	209	He	480289.97	0.1	97.9	60	125	

Sample Report

File Name 074SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 12:10:13

Sample Name **460-255062-C-2-A**

Comment ---

Dilution **1.0000**

Vial # 3203

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.035	ug/l	26.0	2000	
B	11	6	No Gas	17.075	ug/l	2.9	500	
Na	23	45	He	18367.984	ug/l	1.2	500000	
Mg	24	45	He	1982.125	ug/l	1.0	500000	
Al	27	45	He	2581.939	ug/l	0.7	200000	
K	39	45	He	306.833	ug/l	3.0	500000	
Ca	40	45	H2	2422.394	ug/l	0.6	500000	
Ti	47	45	He	86.365	ug/l	4.8	5000	
V	51	45	He	9.155	ug/l	5.7	5000	
Cr	52	45	He	3.297	ug/l	16.3	20000	
Mn	55	45	He	43.310	ug/l	1.9	10000	
Fe	56	45	H2	4590.004	ug/l	0.7	500000	
Co	59	45	He	2.452	ug/l	2.6	2000	
Ni	60	45	He	3.918	ug/l	9.6	20000	
Cu	63	45	He	12.651	ug/l	1.3	20000	
Zn	66	45	He	106.396	ug/l	2.3	20000	
As	75	45	He	1.014	ug/l	27.2	5000	
Se	78	45	H2	0.055	ug/l	189.1	2000	
Sr	88	115	He	8.162	ug/l	3.2	5000	
Mo	95	115	He	1.216	ug/l	9.3	2000	
Ag	107	115	He	0.018	ug/l	45.4	100	
Cd	111	115	He	0.041	ug/l	115.0	5000	
Sn	118	115	He	0.649	ug/l	32.4	200	
Sb	121	45	He	0.756	ug/l	16.6	200	
Ba	137	159	He	8.672	ug/l	21.1	20000	
Tl	205	209	He	-0.002	ug/l	N/A	1000	
[Pb]	206	209	He	6.526	ug/l	1.5		
[Pb]	207	209	He	5.962	ug/l	4.3		
Pb	208	209	He	6.160	ug/l	1.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3564703.66	1.2	92.5	60	125	
Sc (ISICPMS)	45	No Gas	4573886.38	1.2	92.6	60	125	
Sc (ISICPMS)	45	H2	1873821.86	1.3	91.4	60	125	
Sc (ISICPMS)	45	He	52195.18	1.9	88.4	60	125	
Ge (IS)	74	H2	374767.59	1.7	98.4	60	125	
Ge (IS)	74	He	31809.45	0.7	99.7	60	125	
Kr	83	He	40.04	25.0	100.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	90863.99	1.5	92.0	60	125	
Tb (IS)	159	He	551150.81	1.6	94.6	60	125	
Bi (IS)	209	He	480015.79	1.2	97.8	60	125	

Sample Report

File Name 075SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 12:12:32

Sample Name **460-255363-L-1-A**

Comment ---

Dilution **1.0000**

Vial # 3204

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.294	ug/l	22.2	2000	
B	11	6	No Gas	61.132	ug/l	1.6	500	
Na	23	45	He	197621.886	ug/l	2.8	500000	
Mg	24	45	He	5835.480	ug/l	0.3	500000	
Al	27	45	He	10232.279	ug/l	1.0	200000	
K	39	45	He	9862.139	ug/l	0.4	500000	
Ca	40	45	H2	14682.920	ug/l	0.6	500000	
Ti	47	45	He	19.061	ug/l	28.4	5000	
V	51	45	He	9.666	ug/l	5.2	5000	
Cr	52	45	He	3.507	ug/l	4.8	20000	
Mn	55	45	He	117.571	ug/l	1.2	10000	
Fe	56	45	H2	20108.513	ug/l	0.1	500000	
Co	59	45	He	2.428	ug/l	3.6	2000	
Ni	60	45	He	14.167	ug/l	1.1	20000	
Cu	63	45	He	0.739	ug/l	14.7	20000	
Zn	66	45	He	12.392	ug/l	15.8	20000	
As	75	45	He	1.575	ug/l	13.9	5000	
Se	78	45	H2	0.199	ug/l	49.5	2000	
Sr	88	115	He	121.603	ug/l	1.2	5000	
Mo	95	115	He	0.916	ug/l	5.8	2000	
Ag	107	115	He	0.004	ug/l	43.1	100	
Cd	111	115	He	0.532	ug/l	14.8	5000	
Sn	118	115	He	-0.031	ug/l	N/A	200	
Sb	121	45	He	0.040	ug/l	129.4	200	
Ba	137	159	He	287.199	ug/l	1.2	20000	
Tl	205	209	He	0.007	ug/l	106.0	1000	
[Pb]	206	209	He	0.615	ug/l	6.6		
[Pb]	207	209	He	0.752	ug/l	2.0		
Pb	208	209	He	0.686	ug/l	5.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3518897.52	1.8	91.3	60	125	
Sc (ISICPMS)	45	No Gas	4534121.36	1.4	91.8	60	125	
Sc (ISICPMS)	45	H2	1839097.44	0.5	89.8	60	125	
Sc (ISICPMS)	45	He	51377.60	0.3	87.1	60	125	
Ge (IS)	74	H2	356954.96	0.9	93.7	60	125	
Ge (IS)	74	He	29970.28	4.0	94.0	60	125	
Kr	83	He	30.03	66.7	75.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	87988.29	0.3	89.0	60	125	
Tb (IS)	159	He	547220.44	0.2	93.9	60	125	
Bi (IS)	209	He	464618.01	0.4	94.7	60	125	

Sample Report

File Name 076SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 12:14:49

Sample Name **460-255193-B-2-B**

Comment ---

Dilution **1.0000**

Vial # 3205

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.017	ug/l	45.9	2000	
B	11	6	No Gas	35.470	ug/l	2.7	500	
Na	23	45	He	2707298.767	ug/l	2.5	500000	>LDR 6020B□>LDR 200.8
Mg	24	45	He	3315.463	ug/l	2.2	500000	
Al	27	45	He	84.008	ug/l	11.0	200000	
K	39	45	He	6570.927	ug/l	2.1	500000	
Ca	40	45	H2	11655.157	ug/l	4.3	500000	
Ti	47	45	He	4.872	ug/l	13.9	5000	
V	51	45	He	-0.068	ug/l	N/A	5000	
Cr	52	45	He	23.604	ug/l	1.7	20000	
Mn	55	45	He	42.163	ug/l	2.1	10000	
Fe	56	45	H2	2634.956	ug/l	2.3	500000	
Co	59	45	He	4.653	ug/l	5.0	2000	
Ni	60	45	He	67.005	ug/l	2.7	20000	
Cu	63	45	He	36.751	ug/l	3.0	20000	
Zn	66	45	He	478.218	ug/l	1.5	20000	
As	75	45	He	0.390	ug/l	43.2	5000	
Se	78	45	H2	0.404	ug/l	34.3	2000	
Sr	88	115	He	48.225	ug/l	4.2	5000	
Mo	95	115	He	13.344	ug/l	2.8	2000	
Ag	107	115	He	0.685	ug/l	4.4	100	
Cd	111	115	He	0.159	ug/l	20.1	5000	
Sn	118	115	He	1.219	ug/l	16.7	200	
Sb	121	45	He	2.172	ug/l	7.1	200	
Ba	137	159	He	23.536	ug/l	8.4	20000	
Tl	205	209	He	-0.005	ug/l	N/A	1000	
[Pb]	206	209	He	5.582	ug/l	3.3		
[Pb]	207	209	He	5.198	ug/l	3.4		
Pb	208	209	He	5.323	ug/l	1.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3314447.56	1.5	86.0	60	125	
Sc (ISICPMS)	45	No Gas	4399862.57	2.2	89.0	60	125	
Sc (ISICPMS)	45	H2	1826575.96	1.3	89.1	60	125	
Sc (ISICPMS)	45	He	52473.72	2.0	88.9	60	125	
Ge (IS)	74	H2	355310.50	0.4	93.3	60	125	
Ge (IS)	74	He	30501.85	2.9	95.6	60	125	
Kr	83	He	30.03	0.0	75.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	88406.15	0.2	89.5	60	125	
Tb (IS)	159	He	535525.26	0.3	91.9	60	125	
Bi (IS)	209	He	440202.10	0.9	89.7	60	125	

Sample Report

File Name 077SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 12:17:08

Sample Name **460-255202-A-1-A**

Comment ---

Dilution **1.0000**

Vial # 3206

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.005	ug/l	157.6	2000	
B	11	6	No Gas	512.898	ug/l	1.5	500	>LDR 6020B
Na	23	45	He	299303.926	ug/l	2.4	500000	
Mg	24	45	He	22412.651	ug/l	0.5	500000	
Al	27	45	He	1065.017	ug/l	0.7	200000	
K	39	45	He	1230266.149	ug/l	1.2	500000	>LDR 6020B□>LDR 200.8
Ca	40	45	H2	60933.746	ug/l	2.1	500000	
Ti	47	45	He	31.831	ug/l	6.6	5000	
V	51	45	He	1.353	ug/l	13.2	5000	
Cr	52	45	He	51.587	ug/l	1.0	20000	
Mn	55	45	He	75.032	ug/l	3.1	10000	
Fe	56	45	H2	1625.225	ug/l	1.5	500000	
Co	59	45	He	51.874	ug/l	1.8	2000	
Ni	60	45	He	353.546	ug/l	0.5	20000	
Cu	63	45	He	27.028	ug/l	0.6	20000	
Zn	66	45	He	43.373	ug/l	2.1	20000	
As	75	45	He	1.618	ug/l	13.9	5000	
Se	78	45	H2	0.881	ug/l	10.2	2000	
Sr	88	115	He	162.775	ug/l	3.3	5000	
Mo	95	115	He	33.151	ug/l	1.6	2000	
Ag	107	115	He	164.937	ug/l	1.7	100	>LDR 6020B
Cd	111	115	He	0.119	ug/l	58.0	5000	
Sn	118	115	He	0.177	ug/l	48.8	200	
Sb	121	45	He	0.227	ug/l	4.8	200	
Ba	137	159	He	26.178	ug/l	2.5	20000	
Tl	205	209	He	0.042	ug/l	25.9	1000	
[Pb]	206	209	He	1.306	ug/l	6.7		
[Pb]	207	209	He	1.115	ug/l	2.6		
Pb	208	209	He	1.163	ug/l	5.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3305355.50	0.8	85.8	60	125	
Sc (ISICPMS)	45	No Gas	4328272.18	1.2	87.6	60	125	
Sc (ISICPMS)	45	H2	1779824.90	1.0	86.9	60	125	
Sc (ISICPMS)	45	He	50580.23	0.7	85.7	60	125	
Ge (IS)	74	H2	351633.93	1.1	92.3	60	125	
Ge (IS)	74	He	30010.14	3.9	94.1	60	125	
Kr	83	He	13.35	86.6	33.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	86931.71	1.2	88.0	60	125	
Tb (IS)	159	He	533697.56	1.2	91.6	60	125	
Bi (IS)	209	He	444844.76	1.0	90.6	60	125	

Sample Report

File Name 078SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 12:19:25

Sample Name **460-255202-A-2-A**

Comment ---

Dilution **1.0000**

Vial # 3207

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.026	ug/l	8.5	2000	
B	11	6	No Gas	383.298	ug/l	1.9	500	
Na	23	45	He	272235.290	ug/l	1.3	500000	
Mg	24	45	He	28111.008	ug/l	1.4	500000	
Al	27	45	He	776.945	ug/l	0.8	200000	
K	39	45	He	498118.838	ug/l	0.7	500000	>LDR 200.8
Ca	40	45	H2	70344.774	ug/l	1.6	500000	
Ti	47	45	He	30.344	ug/l	4.3	5000	
V	51	45	He	1.403	ug/l	4.9	5000	
Cr	52	45	He	74.771	ug/l	1.3	20000	
Mn	55	45	He	74.956	ug/l	0.8	10000	
Fe	56	45	H2	2047.132	ug/l	1.6	500000	
Co	59	45	He	124.942	ug/l	0.7	2000	
Ni	60	45	He	874.977	ug/l	1.3	20000	
Cu	63	45	He	25.666	ug/l	2.7	20000	
Zn	66	45	He	44.472	ug/l	2.7	20000	
As	75	45	He	2.172	ug/l	11.5	5000	
Se	78	45	H2	1.191	ug/l	20.5	2000	
Sr	88	115	He	179.181	ug/l	2.8	5000	
Mo	95	115	He	74.641	ug/l	1.3	2000	
Ag	107	115	He	50.527	ug/l	2.2	100	
Cd	111	115	He	0.140	ug/l	95.5	5000	
Sn	118	115	He	0.201	ug/l	112.2	200	
Sb	121	45	He	0.433	ug/l	27.3	200	
Ba	137	159	He	24.171	ug/l	7.7	20000	
Tl	205	209	He	0.038	ug/l	21.0	1000	
[Pb]	206	209	He	1.163	ug/l	5.7		
[Pb]	207	209	He	0.943	ug/l	13.9		
Pb	208	209	He	1.006	ug/l	3.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3184042.42	2.0	82.6	60	125	
Sc (ISICPMS)	45	No Gas	4193966.68	2.3	84.9	60	125	
Sc (ISICPMS)	45	H2	1750816.16	0.5	85.4	60	125	
Sc (ISICPMS)	45	He	49790.66	0.5	84.4	60	125	
Ge (IS)	74	H2	349079.62	1.6	91.6	60	125	
Ge (IS)	74	He	29511.95	1.4	92.5	60	125	
Kr	83	He	30.03	33.3	75.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	87132.04	1.3	88.2	60	125	
Tb (IS)	159	He	537014.27	1.1	92.2	60	125	
Bi (IS)	209	He	450190.76	0.2	91.7	60	125	

Sample Report

File Name 079SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 12:21:41

Sample Name **460-255202-A-3-A**

Comment ---

Dilution **1.0000**

Vial # 3208

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.004	ug/l	96.1	2000	
B	11	6	No Gas	904.574	ug/l	2.1	500	>LDR 6020B
Na	23	45	He	157504.550	ug/l	0.3	500000	
Mg	24	45	He	20015.963	ug/l	1.4	500000	
Al	27	45	He	767.515	ug/l	7.7	200000	
K	39	45	He	494468.426	ug/l	1.7	500000	>LDR 200.8
Ca	40	45	H2	50321.682	ug/l	1.3	500000	
Ti	47	45	He	29.488	ug/l	20.4	5000	
V	51	45	He	1.115	ug/l	9.5	5000	
Cr	52	45	He	23.360	ug/l	2.1	20000	
Mn	55	45	He	64.792	ug/l	5.0	10000	
Fe	56	45	H2	2402.286	ug/l	1.7	500000	
Co	59	45	He	33.977	ug/l	3.2	2000	
Ni	60	45	He	303.117	ug/l	2.9	20000	
Cu	63	45	He	20.201	ug/l	3.1	20000	
Zn	66	45	He	32.393	ug/l	9.8	20000	
As	75	45	He	2.111	ug/l	10.2	5000	
Se	78	45	H2	0.810	ug/l	27.2	2000	
Sr	88	115	He	127.605	ug/l	3.1	5000	
Mo	95	115	He	75.040	ug/l	1.9	2000	
Ag	107	115	He	40.863	ug/l	0.7	100	
Cd	111	115	He	0.510	ug/l	45.7	5000	
Sn	118	115	He	0.108	ug/l	188.2	200	
Sb	121	45	He	0.204	ug/l	40.6	200	
Ba	137	159	He	17.360	ug/l	3.0	20000	
Tl	205	209	He	0.022	ug/l	15.5	1000	
[Pb]	206	209	He	1.012	ug/l	14.6		
[Pb]	207	209	He	0.748	ug/l	11.5		
Pb	208	209	He	0.886	ug/l	2.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3275165.54	0.5	85.0	60	125	
Sc (ISICPMS)	45	No Gas	4256387.75	1.1	86.1	60	125	
Sc (ISICPMS)	45	H2	1765711.40	1.0	86.2	60	125	
Sc (ISICPMS)	45	He	49759.37	1.7	84.3	60	125	
Ge (IS)	74	H2	352183.94	0.6	92.5	60	125	
Ge (IS)	74	He	29538.62	4.8	92.6	60	125	
Kr	83	He	26.69	57.3	66.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	86120.98	0.6	87.2	60	125	
Tb (IS)	159	He	533248.85	1.3	91.5	60	125	
Bi (IS)	209	He	456236.22	0.9	93.0	60	125	

Sample Report

File Name 080SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 12:23:58

Sample Name **460-255601-H-4-C**

Comment ---

Dilution **1.0000**

Vial # 2411

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	5.544	ug/l	2.4	2000	
B	11	6	No Gas	59.865	ug/l	1.9	500	
Na	23	45	He	6020.073	ug/l	2.5	500000	
Mg	24	45	He	55416.381	ug/l	2.5	500000	
Al	27	45	He	92047.396	ug/l	3.0	200000	
K	39	45	He	20696.240	ug/l	2.3	500000	
Ca	40	45	H2	154010.938	ug/l	1.5	500000	
Ti	47	45	He	4246.436	ug/l	1.2	5000	
V	51	45	He	314.879	ug/l	2.9	5000	
Cr	52	45	He	440.445	ug/l	2.4	20000	
Mn	55	45	He	2358.764	ug/l	2.1	10000	
Fe	56	45	H2	226100.320	ug/l	0.2	500000	
Co	59	45	He	75.692	ug/l	0.9	2000	
Ni	60	45	He	162.015	ug/l	2.1	20000	
Cu	63	45	He	1093.317	ug/l	2.6	20000	
Zn	66	45	He	4752.124	ug/l	1.7	20000	
As	75	45	He	86.406	ug/l	2.4	5000	
Se	78	45	H2	8.090	ug/l	8.8	2000	
Sr	88	115	He	452.121	ug/l	1.2	5000	
Mo	95	115	He	72.018	ug/l	2.2	2000	
Ag	107	115	He	3.745	ug/l	0.8	100	
Cd	111	115	He	8.057	ug/l	1.8	5000	
Sn	118	115	He	379.852	ug/l	1.5	200	>LDR 6020B
Sb	121	45	He	11.229	ug/l	6.0	200	
Ba	137	159	He	2142.176	ug/l	0.8	20000	
Tl	205	209	He	1.717	ug/l	1.6	1000	
[Pb]	206	209	He	6543.216	ug/l	1.9		
[Pb]	207	209	He	6410.936	ug/l	2.2		
Pb	208	209	He	6391.028	ug/l	1.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3287134.08	2.1	85.3	60	125	
Sc (ISICPMS)	45	No Gas	4306906.08	2.2	87.2	60	125	
Sc (ISICPMS)	45	H2	1804473.37	2.4	88.1	60	125	
Sc (ISICPMS)	45	He	51870.66	1.9	87.9	60	125	
Ge (IS)	74	H2	348260.88	0.7	91.4	60	125	
Ge (IS)	74	He	30234.40	0.4	94.8	60	125	
Kr	83	He	60.06	57.7	150.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	86728.64	0.6	87.8	60	125	
Tb (IS)	159	He	549669.06	0.2	94.3	60	125	
Bi (IS)	209	He	476409.81	0.6	97.1	60	125	

Sample Report

File Name 081SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 12:26:14

Sample Name **460-255601-L-5-A**

Comment ---

Dilution **1.0000**

Vial # 2412

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	5.234	ug/l	3.2	2000	
B	11	6	No Gas	51.894	ug/l	3.5	500	
Na	23	45	He	1711.354	ug/l	2.1	500000	
Mg	24	45	He	58020.036	ug/l	1.4	500000	
Al	27	45	He	111496.248	ug/l	1.2	200000	
K	39	45	He	26632.855	ug/l	2.0	500000	
Ca	40	45	H2	164385.304	ug/l	1.2	500000	
Ti	47	45	He	4837.377	ug/l	1.6	5000	>LDR 200.8
V	51	45	He	249.133	ug/l	1.5	5000	
Cr	52	45	He	227.914	ug/l	2.2	20000	
Mn	55	45	He	2554.961	ug/l	0.8	10000	
Fe	56	45	H2	185204.678	ug/l	0.8	500000	
Co	59	45	He	77.624	ug/l	1.9	2000	
Ni	60	45	He	155.825	ug/l	2.9	20000	
Cu	63	45	He	412.487	ug/l	1.4	20000	
Zn	66	45	He	979.302	ug/l	2.2	20000	
As	75	45	He	52.093	ug/l	3.3	5000	
Se	78	45	H2	2.976	ug/l	5.9	2000	
Sr	88	115	He	670.359	ug/l	1.5	5000	
Mo	95	115	He	12.698	ug/l	6.0	2000	
Ag	107	115	He	2.067	ug/l	0.8	100	
Cd	111	115	He	1.537	ug/l	22.8	5000	
Sn	118	115	He	99.752	ug/l	3.2	200	
Sb	121	45	He	7.050	ug/l	5.1	200	
Ba	137	159	He	1103.809	ug/l	1.5	20000	
Tl	205	209	He	1.904	ug/l	2.3	1000	
[Pb]	206	209	He	1646.391	ug/l	3.0		
[Pb]	207	209	He	1511.780	ug/l	2.5		
Pb	208	209	He	1587.763	ug/l	2.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3268907.35	2.1	84.8	60	125	
Sc (ISICPMS)	45	No Gas	4331386.55	2.2	87.7	60	125	
Sc (ISICPMS)	45	H2	1791987.80	0.3	87.5	60	125	
Sc (ISICPMS)	45	He	50688.48	1.6	85.9	60	125	
Ge (IS)	74	H2	347030.18	1.3	91.1	60	125	
Ge (IS)	74	He	29649.14	1.4	92.9	60	125	
Kr	83	He	66.73	17.3	166.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	86457.29	0.4	87.5	60	125	
Tb (IS)	159	He	543475.86	0.4	93.3	60	125	
Bi (IS)	209	He	462784.98	1.3	94.3	60	125	

Sample Report

File Name 082SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 12:28:31

Sample Name **460-255601-G-6-B**

Comment ---

Dilution **1.0000**

Vial # 2501

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	8.652	ug/l	3.7	2000	
B	11	6	No Gas	19.029	ug/l	2.0	500	
Na	23	45	He	2790.037	ug/l	0.6	500000	
Mg	24	45	He	101004.741	ug/l	3.0	500000	
Al	27	45	He	166838.213	ug/l	2.9	200000	
K	39	45	He	88882.472	ug/l	1.5	500000	
Ca	40	45	H2	28559.253	ug/l	2.6	500000	
Ti	47	45	He	15186.842	ug/l	2.1	5000	>LDR 6020B□>LDR 200.8
V	51	45	He	319.092	ug/l	2.0	5000	
Cr	52	45	He	310.621	ug/l	3.6	20000	
Mn	55	45	He	4692.864	ug/l	2.1	10000	
Fe	56	45	H2	249345.005	ug/l	2.8	500000	
Co	59	45	He	142.865	ug/l	4.0	2000	
Ni	60	45	He	286.600	ug/l	3.4	20000	
Cu	63	45	He	356.432	ug/l	2.8	20000	
Zn	66	45	He	935.012	ug/l	2.6	20000	
As	75	45	He	17.322	ug/l	9.2	5000	
Se	78	45	H2	1.359	ug/l	27.9	2000	
Sr	88	115	He	143.466	ug/l	0.5	5000	
Mo	95	115	He	34.240	ug/l	1.2	2000	
Ag	107	115	He	1.583	ug/l	5.4	100	
Cd	111	115	He	0.520	ug/l	9.8	5000	
Sn	118	115	He	40.521	ug/l	1.9	200	
Sb	121	45	He	1.913	ug/l	4.6	200	
Ba	137	159	He	1464.335	ug/l	1.7	20000	
Tl	205	209	He	5.345	ug/l	1.6	1000	
[Pb]	206	209	He	658.646	ug/l	1.3		
[Pb]	207	209	He	601.096	ug/l	0.7		
Pb	208	209	He	623.756	ug/l	0.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3662898.32	1.2	95.1	60	125	
Sc (ISICPMS)	45	No Gas	4970166.50	1.6	100.6	60	125	
Sc (ISICPMS)	45	H2	2041628.00	1.3	99.6	60	125	
Sc (ISICPMS)	45	He	57806.28	1.4	98.0	60	125	
Ge (IS)	74	H2	386005.64	0.7	101.3	60	125	
Ge (IS)	74	He	32551.94	1.5	102.0	60	125	
Kr	83	He	63.40	77.9	158.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	95587.03	1.3	96.7	60	125	
Tb (IS)	159	He	583916.40	0.5	100.2	60	125	
Bi (IS)	209	He	488063.24	0.3	99.4	60	125	

Continuing Calibration Verification (CCV)

File Name 083_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 12:30:46

Sample Name **CCV 9767647**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	99.890	ug/l	2.8	100	90	110	
B	11	6	No Gas	248.761	ug/l	2.6	250	225	275	
Na	23	45	He	25500.692	ug/l	1.1	25000	22500	27500	
Mg	24	45	He	25254.778	ug/l	0.5	25000	22500	27500	
Al	27	45	He	24942.370	ug/l	0.6	25000	22500	27500	
K	39	45	He	24844.538	ug/l	0.9	25000	22500	27500	
Ca	40	45	H2	24759.032	ug/l	1.2	25000	22500	27500	
Ti	47	45	He	94.234	ug/l	2.5	100	90	110	
V	51	45	He	99.612	ug/l	0.6	100	90	110	
Cr	52	45	He	100.462	ug/l	1.2	100	90	110	
Mn	55	45	He	102.196	ug/l	1.2	100	90	110	
Fe	56	45	H2	25488.977	ug/l	2.2	25000	22500	27500	
Co	59	45	He	101.072	ug/l	0.7	100	90	110	
Ni	60	45	He	99.090	ug/l	0.6	100	90	110	
Cu	63	45	He	100.870	ug/l	1.0	100	90	110	
Zn	66	45	He	254.355	ug/l	0.5	250	225	275	
As	75	45	He	101.048	ug/l	1.3	100	90	110	
Se	78	45	H2	100.732	ug/l	3.4	100	90	110	
Sr	88	115	He	97.911	ug/l	3.1	100	90	110	
Mo	95	115	He	99.166	ug/l	0.9	100	90	110	
Ag	107	115	He	49.608	ug/l	0.5	50	45	55	
Cd	111	115	He	99.808	ug/l	3.6	100	90	110	
Sn	118	115	He	101.866	ug/l	1.4	100	90	110	
Sb	121	45	He	105.244	ug/l	0.3	100	90	110	
Ba	137	159	He	98.625	ug/l	2.0	100	90	110	
Tl	205	209	He	97.768	ug/l	0.9	100	90	110	
[Pb]	206	209	He	97.952	ug/l	0.7				
[Pb]	207	209	He	98.863	ug/l	0.4				
Pb	208	209	He	98.342	ug/l	1.1	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3557212.00	1.6	92.3	60	125	
Sc (ISICPMS)	45	No Gas	4692847.27	2.3	95.0	60	125	
Sc (ISICPMS)	45	H2	1886056.45	3.1	92.0	60	125	
Sc (ISICPMS)	45	He	52983.56	1.0	89.8	60	125	
Ge (IS)	74	H2	369753.75	1.2	97.1	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Ge (IS)	74	He	30358.09	2.4	95.2	60	125	
Kr	83	He	30.03	33.3	75.0			
In-1	115	He	91660.91	1.3	92.8	60	125	
Tb (IS)	159	He	559418.32	0.4	96.0	60	125	
Bi (IS)	209	He	482981.84	1.2	98.4	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 084_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 12:33:03

Sample Name **CCB**

Comment ---

Dilution 1.0000

Analyte Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.027	ug/l	72.5	0.8	-0.8	0.8	
B	11	6	No Gas	7.008	ug/l	2.6	40	-40	40	
Na	23	45	He	66.461	ug/l	15.3	500	-500	500	
Mg	24	45	He	2.352	ug/l	33.5	200	-200	200	
Al	27	45	He	1.929	ug/l	46.7	40	-40	40	
K	39	45	He	3.920	ug/l	425.9	200	-200	200	
Ca	40	45	H2	0.962	ug/l	48.0	500	-500	500	
Ti	47	45	He	0.214	ug/l	186.1	4	-4	4	
V	51	45	He	0.030	ug/l	406.2	4	-4	4	
Cr	52	45	He	-0.024	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.151	ug/l	29.7	8	-8	8	
Fe	56	45	H2	3.554	ug/l	7.2	60	-60	60	
Co	59	45	He	0.008	ug/l	146.4	4	-4	4	
Ni	60	45	He	0.637	ug/l	33.6	4	-4	4	
Cu	63	45	He	0.111	ug/l	93.5	4	-4	4	
Zn	66	45	He	-1.402	ug/l	N/A	16	-16	16	
As	75	45	He	0.049	ug/l	201.1	2	-2	2	
Se	78	45	H2	0.010	ug/l	696.9	2.5	-2.5	2.5	
Sr	88	115	He	0.029	ug/l	154.8	4	-4	4	
Mo	95	115	He	0.013	ug/l	149.4	4	-4	4	
Ag	107	115	He	0.002	ug/l	671.8	2	-2	2	
Cd	111	115	He	0.010	ug/l	173.2	2	-2	2	
Sn	118	115	He	0.089	ug/l	86.5	16	-16	16	
Sb	121	45	He	-0.007	ug/l	N/A	2	-2	2	
Ba	137	159	He	0.517	ug/l	14.0	4	-4	4	
Tl	205	209	He	0.008	ug/l	113.5	0.8	-0.8	0.8	
[Pb]	206	209	He	0.157	ug/l	13.3				
[Pb]	207	209	He	0.144	ug/l	26.2				
Pb	208	209	He	0.153	ug/l	18.5	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3548008.18	1.4	92.1	60	125	
Sc (ISICPMS)	45	No Gas	4584840.09	2.7	92.8	60	125	
Sc (ISICPMS)	45	H2	1872459.29	2.4	91.4	60	125	
Sc (ISICPMS)	45	He	53443.18	1.1	90.6	60	125	
Ge (IS)	74	H2	355432.35	2.3	93.3	60	125	
Ge (IS)	74	He	30578.76	2.0	95.9	60	125	
Kr	83	He	23.36	65.5	58.3			
In-1	115	He	92940.17	1.6	94.1	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Tb (IS)	159	He	560105.44	0.5	96.1	60	125	
Bi (IS)	209	He	485865.65	0.9	99.0	60	125	

Sample Report

File Name 085SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 12:35:23

Sample Name **460-255202-A-4-A**

Comment ---

Dilution **1.0000**

Vial # 3209

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.019	ug/l	44.2	2000	
B	11	6	No Gas	84.764	ug/l	0.6	500	
Na	23	45	He	111951.493	ug/l	2.5	500000	
Mg	24	45	He	23521.196	ug/l	1.7	500000	
Al	27	45	He	165.203	ug/l	8.0	200000	
K	39	45	He	745893.515	ug/l	1.6	500000	>LDR 6020B□>LDR 200.8
Ca	40	45	H2	62085.624	ug/l	0.4	500000	
Ti	47	45	He	16.799	ug/l	28.1	5000	
V	51	45	He	0.898	ug/l	10.8	5000	
Cr	52	45	He	7.976	ug/l	4.1	20000	
Mn	55	45	He	45.764	ug/l	0.7	10000	
Fe	56	45	H2	338.001	ug/l	1.3	500000	
Co	59	45	He	13.547	ug/l	1.7	2000	
Ni	60	45	He	142.752	ug/l	2.0	20000	
Cu	63	45	He	20.479	ug/l	2.1	20000	
Zn	66	45	He	30.337	ug/l	6.3	20000	
As	75	45	He	1.580	ug/l	13.7	5000	
Se	78	45	H2	0.585	ug/l	76.7	2000	
Sr	88	115	He	165.615	ug/l	1.8	5000	
Mo	95	115	He	29.633	ug/l	2.3	2000	
Ag	107	115	He	14.457	ug/l	1.3	100	
Cd	111	115	He	0.666	ug/l	31.2	5000	
Sn	118	115	He	0.181	ug/l	30.6	200	
Sb	121	45	He	0.222	ug/l	12.4	200	
Ba	137	159	He	23.033	ug/l	6.5	20000	
Tl	205	209	He	0.015	ug/l	20.8	1000	
[Pb]	206	209	He	0.812	ug/l	10.1		
[Pb]	207	209	He	0.644	ug/l	6.0		
Pb	208	209	He	0.673	ug/l	1.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3237515.72	0.7	84.0	60	125	
Sc (ISICPMS)	45	No Gas	4313014.53	0.9	87.3	60	125	
Sc (ISICPMS)	45	H2	1757320.70	0.6	85.8	60	125	
Sc (ISICPMS)	45	He	49886.57	0.6	84.5	60	125	
Ge (IS)	74	H2	350974.50	1.1	92.1	60	125	
Ge (IS)	74	He	29675.92	4.6	93.0	60	125	
Kr	83	He	30.03	33.3	75.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	87097.49	1.1	88.1	60	125	
Tb (IS)	159	He	537090.39	0.7	92.2	60	125	
Bi (IS)	209	He	452710.80	0.7	92.2	60	125	

Sample Report

File Name 086SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 12:37:41

Sample Name **460-255209-A-1-A**

Comment ---

Dilution **1.0000**

Vial # 3210

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.069	ug/l	26.0	2000	
B	11	6	No Gas	15.740	ug/l	1.7	500	
Na	23	45	He	1026.351	ug/l	1.6	500000	
Mg	24	45	He	386.462	ug/l	2.2	500000	
Al	27	45	He	519.105	ug/l	3.3	200000	
K	39	45	He	231.863	ug/l	4.6	500000	
Ca	40	45	H2	4052.716	ug/l	1.8	500000	
Ti	47	45	He	26.646	ug/l	7.0	5000	
V	51	45	He	0.040	ug/l	451.5	5000	
Cr	52	45	He	0.006	ug/l	461.0	20000	
Mn	55	45	He	18.415	ug/l	4.5	10000	
Fe	56	45	H2	55.006	ug/l	3.5	500000	
Co	59	45	He	0.288	ug/l	6.6	2000	
Ni	60	45	He	1.157	ug/l	14.6	20000	
Cu	63	45	He	1.086	ug/l	10.8	20000	
Zn	66	45	He	7.784	ug/l	10.7	20000	
As	75	45	He	0.093	ug/l	72.7	5000	
Se	78	45	H2	0.154	ug/l	30.5	2000	
Sr	88	115	He	10.155	ug/l	6.3	5000	
Mo	95	115	He	0.074	ug/l	45.2	2000	
Ag	107	115	He	0.000	ug/l	N/A	100	
Cd	111	115	He	0.063	ug/l	100.6	5000	
Sn	118	115	He	-0.012	ug/l	N/A	200	
Sb	121	45	He	2.379	ug/l	3.5	200	
Ba	137	159	He	13.320	ug/l	1.2	20000	
Tl	205	209	He	-0.008	ug/l	N/A	1000	
[Pb]	206	209	He	28.626	ug/l	1.8		
[Pb]	207	209	He	26.871	ug/l	0.6		
Pb	208	209	He	27.382	ug/l	1.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3422835.02	3.1	88.8	60	125	
Sc (ISICPMS)	45	No Gas	4360024.09	1.9	88.2	60	125	
Sc (ISICPMS)	45	H2	1823485.08	2.6	89.0	60	125	
Sc (ISICPMS)	45	He	50634.85	0.7	85.8	60	125	
Ge (IS)	74	H2	359935.56	0.8	94.5	60	125	
Ge (IS)	74	He	29949.99	0.7	93.9	60	125	
Kr	83	He	16.68	91.7	41.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	88941.02	1.0	90.0	60	125	
Tb (IS)	159	He	543135.05	1.5	93.2	60	125	
Bi (IS)	209	He	477672.07	0.2	97.3	60	125	

Sample Report

File Name 087SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 12:40:00

Sample Name **460-255433-E-1-A**

Comment ---

Dilution **1.0000**

Vial # 3211

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.032	ug/l	44.9	2000	
B	11	6	No Gas	63.701	ug/l	1.1	500	
Na	23	45	He	28286.612	ug/l	1.8	500000	
Mg	24	45	He	7123.983	ug/l	0.7	500000	
Al	27	45	He	56.911	ug/l	5.8	200000	
K	39	45	He	2108.581	ug/l	2.2	500000	
Ca	40	45	H2	20921.235	ug/l	2.1	500000	
Ti	47	45	He	0.043	ug/l	552.9	5000	
V	51	45	He	-0.174	ug/l	N/A	5000	
Cr	52	45	He	-0.364	ug/l	N/A	20000	
Mn	55	45	He	34.788	ug/l	1.9	10000	
Fe	56	45	H2	4.626	ug/l	4.7	500000	
Co	59	45	He	0.076	ug/l	17.4	2000	
Ni	60	45	He	3.336	ug/l	8.4	20000	
Cu	63	45	He	0.529	ug/l	6.1	20000	
Zn	66	45	He	7.610	ug/l	14.0	20000	
As	75	45	He	0.486	ug/l	33.1	5000	
Se	78	45	H2	0.115	ug/l	136.0	2000	
Sr	88	115	He	84.246	ug/l	1.2	5000	
Mo	95	115	He	0.412	ug/l	19.5	2000	
Ag	107	115	He	0.001	ug/l	309.9	100	
Cd	111	115	He	0.650	ug/l	7.2	5000	
Sn	118	115	He	-0.048	ug/l	N/A	200	
Sb	121	45	He	0.257	ug/l	24.8	200	
Ba	137	159	He	200.021	ug/l	1.5	20000	
Tl	205	209	He	-0.004	ug/l	N/A	1000	
[Pb]	206	209	He	0.088	ug/l	6.6		
[Pb]	207	209	He	0.096	ug/l	15.9		
Pb	208	209	He	0.102	ug/l	23.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3308774.36	0.9	85.9	60	125	
Sc (ISICPMS)	45	No Gas	4283621.75	0.4	86.7	60	125	
Sc (ISICPMS)	45	H2	1776475.81	3.0	86.7	60	125	
Sc (ISICPMS)	45	He	49692.42	0.5	84.2	60	125	
Ge (IS)	74	H2	358951.47	1.5	94.2	60	125	
Ge (IS)	74	He	30548.63	0.1	95.8	60	125	
Kr	83	He	20.02	50.0	50.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	87884.31	1.4	88.9	60	125	
Tb (IS)	159	He	534206.85	1.1	91.7	60	125	
Bi (IS)	209	He	469084.03	1.5	95.6	60	125	

Sample Report

File Name 088SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 12:42:18

Sample Name **460-255336-A-1-A**

Comment ---

Dilution **1.0000**

Vial # 3212

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.007	ug/l	40.0	2000	
B	11	6	No Gas	19.983	ug/l	1.2	500	
Na	23	45	He	27523.539	ug/l	0.9	500000	
Mg	24	45	He	5817.102	ug/l	1.5	500000	
Al	27	45	He	4.082	ug/l	21.3	200000	
K	39	45	He	1594.866	ug/l	1.2	500000	
Ca	40	45	H2	29383.899	ug/l	0.8	500000	
Ti	47	45	He	0.191	ug/l	222.1	5000	
V	51	45	He	-0.327	ug/l	N/A	5000	
Cr	52	45	He	0.477	ug/l	54.3	20000	
Mn	55	45	He	0.699	ug/l	16.3	10000	
Fe	56	45	H2	6.684	ug/l	5.9	500000	
Co	59	45	He	0.039	ug/l	12.3	2000	
Ni	60	45	He	3.739	ug/l	11.3	20000	
Cu	63	45	He	5.049	ug/l	0.3	20000	
Zn	66	45	He	105.321	ug/l	4.2	20000	
As	75	45	He	0.091	ug/l	55.2	5000	
Se	78	45	H2	0.113	ug/l	24.5	2000	
Sr	88	115	He	83.722	ug/l	1.4	5000	
Mo	95	115	He	0.191	ug/l	15.4	2000	
Ag	107	115	He	0.001	ug/l	137.8	100	
Cd	111	115	He	0.022	ug/l	86.6	5000	
Sn	118	115	He	-0.044	ug/l	N/A	200	
Sb	121	45	He	0.146	ug/l	15.0	200	
Ba	137	159	He	34.284	ug/l	8.5	20000	
Tl	205	209	He	-0.009	ug/l	N/A	1000	
[Pb]	206	209	He	0.075	ug/l	24.4		
[Pb]	207	209	He	0.081	ug/l	39.1		
Pb	208	209	He	0.080	ug/l	24.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3297348.11	1.8	85.6	60	125	
Sc (ISICPMS)	45	No Gas	4283194.08	1.7	86.7	60	125	
Sc (ISICPMS)	45	H2	1775522.02	0.8	86.6	60	125	
Sc (ISICPMS)	45	He	48478.24	0.8	82.1	60	125	
Ge (IS)	74	H2	348437.17	1.1	91.5	60	125	
Ge (IS)	74	He	28896.74	2.2	90.6	60	125	
Kr	83	He	16.68	91.7	41.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	86675.24	0.9	87.7	60	125	
Tb (IS)	159	He	529309.00	1.6	90.9	60	125	
Bi (IS)	209	He	466055.50	0.9	95.0	60	125	

Sample Report

File Name 089SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 12:44:37

Sample Name **460-255336-A-2-A**

Comment ---

Dilution **1.0000**

Vial # 3301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.019	ug/l	67.9	2000	
B	11	6	No Gas	17.977	ug/l	4.4	500	
Na	23	45	He	30403.409	ug/l	0.6	500000	
Mg	24	45	He	4800.026	ug/l	0.5	500000	
Al	27	45	He	16.758	ug/l	8.1	200000	
K	39	45	He	1511.043	ug/l	1.2	500000	
Ca	40	45	H2	27643.157	ug/l	2.9	500000	
Ti	47	45	He	0.051	ug/l	236.3	5000	
V	51	45	He	-0.299	ug/l	N/A	5000	
Cr	52	45	He	0.563	ug/l	42.4	20000	
Mn	55	45	He	1.265	ug/l	13.6	10000	
Fe	56	45	H2	43.590	ug/l	2.5	500000	
Co	59	45	He	0.039	ug/l	27.3	2000	
Ni	60	45	He	3.617	ug/l	4.6	20000	
Cu	63	45	He	4.080	ug/l	2.0	20000	
Zn	66	45	He	118.310	ug/l	3.0	20000	
As	75	45	He	0.474	ug/l	53.1	5000	
Se	78	45	H2	0.115	ug/l	102.8	2000	
Sr	88	115	He	76.807	ug/l	3.0	5000	
Mo	95	115	He	0.265	ug/l	9.7	2000	
Ag	107	115	He	0.011	ug/l	33.3	100	
Cd	111	115	He	0.011	ug/l	173.2	5000	
Sn	118	115	He	-0.095	ug/l	N/A	200	
Sb	121	45	He	0.053	ug/l	17.1	200	
Ba	137	159	He	30.882	ug/l	4.4	20000	
Tl	205	209	He	-0.005	ug/l	N/A	1000	
[Pb]	206	209	He	0.290	ug/l	10.3		
[Pb]	207	209	He	0.255	ug/l	12.7		
Pb	208	209	He	0.264	ug/l	3.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3284629.78	2.0	85.2	60	125	
Sc (ISICPMS)	45	No Gas	4271491.81	0.6	86.5	60	125	
Sc (ISICPMS)	45	H2	1753935.79	2.6	85.6	60	125	
Sc (ISICPMS)	45	He	48296.49	0.4	81.8	60	125	
Ge (IS)	74	H2	342820.35	2.0	90.0	60	125	
Ge (IS)	74	He	28207.89	1.0	88.4	60	125	
Kr	83	He	13.35	43.3	33.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	85721.59	0.6	86.7	60	125	
Tb (IS)	159	He	518509.94	0.5	89.0	60	125	
Bi (IS)	209	He	457727.91	0.1	93.3	60	125	

Sample Report

File Name 090SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 12:46:56

Sample Name **460-255336-A-3-A**

Comment ---

Dilution **1.0000**

Vial # 3302

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.019	ug/l	9.0	2000	
B	11	6	No Gas	17.401	ug/l	0.9	500	
Na	23	45	He	29376.020	ug/l	1.7	500000	
Mg	24	45	He	5216.297	ug/l	1.2	500000	
Al	27	45	He	8.674	ug/l	27.8	200000	
K	39	45	He	1471.673	ug/l	0.9	500000	
Ca	40	45	H2	27296.771	ug/l	3.3	500000	
Ti	47	45	He	-0.019	ug/l	N/A	5000	
V	51	45	He	-0.471	ug/l	N/A	5000	
Cr	52	45	He	0.481	ug/l	37.1	20000	
Mn	55	45	He	0.632	ug/l	22.5	10000	
Fe	56	45	H2	7.488	ug/l	7.4	500000	
Co	59	45	He	0.015	ug/l	91.0	2000	
Ni	60	45	He	3.115	ug/l	9.6	20000	
Cu	63	45	He	17.974	ug/l	1.4	20000	
Zn	66	45	He	88.282	ug/l	5.7	20000	
As	75	45	He	0.188	ug/l	152.7	5000	
Se	78	45	H2	0.050	ug/l	200.0	2000	
Sr	88	115	He	80.367	ug/l	2.2	5000	
Mo	95	115	He	0.150	ug/l	6.3	2000	
Ag	107	115	He	-0.001	ug/l	N/A	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	0.013	ug/l	932.9	200	
Sb	121	45	He	0.078	ug/l	48.4	200	
Ba	137	159	He	35.369	ug/l	2.9	20000	
Tl	205	209	He	-0.012	ug/l	N/A	1000	
[Pb]	206	209	He	0.042	ug/l	35.2		
[Pb]	207	209	He	0.014	ug/l	280.5		
Pb	208	209	He	0.035	ug/l	47.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3227397.42	1.8	83.8	60	125	
Sc (ISICPMS)	45	No Gas	4229835.37	0.4	85.6	60	125	
Sc (ISICPMS)	45	H2	1753562.86	1.8	85.6	60	125	
Sc (ISICPMS)	45	He	48162.71	0.5	81.6	60	125	
Ge (IS)	74	H2	337285.71	0.9	88.5	60	125	
Ge (IS)	74	He	28615.97	4.5	89.7	60	125	
Kr	83	He	16.68	69.3	41.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	84748.42	1.0	85.8	60	125	
Tb (IS)	159	He	526757.06	1.1	90.4	60	125	
Bi (IS)	209	He	459773.93	2.1	93.7	60	125	

Sample Report

File Name 091SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 12:49:15

Sample Name **460-255336-A-4-A**

Comment ---

Dilution **1.0000**

Vial # 3303

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.004	ug/l	335.1	2000	
B	11	6	No Gas	17.575	ug/l	1.8	500	
Na	23	45	He	26377.299	ug/l	3.6	500000	
Mg	24	45	He	4856.626	ug/l	1.8	500000	
Al	27	45	He	21.902	ug/l	100.4	200000	
K	39	45	He	1505.791	ug/l	0.6	500000	
Ca	40	45	H2	26879.130	ug/l	2.1	500000	
Ti	47	45	He	0.125	ug/l	101.7	5000	
V	51	45	He	-0.354	ug/l	N/A	5000	
Cr	52	45	He	0.478	ug/l	59.8	20000	
Mn	55	45	He	0.952	ug/l	10.3	10000	
Fe	56	45	H2	24.025	ug/l	5.6	500000	
Co	59	45	He	0.042	ug/l	49.1	2000	
Ni	60	45	He	3.172	ug/l	6.9	20000	
Cu	63	45	He	19.338	ug/l	1.5	20000	
Zn	66	45	He	104.590	ug/l	2.5	20000	
As	75	45	He	0.076	ug/l	144.2	5000	
Se	78	45	H2	0.070	ug/l	203.0	2000	
Sr	88	115	He	76.068	ug/l	2.6	5000	
Mo	95	115	He	0.203	ug/l	20.4	2000	
Ag	107	115	He	-0.002	ug/l	N/A	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	-0.019	ug/l	N/A	200	
Sb	121	45	He	0.051	ug/l	98.9	200	
Ba	137	159	He	30.853	ug/l	2.8	20000	
Tl	205	209	He	-0.013	ug/l	N/A	1000	
[Pb]	206	209	He	0.170	ug/l	19.4		
[Pb]	207	209	He	0.208	ug/l	9.5		
Pb	208	209	He	0.182	ug/l	18.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3268519.19	2.5	84.8	60	125	
Sc (ISICPMS)	45	No Gas	4277660.42	3.4	86.6	60	125	
Sc (ISICPMS)	45	H2	1723966.02	2.5	84.1	60	125	
Sc (ISICPMS)	45	He	48125.95	1.4	81.5	60	125	
Ge (IS)	74	H2	339925.67	0.5	89.2	60	125	
Ge (IS)	74	He	28000.63	4.9	87.8	60	125	
Kr	83	He	20.02	50.0	50.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	85573.80	1.5	86.6	60	125	
Tb (IS)	159	He	524529.71	0.8	90.0	60	125	
Bi (IS)	209	He	457194.97	0.2	93.1	60	125	

Sample Report

File Name 092SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 12:51:32

Sample Name **460-255601-K-7-B**

Comment ---

Dilution **1.0000**

Vial # 2502

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	5.301	ug/l	1.7	2000	
B	11	6	No Gas	43.794	ug/l	0.9	500	
Na	23	45	He	2495.477	ug/l	1.9	500000	
Mg	24	45	He	58539.452	ug/l	2.1	500000	
Al	27	45	He	97201.895	ug/l	1.4	200000	
K	39	45	He	32644.164	ug/l	1.0	500000	
Ca	40	45	H2	232856.309	ug/l	1.5	500000	
Ti	47	45	He	6536.090	ug/l	0.6	5000	>LDR 6020B□>LDR 200.8
V	51	45	He	245.009	ug/l	0.1	5000	
Cr	52	45	He	203.563	ug/l	0.6	20000	
Mn	55	45	He	3054.971	ug/l	0.4	10000	
Fe	56	45	H2	217506.616	ug/l	1.2	500000	
Co	59	45	He	90.468	ug/l	1.1	2000	
Ni	60	45	He	181.073	ug/l	0.7	20000	
Cu	63	45	He	939.446	ug/l	1.0	20000	
Zn	66	45	He	1702.366	ug/l	1.7	20000	
As	75	45	He	63.814	ug/l	4.0	5000	
Se	78	45	H2	4.428	ug/l	9.7	2000	
Sr	88	115	He	840.733	ug/l	1.3	5000	
Mo	95	115	He	16.010	ug/l	2.3	2000	
Ag	107	115	He	3.511	ug/l	1.9	100	
Cd	111	115	He	2.852	ug/l	15.8	5000	
Sn	118	115	He	226.134	ug/l	2.6	200	>LDR 6020B
Sb	121	45	He	18.927	ug/l	1.5	200	
Ba	137	159	He	1070.264	ug/l	0.8	20000	
Tl	205	209	He	2.594	ug/l	1.7	1000	
[Pb]	206	209	He	2597.477	ug/l	1.0		
[Pb]	207	209	He	2441.345	ug/l	2.0		
Pb	208	209	He	2494.952	ug/l	1.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3177662.04	1.0	82.5	60	125	
Sc (ISICPMS)	45	No Gas	4207854.37	2.9	85.2	60	125	
Sc (ISICPMS)	45	H2	1707055.62	1.8	83.3	60	125	
Sc (ISICPMS)	45	He	48367.85	0.3	82.0	60	125	
Ge (IS)	74	H2	335360.19	1.1	88.0	60	125	
Ge (IS)	74	He	27930.49	1.9	87.6	60	125	
Kr	83	He	30.03	0.0	75.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	82739.75	1.1	83.7	60	125	
Tb (IS)	159	He	524618.15	0.7	90.0	60	125	
Bi (IS)	209	He	447329.24	0.5	91.1	60	125	

Sample Report

File Name 093SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 12:53:49

Sample Name **460-255601-J-8-B**

Comment ---

Dilution **1.0000**

Vial # 2503

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	5.658	ug/l	2.3	2000	
B	11	6	No Gas	47.797	ug/l	2.5	500	
Na	23	45	He	3561.271	ug/l	1.9	500000	
Mg	24	45	He	53551.512	ug/l	3.4	500000	
Al	27	45	He	90212.801	ug/l	2.3	200000	
K	39	45	He	13888.306	ug/l	0.6	500000	
Ca	40	45	H2	200903.238	ug/l	2.9	500000	
Ti	47	45	He	3088.320	ug/l	1.6	5000	
V	51	45	He	260.288	ug/l	3.6	5000	
Cr	52	45	He	224.139	ug/l	2.3	20000	
Mn	55	45	He	2773.342	ug/l	1.7	10000	
Fe	56	45	H2	199645.060	ug/l	0.6	500000	
Co	59	45	He	79.299	ug/l	1.0	2000	
Ni	60	45	He	147.913	ug/l	3.5	20000	
Cu	63	45	He	1013.265	ug/l	1.4	20000	
Zn	66	45	He	2596.867	ug/l	0.7	20000	
As	75	45	He	76.481	ug/l	2.7	5000	
Se	78	45	H2	5.448	ug/l	7.4	2000	
Sr	88	115	He	530.923	ug/l	2.5	5000	
Mo	95	115	He	15.024	ug/l	4.0	2000	
Ag	107	115	He	5.463	ug/l	2.2	100	
Cd	111	115	He	4.396	ug/l	8.9	5000	
Sn	118	115	He	1294.586	ug/l	2.6	200	>LDR 6020B□>LDR 200.8
Sb	121	45	He	17.892	ug/l	2.3	200	
Ba	137	159	He	1479.487	ug/l	0.7	20000	
Tl	205	209	He	1.578	ug/l	3.4	1000	
[Pb]	206	209	He	5528.636	ug/l	1.2		
[Pb]	207	209	He	5292.924	ug/l	0.8		
Pb	208	209	He	5312.494	ug/l	1.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3274479.60	1.3	85.0	60	125	
Sc (ISICPMS)	45	No Gas	4424176.05	0.4	89.5	60	125	
Sc (ISICPMS)	45	H2	1753570.01	1.2	85.6	60	125	
Sc (ISICPMS)	45	He	49979.23	1.8	84.7	60	125	
Ge (IS)	74	H2	338395.68	1.8	88.8	60	125	
Ge (IS)	74	He	29167.74	1.6	91.4	60	125	
Kr	83	He	70.07	28.6	175.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	83489.23	1.4	84.5	60	125	
Tb (IS)	159	He	534012.24	0.6	91.7	60	125	
Bi (IS)	209	He	458172.75	1.3	93.3	60	125	

Sample Report

File Name 094SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 12:56:05

Sample Name **460-255601-H-9-B**

Comment ---

Dilution **1.0000**

Vial # 2504

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	5.355	ug/l	4.7	2000	
B	11	6	No Gas	89.890	ug/l	3.7	500	
Na	23	45	He	2607.782	ug/l	1.1	500000	
Mg	24	45	He	36392.889	ug/l	1.0	500000	
Al	27	45	He	88424.348	ug/l	1.2	200000	
K	39	45	He	15769.410	ug/l	1.8	500000	
Ca	40	45	H2	165817.889	ug/l	1.9	500000	
Ti	47	45	He	3163.878	ug/l	1.4	5000	
V	51	45	He	233.348	ug/l	0.7	5000	
Cr	52	45	He	191.674	ug/l	1.9	20000	
Mn	55	45	He	3189.029	ug/l	0.5	10000	
Fe	56	45	H2	207422.257	ug/l	2.1	500000	
Co	59	45	He	87.624	ug/l	2.0	2000	
Ni	60	45	He	158.582	ug/l	0.6	20000	
Cu	63	45	He	487.659	ug/l	1.8	20000	
Zn	66	45	He	1300.905	ug/l	2.3	20000	
As	75	45	He	66.383	ug/l	2.5	5000	
Se	78	45	H2	3.557	ug/l	7.7	2000	
Sr	88	115	He	1123.919	ug/l	1.8	5000	
Mo	95	115	He	19.883	ug/l	1.6	2000	
Ag	107	115	He	2.771	ug/l	1.7	100	
Cd	111	115	He	1.698	ug/l	22.1	5000	
Sn	118	115	He	99.252	ug/l	1.5	200	
Sb	121	45	He	4.461	ug/l	2.1	200	
Ba	137	159	He	2454.319	ug/l	3.1	20000	
Tl	205	209	He	1.306	ug/l	2.6	1000	
[Pb]	206	209	He	2465.090	ug/l	2.4		
[Pb]	207	209	He	2285.489	ug/l	1.1		
Pb	208	209	He	2367.866	ug/l	0.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3379538.56	1.6	87.7	60	125	
Sc (ISICPMS)	45	No Gas	4530545.86	0.2	91.7	60	125	
Sc (ISICPMS)	45	H2	1828662.89	2.3	89.2	60	125	
Sc (ISICPMS)	45	He	51039.61	0.7	86.5	60	125	
Ge (IS)	74	H2	351763.79	1.3	92.4	60	125	
Ge (IS)	74	He	29354.89	0.7	92.0	60	125	
Kr	83	He	66.73	22.9	166.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	86208.03	1.6	87.2	60	125	
Tb (IS)	159	He	537567.77	1.1	92.3	60	125	
Bi (IS)	209	He	458225.11	0.4	93.4	60	125	

Continuing Calibration Verification (CCV)

File Name 095_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 12:58:22

Sample Name **CCV 9767647**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	98.927	ug/l	3.1	100	90	110	
B	11	6	No Gas	247.465	ug/l	3.3	250	225	275	
Na	23	45	He	26117.873	ug/l	1.5	25000	22500	27500	
Mg	24	45	He	25595.247	ug/l	0.6	25000	22500	27500	
Al	27	45	He	24956.037	ug/l	1.0	25000	22500	27500	
K	39	45	He	24814.704	ug/l	1.8	25000	22500	27500	
Ca	40	45	H2	24914.205	ug/l	1.9	25000	22500	27500	
Ti	47	45	He	103.206	ug/l	0.9	100	90	110	
V	51	45	He	98.229	ug/l	1.8	100	90	110	
Cr	52	45	He	100.781	ug/l	2.1	100	90	110	
Mn	55	45	He	101.764	ug/l	1.4	100	90	110	
Fe	56	45	H2	25343.263	ug/l	1.5	25000	22500	27500	
Co	59	45	He	99.630	ug/l	2.2	100	90	110	
Ni	60	45	He	101.206	ug/l	1.6	100	90	110	
Cu	63	45	He	101.609	ug/l	0.8	100	90	110	
Zn	66	45	He	261.211	ug/l	1.8	250	225	275	
As	75	45	He	101.874	ug/l	1.8	100	90	110	
Se	78	45	H2	103.152	ug/l	2.9	100	90	110	
Sr	88	115	He	96.779	ug/l	2.5	100	90	110	
Mo	95	115	He	99.775	ug/l	1.5	100	90	110	
Ag	107	115	He	49.636	ug/l	1.1	50	45	55	
Cd	111	115	He	98.674	ug/l	2.6	100	90	110	
Sn	118	115	He	99.468	ug/l	0.9	100	90	110	
Sb	121	45	He	105.257	ug/l	2.3	100	90	110	
Ba	137	159	He	96.726	ug/l	1.4	100	90	110	
Tl	205	209	He	97.938	ug/l	2.4	100	90	110	
[Pb]	206	209	He	98.333	ug/l	2.1				
[Pb]	207	209	He	99.021	ug/l	0.4				
Pb	208	209	He	98.584	ug/l	1.2	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3466695.05	1.4	90.0	60	125	
Sc (ISICPMS)	45	No Gas	4504387.82	2.0	91.2	60	125	
Sc (ISICPMS)	45	H2	1829960.93	0.5	89.3	60	125	
Sc (ISICPMS)	45	He	51208.02	0.7	86.8	60	125	
Ge (IS)	74	H2	354601.80	0.1	93.1	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Ge (IS)	74	He	29772.82	1.1	93.3	60	125	
Kr	83	He	23.36	65.5	58.3			
In-1	115	He	88671.11	1.4	89.7	60	125	
Tb (IS)	159	He	542475.96	0.6	93.1	60	125	
Bi (IS)	209	He	468360.46	1.1	95.4	60	125	

Continuing Calibration Verification (CCV)

File Name 111_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 13:36:31

Sample Name **CCV 9767647**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	96.849	ug/l	3.5	100	90	110	
B	11	6	No Gas	246.710	ug/l	4.0	250	225	275	
Na	23	45	He	26520.863	ug/l	4.5	25000	22500	27500	
Mg	24	45	He	25979.138	ug/l	3.2	25000	22500	27500	
Al	27	45	He	25469.669	ug/l	3.4	25000	22500	27500	
K	39	45	He	25166.789	ug/l	2.0	25000	22500	27500	
Ca	40	45	H2	25001.459	ug/l	1.7	25000	22500	27500	
Ti	47	45	He	108.655	ug/l	4.3	100	90	110	
V	51	45	He	101.340	ug/l	3.6	100	90	110	
Cr	52	45	He	103.749	ug/l	3.0	100	90	110	
Mn	55	45	He	105.560	ug/l	2.1	100	90	110	
Fe	56	45	H2	25526.908	ug/l	1.7	25000	22500	27500	
Co	59	45	He	103.686	ug/l	2.2	100	90	110	
Ni	60	45	He	102.492	ug/l	1.5	100	90	110	
Cu	63	45	He	101.836	ug/l	1.4	100	90	110	
Zn	66	45	He	259.364	ug/l	2.6	250	225	275	
As	75	45	He	102.269	ug/l	3.1	100	90	110	
Se	78	45	H2	101.554	ug/l	3.2	100	90	110	
Sr	88	115	He	96.027	ug/l	1.1	100	90	110	
Mo	95	115	He	99.518	ug/l	1.1	100	90	110	
Ag	107	115	He	51.193	ug/l	1.6	50	45	55	
Cd	111	115	He	99.754	ug/l	0.5	100	90	110	
Sn	118	115	He	102.728	ug/l	4.3	100	90	110	
Sb	121	45	He	111.116	ug/l	3.2	100	90	110	failed
Ba	137	159	He	98.015	ug/l	1.4	100	90	110	
Tl	205	209	He	101.353	ug/l	0.8	100	90	110	
[Pb]	206	209	He	100.660	ug/l	1.1				
[Pb]	207	209	He	101.650	ug/l	1.2				
Pb	208	209	He	101.289	ug/l	0.9	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3199467.11	0.4	83.0	60	125	
Sc (ISICPMS)	45	No Gas	4019902.84	1.5	81.4	60	125	
Sc (ISICPMS)	45	H2	1613933.58	1.1	78.8	60	125	
Sc (ISICPMS)	45	He	44879.46	1.1	76.0	60	125	
Ge (IS)	74	H2	312293.05	1.2	82.0	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Ge (IS)	74	He	26562.92	2.0	83.3	60	125	
Kr	83	He	30.03	33.3	75.0			
In-1	115	He	79394.09	0.3	80.3	60	125	
Tb (IS)	159	He	501562.54	1.5	86.1	60	125	
Bi (IS)	209	He	439493.53	1.6	89.5	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 112_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 13:38:48

Sample Name **CCB**

Comment ---

Dilution 1.0000

Analyte Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.008	ug/l	126.6	0.8	-0.8	0.8	
B	11	6	No Gas	9.438	ug/l	3.4	40	-40	40	
Na	23	45	He	179.947	ug/l	3.6	500	-500	500	
Mg	24	45	He	2.710	ug/l	29.0	200	-200	200	
Al	27	45	He	1.919	ug/l	66.0	40	-40	40	
K	39	45	He	14.101	ug/l	58.7	200	-200	200	
Ca	40	45	H2	3.789	ug/l	4.3	500	-500	500	
Ti	47	45	He	0.067	ug/l	386.9	4	-4	4	
V	51	45	He	-0.277	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.155	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.173	ug/l	29.2	8	-8	8	
Fe	56	45	H2	1.011	ug/l	15.3	60	-60	60	
Co	59	45	He	-0.006	ug/l	N/A	4	-4	4	
Ni	60	45	He	0.246	ug/l	26.0	4	-4	4	
Cu	63	45	He	0.068	ug/l	111.4	4	-4	4	
Zn	66	45	He	-1.471	ug/l	N/A	16	-16	16	
As	75	45	He	-0.009	ug/l	N/A	2	-2	2	
Se	78	45	H2	-0.042	ug/l	N/A	2.5	-2.5	2.5	
Sr	88	115	He	-0.009	ug/l	N/A	4	-4	4	
Mo	95	115	He	0.006	ug/l	145.9	4	-4	4	
Ag	107	115	He	-0.002	ug/l	N/A	2	-2	2	
Cd	111	115	He	0.000	ug/l	N/A	2	-2	2	
Sn	118	115	He	0.018	ug/l	981.1	16	-16	16	
Sb	121	45	He	0.019	ug/l	173.6	2	-2	2	
Ba	137	159	He	0.709	ug/l	41.4	4	-4	4	
Tl	205	209	He	0.006	ug/l	66.2	0.8	-0.8	0.8	
[Pb]	206	209	He	0.081	ug/l	31.0				
[Pb]	207	209	He	0.071	ug/l	9.7				
Pb	208	209	He	0.069	ug/l	15.5	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3212339.57	0.8	83.4	60	125	
Sc (ISICPMS)	45	No Gas	4047397.49	0.7	81.9	60	125	
Sc (ISICPMS)	45	H2	1628742.77	1.7	79.5	60	125	
Sc (ISICPMS)	45	He	45315.29	2.0	76.8	60	125	
Ge (IS)	74	H2	305315.02	0.8	80.2	60	125	
Ge (IS)	74	He	25967.85	1.7	81.4	60	125	
Kr	83	He	33.37	96.4	83.3			
In-1	115	He	81217.57	0.5	82.2	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Tb (IS)	159	He	506430.41	0.9	86.9	60	125	
Bi (IS)	209	He	448754.70	0.9	91.4	60	125	

Sample Report

File Name 113SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 13:41:13

Sample Name **MB 460-838319/1-A**

Comment ---

Dilution **1.0000**

Vial # 4101

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.020	ug/l	37.8	2000	
B	11	6	No Gas	6.972	ug/l	1.8	500	
Na	23	45	He	163.371	ug/l	4.3	500000	
Mg	24	45	He	2.627	ug/l	31.8	500000	
Al	27	45	He	0.927	ug/l	44.0	200000	
K	39	45	He	13.427	ug/l	169.8	500000	
Ca	40	45	H2	2.485	ug/l	34.8	500000	
Ti	47	45	He	0.151	ug/l	90.0	5000	
V	51	45	He	-0.405	ug/l	N/A	5000	
Cr	52	45	He	-0.216	ug/l	N/A	20000	
Mn	55	45	He	0.100	ug/l	54.9	10000	
Fe	56	45	H2	0.140	ug/l	343.7	500000	
Co	59	45	He	0.000	ug/l	4359.7	2000	
Ni	60	45	He	0.341	ug/l	19.6	20000	
Cu	63	45	He	0.126	ug/l	63.6	20000	
Zn	66	45	He	-1.267	ug/l	N/A	20000	
As	75	45	He	0.097	ug/l	84.9	5000	
Se	78	45	H2	-0.078	ug/l	N/A	2000	
Sr	88	115	He	0.031	ug/l	57.1	5000	
Mo	95	115	He	0.015	ug/l	53.4	2000	
Ag	107	115	He	-0.002	ug/l	N/A	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	0.026	ug/l	870.9	200	
Sb	121	74	He	-0.028	ug/l	N/A	200	
Ba	137	159	He	0.475	ug/l	0.0	20000	
Tl	205	209	He	-0.009	ug/l	N/A	1000	
[Pb]	206	209	He	0.102	ug/l	10.5		
[Pb]	207	209	He	0.037	ug/l	103.6		
Pb	208	209	He	0.071	ug/l	10.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3220724.53	0.9	83.6	60	125	
Sc (ISICPMS)	45	No Gas	4060503.20	1.1	82.2	60	125	
Sc (ISICPMS)	45	H2	1641601.28	2.8	80.1	60	125	
Sc (ISICPMS)	45	He	44856.09	1.4	76.0	60	125	
Ge (IS)	74	H2	306455.01	0.6	80.5	60	125	
Ge (IS)	74	He	25416.44	2.2	79.7	60	125	
Kr	83	He	33.37	45.8	83.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	80619.44	0.8	81.6	60	125	
Tb (IS)	159	He	498240.15	0.9	85.5	60	125	
Bi (IS)	209	He	446717.76	1.3	91.0	60	125	

Sample Report

File Name 114SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 13:43:34

Sample Name **LCS 460-838319/2-A**

Comment ---

Dilution **1.0000**

Vial # 4102

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	24.759	ug/l	5.9	2000	
B	11	6	No Gas	487.379	ug/l	2.8	500	
Na	23	45	He	2740.214	ug/l	1.1	500000	
Mg	24	45	He	2571.222	ug/l	1.7	500000	
Al	27	45	He	2523.557	ug/l	2.7	200000	
K	39	45	He	2482.782	ug/l	2.4	500000	
Ca	40	45	H2	2532.747	ug/l	0.9	500000	
Ti	47	45	He	51.321	ug/l	5.7	5000	
V	51	45	He	51.065	ug/l	2.1	5000	
Cr	52	45	He	50.557	ug/l	1.6	20000	
Mn	55	45	He	258.694	ug/l	2.4	10000	
Fe	56	45	H2	2573.357	ug/l	1.5	500000	
Co	59	45	He	25.007	ug/l	4.4	2000	
Ni	60	45	He	53.270	ug/l	2.2	20000	
Cu	63	45	He	50.834	ug/l	1.5	20000	
Zn	66	45	He	258.673	ug/l	2.1	20000	
As	75	45	He	50.513	ug/l	3.9	5000	
Se	78	45	H2	50.462	ug/l	1.8	2000	
Sr	88	115	He	48.172	ug/l	3.6	5000	
Mo	95	115	He	50.830	ug/l	1.5	2000	
Ag	107	115	He	25.679	ug/l	1.5	100	
Cd	111	115	He	25.752	ug/l	1.7	5000	
Sn	118	115	He	50.408	ug/l	0.8	200	
Sb	121	74	He	29.256	ug/l	1.4	200	
Ba	137	159	He	52.289	ug/l	6.5	20000	
Tl	205	209	He	19.715	ug/l	0.7	1000	
[Pb]	206	209	He	25.190	ug/l	0.4		
[Pb]	207	209	He	25.413	ug/l	0.7		
Pb	208	209	He	25.330	ug/l	0.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3086693.22	1.2	80.1	60	125	
Sc (ISICPMS)	45	No Gas	4003315.13	1.7	81.0	60	125	
Sc (ISICPMS)	45	H2	1617913.76	1.8	79.0	60	125	
Sc (ISICPMS)	45	He	44883.86	1.5	76.1	60	125	
Ge (IS)	74	H2	305104.51	0.8	80.1	60	125	
Ge (IS)	74	He	25456.37	1.6	79.8	60	125	
Kr	83	He	30.03	33.3	75.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	78576.76	1.1	79.5	60	125	
Tb (IS)	159	He	498023.60	1.3	85.5	60	125	
Bi (IS)	209	He	444321.42	0.4	90.5	60	125	

Sample Report

File Name 115SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 13:45:53

Sample Name **460-255710-F-1-D**

Comment ---

Dilution **1.0000**

Vial # 3501

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.018	ug/l	27.2	2000	
B	11	6	No Gas	24.954	ug/l	2.7	500	
Na	23	45	He	97319.380	ug/l	1.2	500000	
Mg	24	45	He	8297.741	ug/l	0.4	500000	
Al	27	45	He	5.467	ug/l	35.4	200000	
K	39	45	He	2889.497	ug/l	1.2	500000	
Ca	40	45	H2	38102.280	ug/l	1.7	500000	
Ti	47	45	He	0.305	ug/l	114.4	5000	
V	51	45	He	-0.393	ug/l	N/A	5000	
Cr	52	45	He	0.019	ug/l	718.6	20000	
Mn	55	45	He	1.542	ug/l	20.6	10000	
Fe	56	45	H2	3.866	ug/l	13.1	500000	
Co	59	45	He	0.094	ug/l	32.9	2000	
Ni	60	45	He	1.388	ug/l	13.2	20000	
Cu	63	45	He	0.741	ug/l	19.1	20000	
Zn	66	45	He	16.937	ug/l	5.4	20000	
As	75	45	He	0.116	ug/l	47.1	5000	
Se	78	45	H2	0.195	ug/l	62.4	2000	
Sr	88	115	He	222.106	ug/l	0.8	5000	
Mo	95	115	He	0.153	ug/l	20.4	2000	
Ag	107	115	He	0.004	ug/l	55.3	100	
Cd	111	115	He	0.132	ug/l	79.1	5000	
Sn	118	115	He	-0.168	ug/l	N/A	200	
Sb	121	74	He	0.057	ug/l	58.7	200	
Ba	137	159	He	159.293	ug/l	2.3	20000	
Tl	205	209	He	0.001	ug/l	666.1	1000	
[Pb]	206	209	He	0.458	ug/l	1.7		
[Pb]	207	209	He	0.414	ug/l	3.3		
Pb	208	209	He	0.458	ug/l	2.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3100097.38	2.2	80.5	60	125	
Sc (ISICPMS)	45	No Gas	3919514.51	0.6	79.3	60	125	
Sc (ISICPMS)	45	H2	1591450.91	2.8	77.7	60	125	
Sc (ISICPMS)	45	He	44562.96	0.8	75.5	60	125	
Ge (IS)	74	H2	310727.58	0.8	81.6	60	125	
Ge (IS)	74	He	26352.42	1.8	82.6	60	125	
Kr	83	He	20.02	50.0	50.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	78449.45	0.5	79.4	60	125	
Tb (IS)	159	He	495837.50	0.3	85.1	60	125	
Bi (IS)	209	He	438990.98	0.9	89.4	60	125	

Sample Report

File Name 116SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 13:48:12

Sample Name **460-255712-F-1-A**

Comment ---

Dilution **1.0000**

Vial # 3502

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.191	ug/l	21.8	2000	
B	11	6	No Gas	87.734	ug/l	1.5	500	
Na	23	45	He	128924.299	ug/l	2.5	500000	
Mg	24	45	He	13855.531	ug/l	0.9	500000	
Al	27	45	He	756.983	ug/l	2.2	200000	
K	39	45	He	9822.632	ug/l	0.9	500000	
Ca	40	45	H2	118901.467	ug/l	1.4	500000	
Ti	47	45	He	10.003	ug/l	6.1	5000	
V	51	45	He	4.458	ug/l	7.1	5000	
Cr	52	45	He	3.893	ug/l	8.1	20000	
Mn	55	45	He	1675.655	ug/l	1.7	10000	
Fe	56	45	H2	43605.709	ug/l	2.5	500000	
Co	59	45	He	3.463	ug/l	7.3	2000	
Ni	60	45	He	3.220	ug/l	8.8	20000	
Cu	63	45	He	1.640	ug/l	11.0	20000	
Zn	66	45	He	16.967	ug/l	11.3	20000	
As	75	45	He	4.338	ug/l	21.4	5000	
Se	78	45	H2	0.448	ug/l	45.0	2000	
Sr	88	115	He	650.539	ug/l	1.5	5000	
Mo	95	115	He	0.684	ug/l	11.7	2000	
Ag	107	115	He	-0.002	ug/l	N/A	100	
Cd	111	115	He	0.108	ug/l	58.9	5000	
Sn	118	115	He	-0.088	ug/l	N/A	200	
Sb	121	74	He	0.617	ug/l	6.5	200	
Ba	137	159	He	60.456	ug/l	6.1	20000	
Tl	205	209	He	0.017	ug/l	44.1	1000	
[Pb]	206	209	He	4.449	ug/l	4.5		
[Pb]	207	209	He	4.425	ug/l	5.0		
Pb	208	209	He	4.483	ug/l	1.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3065908.95	1.1	79.6	60	125	
Sc (ISICPMS)	45	No Gas	3987455.88	1.4	80.7	60	125	
Sc (ISICPMS)	45	H2	1578119.04	1.5	77.0	60	125	
Sc (ISICPMS)	45	He	43879.66	0.9	74.4	60	125	
Ge (IS)	74	H2	310942.08	1.4	81.6	60	125	
Ge (IS)	74	He	25509.93	2.8	80.0	60	125	
Kr	83	He	26.69	57.3	66.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	78573.56	1.1	79.5	60	125	
Tb (IS)	159	He	494681.23	0.4	84.9	60	125	
Bi (IS)	209	He	432806.96	0.2	88.2	60	125	

Sample Report

File Name 117SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 13:50:29

Sample Name **460-255667-G-1-D**

Comment ---

Dilution **1.0000**

Vial # 2312

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	2.800	ug/l	1.7	2000	
B	11	6	No Gas	32.939	ug/l	0.8	500	
Na	23	45	He	3155.578	ug/l	0.6	500000	
Mg	24	45	He	16554.542	ug/l	0.3	500000	
Al	27	45	He	41707.626	ug/l	0.8	200000	
K	39	45	He	4139.536	ug/l	0.4	500000	
Ca	40	45	H2	41947.453	ug/l	2.8	500000	
Ti	47	45	He	1023.429	ug/l	1.0	5000	
V	51	45	He	125.094	ug/l	1.3	5000	
Cr	52	45	He	100.919	ug/l	0.5	20000	
Mn	55	45	He	950.310	ug/l	0.9	10000	
Fe	56	45	H2	75635.004	ug/l	3.0	500000	
Co	59	45	He	38.732	ug/l	1.4	2000	
Ni	60	45	He	76.893	ug/l	2.2	20000	
Cu	63	45	He	209.710	ug/l	0.9	20000	
Zn	66	45	He	539.645	ug/l	0.7	20000	
As	75	45	He	28.406	ug/l	2.5	5000	
Se	78	45	H2	6.349	ug/l	12.0	2000	
Sr	88	115	He	200.174	ug/l	3.0	5000	
Mo	95	115	He	3.039	ug/l	5.5	2000	
Ag	107	115	He	0.512	ug/l	7.5	100	
Cd	111	115	He	1.539	ug/l	11.6	5000	
Sn	118	115	He	23.915	ug/l	3.1	200	
Sb	121	74	He	1.794	ug/l	12.1	200	
Ba	137	159	He	711.116	ug/l	0.6	20000	
Tl	205	209	He	0.462	ug/l	4.9	1000	
[Pb]	206	209	He	438.213	ug/l	1.2		
[Pb]	207	209	He	413.998	ug/l	1.1		
Pb	208	209	He	428.942	ug/l	0.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3020794.09	1.4	78.4	60	125	
Sc (ISICPMS)	45	No Gas	3898729.76	1.0	78.9	60	125	
Sc (ISICPMS)	45	H2	1550544.63	2.9	75.7	60	125	
Sc (ISICPMS)	45	He	43576.33	0.7	73.8	60	125	
Ge (IS)	74	H2	310290.03	0.4	81.5	60	125	
Ge (IS)	74	He	26104.93	1.6	81.8	60	125	
Kr	83	He	30.03	33.3	75.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	77917.72	1.5	78.8	60	125	
Tb (IS)	159	He	498700.16	0.2	85.6	60	125	
Bi (IS)	209	He	437780.07	0.5	89.2	60	125	

Sample Report

File Name 118SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 13:52:47

Sample Name **pds 460-254625-B-1-A**

Comment ---

Dilution **1.0000**

Vial # 2403

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	28.890	ug/l	3.2	2000	
B	11	6	No Gas	545.753	ug/l	1.6	500	>LDR 6020B
Na	23	45	He	3716.366	ug/l	2.1	500000	
Mg	24	45	He	13221.271	ug/l	1.4	500000	
Al	27	45	He	32741.799	ug/l	1.1	200000	
K	39	45	He	6267.088	ug/l	0.5	500000	
Ca	40	45	H2	10057.902	ug/l	0.9	500000	
Ti	47	45	He	1526.804	ug/l	1.9	5000	
V	51	45	He	203.887	ug/l	2.1	5000	
Cr	52	45	He	157.369	ug/l	1.0	20000	
Mn	55	45	He	1236.112	ug/l	1.5	10000	
Fe	56	45	H2	129435.750	ug/l	2.1	500000	
Co	59	45	He	50.835	ug/l	1.0	2000	
Ni	60	45	He	120.772	ug/l	2.8	20000	
Cu	63	45	He	146.124	ug/l	1.9	20000	
Zn	66	45	He	3269.758	ug/l	1.3	20000	
As	75	45	He	68.663	ug/l	6.5	5000	
Se	78	45	H2	58.127	ug/l	2.8	2000	
Sr	88	115	He	86.477	ug/l	1.3	5000	
Mo	95	115	He	58.502	ug/l	1.9	2000	
Ag	107	115	He	25.210	ug/l	1.2	100	
Cd	111	115	He	34.269	ug/l	0.5	5000	
Sn	118	115	He	58.776	ug/l	3.0	200	
Sb	121	45	He	32.345	ug/l	3.1	200	
Ba	137	159	He	314.235	ug/l	2.3	20000	
Tl	205	209	He	22.170	ug/l	1.3	1000	
[Pb]	206	209	He	63.396	ug/l	1.4		
[Pb]	207	209	He	62.334	ug/l	1.8		
Pb	208	209	He	63.087	ug/l	0.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3021145.03	1.2	78.4	60	125	
Sc (ISICPMS)	45	No Gas	3921078.41	1.1	79.4	60	125	
Sc (ISICPMS)	45	H2	1628929.19	2.0	79.5	60	125	
Sc (ISICPMS)	45	He	45026.74	0.4	76.3	60	125	
Ge (IS)	74	H2	316513.67	2.1	83.1	60	125	
Ge (IS)	74	He	26960.94	1.5	84.5	60	125	
Kr	83	He	70.08	173.2	175.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	78559.45	0.8	79.5	60	125	
Tb (IS)	159	He	503038.84	0.6	86.3	60	125	
Bi (IS)	209	He	440009.65	1.0	89.6	60	125	

Sample Report

File Name 119SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 13:55:06

Sample Name **460-254625-B-1-C MS**

Comment ---

Dilution **1.0000**

Vial # 2404

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	48.989	ug/l	2.3	2000	
B	11	6	No Gas	916.870	ug/l	2.6	500	>LDR 6020B
Na	23	45	He	6150.234	ug/l	0.9	500000	
Mg	24	45	He	17264.593	ug/l	1.3	500000	
Al	27	45	He	42149.857	ug/l	0.3	200000	
K	39	45	He	8877.966	ug/l	0.4	500000	
Ca	40	45	H2	12352.773	ug/l	2.8	500000	
Ti	47	45	He	1724.440	ug/l	0.4	5000	
V	51	45	He	246.073	ug/l	0.8	5000	
Cr	52	45	He	206.519	ug/l	2.0	20000	
Mn	55	45	He	1450.920	ug/l	0.1	10000	
Fe	56	45	H2	126636.554	ug/l	3.7	500000	
Co	59	45	He	76.602	ug/l	1.9	2000	
Ni	60	45	He	170.758	ug/l	1.9	20000	
Cu	63	45	He	177.458	ug/l	1.0	20000	
Zn	66	45	He	3493.144	ug/l	1.0	20000	
As	75	45	He	104.762	ug/l	0.9	5000	
Se	78	45	H2	97.092	ug/l	2.6	2000	
Sr	88	115	He	134.792	ug/l	2.8	5000	
Mo	95	115	He	97.681	ug/l	1.0	2000	
Ag	107	115	He	48.527	ug/l	2.0	100	
Cd	111	115	He	51.872	ug/l	4.2	5000	
Sn	118	115	He	97.465	ug/l	1.8	200	
Sb	121	45	He	29.872	ug/l	0.7	200	
Ba	137	159	He	340.930	ug/l	3.5	20000	
Tl	205	209	He	38.522	ug/l	2.6	1000	
[Pb]	206	209	He	77.639	ug/l	1.3		
[Pb]	207	209	He	75.801	ug/l	1.6		
Pb	208	209	He	76.284	ug/l	0.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3143941.48	0.9	81.6	60	125	
Sc (ISICPMS)	45	No Gas	4128685.21	1.5	83.6	60	125	
Sc (ISICPMS)	45	H2	1651017.46	2.1	80.6	60	125	
Sc (ISICPMS)	45	He	45795.84	0.4	77.6	60	125	
Ge (IS)	74	H2	326836.28	1.0	85.8	60	125	
Ge (IS)	74	He	26957.53	1.9	84.5	60	125	
Kr	83	He	40.04	50.0	100.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	79481.32	1.4	80.4	60	125	
Tb (IS)	159	He	508549.48	1.7	87.3	60	125	
Bi (IS)	209	He	442233.73	1.4	90.1	60	125	

Sample Report

File Name 120SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 13:57:24

Sample Name **460-254625-B-1-B DU**

Comment ---

Dilution **1.0000**

Vial # 2405

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	1.939	ug/l	2.9	2000	
B	11	6	No Gas	30.946	ug/l	1.8	500	
Na	23	45	He	877.746	ug/l	2.1	500000	
Mg	24	45	He	11264.577	ug/l	1.1	500000	
Al	27	45	He	31395.125	ug/l	1.6	200000	
K	39	45	He	3825.298	ug/l	2.3	500000	
Ca	40	45	H2	6868.116	ug/l	2.0	500000	
Ti	47	45	He	1496.848	ug/l	3.0	5000	
V	51	45	He	142.587	ug/l	1.5	5000	
Cr	52	45	He	101.599	ug/l	2.9	20000	
Mn	55	45	He	934.857	ug/l	1.5	10000	
Fe	56	45	H2	122970.080	ug/l	2.5	500000	
Co	59	45	He	25.345	ug/l	0.2	2000	
Ni	60	45	He	69.385	ug/l	0.3	20000	
Cu	63	45	He	90.563	ug/l	0.9	20000	
Zn	66	45	He	2916.637	ug/l	1.2	20000	
As	75	45	He	13.141	ug/l	18.9	5000	
Se	78	45	H2	0.595	ug/l	40.7	2000	
Sr	88	115	He	31.497	ug/l	1.6	5000	
Mo	95	115	He	3.313	ug/l	5.0	2000	
Ag	107	115	He	0.070	ug/l	26.2	100	
Cd	111	115	He	5.705	ug/l	3.6	5000	
Sn	118	115	He	2.564	ug/l	14.9	200	
Sb	121	45	He	0.195	ug/l	23.6	200	
Ba	137	159	He	261.960	ug/l	1.4	20000	
Tl	205	209	He	0.350	ug/l	9.8	1000	
[Pb]	206	209	He	38.932	ug/l	1.1		
[Pb]	207	209	He	36.415	ug/l	0.4		
Pb	208	209	He	37.528	ug/l	0.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3141378.70	1.7	81.5	60	125	
Sc (ISICPMS)	45	No Gas	4101163.83	1.5	83.0	60	125	
Sc (ISICPMS)	45	H2	1661695.84	2.9	81.1	60	125	
Sc (ISICPMS)	45	He	46240.69	1.2	78.4	60	125	
Ge (IS)	74	H2	323217.19	1.1	84.9	60	125	
Ge (IS)	74	He	26793.74	1.1	84.0	60	125	
Kr	83	He	30.03	33.3	75.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	79933.36	0.7	80.9	60	125	
Tb (IS)	159	He	511828.12	1.5	87.9	60	125	
Bi (IS)	209	He	444896.53	1.1	90.6	60	125	

Sample Report

File Name 121SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 13:59:43

Sample Name **460-254625-B-1-A**

Comment ---

Dilution **1.0000**

Vial # 2406

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	1.981	ug/l	1.0	2000	
B	11	6	No Gas	22.091	ug/l	2.2	500	
Na	23	45	He	851.053	ug/l	0.7	500000	
Mg	24	45	He	10404.935	ug/l	0.2	500000	
Al	27	45	He	30148.321	ug/l	1.2	200000	
K	39	45	He	3649.430	ug/l	2.2	500000	
Ca	40	45	H2	7432.942	ug/l	1.4	500000	
Ti	47	45	He	1491.318	ug/l	1.1	5000	
V	51	45	He	148.862	ug/l	1.6	5000	
Cr	52	45	He	101.278	ug/l	1.0	20000	
Mn	55	45	He	962.040	ug/l	1.4	10000	
Fe	56	45	H2	129082.625	ug/l	0.6	500000	
Co	59	45	He	23.664	ug/l	4.2	2000	
Ni	60	45	He	64.084	ug/l	0.7	20000	
Cu	63	45	He	90.434	ug/l	1.2	20000	
Zn	66	45	He	2967.316	ug/l	1.1	20000	
As	75	45	He	12.510	ug/l	5.0	5000	
Se	78	45	H2	0.424	ug/l	62.5	2000	
Sr	88	115	He	31.057	ug/l	3.3	5000	
Mo	95	115	He	1.988	ug/l	16.0	2000	
Ag	107	115	He	0.042	ug/l	28.0	100	
Cd	111	115	He	5.174	ug/l	7.8	5000	
Sn	118	115	He	1.880	ug/l	10.8	200	
Sb	121	45	He	0.185	ug/l	25.9	200	
Ba	137	159	He	270.537	ug/l	2.9	20000	
Tl	205	209	He	0.388	ug/l	5.5	1000	
[Pb]	206	209	He	36.433	ug/l	1.5		
[Pb]	207	209	He	34.627	ug/l	2.9		
Pb	208	209	He	35.593	ug/l	1.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3103973.49	1.0	80.6	60	125	
Sc (ISICPMS)	45	No Gas	4080105.07	0.9	82.6	60	125	
Sc (ISICPMS)	45	H2	1657299.68	1.0	80.9	60	125	
Sc (ISICPMS)	45	He	46448.02	0.9	78.7	60	125	
Ge (IS)	74	H2	323920.68	0.6	85.0	60	125	
Ge (IS)	74	He	27362.14	2.0	85.8	60	125	
Kr	83	He	43.38	58.1	108.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	80537.81	0.4	81.5	60	125	
Tb (IS)	159	He	512952.53	0.6	88.0	60	125	
Bi (IS)	209	He	446265.37	0.3	90.9	60	125	

Sample Report

File Name 122SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 14:02:02

Sample Name **sd 460-254625-B-1-A**

Comment ---

Dilution **1.0000**

Vial # 2407

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.386	ug/l	8.5	2000	
B	11	6	No Gas	9.679	ug/l	2.1	500	
Na	23	45	He	245.406	ug/l	4.3	500000	
Mg	24	45	He	2148.280	ug/l	1.2	500000	
Al	27	45	He	6212.037	ug/l	0.8	200000	
K	39	45	He	751.551	ug/l	4.0	500000	
Ca	40	45	H2	1559.685	ug/l	3.0	500000	
Ti	47	45	He	300.476	ug/l	1.3	5000	
V	51	45	He	30.206	ug/l	2.7	5000	
Cr	52	45	He	20.611	ug/l	3.2	20000	
Mn	55	45	He	195.489	ug/l	0.7	10000	
Fe	56	45	H2	26209.668	ug/l	3.0	500000	
Co	59	45	He	4.677	ug/l	0.3	2000	
Ni	60	45	He	14.126	ug/l	3.6	20000	
Cu	63	45	He	18.506	ug/l	2.0	20000	
Zn	66	45	He	617.989	ug/l	0.8	20000	
As	75	45	He	1.934	ug/l	5.3	5000	
Se	78	45	H2	0.492	ug/l	185.4	2000	
Sr	88	115	He	6.458	ug/l	10.6	5000	
Mo	95	115	He	0.506	ug/l	2.0	2000	
Ag	107	115	He	0.020	ug/l	37.8	100	
Cd	111	115	He	1.008	ug/l	8.2	5000	
Sn	118	115	He	0.437	ug/l	14.5	200	
Sb	121	45	He	-0.020	ug/l	N/A	200	
Ba	137	159	He	54.523	ug/l	4.5	20000	
Tl	205	209	He	0.064	ug/l	8.4	1000	
[Pb]	206	209	He	7.269	ug/l	3.8		
[Pb]	207	209	He	6.799	ug/l	2.8		
Pb	208	209	He	7.065	ug/l	1.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3194362.77	0.4	82.9	60	125	
Sc (ISICPMS)	45	No Gas	4057495.87	2.2	82.1	60	125	
Sc (ISICPMS)	45	H2	1627896.48	1.7	79.4	60	125	
Sc (ISICPMS)	45	He	44499.30	0.1	75.4	60	125	
Ge (IS)	74	H2	310088.60	1.7	81.4	60	125	
Ge (IS)	74	He	25753.80	2.7	80.7	60	125	
Kr	83	He	46.71	44.6	116.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	79016.75	0.9	80.0	60	125	
Tb (IS)	159	He	500162.89	0.9	85.9	60	125	
Bi (IS)	209	He	445612.48	1.1	90.8	60	125	

Continuing Calibration Verification (CCV)

File Name 123_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 14:04:20

Sample Name **CCV 9767647**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	96.800	ug/l	0.6	100	90	110	
B	11	6	No Gas	243.277	ug/l	0.4	250	225	275	
Na	23	45	He	26556.654	ug/l	0.5	25000	22500	27500	
Mg	24	45	He	25738.504	ug/l	0.6	25000	22500	27500	
Al	27	45	He	25064.169	ug/l	0.4	25000	22500	27500	
K	39	45	He	24626.376	ug/l	0.7	25000	22500	27500	
Ca	40	45	H2	25490.725	ug/l	0.6	25000	22500	27500	
Ti	47	45	He	96.774	ug/l	5.7	100	90	110	
V	51	45	He	101.277	ug/l	0.6	100	90	110	
Cr	52	45	He	101.464	ug/l	0.5	100	90	110	
Mn	55	45	He	101.913	ug/l	1.3	100	90	110	
Fe	56	45	H2	26126.910	ug/l	0.9	25000	22500	27500	
Co	59	45	He	100.804	ug/l	0.8	100	90	110	
Ni	60	45	He	99.605	ug/l	1.8	100	90	110	
Cu	63	45	He	101.094	ug/l	1.5	100	90	110	
Zn	66	45	He	258.076	ug/l	1.7	250	225	275	
As	75	45	He	96.887	ug/l	1.0	100	90	110	
Se	78	45	H2	101.815	ug/l	0.8	100	90	110	
Sr	88	115	He	96.316	ug/l	1.9	100	90	110	
Mo	95	115	He	99.620	ug/l	1.7	100	90	110	
Ag	107	115	He	50.518	ug/l	1.1	50	45	55	
Cd	111	115	He	101.225	ug/l	1.8	100	90	110	
Sn	118	115	He	100.614	ug/l	1.9	100	90	110	
Sb	121	45	He	107.996	ug/l	1.7	100	90	110	
Ba	137	159	He	92.281	ug/l	2.0	100	90	110	
Tl	205	209	He	98.786	ug/l	0.4	100	90	110	
[Pb]	206	209	He	98.984	ug/l	1.0				
[Pb]	207	209	He	98.627	ug/l	1.2				
Pb	208	209	He	99.242	ug/l	1.0	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3121849.29	0.8	81.0	60	125	
Sc (ISICPMS)	45	No Gas	3970881.60	0.7	80.4	60	125	
Sc (ISICPMS)	45	H2	1588804.63	1.1	77.5	60	125	
Sc (ISICPMS)	45	He	44238.56	0.5	75.0	60	125	
Ge (IS)	74	H2	311559.64	0.6	81.8	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Ge (IS)	74	He	25178.90	0.4	78.9	60	125	
Kr	83	He	23.36	65.5	58.3			
In-1	115	He	78648.78	1.0	79.6	60	125	
Tb (IS)	159	He	496612.26	0.5	85.2	60	125	
Bi (IS)	209	He	435765.42	0.6	88.8	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 124_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 14:06:38

Sample Name **CCB**

Comment ---

Dilution 1.0000

Analyte Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.006	ug/l	42.8	0.8	-0.8	0.8	
B	11	6	No Gas	8.926	ug/l	2.2	40	-40	40	
Na	23	45	He	80.369	ug/l	11.5	500	-500	500	
Mg	24	45	He	2.295	ug/l	32.1	200	-200	200	
Al	27	45	He	1.164	ug/l	131.2	40	-40	40	
K	39	45	He	13.343	ug/l	106.4	200	-200	200	
Ca	40	45	H2	1.276	ug/l	73.6	500	-500	500	
Ti	47	45	He	-0.081	ug/l	N/A	4	-4	4	
V	51	45	He	-0.481	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.259	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.165	ug/l	92.0	8	-8	8	
Fe	56	45	H2	1.577	ug/l	94.1	60	-60	60	
Co	59	45	He	0.000	ug/l	4064.5	4	-4	4	
Ni	60	45	He	0.360	ug/l	57.2	4	-4	4	
Cu	63	45	He	0.047	ug/l	233.2	4	-4	4	
Zn	66	45	He	-1.657	ug/l	N/A	16	-16	16	
As	75	45	He	-0.059	ug/l	N/A	2	-2	2	
Se	78	45	H2	0.009	ug/l	811.8	2.5	-2.5	2.5	
Sr	88	115	He	-0.019	ug/l	N/A	4	-4	4	
Mo	95	115	He	0.015	ug/l	54.3	4	-4	4	
Ag	107	115	He	-0.004	ug/l	N/A	2	-2	2	
Cd	111	115	He	0.000	ug/l	N/A	2	-2	2	
Sn	118	115	He	0.121	ug/l	181.5	16	-16	16	
Sb	121	45	He	-0.021	ug/l	N/A	2	-2	2	
Ba	137	159	He	0.571	ug/l	29.0	4	-4	4	
Tl	205	209	He	0.006	ug/l	85.4	0.8	-0.8	0.8	
[Pb]	206	209	He	-0.033	ug/l	N/A				
[Pb]	207	209	He	-0.039	ug/l	N/A				
Pb	208	209	He	-0.032	ug/l	N/A	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3143058.91	1.4	81.6	60	125	
Sc (ISICPMS)	45	No Gas	3916246.45	3.3	79.3	60	125	
Sc (ISICPMS)	45	H2	1641629.96	3.2	80.1	60	125	
Sc (ISICPMS)	45	He	44955.30	0.9	76.2	60	125	
Ge (IS)	74	H2	306833.34	0.5	80.6	60	125	
Ge (IS)	74	He	25031.88	1.9	78.5	60	125	
Kr	83	He	20.02	86.6	50.0			
In-1	115	He	79791.05	0.2	80.7	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Tb (IS)	159	He	500261.95	1.2	85.9	60	125	
Bi (IS)	209	He	443089.18	1.2	90.3	60	125	

Sample Report

File Name 125SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 14:08:57

Sample Name **460-255601-H-10-C**

Comment ---

Dilution **1.0000**

Vial # 2505

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	5.218	ug/l	0.8	2000	
B	11	6	No Gas	47.237	ug/l	0.4	500	
Na	23	45	He	5938.049	ug/l	1.3	500000	
Mg	24	45	He	89657.017	ug/l	1.8	500000	
Al	27	45	He	111501.859	ug/l	1.0	200000	
K	39	45	He	44804.935	ug/l	1.7	500000	
Ca	40	45	H2	155824.371	ug/l	2.7	500000	
Ti	47	45	He	9843.502	ug/l	0.9	5000	>LDR 6020B□>LDR 200.8
V	51	45	He	473.198	ug/l	0.4	5000	
Cr	52	45	He	355.929	ug/l	0.4	20000	
Mn	55	45	He	3420.067	ug/l	0.7	10000	
Fe	56	45	H2	297237.362	ug/l	2.9	500000	
Co	59	45	He	111.176	ug/l	1.1	2000	
Ni	60	45	He	216.084	ug/l	3.1	20000	
Cu	63	45	He	1276.713	ug/l	0.1	20000	
Zn	66	45	He	2148.523	ug/l	1.3	20000	
As	75	45	He	103.066	ug/l	1.2	5000	
Se	78	45	H2	7.022	ug/l	7.0	2000	
Sr	88	115	He	380.116	ug/l	0.9	5000	
Mo	95	115	He	15.405	ug/l	6.8	2000	
Ag	107	115	He	3.402	ug/l	4.0	100	
Cd	111	115	He	5.373	ug/l	6.3	5000	
Sn	118	115	He	422.904	ug/l	0.3	200	>LDR 6020B
Sb	121	45	He	11.636	ug/l	3.8	200	
Ba	137	159	He	2411.078	ug/l	1.2	20000	
Tl	205	209	He	2.636	ug/l	1.7	1000	
[Pb]	206	209	He	3791.158	ug/l	1.4		
[Pb]	207	209	He	3740.612	ug/l	2.3		
Pb	208	209	He	3741.026	ug/l	2.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3114166.24	1.1	80.8	60	125	
Sc (ISICPMS)	45	No Gas	4123111.46	2.3	83.4	60	125	
Sc (ISICPMS)	45	H2	1687735.57	2.7	82.4	60	125	
Sc (ISICPMS)	45	He	47159.15	0.3	79.9	60	125	
Ge (IS)	74	H2	323710.13	1.4	85.0	60	125	
Ge (IS)	74	He	26566.24	0.8	83.3	60	125	
Kr	83	He	53.39	21.7	133.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	78276.52	0.8	79.2	60	125	
Tb (IS)	159	He	508744.99	1.3	87.3	60	125	
Bi (IS)	209	He	442282.97	0.6	90.1	60	125	

Sample Report

File Name 126SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 14:11:14

Sample Name **460-255680-E-1-D**

Comment ---

Dilution **1.0000**

Vial # 2506

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	6.858	ug/l	6.1	2000	
B	11	6	No Gas	40.486	ug/l	2.0	500	
Na	23	45	He	693.364	ug/l	1.6	500000	
Mg	24	45	He	33499.682	ug/l	1.4	500000	
Al	27	45	He	111027.499	ug/l	1.2	200000	
K	39	45	He	12163.356	ug/l	1.9	500000	
Ca	40	45	H2	10200.946	ug/l	0.3	500000	
Ti	47	45	He	3901.407	ug/l	1.9	5000	
V	51	45	He	351.121	ug/l	0.9	5000	
Cr	52	45	He	170.735	ug/l	2.5	20000	
Mn	55	45	He	4311.808	ug/l	1.2	10000	
Fe	56	45	H2	215946.885	ug/l	0.6	500000	
Co	59	45	He	80.284	ug/l	0.9	2000	
Ni	60	45	He	213.519	ug/l	1.7	20000	
Cu	63	45	He	428.967	ug/l	0.5	20000	
Zn	66	45	He	612.402	ug/l	0.5	20000	
As	75	45	He	59.476	ug/l	1.3	5000	
Se	78	45	H2	1.501	ug/l	8.5	2000	
Sr	88	115	He	87.792	ug/l	1.9	5000	
Mo	95	115	He	3.923	ug/l	8.4	2000	
Ag	107	115	He	0.324	ug/l	20.2	100	
Cd	111	115	He	0.913	ug/l	27.5	5000	
Sn	118	115	He	6.380	ug/l	3.1	200	
Sb	121	45	He	0.836	ug/l	4.0	200	
Ba	137	159	He	530.639	ug/l	1.8	20000	
Tl	205	209	He	1.134	ug/l	5.9	1000	
[Pb]	206	209	He	175.126	ug/l	1.6		
[Pb]	207	209	He	166.630	ug/l	0.2		
Pb	208	209	He	172.125	ug/l	0.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3169138.88	1.0	82.2	60	125	
Sc (ISICPMS)	45	No Gas	4225912.33	0.5	85.5	60	125	
Sc (ISICPMS)	45	H2	1749661.55	1.3	85.4	60	125	
Sc (ISICPMS)	45	He	50092.93	1.9	84.9	60	125	
Ge (IS)	74	H2	332869.29	1.2	87.4	60	125	
Ge (IS)	74	He	29040.52	2.0	91.0	60	125	
Kr	83	He	86.76	17.6	216.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	85135.63	1.5	86.2	60	125	
Tb (IS)	159	He	544962.95	1.3	93.5	60	125	
Bi (IS)	209	He	459601.06	1.1	93.6	60	125	

Sample Report

File Name 127SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 14:13:33

Sample Name **460-255680-F-2-B**

Comment ---

Dilution **1.0000**

Vial # 2507

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	5.656	ug/l	4.4	2000	
B	11	6	No Gas	32.953	ug/l	0.9	500	
Na	23	45	He	695.417	ug/l	2.9	500000	
Mg	24	45	He	30994.259	ug/l	0.7	500000	
Al	27	45	He	97068.407	ug/l	0.9	200000	
K	39	45	He	10117.206	ug/l	0.3	500000	
Ca	40	45	H2	16493.963	ug/l	2.6	500000	
Ti	47	45	He	2906.519	ug/l	1.1	5000	
V	51	45	He	250.246	ug/l	1.6	5000	
Cr	52	45	He	182.100	ug/l	2.2	20000	
Mn	55	45	He	4481.948	ug/l	1.1	10000	
Fe	56	45	H2	161522.005	ug/l	2.1	500000	
Co	59	45	He	78.454	ug/l	1.0	2000	
Ni	60	45	He	196.576	ug/l	0.4	20000	
Cu	63	45	He	259.813	ug/l	1.6	20000	
Zn	66	45	He	682.296	ug/l	0.9	20000	
As	75	45	He	46.086	ug/l	4.8	5000	
Se	78	45	H2	1.427	ug/l	5.6	2000	
Sr	88	115	He	94.714	ug/l	1.3	5000	
Mo	95	115	He	4.046	ug/l	4.3	2000	
Ag	107	115	He	0.247	ug/l	17.6	100	
Cd	111	115	He	1.280	ug/l	39.5	5000	
Sn	118	115	He	9.260	ug/l	4.2	200	
Sb	121	45	He	0.936	ug/l	14.0	200	
Ba	137	159	He	484.524	ug/l	1.6	20000	
Tl	205	209	He	1.038	ug/l	2.6	1000	
[Pb]	206	209	He	217.711	ug/l	1.1		
[Pb]	207	209	He	207.757	ug/l	0.6		
Pb	208	209	He	212.550	ug/l	0.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3332307.49	0.9	86.5	60	125	
Sc (ISICPMS)	45	No Gas	4391274.66	1.1	88.9	60	125	
Sc (ISICPMS)	45	H2	1799309.89	2.9	87.8	60	125	
Sc (ISICPMS)	45	He	50352.72	0.3	85.3	60	125	
Ge (IS)	74	H2	345400.17	1.2	90.7	60	125	
Ge (IS)	74	He	28930.10	1.7	90.7	60	125	
Kr	83	He	86.75	43.7	216.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	86395.57	0.8	87.4	60	125	
Tb (IS)	159	He	551504.58	1.2	94.7	60	125	
Bi (IS)	209	He	462324.06	1.1	94.2	60	125	

Sample Report

File Name 128SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 14:15:52

Sample Name **460-255682-B-2-C**

Comment ---

Dilution **1.0000**

Vial # 2508

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.205	ug/l	1.9	2000	
B	11	6	No Gas	32.583	ug/l	1.9	500	
Na	23	45	He	811.948	ug/l	0.9	500000	
Mg	24	45	He	20278.637	ug/l	0.6	500000	
Al	27	45	He	90870.971	ug/l	0.9	200000	
K	39	45	He	7710.615	ug/l	0.6	500000	
Ca	40	45	H2	40990.687	ug/l	0.8	500000	
Ti	47	45	He	2204.396	ug/l	1.6	5000	
V	51	45	He	220.753	ug/l	0.6	5000	
Cr	52	45	He	147.753	ug/l	0.6	20000	
Mn	55	45	He	2298.936	ug/l	0.2	10000	
Fe	56	45	H2	150117.698	ug/l	1.3	500000	
Co	59	45	He	35.796	ug/l	1.7	2000	
Ni	60	45	He	84.366	ug/l	0.8	20000	
Cu	63	45	He	125.853	ug/l	1.3	20000	
Zn	66	45	He	420.637	ug/l	1.0	20000	
As	75	45	He	67.144	ug/l	1.2	5000	
Se	78	45	H2	4.649	ug/l	10.4	2000	
Sr	88	115	He	130.948	ug/l	1.8	5000	
Mo	95	115	He	6.360	ug/l	1.8	2000	
Ag	107	115	He	0.525	ug/l	6.2	100	
Cd	111	115	He	1.435	ug/l	16.9	5000	
Sn	118	115	He	12.981	ug/l	2.1	200	
Sb	121	45	He	1.329	ug/l	16.4	200	
Ba	137	159	He	391.649	ug/l	2.9	20000	
Tl	205	209	He	0.879	ug/l	4.7	1000	
[Pb]	206	209	He	339.236	ug/l	0.8		
[Pb]	207	209	He	332.183	ug/l	2.1		
Pb	208	209	He	333.539	ug/l	1.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3335795.40	1.0	86.6	60	125	
Sc (ISICPMS)	45	No Gas	4433712.98	1.8	89.7	60	125	
Sc (ISICPMS)	45	H2	1756015.49	0.9	85.7	60	125	
Sc (ISICPMS)	45	He	49469.76	0.7	83.8	60	125	
Ge (IS)	74	H2	350477.51	0.6	92.0	60	125	
Ge (IS)	74	He	29609.04	2.1	92.8	60	125	
Kr	83	He	46.71	68.9	116.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	84821.79	0.2	85.8	60	125	
Tb (IS)	159	He	533760.11	0.3	91.6	60	125	
Bi (IS)	209	He	463863.49	0.7	94.5	60	125	

Sample Report

File Name 129SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 14:18:10

Sample Name **460-255682-A-4-C**

Comment ---

Dilution **1.0000**

Vial # 2509

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	2.696	ug/l	5.4	2000	
B	11	6	No Gas	26.172	ug/l	2.1	500	
Na	23	45	He	1834.731	ug/l	1.4	500000	
Mg	24	45	He	23003.239	ug/l	0.4	500000	
Al	27	45	He	107157.979	ug/l	1.0	200000	
K	39	45	He	5608.970	ug/l	0.7	500000	
Ca	40	45	H2	27216.366	ug/l	1.4	500000	
Ti	47	45	He	2055.632	ug/l	1.5	5000	
V	51	45	He	275.555	ug/l	1.4	5000	
Cr	52	45	He	130.537	ug/l	1.3	20000	
Mn	55	45	He	1253.055	ug/l	0.2	10000	
Fe	56	45	H2	145023.497	ug/l	2.0	500000	
Co	59	45	He	41.697	ug/l	3.1	2000	
Ni	60	45	He	86.488	ug/l	0.9	20000	
Cu	63	45	He	111.892	ug/l	1.8	20000	
Zn	66	45	He	361.342	ug/l	1.3	20000	
As	75	45	He	40.689	ug/l	3.5	5000	
Se	78	45	H2	5.149	ug/l	2.5	2000	
Sr	88	115	He	94.750	ug/l	4.1	5000	
Mo	95	115	He	5.392	ug/l	2.9	2000	
Ag	107	115	He	0.586	ug/l	2.5	100	
Cd	111	115	He	1.174	ug/l	14.2	5000	
Sn	118	115	He	8.207	ug/l	0.6	200	
Sb	121	45	He	1.292	ug/l	7.0	200	
Ba	137	159	He	268.933	ug/l	2.0	20000	
Tl	205	209	He	0.909	ug/l	5.6	1000	
[Pb]	206	209	He	227.679	ug/l	1.6		
[Pb]	207	209	He	218.893	ug/l	0.3		
Pb	208	209	He	222.143	ug/l	0.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3373190.05	2.0	87.5	60	125	
Sc (ISICPMS)	45	No Gas	4401700.56	1.0	89.1	60	125	
Sc (ISICPMS)	45	H2	1816758.15	2.6	88.7	60	125	
Sc (ISICPMS)	45	He	50974.98	0.6	86.4	60	125	
Ge (IS)	74	H2	356166.90	1.4	93.5	60	125	
Ge (IS)	74	He	29933.39	2.3	93.8	60	125	
Kr	83	He	53.39	10.8	133.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	86270.61	1.7	87.3	60	125	
Tb (IS)	159	He	539311.02	1.4	92.6	60	125	
Bi (IS)	209	He	467514.68	0.8	95.3	60	125	

Sample Report

File Name 130SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 14:20:29

Sample Name **460-255715-B-16-B**

Comment ---

Dilution **1.0000**

Vial # 2510

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.268	ug/l	6.8	2000	
B	11	6	No Gas	20.386	ug/l	5.0	500	
Na	23	45	He	1400.020	ug/l	1.8	500000	
Mg	24	45	He	64619.841	ug/l	3.2	500000	
Al	27	45	He	85488.109	ug/l	1.5	200000	
K	39	45	He	13253.354	ug/l	1.0	500000	
Ca	40	45	H2	64710.112	ug/l	0.5	500000	
Ti	47	45	He	5169.677	ug/l	1.8	5000	>LDR 6020B□>LDR 200.8
V	51	45	He	315.838	ug/l	2.5	5000	
Cr	52	45	He	187.349	ug/l	2.6	20000	
Mn	55	45	He	2800.350	ug/l	1.7	10000	
Fe	56	45	H2	152143.546	ug/l	0.5	500000	
Co	59	45	He	66.700	ug/l	1.1	2000	
Ni	60	45	He	144.842	ug/l	2.7	20000	
Cu	63	45	He	231.710	ug/l	1.8	20000	
Zn	66	45	He	728.757	ug/l	1.8	20000	
As	75	45	He	19.112	ug/l	5.2	5000	
Se	78	45	H2	1.119	ug/l	24.2	2000	
Sr	88	115	He	112.594	ug/l	0.6	5000	
Mo	95	115	He	4.547	ug/l	6.7	2000	
Ag	107	115	He	0.383	ug/l	2.8	100	
Cd	111	115	He	1.389	ug/l	11.9	5000	
Sn	118	115	He	34.942	ug/l	3.1	200	
Sb	121	45	He	0.950	ug/l	6.4	200	
Ba	137	159	He	539.926	ug/l	1.6	20000	
Tl	205	209	He	1.201	ug/l	2.8	1000	
[Pb]	206	209	He	1179.267	ug/l	1.4		
[Pb]	207	209	He	1116.352	ug/l	1.2		
Pb	208	209	He	1156.659	ug/l	0.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3344462.14	1.9	86.8	60	125	
Sc (ISICPMS)	45	No Gas	4449157.91	2.3	90.0	60	125	
Sc (ISICPMS)	45	H2	1832155.40	2.3	89.4	60	125	
Sc (ISICPMS)	45	He	51504.76	1.5	87.3	60	125	
Ge (IS)	74	H2	351100.57	1.7	92.2	60	125	
Ge (IS)	74	He	29615.80	1.2	92.8	60	125	
Kr	83	He	56.72	36.7	141.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	85644.92	0.3	86.7	60	125	
Tb (IS)	159	He	536544.98	1.2	92.1	60	125	
Bi (IS)	209	He	463392.85	0.6	94.4	60	125	

Sample Report

File Name 131SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 14:22:46

Sample Name **460-255715-A-17-C**

Comment ---

Dilution **1.0000**

Vial # 2511

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.256	ug/l	2.6	2000	
B	11	6	No Gas	23.932	ug/l	4.4	500	
Na	23	45	He	1082.425	ug/l	1.5	500000	
Mg	24	45	He	39889.959	ug/l	0.5	500000	
Al	27	45	He	74067.912	ug/l	0.5	200000	
K	39	45	He	8213.368	ug/l	1.0	500000	
Ca	40	45	H2	41098.793	ug/l	1.3	500000	
Ti	47	45	He	2947.955	ug/l	1.7	5000	
V	51	45	He	197.732	ug/l	0.9	5000	
Cr	52	45	He	165.216	ug/l	0.3	20000	
Mn	55	45	He	2955.201	ug/l	1.0	10000	
Fe	56	45	H2	129452.882	ug/l	1.5	500000	
Co	59	45	He	157.278	ug/l	1.4	2000	
Ni	60	45	He	133.355	ug/l	1.4	20000	
Cu	63	45	He	161.921	ug/l	0.6	20000	
Zn	66	45	He	932.456	ug/l	0.2	20000	
As	75	45	He	22.723	ug/l	4.5	5000	
Se	78	45	H2	2.284	ug/l	25.9	2000	
Sr	88	115	He	160.968	ug/l	1.1	5000	
Mo	95	115	He	4.129	ug/l	5.8	2000	
Ag	107	115	He	0.376	ug/l	5.6	100	
Cd	111	115	He	1.342	ug/l	6.1	5000	
Sn	118	115	He	17.740	ug/l	4.7	200	
Sb	121	45	He	0.913	ug/l	2.1	200	
Ba	137	159	He	491.897	ug/l	0.7	20000	
Tl	205	209	He	0.941	ug/l	0.4	1000	
[Pb]	206	209	He	795.313	ug/l	0.7		
[Pb]	207	209	He	779.898	ug/l	0.4		
Pb	208	209	He	792.460	ug/l	0.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3271938.11	1.1	84.9	60	125	
Sc (ISICPMS)	45	No Gas	4401647.06	1.8	89.1	60	125	
Sc (ISICPMS)	45	H2	1833575.37	1.0	89.5	60	125	
Sc (ISICPMS)	45	He	50881.22	0.2	86.2	60	125	
Ge (IS)	74	H2	353826.18	1.4	92.9	60	125	
Ge (IS)	74	He	28495.58	1.6	89.3	60	125	
Kr	83	He	33.37	17.3	83.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	86539.88	0.6	87.6	60	125	
Tb (IS)	159	He	539847.70	1.3	92.7	60	125	
Bi (IS)	209	He	462185.39	0.7	94.2	60	125	

Sample Report

File Name 132SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 14:25:04

Sample Name **460-255715-D-18-B**

Comment ---

Dilution **1.0000**

Vial # 2512

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.361	ug/l	7.5	2000	
B	11	6	No Gas	21.572	ug/l	3.5	500	
Na	23	45	He	1934.451	ug/l	1.1	500000	
Mg	24	45	He	29689.317	ug/l	1.2	500000	
Al	27	45	He	69170.439	ug/l	0.9	200000	
K	39	45	He	8635.414	ug/l	1.2	500000	
Ca	40	45	H2	50492.953	ug/l	1.3	500000	
Ti	47	45	He	2904.176	ug/l	1.7	5000	
V	51	45	He	193.348	ug/l	1.0	5000	
Cr	52	45	He	134.183	ug/l	1.7	20000	
Mn	55	45	He	3592.232	ug/l	1.0	10000	
Fe	56	45	H2	127653.882	ug/l	0.2	500000	
Co	59	45	He	89.410	ug/l	1.4	2000	
Ni	60	45	He	137.625	ug/l	0.5	20000	
Cu	63	45	He	188.354	ug/l	0.3	20000	
Zn	66	45	He	530.793	ug/l	0.8	20000	
As	75	45	He	18.795	ug/l	0.7	5000	
Se	78	45	H2	2.517	ug/l	36.7	2000	
Sr	88	115	He	263.063	ug/l	0.7	5000	
Mo	95	115	He	4.235	ug/l	5.1	2000	
Ag	107	115	He	0.281	ug/l	5.9	100	
Cd	111	115	He	1.585	ug/l	5.9	5000	
Sn	118	115	He	43.770	ug/l	1.5	200	
Sb	121	45	He	0.572	ug/l	16.3	200	
Ba	137	159	He	494.150	ug/l	1.2	20000	
Tl	205	209	He	0.917	ug/l	7.8	1000	
[Pb]	206	209	He	604.704	ug/l	0.7		
[Pb]	207	209	He	598.749	ug/l	1.1		
Pb	208	209	He	604.287	ug/l	1.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3389874.78	3.2	88.0	60	125	
Sc (ISICPMS)	45	No Gas	4432195.94	2.6	89.7	60	125	
Sc (ISICPMS)	45	H2	1788143.86	1.7	87.3	60	125	
Sc (ISICPMS)	45	He	51176.85	0.6	86.7	60	125	
Ge (IS)	74	H2	348324.82	1.3	91.4	60	125	
Ge (IS)	74	He	29147.36	2.2	91.4	60	125	
Kr	83	He	63.40	18.2	158.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	86905.23	0.7	87.9	60	125	
Tb (IS)	159	He	538278.65	0.5	92.4	60	125	
Bi (IS)	209	He	465786.34	0.4	94.9	60	125	

Sample Report

File Name 133SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 14:27:23

Sample Name **460-255746-G-1-B**

Comment ---

Dilution **1.0000**

Vial # 2311

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.018	ug/l	3.5	2000	
B	11	6	No Gas	22.676	ug/l	2.5	500	
Na	23	45	He	3093.035	ug/l	1.9	500000	
Mg	24	45	He	64565.878	ug/l	1.6	500000	
Al	27	45	He	51624.870	ug/l	0.7	200000	
K	39	45	He	16779.365	ug/l	0.1	500000	
Ca	40	45	H2	100455.800	ug/l	1.6	500000	
Ti	47	45	He	4093.002	ug/l	0.1	5000	
V	51	45	He	175.625	ug/l	1.8	5000	
Cr	52	45	He	119.550	ug/l	2.8	20000	
Mn	55	45	He	2707.220	ug/l	2.0	10000	
Fe	56	45	H2	116879.325	ug/l	2.7	500000	
Co	59	45	He	60.925	ug/l	1.2	2000	
Ni	60	45	He	137.537	ug/l	0.9	20000	
Cu	63	45	He	122.467	ug/l	1.7	20000	
Zn	66	45	He	360.133	ug/l	0.2	20000	
As	75	45	He	13.669	ug/l	1.2	5000	
Se	78	45	H2	0.725	ug/l	60.0	2000	
Sr	88	115	He	173.333	ug/l	2.7	5000	
Mo	95	115	He	2.069	ug/l	4.0	2000	
Ag	107	115	He	0.127	ug/l	13.4	100	
Cd	111	115	He	0.560	ug/l	20.2	5000	
Sn	118	115	He	3.178	ug/l	10.4	200	
Sb	121	45	He	0.218	ug/l	55.4	200	
Ba	137	159	He	505.405	ug/l	1.9	20000	
Tl	205	209	He	1.077	ug/l	5.0	1000	
[Pb]	206	209	He	38.910	ug/l	1.4		
[Pb]	207	209	He	36.642	ug/l	2.0		
Pb	208	209	He	37.969	ug/l	1.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3224207.17	1.9	83.7	60	125	
Sc (ISICPMS)	45	No Gas	4212118.27	2.6	85.2	60	125	
Sc (ISICPMS)	45	H2	1696764.49	2.1	82.8	60	125	
Sc (ISICPMS)	45	He	46857.12	0.8	79.4	60	125	
Ge (IS)	74	H2	332980.79	0.5	87.4	60	125	
Ge (IS)	74	He	27164.77	2.1	85.2	60	125	
Kr	83	He	46.71	12.4	116.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	82004.85	0.5	83.0	60	125	
Tb (IS)	159	He	518965.89	0.8	89.1	60	125	
Bi (IS)	209	He	445212.63	0.8	90.7	60	125	

Continuing Calibration Verification (CCV)

File Name 136_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 14:34:17

Sample Name **CCV 9767647**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	99.391	ug/l	2.0	100	90	110	
B	11	6	No Gas	246.466	ug/l	2.5	250	225	275	
Na	23	45	He	26667.449	ug/l	2.3	25000	22500	27500	
Mg	24	45	He	25716.317	ug/l	0.5	25000	22500	27500	
Al	27	45	He	25230.589	ug/l	1.2	25000	22500	27500	
K	39	45	He	24792.982	ug/l	0.1	25000	22500	27500	
Ca	40	45	H2	24924.540	ug/l	2.4	25000	22500	27500	
Ti	47	45	He	100.238	ug/l	1.4	100	90	110	
V	51	45	He	101.175	ug/l	3.4	100	90	110	
Cr	52	45	He	101.954	ug/l	0.8	100	90	110	
Mn	55	45	He	99.981	ug/l	1.3	100	90	110	
Fe	56	45	H2	25485.873	ug/l	2.6	25000	22500	27500	
Co	59	45	He	102.713	ug/l	0.6	100	90	110	
Ni	60	45	He	102.856	ug/l	1.6	100	90	110	
Cu	63	45	He	101.544	ug/l	1.1	100	90	110	
Zn	66	45	He	260.275	ug/l	0.4	250	225	275	
As	75	45	He	100.417	ug/l	1.7	100	90	110	
Se	78	45	H2	104.263	ug/l	6.0	100	90	110	
Sr	88	115	He	94.544	ug/l	0.3	100	90	110	
Mo	95	115	He	98.905	ug/l	0.9	100	90	110	
Ag	107	115	He	50.383	ug/l	0.5	50	45	55	
Cd	111	115	He	101.347	ug/l	1.9	100	90	110	
Sn	118	115	He	99.913	ug/l	2.9	100	90	110	
Sb	121	45	He	109.417	ug/l	1.7	100	90	110	
Ba	137	159	He	102.703	ug/l	7.5	100	90	110	
Tl	205	209	He	100.220	ug/l	0.9	100	90	110	
[Pb]	206	209	He	99.975	ug/l	0.4				
[Pb]	207	209	He	100.134	ug/l	0.2				
Pb	208	209	He	99.987	ug/l	0.6	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3297071.59	1.6	85.6	60	125	
Sc (ISICPMS)	45	No Gas	4240976.29	1.0	85.8	60	125	
Sc (ISICPMS)	45	H2	1733475.45	2.1	84.6	60	125	
Sc (ISICPMS)	45	He	47155.84	0.8	79.9	60	125	
Ge (IS)	74	H2	337378.25	0.8	88.6	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Ge (IS)	74	He	27040.93	1.6	84.8	60	125	
Kr	83	He	16.68	34.6	41.7			
In-1	115	He	83429.33	1.3	84.4	60	125	
Tb (IS)	159	He	515753.09	1.2	88.5	60	125	
Bi (IS)	209	He	448589.59	1.0	91.4	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 137_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 14:36:35

Sample Name **CCB**

Comment ---

Dilution 1.0000

Analyte Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.027	ug/l	87.5	0.8	-0.8	0.8	
B	11	6	No Gas	6.856	ug/l	4.9	40	-40	40	
Na	23	45	He	47.091	ug/l	17.7	500	-500	500	
Mg	24	45	He	3.364	ug/l	16.5	200	-200	200	
Al	27	45	He	2.584	ug/l	147.7	40	-40	40	
K	39	45	He	3.503	ug/l	542.6	200	-200	200	
Ca	40	45	H2	0.421	ug/l	108.4	500	-500	500	
Ti	47	45	He	0.204	ug/l	214.4	4	-4	4	
V	51	45	He	-0.214	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.220	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.116	ug/l	39.8	8	-8	8	
Fe	56	45	H2	1.784	ug/l	11.0	60	-60	60	
Co	59	45	He	0.005	ug/l	69.7	4	-4	4	
Ni	60	45	He	0.390	ug/l	14.9	4	-4	4	
Cu	63	45	He	0.097	ug/l	80.5	4	-4	4	
Zn	66	45	He	-2.086	ug/l	N/A	16	-16	16	
As	75	45	He	0.083	ug/l	125.6	2	-2	2	
Se	78	45	H2	0.022	ug/l	352.7	2.5	-2.5	2.5	
Sr	88	115	He	0.009	ug/l	4.9	4	-4	4	
Mo	95	115	He	0.042	ug/l	18.2	4	-4	4	
Ag	107	115	He	-0.005	ug/l	N/A	2	-2	2	
Cd	111	115	He	0.000	ug/l	N/A	2	-2	2	
Sn	118	115	He	-0.028	ug/l	N/A	16	-16	16	
Sb	121	45	He	0.008	ug/l	109.2	2	-2	2	
Ba	137	159	He	0.521	ug/l	15.2	4	-4	4	
Tl	205	209	He	0.010	ug/l	21.1	0.8	-0.8	0.8	
[Pb]	206	209	He	0.050	ug/l	64.8				
[Pb]	207	209	He	-0.022	ug/l	N/A				
Pb	208	209	He	0.015	ug/l	104.5	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3266323.36	2.3	84.8	60	125	
Sc (ISICPMS)	45	No Gas	4228739.27	2.8	85.6	60	125	
Sc (ISICPMS)	45	H2	1712642.21	0.4	83.6	60	125	
Sc (ISICPMS)	45	He	47028.77	0.8	79.7	60	125	
Ge (IS)	74	H2	320898.60	2.0	84.2	60	125	
Ge (IS)	74	He	26726.81	1.8	83.8	60	125	
Kr	83	He	33.37	34.6	83.3			
In-1	115	He	83084.53	0.8	84.1	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Tb (IS)	159	He	514236.70	1.5	88.3	60	125	
Bi (IS)	209	He	455722.62	1.4	92.8	60	125	

Sample Report

File Name 138SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 14:38:59

Sample Name **MB 460-838319/1-A**

Comment ---

Dilution **1.0000**

Vial # 4101

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.004	ug/l	248.8	2000	
B	11	6	No Gas	4.263	ug/l	2.9	500	
Na	23	45	He	49.084	ug/l	10.1	500000	
Mg	24	45	He	4.041	ug/l	45.4	500000	
Al	27	45	He	1.620	ug/l	156.4	200000	
K	39	45	He	0.485	ug/l	6866.4	500000	
Ca	40	45	H2	-0.596	ug/l	N/A	500000	
Ti	47	45	He	1.537	ug/l	150.6	5000	
V	51	45	He	-0.420	ug/l	N/A	5000	
Cr	52	45	He	-0.054	ug/l	N/A	20000	
Mn	55	45	He	0.052	ug/l	144.1	10000	
Fe	56	45	H2	0.408	ug/l	107.7	500000	
Co	59	45	He	0.017	ug/l	225.9	2000	
Ni	60	45	He	0.324	ug/l	68.4	20000	
Cu	63	45	He	0.024	ug/l	310.1	20000	
Zn	66	45	He	-1.807	ug/l	N/A	20000	
As	75	45	He	0.565	ug/l	158.7	5000	
Se	78	45	H2	1.488	ug/l	86.4	2000	
Sr	88	115	He	-0.020	ug/l	N/A	5000	
Mo	95	115	He	0.217	ug/l	159.5	2000	
Ag	107	115	He	0.002	ug/l	558.4	100	
Cd	111	115	He	0.724	ug/l	169.1	5000	
Sn	118	115	He	0.102	ug/l	157.7	200	
Sb	121	45	He	0.017	ug/l	430.2	200	
Ba	137	159	He	0.612	ug/l	38.7	20000	
Tl	205	209	He	0.003	ug/l	632.5	1000	
[Pb]	206	209	He	0.001	ug/l	3029.7		
[Pb]	207	209	He	-0.032	ug/l	N/A		
Pb	208	209	He	-0.016	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3246836.41	0.8	84.3	60	125	
Sc (ISICPMS)	45	No Gas	4185499.15	0.5	84.7	60	125	
Sc (ISICPMS)	45	H2	1689657.55	0.7	82.5	60	125	
Sc (ISICPMS)	45	He	47129.16	1.6	79.9	60	125	
Ge (IS)	74	H2	315832.63	0.5	82.9	60	125	
Ge (IS)	74	He	25954.53	1.0	81.4	60	125	
Kr	83	He	26.69	21.7	66.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	81848.83	0.5	82.8	60	125	
Tb (IS)	159	He	511632.02	1.0	87.8	60	125	
Bi (IS)	209	He	457523.29	1.1	93.2	60	125	

Sample Report

File Name 139SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 14:41:19

Sample Name **pds 460-255755-A-1-A**

Comment ---

Dilution **1.0000**

Vial # 4103

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	26.760	ug/l	4.2	2000	
B	11	6	No Gas	732.198	ug/l	3.2	500	>LDR 6020B
Na	23	45	He	257296.617	ug/l	2.2	500000	
Mg	24	45	He	20288.015	ug/l	0.6	500000	
Al	27	45	He	3054.059	ug/l	2.6	200000	
K	39	45	He	5371.329	ug/l	1.1	500000	
Ca	40	45	H2	106135.904	ug/l	1.5	500000	
Ti	47	45	He	59.473	ug/l	5.6	5000	
V	51	45	He	55.983	ug/l	2.8	5000	
Cr	52	45	He	55.057	ug/l	2.3	20000	
Mn	55	45	He	282.588	ug/l	1.2	10000	
Fe	56	45	H2	2933.589	ug/l	0.3	500000	
Co	59	45	He	28.469	ug/l	2.4	2000	
Ni	60	45	He	58.433	ug/l	1.1	20000	
Cu	63	45	He	54.971	ug/l	1.6	20000	
Zn	66	45	He	273.051	ug/l	4.2	20000	
As	75	45	He	54.612	ug/l	0.7	5000	
Se	78	45	H2	56.037	ug/l	1.1	2000	
Sr	88	115	He	474.361	ug/l	1.2	5000	
Mo	95	115	He	54.790	ug/l	1.2	2000	
Ag	107	115	He	24.093	ug/l	1.7	100	
Cd	111	115	He	26.454	ug/l	0.5	5000	
Sn	118	115	He	56.470	ug/l	2.3	200	
Sb	121	45	He	31.018	ug/l	1.0	200	
Ba	137	159	He	125.852	ug/l	3.9	20000	
Tl	205	209	He	21.600	ug/l	0.9	1000	
[Pb]	206	209	He	27.222	ug/l	0.8		
[Pb]	207	209	He	27.529	ug/l	1.1		
Pb	208	209	He	27.525	ug/l	0.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3038159.43	2.2	78.8	60	125	
Sc (ISICPMS)	45	No Gas	3968876.66	2.1	80.3	60	125	
Sc (ISICPMS)	45	H2	1632787.46	1.8	79.7	60	125	
Sc (ISICPMS)	45	He	44777.02	1.3	75.9	60	125	
Ge (IS)	74	H2	318535.67	1.6	83.6	60	125	
Ge (IS)	74	He	26679.97	1.8	83.6	60	125	
Kr	83	He	16.68	34.6	41.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	78850.94	0.9	79.8	60	125	
Tb (IS)	159	He	489904.88	0.9	84.1	60	125	
Bi (IS)	209	He	426999.07	0.6	87.0	60	125	

Sample Report

File Name 140SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 14:43:38

Sample Name **460-255755-A-1-C MS**

Comment ---

Dilution **1.0000**

Vial # 4104

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	26.494	ug/l	3.1	2000	
B	11	6	No Gas	724.316	ug/l	1.9	500	>LDR 6020B
Na	23	45	He	257216.054	ug/l	3.0	500000	
Mg	24	45	He	20274.697	ug/l	1.1	500000	
Al	27	45	He	2926.684	ug/l	1.2	200000	
K	39	45	He	5393.484	ug/l	1.0	500000	
Ca	40	45	H2	105593.444	ug/l	3.5	500000	
Ti	47	45	He	59.110	ug/l	5.3	5000	
V	51	45	He	56.529	ug/l	4.3	5000	
Cr	52	45	He	56.044	ug/l	3.4	20000	
Mn	55	45	He	284.949	ug/l	0.2	10000	
Fe	56	45	H2	2932.446	ug/l	3.3	500000	
Co	59	45	He	28.357	ug/l	0.9	2000	
Ni	60	45	He	57.842	ug/l	1.4	20000	
Cu	63	45	He	54.755	ug/l	0.4	20000	
Zn	66	45	He	271.858	ug/l	1.2	20000	
As	75	45	He	53.194	ug/l	3.1	5000	
Se	78	45	H2	56.097	ug/l	5.4	2000	
Sr	88	115	He	484.177	ug/l	2.0	5000	
Mo	95	115	He	55.102	ug/l	2.5	2000	
Ag	107	115	He	26.624	ug/l	1.7	100	
Cd	111	115	He	27.135	ug/l	2.5	5000	
Sn	118	115	He	56.576	ug/l	1.6	200	
Sb	121	45	He	31.444	ug/l	2.5	200	
Ba	137	159	He	116.709	ug/l	1.3	20000	
Tl	205	209	He	21.354	ug/l	0.9	1000	
[Pb]	206	209	He	26.836	ug/l	1.1		
[Pb]	207	209	He	27.131	ug/l	1.4		
Pb	208	209	He	26.933	ug/l	1.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3091217.97	2.8	80.2	60	125	
Sc (ISICPMS)	45	No Gas	4022830.06	2.4	81.4	60	125	
Sc (ISICPMS)	45	H2	1623005.55	3.7	79.2	60	125	
Sc (ISICPMS)	45	He	44659.91	0.5	75.7	60	125	
Ge (IS)	74	H2	324152.39	1.4	85.1	60	125	
Ge (IS)	74	He	26546.17	1.8	83.2	60	125	
Kr	83	He	16.68	34.6	41.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	78182.73	1.3	79.1	60	125	
Tb (IS)	159	He	497878.50	1.3	85.5	60	125	
Bi (IS)	209	He	427753.86	0.7	87.2	60	125	

Sample Report

File Name 141SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 14:45:56

Sample Name **460-255755-A-1-B DU**

Comment ---

Dilution **1.0000**

Vial # 4105

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.027	ug/l	37.0	2000	
B	11	6	No Gas	213.588	ug/l	1.9	500	
Na	23	45	He	261650.270	ug/l	1.0	500000	
Mg	24	45	He	17723.798	ug/l	1.0	500000	
Al	27	45	He	428.811	ug/l	19.6	200000	
K	39	45	He	2850.074	ug/l	1.3	500000	
Ca	40	45	H2	104953.656	ug/l	1.1	500000	
Ti	47	45	He	7.521	ug/l	13.7	5000	
V	51	45	He	0.861	ug/l	7.3	5000	
Cr	52	45	He	0.507	ug/l	49.9	20000	
Mn	55	45	He	10.725	ug/l	0.4	10000	
Fe	56	45	H2	157.611	ug/l	0.5	500000	
Co	59	45	He	1.629	ug/l	2.4	2000	
Ni	60	45	He	2.696	ug/l	11.4	20000	
Cu	63	45	He	1.437	ug/l	7.0	20000	
Zn	66	45	He	1.205	ug/l	56.3	20000	
As	75	45	He	0.488	ug/l	37.6	5000	
Se	78	45	H2	0.428	ug/l	44.7	2000	
Sr	88	115	He	432.304	ug/l	1.5	5000	
Mo	95	115	He	0.165	ug/l	44.6	2000	
Ag	107	115	He	-0.002	ug/l	N/A	100	
Cd	111	115	He	0.012	ug/l	173.2	5000	
Sn	118	115	He	0.089	ug/l	272.3	200	
Sb	121	45	He	0.223	ug/l	18.4	200	
Ba	137	159	He	72.315	ug/l	6.9	20000	
Tl	205	209	He	0.019	ug/l	42.0	1000	
[Pb]	206	209	He	0.086	ug/l	27.8		
[Pb]	207	209	He	0.084	ug/l	88.1		
Pb	208	209	He	0.079	ug/l	23.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3129000.72	2.0	81.2	60	125	
Sc (ISICPMS)	45	No Gas	4043307.33	1.7	81.8	60	125	
Sc (ISICPMS)	45	H2	1632866.36	2.2	79.7	60	125	
Sc (ISICPMS)	45	He	45117.96	1.1	76.5	60	125	
Ge (IS)	74	H2	321348.99	0.3	84.4	60	125	
Ge (IS)	74	He	27529.20	0.3	86.3	60	125	
Kr	83	He	16.68	124.9	41.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	79244.80	0.5	80.2	60	125	
Tb (IS)	159	He	499343.92	1.2	85.7	60	125	
Bi (IS)	209	He	429418.04	1.1	87.5	60	125	

Sample Report

File Name 142SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 14:48:14

Sample Name **460-255755-A-1-A**

Comment ---

Dilution **1.0000**

Vial # 4106

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.014	ug/l	32.1	2000	
B	11	6	No Gas	208.356	ug/l	0.8	500	
Na	23	45	He	259283.825	ug/l	2.0	500000	
Mg	24	45	He	17634.691	ug/l	0.9	500000	
Al	27	45	He	398.941	ug/l	2.5	200000	
K	39	45	He	2862.157	ug/l	3.1	500000	
Ca	40	45	H2	102570.135	ug/l	1.8	500000	
Ti	47	45	He	10.242	ug/l	61.7	5000	
V	51	45	He	0.885	ug/l	18.3	5000	
Cr	52	45	He	0.572	ug/l	41.3	20000	
Mn	55	45	He	10.344	ug/l	5.4	10000	
Fe	56	45	H2	157.697	ug/l	3.6	500000	
Co	59	45	He	1.711	ug/l	5.9	2000	
Ni	60	45	He	2.774	ug/l	14.6	20000	
Cu	63	45	He	1.419	ug/l	10.0	20000	
Zn	66	45	He	1.112	ug/l	74.5	20000	
As	75	45	He	1.253	ug/l	28.2	5000	
Se	78	45	H2	0.368	ug/l	18.2	2000	
Sr	88	115	He	435.463	ug/l	0.9	5000	
Mo	95	115	He	0.186	ug/l	7.7	2000	
Ag	107	115	He	0.016	ug/l	86.1	100	
Cd	111	115	He	0.250	ug/l	51.7	5000	
Sn	118	115	He	-0.012	ug/l	N/A	200	
Sb	121	45	He	0.191	ug/l	45.4	200	
Ba	137	159	He	70.883	ug/l	3.5	20000	
Tl	205	209	He	0.016	ug/l	55.5	1000	
[Pb]	206	209	He	0.137	ug/l	38.1		
[Pb]	207	209	He	0.041	ug/l	30.3		
Pb	208	209	He	0.076	ug/l	25.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3150555.89	0.7	81.8	60	125	
Sc (ISICPMS)	45	No Gas	4062013.61	2.3	82.2	60	125	
Sc (ISICPMS)	45	H2	1668472.89	1.8	81.4	60	125	
Sc (ISICPMS)	45	He	45168.24	0.9	76.5	60	125	
Ge (IS)	74	H2	323260.77	1.9	84.9	60	125	
Ge (IS)	74	He	26689.97	1.4	83.7	60	125	
Kr	83	He	43.38	26.6	108.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	78660.26	0.2	79.6	60	125	
Tb (IS)	159	He	498474.42	0.7	85.6	60	125	
Bi (IS)	209	He	431246.36	0.5	87.9	60	125	

Sample Report

File Name 143SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 14:50:33

Sample Name **460-255608-F-2-A**

Comment ---

Dilution **1.0000**

Vial # 4212

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.834	ug/l	9.0	2000	
B	11	6	No Gas	872.433	ug/l	2.1	500	>LDR 6020B
Na	23	45	He	177336.323	ug/l	1.1	500000	
Mg	24	45	He	44701.972	ug/l	0.9	500000	
Al	27	45	He	1718.051	ug/l	2.1	200000	
K	39	45	He	21952.898	ug/l	0.7	500000	
Ca	40	45	H2	395731.484	ug/l	1.4	500000	
Ti	47	45	He	5.598	ug/l	20.1	5000	
V	51	45	He	-0.282	ug/l	N/A	5000	
Cr	52	45	He	0.911	ug/l	15.5	20000	
Mn	55	45	He	2026.424	ug/l	0.6	10000	
Fe	56	45	H2	279305.393	ug/l	1.7	500000	
Co	59	45	He	25.792	ug/l	1.3	2000	
Ni	60	45	He	304.143	ug/l	0.9	20000	
Cu	63	45	He	2.508	ug/l	0.9	20000	
Zn	66	45	He	222.367	ug/l	1.1	20000	
As	75	45	He	1.646	ug/l	16.0	5000	
Se	78	45	H2	0.892	ug/l	46.1	2000	
Sr	88	115	He	2804.687	ug/l	1.1	5000	
Mo	95	115	He	0.759	ug/l	19.7	2000	
Ag	107	115	He	0.057	ug/l	70.1	100	
Cd	111	115	He	0.572	ug/l	4.0	5000	
Sn	118	115	He	0.205	ug/l	102.2	200	
Sb	121	45	He	0.310	ug/l	15.8	200	
Ba	137	159	He	38.325	ug/l	2.9	20000	
Tl	205	209	He	0.748	ug/l	4.8	1000	
[Pb]	206	209	He	0.264	ug/l	4.3		
[Pb]	207	209	He	0.240	ug/l	20.6		
Pb	208	209	He	0.204	ug/l	2.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2954948.15	1.1	76.7	60	125	
Sc (ISICPMS)	45	No Gas	3810357.85	1.7	77.1	60	125	
Sc (ISICPMS)	45	H2	1564270.88	1.0	76.3	60	125	
Sc (ISICPMS)	45	He	43519.57	0.2	73.7	60	125	
Ge (IS)	74	H2	322669.28	0.6	84.7	60	125	
Ge (IS)	74	He	27061.07	2.4	84.8	60	125	
Kr	83	He	93.43	34.4	233.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	76929.52	0.4	77.8	60	125	
Tb (IS)	159	He	500149.86	1.2	85.9	60	125	
Bi (IS)	209	He	425562.12	1.8	86.7	60	125	

Sample Report

File Name 144SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 14:52:52

Sample Name **460-255400-E-6-B**

Comment ---

Dilution **1.0000**

Vial # 4211

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.090	ug/l	16.5	2000	
B	11	6	No Gas	2137.933	ug/l	3.9	500	>LDR 6020B□>LDR 200.8
Na	23	45	He	167482.214	ug/l	2.7	500000	
Mg	24	45	He	71550.950	ug/l	1.7	500000	
Al	27	45	He	476.411	ug/l	1.0	200000	
K	39	45	He	14609.261	ug/l	1.4	500000	
Ca	40	45	H2	122275.179	ug/l	3.1	500000	
Ti	47	45	He	25.958	ug/l	44.8	5000	
V	51	45	He	1.771	ug/l	16.1	5000	
Cr	52	45	He	1.583	ug/l	14.0	20000	
Mn	55	45	He	6401.049	ug/l	0.5	10000	
Fe	56	45	H2	92401.055	ug/l	4.1	500000	
Co	59	45	He	2.043	ug/l	9.5	2000	
Ni	60	45	He	1.944	ug/l	8.4	20000	
Cu	63	45	He	1.125	ug/l	11.1	20000	
Zn	66	45	He	3.247	ug/l	38.0	20000	
As	75	45	He	6.362	ug/l	5.3	5000	
Se	78	45	H2	0.391	ug/l	36.9	2000	
Sr	88	115	He	705.087	ug/l	2.0	5000	
Mo	95	115	He	0.385	ug/l	20.1	2000	
Ag	107	115	He	0.004	ug/l	51.3	100	
Cd	111	115	He	0.073	ug/l	131.9	5000	
Sn	118	115	He	0.316	ug/l	29.3	200	
Sb	121	45	He	0.122	ug/l	16.5	200	
Ba	137	159	He	884.665	ug/l	1.5	20000	
Tl	205	209	He	-0.005	ug/l	N/A	1000	
[Pb]	206	209	He	2.058	ug/l	1.5		
[Pb]	207	209	He	1.944	ug/l	1.6		
Pb	208	209	He	1.983	ug/l	1.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3014153.12	2.2	78.2	60	125	
Sc (ISICPMS)	45	No Gas	3868595.31	2.5	78.3	60	125	
Sc (ISICPMS)	45	H2	1582228.35	3.3	77.2	60	125	
Sc (ISICPMS)	45	He	43135.07	1.1	73.1	60	125	
Ge (IS)	74	H2	318671.77	1.2	83.7	60	125	
Ge (IS)	74	He	26780.19	1.1	84.0	60	125	
Kr	83	He	40.04	25.0	100.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	77022.16	0.9	77.9	60	125	
Tb (IS)	159	He	494108.20	0.6	84.8	60	125	
Bi (IS)	209	He	428484.24	1.3	87.3	60	125	

Sample Report

File Name 145SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 14:55:09

Sample Name **sd 460-255755-A-1-A@5**

Comment ---

Dilution **1.0000**

Vial # 4107

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.014	ug/l	148.2	2000	
B	11	6	No Gas	72.001	ug/l	0.4	500	
Na	23	45	He	54293.658	ug/l	0.8	500000	
Mg	24	45	He	3624.703	ug/l	2.0	500000	
Al	27	45	He	87.800	ug/l	13.2	200000	
K	39	45	He	615.229	ug/l	2.4	500000	
Ca	40	45	H2	21321.392	ug/l	0.8	500000	
Ti	47	45	He	3.638	ug/l	63.5	5000	
V	51	45	He	-0.242	ug/l	N/A	5000	
Cr	52	45	He	-0.127	ug/l	N/A	20000	
Mn	55	45	He	2.483	ug/l	14.4	10000	
Fe	56	45	H2	52.071	ug/l	2.8	500000	
Co	59	45	He	0.355	ug/l	10.3	2000	
Ni	60	45	He	1.158	ug/l	10.3	20000	
Cu	63	45	He	0.395	ug/l	17.1	20000	
Zn	66	45	He	-1.248	ug/l	N/A	20000	
As	75	45	He	0.397	ug/l	55.6	5000	
Se	78	45	H2	0.253	ug/l	32.2	2000	
Sr	88	115	He	87.238	ug/l	2.0	5000	
Mo	95	115	He	0.117	ug/l	82.0	2000	
Ag	107	115	He	0.008	ug/l	41.9	100	
Cd	111	115	He	0.024	ug/l	173.2	5000	
Sn	118	115	He	-0.001	ug/l	N/A	200	
Sb	121	45	He	0.051	ug/l	83.4	200	
Ba	137	159	He	13.541	ug/l	6.5	20000	
Tl	205	209	He	-0.007	ug/l	N/A	1000	
[Pb]	206	209	He	0.017	ug/l	275.7		
[Pb]	207	209	He	0.034	ug/l	79.4		
Pb	208	209	He	0.022	ug/l	98.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3172435.40	0.7	82.3	60	125	
Sc (ISICPMS)	45	No Gas	4029720.44	1.7	81.6	60	125	
Sc (ISICPMS)	45	H2	1561961.64	1.4	76.2	60	125	
Sc (ISICPMS)	45	He	44225.21	0.5	74.9	60	125	
Ge (IS)	74	H2	305358.88	2.0	80.2	60	125	
Ge (IS)	74	He	24624.15	1.5	77.2	60	125	
Kr	83	He	20.02	132.3	50.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	78870.43	0.6	79.8	60	125	
Tb (IS)	159	He	499831.90	0.8	85.8	60	125	
Bi (IS)	209	He	437465.35	0.6	89.1	60	125	

Sample Report

File Name 146SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 14:57:27

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.045	ug/l	28.5	2000	
B	11	6	No Gas	16.022	ug/l	0.6	500	
Na	23	45	He	72.132	ug/l	19.3	500000	
Mg	24	45	He	4.010	ug/l	45.4	500000	
Al	27	45	He	7.888	ug/l	68.6	200000	
K	39	45	He	25.751	ug/l	47.9	500000	
Ca	40	45	H2	2.009	ug/l	9.7	500000	
Ti	47	45	He	11.201	ug/l	21.7	5000	
V	51	45	He	-0.403	ug/l	N/A	5000	
Cr	52	45	He	-0.157	ug/l	N/A	20000	
Mn	55	45	He	0.409	ug/l	77.5	10000	
Fe	56	45	H2	1.425	ug/l	23.4	500000	
Co	59	45	He	0.041	ug/l	23.8	2000	
Ni	60	45	He	0.538	ug/l	1.3	20000	
Cu	63	45	He	0.113	ug/l	21.8	20000	
Zn	66	45	He	-1.593	ug/l	N/A	20000	
As	75	45	He	1.097	ug/l	18.4	5000	
Se	78	45	H2	0.353	ug/l	38.6	2000	
Sr	88	115	He	0.324	ug/l	43.5	5000	
Mo	95	115	He	0.193	ug/l	97.4	2000	
Ag	107	115	He	0.050	ug/l	26.1	100	
Cd	111	115	He	0.227	ug/l	23.3	5000	
Sn	118	115	He	0.420	ug/l	29.5	200	
Sb	121	45	He	0.216	ug/l	95.7	200	
Ba	137	159	He	1.756	ug/l	42.0	20000	
Tl	205	209	He	0.001	ug/l	521.7	1000	
[Pb]	206	209	He	0.037	ug/l	77.2		
[Pb]	207	209	He	-0.018	ug/l	N/A		
Pb	208	209	He	-0.004	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3128580.68	0.8	81.2	60	125	
Sc (ISICPMS)	45	No Gas	3956145.12	0.7	80.1	60	125	
Sc (ISICPMS)	45	H2	1598808.86	0.3	78.0	60	125	
Sc (ISICPMS)	45	He	43440.49	1.8	73.6	60	125	
Ge (IS)	74	H2	300894.82	0.7	79.0	60	125	
Ge (IS)	74	He	24162.75	2.9	75.7	60	125	
Kr	83	He	83.42	34.6	208.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	78160.86	0.8	79.1	60	125	
Tb (IS)	159	He	496303.31	0.4	85.2	60	125	
Bi (IS)	209	He	443243.72	0.9	90.3	60	125	

Sample Report

File Name 147SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 14:59:48

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.003	ug/l	566.6	2000	
B	11	6	No Gas	11.848	ug/l	2.4	500	
Na	23	45	He	60.250	ug/l	3.8	500000	
Mg	24	45	He	2.218	ug/l	15.1	500000	
Al	27	45	He	3.403	ug/l	12.6	200000	
K	39	45	He	13.988	ug/l	68.0	500000	
Ca	40	45	H2	1.356	ug/l	25.3	500000	
Ti	47	45	He	4.714	ug/l	23.4	5000	
V	51	45	He	-0.439	ug/l	N/A	5000	
Cr	52	45	He	0.038	ug/l	816.7	20000	
Mn	55	45	He	0.278	ug/l	31.7	10000	
Fe	56	45	H2	1.042	ug/l	10.2	500000	
Co	59	45	He	0.035	ug/l	66.6	2000	
Ni	60	45	He	0.357	ug/l	56.6	20000	
Cu	63	45	He	0.110	ug/l	3.5	20000	
Zn	66	45	He	-1.722	ug/l	N/A	20000	
As	75	45	He	0.723	ug/l	59.7	5000	
Se	78	45	H2	0.362	ug/l	23.2	2000	
Sr	88	115	He	0.190	ug/l	81.5	5000	
Mo	95	115	He	0.094	ug/l	54.4	2000	
Ag	107	115	He	0.025	ug/l	108.0	100	
Cd	111	115	He	0.239	ug/l	9.4	5000	
Sn	118	115	He	0.162	ug/l	201.8	200	
Sb	121	45	He	0.140	ug/l	68.3	200	
Ba	137	159	He	0.999	ug/l	21.8	20000	
Tl	205	209	He	-0.009	ug/l	N/A	1000	
[Pb]	206	209	He	-0.013	ug/l	N/A		
[Pb]	207	209	He	-0.065	ug/l	N/A		
Pb	208	209	He	-0.042	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3004869.64	2.2	78.0	60	125	
Sc (ISICPMS)	45	No Gas	3831429.94	1.5	77.5	60	125	
Sc (ISICPMS)	45	H2	1566472.53	1.1	76.4	60	125	
Sc (ISICPMS)	45	He	43691.28	0.6	74.0	60	125	
Ge (IS)	74	H2	298660.79	1.4	78.4	60	125	
Ge (IS)	74	He	24640.80	4.9	77.2	60	125	
Kr	83	He	63.40	18.2	158.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	78296.38	1.2	79.2	60	125	
Tb (IS)	159	He	495418.07	0.3	85.0	60	125	
Bi (IS)	209	He	444005.42	1.7	90.5	60	125	

Continuing Calibration Verification (CCV)

File Name 148_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 15:02:07

Sample Name **CCV 9767647**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	96.031	ug/l	1.5	100	90	110	
B	11	6	No Gas	248.564	ug/l	1.9	250	225	275	
Na	23	45	He	26585.029	ug/l	1.5	25000	22500	27500	
Mg	24	45	He	26074.371	ug/l	1.3	25000	22500	27500	
Al	27	45	He	25218.720	ug/l	1.3	25000	22500	27500	
K	39	45	He	24838.792	ug/l	0.9	25000	22500	27500	
Ca	40	45	H2	24687.037	ug/l	2.6	25000	22500	27500	
Ti	47	45	He	102.909	ug/l	5.5	100	90	110	
V	51	45	He	99.672	ug/l	1.8	100	90	110	
Cr	52	45	He	102.481	ug/l	1.3	100	90	110	
Mn	55	45	He	105.063	ug/l	1.4	100	90	110	
Fe	56	45	H2	25750.936	ug/l	2.8	25000	22500	27500	
Co	59	45	He	102.694	ug/l	0.4	100	90	110	
Ni	60	45	He	103.639	ug/l	0.2	100	90	110	
Cu	63	45	He	102.070	ug/l	1.2	100	90	110	
Zn	66	45	He	259.136	ug/l	2.7	250	225	275	
As	75	45	He	99.527	ug/l	1.1	100	90	110	
Se	78	45	H2	101.216	ug/l	2.9	100	90	110	
Sr	88	115	He	94.185	ug/l	1.1	100	90	110	
Mo	95	115	He	100.185	ug/l	1.6	100	90	110	
Ag	107	115	He	50.751	ug/l	2.6	50	45	55	
Cd	111	115	He	99.191	ug/l	0.2	100	90	110	
Sn	118	115	He	101.153	ug/l	1.1	100	90	110	
Sb	121	45	He	111.536	ug/l	1.4	100	90	110	failed
Ba	137	159	He	95.018	ug/l	2.4	100	90	110	
Tl	205	209	He	99.022	ug/l	0.5	100	90	110	
[Pb]	206	209	He	99.539	ug/l	0.7				
[Pb]	207	209	He	99.281	ug/l	0.9				
Pb	208	209	He	99.799	ug/l	0.3	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3062580.51	0.6	79.5	60	125	
Sc (ISICPMS)	45	No Gas	3841100.55	0.6	77.7	60	125	
Sc (ISICPMS)	45	H2	1529804.63	2.1	74.7	60	125	
Sc (ISICPMS)	45	He	42185.56	0.4	71.5	60	125	
Ge (IS)	74	H2	298212.52	0.8	78.3	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Ge (IS)	74	He	24924.89	2.4	78.1	60	125	
Kr	83	He	26.69	94.4	66.7			
In-1	115	He	75488.47	0.7	76.4	60	125	
Tb (IS)	159	He	486142.02	0.8	83.4	60	125	
Bi (IS)	209	He	428930.92	0.2	87.4	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 149_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 15:04:24

Sample Name **CCB**

Comment ---

Dilution 1.0000

Analyte Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.057	ug/l	42.2	0.8	-0.8	0.8	
B	11	6	No Gas	11.406	ug/l	1.9	40	-40	40	
Na	23	45	He	61.682	ug/l	7.0	500	-500	500	
Mg	24	45	He	2.745	ug/l	45.6	200	-200	200	
Al	27	45	He	3.328	ug/l	44.3	40	-40	40	
K	39	45	He	25.100	ug/l	95.9	200	-200	200	
Ca	40	45	H2	1.701	ug/l	31.1	500	-500	500	
Ti	47	45	He	5.557	ug/l	51.8	4	-4	4	> water RL
V	51	45	He	-0.260	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.135	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.283	ug/l	123.6	8	-8	8	
Fe	56	45	H2	1.059	ug/l	11.4	60	-60	60	
Co	59	45	He	0.028	ug/l	54.5	4	-4	4	
Ni	60	45	He	0.443	ug/l	12.1	4	-4	4	
Cu	63	45	He	0.047	ug/l	142.1	4	-4	4	
Zn	66	45	He	-0.405	ug/l	N/A	16	-16	16	
As	75	45	He	0.499	ug/l	48.6	2	-2	2	
Se	78	45	H2	0.528	ug/l	10.4	2.5	-2.5	2.5	
Sr	88	115	He	0.223	ug/l	86.4	4	-4	4	
Mo	95	115	He	0.203	ug/l	33.8	4	-4	4	
Ag	107	115	He	0.017	ug/l	104.7	2	-2	2	
Cd	111	115	He	0.157	ug/l	103.5	2	-2	2	
Sn	118	115	He	0.069	ug/l	195.3	16	-16	16	
Sb	121	45	He	0.097	ug/l	115.4	2	-2	2	
Ba	137	159	He	1.002	ug/l	8.1	4	-4	4	
Tl	205	209	He	0.009	ug/l	56.9	0.8	-0.8	0.8	
[Pb]	206	209	He	-0.025	ug/l	N/A				
[Pb]	207	209	He	-0.004	ug/l	N/A				
Pb	208	209	He	-0.041	ug/l	N/A	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3093467.07	0.9	80.3	60	125	
Sc (ISICPMS)	45	No Gas	3940158.87	0.5	79.7	60	125	
Sc (ISICPMS)	45	H2	1605205.86	0.9	78.3	60	125	
Sc (ISICPMS)	45	He	43246.54	0.6	73.3	60	125	
Ge (IS)	74	H2	298859.20	0.2	78.5	60	125	
Ge (IS)	74	He	25135.41	1.6	78.8	60	125	
Kr	83	He	33.37	45.8	83.3			
In-1	115	He	77835.16	1.6	78.8	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Tb (IS)	159	He	492247.12	1.0	84.5	60	125	
Bi (IS)	209	He	440626.60	0.4	89.8	60	125	

Sample Report

File Name 150SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 15:06:45

Sample Name **460-255397-D-3-A**

Comment ---

Dilution **1.0000**

Vial # 4203

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	1.948	ug/l	0.8	2000	
B	11	6	No Gas	21.503	ug/l	2.6	500	
Na	23	45	He	162937.512	ug/l	2.2	500000	
Mg	24	45	He	71306.408	ug/l	0.4	500000	
Al	27	45	He	173.212	ug/l	7.2	200000	
K	39	45	He	10106.422	ug/l	2.8	500000	
Ca	40	45	H2	105059.089	ug/l	1.4	500000	
Ti	47	45	He	1.679	ug/l	65.6	5000	
V	51	45	He	-0.267	ug/l	N/A	5000	
Cr	52	45	He	0.054	ug/l	481.0	20000	
Mn	55	45	He	3018.524	ug/l	1.8	10000	
Fe	56	45	H2	31.219	ug/l	2.9	500000	
Co	59	45	He	2.967	ug/l	2.0	2000	
Ni	60	45	He	12.426	ug/l	2.3	20000	
Cu	63	45	He	1.137	ug/l	14.2	20000	
Zn	66	45	He	25.682	ug/l	2.8	20000	
As	75	45	He	0.143	ug/l	150.1	5000	
Se	78	45	H2	0.462	ug/l	59.0	2000	
Sr	88	115	He	1233.886	ug/l	0.6	5000	
Mo	95	115	He	0.027	ug/l	113.4	2000	
Ag	107	115	He	1.884	ug/l	0.8	100	
Cd	111	115	He	4.556	ug/l	8.5	5000	
Sn	118	115	He	0.290	ug/l	57.7	200	
Sb	121	45	He	0.071	ug/l	35.2	200	
Ba	137	159	He	1330.630	ug/l	1.7	20000	
Tl	205	209	He	0.288	ug/l	6.7	1000	
[Pb]	206	209	He	0.057	ug/l	17.0		
[Pb]	207	209	He	0.031	ug/l	136.6		
Pb	208	209	He	0.037	ug/l	54.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3024154.43	1.2	78.5	60	125	
Sc (ISICPMS)	45	No Gas	3863469.27	2.1	78.2	60	125	
Sc (ISICPMS)	45	H2	1587621.33	1.1	77.5	60	125	
Sc (ISICPMS)	45	He	43118.42	0.5	73.1	60	125	
Ge (IS)	74	H2	320266.41	2.2	84.1	60	125	
Ge (IS)	74	He	25847.57	1.3	81.0	60	125	
Kr	83	He	30.03	66.7	75.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	75030.67	1.3	75.9	60	125	
Tb (IS)	159	He	487272.08	1.6	83.6	60	125	
Bi (IS)	209	He	423890.08	0.6	86.4	60	125	

Sample Report

File Name 151SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 15:09:02

Sample Name **460-255397-D-4-A**

Comment ---

Dilution **1.0000**

Vial # 4204

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.253	ug/l	8.3	2000	
B	11	6	No Gas	20.693	ug/l	4.1	500	
Na	23	45	He	31676.817	ug/l	1.9	500000	
Mg	24	45	He	45405.755	ug/l	2.5	500000	
Al	27	45	He	37.321	ug/l	10.3	200000	
K	39	45	He	6325.986	ug/l	3.0	500000	
Ca	40	45	H2	95242.064	ug/l	1.1	500000	
Ti	47	45	He	4.880	ug/l	32.9	5000	
V	51	45	He	0.040	ug/l	600.9	5000	
Cr	52	45	He	0.201	ug/l	119.3	20000	
Mn	55	45	He	272.162	ug/l	2.4	10000	
Fe	56	45	H2	4.772	ug/l	0.4	500000	
Co	59	45	He	5.544	ug/l	3.1	2000	
Ni	60	45	He	6.291	ug/l	7.3	20000	
Cu	63	45	He	0.920	ug/l	7.8	20000	
Zn	66	45	He	10.042	ug/l	7.8	20000	
As	75	45	He	1.100	ug/l	45.0	5000	
Se	78	45	H2	3.400	ug/l	8.4	2000	
Sr	88	115	He	664.556	ug/l	1.4	5000	
Mo	95	115	He	0.095	ug/l	78.4	2000	
Ag	107	115	He	0.206	ug/l	14.1	100	
Cd	111	115	He	0.834	ug/l	38.6	5000	
Sn	118	115	He	0.481	ug/l	32.7	200	
Sb	121	45	He	0.146	ug/l	33.7	200	
Ba	137	159	He	639.896	ug/l	3.5	20000	
Tl	205	209	He	0.138	ug/l	4.0	1000	
[Pb]	206	209	He	0.192	ug/l	13.6		
[Pb]	207	209	He	0.185	ug/l	26.6		
Pb	208	209	He	0.178	ug/l	12.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3133886.96	2.9	81.3	60	125	
Sc (ISICPMS)	45	No Gas	4006202.29	2.8	81.1	60	125	
Sc (ISICPMS)	45	H2	1560398.30	1.8	76.2	60	125	
Sc (ISICPMS)	45	He	43506.17	1.3	73.7	60	125	
Ge (IS)	74	H2	322562.61	1.0	84.7	60	125	
Ge (IS)	74	He	26572.88	1.8	83.3	60	125	
Kr	83	He	33.37	45.8	83.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	77581.32	0.6	78.5	60	125	
Tb (IS)	159	He	494817.40	0.5	84.9	60	125	
Bi (IS)	209	He	437684.02	0.5	89.2	60	125	

Sample Report

File Name 152SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 15:11:21

Sample Name **460-255397-D-5-A**

Comment ---

Dilution **1.0000**

Vial # 4205

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.009	ug/l	79.6	2000	
B	11	6	No Gas	20.813	ug/l	3.2	500	
Na	23	45	He	10237.921	ug/l	1.2	500000	
Mg	24	45	He	8876.856	ug/l	2.1	500000	
Al	27	45	He	7.764	ug/l	20.5	200000	
K	39	45	He	3971.307	ug/l	3.2	500000	
Ca	40	45	H2	31479.352	ug/l	1.0	500000	
Ti	47	45	He	0.567	ug/l	129.7	5000	
V	51	45	He	0.262	ug/l	58.4	5000	
Cr	52	45	He	-0.075	ug/l	N/A	20000	
Mn	55	45	He	30.932	ug/l	7.5	10000	
Fe	56	45	H2	72.130	ug/l	2.6	500000	
Co	59	45	He	0.952	ug/l	11.2	2000	
Ni	60	45	He	1.590	ug/l	6.3	20000	
Cu	63	45	He	0.403	ug/l	17.2	20000	
Zn	66	45	He	0.883	ug/l	60.6	20000	
As	75	45	He	0.037	ug/l	89.3	5000	
Se	78	45	H2	0.212	ug/l	77.8	2000	
Sr	88	115	He	172.102	ug/l	2.3	5000	
Mo	95	115	He	0.339	ug/l	7.8	2000	
Ag	107	115	He	0.006	ug/l	146.2	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	0.164	ug/l	242.0	200	
Sb	121	45	He	0.119	ug/l	43.4	200	
Ba	137	159	He	15.865	ug/l	12.2	20000	
Tl	205	209	He	-0.002	ug/l	N/A	1000	
[Pb]	206	209	He	-0.009	ug/l	N/A		
[Pb]	207	209	He	0.000	ug/l	8177.6		
Pb	208	209	He	-0.018	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3150646.31	0.8	81.8	60	125	
Sc (ISICPMS)	45	No Gas	4044964.85	0.9	81.9	60	125	
Sc (ISICPMS)	45	H2	1600099.75	3.0	78.1	60	125	
Sc (ISICPMS)	45	He	43082.71	0.9	73.0	60	125	
Ge (IS)	74	H2	325018.69	0.9	85.3	60	125	
Ge (IS)	74	He	26218.71	2.7	82.2	60	125	
Kr	83	He	40.04	50.0	100.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	77213.87	0.7	78.1	60	125	
Tb (IS)	159	He	491429.61	0.7	84.4	60	125	
Bi (IS)	209	He	434654.97	0.9	88.6	60	125	

Sample Report

File Name 153SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 15:13:41

Sample Name **460-255397-D-6-A**

Comment ---

Dilution **1.0000**

Vial # 4206

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.163	ug/l	19.0	2000	
B	11	6	No Gas	20.774	ug/l	3.6	500	
Na	23	45	He	107949.990	ug/l	0.2	500000	
Mg	24	45	He	40448.242	ug/l	1.5	500000	
Al	27	45	He	54.211	ug/l	7.3	200000	
K	39	45	He	6300.595	ug/l	1.7	500000	
Ca	40	45	H2	85284.914	ug/l	3.2	500000	
Ti	47	45	He	3.324	ug/l	38.4	5000	
V	51	45	He	-0.033	ug/l	N/A	5000	
Cr	52	45	He	0.347	ug/l	45.6	20000	
Mn	55	45	He	140.587	ug/l	2.5	10000	
Fe	56	45	H2	5.358	ug/l	6.9	500000	
Co	59	45	He	2.052	ug/l	5.6	2000	
Ni	60	45	He	10.114	ug/l	3.6	20000	
Cu	63	45	He	0.987	ug/l	3.0	20000	
Zn	66	45	He	7.397	ug/l	8.0	20000	
As	75	45	He	0.675	ug/l	54.7	5000	
Se	78	45	H2	4.951	ug/l	6.9	2000	
Sr	88	115	He	612.146	ug/l	1.2	5000	
Mo	95	115	He	0.091	ug/l	34.5	2000	
Ag	107	115	He	1.283	ug/l	1.4	100	
Cd	111	115	He	1.233	ug/l	13.6	5000	
Sn	118	115	He	0.486	ug/l	56.9	200	
Sb	121	74	He	0.009	ug/l	455.5	200	
Ba	137	159	He	644.935	ug/l	1.3	20000	
Tl	205	209	He	0.123	ug/l	20.4	1000	
[Pb]	206	209	He	0.314	ug/l	16.2		
[Pb]	207	209	He	0.236	ug/l	11.5		
Pb	208	209	He	0.252	ug/l	14.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3042530.09	0.7	79.0	60	125	
Sc (ISICPMS)	45	No Gas	3965768.94	0.2	80.3	60	125	
Sc (ISICPMS)	45	H2	1565074.09	1.6	76.4	60	125	
Sc (ISICPMS)	45	He	43452.70	1.1	73.6	60	125	
Ge (IS)	74	H2	318986.73	1.7	83.7	60	125	
Ge (IS)	74	He	26486.02	0.6	83.0	60	125	
Kr	83	He	36.70	41.7	91.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	76715.58	0.5	77.6	60	125	
Tb (IS)	159	He	488756.30	0.5	83.9	60	125	
Bi (IS)	209	He	432854.48	0.4	88.2	60	125	

Sample Report

File Name 154SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 15:16:01

Sample Name **460-255258-A-8-B**

Comment ---

Dilution **1.0000**

Vial # 4207

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.007	ug/l	160.2	2000	
B	11	6	No Gas	14.325	ug/l	4.8	500	
Na	23	45	He	73.646	ug/l	8.1	500000	
Mg	24	45	He	6.590	ug/l	16.4	500000	
Al	27	45	He	13.179	ug/l	2.8	200000	
K	39	45	He	36.237	ug/l	68.3	500000	
Ca	40	45	H2	15.121	ug/l	1.9	500000	
Ti	47	45	He	2.864	ug/l	55.4	5000	
V	51	45	He	0.022	ug/l	647.7	5000	
Cr	52	45	He	0.015	ug/l	661.6	20000	
Mn	55	45	He	0.482	ug/l	40.0	10000	
Fe	56	45	H2	8.411	ug/l	4.7	500000	
Co	59	45	He	0.023	ug/l	124.2	2000	
Ni	60	45	He	0.486	ug/l	23.8	20000	
Cu	63	45	He	0.228	ug/l	19.4	20000	
Zn	66	45	He	-0.615	ug/l	N/A	20000	
As	75	45	He	0.407	ug/l	128.7	5000	
Se	78	45	H2	0.085	ug/l	193.1	2000	
Sr	88	115	He	0.033	ug/l	287.2	5000	
Mo	95	115	He	0.059	ug/l	57.4	2000	
Ag	107	115	He	0.024	ug/l	92.7	100	
Cd	111	115	He	0.130	ug/l	82.9	5000	
Sn	118	115	He	0.122	ug/l	76.2	200	
Sb	121	45	He	0.051	ug/l	11.3	200	
Ba	137	159	He	1.237	ug/l	43.7	20000	
Tl	205	209	He	-0.006	ug/l	N/A	1000	
[Pb]	206	209	He	-0.042	ug/l	N/A		
[Pb]	207	209	He	-0.038	ug/l	N/A		
Pb	208	209	He	-0.030	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3106818.15	2.7	80.6	60	125	
Sc (ISICPMS)	45	No Gas	3995402.16	1.6	80.9	60	125	
Sc (ISICPMS)	45	H2	1601978.68	1.2	78.2	60	125	
Sc (ISICPMS)	45	He	44357.81	1.4	75.2	60	125	
Ge (IS)	74	H2	303308.56	0.6	79.6	60	125	
Ge (IS)	74	He	24984.92	1.5	78.3	60	125	
Kr	83	He	46.71	32.7	116.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	79346.24	0.6	80.3	60	125	
Tb (IS)	159	He	494321.10	1.0	84.8	60	125	
Bi (IS)	209	He	446758.63	0.3	91.0	60	125	

Sample Report

File Name 155SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 15:18:22

Sample Name **460-255423-F-1-A**

Comment ---

Dilution **1.0000**

Vial # 4208

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.054	ug/l	58.0	2000	
B	11	6	No Gas	83.841	ug/l	2.6	500	
Na	23	45	He	65202.971	ug/l	1.1	500000	
Mg	24	45	He	18156.197	ug/l	1.7	500000	
Al	27	45	He	170.851	ug/l	6.7	200000	
K	39	45	He	9582.185	ug/l	2.8	500000	
Ca	40	45	H2	51123.095	ug/l	2.3	500000	
Ti	47	45	He	15.390	ug/l	16.7	5000	
V	51	45	He	0.867	ug/l	23.9	5000	
Cr	52	45	He	0.476	ug/l	61.3	20000	
Mn	55	45	He	1023.006	ug/l	1.3	10000	
Fe	56	45	H2	1761.192	ug/l	2.7	500000	
Co	59	45	He	0.728	ug/l	9.5	2000	
Ni	60	45	He	4.735	ug/l	5.9	20000	
Cu	63	45	He	0.894	ug/l	7.3	20000	
Zn	66	45	He	3.982	ug/l	21.0	20000	
As	75	45	He	3.006	ug/l	12.4	5000	
Se	78	45	H2	0.320	ug/l	46.2	2000	
Sr	88	115	He	259.949	ug/l	1.0	5000	
Mo	95	115	He	0.519	ug/l	4.7	2000	
Ag	107	115	He	0.021	ug/l	43.7	100	
Cd	111	115	He	0.258	ug/l	86.0	5000	
Sn	118	115	He	0.102	ug/l	299.9	200	
Sb	121	45	He	0.371	ug/l	8.9	200	
Ba	137	159	He	113.243	ug/l	2.4	20000	
Tl	205	209	He	0.003	ug/l	284.8	1000	
[Pb]	206	209	He	0.179	ug/l	39.2		
[Pb]	207	209	He	0.120	ug/l	30.1		
Pb	208	209	He	0.169	ug/l	11.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3154027.87	2.6	81.9	60	125	
Sc (ISICPMS)	45	No Gas	3938514.89	1.0	79.7	60	125	
Sc (ISICPMS)	45	H2	1592727.44	1.5	77.7	60	125	
Sc (ISICPMS)	45	He	42607.79	1.2	72.2	60	125	
Ge (IS)	74	H2	317721.38	0.9	83.4	60	125	
Ge (IS)	74	He	26068.17	1.1	81.7	60	125	
Kr	83	He	53.39	21.7	133.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	76289.54	0.5	77.2	60	125	
Tb (IS)	159	He	488990.65	2.1	83.9	60	125	
Bi (IS)	209	He	434130.41	0.3	88.4	60	125	

Sample Report

File Name 156SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 15:20:39

Sample Name **460-255423-F-3-A**

Comment ---

Dilution **1.0000**

Vial # 4209

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.012	ug/l	140.1	2000	
B	11	6	No Gas	108.058	ug/l	2.1	500	
Na	23	45	He	71167.671	ug/l	0.1	500000	
Mg	24	45	He	19832.196	ug/l	0.9	500000	
Al	27	45	He	9.767	ug/l	16.1	200000	
K	39	45	He	10245.991	ug/l	0.6	500000	
Ca	40	45	H2	56458.864	ug/l	1.9	500000	
Ti	47	45	He	1.494	ug/l	33.9	5000	
V	51	45	He	-0.063	ug/l	N/A	5000	
Cr	52	45	He	0.320	ug/l	70.6	20000	
Mn	55	45	He	1044.526	ug/l	1.4	10000	
Fe	56	45	H2	17214.889	ug/l	1.9	500000	
Co	59	45	He	1.478	ug/l	7.8	2000	
Ni	60	45	He	3.674	ug/l	5.7	20000	
Cu	63	45	He	27.377	ug/l	2.7	20000	
Zn	66	45	He	38.562	ug/l	1.6	20000	
As	75	45	He	21.114	ug/l	3.9	5000	
Se	78	45	H2	-0.017	ug/l	N/A	2000	
Sr	88	115	He	274.760	ug/l	0.9	5000	
Mo	95	115	He	0.556	ug/l	16.4	2000	
Ag	107	115	He	0.010	ug/l	75.4	100	
Cd	111	115	He	0.074	ug/l	49.0	5000	
Sn	118	115	He	0.211	ug/l	91.8	200	
Sb	121	45	He	0.241	ug/l	11.1	200	
Ba	137	159	He	156.403	ug/l	2.7	20000	
Tl	205	209	He	-0.010	ug/l	N/A	1000	
[Pb]	206	209	He	3.233	ug/l	3.9		
[Pb]	207	209	He	3.160	ug/l	3.5		
Pb	208	209	He	3.152	ug/l	0.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2987137.32	1.1	77.5	60	125	
Sc (ISICPMS)	45	No Gas	3901837.48	1.3	79.0	60	125	
Sc (ISICPMS)	45	H2	1504066.09	1.1	73.4	60	125	
Sc (ISICPMS)	45	He	41761.91	1.4	70.8	60	125	
Ge (IS)	74	H2	309629.97	0.7	81.3	60	125	
Ge (IS)	74	He	26255.40	1.2	82.3	60	125	
Kr	83	He	23.36	65.5	58.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	75429.99	1.3	76.3	60	125	
Tb (IS)	159	He	485292.82	1.2	83.3	60	125	
Bi (IS)	209	He	423374.77	1.6	86.3	60	125	

Sample Report

File Name 157SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 15:22:57

Sample Name **460-255699-A-1-A**

Comment ---

Dilution **1.0000**

Vial # 2110

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.087	ug/l	22.3	2000	
B	11	6	No Gas	70.149	ug/l	1.4	500	
Na	23	45	He	4968.140	ug/l	1.5	500000	
Mg	24	45	He	5342.321	ug/l	2.0	500000	
Al	27	45	He	531.867	ug/l	1.9	200000	
K	39	45	He	1054.528	ug/l	2.5	500000	
Ca	40	45	H2	95935.973	ug/l	1.2	500000	
Ti	47	45	He	40627.947	ug/l	1.4	5000	>LDR 6020B□>LDR 200.8
V	51	45	He	12.265	ug/l	8.0	5000	
Cr	52	45	He	14.596	ug/l	3.5	20000	
Mn	55	45	He	392.339	ug/l	1.4	10000	
Fe	56	45	H2	491.643	ug/l	4.2	500000	
Co	59	45	He	5.430	ug/l	0.4	2000	
Ni	60	45	He	160.758	ug/l	3.1	20000	
Cu	63	45	He	25.843	ug/l	2.8	20000	
Zn	66	45	He	43.089	ug/l	0.9	20000	
As	75	45	He	58.600	ug/l	1.2	5000	
Se	78	45	H2	0.054	ug/l	102.0	2000	
Sr	88	115	He	886.654	ug/l	1.2	5000	
Mo	95	115	He	0.149	ug/l	37.4	2000	
Ag	107	115	He	0.133	ug/l	13.9	100	
Cd	111	115	He	0.334	ug/l	39.3	5000	
Sn	118	115	He	16.140	ug/l	0.9	200	
Sb	121	45	He	0.121	ug/l	44.6	200	
Ba	137	159	He	204.869	ug/l	3.8	20000	
Tl	205	209	He	0.047	ug/l	28.2	1000	
[Pb]	206	209	He	136.015	ug/l	2.6		
[Pb]	207	209	He	134.941	ug/l	2.0		
Pb	208	209	He	135.373	ug/l	1.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3038015.89	0.7	78.8	60	125	
Sc (ISICPMS)	45	No Gas	3853838.70	1.4	78.0	60	125	
Sc (ISICPMS)	45	H2	1548041.76	1.3	75.5	60	125	
Sc (ISICPMS)	45	He	41604.77	1.4	70.5	60	125	
Ge (IS)	74	H2	308025.26	0.6	80.9	60	125	
Ge (IS)	74	He	25606.78	1.5	80.3	60	125	
Kr	83	He	30.03	57.7	75.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	75541.31	0.7	76.4	60	125	
Tb (IS)	159	He	484588.80	0.9	83.2	60	125	
Bi (IS)	209	He	431259.27	1.0	87.9	60	125	

Sample Report

File Name 158SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 15:25:16

Sample Name **460-255699-A-2-A**

Comment ---

Dilution **1.0000**

Vial # 2111

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.074	ug/l	10.4	2000	
B	11	6	No Gas	66.097	ug/l	3.0	500	
Na	23	45	He	3695.925	ug/l	1.8	500000	
Mg	24	45	He	4846.469	ug/l	1.0	500000	
Al	27	45	He	187.727	ug/l	5.5	200000	
K	39	45	He	572.716	ug/l	5.2	500000	
Ca	40	45	H2	89431.109	ug/l	2.8	500000	
Ti	47	45	He	40739.308	ug/l	0.3	5000	>LDR 6020B□>LDR 200.8
V	51	45	He	13.095	ug/l	5.7	5000	
Cr	52	45	He	13.064	ug/l	2.8	20000	
Mn	55	45	He	468.294	ug/l	1.1	10000	
Fe	56	45	H2	319.939	ug/l	2.5	500000	
Co	59	45	He	6.991	ug/l	6.2	2000	
Ni	60	45	He	182.377	ug/l	1.1	20000	
Cu	63	45	He	21.311	ug/l	2.6	20000	
Zn	66	45	He	59.462	ug/l	2.9	20000	
As	75	45	He	67.577	ug/l	3.6	5000	
Se	78	45	H2	0.076	ug/l	51.8	2000	
Sr	88	115	He	830.251	ug/l	1.9	5000	
Mo	95	115	He	0.202	ug/l	27.5	2000	
Ag	107	115	He	0.110	ug/l	19.7	100	
Cd	111	115	He	0.577	ug/l	27.4	5000	
Sn	118	115	He	15.811	ug/l	9.8	200	
Sb	121	45	He	0.170	ug/l	25.2	200	
Ba	137	159	He	298.760	ug/l	4.2	20000	
Tl	205	209	He	0.047	ug/l	41.1	1000	
[Pb]	206	209	He	124.900	ug/l	0.9		
[Pb]	207	209	He	124.220	ug/l	1.3		
Pb	208	209	He	124.868	ug/l	1.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2982538.18	1.6	77.4	60	125	
Sc (ISICPMS)	45	No Gas	3770840.08	2.0	76.3	60	125	
Sc (ISICPMS)	45	H2	1524712.84	3.5	74.4	60	125	
Sc (ISICPMS)	45	He	41747.50	0.2	70.7	60	125	
Ge (IS)	74	H2	306277.25	1.2	80.4	60	125	
Ge (IS)	74	He	25208.89	0.2	79.0	60	125	
Kr	83	He	33.37	62.4	83.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	74785.43	2.0	75.7	60	125	
Tb (IS)	159	He	486136.27	1.3	83.4	60	125	
Bi (IS)	209	He	433952.62	1.1	88.4	60	125	

Sample Report

File Name 159SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 15:27:35

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.014	ug/l	51.6	2000	
B	11	6	No Gas	4.833	ug/l	3.2	500	
Na	23	45	He	58.399	ug/l	9.3	500000	
Mg	24	45	He	2.586	ug/l	23.2	500000	
Al	27	45	He	3.784	ug/l	41.2	200000	
K	39	45	He	21.300	ug/l	27.4	500000	
Ca	40	45	H2	4.118	ug/l	23.8	500000	
Ti	47	45	He	5.142	ug/l	45.3	5000	
V	51	45	He	-0.262	ug/l	N/A	5000	
Cr	52	45	He	-0.103	ug/l	N/A	20000	
Mn	55	45	He	0.045	ug/l	252.3	10000	
Fe	56	45	H2	-0.291	ug/l	N/A	500000	
Co	59	45	He	0.011	ug/l	90.6	2000	
Ni	60	45	He	0.425	ug/l	7.8	20000	
Cu	63	45	He	0.061	ug/l	177.0	20000	
Zn	66	45	He	-1.651	ug/l	N/A	20000	
As	75	45	He	0.254	ug/l	86.7	5000	
Se	78	45	H2	0.053	ug/l	108.3	2000	
Sr	88	115	He	0.099	ug/l	81.1	5000	
Mo	95	115	He	0.056	ug/l	26.4	2000	
Ag	107	115	He	0.004	ug/l	231.9	100	
Cd	111	115	He	0.122	ug/l	96.5	5000	
Sn	118	115	He	0.181	ug/l	139.7	200	
Sb	121	45	He	-0.013	ug/l	N/A	200	
Ba	137	159	He	0.523	ug/l	15.8	20000	
Tl	205	209	He	-0.011	ug/l	N/A	1000	
[Pb]	206	209	He	-0.084	ug/l	N/A		
[Pb]	207	209	He	-0.067	ug/l	N/A		
Pb	208	209	He	-0.075	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3084454.74	1.7	80.0	60	125	
Sc (ISICPMS)	45	No Gas	3932727.25	2.4	79.6	60	125	
Sc (ISICPMS)	45	H2	1563639.78	2.3	76.3	60	125	
Sc (ISICPMS)	45	He	42866.52	1.2	72.6	60	125	
Ge (IS)	74	H2	296629.79	0.9	77.9	60	125	
Ge (IS)	74	He	23601.32	1.9	74.0	60	125	
Kr	83	He	23.36	137.8	58.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	76642.31	0.4	77.6	60	125	
Tb (IS)	159	He	491351.14	0.8	84.3	60	125	
Bi (IS)	209	He	439389.99	0.6	89.5	60	125	

Continuing Calibration Verification (CCV)

File Name 160_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 15:29:55

Sample Name **CCV 9767647**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	96.476	ug/l	1.8	100	90	110	
B	11	6	No Gas	241.102	ug/l	1.6	250	225	275	
Na	23	45	He	26558.629	ug/l	1.9	25000	22500	27500	
Mg	24	45	He	25930.930	ug/l	1.1	25000	22500	27500	
Al	27	45	He	25024.154	ug/l	0.4	25000	22500	27500	
K	39	45	He	24476.586	ug/l	1.1	25000	22500	27500	
Ca	40	45	H2	25036.608	ug/l	2.1	25000	22500	27500	
Ti	47	45	He	106.200	ug/l	7.9	100	90	110	
V	51	45	He	99.682	ug/l	1.8	100	90	110	
Cr	52	45	He	102.624	ug/l	1.9	100	90	110	
Mn	55	45	He	100.480	ug/l	0.5	100	90	110	
Fe	56	45	H2	25748.514	ug/l	2.0	25000	22500	27500	
Co	59	45	He	102.497	ug/l	2.0	100	90	110	
Ni	60	45	He	103.156	ug/l	0.1	100	90	110	
Cu	63	45	He	102.586	ug/l	1.2	100	90	110	
Zn	66	45	He	256.984	ug/l	2.6	250	225	275	
As	75	45	He	100.995	ug/l	1.5	100	90	110	
Se	78	45	H2	102.232	ug/l	4.1	100	90	110	
Sr	88	115	He	95.179	ug/l	2.2	100	90	110	
Mo	95	115	He	101.916	ug/l	0.4	100	90	110	
Ag	107	115	He	51.698	ug/l	1.2	50	45	55	
Cd	111	115	He	102.870	ug/l	2.3	100	90	110	
Sn	118	115	He	101.075	ug/l	2.1	100	90	110	
Sb	121	45	He	110.343	ug/l	0.7	100	90	110	failed
Ba	137	159	He	93.873	ug/l	2.8	100	90	110	
Tl	205	209	He	100.263	ug/l	0.4	100	90	110	
[Pb]	206	209	He	98.891	ug/l	1.6				
[Pb]	207	209	He	98.982	ug/l	0.5				
Pb	208	209	He	99.784	ug/l	0.2	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3021208.84	2.1	78.4	60	125	
Sc (ISICPMS)	45	No Gas	3789980.78	2.7	76.7	60	125	
Sc (ISICPMS)	45	H2	1498163.92	2.0	73.1	60	125	
Sc (ISICPMS)	45	He	41515.72	1.4	70.3	60	125	
Ge (IS)	74	H2	294870.60	0.9	77.4	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Ge (IS)	74	He	24450.10	0.4	76.6	60	125	
Kr	83	He	26.69	142.0	66.7			
In-1	115	He	73942.53	0.4	74.8	60	125	
Tb (IS)	159	He	477278.31	0.3	81.9	60	125	
Bi (IS)	209	He	424321.95	0.7	86.5	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 161_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 15:32:12

Sample Name **CCB**

Comment ---

Dilution 1.0000

Multiplier Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.013	ug/l	73.5	0.8	-0.8	0.8	
B	11	6	No Gas	6.576	ug/l	7.2	40	-40	40	
Na	23	45	He	63.354	ug/l	18.5	500	-500	500	
Mg	24	45	He	1.992	ug/l	51.8	200	-200	200	
Al	27	45	He	4.687	ug/l	28.5	40	-40	40	
K	39	45	He	38.238	ug/l	40.5	200	-200	200	
Ca	40	45	H2	2.174	ug/l	38.9	500	-500	500	
Ti	47	45	He	3.987	ug/l	76.5	4	-4	4	
V	51	45	He	-0.117	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.032	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.198	ug/l	34.6	8	-8	8	
Fe	56	45	H2	-0.025	ug/l	N/A	60	-60	60	
Co	59	45	He	0.035	ug/l	79.4	4	-4	4	
Ni	60	45	He	0.535	ug/l	27.5	4	-4	4	
Cu	63	45	He	0.015	ug/l	340.2	4	-4	4	
Zn	66	45	He	-1.119	ug/l	N/A	16	-16	16	
As	75	45	He	0.551	ug/l	77.1	2	-2	2	
Se	78	45	H2	0.015	ug/l	755.6	2.5	-2.5	2.5	
Sr	88	115	He	0.056	ug/l	198.5	4	-4	4	
Mo	95	115	He	0.061	ug/l	37.5	4	-4	4	
Ag	107	115	He	0.011	ug/l	153.8	2	-2	2	
Cd	111	115	He	0.207	ug/l	100.5	2	-2	2	
Sn	118	115	He	-0.073	ug/l	N/A	16	-16	16	
Sb	121	45	He	0.016	ug/l	282.0	2	-2	2	
Ba	137	159	He	0.718	ug/l	58.5	4	-4	4	
Tl	205	209	He	0.016	ug/l	48.0	0.8	-0.8	0.8	
[Pb]	206	209	He	-0.057	ug/l	N/A				
[Pb]	207	209	He	-0.095	ug/l	N/A				
Pb	208	209	He	-0.088	ug/l	N/A	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3042535.41	2.6	79.0	60	125	
Sc (ISICPMS)	45	No Gas	3850497.16	1.1	77.9	60	125	
Sc (ISICPMS)	45	H2	1563905.13	2.0	76.3	60	125	
Sc (ISICPMS)	45	He	42429.58	1.1	71.9	60	125	
Ge (IS)	74	H2	292242.44	1.5	76.7	60	125	
Ge (IS)	74	He	24002.34	2.9	75.2	60	125	
Kr	83	He	33.37	86.6	83.3			
In-1	115	He	77085.59	0.2	78.0	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Tb (IS)	159	He	486785.91	0.2	83.6	60	125	
Bi (IS)	209	He	435542.93	0.3	88.7	60	125	

Sample Report

File Name 162SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 15:34:32

Sample Name **460-255400-E-4-B**

Comment ---

Dilution **1.0000**

Vial # 4210

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.033	ug/l	36.8	2000	
B	11	6	No Gas	264.026	ug/l	3.1	500	
Na	23	45	He	298335.205	ug/l	1.5	500000	
Mg	24	45	He	18749.789	ug/l	1.7	500000	
Al	27	45	He	117.000	ug/l	3.6	200000	
K	39	45	He	20851.785	ug/l	1.9	500000	
Ca	40	45	H2	115306.813	ug/l	2.2	500000	
Ti	47	45	He	5.362	ug/l	84.0	5000	
V	51	45	He	4.608	ug/l	2.6	5000	
Cr	52	45	He	0.597	ug/l	42.4	20000	
Mn	55	45	He	922.762	ug/l	1.6	10000	
Fe	56	45	H2	12645.035	ug/l	1.5	500000	
Co	59	45	He	0.703	ug/l	13.1	2000	
Ni	60	45	He	23.167	ug/l	2.4	20000	
Cu	63	45	He	1.262	ug/l	7.0	20000	
Zn	66	45	He	-0.169	ug/l	N/A	20000	
As	75	45	He	15.820	ug/l	0.6	5000	
Se	78	45	H2	0.928	ug/l	51.4	2000	
Sr	88	115	He	1545.705	ug/l	1.9	5000	
Mo	95	115	He	11.916	ug/l	2.6	2000	
Ag	107	115	He	0.023	ug/l	63.2	100	
Cd	111	115	He	0.372	ug/l	68.6	5000	
Sn	118	115	He	0.101	ug/l	243.1	200	
Sb	121	45	He	0.496	ug/l	25.5	200	
Ba	137	159	He	271.867	ug/l	1.4	20000	
Tl	205	209	He	0.002	ug/l	74.2	1000	
[Pb]	206	209	He	0.997	ug/l	10.3		
[Pb]	207	209	He	0.943	ug/l	9.0		
Pb	208	209	He	1.012	ug/l	2.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2939991.38	0.7	76.3	60	125	
Sc (ISICPMS)	45	No Gas	3884735.22	0.2	78.6	60	125	
Sc (ISICPMS)	45	H2	1509050.27	0.5	73.6	60	125	
Sc (ISICPMS)	45	He	41142.30	0.4	69.7	60	125	
Ge (IS)	74	H2	308826.13	1.8	81.1	60	125	
Ge (IS)	74	He	25296.03	2.0	79.3	60	125	
Kr	83	He	43.38	35.3	108.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	72847.05	1.4	73.7	60	125	
Tb (IS)	159	He	472219.23	0.5	81.1	60	125	
Bi (IS)	209	He	410583.57	0.9	83.7	60	125	

Sample Report

File Name 163SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 15:36:50

Sample Name **460-254884-F-8-A**

Comment ---

Dilution **1.0000**

Vial # 4201

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.021	ug/l	53.8	2000	
B	11	6	No Gas	430.430	ug/l	2.5	500	
Na	23	45	He	161478.894	ug/l	0.8	500000	
Mg	24	45	He	4705.130	ug/l	1.2	500000	
Al	27	45	He	320.653	ug/l	1.8	200000	
K	39	45	He	2145.852	ug/l	3.3	500000	
Ca	40	45	H2	13367.128	ug/l	0.9	500000	
Ti	47	45	He	12.104	ug/l	40.7	5000	
V	51	45	He	15.716	ug/l	5.5	5000	
Cr	52	45	He	5.889	ug/l	5.5	20000	
Mn	55	45	He	3675.243	ug/l	0.7	10000	
Fe	56	45	H2	3197.170	ug/l	0.4	500000	
Co	59	45	He	4.752	ug/l	3.1	2000	
Ni	60	45	He	21.038	ug/l	3.0	20000	
Cu	63	45	He	7.416	ug/l	6.7	20000	
Zn	66	45	He	1.822	ug/l	27.0	20000	
As	75	45	He	4.806	ug/l	5.3	5000	
Se	78	45	H2	0.371	ug/l	61.4	2000	
Sr	88	115	He	59.570	ug/l	1.8	5000	
Mo	95	115	He	5.608	ug/l	7.9	2000	
Ag	107	115	He	0.041	ug/l	37.7	100	
Cd	111	115	He	0.439	ug/l	21.1	5000	
Sn	118	115	He	0.169	ug/l	48.6	200	
Sb	121	45	He	0.275	ug/l	3.8	200	
Ba	137	159	He	108.074	ug/l	1.8	20000	
Tl	205	209	He	0.024	ug/l	35.7	1000	
[Pb]	206	209	He	2.693	ug/l	5.4		
[Pb]	207	209	He	2.470	ug/l	10.1		
Pb	208	209	He	2.562	ug/l	5.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2937263.71	1.0	76.2	60	125	
Sc (ISICPMS)	45	No Gas	3743713.01	2.5	75.8	60	125	
Sc (ISICPMS)	45	H2	1539292.53	0.6	75.1	60	125	
Sc (ISICPMS)	45	He	41150.20	1.3	69.7	60	125	
Ge (IS)	74	H2	313014.07	0.3	82.2	60	125	
Ge (IS)	74	He	25737.19	2.0	80.7	60	125	
Kr	83	He	46.71	12.4	116.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	74590.76	0.8	75.5	60	125	
Tb (IS)	159	He	480505.45	0.8	82.5	60	125	
Bi (IS)	209	He	423958.27	1.3	86.4	60	125	

Sample Report

File Name 164SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 15:39:08

Sample Name **460-255397-D-2-A**

Comment ---

Dilution **1.0000**

Vial # 4202

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.649	ug/l	4.4	2000	
B	11	6	No Gas	24.646	ug/l	1.4	500	
Na	23	45	He	155637.462	ug/l	0.8	500000	
Mg	24	45	He	66908.795	ug/l	1.1	500000	
Al	27	45	He	59.363	ug/l	7.3	200000	
K	39	45	He	10142.995	ug/l	1.1	500000	
Ca	40	45	H2	115776.621	ug/l	2.4	500000	
Ti	47	45	He	3.793	ug/l	62.2	5000	
V	51	45	He	-0.027	ug/l	N/A	5000	
Cr	52	45	He	0.335	ug/l	48.8	20000	
Mn	55	45	He	759.580	ug/l	1.9	10000	
Fe	56	45	H2	9.761	ug/l	5.4	500000	
Co	59	45	He	0.537	ug/l	10.2	2000	
Ni	60	45	He	32.291	ug/l	3.3	20000	
Cu	63	45	He	1.464	ug/l	12.5	20000	
Zn	66	45	He	18.139	ug/l	7.4	20000	
As	75	45	He	0.324	ug/l	175.3	5000	
Se	78	45	H2	0.324	ug/l	18.4	2000	
Sr	88	115	He	1232.331	ug/l	0.4	5000	
Mo	95	115	He	0.137	ug/l	41.4	2000	
Ag	107	115	He	3.549	ug/l	2.9	100	
Cd	111	115	He	4.189	ug/l	13.4	5000	
Sn	118	115	He	0.127	ug/l	139.8	200	
Sb	121	45	He	0.077	ug/l	110.4	200	
Ba	137	159	He	798.049	ug/l	2.6	20000	
Tl	205	209	He	0.113	ug/l	8.4	1000	
[Pb]	206	209	He	0.109	ug/l	60.7		
[Pb]	207	209	He	0.084	ug/l	12.2		
Pb	208	209	He	0.091	ug/l	19.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2889033.05	0.4	75.0	60	125	
Sc (ISICPMS)	45	No Gas	3794692.42	1.5	76.8	60	125	
Sc (ISICPMS)	45	H2	1504453.34	2.2	73.4	60	125	
Sc (ISICPMS)	45	He	41902.43	1.6	71.0	60	125	
Ge (IS)	74	H2	304472.24	0.6	79.9	60	125	
Ge (IS)	74	He	25429.60	1.6	79.7	60	125	
Kr	83	He	33.37	45.8	83.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	73578.73	0.3	74.5	60	125	
Tb (IS)	159	He	478925.54	0.5	82.2	60	125	
Bi (IS)	209	He	414318.62	1.4	84.4	60	125	

Sample Report

File Name 165SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 15:41:25

Sample Name **460-255699-A-5-A**

Comment ---

Dilution **1.0000**

Vial # 2202

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.079	ug/l	1.6	2000	
B	11	6	No Gas	89.057	ug/l	1.8	500	
Na	23	45	He	1961.187	ug/l	0.6	500000	
Mg	24	45	He	3068.981	ug/l	1.6	500000	
Al	27	45	He	414.525	ug/l	0.5	200000	
K	39	45	He	797.169	ug/l	4.7	500000	
Ca	40	45	H2	65148.475	ug/l	1.8	500000	
Ti	47	45	He	39221.671	ug/l	1.1	5000	>LDR 6020B□>LDR 200.8
V	51	45	He	11.008	ug/l	5.9	5000	
Cr	52	45	He	13.404	ug/l	0.7	20000	
Mn	55	45	He	6296.787	ug/l	1.1	10000	
Fe	56	45	H2	627.515	ug/l	1.3	500000	
Co	59	45	He	15.415	ug/l	1.6	2000	
Ni	60	45	He	195.274	ug/l	1.1	20000	
Cu	63	45	He	22.746	ug/l	1.9	20000	
Zn	66	45	He	91.251	ug/l	2.8	20000	
As	75	45	He	50.685	ug/l	0.7	5000	
Se	78	45	H2	0.282	ug/l	0.8	2000	
Sr	88	115	He	590.205	ug/l	0.7	5000	
Mo	95	115	He	0.088	ug/l	69.4	2000	
Ag	107	115	He	0.107	ug/l	25.3	100	
Cd	111	115	He	0.312	ug/l	49.7	5000	
Sn	118	115	He	23.461	ug/l	0.9	200	
Sb	121	45	He	0.103	ug/l	51.4	200	
Ba	137	159	He	175.262	ug/l	1.3	20000	
Tl	205	209	He	0.034	ug/l	18.6	1000	
[Pb]	206	209	He	101.105	ug/l	1.4		
[Pb]	207	209	He	100.695	ug/l	2.1		
Pb	208	209	He	100.935	ug/l	1.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2976950.03	2.1	77.3	60	125	
Sc (ISICPMS)	45	No Gas	3843326.06	1.2	77.8	60	125	
Sc (ISICPMS)	45	H2	1522668.97	0.6	74.3	60	125	
Sc (ISICPMS)	45	He	40883.78	0.6	69.3	60	125	
Ge (IS)	74	H2	306484.07	1.1	80.5	60	125	
Ge (IS)	74	He	25135.43	1.2	78.8	60	125	
Kr	83	He	23.36	65.5	58.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	75013.49	0.7	75.9	60	125	
Tb (IS)	159	He	482792.18	0.1	82.9	60	125	
Bi (IS)	209	He	436882.93	1.3	89.0	60	125	

Sample Report

File Name 166SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 15:43:43

Sample Name **460-255699-A-6-A**

Comment ---

Dilution **1.0000**

Vial # 2203

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.107	ug/l	24.3	2000	
B	11	6	No Gas	92.459	ug/l	1.8	500	
Na	23	45	He	2474.976	ug/l	2.7	500000	
Mg	24	45	He	3138.698	ug/l	1.5	500000	
Al	27	45	He	325.369	ug/l	5.5	200000	
K	39	45	He	602.747	ug/l	6.3	500000	
Ca	40	45	H2	63988.579	ug/l	2.3	500000	
Ti	47	45	He	39224.160	ug/l	1.5	5000	>LDR 6020B□>LDR 200.8
V	51	45	He	9.458	ug/l	3.6	5000	
Cr	52	45	He	13.924	ug/l	3.0	20000	
Mn	55	45	He	5930.317	ug/l	1.1	10000	
Fe	56	45	H2	513.019	ug/l	2.3	500000	
Co	59	45	He	10.823	ug/l	2.7	2000	
Ni	60	45	He	175.437	ug/l	2.2	20000	
Cu	63	45	He	22.713	ug/l	4.7	20000	
Zn	66	45	He	75.348	ug/l	4.1	20000	
As	75	45	He	48.966	ug/l	3.0	5000	
Se	78	45	H2	0.188	ug/l	146.4	2000	
Sr	88	115	He	564.966	ug/l	0.9	5000	
Mo	95	115	He	0.092	ug/l	24.5	2000	
Ag	107	115	He	0.103	ug/l	18.0	100	
Cd	111	115	He	0.211	ug/l	10.7	5000	
Sn	118	115	He	23.393	ug/l	1.3	200	
Sb	121	45	He	0.123	ug/l	16.8	200	
Ba	137	159	He	133.739	ug/l	4.4	20000	
Tl	205	209	He	0.037	ug/l	25.9	1000	
[Pb]	206	209	He	104.205	ug/l	1.0		
[Pb]	207	209	He	102.541	ug/l	1.6		
Pb	208	209	He	103.511	ug/l	0.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2888517.35	1.4	75.0	60	125	
Sc (ISICPMS)	45	No Gas	3769142.58	1.3	76.3	60	125	
Sc (ISICPMS)	45	H2	1516895.88	0.9	74.0	60	125	
Sc (ISICPMS)	45	He	41271.65	1.4	69.9	60	125	
Ge (IS)	74	H2	308442.61	1.6	81.0	60	125	
Ge (IS)	74	He	25219.04	4.5	79.1	60	125	
Kr	83	He	23.36	65.5	58.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	75645.20	0.6	76.5	60	125	
Tb (IS)	159	He	483584.47	1.1	83.0	60	125	
Bi (IS)	209	He	430176.33	0.3	87.6	60	125	

Sample Report

File Name 167SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 15:46:02

Sample Name **460-255699-A-7-A**

Comment ---

Dilution **1.0000**

Vial # 2204

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.049	ug/l	62.7	2000	
B	11	6	No Gas	32.679	ug/l	1.1	500	
Na	23	45	He	55675.770	ug/l	1.0	500000	
Mg	24	45	He	5000.134	ug/l	1.2	500000	
Al	27	45	He	1293.948	ug/l	1.4	200000	
K	39	45	He	6611.583	ug/l	0.9	500000	
Ca	40	45	H2	33453.705	ug/l	2.2	500000	
Ti	47	45	He	42526.434	ug/l	0.2	5000	>LDR 6020B□>LDR 200.8
V	51	45	He	53.040	ug/l	0.6	5000	
Cr	52	45	He	2127.018	ug/l	0.9	20000	
Mn	55	45	He	2507.075	ug/l	1.3	10000	
Fe	56	45	H2	4250.027	ug/l	1.2	500000	
Co	59	45	He	59.651	ug/l	2.3	2000	
Ni	60	45	He	65.963	ug/l	0.9	20000	
Cu	63	45	He	153.333	ug/l	0.8	20000	
Zn	66	45	He	162.987	ug/l	0.4	20000	
As	75	45	He	1.535	ug/l	15.5	5000	
Se	78	45	H2	0.550	ug/l	70.5	2000	
Sr	88	115	He	114.372	ug/l	0.6	5000	
Mo	95	115	He	128.384	ug/l	0.7	2000	
Ag	107	115	He	10.516	ug/l	3.1	100	
Cd	111	115	He	3.035	ug/l	4.1	5000	
Sn	118	115	He	28.756	ug/l	0.9	200	
Sb	121	45	He	26.201	ug/l	1.6	200	
Ba	137	159	He	21.276	ug/l	11.3	20000	
Tl	205	209	He	0.054	ug/l	14.6	1000	
[Pb]	206	209	He	105.548	ug/l	0.7		
[Pb]	207	209	He	105.329	ug/l	1.5		
Pb	208	209	He	105.608	ug/l	1.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2921823.11	1.5	75.8	60	125	
Sc (ISICPMS)	45	No Gas	3710851.71	2.5	75.1	60	125	
Sc (ISICPMS)	45	H2	1516938.92	1.5	74.0	60	125	
Sc (ISICPMS)	45	He	40979.64	0.3	69.4	60	125	
Ge (IS)	74	H2	306379.79	1.6	80.4	60	125	
Ge (IS)	74	He	25088.66	1.5	78.6	60	125	
Kr	83	He	16.68	69.3	41.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	73422.93	1.0	74.3	60	125	
Tb (IS)	159	He	478203.40	0.4	82.1	60	125	
Bi (IS)	209	He	429442.93	1.1	87.5	60	125	

Sample Report

File Name 168SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 15:48:19

Sample Name **460-255699-A-8-A**

Comment ---

Dilution **1.0000**

Vial # 2205

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.022	ug/l	58.5	2000	
B	11	6	No Gas	29.400	ug/l	0.6	500	
Na	23	45	He	37223.110	ug/l	0.3	500000	
Mg	24	45	He	3088.233	ug/l	2.3	500000	
Al	27	45	He	3510.660	ug/l	1.6	200000	
K	39	45	He	4747.742	ug/l	1.3	500000	
Ca	40	45	H2	37840.286	ug/l	2.0	500000	
Ti	47	45	He	40123.837	ug/l	1.2	5000	>LDR 6020B□>LDR 200.8
V	51	45	He	43.384	ug/l	1.1	5000	
Cr	52	45	He	9346.636	ug/l	0.1	20000	
Mn	55	45	He	3350.355	ug/l	0.4	10000	
Fe	56	45	H2	2971.213	ug/l	0.6	500000	
Co	59	45	He	50.842	ug/l	2.6	2000	
Ni	60	45	He	134.001	ug/l	1.3	20000	
Cu	63	45	He	806.631	ug/l	1.4	20000	
Zn	66	45	He	190.371	ug/l	4.3	20000	
As	75	45	He	0.584	ug/l	28.2	5000	
Se	78	45	H2	0.022	ug/l	299.4	2000	
Sr	88	115	He	69.434	ug/l	3.4	5000	
Mo	95	115	He	56.034	ug/l	2.2	2000	
Ag	107	115	He	18.578	ug/l	1.1	100	
Cd	111	115	He	7.552	ug/l	4.1	5000	
Sn	118	115	He	20.041	ug/l	1.1	200	
Sb	121	45	He	13.035	ug/l	2.4	200	
Ba	137	159	He	25.088	ug/l	13.6	20000	
Tl	205	209	He	0.072	ug/l	16.7	1000	
[Pb]	206	209	He	138.170	ug/l	2.7		
[Pb]	207	209	He	136.401	ug/l	2.5		
Pb	208	209	He	137.908	ug/l	2.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2888384.40	1.1	75.0	60	125	
Sc (ISICPMS)	45	No Gas	3675631.28	1.8	74.4	60	125	
Sc (ISICPMS)	45	H2	1493402.06	1.5	72.9	60	125	
Sc (ISICPMS)	45	He	40548.41	1.1	68.7	60	125	
Ge (IS)	74	H2	300900.81	1.5	79.0	60	125	
Ge (IS)	74	He	24486.95	0.8	76.8	60	125	
Kr	83	He	36.70	15.7	91.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	73431.32	1.1	74.3	60	125	
Tb (IS)	159	He	475023.83	0.8	81.5	60	125	
Bi (IS)	209	He	428780.41	1.3	87.4	60	125	

Sample Report

File Name 169SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 15:50:34

Sample Name **460-255599-A-5-A**

Comment ---

Dilution **1.0000**

Vial # 2206

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	2.144	ug/l	1.8	2000	
B	11	6	No Gas	13.292	ug/l	2.3	500	
Na	23	45	He	182.247	ug/l	5.5	500000	
Mg	24	45	He	2539.990	ug/l	1.8	500000	
Al	27	45	He	59059.719	ug/l	0.8	200000	
K	39	45	He	871.369	ug/l	2.4	500000	
Ca	40	45	H2	5441.551	ug/l	2.4	500000	
Ti	47	45	He	553.586	ug/l	2.3	5000	
V	51	45	He	100.452	ug/l	0.9	5000	
Cr	52	45	He	142.894	ug/l	0.8	20000	
Mn	55	45	He	155.939	ug/l	1.6	10000	
Fe	56	45	H2	214928.467	ug/l	1.7	500000	
Co	59	45	He	12.462	ug/l	1.6	2000	
Ni	60	45	He	25.928	ug/l	2.7	20000	
Cu	63	45	He	40.673	ug/l	1.2	20000	
Zn	66	45	He	101.126	ug/l	0.2	20000	
As	75	45	He	53.005	ug/l	2.9	5000	
Se	78	45	H2	1.522	ug/l	23.3	2000	
Sr	88	115	He	20.148	ug/l	4.4	5000	
Mo	95	115	He	7.930	ug/l	4.3	2000	
Ag	107	115	He	0.070	ug/l	29.4	100	
Cd	111	115	He	2.471	ug/l	14.0	5000	
Sn	118	115	He	2.057	ug/l	5.9	200	
Sb	121	45	He	0.678	ug/l	8.6	200	
Ba	137	159	He	99.565	ug/l	5.8	20000	
Tl	205	209	He	0.216	ug/l	3.5	1000	
[Pb]	206	209	He	58.714	ug/l	0.2		
[Pb]	207	209	He	57.709	ug/l	2.1		
Pb	208	209	He	57.991	ug/l	0.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2883285.41	2.0	74.8	60	125	
Sc (ISICPMS)	45	No Gas	3759492.07	2.2	76.1	60	125	
Sc (ISICPMS)	45	H2	1505737.04	1.8	73.5	60	125	
Sc (ISICPMS)	45	He	40805.75	0.5	69.1	60	125	
Ge (IS)	74	H2	296087.09	1.4	77.7	60	125	
Ge (IS)	74	He	23758.35	1.9	74.5	60	125	
Kr	83	He	26.69	43.3	66.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	73124.21	0.7	74.0	60	125	
Tb (IS)	159	He	479033.78	0.8	82.2	60	125	
Bi (IS)	209	He	422384.11	0.2	86.1	60	125	

Sample Report

File Name 170SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 15:52:53

Sample Name **460-255599-A-8-A**

Comment ---

Dilution **1.0000**

Vial # 2207

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.188	ug/l	7.9	2000	
B	11	6	No Gas	10.689	ug/l	5.1	500	
Na	23	45	He	420.287	ug/l	1.1	500000	
Mg	24	45	He	2270.475	ug/l	2.5	500000	
Al	27	45	He	5884.107	ug/l	0.5	200000	
K	39	45	He	350.661	ug/l	2.8	500000	
Ca	40	45	H2	5285.597	ug/l	2.5	500000	
Ti	47	45	He	387.640	ug/l	3.7	5000	
V	51	45	He	19.424	ug/l	2.6	5000	
Cr	52	45	He	61.059	ug/l	1.5	20000	
Mn	55	45	He	110.737	ug/l	3.6	10000	
Fe	56	45	H2	20412.459	ug/l	3.2	500000	
Co	59	45	He	2.422	ug/l	4.8	2000	
Ni	60	45	He	9.943	ug/l	2.4	20000	
Cu	63	45	He	19.139	ug/l	2.4	20000	
Zn	66	45	He	84.398	ug/l	2.5	20000	
As	75	45	He	6.258	ug/l	4.0	5000	
Se	78	45	H2	0.529	ug/l	51.7	2000	
Sr	88	115	He	14.535	ug/l	5.7	5000	
Mo	95	115	He	2.633	ug/l	9.1	2000	
Ag	107	115	He	0.201	ug/l	5.3	100	
Cd	111	115	He	2.396	ug/l	7.7	5000	
Sn	118	115	He	14.752	ug/l	5.2	200	
Sb	121	45	He	0.854	ug/l	2.3	200	
Ba	137	159	He	72.149	ug/l	2.5	20000	
Tl	205	209	He	0.108	ug/l	30.2	1000	
[Pb]	206	209	He	109.053	ug/l	0.8		
[Pb]	207	209	He	105.640	ug/l	1.7		
Pb	208	209	He	107.449	ug/l	0.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2905521.14	3.0	75.4	60	125	
Sc (ISICPMS)	45	No Gas	3773914.43	2.5	76.4	60	125	
Sc (ISICPMS)	45	H2	1476520.31	2.3	72.1	60	125	
Sc (ISICPMS)	45	He	40487.15	1.4	68.6	60	125	
Ge (IS)	74	H2	296865.79	0.4	77.9	60	125	
Ge (IS)	74	He	24370.06	1.0	76.4	60	125	
Kr	83	He	40.04	86.6	100.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	73909.73	1.0	74.8	60	125	
Tb (IS)	159	He	475239.01	0.4	81.6	60	125	
Bi (IS)	209	He	428193.63	0.3	87.2	60	125	

Sample Report

File Name 171SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 15:55:12

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.006	ug/l	138.4	2000	
B	11	6	No Gas	3.017	ug/l	4.8	500	
Na	23	45	He	51.518	ug/l	23.1	500000	
Mg	24	45	He	1.007	ug/l	125.3	500000	
Al	27	45	He	1.052	ug/l	132.8	200000	
K	39	45	He	18.002	ug/l	43.4	500000	
Ca	40	45	H2	1.596	ug/l	33.3	500000	
Ti	47	45	He	1.121	ug/l	102.9	5000	
V	51	45	He	-0.549	ug/l	N/A	5000	
Cr	52	45	He	-0.091	ug/l	N/A	20000	
Mn	55	45	He	0.145	ug/l	104.0	10000	
Fe	56	45	H2	0.253	ug/l	95.8	500000	
Co	59	45	He	-0.004	ug/l	N/A	2000	
Ni	60	45	He	0.396	ug/l	35.3	20000	
Cu	63	45	He	-0.043	ug/l	N/A	20000	
Zn	66	45	He	-1.484	ug/l	N/A	20000	
As	75	45	He	0.070	ug/l	44.9	5000	
Se	78	45	H2	0.058	ug/l	102.8	2000	
Sr	88	115	He	0.017	ug/l	6.2	5000	
Mo	95	115	He	0.012	ug/l	230.0	2000	
Ag	107	115	He	-0.003	ug/l	N/A	100	
Cd	111	115	He	0.013	ug/l	173.2	5000	
Sn	118	115	He	-0.110	ug/l	N/A	200	
Sb	121	45	He	-0.065	ug/l	N/A	200	
Ba	137	159	He	0.524	ug/l	16.1	20000	
Tl	205	209	He	-0.016	ug/l	N/A	1000	
[Pb]	206	209	He	-0.122	ug/l	N/A		
[Pb]	207	209	He	-0.106	ug/l	N/A		
Pb	208	209	He	-0.116	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2925486.55	1.1	75.9	60	125	
Sc (ISICPMS)	45	No Gas	3722420.34	2.1	75.3	60	125	
Sc (ISICPMS)	45	H2	1519362.91	2.1	74.1	60	125	
Sc (ISICPMS)	45	He	40576.33	1.2	68.8	60	125	
Ge (IS)	74	H2	283264.99	2.0	74.4	60	125	
Ge (IS)	74	He	22742.17	2.7	71.3	60	125	
Kr	83	He	16.68	91.7	41.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	73657.62	1.6	74.5	60	125	
Tb (IS)	159	He	478392.11	1.2	82.1	60	125	
Bi (IS)	209	He	429508.15	1.5	87.5	60	125	

Continuing Calibration Verification (CCV)

File Name 172_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 15:57:36

Sample Name **CCV 9767647**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	100.809	ug/l	0.9	100	90	110	
B	11	6	No Gas	246.893	ug/l	3.0	250	225	275	
Na	23	45	He	26473.004	ug/l	1.9	25000	22500	27500	
Mg	24	45	He	26333.051	ug/l	0.9	25000	22500	27500	
Al	27	45	He	25201.185	ug/l	0.3	25000	22500	27500	
K	39	45	He	24650.634	ug/l	0.6	25000	22500	27500	
Ca	40	45	H2	24547.139	ug/l	1.8	25000	22500	27500	
Ti	47	45	He	103.223	ug/l	8.7	100	90	110	
V	51	45	He	101.055	ug/l	1.2	100	90	110	
Cr	52	45	He	102.960	ug/l	1.0	100	90	110	
Mn	55	45	He	102.980	ug/l	1.0	100	90	110	
Fe	56	45	H2	25274.297	ug/l	1.8	25000	22500	27500	
Co	59	45	He	101.836	ug/l	1.9	100	90	110	
Ni	60	45	He	102.616	ug/l	1.6	100	90	110	
Cu	63	45	He	102.572	ug/l	2.1	100	90	110	
Zn	66	45	He	263.736	ug/l	2.2	250	225	275	
As	75	45	He	101.753	ug/l	2.5	100	90	110	
Se	78	45	H2	101.805	ug/l	0.7	100	90	110	
Sr	88	115	He	92.899	ug/l	1.5	100	90	110	
Mo	95	115	He	100.841	ug/l	4.2	100	90	110	
Ag	107	115	He	51.531	ug/l	1.0	50	45	55	
Cd	111	115	He	104.959	ug/l	3.7	100	90	110	
Sn	118	115	He	104.078	ug/l	1.3	100	90	110	
Sb	121	45	He	111.991	ug/l	1.5	100	90	110	failed
Ba	137	159	He	93.015	ug/l	1.4	100	90	110	
Tl	205	209	He	100.279	ug/l	0.5	100	90	110	
[Pb]	206	209	He	100.201	ug/l	1.1				
[Pb]	207	209	He	99.808	ug/l	1.1				
Pb	208	209	He	99.624	ug/l	0.5	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	2862612.84	1.2	74.3	60	125	
Sc (ISICPMS)	45	No Gas	3693475.43	2.0	74.8	60	125	
Sc (ISICPMS)	45	H2	1502581.57	1.4	73.3	60	125	
Sc (ISICPMS)	45	He	40278.69	0.8	68.3	60	125	
Ge (IS)	74	H2	288926.59	0.5	75.9	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Ge (IS)	74	He	23691.39	0.3	74.3	60	125	
Kr	83	He	23.36	24.7	58.3			
In-1	115	He	72730.59	0.7	73.6	60	125	
Tb (IS)	159	He	474059.25	0.1	81.4	60	125	
Bi (IS)	209	He	420268.61	0.7	85.6	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 173_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 15:59:53

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.017	ug/l	30.9	0.8	-0.8	0.8	
B	11	6	No Gas	5.516	ug/l	3.0	40	-40	40	
Na	23	45	He	56.994	ug/l	8.4	500	-500	500	
Mg	24	45	He	0.775	ug/l	71.6	200	-200	200	
Al	27	45	He	0.601	ug/l	145.6	40	-40	40	
K	39	45	He	18.499	ug/l	110.0	200	-200	200	
Ca	40	45	H2	1.825	ug/l	42.3	500	-500	500	
Ti	47	45	He	0.105	ug/l	555.7	4	-4	4	
V	51	45	He	-0.452	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.114	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.118	ug/l	61.0	8	-8	8	
Fe	56	45	H2	0.608	ug/l	64.9	60	-60	60	
Co	59	45	He	0.006	ug/l	199.3	4	-4	4	
Ni	60	45	He	0.203	ug/l	58.5	4	-4	4	
Cu	63	45	He	0.021	ug/l	96.5	4	-4	4	
Zn	66	45	He	-1.972	ug/l	N/A	16	-16	16	
As	75	45	He	0.031	ug/l	182.5	2	-2	2	
Se	78	45	H2	-0.037	ug/l	N/A	2.5	-2.5	2.5	
Sr	88	115	He	-0.006	ug/l	N/A	4	-4	4	
Mo	95	115	He	0.001	ug/l	715.7	4	-4	4	
Ag	107	115	He	-0.007	ug/l	N/A	2	-2	2	
Cd	111	115	He	0.000	ug/l	N/A	2	-2	2	
Sn	118	115	He	0.004	ug/l	4620.3	16	-16	16	
Sb	121	74	He	-0.150	ug/l	N/A	2	-2	2	
Ba	137	159	He	0.525	ug/l	16.3	4	-4	4	
Tl	205	209	He	0.007	ug/l	86.2	0.8	-0.8	0.8	
[Pb]	206	209	He	-0.105	ug/l	N/A				
[Pb]	207	209	He	-0.107	ug/l	N/A				
Pb	208	209	He	-0.113	ug/l	N/A	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3035687.04	3.6	78.8	60	125	
Sc (ISICPMS)	45	No Gas	3811006.13	1.5	77.1	60	125	
Sc (ISICPMS)	45	H2	1499512.16	3.5	73.2	60	125	
Sc (ISICPMS)	45	He	40794.60	0.3	69.1	60	125	
Ge (IS)	74	H2	284517.05	1.0	74.7	60	125	
Ge (IS)	74	He	23307.06	1.6	73.1	60	125	
Kr	83	He	20.02	100.0	50.0			
In-1	115	He	74763.47	1.5	75.7	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Tb (IS)	159	He	475917.47	0.8	81.7	60	125	
Bi (IS)	209	He	432219.54	0.9	88.1	60	125	

Sample Report

File Name 174SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 16:02:23

Sample Name **460-255608-F-3-A**

Comment ---

Dilution **1.0000**

Vial # 4301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.645	ug/l	2.1	2000	
B	11	6	No Gas	821.000	ug/l	2.9	500	>LDR 6020B
Na	23	45	He	167056.670	ug/l	1.4	500000	
Mg	24	45	He	42216.525	ug/l	1.4	500000	
Al	27	45	He	1361.213	ug/l	3.3	200000	
K	39	45	He	21084.288	ug/l	0.8	500000	
Ca	40	45	H2	370796.379	ug/l	1.1	500000	
Ti	47	45	He	0.458	ug/l	31.8	5000	
V	51	45	He	-0.487	ug/l	N/A	5000	
Cr	52	45	He	0.634	ug/l	17.7	20000	
Mn	55	45	He	1863.236	ug/l	1.7	10000	
Fe	56	45	H2	261874.891	ug/l	1.5	500000	
Co	59	45	He	23.241	ug/l	2.0	2000	
Ni	60	45	He	279.448	ug/l	2.4	20000	
Cu	63	45	He	2.610	ug/l	3.3	20000	
Zn	66	45	He	208.163	ug/l	3.2	20000	
As	75	45	He	0.543	ug/l	41.7	5000	
Se	78	45	H2	0.581	ug/l	11.0	2000	
Sr	88	115	He	2632.394	ug/l	1.4	5000	
Mo	95	115	He	0.457	ug/l	24.8	2000	
Ag	107	115	He	0.009	ug/l	22.9	100	
Cd	111	115	He	0.318	ug/l	20.3	5000	
Sn	118	115	He	-0.017	ug/l	N/A	200	
Sb	121	74	He	-0.097	ug/l	N/A	200	
Ba	137	159	He	38.190	ug/l	5.7	20000	
Tl	205	209	He	0.689	ug/l	2.0	1000	
[Pb]	206	209	He	0.145	ug/l	21.6		
[Pb]	207	209	He	0.092	ug/l	38.6		
Pb	208	209	He	0.114	ug/l	28.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2821581.42	0.6	73.2	60	125	
Sc (ISICPMS)	45	No Gas	3612481.81	1.1	73.1	60	125	
Sc (ISICPMS)	45	H2	1441021.37	1.0	70.3	60	125	
Sc (ISICPMS)	45	He	39686.95	0.9	67.2	60	125	
Ge (IS)	74	H2	293273.04	0.7	77.0	60	125	
Ge (IS)	74	He	24570.62	1.2	77.0	60	125	
Kr	83	He	30.03	88.2	75.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	70645.45	1.5	71.5	60	125	
Tb (IS)	159	He	466096.84	1.1	80.0	60	125	
Bi (IS)	209	He	407483.59	0.2	83.0	60	125	

Sample Report

File Name 175SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 16:04:43

Sample Name **460-255608-A-11-A**

Comment ---

Dilution **1.0000**

Vial # 4302

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.054	ug/l	24.5	2000	
B	11	6	No Gas	198.409	ug/l	2.1	500	
Na	23	45	He	45120.851	ug/l	0.6	500000	
Mg	24	45	He	17137.460	ug/l	0.6	500000	
Al	27	45	He	382.028	ug/l	9.2	200000	
K	39	45	He	7887.026	ug/l	0.6	500000	
Ca	40	45	H2	62237.871	ug/l	1.5	500000	
Ti	47	45	He	25.423	ug/l	19.2	5000	
V	51	45	He	0.733	ug/l	40.4	5000	
Cr	52	45	He	1.313	ug/l	36.4	20000	
Mn	55	45	He	345.702	ug/l	1.4	10000	
Fe	56	45	H2	29081.041	ug/l	2.9	500000	
Co	59	45	He	1.531	ug/l	15.0	2000	
Ni	60	45	He	4.555	ug/l	11.3	20000	
Cu	63	45	He	57.589	ug/l	1.1	20000	
Zn	66	45	He	57.405	ug/l	2.3	20000	
As	75	45	He	2.628	ug/l	15.3	5000	
Se	78	45	H2	0.173	ug/l	87.4	2000	
Sr	88	115	He	392.810	ug/l	1.0	5000	
Mo	95	115	He	11.978	ug/l	3.5	2000	
Ag	107	115	He	0.059	ug/l	19.9	100	
Cd	111	115	He	0.235	ug/l	16.3	5000	
Sn	118	115	He	5.597	ug/l	13.4	200	
Sb	121	74	He	0.310	ug/l	17.4	200	
Ba	137	159	He	362.436	ug/l	1.7	20000	
Tl	205	209	He	0.005	ug/l	66.7	1000	
[Pb]	206	209	He	43.401	ug/l	2.9		
[Pb]	207	209	He	43.363	ug/l	1.6		
Pb	208	209	He	43.428	ug/l	1.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2863006.31	2.1	74.3	60	125	
Sc (ISICPMS)	45	No Gas	3705538.66	0.8	75.0	60	125	
Sc (ISICPMS)	45	H2	1503829.42	1.9	73.4	60	125	
Sc (ISICPMS)	45	He	39845.22	0.7	67.5	60	125	
Ge (IS)	74	H2	304685.17	1.2	80.0	60	125	
Ge (IS)	74	He	24777.78	1.1	77.7	60	125	
Kr	83	He	13.35	43.3	33.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	71662.25	0.8	72.5	60	125	
Tb (IS)	159	He	467785.31	0.5	80.3	60	125	
Bi (IS)	209	He	423413.29	1.1	86.3	60	125	

Sample Report

File Name 176SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 16:07:01

Sample Name **pds 460-255712-F-5-A**

Comment ---

Dilution **1.0000**

Vial # 3403

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	26.803	ug/l	0.9	2000	
B	11	6	No Gas	633.834	ug/l	0.5	500	>LDR 6020B
Na	23	45	He	126975.501	ug/l	0.8	500000	
Mg	24	45	He	3957.393	ug/l	1.4	500000	
Al	27	45	He	2778.475	ug/l	1.7	200000	
K	39	45	He	31845.115	ug/l	1.5	500000	
Ca	40	45	H2	47972.867	ug/l	1.2	500000	
Ti	47	45	He	57.705	ug/l	9.2	5000	
V	51	45	He	61.827	ug/l	1.0	5000	
Cr	52	45	He	59.352	ug/l	1.0	20000	
Mn	55	45	He	285.086	ug/l	3.1	10000	
Fe	56	45	H2	2901.470	ug/l	1.8	500000	
Co	59	45	He	29.238	ug/l	2.1	2000	
Ni	60	45	He	61.179	ug/l	5.6	20000	
Cu	63	45	He	66.688	ug/l	0.8	20000	
Zn	66	45	He	294.834	ug/l	0.6	20000	
As	75	45	He	63.520	ug/l	1.7	5000	
Se	78	45	H2	56.928	ug/l	2.6	2000	
Sr	88	115	He	1180.410	ug/l	2.4	5000	
Mo	95	115	He	185.468	ug/l	0.4	2000	
Ag	107	115	He	24.858	ug/l	4.7	100	
Cd	111	115	He	28.292	ug/l	6.6	5000	
Sn	118	115	He	57.894	ug/l	2.3	200	
Sb	121	74	He	50.310	ug/l	2.3	200	
Ba	137	159	He	76.390	ug/l	2.8	20000	
Tl	205	209	He	22.128	ug/l	0.5	1000	
[Pb]	206	209	He	28.133	ug/l	1.7		
[Pb]	207	209	He	27.891	ug/l	0.4		
Pb	208	209	He	27.898	ug/l	0.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2919175.23	1.0	75.8	60	125	
Sc (ISICPMS)	45	No Gas	3827266.40	0.6	77.5	60	125	
Sc (ISICPMS)	45	H2	1488001.92	1.6	72.6	60	125	
Sc (ISICPMS)	45	He	41178.00	1.0	69.8	60	125	
Ge (IS)	74	H2	296328.80	0.6	77.8	60	125	
Ge (IS)	74	He	25118.70	2.1	78.7	60	125	
Kr	83	He	26.69	114.6	66.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	73867.18	2.2	74.8	60	125	
Tb (IS)	159	He	477921.42	0.6	82.0	60	125	
Bi (IS)	209	He	426621.60	0.5	86.9	60	125	

Sample Report

File Name 177SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 16:09:19

Sample Name **460-255712-F-5-B MS**

Comment ---

Dilution **1.0000**

Vial # 3404

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	26.198	ug/l	1.5	2000	
B	11	6	No Gas	611.214	ug/l	2.2	500	>LDR 6020B
Na	23	45	He	126908.589	ug/l	0.8	500000	
Mg	24	45	He	3822.657	ug/l	0.8	500000	
Al	27	45	He	2626.833	ug/l	2.0	200000	
K	39	45	He	31570.253	ug/l	0.5	500000	
Ca	40	45	H2	46787.385	ug/l	0.8	500000	
Ti	47	45	He	60.065	ug/l	12.1	5000	
V	51	45	He	56.529	ug/l	0.8	5000	
Cr	52	45	He	55.541	ug/l	0.8	20000	
Mn	55	45	He	272.511	ug/l	0.9	10000	
Fe	56	45	H2	2673.057	ug/l	3.2	500000	
Co	59	45	He	27.058	ug/l	3.0	2000	
Ni	60	45	He	58.053	ug/l	1.4	20000	
Cu	63	45	He	62.685	ug/l	2.4	20000	
Zn	66	45	He	271.259	ug/l	0.2	20000	
As	75	45	He	60.105	ug/l	1.8	5000	
Se	78	45	H2	53.304	ug/l	1.9	2000	
Sr	88	115	He	1164.962	ug/l	1.2	5000	
Mo	95	115	He	181.012	ug/l	1.3	2000	
Ag	107	115	He	25.954	ug/l	0.8	100	
Cd	111	115	He	26.202	ug/l	0.3	5000	
Sn	118	115	He	53.650	ug/l	2.8	200	
Sb	121	74	He	50.157	ug/l	1.9	200	
Ba	137	159	He	74.517	ug/l	1.3	20000	
Tl	205	209	He	20.713	ug/l	2.6	1000	
[Pb]	206	209	He	26.058	ug/l	2.8		
[Pb]	207	209	He	26.240	ug/l	1.3		
Pb	208	209	He	26.240	ug/l	1.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2865292.60	0.7	74.4	60	125	
Sc (ISICPMS)	45	No Gas	3768668.12	2.1	76.3	60	125	
Sc (ISICPMS)	45	H2	1513396.23	2.8	73.9	60	125	
Sc (ISICPMS)	45	He	40838.14	0.9	69.2	60	125	
Ge (IS)	74	H2	293553.71	1.2	77.1	60	125	
Ge (IS)	74	He	24727.70	0.7	77.5	60	125	
Kr	83	He	46.71	32.7	116.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	74248.98	0.7	75.1	60	125	
Tb (IS)	159	He	475940.05	0.3	81.7	60	125	
Bi (IS)	209	He	424361.18	1.3	86.5	60	125	

Sample Report

File Name 178SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 16:11:37

Sample Name **460-255712-B-5-A DU**

Comment ---

Dilution **1.0000**

Vial # 3405

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.040	ug/l	61.6	2000	
B	11	6	No Gas	123.657	ug/l	3.0	500	
Na	23	45	He	126370.387	ug/l	1.7	500000	
Mg	24	45	He	1155.224	ug/l	2.0	500000	
Al	27	45	He	53.296	ug/l	9.7	200000	
K	39	45	He	29561.775	ug/l	1.1	500000	
Ca	40	45	H2	45896.013	ug/l	3.1	500000	
Ti	47	45	He	2.653	ug/l	55.4	5000	
V	51	45	He	5.535	ug/l	1.1	5000	
Cr	52	45	He	1.605	ug/l	22.9	20000	
Mn	55	45	He	1.174	ug/l	7.5	10000	
Fe	56	45	H2	13.619	ug/l	4.3	500000	
Co	59	45	He	0.922	ug/l	7.5	2000	
Ni	60	45	He	3.964	ug/l	7.5	20000	
Cu	63	45	He	9.915	ug/l	2.3	20000	
Zn	66	45	He	-0.547	ug/l	N/A	20000	
As	75	45	He	8.502	ug/l	9.2	5000	
Se	78	45	H2	0.657	ug/l	57.5	2000	
Sr	88	115	He	1117.013	ug/l	0.9	5000	
Mo	95	115	He	129.118	ug/l	0.7	2000	
Ag	107	115	He	0.027	ug/l	22.2	100	
Cd	111	115	He	0.113	ug/l	34.3	5000	
Sn	118	115	He	-0.007	ug/l	N/A	200	
Sb	121	74	He	20.438	ug/l	3.7	200	
Ba	137	159	He	26.279	ug/l	5.5	20000	
Tl	205	209	He	0.008	ug/l	58.9	1000	
[Pb]	206	209	He	-0.009	ug/l	N/A		
[Pb]	207	209	He	-0.060	ug/l	N/A		
Pb	208	209	He	-0.042	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2929144.64	2.3	76.0	60	125	
Sc (ISICPMS)	45	No Gas	3812075.43	0.4	77.2	60	125	
Sc (ISICPMS)	45	H2	1487987.58	3.5	72.6	60	125	
Sc (ISICPMS)	45	He	41424.31	1.8	70.2	60	125	
Ge (IS)	74	H2	295593.30	0.7	77.6	60	125	
Ge (IS)	74	He	25061.91	4.0	78.6	60	125	
Kr	83	He	40.04	75.0	100.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	75063.98	1.2	76.0	60	125	
Tb (IS)	159	He	480728.08	1.7	82.5	60	125	
Bi (IS)	209	He	427471.38	0.7	87.1	60	125	

Sample Report

File Name 179SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 16:13:55

Sample Name **460-255712-F-5-A**

Comment ---

Dilution **1.0000**

Vial # 3406

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.011	ug/l	74.9	2000	
B	11	6	No Gas	116.500	ug/l	2.2	500	
Na	23	45	He	127403.474	ug/l	2.0	500000	
Mg	24	45	He	1153.344	ug/l	0.6	500000	
Al	27	45	He	54.300	ug/l	8.5	200000	
K	39	45	He	29544.111	ug/l	0.1	500000	
Ca	40	45	H2	44908.681	ug/l	0.9	500000	
Ti	47	45	He	5.271	ug/l	30.8	5000	
V	51	45	He	5.345	ug/l	10.8	5000	
Cr	52	45	He	1.764	ug/l	12.7	20000	
Mn	55	45	He	1.163	ug/l	19.9	10000	
Fe	56	45	H2	12.961	ug/l	4.3	500000	
Co	59	45	He	0.974	ug/l	8.5	2000	
Ni	60	45	He	3.948	ug/l	4.1	20000	
Cu	63	45	He	9.701	ug/l	1.0	20000	
Zn	66	45	He	-0.556	ug/l	N/A	20000	
As	75	45	He	7.948	ug/l	7.9	5000	
Se	78	45	H2	0.414	ug/l	18.5	2000	
Sr	88	115	He	1130.547	ug/l	1.4	5000	
Mo	95	115	He	129.974	ug/l	0.5	2000	
Ag	107	115	He	0.034	ug/l	35.3	100	
Cd	111	115	He	0.250	ug/l	87.8	5000	
Sn	118	115	He	-0.103	ug/l	N/A	200	
Sb	121	74	He	20.654	ug/l	2.7	200	
Ba	137	159	He	26.324	ug/l	5.8	20000	
Tl	205	209	He	-0.002	ug/l	N/A	1000	
[Pb]	206	209	He	-0.069	ug/l	N/A		
[Pb]	207	209	He	-0.062	ug/l	N/A		
Pb	208	209	He	-0.063	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2939050.24	2.0	76.3	60	125	
Sc (ISICPMS)	45	No Gas	3876922.46	1.9	78.5	60	125	
Sc (ISICPMS)	45	H2	1524720.03	2.9	74.4	60	125	
Sc (ISICPMS)	45	He	41080.97	0.4	69.6	60	125	
Ge (IS)	74	H2	301496.46	1.8	79.2	60	125	
Ge (IS)	74	He	25135.64	2.2	78.8	60	125	
Kr	83	He	26.69	78.1	66.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	74685.27	0.5	75.6	60	125	
Tb (IS)	159	He	483148.32	0.7	82.9	60	125	
Bi (IS)	209	He	429863.14	1.5	87.6	60	125	

Sample Report

File Name 180SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 16:16:14

Sample Name **sd 460-255712-F-5-A@5**

Comment ---

Dilution **1.0000**

Vial # 3407

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.012	ug/l	162.7	2000	
B	11	6	No Gas	29.060	ug/l	3.4	500	
Na	23	45	He	26179.209	ug/l	3.1	500000	
Mg	24	45	He	236.070	ug/l	2.3	500000	
Al	27	45	He	19.622	ug/l	16.7	200000	
K	39	45	He	6056.414	ug/l	3.3	500000	
Ca	40	45	H2	8937.055	ug/l	1.4	500000	
Ti	47	45	He	1.433	ug/l	35.6	5000	
V	51	45	He	0.944	ug/l	24.0	5000	
Cr	52	45	He	0.191	ug/l	171.0	20000	
Mn	55	45	He	0.499	ug/l	20.2	10000	
Fe	56	45	H2	34.645	ug/l	1.4	500000	
Co	59	45	He	0.210	ug/l	14.2	2000	
Ni	60	45	He	4.530	ug/l	12.7	20000	
Cu	63	45	He	3.900	ug/l	1.9	20000	
Zn	66	45	He	-0.419	ug/l	N/A	20000	
As	75	45	He	2.221	ug/l	10.0	5000	
Se	78	45	H2	0.224	ug/l	67.5	2000	
Sr	88	115	He	229.366	ug/l	0.9	5000	
Mo	95	115	He	26.312	ug/l	2.3	2000	
Ag	107	115	He	0.006	ug/l	196.5	100	
Cd	111	115	He	0.038	ug/l	99.5	5000	
Sn	118	115	He	0.201	ug/l	55.3	200	
Sb	121	74	He	4.049	ug/l	0.7	200	
Ba	137	159	He	5.377	ug/l	25.8	20000	
Tl	205	209	He	-0.006	ug/l	N/A	1000	
[Pb]	206	209	He	-0.127	ug/l	N/A		
[Pb]	207	209	He	-0.132	ug/l	N/A		
Pb	208	209	He	-0.114	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2945558.32	1.3	76.4	60	125	
Sc (ISICPMS)	45	No Gas	3754519.75	1.6	76.0	60	125	
Sc (ISICPMS)	45	H2	1535821.52	1.8	75.0	60	125	
Sc (ISICPMS)	45	He	41142.37	2.1	69.7	60	125	
Ge (IS)	74	H2	301342.53	0.8	79.1	60	125	
Ge (IS)	74	He	24359.79	1.4	76.4	60	125	
Kr	83	He	26.69	43.3	66.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	73652.26	0.9	74.5	60	125	
Tb (IS)	159	He	479104.60	1.9	82.2	60	125	
Bi (IS)	209	He	435419.17	0.5	88.7	60	125	

Sample Report

File Name 181SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 16:18:33

Sample Name **460-255712-F-2-A**

Comment ---

Dilution **1.0000**

Vial # 3503

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.006	ug/l	96.0	2000	
B	11	6	No Gas	139.244	ug/l	1.5	500	
Na	23	45	He	265208.954	ug/l	2.2	500000	
Mg	24	45	He	28514.433	ug/l	1.3	500000	
Al	27	45	He	57.352	ug/l	9.8	200000	
K	39	45	He	7531.566	ug/l	1.7	500000	
Ca	40	45	H2	110172.254	ug/l	1.9	500000	
Ti	47	45	He	4.134	ug/l	40.1	5000	
V	51	45	He	-0.259	ug/l	N/A	5000	
Cr	52	45	He	0.108	ug/l	202.9	20000	
Mn	55	45	He	5044.113	ug/l	2.0	10000	
Fe	56	45	H2	108093.555	ug/l	2.8	500000	
Co	59	45	He	64.456	ug/l	1.0	2000	
Ni	60	45	He	23.019	ug/l	4.0	20000	
Cu	63	45	He	0.598	ug/l	20.6	20000	
Zn	66	45	He	19.519	ug/l	1.2	20000	
As	75	45	He	2.599	ug/l	7.9	5000	
Se	78	45	H2	0.373	ug/l	30.2	2000	
Sr	88	115	He	440.842	ug/l	1.3	5000	
Mo	95	115	He	5.058	ug/l	1.2	2000	
Ag	107	115	He	0.021	ug/l	106.9	100	
Cd	111	115	He	0.370	ug/l	61.1	5000	
Sn	118	115	He	0.089	ug/l	31.1	200	
Sb	121	74	He	0.115	ug/l	94.8	200	
Ba	137	159	He	38.369	ug/l	8.3	20000	
Tl	205	209	He	0.001	ug/l	967.8	1000	
[Pb]	206	209	He	0.162	ug/l	6.2		
[Pb]	207	209	He	0.096	ug/l	1.7		
Pb	208	209	He	0.130	ug/l	18.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2835666.21	0.7	73.6	60	125	
Sc (ISICPMS)	45	No Gas	3765667.33	2.0	76.2	60	125	
Sc (ISICPMS)	45	H2	1467649.18	3.0	71.6	60	125	
Sc (ISICPMS)	45	He	40830.41	1.9	69.2	60	125	
Ge (IS)	74	H2	294732.25	1.0	77.4	60	125	
Ge (IS)	74	He	24647.56	3.8	77.3	60	125	
Kr	83	He	26.69	57.3	66.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	73277.35	1.9	74.2	60	125	
Tb (IS)	159	He	478829.25	0.6	82.2	60	125	
Bi (IS)	209	He	416222.26	0.3	84.8	60	125	

Sample Report

File Name 182SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 16:20:51

Sample Name **460-255712-F-3-A**

Comment ---

Dilution **1.0000**

Vial # 3504

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.054	ug/l	17.9	2000	
B	11	6	No Gas	2830.998	ug/l	0.4	500	>LDR 6020B□>LDR 200.8
Na	23	45	He	6086500.470	ug/l	1.8	500000	>LDR 6020B□>LDR 200.8
Mg	24	45	He	739798.991	ug/l	0.9	500000	>LDR 6020B□>LDR 200.8
Al	27	45	He	30.632	ug/l	20.4	200000	
K	39	45	He	213849.236	ug/l	0.6	500000	
Ca	40	45	H2	258350.387	ug/l	1.2	500000	
Ti	47	45	He	6.782	ug/l	15.3	5000	
V	51	45	He	0.669	ug/l	51.4	5000	
Cr	52	45	He	1.036	ug/l	24.7	20000	
Mn	55	45	He	7.881	ug/l	2.8	10000	
Fe	56	45	H2	54.952	ug/l	0.1	500000	
Co	59	45	He	0.158	ug/l	23.1	2000	
Ni	60	45	He	1.040	ug/l	20.6	20000	
Cu	63	45	He	1.865	ug/l	6.4	20000	
Zn	66	45	He	10.423	ug/l	2.2	20000	
As	75	45	He	2.393	ug/l	26.7	5000	
Se	78	45	H2	0.604	ug/l	13.0	2000	
Sr	88	115	He	4520.209	ug/l	1.3	5000	>LDR 200.8
Mo	95	115	He	17.119	ug/l	2.3	2000	
Ag	107	115	He	0.040	ug/l	77.1	100	
Cd	111	115	He	0.108	ug/l	33.6	5000	
Sn	118	115	He	-0.022	ug/l	N/A	200	
Sb	121	74	He	1.122	ug/l	5.0	200	
Ba	137	159	He	34.466	ug/l	2.6	20000	
Tl	205	209	He	0.007	ug/l	21.9	1000	
[Pb]	206	209	He	0.431	ug/l	10.8		
[Pb]	207	209	He	0.358	ug/l	10.4		
Pb	208	209	He	0.364	ug/l	10.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2728124.23	0.4	70.8	60	125	
Sc (ISICPMS)	45	No Gas	3602898.06	1.1	72.9	60	125	
Sc (ISICPMS)	45	H2	1593394.39	2.0	77.8	60	125	
Sc (ISICPMS)	45	He	45934.05	1.7	77.8	60	125	
Ge (IS)	74	H2	300496.56	0.2	78.9	60	125	
Ge (IS)	74	He	26927.45	3.2	84.4	60	125	
Kr	83	He	26.69	21.7	66.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	77930.43	0.5	78.9	60	125	
Tb (IS)	159	He	481198.56	0.6	82.6	60	125	
Bi (IS)	209	He	385697.83	0.4	78.6	60	125	

Sample Report

File Name 183SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 16:23:08

Sample Name **460-255599-A-9-A**

Comment ---

Dilution **1.0000**

Vial # 2208

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	2.213	ug/l	5.0	2000	
B	11	6	No Gas	39.600	ug/l	1.1	500	
Na	23	45	He	595.991	ug/l	2.0	500000	
Mg	24	45	He	160126.857	ug/l	2.2	500000	
Al	27	45	He	57627.235	ug/l	1.1	200000	
K	39	45	He	747.955	ug/l	1.8	500000	
Ca	40	45	H2	272220.122	ug/l	3.8	500000	
Ti	47	45	He	491.661	ug/l	4.2	5000	
V	51	45	He	164.816	ug/l	1.6	5000	
Cr	52	45	He	236.524	ug/l	2.1	20000	
Mn	55	45	He	284.375	ug/l	1.5	10000	
Fe	56	45	H2	268097.296	ug/l	2.3	500000	
Co	59	45	He	14.490	ug/l	2.1	2000	
Ni	60	45	He	25.329	ug/l	2.0	20000	
Cu	63	45	He	43.424	ug/l	0.2	20000	
Zn	66	45	He	150.199	ug/l	1.6	20000	
As	75	45	He	59.783	ug/l	2.7	5000	
Se	78	45	H2	2.261	ug/l	11.3	2000	
Sr	88	115	He	80.910	ug/l	1.2	5000	
Mo	95	115	He	8.786	ug/l	5.1	2000	
Ag	107	115	He	0.089	ug/l	22.9	100	
Cd	111	115	He	3.066	ug/l	6.4	5000	
Sn	118	115	He	5.691	ug/l	4.8	200	
Sb	121	74	He	0.572	ug/l	7.0	200	
Ba	137	159	He	64.116	ug/l	4.6	20000	
Tl	205	209	He	0.227	ug/l	6.0	1000	
[Pb]	206	209	He	83.087	ug/l	1.3		
[Pb]	207	209	He	80.062	ug/l	0.1		
Pb	208	209	He	80.957	ug/l	0.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2785021.59	1.4	72.3	60	125	
Sc (ISICPMS)	45	No Gas	3725541.40	0.8	75.4	60	125	
Sc (ISICPMS)	45	H2	1517146.94	2.4	74.0	60	125	
Sc (ISICPMS)	45	He	42917.78	0.9	72.7	60	125	
Ge (IS)	74	H2	297594.11	1.3	78.1	60	125	
Ge (IS)	74	He	24600.69	2.9	77.1	60	125	
Kr	83	He	33.37	75.5	83.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	74846.58	0.3	75.7	60	125	
Tb (IS)	159	He	484556.55	1.6	83.2	60	125	
Bi (IS)	209	He	421242.29	0.1	85.8	60	125	

Continuing Calibration Verification (CCV)

File Name 185_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 16:27:48

Sample Name **CCV 9767647**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	99.561	ug/l	1.6	100	90	110	
B	11	6	No Gas	252.440	ug/l	2.5	250	225	275	
Na	23	45	He	26624.312	ug/l	1.4	25000	22500	27500	
Mg	24	45	He	26108.042	ug/l	1.1	25000	22500	27500	
Al	27	45	He	25513.185	ug/l	0.6	25000	22500	27500	
K	39	45	He	24778.596	ug/l	0.4	25000	22500	27500	
Ca	40	45	H2	24780.264	ug/l	1.3	25000	22500	27500	
Ti	47	45	He	100.471	ug/l	7.2	100	90	110	
V	51	45	He	102.088	ug/l	2.9	100	90	110	
Cr	52	45	He	103.157	ug/l	0.9	100	90	110	
Mn	55	45	He	105.217	ug/l	0.6	100	90	110	
Fe	56	45	H2	26306.707	ug/l	0.9	25000	22500	27500	
Co	59	45	He	103.208	ug/l	1.2	100	90	110	
Ni	60	45	He	102.559	ug/l	0.3	100	90	110	
Cu	63	45	He	103.408	ug/l	2.1	100	90	110	
Zn	66	45	He	267.074	ug/l	3.6	250	225	275	
As	75	45	He	102.069	ug/l	0.8	100	90	110	
Se	78	45	H2	105.225	ug/l	0.7	100	90	110	
Sr	88	115	He	92.499	ug/l	3.1	100	90	110	
Mo	95	115	He	99.925	ug/l	4.0	100	90	110	
Ag	107	115	He	50.681	ug/l	2.8	50	45	55	
Cd	111	115	He	99.174	ug/l	2.4	100	90	110	
Sn	118	115	He	103.339	ug/l	2.0	100	90	110	
Sb	121	74	He	107.608	ug/l	0.5	100	90	110	
Ba	137	159	He	96.067	ug/l	5.8	100	90	110	
Tl	205	209	He	99.505	ug/l	0.8	100	90	110	
[Pb]	206	209	He	100.110	ug/l	0.8				
[Pb]	207	209	He	99.810	ug/l	0.5				
Pb	208	209	He	100.009	ug/l	0.6	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	2893754.61	1.1	75.1	60	125	
Sc (ISICPMS)	45	No Gas	3741186.79	0.8	75.7	60	125	
Sc (ISICPMS)	45	H2	1529044.44	0.6	74.6	60	125	
Sc (ISICPMS)	45	He	41166.75	0.4	69.8	60	125	
Ge (IS)	74	H2	300304.03	1.3	78.8	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Ge (IS)	74	He	24490.35	0.9	76.8	60	125	
Kr	83	He	33.37	45.8	83.3			
In-1	115	He	76004.39	2.4	76.9	60	125	
Tb (IS)	159	He	485047.99	0.7	83.3	60	125	
Bi (IS)	209	He	430500.98	0.7	87.7	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 186_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 16:30:05

Sample Name **CCB**

Comment ---

Dilution 1.0000

Multiplier Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.003	ug/l	226.1	0.8	-0.8	0.8	
B	11	6	No Gas	10.487	ug/l	5.0	40	-40	40	
Na	23	45	He	140.943	ug/l	3.6	500	-500	500	
Mg	24	45	He	5.094	ug/l	22.8	200	-200	200	
Al	27	45	He	1.004	ug/l	97.7	40	-40	40	
K	39	45	He	18.830	ug/l	54.8	200	-200	200	
Ca	40	45	H2	4.921	ug/l	11.3	500	-500	500	
Ti	47	45	He	2.033	ug/l	142.8	4	-4	4	
V	51	45	He	-0.563	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.007	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.187	ug/l	92.6	8	-8	8	
Fe	56	45	H2	0.923	ug/l	19.7	60	-60	60	
Co	59	45	He	0.007	ug/l	171.5	4	-4	4	
Ni	60	45	He	0.401	ug/l	23.4	4	-4	4	
Cu	63	45	He	0.136	ug/l	58.6	4	-4	4	
Zn	66	45	He	-1.831	ug/l	N/A	16	-16	16	
As	75	45	He	0.150	ug/l	210.6	2	-2	2	
Se	78	45	H2	-0.020	ug/l	N/A	2.5	-2.5	2.5	
Sr	88	115	He	0.066	ug/l	146.5	4	-4	4	
Mo	95	115	He	0.056	ug/l	93.2	4	-4	4	
Ag	107	115	He	0.003	ug/l	563.8	2	-2	2	
Cd	111	115	He	0.024	ug/l	173.2	2	-2	2	
Sn	118	115	He	-0.006	ug/l	N/A	16	-16	16	
Sb	121	74	He	-0.115	ug/l	N/A	2	-2	2	
Ba	137	159	He	0.961	ug/l	61.7	4	-4	4	
Tl	205	209	He	0.004	ug/l	97.1	0.8	-0.8	0.8	
[Pb]	206	209	He	-0.062	ug/l	N/A				
[Pb]	207	209	He	-0.085	ug/l	N/A				
Pb	208	209	He	-0.083	ug/l	N/A	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	2992587.31	2.3	77.7	60	125	
Sc (ISICPMS)	45	No Gas	3884086.84	1.8	78.6	60	125	
Sc (ISICPMS)	45	H2	1559702.63	1.8	76.1	60	125	
Sc (ISICPMS)	45	He	42407.22	1.2	71.9	60	125	
Ge (IS)	74	H2	296605.47	1.4	77.9	60	125	
Ge (IS)	74	He	24523.68	1.3	76.9	60	125	
Kr	83	He	23.36	65.5	58.3			
In-1	115	He	77757.09	0.8	78.7	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Tb (IS)	159	He	490511.63	1.3	84.2	60	125	
Bi (IS)	209	He	443931.46	0.3	90.4	60	125	

Sample Report

File Name 187SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 16:32:25

Sample Name **460-255712-F-4-A**

Comment ---

Dilution **1.0000**

Vial # 3505

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.011	ug/l	130.8	2000	
B	11	6	No Gas	294.432	ug/l	1.0	500	
Na	23	45	He	498711.186	ug/l	1.3	500000	>LDR 200.8
Mg	24	45	He	47446.679	ug/l	0.3	500000	
Al	27	45	He	48.685	ug/l	3.8	200000	
K	39	45	He	30560.297	ug/l	1.7	500000	
Ca	40	45	H2	90299.336	ug/l	1.2	500000	
Ti	47	45	He	17.504	ug/l	4.4	5000	
V	51	45	He	4.655	ug/l	2.8	5000	
Cr	52	45	He	0.273	ug/l	55.7	20000	
Mn	55	45	He	982.575	ug/l	1.2	10000	
Fe	56	45	H2	7458.713	ug/l	1.6	500000	
Co	59	45	He	2.749	ug/l	3.6	2000	
Ni	60	45	He	1.948	ug/l	17.5	20000	
Cu	63	45	He	0.499	ug/l	14.4	20000	
Zn	66	45	He	-0.542	ug/l	N/A	20000	
As	75	45	He	1.538	ug/l	10.8	5000	
Se	78	45	H2	0.151	ug/l	60.9	2000	
Sr	88	115	He	793.744	ug/l	1.5	5000	
Mo	95	115	He	13.670	ug/l	6.5	2000	
Ag	107	115	He	0.002	ug/l	421.7	100	
Cd	111	115	He	0.038	ug/l	1.1	5000	
Sn	118	115	He	-0.061	ug/l	N/A	200	
Sb	121	74	He	7.368	ug/l	2.6	200	
Ba	137	159	He	253.332	ug/l	3.5	20000	
Tl	205	209	He	-0.008	ug/l	N/A	1000	
[Pb]	206	209	He	0.276	ug/l	20.7		
[Pb]	207	209	He	0.225	ug/l	16.0		
Pb	208	209	He	0.249	ug/l	11.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2864308.92	3.4	74.3	60	125	
Sc (ISICPMS)	45	No Gas	3814508.10	1.5	77.2	60	125	
Sc (ISICPMS)	45	H2	1527746.40	2.9	74.6	60	125	
Sc (ISICPMS)	45	He	41759.74	0.8	70.8	60	125	
Ge (IS)	74	H2	301274.75	2.1	79.1	60	125	
Ge (IS)	74	He	25272.50	1.7	79.2	60	125	
Kr	83	He	40.04	25.0	100.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	74805.14	1.1	75.7	60	125	
Tb (IS)	159	He	486394.10	1.3	83.5	60	125	
Bi (IS)	209	He	417164.53	0.8	85.0	60	125	

Sample Report

File Name 188SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 16:34:43

Sample Name **460-255712-F-6-A**

Comment ---

Dilution **1.0000**

Vial # 3506

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.021	ug/l	49.3	2000	
B	11	6	No Gas	1114.459	ug/l	2.4	500	>LDR 6020B
Na	23	45	He	2604725.483	ug/l	1.1	500000	>LDR 6020B□>LDR 200.8
Mg	24	45	He	298086.979	ug/l	0.7	500000	
Al	27	45	He	14.271	ug/l	15.3	200000	
K	39	45	He	100264.838	ug/l	0.4	500000	
Ca	40	45	H2	137124.438	ug/l	0.8	500000	
Ti	47	45	He	25.273	ug/l	13.8	5000	
V	51	45	He	5.657	ug/l	8.3	5000	
Cr	52	45	He	0.576	ug/l	57.2	20000	
Mn	55	45	He	205.575	ug/l	1.8	10000	
Fe	56	45	H2	45.645	ug/l	3.7	500000	
Co	59	45	He	0.144	ug/l	51.0	2000	
Ni	60	45	He	1.418	ug/l	11.3	20000	
Cu	63	45	He	1.482	ug/l	7.5	20000	
Zn	66	45	He	6.088	ug/l	22.5	20000	
As	75	45	He	1.349	ug/l	10.8	5000	
Se	78	45	H2	0.378	ug/l	16.7	2000	
Sr	88	115	He	2197.546	ug/l	3.1	5000	
Mo	95	115	He	29.343	ug/l	1.0	2000	
Ag	107	115	He	0.026	ug/l	91.2	100	
Cd	111	115	He	0.049	ug/l	113.8	5000	
Sn	118	115	He	0.623	ug/l	20.5	200	
Sb	121	74	He	2.353	ug/l	4.5	200	
Ba	137	159	He	51.816	ug/l	4.7	20000	
Tl	205	209	He	0.002	ug/l	349.2	1000	
[Pb]	206	209	He	0.154	ug/l	20.8		
[Pb]	207	209	He	0.103	ug/l	76.2		
Pb	208	209	He	0.117	ug/l	18.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2901038.91	2.0	75.3	60	125	
Sc (ISICPMS)	45	No Gas	3780724.57	1.4	76.5	60	125	
Sc (ISICPMS)	45	H2	1574920.58	2.4	76.9	60	125	
Sc (ISICPMS)	45	He	44911.73	0.6	76.1	60	125	
Ge (IS)	74	H2	305518.88	1.0	80.2	60	125	
Ge (IS)	74	He	26703.30	2.1	83.7	60	125	
Kr	83	He	13.35	43.3	33.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	76306.03	1.3	77.2	60	125	
Tb (IS)	159	He	492538.84	0.8	84.5	60	125	
Bi (IS)	209	He	405092.33	0.8	82.5	60	125	

Sample Report

File Name 189SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 16:37:00

Sample Name **460-255712-F-7-A**

Comment ---

Dilution **1.0000**

Vial # 3507

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.022	ug/l	68.3	2000	
B	11	6	No Gas	2725.985	ug/l	1.4	500	>LDR 6020B□>LDR 200.8
Na	23	45	He	5991739.538	ug/l	1.8	500000	>LDR 6020B□>LDR 200.8
Mg	24	45	He	721737.134	ug/l	1.4	500000	>LDR 6020B□>LDR 200.8
Al	27	45	He	17.628	ug/l	10.6	200000	
K	39	45	He	215502.903	ug/l	2.0	500000	
Ca	40	45	H2	265802.965	ug/l	1.1	500000	
Ti	47	45	He	3.076	ug/l	69.2	5000	
V	51	45	He	1.206	ug/l	15.5	5000	
Cr	52	45	He	0.913	ug/l	3.1	20000	
Mn	55	45	He	7.144	ug/l	10.6	10000	
Fe	56	45	H2	49.416	ug/l	0.8	500000	
Co	59	45	He	0.087	ug/l	16.0	2000	
Ni	60	45	He	0.953	ug/l	7.5	20000	
Cu	63	45	He	1.848	ug/l	3.4	20000	
Zn	66	45	He	2.417	ug/l	44.7	20000	
As	75	45	He	1.777	ug/l	17.7	5000	
Se	78	45	H2	0.190	ug/l	16.0	2000	
Sr	88	115	He	4513.963	ug/l	1.7	5000	>LDR 200.8
Mo	95	115	He	16.720	ug/l	4.1	2000	
Ag	107	115	He	0.027	ug/l	18.5	100	
Cd	111	115	He	0.141	ug/l	74.2	5000	
Sn	118	115	He	0.051	ug/l	249.7	200	
Sb	121	74	He	1.158	ug/l	10.3	200	
Ba	137	159	He	33.448	ug/l	2.9	20000	
Tl	205	209	He	0.005	ug/l	46.5	1000	
[Pb]	206	209	He	0.237	ug/l	36.2		
[Pb]	207	209	He	0.204	ug/l	9.5		
Pb	208	209	He	0.211	ug/l	10.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2959419.75	1.2	76.8	60	125	
Sc (ISICPMS)	45	No Gas	3806575.17	2.2	77.0	60	125	
Sc (ISICPMS)	45	H2	1608060.11	1.0	78.5	60	125	
Sc (ISICPMS)	45	He	47662.12	0.1	80.8	60	125	
Ge (IS)	74	H2	316323.99	1.5	83.0	60	125	
Ge (IS)	74	He	26773.52	0.8	83.9	60	125	
Kr	83	He	40.04	43.3	100.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	79473.89	1.0	80.4	60	125	
Tb (IS)	159	He	487436.54	1.2	83.7	60	125	
Bi (IS)	209	He	388392.54	0.9	79.1	60	125	

Sample Report

File Name 190SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 16:39:18

Sample Name **460-255712-F-8-A**

Comment ---

Dilution **1.0000**

Vial # 3508

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.019	ug/l	72.0	2000	
B	11	6	No Gas	30.960	ug/l	5.4	500	
Na	23	45	He	360.148	ug/l	2.3	500000	
Mg	24	45	He	22.990	ug/l	9.0	500000	
Al	27	45	He	3.184	ug/l	14.4	200000	
K	39	45	He	41.556	ug/l	14.1	500000	
Ca	40	45	H2	41.996	ug/l	2.3	500000	
Ti	47	45	He	0.190	ug/l	222.8	5000	
V	51	45	He	0.855	ug/l	28.8	5000	
Cr	52	45	He	-0.421	ug/l	N/A	20000	
Mn	55	45	He	0.254	ug/l	16.8	10000	
Fe	56	45	H2	8.939	ug/l	152.5	500000	
Co	59	45	He	-0.008	ug/l	N/A	2000	
Ni	60	45	He	0.293	ug/l	26.0	20000	
Cu	63	45	He	0.082	ug/l	161.4	20000	
Zn	66	45	He	-0.977	ug/l	N/A	20000	
As	75	45	He	0.071	ug/l	100.1	5000	
Se	78	45	H2	-0.045	ug/l	N/A	2000	
Sr	88	115	He	0.070	ug/l	81.6	5000	
Mo	95	115	He	0.161	ug/l	4.3	2000	
Ag	107	115	He	0.004	ug/l	224.7	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	-0.183	ug/l	N/A	200	
Sb	121	74	He	-0.125	ug/l	N/A	200	
Ba	137	159	He	0.655	ug/l	11.8	20000	
Tl	205	209	He	-0.010	ug/l	N/A	1000	
[Pb]	206	209	He	0.034	ug/l	202.6		
[Pb]	207	209	He	0.041	ug/l	75.9		
Pb	208	209	He	0.019	ug/l	28.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3383063.70	1.9	87.8	60	125	
Sc (ISICPMS)	45	No Gas	4260277.31	2.1	86.2	60	125	
Sc (ISICPMS)	45	H2	1716228.01	1.7	83.8	60	125	
Sc (ISICPMS)	45	He	49044.67	0.9	83.1	60	125	
Ge (IS)	74	H2	313060.40	1.1	82.2	60	125	
Ge (IS)	74	He	26399.15	4.5	82.8	60	125	
Kr	83	He	23.36	65.5	58.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	88327.45	0.4	89.4	60	125	
Tb (IS)	159	He	526328.47	0.6	90.3	60	125	
Bi (IS)	209	He	466031.67	1.4	94.9	60	125	

Sample Report

File Name 191SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 16:41:38

Sample Name **460-255728-B-1-A**

Comment ---

Dilution **1.0000**

Vial # 3509

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.053	ug/l	34.3	2000	
B	11	6	No Gas	29.458	ug/l	0.4	500	
Na	23	45	He	10795.035	ug/l	0.5	500000	
Mg	24	45	He	1564.309	ug/l	1.4	500000	
Al	27	45	He	891.186	ug/l	1.8	200000	
K	39	45	He	3311.415	ug/l	2.7	500000	
Ca	40	45	H2	20342.214	ug/l	0.8	500000	
Ti	47	45	He	33.203	ug/l	7.0	5000	
V	51	45	He	2.936	ug/l	6.7	5000	
Cr	52	45	He	2.502	ug/l	4.0	20000	
Mn	55	45	He	85.348	ug/l	5.3	10000	
Fe	56	45	H2	2359.361	ug/l	0.7	500000	
Co	59	45	He	1.138	ug/l	5.6	2000	
Ni	60	45	He	2.498	ug/l	10.2	20000	
Cu	63	45	He	8.564	ug/l	3.9	20000	
Zn	66	45	He	24.305	ug/l	2.4	20000	
As	75	45	He	0.519	ug/l	47.9	5000	
Se	78	45	H2	0.378	ug/l	86.1	2000	
Sr	88	115	He	24.958	ug/l	2.2	5000	
Mo	95	115	He	1.248	ug/l	17.1	2000	
Ag	107	115	He	0.010	ug/l	112.0	100	
Cd	111	115	He	0.023	ug/l	173.2	5000	
Sn	118	115	He	-0.086	ug/l	N/A	200	
Sb	121	74	He	0.116	ug/l	76.5	200	
Ba	137	159	He	15.816	ug/l	9.3	20000	
Tl	205	209	He	0.012	ug/l	70.9	1000	
[Pb]	206	209	He	1.628	ug/l	9.6		
[Pb]	207	209	He	1.528	ug/l	7.0		
Pb	208	209	He	1.592	ug/l	1.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3231879.64	1.0	83.9	60	125	
Sc (ISICPMS)	45	No Gas	4103663.31	1.5	83.1	60	125	
Sc (ISICPMS)	45	H2	1690109.35	0.4	82.5	60	125	
Sc (ISICPMS)	45	He	46368.81	1.1	78.6	60	125	
Ge (IS)	74	H2	330125.06	1.0	86.7	60	125	
Ge (IS)	74	He	28114.21	1.0	88.1	60	125	
Kr	83	He	30.03	88.2	75.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	82546.17	1.1	83.5	60	125	
Tb (IS)	159	He	513516.83	1.2	88.1	60	125	
Bi (IS)	209	He	459842.83	0.4	93.7	60	125	

Sample Report

File Name 192SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 16:43:57

Sample Name **460-255712-F-6-A@10**

Comment ---

Dilution **1.0000**

Vial # 3506

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.003	ug/l	314.2	2000	
B	11	6	No Gas	136.647	ug/l	3.7	500	
Na	23	45	He	299602.024	ug/l	3.6	500000	
Mg	24	45	He	34980.645	ug/l	1.9	500000	
Al	27	45	He	9.428	ug/l	15.2	200000	
K	39	45	He	11677.637	ug/l	1.8	500000	
Ca	40	45	H2	15961.169	ug/l	2.4	500000	
Ti	47	45	He	2.260	ug/l	47.6	5000	
V	51	45	He	1.673	ug/l	12.0	5000	
Cr	52	45	He	0.169	ug/l	180.9	20000	
Mn	55	45	He	23.190	ug/l	2.9	10000	
Fe	56	45	H2	23.365	ug/l	2.2	500000	
Co	59	45	He	0.009	ug/l	208.5	2000	
Ni	60	45	He	0.453	ug/l	15.7	20000	
Cu	63	45	He	0.482	ug/l	5.7	20000	
Zn	66	45	He	0.145	ug/l	298.0	20000	
As	75	45	He	0.228	ug/l	71.0	5000	
Se	78	45	H2	-0.025	ug/l	N/A	2000	
Sr	88	115	He	238.472	ug/l	0.7	5000	
Mo	95	115	He	2.994	ug/l	1.7	2000	
Ag	107	115	He	0.010	ug/l	95.9	100	
Cd	111	115	He	0.012	ug/l	173.2	5000	
Sn	118	115	He	-0.070	ug/l	N/A	200	
Sb	121	74	He	0.143	ug/l	47.6	200	
Ba	137	159	He	7.597	ug/l	7.3	20000	
Tl	205	209	He	-0.011	ug/l	N/A	1000	
[Pb]	206	209	He	0.652	ug/l	14.2		
[Pb]	207	209	He	0.553	ug/l	12.0		
Pb	208	209	He	0.591	ug/l	6.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3236021.58	1.8	84.0	60	125	
Sc (ISICPMS)	45	No Gas	4092709.62	1.2	82.8	60	125	
Sc (ISICPMS)	45	H2	1652050.16	2.0	80.6	60	125	
Sc (ISICPMS)	45	He	45671.09	2.2	77.4	60	125	
Ge (IS)	74	H2	317760.31	1.1	83.4	60	125	
Ge (IS)	74	He	26526.18	2.7	83.2	60	125	
Kr	83	He	26.69	114.6	66.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	80226.19	0.9	81.2	60	125	
Tb (IS)	159	He	499295.78	1.5	85.7	60	125	
Bi (IS)	209	He	426373.31	0.8	86.9	60	125	

Sample Report

File Name 193SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 16:46:26

Sample Name **460-255599-A-17-B**

Comment ---

Dilution **1.0000**

Vial # 2301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	1.372	ug/l	4.9	2000	
B	11	6	No Gas	77.547	ug/l	2.5	500	
Na	23	45	He	7608.544	ug/l	1.2	500000	
Mg	24	45	He	240245.236	ug/l	2.6	500000	
Al	27	45	He	38737.691	ug/l	0.4	200000	
K	39	45	He	7053.562	ug/l	0.8	500000	
Ca	40	45	H2	503303.399	ug/l	0.8	500000	>LDR 6020B□>LDR 200.8
Ti	47	45	He	818.997	ug/l	1.8	5000	
V	51	45	He	133.677	ug/l	0.5	5000	
Cr	52	45	He	101.441	ug/l	1.7	20000	
Mn	55	45	He	4263.587	ug/l	0.4	10000	
Fe	56	45	H2	56888.974	ug/l	1.9	500000	
Co	59	45	He	72.850	ug/l	1.1	2000	
Ni	60	45	He	81.611	ug/l	1.3	20000	
Cu	63	45	He	171.971	ug/l	1.6	20000	
Zn	66	45	He	11392.885	ug/l	0.6	20000	
As	75	45	He	172.480	ug/l	2.3	5000	
Se	78	45	H2	583.551	ug/l	0.9	2000	
Sr	88	115	He	1184.444	ug/l	0.9	5000	
Mo	95	115	He	11.653	ug/l	5.6	2000	
Ag	107	115	He	0.765	ug/l	3.9	100	
Cd	111	115	He	10.452	ug/l	3.8	5000	
Sn	118	115	He	14.539	ug/l	7.1	200	
Sb	121	74	He	37.956	ug/l	3.0	200	
Ba	137	159	He	60041.228	ug/l	0.9	20000	>LDR 6020B□>LDR 200.8
Tl	205	209	He	0.779	ug/l	4.1	1000	
[Pb]	206	209	He	418.793	ug/l	1.5		
[Pb]	207	209	He	406.224	ug/l	1.1		
Pb	208	209	He	410.890	ug/l	1.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3014908.15	2.1	78.2	60	125	
Sc (ISICPMS)	45	No Gas	3884354.17	1.4	78.6	60	125	
Sc (ISICPMS)	45	H2	1580005.18	1.9	77.1	60	125	
Sc (ISICPMS)	45	He	43255.44	0.8	73.3	60	125	
Ge (IS)	74	H2	312739.76	1.4	82.1	60	125	
Ge (IS)	74	He	26185.24	1.3	82.1	60	125	
Kr	83	He	30.03	66.7	75.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	76777.42	1.6	77.7	60	125	
Tb (IS)	159	He	491907.26	0.7	84.4	60	125	
Bi (IS)	209	He	434934.73	0.9	88.6	60	125	

Sample Report

File Name 194SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 16:48:43

Sample Name **460-255754-A-1-A**

Comment ---

Dilution **1.0000**

Vial # 2302

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	2.499	ug/l	5.1	2000	
B	11	6	No Gas	60.170	ug/l	2.2	500	
Na	23	45	He	618.467	ug/l	1.8	500000	
Mg	24	45	He	11848.945	ug/l	1.6	500000	
Al	27	45	He	88460.261	ug/l	0.2	200000	
K	39	45	He	3304.176	ug/l	1.4	500000	
Ca	40	45	H2	35660.771	ug/l	1.7	500000	
Ti	47	45	He	884.265	ug/l	3.3	5000	
V	51	45	He	295.880	ug/l	0.2	5000	
Cr	52	45	He	183.971	ug/l	2.1	20000	
Mn	55	45	He	450.607	ug/l	0.8	10000	
Fe	56	45	H2	168514.969	ug/l	1.8	500000	
Co	59	45	He	13.448	ug/l	0.6	2000	
Ni	60	45	He	56.424	ug/l	2.3	20000	
Cu	63	45	He	104.440	ug/l	1.2	20000	
Zn	66	45	He	280.312	ug/l	3.8	20000	
As	75	45	He	64.166	ug/l	3.1	5000	
Se	78	45	H2	6.801	ug/l	11.3	2000	
Sr	88	115	He	121.556	ug/l	1.0	5000	
Mo	95	115	He	5.570	ug/l	6.6	2000	
Ag	107	115	He	0.500	ug/l	14.6	100	
Cd	111	115	He	1.811	ug/l	14.3	5000	
Sn	118	115	He	6.756	ug/l	9.0	200	
Sb	121	74	He	2.243	ug/l	7.7	200	
Ba	137	159	He	201.710	ug/l	1.2	20000	
Tl	205	209	He	0.635	ug/l	6.0	1000	
[Pb]	206	209	He	161.697	ug/l	0.9		
[Pb]	207	209	He	153.092	ug/l	1.8		
Pb	208	209	He	157.881	ug/l	0.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2965061.10	1.4	76.9	60	125	
Sc (ISICPMS)	45	No Gas	3859987.30	0.6	78.1	60	125	
Sc (ISICPMS)	45	H2	1539686.96	0.5	75.1	60	125	
Sc (ISICPMS)	45	He	42488.54	0.4	72.0	60	125	
Ge (IS)	74	H2	313502.19	0.8	82.3	60	125	
Ge (IS)	74	He	25068.64	3.2	78.6	60	125	
Kr	83	He	23.36	24.7	58.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	75482.18	0.5	76.4	60	125	
Tb (IS)	159	He	492998.02	1.0	84.6	60	125	
Bi (IS)	209	He	435501.21	1.0	88.7	60	125	

Sample Report

File Name 195SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 16:51:02

Sample Name **460-255699-A-3-A**

Comment ---

Dilution **1.0000**

Vial # 2112

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.073	ug/l	30.0	2000	
B	11	6	No Gas	62.948	ug/l	1.6	500	
Na	23	45	He	3270.653	ug/l	1.9	500000	
Mg	24	45	He	4581.273	ug/l	0.9	500000	
Al	27	45	He	163.136	ug/l	6.4	200000	
K	39	45	He	559.239	ug/l	3.3	500000	
Ca	40	45	H2	82255.497	ug/l	0.6	500000	
Ti	47	45	He	39056.203	ug/l	0.4	5000	>LDR 6020B□>LDR 200.8
V	51	45	He	11.188	ug/l	3.3	5000	
Cr	52	45	He	12.204	ug/l	3.1	20000	
Mn	55	45	He	417.319	ug/l	0.6	10000	
Fe	56	45	H2	360.216	ug/l	2.1	500000	
Co	59	45	He	6.977	ug/l	4.3	2000	
Ni	60	45	He	170.322	ug/l	1.0	20000	
Cu	63	45	He	22.051	ug/l	1.3	20000	
Zn	66	45	He	60.464	ug/l	5.1	20000	
As	75	45	He	83.648	ug/l	3.1	5000	
Se	78	45	H2	0.089	ug/l	32.0	2000	
Sr	88	115	He	756.834	ug/l	0.9	5000	
Mo	95	115	He	0.186	ug/l	20.6	2000	
Ag	107	115	He	0.124	ug/l	20.5	100	
Cd	111	115	He	0.244	ug/l	44.2	5000	
Sn	118	115	He	13.957	ug/l	5.6	200	
Sb	121	74	He	-0.088	ug/l	N/A	200	
Ba	137	159	He	304.688	ug/l	1.5	20000	
Tl	205	209	He	0.034	ug/l	5.8	1000	
[Pb]	206	209	He	114.652	ug/l	2.1		
[Pb]	207	209	He	112.818	ug/l	2.5		
Pb	208	209	He	114.441	ug/l	1.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2950976.31	0.5	76.6	60	125	
Sc (ISICPMS)	45	No Gas	3890355.74	1.7	78.7	60	125	
Sc (ISICPMS)	45	H2	1565303.61	2.3	76.4	60	125	
Sc (ISICPMS)	45	He	42289.09	0.9	71.7	60	125	
Ge (IS)	74	H2	312349.45	1.2	82.0	60	125	
Ge (IS)	74	He	25901.01	4.9	81.2	60	125	
Kr	83	He	36.70	31.5	91.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	76825.58	1.2	77.7	60	125	
Tb (IS)	159	He	492926.77	0.6	84.6	60	125	
Bi (IS)	209	He	438911.22	1.7	89.4	60	125	

Sample Report

File Name 196SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 16:53:21

Sample Name **460-255699-A-4-A**

Comment ---

Dilution **1.0000**

Vial # 2201

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.059	ug/l	49.6	2000	
B	11	6	No Gas	94.517	ug/l	0.7	500	
Na	23	45	He	3129.021	ug/l	2.9	500000	
Mg	24	45	He	2896.634	ug/l	1.8	500000	
Al	27	45	He	181.563	ug/l	2.3	200000	
K	39	45	He	597.718	ug/l	4.7	500000	
Ca	40	45	H2	60595.124	ug/l	0.6	500000	
Ti	47	45	He	38280.010	ug/l	1.8	5000	>LDR 6020B□>LDR 200.8
V	51	45	He	8.629	ug/l	4.1	5000	
Cr	52	45	He	12.149	ug/l	3.6	20000	
Mn	55	45	He	5526.127	ug/l	2.4	10000	
Fe	56	45	H2	375.694	ug/l	1.0	500000	
Co	59	45	He	13.377	ug/l	1.6	2000	
Ni	60	45	He	171.900	ug/l	1.2	20000	
Cu	63	45	He	21.032	ug/l	1.0	20000	
Zn	66	45	He	77.536	ug/l	5.1	20000	
As	75	45	He	52.376	ug/l	3.9	5000	
Se	78	45	H2	0.230	ug/l	93.6	2000	
Sr	88	115	He	528.730	ug/l	1.5	5000	
Mo	95	115	He	0.149	ug/l	51.1	2000	
Ag	107	115	He	0.093	ug/l	21.5	100	
Cd	111	115	He	0.273	ug/l	7.8	5000	
Sn	118	115	He	20.975	ug/l	5.3	200	
Sb	121	74	He	-0.069	ug/l	N/A	200	
Ba	137	159	He	163.088	ug/l	6.3	20000	
Tl	205	209	He	0.040	ug/l	22.0	1000	
[Pb]	206	209	He	92.348	ug/l	1.1		
[Pb]	207	209	He	92.193	ug/l	0.5		
Pb	208	209	He	93.075	ug/l	1.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2947015.16	1.2	76.5	60	125	
Sc (ISICPMS)	45	No Gas	3862466.76	2.9	78.2	60	125	
Sc (ISICPMS)	45	H2	1520646.61	2.9	74.2	60	125	
Sc (ISICPMS)	45	He	41200.28	2.2	69.8	60	125	
Ge (IS)	74	H2	309564.70	1.0	81.3	60	125	
Ge (IS)	74	He	25339.42	2.3	79.4	60	125	
Kr	83	He	20.02	86.6	50.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	75413.27	0.3	76.3	60	125	
Tb (IS)	159	He	485940.08	1.2	83.4	60	125	
Bi (IS)	209	He	439085.03	0.4	89.5	60	125	

Continuing Calibration Verification (CCV)

File Name 197_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 16:55:39

Sample Name **CCV 9767647**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	97.570	ug/l	2.4	100	90	110	
B	11	6	No Gas	247.163	ug/l	2.2	250	225	275	
Na	23	45	He	27302.107	ug/l	1.0	25000	22500	27500	
Mg	24	45	He	26165.602	ug/l	0.9	25000	22500	27500	
Al	27	45	He	25042.819	ug/l	1.8	25000	22500	27500	
K	39	45	He	24652.836	ug/l	1.1	25000	22500	27500	
Ca	40	45	H2	24907.649	ug/l	0.9	25000	22500	27500	
Ti	47	45	He	97.045	ug/l	2.4	100	90	110	
V	51	45	He	101.407	ug/l	2.6	100	90	110	
Cr	52	45	He	102.972	ug/l	1.3	100	90	110	
Mn	55	45	He	104.682	ug/l	1.8	100	90	110	
Fe	56	45	H2	25711.408	ug/l	1.3	25000	22500	27500	
Co	59	45	He	102.683	ug/l	1.4	100	90	110	
Ni	60	45	He	101.344	ug/l	1.3	100	90	110	
Cu	63	45	He	103.191	ug/l	0.7	100	90	110	
Zn	66	45	He	258.451	ug/l	2.7	250	225	275	
As	75	45	He	100.971	ug/l	4.7	100	90	110	
Se	78	45	H2	102.084	ug/l	2.4	100	90	110	
Sr	88	115	He	96.444	ug/l	2.9	100	90	110	
Mo	95	115	He	101.824	ug/l	1.1	100	90	110	
Ag	107	115	He	51.520	ug/l	0.5	50	45	55	
Cd	111	115	He	101.375	ug/l	1.3	100	90	110	
Sn	118	115	He	104.468	ug/l	1.2	100	90	110	
Sb	121	74	He	102.929	ug/l	0.4	100	90	110	
Ba	137	159	He	89.939	ug/l	5.0	100	90	110	failed
Tl	205	209	He	100.448	ug/l	0.7	100	90	110	
[Pb]	206	209	He	99.017	ug/l	0.7				
[Pb]	207	209	He	99.121	ug/l	1.9				
Pb	208	209	He	98.971	ug/l	0.9	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	2956165.75	0.9	76.7	60	125	
Sc (ISICPMS)	45	No Gas	3870620.25	1.5	78.3	60	125	
Sc (ISICPMS)	45	H2	1525092.94	0.7	74.4	60	125	
Sc (ISICPMS)	45	He	41911.27	1.1	71.0	60	125	
Ge (IS)	74	H2	295895.00	1.2	77.7	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Ge (IS)	74	He	25636.92	0.5	80.4	60	125	
Kr	83	He	26.69	21.7	66.7			
In-1	115	He	75059.38	0.9	76.0	60	125	
Tb (IS)	159	He	486623.52	0.4	83.5	60	125	
Bi (IS)	209	He	431661.96	0.5	87.9	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 198_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 16:57:56

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.006	ug/l	256.3	0.8	-0.8	0.8	
B	11	6	No Gas	9.934	ug/l	4.1	40	-40	40	
Na	23	45	He	151.274	ug/l	3.3	500	-500	500	
Mg	24	45	He	4.058	ug/l	8.0	200	-200	200	
Al	27	45	He	0.613	ug/l	80.0	40	-40	40	
K	39	45	He	27.187	ug/l	31.8	200	-200	200	
Ca	40	45	H2	5.414	ug/l	8.7	500	-500	500	
Ti	47	45	He	0.905	ug/l	68.3	4	-4	4	
V	51	45	He	-0.432	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.160	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.400	ug/l	80.4	8	-8	8	
Fe	56	45	H2	0.663	ug/l	45.0	60	-60	60	
Co	59	45	He	0.013	ug/l	104.7	4	-4	4	
Ni	60	45	He	0.436	ug/l	50.0	4	-4	4	
Cu	63	45	He	0.102	ug/l	56.7	4	-4	4	
Zn	66	45	He	-2.183	ug/l	N/A	16	-16	16	
As	75	45	He	0.023	ug/l	413.0	2	-2	2	
Se	78	45	H2	0.018	ug/l	782.0	2.5	-2.5	2.5	
Sr	88	115	He	0.035	ug/l	53.4	4	-4	4	
Mo	95	115	He	0.041	ug/l	35.9	4	-4	4	
Ag	107	115	He	0.006	ug/l	86.4	2	-2	2	
Cd	111	115	He	0.061	ug/l	35.4	2	-2	2	
Sn	118	115	He	0.215	ug/l	167.3	16	-16	16	
Sb	121	74	He	-0.153	ug/l	N/A	2	-2	2	
Ba	137	159	He	0.667	ug/l	49.8	4	-4	4	
Tl	205	209	He	0.000	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	-0.089	ug/l	N/A				
[Pb]	207	209	He	-0.110	ug/l	N/A				
Pb	208	209	He	-0.101	ug/l	N/A	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3006985.82	0.2	78.0	60	125	
Sc (ISICPMS)	45	No Gas	3856398.37	1.9	78.0	60	125	
Sc (ISICPMS)	45	H2	1537808.02	2.9	75.0	60	125	
Sc (ISICPMS)	45	He	42304.79	0.8	71.7	60	125	
Ge (IS)	74	H2	292644.16	1.1	76.8	60	125	
Ge (IS)	74	He	24366.60	1.9	76.4	60	125	
Kr	83	He	13.35	114.6	33.3			
In-1	115	He	77107.24	1.4	78.0	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Tb (IS)	159	He	491975.55	0.6	84.4	60	125	
Bi (IS)	209	He	437948.91	0.2	89.2	60	125	

Sample Report

File Name 199SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 17:00:17

Sample Name **460-255712-F-3-A@20**

Comment ---

Dilution **1.0000**

Vial # 3504

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.012	ug/l	77.6	2000	
B	11	6	No Gas	161.208	ug/l	3.3	500	
Na	23	45	He	397504.624	ug/l	0.7	500000	
Mg	24	45	He	46482.463	ug/l	1.8	500000	
Al	27	45	He	19.300	ug/l	18.7	200000	
K	39	45	He	13405.524	ug/l	1.1	500000	
Ca	40	45	H2	16030.636	ug/l	2.8	500000	
Ti	47	45	He	2.263	ug/l	81.9	5000	
V	51	45	He	-0.283	ug/l	N/A	5000	
Cr	52	45	He	0.078	ug/l	153.0	20000	
Mn	55	45	He	1.629	ug/l	15.2	10000	
Fe	56	45	H2	47.216	ug/l	5.2	500000	
Co	59	45	He	0.085	ug/l	45.2	2000	
Ni	60	45	He	0.526	ug/l	25.5	20000	
Cu	63	45	He	0.454	ug/l	19.6	20000	
Zn	66	45	He	4.036	ug/l	37.3	20000	
As	75	45	He	0.147	ug/l	107.0	5000	
Se	78	45	H2	-0.021	ug/l	N/A	2000	
Sr	88	115	He	265.144	ug/l	1.7	5000	
Mo	95	115	He	1.109	ug/l	7.5	2000	
Ag	107	115	He	0.012	ug/l	148.6	100	
Cd	111	115	He	0.025	ug/l	86.6	5000	
Sn	118	115	He	0.129	ug/l	13.0	200	
Sb	121	74	He	-0.059	ug/l	N/A	200	
Ba	137	159	He	8.468	ug/l	7.4	20000	
Tl	205	209	He	-0.007	ug/l	N/A	1000	
[Pb]	206	209	He	3.414	ug/l	1.4		
[Pb]	207	209	He	3.115	ug/l	2.2		
Pb	208	209	He	3.225	ug/l	1.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2958111.76	1.1	76.8	60	125	
Sc (ISICPMS)	45	No Gas	3874884.12	0.4	78.4	60	125	
Sc (ISICPMS)	45	H2	1564091.59	2.8	76.3	60	125	
Sc (ISICPMS)	45	He	42781.76	0.9	72.5	60	125	
Ge (IS)	74	H2	304845.46	1.3	80.0	60	125	
Ge (IS)	74	He	25092.02	1.4	78.7	60	125	
Kr	83	He	23.36	65.5	58.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	75160.68	1.4	76.1	60	125	
Tb (IS)	159	He	486494.90	0.2	83.5	60	125	
Bi (IS)	209	He	424944.75	0.8	86.6	60	125	

Sample Report

File Name 200SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 17:02:36

Sample Name **460-255712-F-8-A@20**

Comment ---

Dilution **1.0000**

Vial # 3508

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.016	ug/l	57.8	2000	
B	11	6	No Gas	8.599	ug/l	4.2	500	
Na	23	45	He	169.285	ug/l	3.4	500000	
Mg	24	45	He	8.907	ug/l	9.6	500000	
Al	27	45	He	2.227	ug/l	69.0	200000	
K	39	45	He	29.507	ug/l	61.9	500000	
Ca	40	45	H2	39.430	ug/l	2.6	500000	
Ti	47	45	He	3.006	ug/l	71.3	5000	
V	51	45	He	-0.392	ug/l	N/A	5000	
Cr	52	45	He	-0.445	ug/l	N/A	20000	
Mn	55	45	He	0.109	ug/l	48.7	10000	
Fe	56	45	H2	1.097	ug/l	11.7	500000	
Co	59	45	He	0.011	ug/l	147.3	2000	
Ni	60	45	He	0.463	ug/l	61.5	20000	
Cu	63	45	He	0.194	ug/l	55.1	20000	
Zn	66	45	He	-1.171	ug/l	N/A	20000	
As	75	45	He	0.267	ug/l	121.4	5000	
Se	78	45	H2	-0.039	ug/l	N/A	2000	
Sr	88	115	He	0.215	ug/l	72.1	5000	
Mo	95	115	He	0.049	ug/l	68.0	2000	
Ag	107	115	He	0.000	ug/l	N/A	100	
Cd	111	115	He	0.047	ug/l	114.4	5000	
Sn	118	115	He	-0.120	ug/l	N/A	200	
Sb	121	74	He	-0.175	ug/l	N/A	200	
Ba	137	159	He	0.761	ug/l	18.7	20000	
Tl	205	209	He	-0.009	ug/l	N/A	1000	
[Pb]	206	209	He	-0.079	ug/l	N/A		
[Pb]	207	209	He	-0.134	ug/l	N/A		
Pb	208	209	He	-0.112	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3130228.88	2.0	81.2	60	125	
Sc (ISICPMS)	45	No Gas	3982116.06	0.5	80.6	60	125	
Sc (ISICPMS)	45	H2	1561445.32	2.9	76.2	60	125	
Sc (ISICPMS)	45	He	43502.88	1.1	73.7	60	125	
Ge (IS)	74	H2	289770.13	2.1	76.1	60	125	
Ge (IS)	74	He	24099.18	1.4	75.5	60	125	
Kr	83	He	23.36	65.5	58.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	79479.69	0.9	80.4	60	125	
Tb (IS)	159	He	493684.08	0.4	84.7	60	125	
Bi (IS)	209	He	447466.01	0.6	91.2	60	125	

Sample Report

File Name 201SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 17:04:56

Sample Name **460-255800-B-1-A**

Comment ---

Dilution **1.0000**

Vial # 3510

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.082	ug/l	5.9	2000	
B	11	6	No Gas	17.728	ug/l	2.1	500	
Na	23	45	He	3161.388	ug/l	2.3	500000	
Mg	24	45	He	1436.719	ug/l	0.8	500000	
Al	27	45	He	945.247	ug/l	1.7	200000	
K	39	45	He	16118.366	ug/l	1.4	500000	
Ca	40	45	H2	46339.773	ug/l	2.0	500000	
Ti	47	45	He	23.884	ug/l	6.3	5000	
V	51	45	He	1.618	ug/l	12.2	5000	
Cr	52	45	He	5.085	ug/l	7.3	20000	
Mn	55	45	He	57.002	ug/l	2.7	10000	
Fe	56	45	H2	2322.104	ug/l	3.0	500000	
Co	59	45	He	1.482	ug/l	3.9	2000	
Ni	60	45	He	5.536	ug/l	5.7	20000	
Cu	63	45	He	22.863	ug/l	1.7	20000	
Zn	66	45	He	28.511	ug/l	4.7	20000	
As	75	45	He	0.843	ug/l	24.6	5000	
Se	78	45	H2	0.387	ug/l	28.8	2000	
Sr	88	115	He	98.073	ug/l	2.5	5000	
Mo	95	115	He	1.688	ug/l	14.8	2000	
Ag	107	115	He	0.020	ug/l	1.2	100	
Cd	111	115	He	0.049	ug/l	114.3	5000	
Sn	118	115	He	0.090	ug/l	229.4	200	
Sb	121	74	He	0.309	ug/l	21.2	200	
Ba	137	159	He	19.511	ug/l	6.8	20000	
Tl	205	209	He	0.043	ug/l	21.2	1000	
[Pb]	206	209	He	2.679	ug/l	0.6		
[Pb]	207	209	He	2.290	ug/l	4.8		
Pb	208	209	He	2.474	ug/l	2.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3051994.33	0.8	79.2	60	125	
Sc (ISICPMS)	45	No Gas	3977417.77	0.7	80.5	60	125	
Sc (ISICPMS)	45	H2	1603836.09	2.2	78.3	60	125	
Sc (ISICPMS)	45	He	43073.84	0.8	73.0	60	125	
Ge (IS)	74	H2	311420.70	1.4	81.8	60	125	
Ge (IS)	74	He	25499.76	1.2	79.9	60	125	
Kr	83	He	30.03	33.3	75.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	76661.57	0.8	77.6	60	125	
Tb (IS)	159	He	492766.29	0.1	84.6	60	125	
Bi (IS)	209	He	437570.39	1.1	89.2	60	125	

Sample Report

File Name 202SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 17:07:15

Sample Name **460-255494-G-1-A**

Comment ---

Dilution **1.0000**

Vial # 3511

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.002	ug/l	487.4	2000	
B	11	6	No Gas	29.908	ug/l	2.2	500	
Na	23	45	He	6417.225	ug/l	0.7	500000	
Mg	24	45	He	9508.458	ug/l	1.7	500000	
Al	27	45	He	303.001	ug/l	6.7	200000	
K	39	45	He	1691.325	ug/l	1.2	500000	
Ca	40	45	H2	26253.992	ug/l	2.3	500000	
Ti	47	45	He	5.467	ug/l	26.8	5000	
V	51	45	He	0.487	ug/l	24.7	5000	
Cr	52	45	He	0.588	ug/l	35.3	20000	
Mn	55	45	He	78.664	ug/l	3.2	10000	
Fe	56	45	H2	450.076	ug/l	6.6	500000	
Co	59	45	He	0.449	ug/l	13.4	2000	
Ni	60	45	He	1.390	ug/l	13.4	20000	
Cu	63	45	He	4.772	ug/l	2.0	20000	
Zn	66	45	He	1.866	ug/l	8.5	20000	
As	75	45	He	0.338	ug/l	62.7	5000	
Se	78	45	H2	0.099	ug/l	92.3	2000	
Sr	88	115	He	99.636	ug/l	1.6	5000	
Mo	95	115	He	0.375	ug/l	18.5	2000	
Ag	107	115	He	0.006	ug/l	148.7	100	
Cd	111	115	He	0.012	ug/l	173.2	5000	
Sn	118	115	He	-0.193	ug/l	N/A	200	
Sb	121	74	He	0.041	ug/l	39.8	200	
Ba	137	159	He	14.292	ug/l	5.5	20000	
Tl	205	209	He	-0.013	ug/l	N/A	1000	
[Pb]	206	209	He	0.536	ug/l	0.8		
[Pb]	207	209	He	0.438	ug/l	6.9		
Pb	208	209	He	0.461	ug/l	2.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3135253.50	2.0	81.4	60	125	
Sc (ISICPMS)	45	No Gas	4061960.12	1.9	82.2	60	125	
Sc (ISICPMS)	45	H2	1624195.98	1.7	79.3	60	125	
Sc (ISICPMS)	45	He	43282.15	0.3	73.3	60	125	
Ge (IS)	74	H2	317272.07	0.7	83.3	60	125	
Ge (IS)	74	He	25894.27	2.7	81.2	60	125	
Kr	83	He	23.36	49.5	58.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	78055.80	0.7	79.0	60	125	
Tb (IS)	159	He	492926.99	0.8	84.6	60	125	
Bi (IS)	209	He	444959.24	0.8	90.7	60	125	

Sample Report

File Name 203SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 17:09:35

Sample Name **460-255715-B-16-C@10**

Comment ---

Dilution **1.0000**

Vial # 4108

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.024	ug/l	37.4	2000	
B	11	6	No Gas	13.586	ug/l	4.8	500	
Na	23	45	He	143205.968	ug/l	2.2	500000	
Mg	24	45	He	3870.310	ug/l	1.9	500000	
Al	27	45	He	24.492	ug/l	23.3	200000	
K	39	45	He	1230.280	ug/l	3.7	500000	
Ca	40	45	H2	11558.839	ug/l	1.4	500000	
Ti	47	45	He	0.406	ug/l	122.7	5000	
V	51	45	He	-0.314	ug/l	N/A	5000	
Cr	52	45	He	0.426	ug/l	68.7	20000	
Mn	55	45	He	114.746	ug/l	1.5	10000	
Fe	56	45	H2	9.651	ug/l	4.6	500000	
Co	59	45	He	1.041	ug/l	2.1	2000	
Ni	60	45	He	1.815	ug/l	8.9	20000	
Cu	63	45	He	0.886	ug/l	7.2	20000	
Zn	66	45	He	74.096	ug/l	4.0	20000	
As	75	45	He	0.037	ug/l	298.0	5000	
Se	78	45	H2	0.030	ug/l	94.5	2000	
Sr	88	115	He	19.787	ug/l	3.1	5000	
Mo	95	115	He	0.092	ug/l	7.9	2000	
Ag	107	115	He	0.010	ug/l	83.5	100	
Cd	111	115	He	0.294	ug/l	43.9	5000	
Sn	118	115	He	0.157	ug/l	55.5	200	
Sb	121	74	He	-0.183	ug/l	N/A	200	
Ba	137	159	He	43.774	ug/l	7.2	20000	
Tl	205	209	He	-0.007	ug/l	N/A	1000	
[Pb]	206	209	He	2.788	ug/l	2.4		
[Pb]	207	209	He	2.667	ug/l	3.6		
Pb	208	209	He	2.715	ug/l	1.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3021501.24	0.9	78.4	60	125	
Sc (ISICPMS)	45	No Gas	3969959.27	1.0	80.3	60	125	
Sc (ISICPMS)	45	H2	1606482.40	2.5	78.4	60	125	
Sc (ISICPMS)	45	He	42933.29	0.9	72.7	60	125	
Ge (IS)	74	H2	305289.05	1.1	80.1	60	125	
Ge (IS)	74	He	24654.18	2.3	77.3	60	125	
Kr	83	He	26.69	21.7	66.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	76041.44	1.7	77.0	60	125	
Tb (IS)	159	He	494907.13	0.6	85.0	60	125	
Bi (IS)	209	He	432255.82	0.8	88.1	60	125	

Sample Report

File Name 204SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 17:11:53

Sample Name **460-255715-A-17-D@10**

Comment ---

Dilution **1.0000**

Vial # 4109

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.016	ug/l	67.4	2000	
B	11	6	No Gas	11.927	ug/l	7.3	500	
Na	23	45	He	140495.174	ug/l	1.8	500000	
Mg	24	45	He	1564.526	ug/l	1.4	500000	
Al	27	45	He	20.960	ug/l	24.5	200000	
K	39	45	He	509.398	ug/l	2.8	500000	
Ca	40	45	H2	6444.950	ug/l	1.7	500000	
Ti	47	45	He	0.630	ug/l	119.6	5000	
V	51	45	He	-0.336	ug/l	N/A	5000	
Cr	52	45	He	0.099	ug/l	191.5	20000	
Mn	55	45	He	42.480	ug/l	1.7	10000	
Fe	56	45	H2	13.874	ug/l	3.7	500000	
Co	59	45	He	25.542	ug/l	1.8	2000	
Ni	60	45	He	2.513	ug/l	17.8	20000	
Cu	63	45	He	1.115	ug/l	5.3	20000	
Zn	66	45	He	18.504	ug/l	6.6	20000	
As	75	45	He	0.087	ug/l	217.3	5000	
Se	78	45	H2	-0.022	ug/l	N/A	2000	
Sr	88	115	He	28.541	ug/l	4.3	5000	
Mo	95	115	He	0.021	ug/l	82.4	2000	
Ag	107	115	He	0.000	ug/l	2418.4	100	
Cd	111	115	He	0.098	ug/l	57.5	5000	
Sn	118	115	He	0.059	ug/l	198.7	200	
Sb	121	74	He	-0.173	ug/l	N/A	200	
Ba	137	159	He	31.176	ug/l	9.4	20000	
Tl	205	209	He	-0.010	ug/l	N/A	1000	
[Pb]	206	209	He	10.494	ug/l	1.0		
[Pb]	207	209	He	10.156	ug/l	3.1		
Pb	208	209	He	10.234	ug/l	1.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3106658.60	1.8	80.6	60	125	
Sc (ISICPMS)	45	No Gas	4037900.75	2.2	81.7	60	125	
Sc (ISICPMS)	45	H2	1602351.59	1.0	78.2	60	125	
Sc (ISICPMS)	45	He	43735.91	1.3	74.1	60	125	
Ge (IS)	74	H2	304310.10	1.0	79.9	60	125	
Ge (IS)	74	He	25098.62	2.0	78.7	60	125	
Kr	83	He	20.02	50.0	50.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	76739.19	0.6	77.7	60	125	
Tb (IS)	159	He	494157.70	0.8	84.8	60	125	
Bi (IS)	209	He	435663.12	1.1	88.8	60	125	

Sample Report

File Name 205SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 17:14:11

Sample Name **460-255599-A-10-A**

Comment ---

Dilution **1.0000**

Vial # 2209

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.376	ug/l	4.3	2000	
B	11	6	No Gas	18.168	ug/l	2.3	500	
Na	23	45	He	520.156	ug/l	2.5	500000	
Mg	24	45	He	4384.745	ug/l	1.7	500000	
Al	27	45	He	93463.901	ug/l	1.0	200000	
K	39	45	He	1199.897	ug/l	1.2	500000	
Ca	40	45	H2	10338.758	ug/l	3.2	500000	
Ti	47	45	He	704.707	ug/l	1.9	5000	
V	51	45	He	223.669	ug/l	1.5	5000	
Cr	52	45	He	268.862	ug/l	0.4	20000	
Mn	55	45	He	252.075	ug/l	1.2	10000	
Fe	56	45	H2	407046.238	ug/l	1.2	500000	
Co	59	45	He	23.712	ug/l	2.4	2000	
Ni	60	45	He	41.998	ug/l	1.4	20000	
Cu	63	45	He	66.028	ug/l	3.9	20000	
Zn	66	45	He	170.615	ug/l	0.8	20000	
As	75	45	He	82.938	ug/l	2.9	5000	
Se	78	45	H2	3.161	ug/l	18.9	2000	
Sr	88	115	He	41.335	ug/l	0.4	5000	
Mo	95	115	He	11.919	ug/l	1.1	2000	
Ag	107	115	He	0.157	ug/l	9.1	100	
Cd	111	115	He	3.088	ug/l	8.3	5000	
Sn	118	115	He	4.309	ug/l	11.2	200	
Sb	121	74	He	0.788	ug/l	15.4	200	
Ba	137	159	He	108.548	ug/l	3.4	20000	
Tl	205	209	He	0.360	ug/l	5.1	1000	
[Pb]	206	209	He	129.070	ug/l	3.0		
[Pb]	207	209	He	123.328	ug/l	2.0		
Pb	208	209	He	125.959	ug/l	1.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2989721.41	1.1	77.6	60	125	
Sc (ISICPMS)	45	No Gas	4023658.85	2.5	81.4	60	125	
Sc (ISICPMS)	45	H2	1568071.80	1.1	76.5	60	125	
Sc (ISICPMS)	45	He	44082.49	0.5	74.7	60	125	
Ge (IS)	74	H2	310970.36	0.6	81.6	60	125	
Ge (IS)	74	He	26068.26	0.6	81.7	60	125	
Kr	83	He	46.71	32.7	116.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	76454.31	0.8	77.4	60	125	
Tb (IS)	159	He	497481.81	0.7	85.4	60	125	
Bi (IS)	209	He	432476.11	0.9	88.1	60	125	

Sample Report

File Name 206SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 17:16:30

Sample Name **460-255599-B-12-A**

Comment ---

Dilution **1.0000**

Vial # 2210

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	1.437	ug/l	3.6	2000	
B	11	6	No Gas	147.713	ug/l	3.4	500	
Na	23	45	He	18687.388	ug/l	1.1	500000	
Mg	24	45	He	37192.648	ug/l	1.1	500000	
Al	27	45	He	55131.705	ug/l	2.0	200000	
K	39	45	He	8891.996	ug/l	1.2	500000	
Ca	40	45	H2	166303.597	ug/l	0.7	500000	
Ti	47	45	He	1098.734	ug/l	3.2	5000	
V	51	45	He	114.584	ug/l	1.6	5000	
Cr	52	45	He	117.677	ug/l	1.7	20000	
Mn	55	45	He	2201.824	ug/l	1.4	10000	
Fe	56	45	H2	133134.273	ug/l	2.8	500000	
Co	59	45	He	40.174	ug/l	0.6	2000	
Ni	60	45	He	123.511	ug/l	0.8	20000	
Cu	63	45	He	274.295	ug/l	1.3	20000	
Zn	66	45	He	1856.908	ug/l	3.0	20000	
As	75	45	He	84.060	ug/l	1.2	5000	
Se	78	45	H2	44.837	ug/l	1.7	2000	
Sr	88	115	He	556.558	ug/l	1.6	5000	
Mo	95	115	He	18.065	ug/l	5.6	2000	
Ag	107	115	He	1.275	ug/l	10.2	100	
Cd	111	115	He	8.149	ug/l	8.4	5000	
Sn	118	115	He	22.722	ug/l	2.2	200	
Sb	121	74	He	10.004	ug/l	2.9	200	
Ba	137	159	He	7907.336	ug/l	0.4	20000	
Tl	205	209	He	0.810	ug/l	2.9	1000	
[Pb]	206	209	He	450.461	ug/l	0.3		
[Pb]	207	209	He	430.841	ug/l	1.1		
Pb	208	209	He	436.913	ug/l	0.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3103909.71	2.2	80.5	60	125	
Sc (ISICPMS)	45	No Gas	4044764.28	2.2	81.9	60	125	
Sc (ISICPMS)	45	H2	1614378.19	0.3	78.8	60	125	
Sc (ISICPMS)	45	He	43902.98	1.4	74.4	60	125	
Ge (IS)	74	H2	317538.44	1.0	83.4	60	125	
Ge (IS)	74	He	26476.11	1.0	83.0	60	125	
Kr	83	He	26.69	43.3	66.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	78618.44	1.6	79.6	60	125	
Tb (IS)	159	He	495504.03	0.9	85.1	60	125	
Bi (IS)	209	He	436810.82	0.4	89.0	60	125	

Sample Report

File Name 207SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 17:18:50

Sample Name **460-255599-B-14-A**

Comment ---

Dilution **1.0000**

Vial # 2211

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.908	ug/l	4.7	2000	
B	11	6	No Gas	52.498	ug/l	1.6	500	
Na	23	45	He	12371.380	ug/l	1.9	500000	
Mg	24	45	He	17653.904	ug/l	1.4	500000	
Al	27	45	He	43589.706	ug/l	1.5	200000	
K	39	45	He	6427.031	ug/l	1.4	500000	
Ca	40	45	H2	77746.927	ug/l	0.5	500000	
Ti	47	45	He	797.395	ug/l	0.5	5000	
V	51	45	He	72.241	ug/l	1.8	5000	
Cr	52	45	He	81.568	ug/l	2.0	20000	
Mn	55	45	He	7759.990	ug/l	1.5	10000	
Fe	56	45	H2	45107.821	ug/l	2.4	500000	
Co	59	45	He	68.143	ug/l	2.0	2000	
Ni	60	45	He	84.488	ug/l	2.1	20000	
Cu	63	45	He	175.030	ug/l	0.5	20000	
Zn	66	45	He	4766.085	ug/l	0.4	20000	
As	75	45	He	141.476	ug/l	0.8	5000	
Se	78	45	H2	894.301	ug/l	3.6	2000	
Sr	88	115	He	438.642	ug/l	2.4	5000	
Mo	95	115	He	8.567	ug/l	4.7	2000	
Ag	107	115	He	0.694	ug/l	5.0	100	
Cd	111	115	He	9.805	ug/l	6.2	5000	
Sn	118	115	He	18.477	ug/l	1.7	200	
Sb	121	74	He	27.832	ug/l	3.3	200	
Ba	137	159	He	39285.783	ug/l	0.4	20000	>LDR 6020B□>LDR 200.8
Tl	205	209	He	0.766	ug/l	1.8	1000	
[Pb]	206	209	He	376.874	ug/l	1.0		
[Pb]	207	209	He	363.394	ug/l	1.2		
Pb	208	209	He	369.199	ug/l	1.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3085294.85	1.6	80.1	60	125	
Sc (ISICPMS)	45	No Gas	4005814.68	1.0	81.1	60	125	
Sc (ISICPMS)	45	H2	1600236.00	1.5	78.1	60	125	
Sc (ISICPMS)	45	He	44348.87	0.6	75.1	60	125	
Ge (IS)	74	H2	315887.08	0.7	82.9	60	125	
Ge (IS)	74	He	26703.37	3.5	83.7	60	125	
Kr	83	He	40.04	75.0	100.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	78197.18	1.3	79.1	60	125	
Tb (IS)	159	He	492119.53	1.3	84.5	60	125	
Bi (IS)	209	He	442710.83	0.5	90.2	60	125	

Sample Report

File Name 208SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 17:21:08

Sample Name **460-255599-B-16-A**

Comment ---

Dilution **1.0000**

Vial # 2212

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.359	ug/l	5.6	2000	
B	11	6	No Gas	20.258	ug/l	2.8	500	
Na	23	45	He	323.829	ug/l	3.9	500000	
Mg	24	45	He	1501.562	ug/l	3.3	500000	
Al	27	45	He	17767.190	ug/l	0.4	200000	
K	39	45	He	990.374	ug/l	1.4	500000	
Ca	40	45	H2	2062.648	ug/l	2.3	500000	
Ti	47	45	He	506.821	ug/l	2.9	5000	
V	51	45	He	48.231	ug/l	1.5	5000	
Cr	52	45	He	50.225	ug/l	3.5	20000	
Mn	55	45	He	94.162	ug/l	2.2	10000	
Fe	56	45	H2	29578.453	ug/l	1.9	500000	
Co	59	45	He	3.915	ug/l	2.5	2000	
Ni	60	45	He	9.209	ug/l	3.5	20000	
Cu	63	45	He	10.176	ug/l	1.9	20000	
Zn	66	45	He	58.666	ug/l	6.4	20000	
As	75	45	He	27.055	ug/l	4.2	5000	
Se	78	45	H2	0.786	ug/l	24.9	2000	
Sr	88	115	He	40.530	ug/l	1.8	5000	
Mo	95	115	He	3.707	ug/l	8.5	2000	
Ag	107	115	He	0.031	ug/l	63.8	100	
Cd	111	115	He	0.145	ug/l	25.6	5000	
Sn	118	115	He	2.021	ug/l	13.6	200	
Sb	121	74	He	16.639	ug/l	0.5	200	
Ba	137	159	He	1274.861	ug/l	1.7	20000	
Tl	205	209	He	0.134	ug/l	12.0	1000	
[Pb]	206	209	He	18.709	ug/l	1.1		
[Pb]	207	209	He	18.078	ug/l	3.0		
Pb	208	209	He	18.493	ug/l	0.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3118919.64	0.4	80.9	60	125	
Sc (ISICPMS)	45	No Gas	4084409.06	2.1	82.7	60	125	
Sc (ISICPMS)	45	H2	1623141.80	1.9	79.2	60	125	
Sc (ISICPMS)	45	He	43721.32	1.0	74.1	60	125	
Ge (IS)	74	H2	316979.01	2.0	83.2	60	125	
Ge (IS)	74	He	26409.18	0.9	82.8	60	125	
Kr	83	He	16.68	34.6	41.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	77877.12	1.0	78.8	60	125	
Tb (IS)	159	He	496073.76	1.1	85.2	60	125	
Bi (IS)	209	He	444262.89	1.0	90.5	60	125	

Continuing Calibration Verification (CCV)

File Name 210_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 17:25:46

Sample Name **CCV 9767647**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	100.982	ug/l	2.4	100	90	110	
B	11	6	No Gas	251.414	ug/l	2.7	250	225	275	
Na	23	45	He	26874.253	ug/l	0.6	25000	22500	27500	
Mg	24	45	He	25924.850	ug/l	0.7	25000	22500	27500	
Al	27	45	He	24835.796	ug/l	0.7	25000	22500	27500	
K	39	45	He	24647.142	ug/l	1.2	25000	22500	27500	
Ca	40	45	H2	25156.477	ug/l	2.7	25000	22500	27500	
Ti	47	45	He	103.601	ug/l	5.3	100	90	110	
V	51	45	He	101.759	ug/l	1.3	100	90	110	
Cr	52	45	He	102.075	ug/l	1.6	100	90	110	
Mn	55	45	He	102.178	ug/l	3.1	100	90	110	
Fe	56	45	H2	26006.533	ug/l	1.8	25000	22500	27500	
Co	59	45	He	102.644	ug/l	1.7	100	90	110	
Ni	60	45	He	101.010	ug/l	0.8	100	90	110	
Cu	63	45	He	101.039	ug/l	2.0	100	90	110	
Zn	66	45	He	259.745	ug/l	1.3	250	225	275	
As	75	45	He	100.258	ug/l	2.0	100	90	110	
Se	78	45	H2	105.958	ug/l	3.1	100	90	110	
Sr	88	115	He	94.202	ug/l	4.2	100	90	110	
Mo	95	115	He	99.367	ug/l	1.6	100	90	110	
Ag	107	115	He	50.563	ug/l	0.8	50	45	55	
Cd	111	115	He	100.991	ug/l	1.0	100	90	110	
Sn	118	115	He	101.182	ug/l	2.3	100	90	110	
Sb	121	74	He	105.864	ug/l	1.2	100	90	110	
Ba	137	159	He	95.172	ug/l	3.4	100	90	110	
Tl	205	209	He	100.216	ug/l	2.0	100	90	110	
[Pb]	206	209	He	99.140	ug/l	1.2				
[Pb]	207	209	He	100.416	ug/l	0.5				
Pb	208	209	He	99.951	ug/l	0.7	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3073363.46	1.7	79.8	60	125	
Sc (ISICPMS)	45	No Gas	4086307.10	2.1	82.7	60	125	
Sc (ISICPMS)	45	H2	1606611.51	2.9	78.4	60	125	
Sc (ISICPMS)	45	He	43878.49	1.0	74.4	60	125	
Ge (IS)	74	H2	317523.22	0.9	83.4	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Ge (IS)	74	He	25717.03	2.3	80.6	60	125	
Kr	83	He	56.72	50.9	141.7			
In-1	115	He	79083.97	0.8	80.0	60	125	
Tb (IS)	159	He	498647.51	2.4	85.6	60	125	
Bi (IS)	209	He	438050.81	0.7	89.2	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 211_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 17:28:03

Sample Name **CCB**

Comment ---

Dilution 1.0000

Analyte Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.042	ug/l	28.2	0.8	-0.8	0.8	
B	11	6	No Gas	6.436	ug/l	6.5	40	-40	40	
Na	23	45	He	113.215	ug/l	6.1	500	-500	500	
Mg	24	45	He	3.042	ug/l	23.4	200	-200	200	
Al	27	45	He	2.028	ug/l	107.5	40	-40	40	
K	39	45	He	26.457	ug/l	71.8	200	-200	200	
Ca	40	45	H2	4.290	ug/l	4.6	500	-500	500	
Ti	47	45	He	0.931	ug/l	66.3	4	-4	4	
V	51	45	He	-0.556	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.256	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.126	ug/l	80.5	8	-8	8	
Fe	56	45	H2	1.200	ug/l	70.2	60	-60	60	
Co	59	45	He	0.016	ug/l	95.6	4	-4	4	
Ni	60	45	He	0.321	ug/l	45.6	4	-4	4	
Cu	63	45	He	0.012	ug/l	226.3	4	-4	4	
Zn	66	45	He	-2.178	ug/l	N/A	16	-16	16	
As	75	45	He	0.223	ug/l	164.8	2	-2	2	
Se	78	45	H2	0.385	ug/l	33.5	2.5	-2.5	2.5	
Sr	88	115	He	0.126	ug/l	140.0	4	-4	4	
Mo	95	115	He	0.035	ug/l	63.5	4	-4	4	
Ag	107	115	He	0.013	ug/l	298.1	2	-2	2	
Cd	111	115	He	0.047	ug/l	42.9	2	-2	2	
Sn	118	115	He	0.069	ug/l	357.9	16	-16	16	
Sb	121	74	He	-0.091	ug/l	N/A	2	-2	2	
Ba	137	159	He	0.759	ug/l	18.4	4	-4	4	
Tl	205	209	He	-0.002	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	-0.088	ug/l	N/A				
[Pb]	207	209	He	-0.137	ug/l	N/A				
Pb	208	209	He	-0.119	ug/l	N/A	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3148189.78	1.7	81.7	60	125	
Sc (ISICPMS)	45	No Gas	4046729.16	2.9	81.9	60	125	
Sc (ISICPMS)	45	H2	1605743.71	1.7	78.4	60	125	
Sc (ISICPMS)	45	He	44232.97	0.6	75.0	60	125	
Ge (IS)	74	H2	306268.37	0.8	80.4	60	125	
Ge (IS)	74	He	24643.93	2.0	77.3	60	125	
Kr	83	He	26.69	21.7	66.7			
In-1	115	He	78845.89	0.5	79.8	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Tb (IS)	159	He	497462.28	1.1	85.4	60	125	
Bi (IS)	209	He	444836.44	1.4	90.6	60	125	

Sample Report

File Name 212SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 17:30:24

Sample Name **MB 460-838313/1-A**

Comment ---

Dilution **1.0000**

Vial # 4101

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.008	ug/l	127.9	2000	
B	11	6	No Gas	3.895	ug/l	3.7	500	
Na	23	45	He	100.065	ug/l	3.5	500000	
Mg	24	45	He	2.462	ug/l	52.8	500000	
Al	27	45	He	0.171	ug/l	433.5	200000	
K	39	45	He	23.764	ug/l	96.3	500000	
Ca	40	45	H2	3.613	ug/l	13.4	500000	
Ti	47	45	He	-0.079	ug/l	N/A	5000	
V	51	45	He	-0.543	ug/l	N/A	5000	
Cr	52	45	He	-0.330	ug/l	N/A	20000	
Mn	55	45	He	0.180	ug/l	76.0	10000	
Fe	56	45	H2	-0.084	ug/l	N/A	500000	
Co	59	45	He	0.004	ug/l	138.4	2000	
Ni	60	45	He	0.137	ug/l	88.3	20000	
Cu	63	45	He	-0.030	ug/l	N/A	20000	
Zn	66	45	He	-2.222	ug/l	N/A	20000	
As	75	45	He	0.012	ug/l	438.5	5000	
Se	78	45	H2	-0.077	ug/l	N/A	2000	
Sr	88	115	He	0.063	ug/l	123.1	5000	
Mo	95	115	He	0.035	ug/l	63.2	2000	
Ag	107	115	He	-0.004	ug/l	N/A	100	
Cd	111	115	He	0.024	ug/l	86.6	5000	
Sn	118	115	He	0.083	ug/l	244.9	200	
Sb	121	74	He	-0.180	ug/l	N/A	200	
Ba	137	159	He	0.713	ug/l	41.7	20000	
Tl	205	209	He	-0.010	ug/l	N/A	1000	
[Pb]	206	209	He	-0.144	ug/l	N/A		
[Pb]	207	209	He	-0.154	ug/l	N/A		
Pb	208	209	He	-0.142	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3284879.71	3.2	85.2	60	125	
Sc (ISICPMS)	45	No Gas	4169532.87	1.5	84.4	60	125	
Sc (ISICPMS)	45	H2	1638058.53	1.0	79.9	60	125	
Sc (ISICPMS)	45	He	44528.31	1.2	75.5	60	125	
Ge (IS)	74	H2	308696.79	0.3	81.0	60	125	
Ge (IS)	74	He	25346.12	2.5	79.5	60	125	
Kr	83	He	20.02	50.0	50.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	79686.92	0.6	80.6	60	125	
Tb (IS)	159	He	499928.29	0.8	85.8	60	125	
Bi (IS)	209	He	450223.74	1.3	91.7	60	125	

Sample Report

File Name 213SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 17:32:45

Sample Name **LB 460-838170/1-B@10**

Comment ---

Dilution **1.0000**

Vial # 4110

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.001	ug/l	838.9	2000	
B	11	6	No Gas	5.203	ug/l	5.2	500	
Na	23	45	He	148801.020	ug/l	0.5	500000	
Mg	24	45	He	3.058	ug/l	37.4	500000	
Al	27	45	He	4.271	ug/l	62.9	200000	
K	39	45	He	41.945	ug/l	8.5	500000	
Ca	40	45	H2	10.944	ug/l	6.5	500000	
Ti	47	45	He	3.206	ug/l	99.9	5000	
V	51	45	He	-0.522	ug/l	N/A	5000	
Cr	52	45	He	-0.204	ug/l	N/A	20000	
Mn	55	45	He	0.375	ug/l	86.4	10000	
Fe	56	45	H2	20.020	ug/l	4.3	500000	
Co	59	45	He	-0.001	ug/l	N/A	2000	
Ni	60	45	He	0.724	ug/l	34.0	20000	
Cu	63	45	He	0.183	ug/l	6.5	20000	
Zn	66	45	He	-1.735	ug/l	N/A	20000	
As	75	45	He	0.314	ug/l	195.6	5000	
Se	78	45	H2	0.190	ug/l	168.0	2000	
Sr	88	115	He	0.231	ug/l	116.2	5000	
Mo	95	115	He	0.065	ug/l	91.9	2000	
Ag	107	115	He	0.008	ug/l	110.4	100	
Cd	111	115	He	0.229	ug/l	173.2	5000	
Sn	118	115	He	0.132	ug/l	197.0	200	
Sb	121	74	He	-0.058	ug/l	N/A	200	
Ba	137	159	He	0.903	ug/l	32.2	20000	
Tl	205	209	He	-0.012	ug/l	N/A	1000	
[Pb]	206	209	He	-0.101	ug/l	N/A		
[Pb]	207	209	He	-0.087	ug/l	N/A		
Pb	208	209	He	-0.108	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3035867.84	0.2	78.8	60	125	
Sc (ISICPMS)	45	No Gas	4018586.34	2.2	81.3	60	125	
Sc (ISICPMS)	45	H2	1620638.95	1.8	79.1	60	125	
Sc (ISICPMS)	45	He	44112.47	0.9	74.7	60	125	
Ge (IS)	74	H2	312247.51	1.0	82.0	60	125	
Ge (IS)	74	He	25496.52	1.3	79.9	60	125	
Kr	83	He	26.69	78.1	66.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	78228.71	1.8	79.2	60	125	
Tb (IS)	159	He	499138.40	1.7	85.7	60	125	
Bi (IS)	209	He	436162.24	1.3	88.9	60	125	

Sample Report

File Name 214SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 17:35:04

Sample Name **LB 460-838296/1-B@10**

Comment ---

Dilution **1.0000**

Vial # 4111

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.024	ug/l	93.9	2000	
B	11	6	No Gas	4.199	ug/l	8.0	500	
Na	23	45	He	132.913	ug/l	4.4	500000	
Mg	24	45	He	3.092	ug/l	39.8	500000	
Al	27	45	He	4.576	ug/l	65.8	200000	
K	39	45	He	47.616	ug/l	27.4	500000	
Ca	40	45	H2	6.464	ug/l	12.3	500000	
Ti	47	45	He	4.475	ug/l	40.4	5000	
V	51	45	He	-0.539	ug/l	N/A	5000	
Cr	52	45	He	-0.369	ug/l	N/A	20000	
Mn	55	45	He	0.379	ug/l	91.5	10000	
Fe	56	45	H2	0.288	ug/l	145.7	500000	
Co	59	45	He	0.022	ug/l	161.5	2000	
Ni	60	45	He	0.653	ug/l	25.2	20000	
Cu	63	45	He	0.082	ug/l	71.8	20000	
Zn	66	45	He	-0.618	ug/l	N/A	20000	
As	75	45	He	0.404	ug/l	68.1	5000	
Se	78	45	H2	0.345	ug/l	89.3	2000	
Sr	88	115	He	0.158	ug/l	159.6	5000	
Mo	95	115	He	0.070	ug/l	84.5	2000	
Ag	107	115	He	0.028	ug/l	32.4	100	
Cd	111	115	He	0.179	ug/l	53.6	5000	
Sn	118	115	He	0.050	ug/l	286.6	200	
Sb	121	74	He	-0.022	ug/l	N/A	200	
Ba	137	159	He	0.760	ug/l	18.6	20000	
Tl	205	209	He	-0.009	ug/l	N/A	1000	
[Pb]	206	209	He	-0.122	ug/l	N/A		
[Pb]	207	209	He	-0.115	ug/l	N/A		
Pb	208	209	He	-0.131	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3154059.78	0.4	81.9	60	125	
Sc (ISICPMS)	45	No Gas	4082223.62	1.5	82.6	60	125	
Sc (ISICPMS)	45	H2	1616163.92	2.1	78.9	60	125	
Sc (ISICPMS)	45	He	43783.72	1.0	74.2	60	125	
Ge (IS)	74	H2	304878.02	1.5	80.0	60	125	
Ge (IS)	74	He	24433.49	1.3	76.6	60	125	
Kr	83	He	23.36	89.2	58.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	78625.28	0.9	79.6	60	125	
Tb (IS)	159	He	495616.21	0.7	85.1	60	125	
Bi (IS)	209	He	444104.60	0.8	90.5	60	125	

Sample Report

File Name 215SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 17:37:25

Sample Name **LCS 460-838313/2-A@10**

Comment ---

Dilution **1.0000**

Vial # 4102

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	102.661	ug/l	2.5	2000	
B	11	6	No Gas	102.051	ug/l	2.3	500	
Na	23	45	He	2349.299	ug/l	1.4	500000	
Mg	24	45	He	2200.820	ug/l	1.6	500000	
Al	27	45	He	535.381	ug/l	3.7	200000	
K	39	45	He	2102.115	ug/l	1.5	500000	
Ca	40	45	H2	2195.897	ug/l	2.5	500000	
Ti	47	45	He	109.172	ug/l	5.2	5000	
V	51	45	He	53.481	ug/l	2.7	5000	
Cr	52	45	He	552.802	ug/l	0.3	20000	
Mn	55	45	He	113.050	ug/l	2.2	10000	
Fe	56	45	H2	108.785	ug/l	2.3	500000	
Co	59	45	He	109.642	ug/l	0.1	2000	
Ni	60	45	He	112.150	ug/l	0.3	20000	
Cu	63	45	He	109.321	ug/l	1.9	20000	
Zn	66	45	He	113.686	ug/l	1.2	20000	
As	75	45	He	549.786	ug/l	0.9	5000	
Se	78	45	H2	106.752	ug/l	2.7	2000	
Sr	88	115	He	101.542	ug/l	3.2	5000	
Mo	95	115	He	107.199	ug/l	1.2	2000	
Ag	107	115	He	53.527	ug/l	2.4	100	
Cd	111	115	He	107.404	ug/l	1.1	5000	
Sn	118	115	He	105.943	ug/l	2.3	200	
Sb	121	74	He	118.128	ug/l	2.2	200	
Ba	137	159	He	1023.835	ug/l	1.3	20000	
Tl	205	209	He	108.035	ug/l	0.8	1000	
[Pb]	206	209	He	529.223	ug/l	1.1		
[Pb]	207	209	He	533.481	ug/l	1.1		
Pb	208	209	He	529.842	ug/l	1.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3091148.88	2.1	80.2	60	125	
Sc (ISICPMS)	45	No Gas	4057215.14	1.7	82.1	60	125	
Sc (ISICPMS)	45	H2	1603405.79	2.2	78.2	60	125	
Sc (ISICPMS)	45	He	43157.24	0.5	73.1	60	125	
Ge (IS)	74	H2	308348.46	0.7	81.0	60	125	
Ge (IS)	74	He	25325.96	0.9	79.4	60	125	
Kr	83	He	40.04	114.6	100.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	78627.00	0.7	79.6	60	125	
Tb (IS)	159	He	498244.32	0.4	85.5	60	125	
Bi (IS)	209	He	441911.88	1.2	90.0	60	125	

Sample Report

File Name 216SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 17:39:45

Sample Name **pds 460-255713-A-7-E@10**

Comment ---

Dilution **1.0000**

Vial # 4103

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	27.636	ug/l	2.2	2000	
B	11	6	No Gas	552.959	ug/l	1.3	500	>LDR 6020B
Na	23	45	He	151650.875	ug/l	3.2	500000	
Mg	24	45	He	3996.774	ug/l	1.7	500000	
Al	27	45	He	2777.900	ug/l	2.3	200000	
K	39	45	He	3353.246	ug/l	2.9	500000	
Ca	40	45	H2	70665.179	ug/l	2.4	500000	
Ti	47	45	He	58.703	ug/l	5.2	5000	
V	51	45	He	57.361	ug/l	3.0	5000	
Cr	52	45	He	57.523	ug/l	0.8	20000	
Mn	55	45	He	445.210	ug/l	0.9	10000	
Fe	56	45	H2	2871.616	ug/l	1.0	500000	
Co	59	45	He	31.482	ug/l	1.7	2000	
Ni	60	45	He	89.902	ug/l	2.9	20000	
Cu	63	45	He	57.247	ug/l	2.5	20000	
Zn	66	45	He	428.405	ug/l	1.6	20000	
As	75	45	He	57.650	ug/l	1.4	5000	
Se	78	45	H2	58.597	ug/l	3.3	2000	
Sr	88	115	He	310.563	ug/l	0.7	5000	
Mo	95	115	He	59.273	ug/l	2.4	2000	
Ag	107	115	He	21.752	ug/l	1.6	100	
Cd	111	115	He	29.445	ug/l	3.9	5000	
Sn	118	115	He	60.473	ug/l	1.8	200	
Sb	121	74	He	31.788	ug/l	4.1	200	
Ba	137	159	He	123.657	ug/l	4.6	20000	
Tl	205	209	He	22.064	ug/l	1.7	1000	
[Pb]	206	209	He	37.288	ug/l	3.2		
[Pb]	207	209	He	36.812	ug/l	0.9		
Pb	208	209	He	37.152	ug/l	1.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3093770.12	2.5	80.3	60	125	
Sc (ISICPMS)	45	No Gas	4030829.83	1.8	81.6	60	125	
Sc (ISICPMS)	45	H2	1623521.90	0.8	79.2	60	125	
Sc (ISICPMS)	45	He	43208.61	1.0	73.2	60	125	
Ge (IS)	74	H2	310295.37	1.3	81.5	60	125	
Ge (IS)	74	He	25931.03	2.6	81.3	60	125	
Kr	83	He	33.37	17.3	83.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	76602.14	1.6	77.5	60	125	
Tb (IS)	159	He	493780.48	0.6	84.8	60	125	
Bi (IS)	209	He	434601.25	0.4	88.5	60	125	

Sample Report

File Name 217SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 17:42:03

Sample Name **460-255713-A-7-G MS@10**

Comment ---

Dilution **1.0000**

Vial # 4104

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	105.350	ug/l	1.2	2000	
B	11	6	No Gas	123.991	ug/l	0.9	500	
Na	23	45	He	140770.793	ug/l	2.4	500000	
Mg	24	45	He	3209.726	ug/l	1.9	500000	
Al	27	45	He	532.710	ug/l	2.1	200000	
K	39	45	He	2630.898	ug/l	2.3	500000	
Ca	40	45	H2	66543.620	ug/l	2.1	500000	
Ti	47	45	He	104.746	ug/l	1.2	5000	
V	51	45	He	53.638	ug/l	2.5	5000	
Cr	52	45	He	541.255	ug/l	0.5	20000	
Mn	55	45	He	263.780	ug/l	2.6	10000	
Fe	56	45	H2	115.343	ug/l	1.0	500000	
Co	59	45	He	110.181	ug/l	1.6	2000	
Ni	60	45	He	136.882	ug/l	1.3	20000	
Cu	63	45	He	107.526	ug/l	1.9	20000	
Zn	66	45	He	241.672	ug/l	2.3	20000	
As	75	45	He	534.969	ug/l	1.7	5000	
Se	78	45	H2	108.275	ug/l	1.2	2000	
Sr	88	115	He	338.569	ug/l	1.4	5000	
Mo	95	115	He	106.891	ug/l	1.1	2000	
Ag	107	115	He	52.572	ug/l	1.8	100	
Cd	111	115	He	108.882	ug/l	2.7	5000	
Sn	118	115	He	110.108	ug/l	2.6	200	
Sb	121	74	He	120.047	ug/l	2.5	200	
Ba	137	159	He	1079.259	ug/l	2.0	20000	
Tl	205	209	He	108.179	ug/l	1.1	1000	
[Pb]	206	209	He	544.535	ug/l	1.9		
[Pb]	207	209	He	542.980	ug/l	1.3		
Pb	208	209	He	542.705	ug/l	1.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3065329.40	3.5	79.5	60	125	
Sc (ISICPMS)	45	No Gas	3977090.28	2.2	80.5	60	125	
Sc (ISICPMS)	45	H2	1575616.19	0.8	76.9	60	125	
Sc (ISICPMS)	45	He	43758.16	1.3	74.1	60	125	
Ge (IS)	74	H2	305417.86	2.0	80.2	60	125	
Ge (IS)	74	He	25095.52	2.4	78.7	60	125	
Kr	83	He	23.36	24.7	58.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	77766.86	1.2	78.7	60	125	
Tb (IS)	159	He	494361.55	1.4	84.9	60	125	
Bi (IS)	209	He	437102.11	0.8	89.1	60	125	

Sample Report

File Name 218SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 17:44:21

Sample Name **460-255713-A-7-F DU@10**

Comment ---

Dilution **1.0000**

Vial # 4105

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.022	ug/l	21.7	2000	
B	11	6	No Gas	22.320	ug/l	4.8	500	
Na	23	45	He	144335.644	ug/l	3.3	500000	
Mg	24	45	He	1067.349	ug/l	3.0	500000	
Al	27	45	He	7.246	ug/l	13.1	200000	
K	39	45	He	592.958	ug/l	6.7	500000	
Ca	40	45	H2	66416.846	ug/l	2.7	500000	
Ti	47	45	He	0.089	ug/l	312.9	5000	
V	51	45	He	-0.379	ug/l	N/A	5000	
Cr	52	45	He	-0.094	ug/l	N/A	20000	
Mn	55	45	He	154.274	ug/l	0.3	10000	
Fe	56	45	H2	10.922	ug/l	16.6	500000	
Co	59	45	He	2.369	ug/l	9.4	2000	
Ni	60	45	He	29.314	ug/l	3.4	20000	
Cu	63	45	He	0.815	ug/l	4.8	20000	
Zn	66	45	He	138.505	ug/l	1.8	20000	
As	75	45	He	0.340	ug/l	25.8	5000	
Se	78	45	H2	0.199	ug/l	88.3	2000	
Sr	88	115	He	249.456	ug/l	3.9	5000	
Mo	95	115	He	0.918	ug/l	8.9	2000	
Ag	107	115	He	0.003	ug/l	71.1	100	
Cd	111	115	He	0.193	ug/l	28.4	5000	
Sn	118	115	He	-0.133	ug/l	N/A	200	
Sb	121	74	He	0.838	ug/l	24.0	200	
Ba	137	159	He	67.789	ug/l	1.8	20000	
Tl	205	209	He	0.004	ug/l	210.5	1000	
[Pb]	206	209	He	8.736	ug/l	3.0		
[Pb]	207	209	He	8.462	ug/l	3.1		
Pb	208	209	He	8.547	ug/l	2.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3062144.47	1.7	79.5	60	125	
Sc (ISICPMS)	45	No Gas	4015257.96	1.6	81.3	60	125	
Sc (ISICPMS)	45	H2	1639048.21	2.7	80.0	60	125	
Sc (ISICPMS)	45	He	43082.68	2.4	73.0	60	125	
Ge (IS)	74	H2	310914.24	1.2	81.6	60	125	
Ge (IS)	74	He	25138.76	2.6	78.8	60	125	
Kr	83	He	23.36	24.7	58.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	77460.14	2.1	78.4	60	125	
Tb (IS)	159	He	493388.08	0.3	84.7	60	125	
Bi (IS)	209	He	439311.05	1.2	89.5	60	125	

Sample Report

File Name 219SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 17:46:40

Sample Name **460-255713-A-7-E@10**

Comment ---

Dilution **1.0000**

Vial # 4106

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.008	ug/l	107.0	2000	
B	11	6	No Gas	20.774	ug/l	3.8	500	
Na	23	45	He	149125.450	ug/l	2.5	500000	
Mg	24	45	He	1124.054	ug/l	2.0	500000	
Al	27	45	He	6.392	ug/l	12.5	200000	
K	39	45	He	624.259	ug/l	5.3	500000	
Ca	40	45	H2	69215.925	ug/l	1.8	500000	
Ti	47	45	He	0.331	ug/l	111.5	5000	
V	51	45	He	-0.404	ug/l	N/A	5000	
Cr	52	45	He	-0.120	ug/l	N/A	20000	
Mn	55	45	He	165.591	ug/l	2.0	10000	
Fe	56	45	H2	10.362	ug/l	0.8	500000	
Co	59	45	He	2.484	ug/l	2.6	2000	
Ni	60	45	He	30.901	ug/l	2.1	20000	
Cu	63	45	He	0.882	ug/l	7.2	20000	
Zn	66	45	He	139.942	ug/l	0.6	20000	
As	75	45	He	0.184	ug/l	78.3	5000	
Se	78	45	H2	0.104	ug/l	52.2	2000	
Sr	88	115	He	259.458	ug/l	2.4	5000	
Mo	95	115	He	0.935	ug/l	22.0	2000	
Ag	107	115	He	-0.001	ug/l	N/A	100	
Cd	111	115	He	0.222	ug/l	49.6	5000	
Sn	118	115	He	-0.063	ug/l	N/A	200	
Sb	121	74	He	0.800	ug/l	12.9	200	
Ba	137	159	He	72.077	ug/l	1.4	20000	
Tl	205	209	He	-0.006	ug/l	N/A	1000	
[Pb]	206	209	He	8.966	ug/l	2.6		
[Pb]	207	209	He	8.808	ug/l	1.9		
Pb	208	209	He	8.918	ug/l	1.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3056657.35	1.9	79.3	60	125	
Sc (ISICPMS)	45	No Gas	3939811.31	0.7	79.7	60	125	
Sc (ISICPMS)	45	H2	1588424.54	1.6	77.5	60	125	
Sc (ISICPMS)	45	He	42658.11	0.2	72.3	60	125	
Ge (IS)	74	H2	307332.34	1.5	80.7	60	125	
Ge (IS)	74	He	25549.97	3.8	80.1	60	125	
Kr	83	He	33.37	69.3	83.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	75937.83	1.0	76.8	60	125	
Tb (IS)	159	He	495118.75	0.4	85.0	60	125	
Bi (IS)	209	He	433028.40	1.2	88.2	60	125	

Sample Report

File Name 220SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 17:48:59

Sample Name **460-255712-F-7-A@20**

Comment ---

Dilution **1.0000**

Vial # 3507

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.008	ug/l	203.0	2000	
B	11	6	No Gas	154.011	ug/l	1.5	500	
Na	23	45	He	379537.439	ug/l	1.3	500000	
Mg	24	45	He	45506.747	ug/l	1.6	500000	
Al	27	45	He	5.827	ug/l	47.0	200000	
K	39	45	He	13189.218	ug/l	0.1	500000	
Ca	40	45	H2	15438.072	ug/l	0.4	500000	
Ti	47	45	He	0.249	ug/l	97.2	5000	
V	51	45	He	-0.445	ug/l	N/A	5000	
Cr	52	45	He	-0.037	ug/l	N/A	20000	
Mn	55	45	He	0.935	ug/l	15.8	10000	
Fe	56	45	H2	9.516	ug/l	1.4	500000	
Co	59	45	He	0.019	ug/l	141.5	2000	
Ni	60	45	He	0.601	ug/l	56.3	20000	
Cu	63	45	He	0.235	ug/l	5.3	20000	
Zn	66	45	He	-1.061	ug/l	N/A	20000	
As	75	45	He	0.255	ug/l	32.9	5000	
Se	78	45	H2	0.126	ug/l	25.9	2000	
Sr	88	115	He	261.095	ug/l	3.2	5000	
Mo	95	115	He	1.094	ug/l	13.5	2000	
Ag	107	115	He	0.009	ug/l	39.5	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	0.040	ug/l	161.7	200	
Sb	121	74	He	-0.016	ug/l	N/A	200	
Ba	137	159	He	2.719	ug/l	7.0	20000	
Tl	205	209	He	-0.009	ug/l	N/A	1000	
[Pb]	206	209	He	0.065	ug/l	97.0		
[Pb]	207	209	He	-0.009	ug/l	N/A		
Pb	208	209	He	0.026	ug/l	106.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2961955.96	0.9	76.9	60	125	
Sc (ISICPMS)	45	No Gas	3893998.10	1.0	78.8	60	125	
Sc (ISICPMS)	45	H2	1563654.13	0.9	76.3	60	125	
Sc (ISICPMS)	45	He	42748.31	1.1	72.4	60	125	
Ge (IS)	74	H2	308750.53	2.5	81.1	60	125	
Ge (IS)	74	He	25289.18	1.5	79.3	60	125	
Kr	83	He	36.70	56.8	91.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	76179.00	1.4	77.1	60	125	
Tb (IS)	159	He	493289.83	1.7	84.7	60	125	
Bi (IS)	209	He	422389.26	0.7	86.1	60	125	

Sample Report

File Name 221SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 17:51:17

Sample Name **sd 460-255713-A-7-E@50**

Comment ---

Dilution **1.0000**

Vial # 4107

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.011	ug/l	107.9	2000	
B	11	6	No Gas	8.981	ug/l	3.9	500	
Na	23	45	He	32838.394	ug/l	1.8	500000	
Mg	24	45	He	250.325	ug/l	2.6	500000	
Al	27	45	He	5.445	ug/l	25.6	200000	
K	39	45	He	161.379	ug/l	16.4	500000	
Ca	40	45	H2	15481.675	ug/l	1.0	500000	
Ti	47	45	He	0.950	ug/l	137.7	5000	
V	51	45	He	-0.428	ug/l	N/A	5000	
Cr	52	45	He	-0.260	ug/l	N/A	20000	
Mn	55	45	He	34.679	ug/l	1.8	10000	
Fe	56	45	H2	2.868	ug/l	4.4	500000	
Co	59	45	He	0.548	ug/l	13.5	2000	
Ni	60	45	He	7.030	ug/l	4.8	20000	
Cu	63	45	He	0.255	ug/l	13.8	20000	
Zn	66	45	He	30.163	ug/l	7.9	20000	
As	75	45	He	0.071	ug/l	149.1	5000	
Se	78	45	H2	0.055	ug/l	269.1	2000	
Sr	88	115	He	56.295	ug/l	1.3	5000	
Mo	95	115	He	0.247	ug/l	16.1	2000	
Ag	107	115	He	0.007	ug/l	104.8	100	
Cd	111	115	He	0.072	ug/l	50.3	5000	
Sn	118	115	He	-0.019	ug/l	N/A	200	
Sb	121	74	He	0.118	ug/l	60.8	200	
Ba	137	159	He	17.525	ug/l	7.7	20000	
Tl	205	209	He	-0.007	ug/l	N/A	1000	
[Pb]	206	209	He	1.870	ug/l	6.0		
[Pb]	207	209	He	1.858	ug/l	3.2		
Pb	208	209	He	1.816	ug/l	3.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3020251.73	1.6	78.4	60	125	
Sc (ISICPMS)	45	No Gas	3953130.94	1.3	80.0	60	125	
Sc (ISICPMS)	45	H2	1546327.79	0.6	75.5	60	125	
Sc (ISICPMS)	45	He	43360.20	0.9	73.5	60	125	
Ge (IS)	74	H2	300589.39	1.3	78.9	60	125	
Ge (IS)	74	He	24670.98	1.2	77.3	60	125	
Kr	83	He	16.68	91.7	41.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	78079.00	1.5	79.0	60	125	
Tb (IS)	159	He	496382.79	0.9	85.2	60	125	
Bi (IS)	209	He	446015.84	0.2	90.9	60	125	

Continuing Calibration Verification (CCV)

File Name 222_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 17:53:35

Sample Name **CCV 9767647**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	97.255	ug/l	1.4	100	90	110	
B	11	6	No Gas	242.667	ug/l	1.4	250	225	275	
Na	23	45	He	26822.659	ug/l	1.2	25000	22500	27500	
Mg	24	45	He	25688.784	ug/l	0.4	25000	22500	27500	
Al	27	45	He	25084.735	ug/l	1.1	25000	22500	27500	
K	39	45	He	24427.171	ug/l	1.0	25000	22500	27500	
Ca	40	45	H2	24546.366	ug/l	0.5	25000	22500	27500	
Ti	47	45	He	102.011	ug/l	2.5	100	90	110	
V	51	45	He	101.158	ug/l	2.1	100	90	110	
Cr	52	45	He	100.909	ug/l	2.4	100	90	110	
Mn	55	45	He	102.359	ug/l	2.2	100	90	110	
Fe	56	45	H2	25493.654	ug/l	0.9	25000	22500	27500	
Co	59	45	He	104.087	ug/l	1.2	100	90	110	
Ni	60	45	He	101.767	ug/l	1.3	100	90	110	
Cu	63	45	He	103.119	ug/l	0.6	100	90	110	
Zn	66	45	He	261.191	ug/l	0.7	250	225	275	
As	75	45	He	100.483	ug/l	3.3	100	90	110	
Se	78	45	H2	105.137	ug/l	4.9	100	90	110	
Sr	88	115	He	93.760	ug/l	0.6	100	90	110	
Mo	95	115	He	100.036	ug/l	1.5	100	90	110	
Ag	107	115	He	51.100	ug/l	0.4	50	45	55	
Cd	111	115	He	101.480	ug/l	1.7	100	90	110	
Sn	118	115	He	101.171	ug/l	0.2	100	90	110	
Sb	121	74	He	107.698	ug/l	3.1	100	90	110	
Ba	137	159	He	94.058	ug/l	3.9	100	90	110	
Tl	205	209	He	100.226	ug/l	0.7	100	90	110	
[Pb]	206	209	He	99.889	ug/l	1.0				
[Pb]	207	209	He	99.610	ug/l	0.7				
Pb	208	209	He	99.610	ug/l	0.7	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3056519.16	1.2	79.3	60	125	
Sc (ISICPMS)	45	No Gas	3935587.59	1.2	79.7	60	125	
Sc (ISICPMS)	45	H2	1586237.25	1.6	77.4	60	125	
Sc (ISICPMS)	45	He	42444.02	0.9	71.9	60	125	
Ge (IS)	74	H2	309090.59	0.8	81.1	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Ge (IS)	74	He	24817.80	1.5	77.8	60	125	
Kr	83	He	26.69	43.3	66.7			
In-1	115	He	76384.77	1.0	77.3	60	125	
Tb (IS)	159	He	492206.35	1.3	84.5	60	125	
Bi (IS)	209	He	436396.84	0.3	88.9	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 223_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM041022.b

Acq Time 2022-04-10 17:55:52

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.024	ug/l	28.8	0.8	-0.8	0.8	
B	11	6	No Gas	6.501	ug/l	2.8	40	-40	40	
Na	23	45	He	151.878	ug/l	5.9	500	-500	500	
Mg	24	45	He	1.546	ug/l	54.2	200	-200	200	
Al	27	45	He	0.036	ug/l	2847.7	40	-40	40	
K	39	45	He	20.753	ug/l	65.0	200	-200	200	
Ca	40	45	H2	3.339	ug/l	22.3	500	-500	500	
Ti	47	45	He	0.329	ug/l	111.0	4	-4	4	
V	51	45	He	-0.445	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.103	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.183	ug/l	77.2	8	-8	8	
Fe	56	45	H2	0.499	ug/l	97.7	60	-60	60	
Co	59	45	He	-0.009	ug/l	N/A	4	-4	4	
Ni	60	45	He	0.187	ug/l	23.1	4	-4	4	
Cu	63	45	He	0.006	ug/l	315.3	4	-4	4	
Zn	66	45	He	-2.398	ug/l	N/A	16	-16	16	
As	75	45	He	-0.034	ug/l	N/A	2	-2	2	
Se	78	45	H2	0.231	ug/l	110.7	2.5	-2.5	2.5	
Sr	88	115	He	0.024	ug/l	196.1	4	-4	4	
Mo	95	115	He	0.016	ug/l	142.9	4	-4	4	
Ag	107	115	He	-0.001	ug/l	N/A	2	-2	2	
Cd	111	115	He	0.000	ug/l	N/A	2	-2	2	
Sn	118	115	He	0.090	ug/l	165.3	16	-16	16	
Sb	121	74	He	-0.108	ug/l	N/A	2	-2	2	
Ba	137	159	He	0.475	ug/l	0.0	4	-4	4	
Tl	205	209	He	-0.004	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	-0.136	ug/l	N/A				
[Pb]	207	209	He	-0.164	ug/l	N/A				
Pb	208	209	He	-0.142	ug/l	N/A	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3060698.29	1.4	79.4	60	125	
Sc (ISICPMS)	45	No Gas	3929652.95	2.6	79.5	60	125	
Sc (ISICPMS)	45	H2	1574024.16	1.5	76.8	60	125	
Sc (ISICPMS)	45	He	42757.25	1.0	72.5	60	125	
Ge (IS)	74	H2	298398.37	1.8	78.3	60	125	
Ge (IS)	74	He	24406.69	0.8	76.5	60	125	
Kr	83	He	6.67	86.6	16.7			
In-1	115	He	76963.43	1.5	77.9	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Tb (IS)	159	He	495857.35	1.2	85.1	60	125	
Bi (IS)	209	He	442448.92	1.0	90.1	60	125	

US EPA Tune Check Report

Operator Name	ediicpms4
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\NM041022.b
Acq. Date-Time	2022-04-10 08:52:19
Report Comment	EPA TUNE REPORT
Instrument Name	G8421A SG18143095

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9	10.00	2064	20642.52	0.00		1.428	5.000
24	10.00	6892	68921.47	0.00		1.025	5.000
25	10.00	958	9581.90	0.00		1.018	5.000
26	10.00	1113	11134.27	0.00		2.447	5.000
59	10.00	11941	119405.94	0.00		1.365	5.000
115	10.00	17669	176694.65	0.00		1.648	5.000
206	10.00	5293	52925.42	0.00		1.041	5.000
207	10.00	4684	46837.15	0.00		2.582	5.000
208	10.00	11114	111136.78	0.00		2.109	5.000

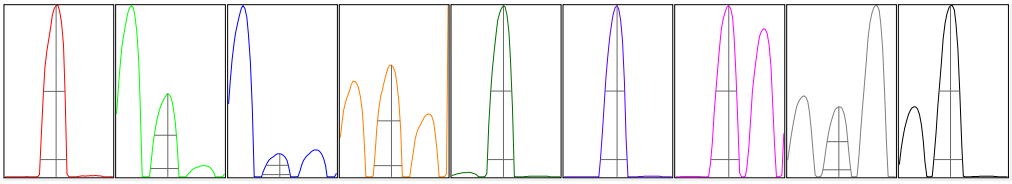
Mass	RSD% (Flag)
9	
24	
25	
26	
59	
115	
206	
207	
208	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	2103	2027	2058	2083	2050
24	6847	6875	7012	6836	6891
25	955	969	967	945	956
26	1090	1115	1125	1085	1152
59	11762	11903	11817	12100	12121
115	17719	17249	17767	18044	17568
206	5257	5255	5368	5247	5335
207	4498	4735	4738	4636	4811
208	10761	11201	11119	11080	11408

Integration Time [sec] 0.1

Resolution/Axis

US EPA Tune Check Report



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	3736.88	8.95	8.90 - 9.10	
24	12401.75	23.95	23.90 - 24.10	
25	1669.30	24.95	24.90 - 25.10	
26	1952.17	25.95	25.90 - 26.10	
59	21875.30	58.95	58.90 - 59.10	
115	34492.47	115.00	114.90 - 115.10	
206	9642.04	206.00	205.90 - 206.10	
207	8347.24	206.95	206.90 - 207.10	
208	20398.53	207.95	207.90 - 208.10	

Mass	W-50%	W-10%	W-10% (Required)	W-10% (Flag)
9	0.59	0.723	0.900	
24	0.60	0.765	0.900	
25	0.61	0.766	0.900	
26	0.61	0.766	0.900	
59	0.58	0.723	0.900	
115	0.53	0.729	0.900	
206	0.56	0.777	0.900	
207	0.57	0.761	0.900	
208	0.56	0.785	0.900	

Integration Time [sec]	0.1
Acquisition Time [sec]	198.999999999998
Y Axis	Linear

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.60 L/min	Dilution Gas	0.35 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.2 V	Deflect	11.2 V
Extract 2	-200.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-100 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V

US EPA Tune Check Report

He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	0.0 mL/min	OctP RF	200 V		

QP Parameters

Mass Gain	129	Axis Gain	0.9940	QP Bias	-3.0 V
Mass Offset	124	Axis Offset	-0.05		

Hardware Settings

Torch

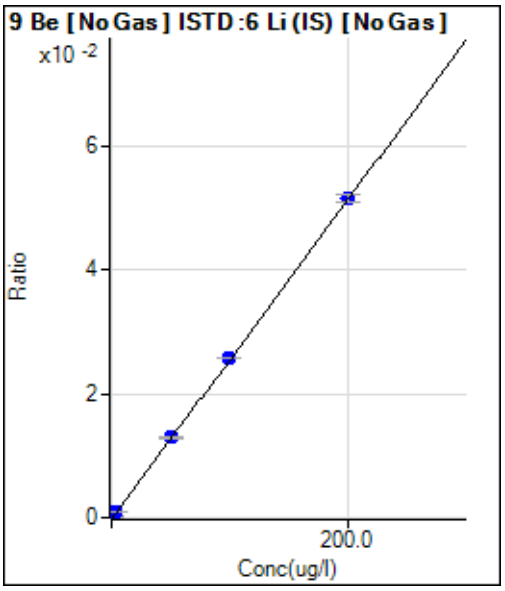
Torch H	1.3 mm	Torch V	-1.3 mm		

EM

Discriminator	3.5 mV	Analog HV	2173 V	Pulse HV	1242 V

Batch Folder: D:\Agilent\ICPMH\1\DATA\NM041022.b\
Analysis File: NM041022.batch.bin
DA Date-Time: 2022-04-10 09:50:07
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

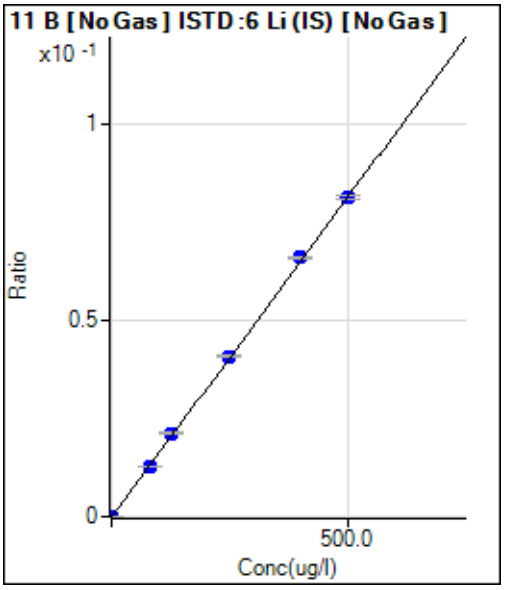
Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	IC CAL-Blk	2022-04-10 09:08:23
2	005CALS.d	IC CAL1 9767629	2022-04-10 09:10:43
3	006CALS.d	IC CAL2 9767631	2022-04-10 09:13:03
4	007CALS.d	IC CAL3 9767645	2022-04-10 09:15:22
5	008CALS.d	IC CAL4 9767647	2022-04-10 09:17:40
6	009CALS.d	IC CAL5 97676733	2022-04-10 09:19:58



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	15.55	0.0000	P	26.1	
2	☐	0.800	0.799	807.81	0.0002	P	2.8	-0.2
3	☐	4.000	4.068	3926.13	0.0011	P	3.8	1.7
4	☐	50.000	50.139	50475.48	0.0129	P	1.7	0.3
5	☐	100.000	100.046	99751.30	0.0258	P	0.8	0.0
6	☐	200.000	199.941	196730.60	0.0515	P	2.0	0.0

y = 2.5747E-004 * x + 4.0448E-006
R = 1.0000
DL = 0.0123 ug/l
BEC = 0.01571 ug/l

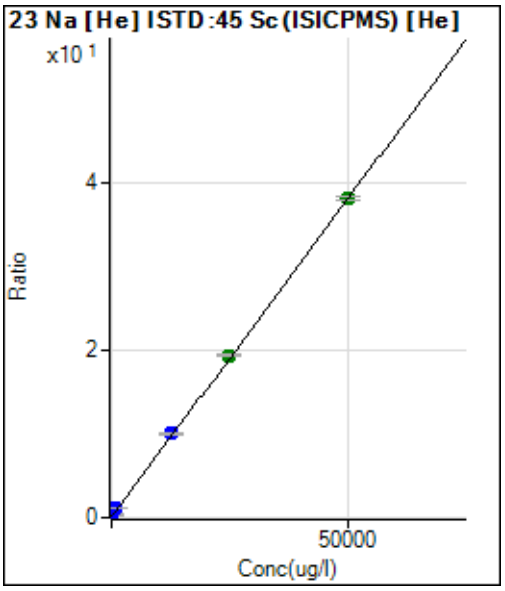
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	846.70	0.0002	P	5.7	
2	☐	80.000	77.952	49700.84	0.0129	P	0.8	-2.6
3	☐	400.000	403.156	245821.37	0.0658	P	1.0	0.8
4	☐	125.000	128.724	82757.38	0.0212	P	2.9	3.0
5	☐	250.000	248.951	157756.01	0.0407	P	1.2	-0.4
6	☐	500.000	497.396	310262.41	0.0812	P	1.5	-0.5

y = 1.6278E-004 * x + 2.1981E-004
R = 0.9999
DL = 0.2307 ug/l
BEC = 1.35 ug/l

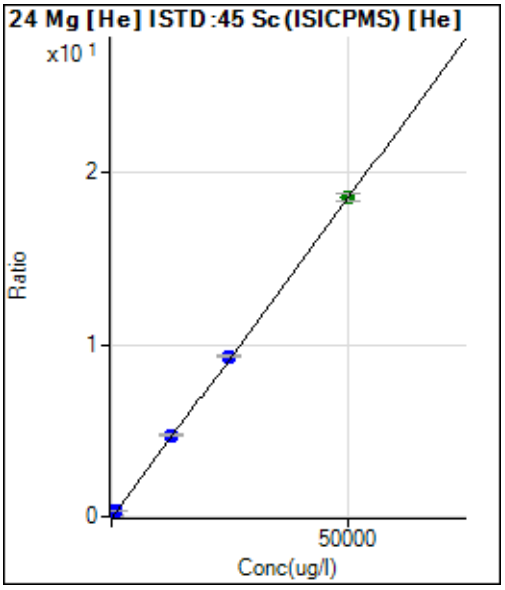
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	16372.96	0.2774	P	0.4	
2	☐	200.000	208.299	26301.43	0.4361	P	0.6	4.1
3	☐	1000.000	1017.987	63257.92	1.0531	P	1.9	1.8
4	☐	12500.00	12845.12	586902.07	10.064	P	1.8	2.8
5	☐	25000.00	25165.68	1150899.25	19.451	A	0.6	0.7
6	☐	50000.00	49830.48	2253521.21	38.244	A	1.2	-0.3

y = 7.6192E-004 * x + 0.2774
R = 1.0000
DL = 4.295 ug/l
BEC = 364.1 ug/l

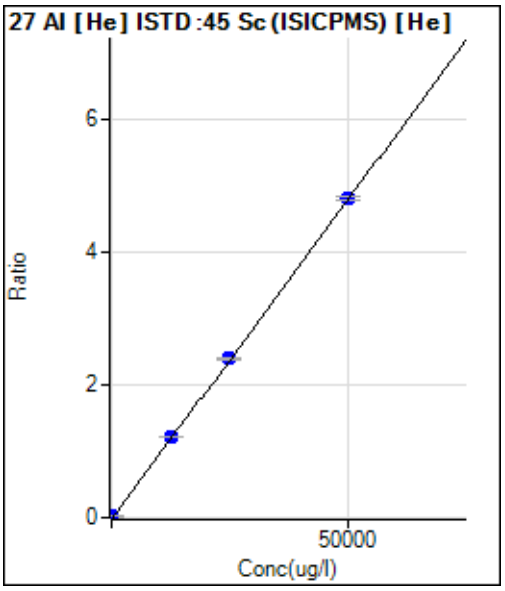
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	48.89	0.0008	P	14.7	
2	☐	200.000	202.920	4597.46	0.0763	P	5.0	1.5
3	☐	1000.000	1015.446	22727.42	0.3783	P	0.9	1.5
4	☐	12500.00	12715.44	275709.51	4.7279	P	1.7	1.7
5	☐	25000.00	25059.44	551251.97	9.3169	P	1.0	0.2
6	☐	50000.00	49916.09	1093477.14	18.557	A	2.1	-0.2

y = 3.7176E-004 * x + 8.2882E-004
R = 1.0000
DL = 0.9846 ug/l
BEC = 2.229 ug/l

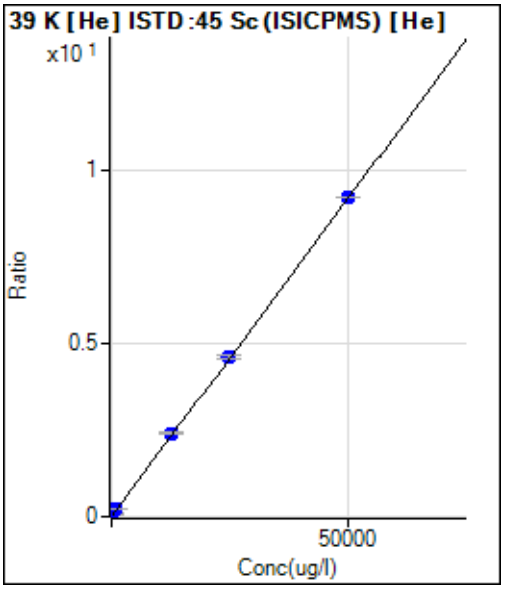
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	16.67	0.0003	P	49.9	
2	☐	40.000	37.615	235.56	0.0039	P	7.2	-6.0
3	☐	200.000	205.937	1209.50	0.0201	P	1.5	3.0
4	☐	12500.00	12683.15	71310.90	1.2228	P	1.3	1.5
5	☐	25000.00	24881.23	141913.54	2.3986	P	0.8	-0.5
6	☐	50000.00	50013.57	284045.99	4.8210	P	1.2	0.0

y = 9.6389E-005 * x + 2.8244E-004
R = 1.0000
DL = 4.385 ug/l
BEC = 2.93 ug/l

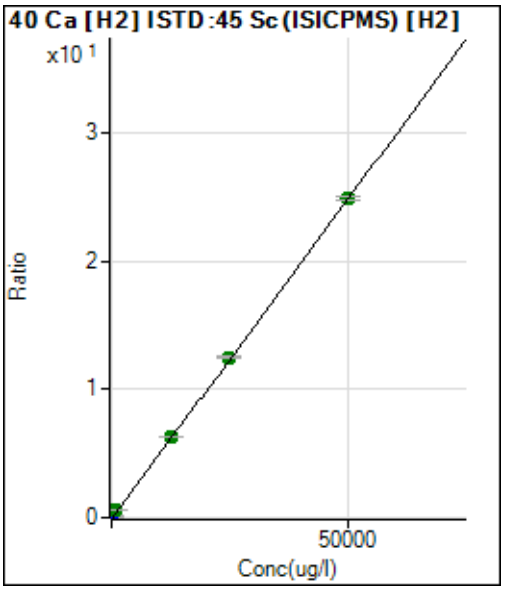
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3029.25	0.0513	P	5.6	
2	☐	200.000	192.874	5226.57	0.0867	P	5.9	-3.6
3	☐	1000.000	1033.743	14476.52	0.2410	P	0.7	3.4
4	☐	12500.00	12778.23	139706.21	2.3956	P	2.2	2.2
5	☐	25000.00	24889.31	273207.46	4.6175	P	1.6	-0.4
6	☐	50000.00	49985.13	543333.67	9.2216	P	0.5	0.0

y = 1.8346E-004 * x + 0.0513
R = 1.0000
DL = 47.08 ug/l
BEC = 279.8 ug/l

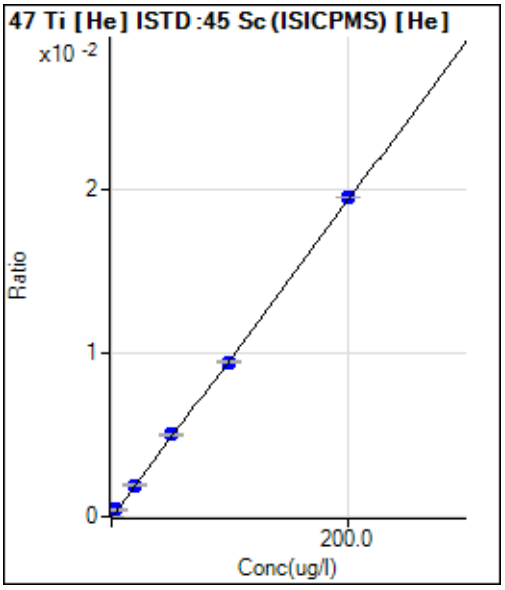
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	27403.86	0.0134	P	3.6	
2	☐	200.000	193.441	231250.07	0.1099	P	1.0	-3.3
3	☐	1000.000	1050.027	1105650.45	0.5371	A	2.4	5.0
4	☐	12500.00	12717.15	13315793.97	6.3559	A	0.4	1.7
5	☐	25000.00	25077.58	26622889.88	12.520	A	1.4	0.3
6	☐	50000.00	49905.94	52387637.55	24.903	A	0.9	-0.2

y = 4.9873E-004 * x + 0.0134
R = 1.0000
DL = 2.872 ug/l
BEC = 26.83 ug/l

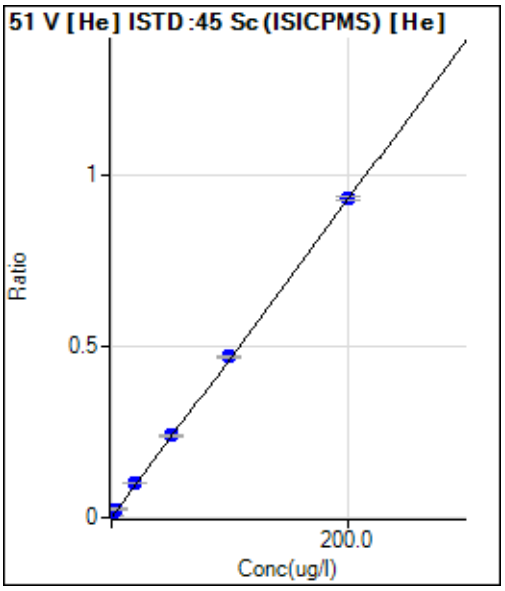
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1.33	0.0000	P	43.0	
2	☐	4.000	4.092	25.33	0.0004	P	22.4	2.3
3	☐	20.000	19.679	116.34	0.0019	P	10.5	-1.6
4	☐	50.000	51.416	293.03	0.0050	P	4.2	2.8
5	☐	100.000	97.164	560.40	0.0095	P	0.7	-2.8
6	☐	200.000	201.094	1153.50	0.0196	P	0.1	0.5

y = 9.7241E-005 * x + 2.2575E-005
R = 0.9998
DL = 0.2994 ug/l
BEC = 0.2322 ug/l

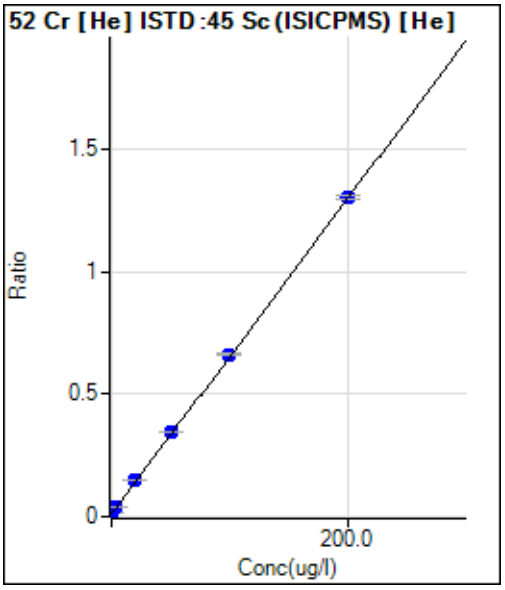
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	316.67	0.0054	P	21.3	
2	☐	4.000	4.180	1493.43	0.0248	P	5.7	4.5
3	☐	20.000	20.586	6058.05	0.1008	P	1.0	2.9
4	☐	50.000	50.480	13966.04	0.2395	P	1.3	1.0
5	☐	100.000	99.998	27755.95	0.4691	P	1.3	0.0
6	☐	200.000	199.819	54917.17	0.9321	P	1.2	-0.1

y = 0.0046 * x + 0.0054
R = 1.0000
DL = 0.7377 ug/l
BEC = 1.157 ug/l

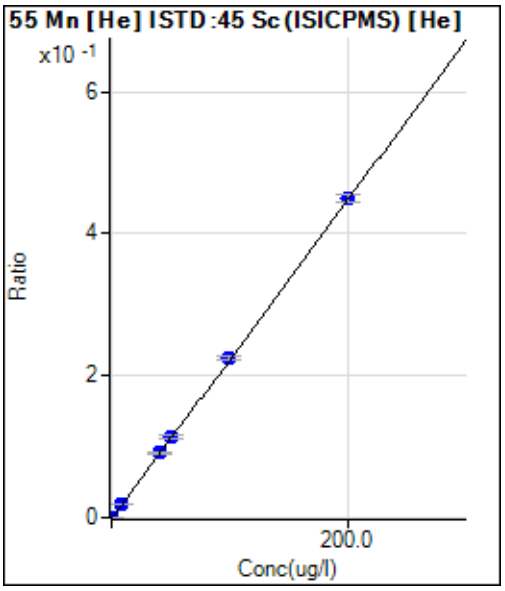
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1007.82	0.0171	P	8.3	
2	☐	4.000	3.790	2503.58	0.0415	P	5.0	-5.2
3	☐	20.000	20.452	8947.42	0.1490	P	2.9	2.3
4	☐	50.000	50.987	20170.46	0.3458	P	1.3	2.0
5	☐	100.000	100.070	39188.14	0.6623	P	0.7	0.1
6	☐	200.000	199.677	76863.23	1.3046	P	1.3	-0.2

y = 0.0064 * x + 0.0171
R = 1.0000
DL = 0.6624 ug/l
BEC = 2.649 ug/l

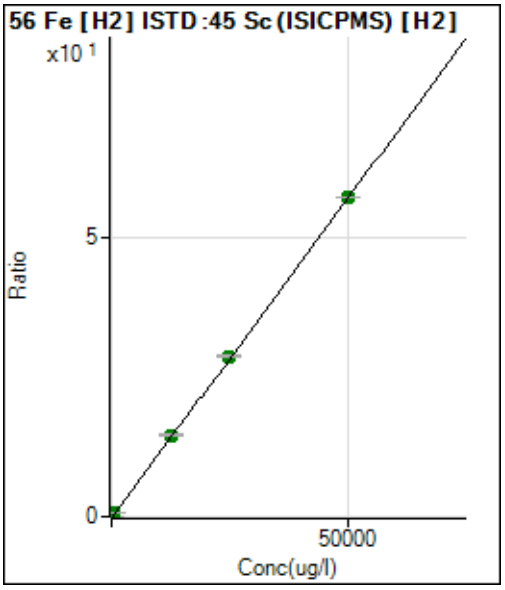
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	27.78	0.0005	P	24.6	
2	☐	8.000	8.113	1127.84	0.0187	P	3.9	1.4
3	☐	40.000	40.458	5491.13	0.0914	P	2.5	1.1
4	☐	50.000	50.046	6586.06	0.1130	P	4.5	0.1
5	☐	100.000	99.712	13288.73	0.2246	P	2.0	-0.3
6	☐	200.000	200.037	26519.08	0.4501	P	1.9	0.0

y = 0.0022 * x + 4.7028E-004
R = 1.0000
DL = 0.1541 ug/l
BEC = 0.2092 ug/l

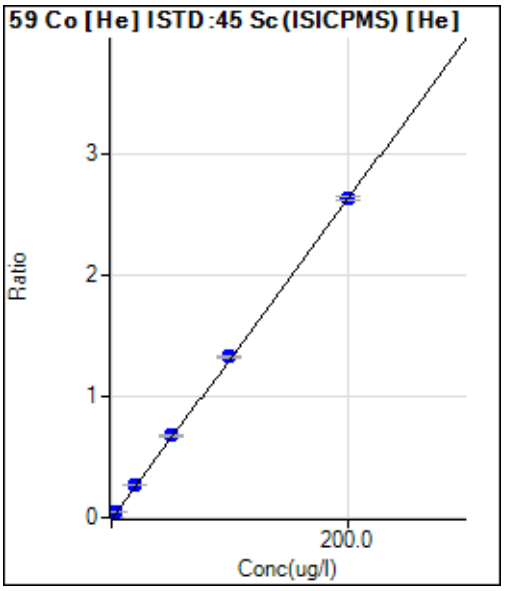
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	27904.59	0.0136	P	13.3	
2	☐	120.000	118.362	313668.94	0.1490	P	1.3	-1.4
3	☐	600.000	633.530	1519636.33	0.7382	A	3.1	5.6
4	☐	12500.00	12765.32	30609458.43	14.613	A	1.3	2.1
5	☐	25000.00	25025.44	60894856.87	28.634	A	0.9	0.1
6	☐	50000.00	49920.54	120129169.3	57.107	A	0.4	-0.2

y = 0.0011 * x + 0.0136
R = 1.0000
DL = 4.764 ug/l
BEC = 11.93 ug/l

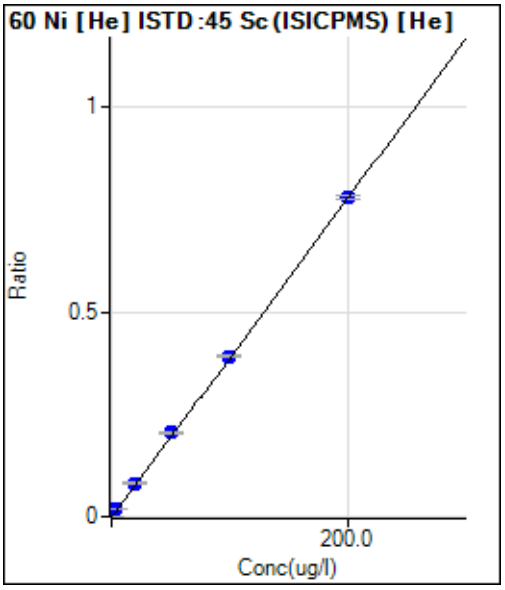
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	14.44	0.0002	P	35.8	
2	☐	4.000	3.991	3201.51	0.0531	P	0.4	-0.2
3	☐	20.000	20.284	16148.50	0.2688	P	2.5	1.4
4	☐	50.000	51.121	39486.94	0.6772	P	2.1	2.2
5	☐	100.000	100.443	78706.56	1.3303	P	0.8	0.4
6	☐	200.000	199.470	155633.13	2.6415	P	1.1	-0.3

y = 0.0132 * x + 2.4503E-004
R = 1.0000
DL = 0.01987 ug/l
BEC = 0.0185 ug/l

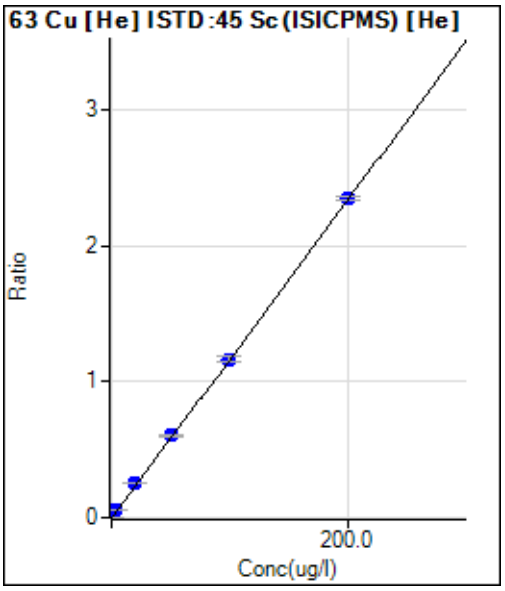
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	101.11	0.0017	P	14.3	
2	☐	4.000	4.293	1113.39	0.0185	P	3.0	7.3
3	☐	20.000	20.473	4902.02	0.0816	P	3.8	2.4
4	☐	50.000	52.017	11936.38	0.2047	P	2.2	4.0
5	☐	100.000	99.814	23145.23	0.3912	P	1.3	-0.2
6	☐	200.000	199.535	45973.90	0.7803	P	0.9	-0.2

y = 0.0039 * x + 0.0017
R = 0.9999
DL = 0.1879 ug/l
BEC = 0.4393 ug/l

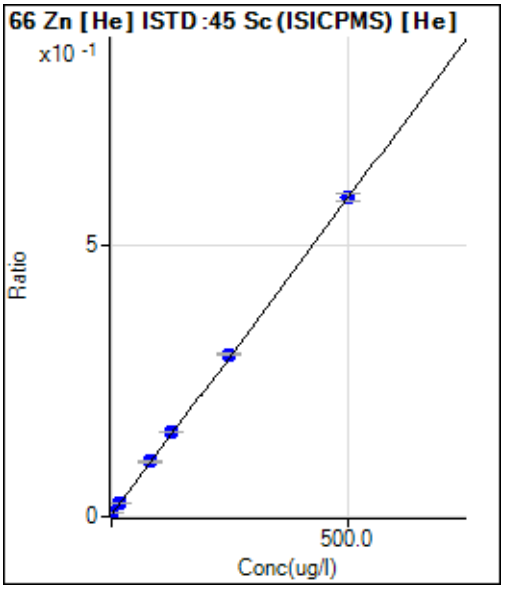
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	378.90	0.0064	P	4.9	
2	☐	4.000	4.247	3386.00	0.0562	P	7.2	6.2
3	☐	20.000	20.885	15078.40	0.2510	P	2.5	4.4
4	☐	50.000	51.142	35300.08	0.6054	P	2.6	2.3
5	☐	100.000	99.066	69012.84	1.1667	P	3.2	-0.9
6	☐	200.000	200.088	138455.51	2.3498	P	0.9	0.0

y = 0.0117 * x + 0.0064
R = 1.0000
DL = 0.08036 ug/l
BEC = 0.5483 ug/l

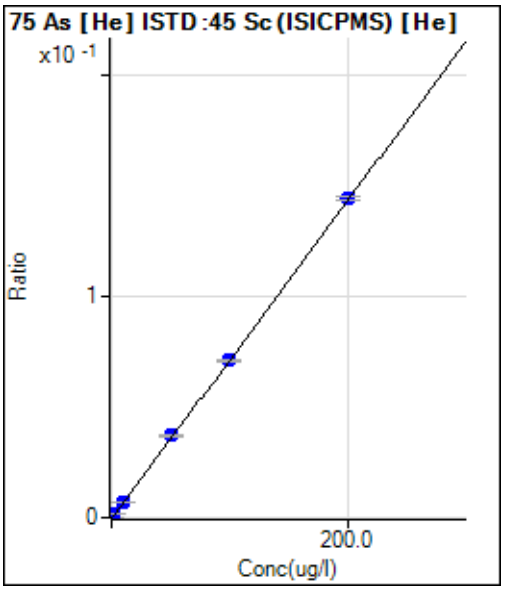
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	373.34	0.0063	P	1.1	
2	☐	16.000	15.893	1496.76	0.0248	P	6.2	-0.7
3	☐	80.000	81.598	6083.62	0.1013	P	3.6	2.0
4	☐	125.000	128.189	9067.52	0.1555	P	1.7	2.6
5	☐	250.000	250.561	17624.82	0.2979	P	1.0	0.2
6	☐	500.000	498.670	34559.42	0.5866	P	2.2	-0.3

y = 0.0012 * x + 0.0063
R = 1.0000
DL = 0.1715 ug/l
BEC = 5.437 ug/l

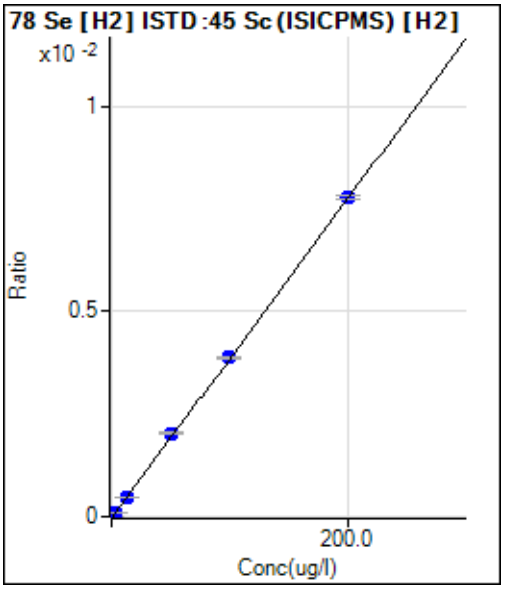
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	8.33	0.0001	P	19.6	
2	☐	2.000	2.193	103.89	0.0017	P	16.8	9.7
3	☐	10.000	9.529	421.12	0.0070	P	2.0	-4.7
4	☐	50.000	51.335	2166.29	0.0371	P	1.7	2.7
5	☐	100.000	98.596	4214.00	0.0712	P	1.6	-1.4
6	☐	200.000	200.390	8519.37	0.1446	P	1.2	0.2

y = 7.2087E-004 * x + 1.4113E-004
R = 0.9999
DL = 0.1151 ug/l
BEC = 0.1958 ug/l

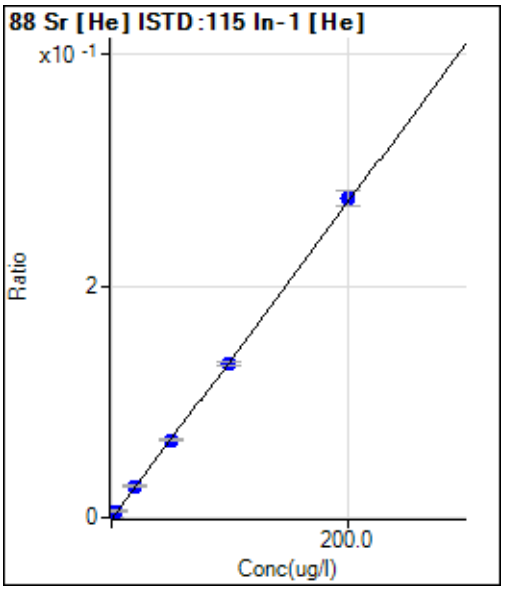
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	8.89	0.0000	P	22.3	
2	☐	2.500	2.165	186.67	0.0001	P	7.7	-13.4
3	☐	12.500	11.952	967.82	0.0005	P	7.9	-4.4
4	☐	50.000	52.141	4264.03	0.0020	P	2.9	4.3
5	☐	100.000	99.471	8252.56	0.0039	P	0.9	-0.5
6	☐	200.000	199.767	16378.89	0.0078	P	1.6	-0.1

y = 3.8958E-005 * x + 4.3440E-006
R = 0.9999
DL = 0.07466 ug/l
BEC = 0.1115 ug/l

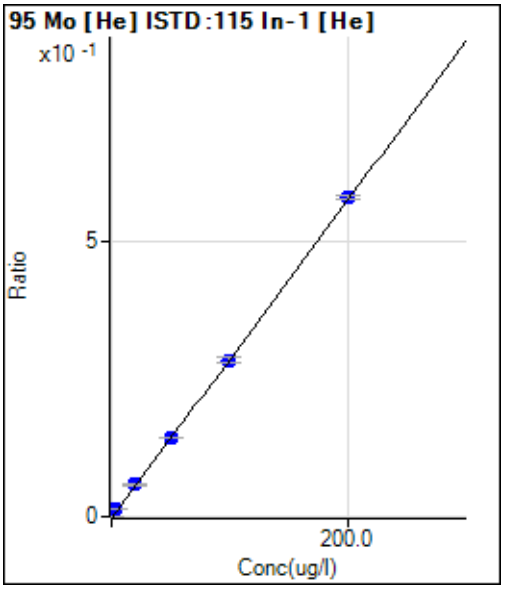
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	6.67	0.0001	P	1.8	
2	☐	4.000	4.164	583.35	0.0058	P	7.7	4.1
3	☐	20.000	19.791	2716.96	0.0271	P	5.4	-1.0
4	☐	50.000	49.002	6662.80	0.0671	P	2.2	-2.0
5	☐	100.000	97.451	13325.58	0.1334	P	2.9	-2.5
6	☐	200.000	201.542	26776.81	0.2758	P	5.2	0.8

y = 0.0014 * x + 6.7513E-005
R = 0.9999
DL = 0.002726 ug/l
BEC = 0.04934 ug/l

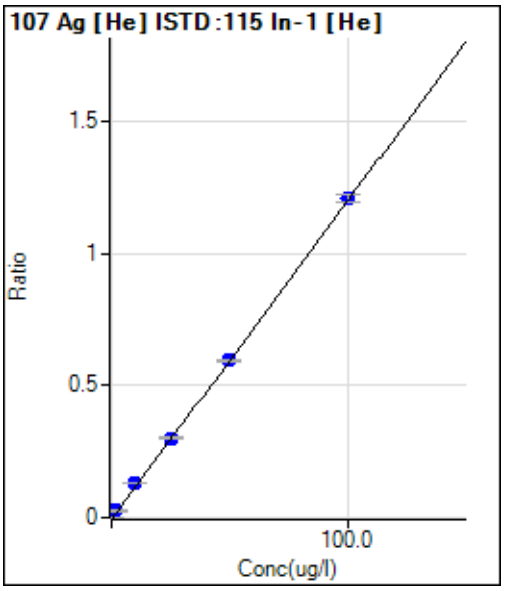
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1.11	0.0000	P	173.	
2	☐	4.000	4.328	1270.07	0.0125	P	2.9	8.2
3	☐	20.000	20.024	5805.75	0.0580	P	3.6	0.1
4	☐	50.000	49.761	14309.94	0.1441	P	1.7	-0.5
5	☐	100.000	98.534	28508.30	0.2854	P	2.9	-1.5
6	☐	200.000	200.784	56477.79	0.5816	P	1.7	0.4

y = 0.0029 * x + 1.1083E-005
R = 1.0000
DL = 0.01988 ug/l
BEC = 0.003826 ug/l

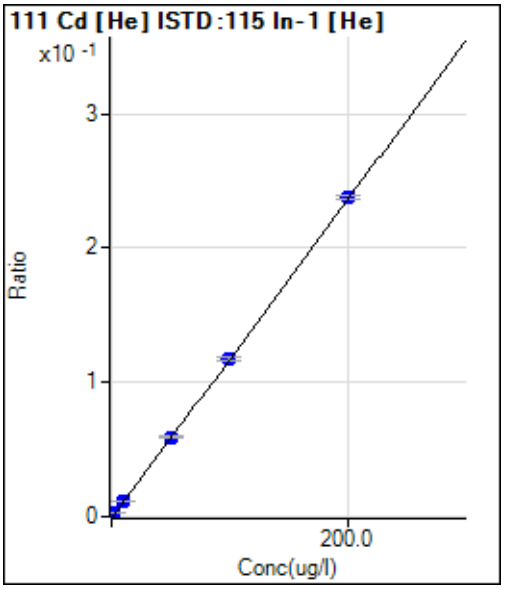
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	11.11	0.0001	P	44.8	
2	☐	2.000	2.119	2599.17	0.0257	P	8.4	5.9
3	☐	10.000	10.867	13137.70	0.1313	P	0.8	8.7
4	☐	25.000	24.936	29890.52	0.3011	P	1.5	-0.3
5	☐	50.000	49.250	59385.87	0.5946	P	1.5	-1.5
6	☐	100.000	100.302	117579.85	1.2107	P	1.8	0.3

y = 0.0121 * x + 1.1227E-004
R = 0.9999
DL = 0.01251 ug/l
BEC = 0.009301 ug/l

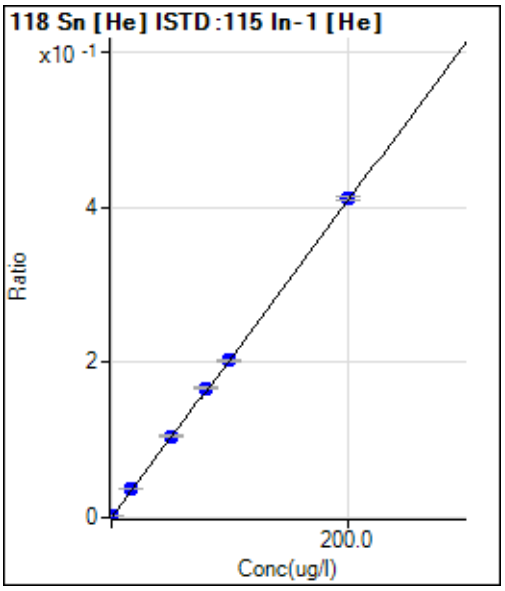
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	0.00	0.0000	P		
2	☐	2.000	2.175	261.12	0.0026	P	9.6	8.8
3	☐	10.000	10.201	1211.17	0.0121	P	1.2	2.0
4	☐	50.000	49.868	5873.56	0.0592	P	1.9	-0.3
5	☐	100.000	99.071	11738.58	0.1175	P	2.8	-0.9
6	☐	200.000	200.486	23101.37	0.2378	P	1.6	0.2

y = 0.0012 * x + 0.0000E+000
R = 1.0000
DL = 0 ug/l
BEC = 0 ug/l

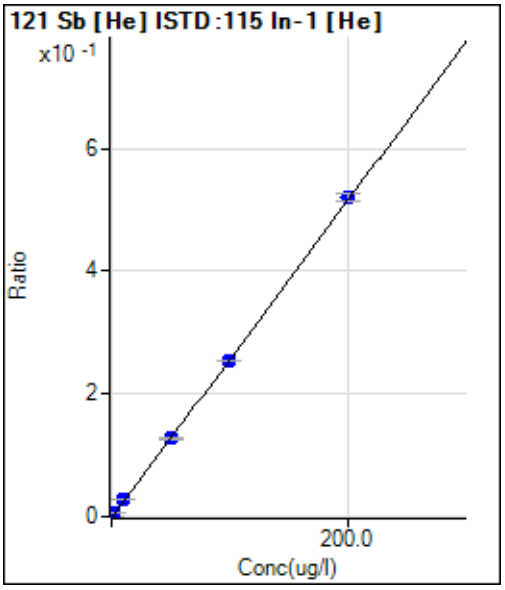
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	238.89	0.0024	P	19.4	
2	☐	16.000	16.604	3674.98	0.0363	P	0.7	3.8
3	☐	80.000	80.715	16732.95	0.1672	P	0.8	0.9
4	☐	50.000	50.093	10391.94	0.1047	P	2.3	0.2
5	☐	100.000	98.057	20236.70	0.2026	P	1.0	-1.9
6	☐	200.000	200.614	40007.34	0.4120	P	1.7	0.3

y = 0.0020 * x + 0.0024
R = 0.9999
DL = 0.6864 ug/l
BEC = 1.182 ug/l

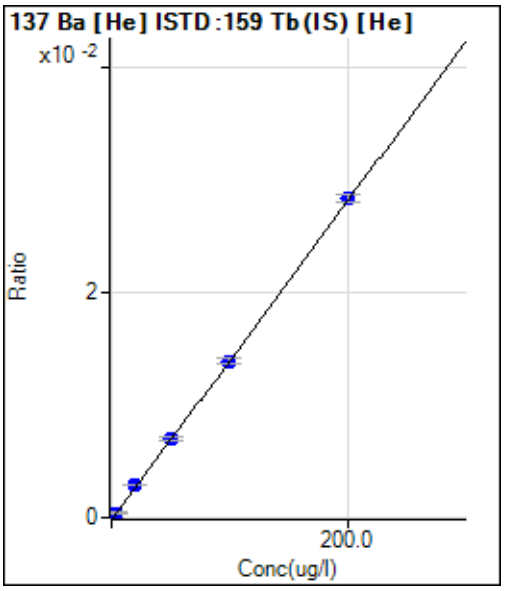
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	30.00	0.0003	P	42.1	
2	☐	2.000	2.037	563.90	0.0056	P	9.0	1.8
3	☐	10.000	10.330	2703.62	0.0270	P	0.9	3.3
4	☐	50.000	49.357	12699.49	0.1279	P	2.5	-1.3
5	☐	100.000	98.181	25390.59	0.2542	P	0.5	-1.8
6	☐	200.000	201.054	50513.80	0.5202	P	2.3	0.5

y = 0.0026 * x + 3.0271E-004
R = 0.9999
DL = 0.1479 ug/l
BEC = 0.1171 ug/l

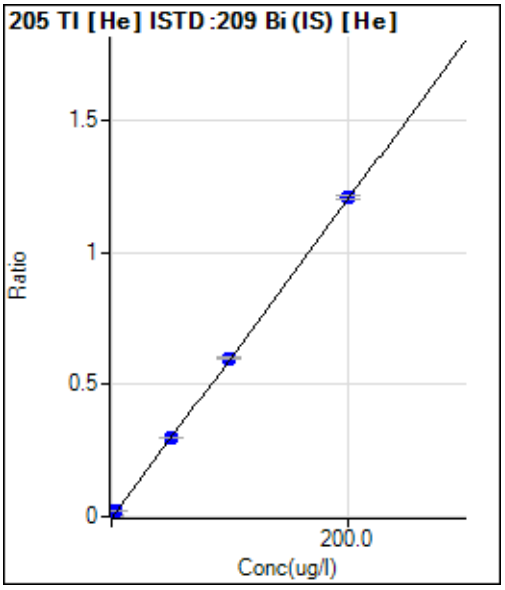
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.516	3.34	0.0000	P	173.	
2	☐	4.000	3.464	246.92	0.0004	P	13.6	-13.4
3	☐	20.000	20.881	1698.52	0.0029	P	4.6	4.4
4	☐	50.000	49.819	4058.11	0.0070	P	2.9	-0.4
5	☐	100.000	98.705	8127.52	0.0139	P	4.4	-1.3
6	☐	200.000	200.616	16497.39	0.0283	P	1.9	0.3

y = 1.415841E-004 * x - 6.731036E-005
R = 0.9999
DL = 0.2095 ug/l
BEC = -0.4754 ug/l

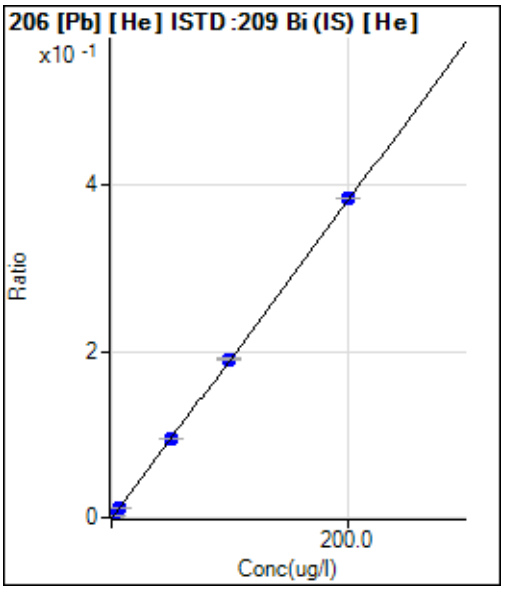
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	57.78	0.0001	P	38.9	
2	☐	0.800	0.794	2454.70	0.0049	P	4.3	-0.8
3	☐	4.000	3.938	11999.15	0.0239	P	2.1	-1.6
4	☐	50.000	49.501	146849.05	0.2986	P	0.8	-1.0
5	☐	100.000	99.388	291786.60	0.5994	P	0.8	-0.6
6	☐	200.000	200.432	588649.21	1.2086	P	1.2	0.2

y = 0.0060 * x + 1.1782E-004
R = 1.0000
DL = 0.0228 ug/l
BEC = 0.01954 ug/l

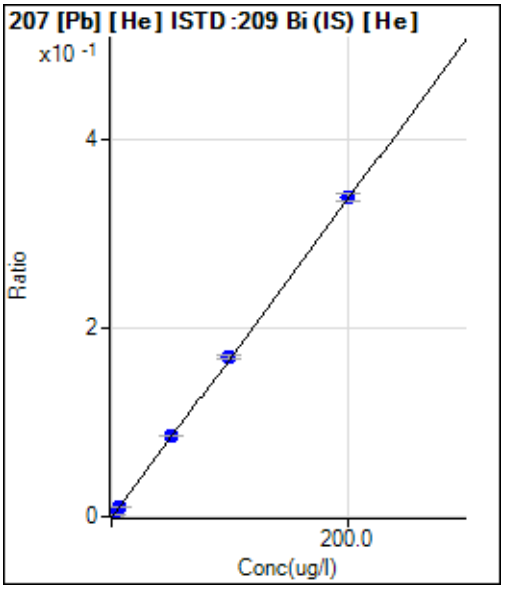
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	298.90	0.0006	P	11.6	
2	☐	1.200	1.325	1572.33	0.0031	P	3.9	10.5
3	☐	6.000	6.026	6094.86	0.0121	P	4.6	0.4
4	☐	50.000	49.158	46499.77	0.0945	P	1.7	-1.7
5	☐	100.000	99.125	92504.71	0.1900	P	1.2	-0.9
6	☐	200.000	200.646	187035.88	0.3840	P	0.4	0.3

y = 0.0019 * x + 6.0840E-004
R = 1.0000
DL = 0.1112 ug/l
BEC = 0.3184 ug/l

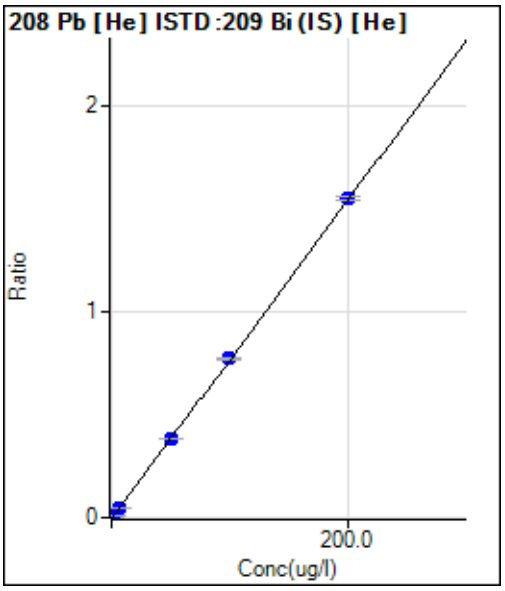
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	275.56	0.0006	P	13.7	
2	☐	1.200	1.171	1271.19	0.0025	P	5.5	-2.4
3	☐	6.000	5.908	5300.05	0.0105	P	3.1	-1.5
4	☐	50.000	49.988	41807.60	0.0850	P	0.4	0.0
5	☐	100.000	99.621	82187.32	0.1688	P	2.7	-0.4
6	☐	200.000	200.195	164974.90	0.3387	P	2.1	0.1

y = 0.0017 * x + 5.6169E-004
R = 1.0000
DL = 0.1364 ug/l
BEC = 0.3325 ug/l

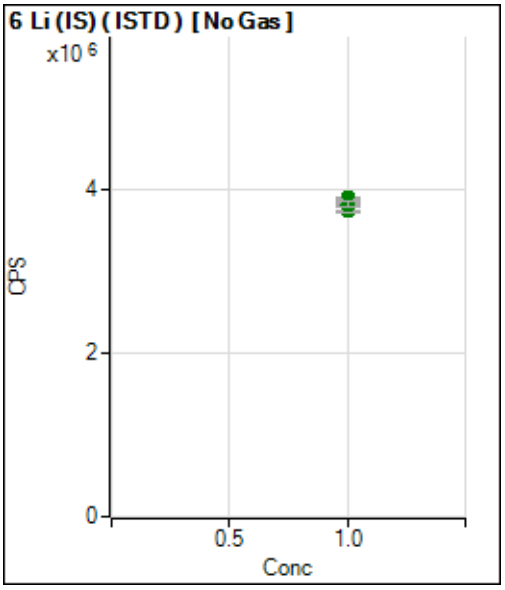
Weight: <None>
Min Conc: <None>



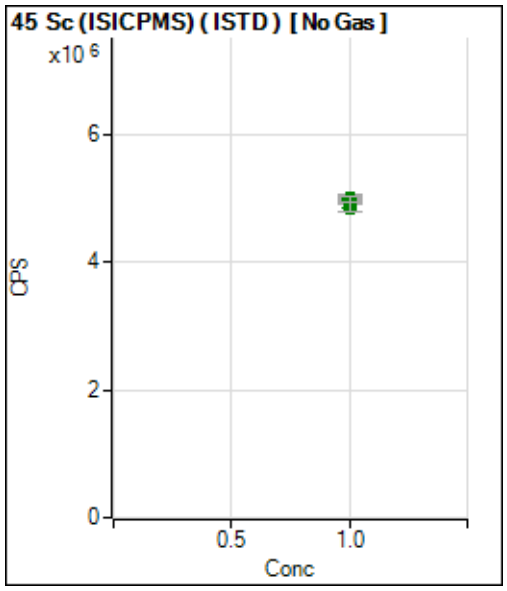
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1240.03	0.0025	P	3.9	
2	☐	1.200	1.185	5862.80	0.0117	P	3.1	-1.3
3	☐	6.000	6.024	24751.05	0.0492	P	2.0	0.4
4	☐	50.000	49.394	189566.03	0.3854	P	1.1	-1.2
5	☐	100.000	99.790	377807.28	0.7761	P	1.2	-0.2
6	☐	200.000	200.256	757327.57	1.5549	P	1.2	0.1

y = 0.0078 * x + 0.0025
R = 1.0000
DL = 0.03809 ug/l
BEC = 0.3258 ug/l

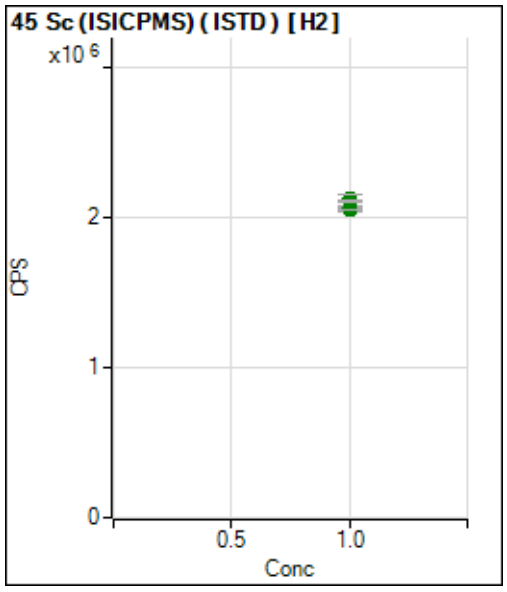
Weight: <None>
Min Conc: <None>



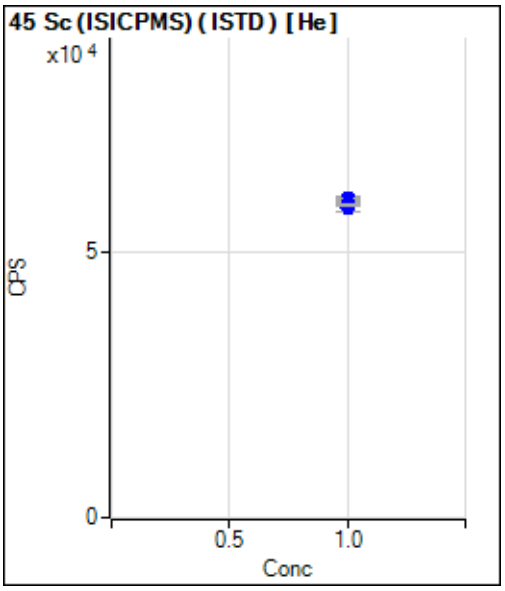
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		3853396.43		A	1.2	
2	☐	1.000		3850371.02		A	2.4	
3	☐	1.000		3733593.38		A	1.1	
4	☐	1.000		3908826.33		A	0.4	
5	☐	1.000		3871756.12		A	0.4	
6	☐	1.000		3822190.85		A	2.0	



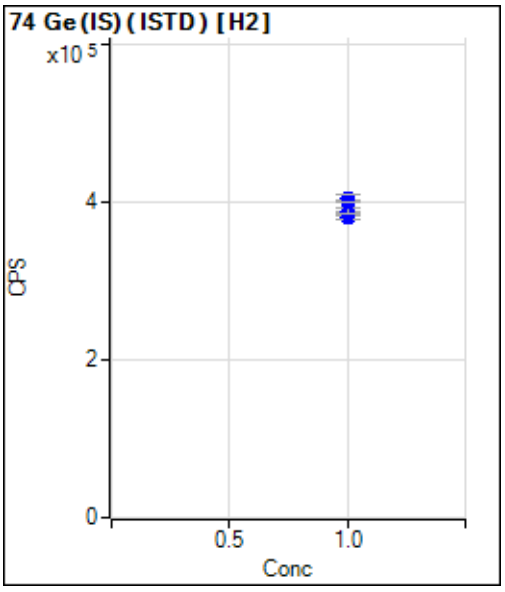
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		4940940.98		A	1.5	
2	☐	1.000		4991318.80		A	0.9	
3	☐	1.000		4986901.26		A	0.2	
4	☐	1.000		5004177.33		A	2.3	
5	☐	1.000		4987101.77		A	1.5	
6	☐	1.000		4862607.17		A	2.8	



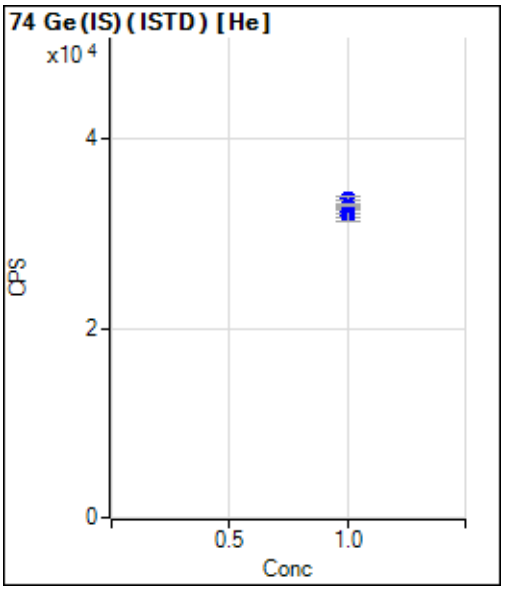
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2049086.36		A	1.7	
2	☐	1.000		2104959.57		A	0.7	
3	☐	1.000		2058739.24		A	1.3	
4	☐	1.000		2095041.39		A	2.1	
5	☐	1.000		2126868.53		A	2.7	
6	☐	1.000		2103575.49		A	0.8	



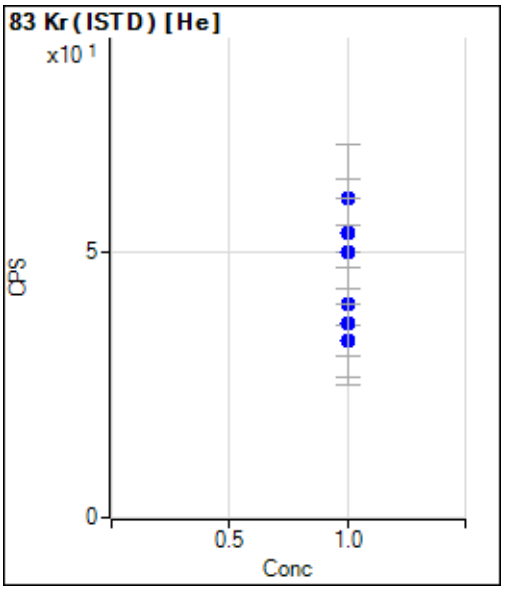
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		59015.76		P	0.5	
2	☐	1.000		60306.78		P	1.3	
3	☐	1.000		60074.56		P	0.6	
4	☐	1.000		58324.87		P	1.5	
5	☐	1.000		59169.84		P	1.3	
6	☐	1.000		58920.93		P	0.8	



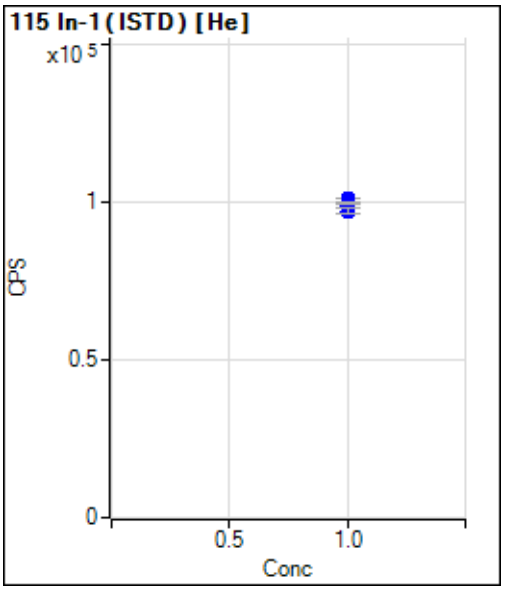
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		380902.20		P	1.9	
2	☐	1.000		385395.87		P	1.3	
3	☐	1.000		387803.27		P	1.9	
4	☐	1.000		400976.60		P	0.9	
5	☐	1.000		404314.70		P	2.6	
6	☐	1.000		399386.27		P	0.5	



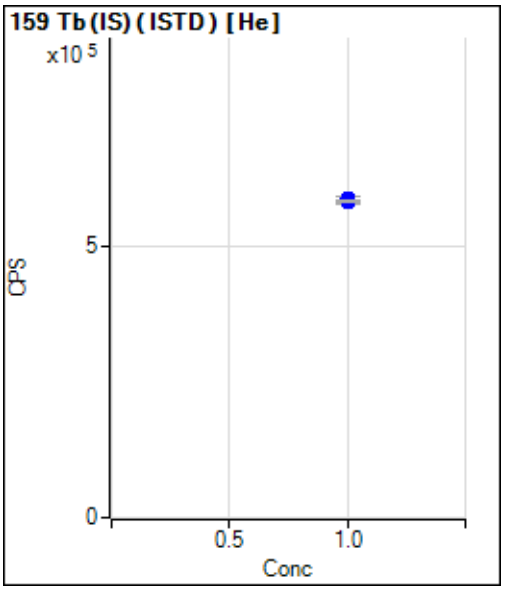
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		31899.87		P	1.5	
2	☐	1.000		32221.01		P	1.1	
3	☐	1.000		31856.32		P	4.1	
4	☐	1.000		33167.56		P	2.3	
5	☐	1.000		33706.03		P	1.5	
6	☐	1.000		32983.40		P	1.0	



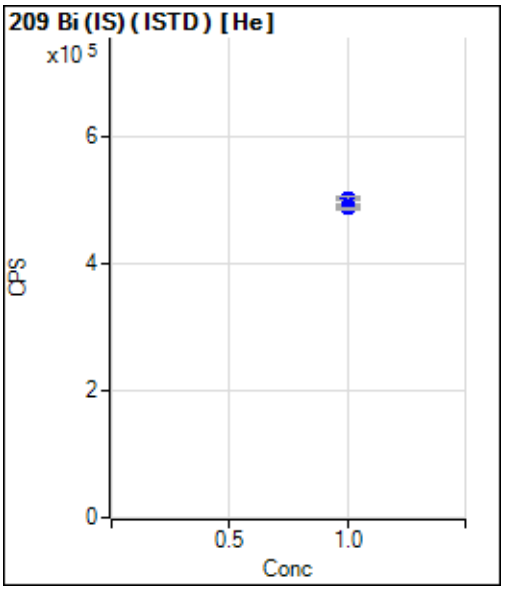
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		40.04		P	75.0	
2	☐	1.000		33.37		P	17.3	
3	☐	1.000		60.06		P	33.3	
4	☐	1.000		50.05		P	40.0	
5	☐	1.000		36.70		P	56.8	
6	☐	1.000		53.39		P	39.0	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		98818.31		P	1.8	
2	☐	1.000		101211.22		P	0.5	
3	☐	1.000		100082.01		P	0.2	
4	☐	1.000		99293.09		P	1.8	
5	☐	1.000		99890.82		P	0.8	
6	☐	1.000		97131.14		P	2.0	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		582585.55		P	0.5	
2	☐	1.000		583266.03		P	0.9	
3	☐	1.000		587799.16		P	0.7	
4	☐	1.000		580932.59		P	0.9	
5	☐	1.000		584465.78		P	0.5	
6	☐	1.000		582131.28		P	0.9	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		490821.67		P	1.3	
2	☐	1.000		500649.90		P	0.9	
3	☐	1.000		502865.35		P	0.8	
4	☐	1.000		491852.56		P	0.4	
5	☐	1.000		486864.71		P	1.2	
6	☐	1.000		487092.40		P	0.8	

Sample Report

File Name 001SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 09:18:30

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas		ug/l		2000	
B	11	6	No Gas		ug/l		500	
Na	23	45	He		ug/l		500000	
Mg	24	45	He		ug/l		500000	
Al	27	45	He		ug/l		200000	
K	39	45	He		ug/l		500000	
Ca	40	45	H2		ug/l		500000	
Ti	47	45	He		ug/l		5000	
V	51	45	He		ug/l		5000	
Cr	52	45	He		ug/l		20000	
Mn	55	45	He		ug/l		10000	
Fe	56	45	H2		ug/l		500000	
Co	59	45	He		ug/l		2000	
Ni	60	45	He		ug/l		20000	
Cu	63	45	He		ug/l		20000	
Zn	66	45	He		ug/l		20000	
As	75	45	He		ug/l		5000	
Se	78	45	H2		ug/l		2000	
Sr	88	115	He		ug/l		5000	
Mo	95	115	He		ug/l		2000	
Ag	107	115	He		ug/l		100	
Cd	111	115	He		ug/l		5000	
Sn	118	115	He		ug/l		200	
Sb	121	115	He		ug/l		200	
Ba	137	159	He		ug/l		20000	
Tl	205	209	He		ug/l		1000	
[Pb]	206	209	He		ug/l			
[Pb]	207	209	He		ug/l			
Pb	208	209	He		ug/l		20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	24864.07	2.1		60	125	
Sc (ISICPMS)	45	No Gas	961.01	9.3		60	125	
Sc (ISICPMS)	45	H2	514.46	5.3		60	125	
Sc (ISICPMS)	45	He	6.67	100.0		60	125	
Ge (IS)	74	H2	7629.98	1.8		60	125	
Ge (IS)	74	He	577.27	7.0		60	125	
Kr	83	He	53.39	84.5				

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	18826.87	0.3		60	125	
Tb (IS)	159	He	26.67	33.1		60	125	
Bi (IS)	209	He	121.11	22.1		60	125	

Sample Report

File Name 002SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 09:21:00

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas		ug/l		2000	
B	11	6	No Gas		ug/l		500	
Na	23	45	He		ug/l		500000	
Mg	24	45	He		ug/l		500000	
Al	27	45	He		ug/l		200000	
K	39	45	He		ug/l		500000	
Ca	40	45	H2		ug/l		500000	
Ti	47	45	He		ug/l		5000	
V	51	45	He		ug/l		5000	
Cr	52	45	He		ug/l		20000	
Mn	55	45	He		ug/l		10000	
Fe	56	45	H2		ug/l		500000	
Co	59	45	He		ug/l		2000	
Ni	60	45	He		ug/l		20000	
Cu	63	45	He		ug/l		20000	
Zn	66	45	He		ug/l		20000	
As	75	45	He		ug/l		5000	
Se	78	45	H2		ug/l		2000	
Sr	88	115	He		ug/l		5000	
Mo	95	115	He		ug/l		2000	
Ag	107	115	He		ug/l		100	
Cd	111	115	He		ug/l		5000	
Sn	118	115	He		ug/l		200	
Sb	121	115	He		ug/l		200	
Ba	137	159	He		ug/l		20000	
Tl	205	209	He		ug/l		1000	
[Pb]	206	209	He		ug/l			
[Pb]	207	209	He		ug/l			
Pb	208	209	He		ug/l		20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3344510.02	1.1		60	125	
Sc (ISICPMS)	45	No Gas	4651872.64	1.2		60	125	
Sc (ISICPMS)	45	H2	1923785.75	1.8		60	125	
Sc (ISICPMS)	45	He	53069.40	1.7		60	125	
Ge (IS)	74	H2	331448.61	0.7		60	125	
Ge (IS)	74	He	27616.11	0.7		60	125	
Kr	83	He	40.04	25.0				

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	85995.46	0.5		60	125	
Tb (IS)	159	He	511326.34	1.0		60	125	
Bi (IS)	209	He	442840.68	0.6		60	125	

Sample Report

File Name 003SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 09:23:29

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas		ug/l		2000	
B	11	6	No Gas		ug/l		500	
Na	23	45	He		ug/l		500000	
Mg	24	45	He		ug/l		500000	
Al	27	45	He		ug/l		200000	
K	39	45	He		ug/l		500000	
Ca	40	45	H2		ug/l		500000	
Ti	47	45	He		ug/l		5000	
V	51	45	He		ug/l		5000	
Cr	52	45	He		ug/l		20000	
Mn	55	45	He		ug/l		10000	
Fe	56	45	H2		ug/l		500000	
Co	59	45	He		ug/l		2000	
Ni	60	45	He		ug/l		20000	
Cu	63	45	He		ug/l		20000	
Zn	66	45	He		ug/l		20000	
As	75	45	He		ug/l		5000	
Se	78	45	H2		ug/l		2000	
Sr	88	115	He		ug/l		5000	
Mo	95	115	He		ug/l		2000	
Ag	107	115	He		ug/l		100	
Cd	111	115	He		ug/l		5000	
Sn	118	115	He		ug/l		200	
Sb	121	115	He		ug/l		200	
Ba	137	159	He		ug/l		20000	
Tl	205	209	He		ug/l		1000	
[Pb]	206	209	He		ug/l			
[Pb]	207	209	He		ug/l			
Pb	208	209	He		ug/l		20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3527798.18	0.7		60	125	
Sc (ISICPMS)	45	No Gas	4866316.46	1.2		60	125	
Sc (ISICPMS)	45	H2	1977694.00	0.8		60	125	
Sc (ISICPMS)	45	He	52832.99	1.5		60	125	
Ge (IS)	74	H2	348144.05	0.4		60	125	
Ge (IS)	74	He	28013.99	1.8		60	125	
Kr	83	He	30.03	57.7				

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	88958.43	0.8		60	125	
Tb (IS)	159	He	523402.65	0.9		60	125	
Bi (IS)	209	He	450914.36	0.4		60	125	

Calibration Blank

File Name 004CALB.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 09:25:57

Sample Name **IC CAL-Blk**

Comment ---

Dilution 1.0000

Full Quant Table 1101

Element	Mass	ISTD	Tune Mode	CPS	CPS RSD
Be	9	6	No Gas	34.45	20.1
B	11	6	No Gas	876.70	4.0
Na	23	45	He	17474.30	1.3
Mg	24	45	He	50.00	6.7
Al	27	45	He	17.78	14.3
K	39	45	He	2970.34	7.6
Ca	40	45	H2	26603.33	0.9
Ti	47	45	He	2.67	57.3
V	51	45	He	277.78	6.9
Cr	52	45	He	840.03	3.4
Mn	55	45	He	30.00	40.1
Fe	56	45	H2	21865.32	1.0
Co	59	45	He	17.78	39.0
Ni	60	45	He	130.00	8.9
Cu	63	45	He	323.34	3.7
Zn	66	45	He	170.00	10.2
As	75	45	He	10.56	32.8
Se	78	45	H2	6.67	0.0
Sr	88	115	He	1.11	173.2
Mo	95	115	He	4.44	43.4
Ag	107	115	He	7.78	65.5
Cd	111	115	He	1.11	173.2
Sn	118	115	He	213.34	17.6
Sb	121	115	He	29.45	8.6
Ba	137	159	He	0.00	N/A
Tl	205	209	He	224.45	14.4
[Pb]	206	209	He	194.45	15.4
[Pb]	207	209	He	147.78	16.9
Pb	208	209	He	754.46	4.9

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %
Li (IS)	6	No Gas	3518323.28	2.5	100.0
Sc (ISICPMS)	45	No Gas	4831049.16	2.1	100.0
Sc (ISICPMS)	45	H2	2017216.15	0.2	100.0
Sc (ISICPMS)	45	He	53810.15	0.4	100.0
Ge (IS)	74	H2	349485.73	0.7	100.0
Ge (IS)	74	He	28870.10	2.3	100.0
Kr	83	He	50.05	40.0	100.0

Calibration Blank

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %
In-1	115	He	89074.91	0.8	100.0
Tb (IS)	159	He	527200.91	1.6	100.0
Bi (IS)	209	He	452526.51	0.6	100.0

Calibration Standard

File Name 005CALS.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 09:28:27

Sample Name **IC CAL1 9767629**

Comment ---

Dilution 1.0000

Vial # 1102

FullQuant Table

Element	Mass	ISTD	Tune Mode	CPS	CPS RSD
Be	9	6	No Gas	811.14	6.2
B	11	6	No Gas	45697.26	0.4
Na	23	45	He	25649.10	1.2
Mg	24	45	He	4076.17	0.7
Al	27	45	He	231.67	0.7
K	39	45	He	4943.14	4.9
Ca	40	45	H2	224522.53	1.2
Ti	47	45	He	21.33	21.7
V	51	45	He	1334.52	5.1
Cr	52	45	He	2256.87	6.4
Mn	55	45	He	1016.71	8.6
Fe	56	45	H2	296846.74	0.6
Co	59	45	He	2914.78	4.8
Ni	60	45	He	1026.71	0.9
Cu	63	45	He	2937.01	2.0
Zn	66	45	He	1225.62	2.3
As	75	45	He	97.22	15.6
Se	78	45	H2	173.34	13.5
Sr	88	115	He	471.13	2.9
Mo	95	115	He	1096.72	7.6
Ag	107	115	He	2310.22	3.6
Cd	111	115	He	221.12	11.5
Sn	118	115	He	3062.60	3.3
Sb	121	115	He	510.01	5.2
Ba	137	159	He	296.97	22.4
Tl	205	209	He	2335.79	5.9
[Pb]	206	209	He	1241.18	1.5
[Pb]	207	209	He	1126.73	3.4
Pb	208	209	He	5104.90	1.4

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3496013.11	2.1	99.4	60	125	
Sc (ISICPMS)	45	No Gas	4890135.28	1.5	101.2	60	125	
Sc (ISICPMS)	45	H2	2008639.05	3.6	99.6	60	125	
Sc (ISICPMS)	45	He	53520.18	1.0	99.5	60	125	
Ge (IS)	74	H2	351629.81	0.9	100.6	60	125	

Calibration Standard

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Ge (IS)	74	He	28722.94	2.6	99.5	60	125	
Kr	83	He	60.06	16.7	120.0			
In-1	115	He	88635.41	0.5	99.5	60	125	
Tb (IS)	159	He	527608.72	1.0	100.1	60	125	
Bi (IS)	209	He	456527.91	0.9	100.9	60	125	

Calibration Standard

File Name 006CALS.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 09:30:55

Sample Name **IC CAL2 9767631**

Comment ---

Dilution 1.0000

Vial # 1103

FullQuant Table

Element	Mass	ISTD	Tune Mode	CPS	CPS RSD
Be	9	6	No Gas	3754.96	2.1
B	11	6	No Gas	230799.07	1.2
Na	23	45	He	58835.24	0.2
Mg	24	45	He	20123.45	2.3
Al	27	45	He	1008.93	2.5
K	39	45	He	13003.95	2.7
Ca	40	45	H2	1062279.69	1.0
Ti	47	45	He	118.01	10.3
V	51	45	He	5393.32	3.9
Cr	52	45	He	7830.05	1.5
Mn	55	45	He	4936.48	5.4
Fe	56	45	H2	1440867.60	0.7
Co	59	45	He	14519.98	1.7
Ni	60	45	He	4538.56	3.1
Cu	63	45	He	13620.18	2.2
Zn	66	45	He	5309.96	3.2
As	75	45	He	397.23	3.3
Se	78	45	H2	986.71	4.6
Sr	88	115	He	2379.12	1.1
Mo	95	115	He	5195.50	2.3
Ag	107	115	He	11329.37	6.2
Cd	111	115	He	1055.61	6.7
Sn	118	115	He	14521.42	1.2
Sb	121	115	He	2478.58	4.1
Ba	137	159	He	1504.95	5.8
Tl	205	209	He	10889.26	1.9
[Pb]	206	209	He	5364.53	1.0
[Pb]	207	209	He	4757.61	1.2
Pb	208	209	He	21831.04	0.4

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3490552.52	1.1	99.2	60	125	
Sc (ISICPMS)	45	No Gas	4852127.89	1.8	100.4	60	125	
Sc (ISICPMS)	45	H2	2052385.27	2.8	101.7	60	125	
Sc (ISICPMS)	45	He	54315.42	1.9	100.9	60	125	
Ge (IS)	74	H2	358687.83	0.8	102.6	60	125	

Calibration Standard

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Ge (IS)	74	He	28990.20	2.8	100.4	60	125	
Kr	83	He	36.70	56.8	73.3			
In-1	115	He	88914.62	1.5	99.8	60	125	
Tb (IS)	159	He	525393.23	0.7	99.7	60	125	
Bi (IS)	209	He	451506.99	1.1	99.8	60	125	

Calibration Standard

File Name 007CALS.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 09:33:21

Sample Name **IC CAL3 9767645**

Comment ---

Dilution 1.0000

Vial # 1104

FullQuant Table

Element	Mass	ISTD	Tune Mode	CPS	CPS RSD
Be	9	6	No Gas	46182.75	5.4
B	11	6	No Gas	75999.85	3.3
Na	23	45	He	526558.55	0.5
Mg	24	45	He	245192.71	0.8
Al	27	45	He	61758.70	0.7
K	39	45	He	122911.39	0.7
Ca	40	45	H2	12576270.65	0.4
Ti	47	45	He	391.14	54.1
V	51	45	He	12923.91	1.3
Cr	52	45	He	17909.50	1.3
Mn	55	45	He	6029.15	3.4
Fe	56	45	H2	28924775.68	0.4
Co	59	45	He	35857.02	1.0
Ni	60	45	He	10936.67	2.3
Cu	63	45	He	31981.99	1.2
Zn	66	45	He	8399.32	1.3
As	75	45	He	2011.27	7.7
Se	78	45	H2	4021.74	2.2
Sr	88	115	He	5920.24	6.0
Mo	95	115	He	12681.66	1.7
Ag	107	115	He	26738.25	2.5
Cd	111	115	He	5246.63	0.8
Sn	118	115	He	8857.48	0.1
Sb	121	115	He	11857.59	1.3
Ba	137	159	He	3797.78	5.0
Tl	205	209	He	134294.28	0.3
[Pb]	206	209	He	42482.33	1.5
[Pb]	207	209	He	37560.95	1.5
Pb	208	209	He	173087.78	1.2

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3495359.05	1.6	99.3	60	125	
Sc (ISICPMS)	45	No Gas	4929044.91	1.4	102.0	60	125	
Sc (ISICPMS)	45	H2	2019410.67	2.1	100.1	60	125	
Sc (ISICPMS)	45	He	53895.04	1.0	100.2	60	125	
Ge (IS)	74	H2	372698.74	0.8	106.6	60	125	

Calibration Standard

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Ge (IS)	74	He	29813.01	1.6	103.3	60	125	
Kr	83	He	40.04	50.0	80.0			
In-1	115	He	88909.66	0.4	99.8	60	125	
Tb (IS)	159	He	530851.75	1.3	100.7	60	125	
Bi (IS)	209	He	454810.66	0.2	100.5	60	125	

Calibration Standard

File Name 008CALS.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 09:35:48

Sample Name **IC CAL4 9767647**

Comment ---

Dilution 1.0000

Vial # 1105

FullQuant Table

Element	Mass	ISTD	Tune Mode	CPS	CPS RSD
Be	9	6	No Gas	91941.85	1.6
B	11	6	No Gas	146708.01	1.9
Na	23	45	He	1029682.66	0.9
Mg	24	45	He	486673.24	0.9
Al	27	45	He	122677.91	0.8
K	39	45	He	240379.88	1.6
Ca	40	45	H2	24854722.96	1.9
Ti	47	45	He	538.40	5.0
V	51	45	He	24534.22	1.5
Cr	52	45	He	34815.30	0.9
Mn	55	45	He	11826.27	0.6
Fe	56	45	H2	56666976.38	2.2
Co	59	45	He	70397.11	0.8
Ni	60	45	He	20763.62	0.4
Cu	63	45	He	62728.24	0.4
Zn	66	45	He	16275.36	1.5
As	75	45	He	3925.03	0.8
Se	78	45	H2	7916.82	1.7
Sr	88	115	He	11710.76	2.8
Mo	95	115	He	25152.70	2.1
Ag	107	115	He	53014.72	1.9
Cd	111	115	He	10576.54	2.3
Sn	118	115	He	18207.16	3.2
Sb	121	115	He	23623.84	3.1
Ba	137	159	He	7546.54	5.2
Tl	205	209	He	267681.90	0.3
[Pb]	206	209	He	84813.10	1.0
[Pb]	207	209	He	75071.42	0.4
Pb	208	209	He	343406.39	0.5

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3464297.14	2.3	98.5	60	125	
Sc (ISICPMS)	45	No Gas	4827921.39	1.4	99.9	60	125	
Sc (ISICPMS)	45	H2	1984270.25	1.3	98.4	60	125	
Sc (ISICPMS)	45	He	52743.96	0.2	98.0	60	125	
Ge (IS)	74	H2	371513.32	0.9	106.3	60	125	

Calibration Standard

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Ge (IS)	74	He	29823.05	1.3	103.3	60	125	
Kr	83	He	46.71	53.9	93.3			
In-1	115	He	88773.61	0.9	99.7	60	125	
Tb (IS)	159	He	529682.22	1.0	100.5	60	125	
Bi (IS)	209	He	449746.28	0.8	99.4	60	125	

Calibration Standard

File Name 009CALS.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 09:38:15

Sample Name **IC CAL5 97676733**

Comment ---

Dilution 1.0000

Vial # 1106

FullQuant Table

Element	Mass	ISTD	Tune Mode	CPS	CPS RSD
Be	9	6	No Gas	188127.11	2.4
B	11	6	No Gas	296314.99	3.3
Na	23	45	He	2042716.45	3.8
Mg	24	45	He	986049.67	0.7
Al	27	45	He	246653.81	1.9
K	39	45	He	479409.27	1.5
Ca	40	45	H2	49295617.04	2.0
Ti	47	45	He	1094.18	7.0
V	51	45	He	48504.36	1.7
Cr	52	45	He	69445.07	0.5
Mn	55	45	He	23137.42	1.6
Fe	56	45	H2	113093674.98	1.8
Co	59	45	He	141727.47	0.5
Ni	60	45	He	40933.48	0.8
Cu	63	45	He	122821.00	1.0
Zn	66	45	He	31925.24	1.9
As	75	45	He	7969.60	0.4
Se	78	45	H2	16202.04	2.1
Sr	88	115	He	23537.42	1.7
Mo	95	115	He	50515.55	1.3
Ag	107	115	He	105121.92	0.7
Cd	111	115	He	20686.25	2.1
Sn	118	115	He	35591.19	3.3
Sb	121	115	He	47257.50	0.5
Ba	137	159	He	14917.17	2.7
Tl	205	209	He	540369.32	0.8
[Pb]	206	209	He	168455.78	1.0
[Pb]	207	209	He	147951.50	1.8
Pb	208	209	He	686940.76	0.8

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3480200.29	1.8	98.9	60	125	
Sc (ISICPMS)	45	No Gas	4850149.67	1.8	100.4	60	125	
Sc (ISICPMS)	45	H2	1965452.23	0.8	97.4	60	125	
Sc (ISICPMS)	45	He	53048.37	1.2	98.6	60	125	
Ge (IS)	74	H2	379578.48	1.4	108.6	60	125	

Calibration Standard

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Ge (IS)	74	He	28950.13	3.2	100.3	60	125	
Kr	83	He	36.70	15.7	73.3			
In-1	115	He	87685.70	1.7	98.4	60	125	
Tb (IS)	159	He	529253.19	0.8	100.4	60	125	
Bi (IS)	209	He	448173.41	0.5	99.0	60	125	

Initial Calibration Verification (ICV)

File Name 010_ICV.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 09:40:43

Sample Name **ICV 9766457**

Comment ---

Dilution 1.0000

Vial # 1201

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	77.389	ug/l	3.4	80	72	88	
B	11	6	No Gas	200.066	ug/l	2.2	200	180	220	
Na	23	45	He	20042.872	ug/l	1.3	20000	18000	22000	
Mg	24	45	He	19854.633	ug/l	0.5	20000	18000	22000	
Al	27	45	He	20089.827	ug/l	0.4	20000	18000	22000	
K	39	45	He	19980.477	ug/l	1.1	20000	18000	22000	
Ca	40	45	H2	19770.471	ug/l	1.4	20000	18000	22000	
Ti	47	45	He	71.855	ug/l	1.9	80	72	88	failed
V	51	45	He	78.589	ug/l	0.8	80	72	88	
Cr	52	45	He	80.364	ug/l	1.0	80	72	88	
Mn	55	45	He	81.543	ug/l	1.1	80	72	88	
Fe	56	45	H2	19480.076	ug/l	0.5	20000	18000	22000	
Co	59	45	He	80.052	ug/l	1.0	80	72	88	
Ni	60	45	He	81.480	ug/l	1.1	80	72	88	
Cu	63	45	He	79.881	ug/l	0.5	80	72	88	
Zn	66	45	He	197.221	ug/l	1.6	200	180	220	
As	75	45	He	81.470	ug/l	1.4	80	72	88	
Se	78	45	H2	77.375	ug/l	4.6	80	72	88	
Sr	88	115	He	80.777	ug/l	4.9	80	72	88	
Mo	95	115	He	81.136	ug/l	2.5	80	72	88	
Ag	107	115	He	40.026	ug/l	1.7	40	36	44	
Cd	111	115	He	79.326	ug/l	0.7	80	72	88	
Sn	118	115	He	79.234	ug/l	1.4	80	72	88	
Sb	121	115	He	79.167	ug/l	2.3	80	72	88	
Ba	137	159	He	77.008	ug/l	0.7	80	72	88	
Tl	205	209	He	77.463	ug/l	0.5	80	72	88	
[Pb]	206	209	He	78.980	ug/l	0.1				
[Pb]	207	209	He	78.861	ug/l	1.2				
Pb	208	209	He	78.625	ug/l	1.3	80	72	88	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3552256.51	2.0	101.0	60	125	
Sc (ISICPMS)	45	No Gas	4876929.31	1.7	100.9	60	125	
Sc (ISICPMS)	45	H2	1970651.60	0.6	97.7	60	125	
Sc (ISICPMS)	45	He	52509.52	1.2	97.6	60	125	
Ge (IS)	74	H2	371625.92	0.7	106.3	60	125	
Ge (IS)	74	He	29585.59	3.8	102.5	60	125	

Initial Calibration Verification (ICV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	30.03	88.2	60.0			
In-1	115	He	87784.53	1.2	98.6	60	125	
Tb (IS)	159	He	527688.06	0.7	100.1	60	125	
Bi (IS)	209	He	453262.37	0.9	100.2	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 011_ICB.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 09:43:08

Sample Name **ICB**

Comment ---

Dilution 1.0000

Multiplier Table 1101

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.030	ug/l	17.7	0.4	-0.4	0.4	
B	11	6	No Gas	6.498	ug/l	2.3	20	-20	20	
Na	23	45	He	2.009	ug/l	445.5	250	-250	250	
Mg	24	45	He	0.321	ug/l	117.0	100	-100	100	
Al	27	45	He	1.625	ug/l	103.8	20	-20	20	
K	39	45	He	2.884	ug/l	336.3	100	-100	100	
Ca	40	45	H2	0.433	ug/l	109.4	250	-250	250	
Ti	47	45	He	-0.235	ug/l	N/A	2	-2	2	
V	51	45	He	0.092	ug/l	41.8	2	-2	2	
Cr	52	45	He	0.107	ug/l	143.0	2	-2	2	
Mn	55	45	He	-0.044	ug/l	N/A	4	-4	4	
Fe	56	45	H2	0.773	ug/l	27.1	30	-30	30	
Co	59	45	He	-0.003	ug/l	N/A	2	-2	2	
Ni	60	45	He	-0.050	ug/l	N/A	2	-2	2	
Cu	63	45	He	0.057	ug/l	97.6	2	-2	2	
Zn	66	45	He	0.302	ug/l	166.8	8	-8	8	
As	75	45	He	0.032	ug/l	455.0	1	-1	1	
Se	78	45	H2	0.107	ug/l	79.1	1.25	-1.25	1.25	
Sr	88	115	He	0.047	ug/l	59.3	2	-2	2	
Mo	95	115	He	0.022	ug/l	121.7	2	-2	2	
Ag	107	115	He	-0.004	ug/l	N/A	1	-1	1	
Cd	111	115	He	-0.011	ug/l	N/A	1	-1	1	
Sn	118	115	He	0.005	ug/l	4712.4	8	-8	8	
Sb	121	115	He	0.087	ug/l	60.5	1	-1	1	
Ba	137	159	He	0.134	ug/l	99.9	2	-2	2	
Tl	205	209	He	-0.006	ug/l	N/A	0.4	-0.4	0.4	
[Pb]	206	209	He	-0.010	ug/l	N/A				
[Pb]	207	209	He	0.063	ug/l	56.6				
Pb	208	209	He	0.010	ug/l	235.3	0.6	-0.6	0.6	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3531046.93	3.4	100.4	60	125	
Sc (ISICPMS)	45	No Gas	4825187.94	2.1	99.9	60	125	
Sc (ISICPMS)	45	H2	1978052.56	3.3	98.1	60	125	
Sc (ISICPMS)	45	He	52974.78	0.9	98.4	60	125	
Ge (IS)	74	H2	358941.53	1.8	102.7	60	125	
Ge (IS)	74	He	29134.16	1.4	100.9	60	125	
Kr	83	He	26.69	86.6	53.3			
In-1	115	He	88746.24	2.0	99.6	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Tb (IS)	159	He	528302.40	0.5	100.2	60	125	
Bi (IS)	209	He	456820.55	0.7	100.9	60	125	

CRQL Check Standard (CRI)

File Name 012_CRI.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 09:45:33

Sample Name **CRI 9767629**

Comment ---

Dilution 1.0000

Vial # 1102

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.765	ug/l	5.0	0.8	0.4	1.2	
B	11	6	No Gas	80.933	ug/l	1.6	80	40	120	
Na	23	45	He	201.290	ug/l	6.1	200	100	300	
Mg	24	45	He	202.454	ug/l	1.4	200	100	300	
Al	27	45	He	37.648	ug/l	9.9	40	20	60	
K	39	45	He	221.586	ug/l	10.5	200	100	300	
Ca	40	45	H2	191.588	ug/l	1.6	200	100	300	
Ti	47	45	He	3.778	ug/l	8.3	4	2	6	
V	51	45	He	4.189	ug/l	6.9	4	2	6	
Cr	52	45	He	4.274	ug/l	7.3	4	2	6	
Mn	55	45	He	8.475	ug/l	4.0	8	4	12	
Fe	56	45	H2	118.354	ug/l	1.1	120	60	180	
Co	59	45	He	4.024	ug/l	2.7	4	2	6	
Ni	60	45	He	3.955	ug/l	1.9	4	2	6	
Cu	63	45	He	4.495	ug/l	2.0	4	2	6	
Zn	66	45	He	15.798	ug/l	6.6	16	8	24	
As	75	45	He	1.448	ug/l	22.7	2	1	3	
Se	78	45	H2	2.104	ug/l	13.7	2.5	1.25	3.75	
Sr	88	115	He	3.952	ug/l	7.4	4	2	6	
Mo	95	115	He	4.016	ug/l	2.8	4	2	6	
Ag	107	115	He	2.114	ug/l	1.9	2	1	3	
Cd	111	115	He	2.125	ug/l	14.0	2	1	3	
Sn	118	115	He	16.274	ug/l	1.3	16	8	24	
Sb	121	115	He	2.102	ug/l	7.0	2	1	3	
Ba	137	159	He	4.240	ug/l	28.4	4	2	6	
Tl	205	209	He	0.710	ug/l	3.4	0.8	0.4	1.2	
[Pb]	206	209	He	1.131	ug/l	7.7				
[Pb]	207	209	He	1.202	ug/l	5.7				
Pb	208	209	He	1.172	ug/l	0.1	1.2	0.6	1.8	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3569563.39	2.2	101.5	60	125	
Sc (ISICPMS)	45	No Gas	4983158.66	1.3	103.1	60	125	
Sc (ISICPMS)	45	H2	2027887.38	1.4	100.5	60	125	
Sc (ISICPMS)	45	He	53927.24	1.6	100.2	60	125	
Ge (IS)	74	H2	360835.76	0.3	103.2	60	125	
Ge (IS)	74	He	29077.25	2.7	100.7	60	125	

CRQL Check Standard (CRI)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	46.71	24.7	93.3			
In-1	115	He	89334.60	0.5	100.3	60	125	
Tb (IS)	159	He	528516.01	0.8	100.2	60	125	
Bi (IS)	209	He	463227.40	0.7	102.4	60	125	

Interference Check Standard-A (ICSA)

File Name 013ICSA.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 09:48:11

Sample Name **ICSA 9767675**

Comment ---

Dilution 1.0000

Method 1304

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.027	ug/l	59.2	0.8	-1.6	1.6	
B	11	6	No Gas	4.597	ug/l	4.5	80	-160	160	
Na	23	45	He	101571.957	ug/l	1.0	100000	80000	120000	
Mg	24	45	He	101008.484	ug/l	1.7	100000	80000	120000	
Al	27	45	He	100682.347	ug/l	0.6	100000	80000	120000	
K	39	45	He	97690.470	ug/l	2.7	100000	80000	120000	
Ca	40	45	H2	100479.560	ug/l	2.3	100000	80000	120000	
Ti	47	45	He	1920.029	ug/l	1.2	2000	1600	2400	
V	51	45	He	0.081	ug/l	112.3	4	-8	8	
Cr	52	45	He	1.472	ug/l	11.6	4	-8	8	
Mn	55	45	He	0.963	ug/l	24.3	8	-16	16	
Fe	56	45	H2	100756.420	ug/l	3.0	100000	80000	120000	
Co	59	45	He	0.390	ug/l	10.0	4	-8	8	
Ni	60	45	He	0.848	ug/l	35.2	4	-8	8	
Cu	63	45	He	0.790	ug/l	3.6	4	-8	8	
Zn	66	45	He	2.820	ug/l	27.7	16	-32	32	
As	75	45	He	0.251	ug/l	15.6	2	-4	4	
Se	78	45	H2	0.167	ug/l	13.2	2.5	-5	5	
Sr	88	115	He	2.909	ug/l	14.9	4	-8	8	
Mo	95	115	He	2066.491	ug/l	0.9	2000	-4000	4000	
Ag	107	115	He	0.422	ug/l	10.3	2	-4	4	
Cd	111	115	He	0.197	ug/l	51.2	2	-4	4	
Sn	118	115	He	0.122	ug/l	132.0	16	-32	32	
Sb	121	115	He	0.018	ug/l	98.5	2	-4	4	
Ba	137	159	He	3.782	ug/l	9.3	4	-8	8	
Tl	205	209	He	0.015	ug/l	27.7	0.8	-1.6	1.6	
[Pb]	206	209	He	1.522	ug/l	8.5				
[Pb]	207	209	He	1.363	ug/l	6.3				
Pb	208	209	He	1.473	ug/l	1.6	1.2	-2.4	2.4	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3379368.39	2.1	96.1	60	125	
Sc (ISICPMS)	45	No Gas	4764190.38	2.3	98.6	60	125	
Sc (ISICPMS)	45	H2	1938107.26	3.4	96.1	60	125	
Sc (ISICPMS)	45	He	52034.60	0.8	96.7	60	125	
Ge (IS)	74	H2	375694.33	0.3	107.5	60	125	
Ge (IS)	74	He	29893.43	2.4	103.5	60	125	

Interference Check Standard-A (ICSA)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	40.04	NaN	80.0			
In-1	115	He	86288.53	0.5	96.9	60	125	
Tb (IS)	159	He	524256.85	1.0	99.4	60	125	
Bi (IS)	209	He	436130.19	1.0	96.4	60	125	

Interference Check Standard-AB (ICSAB)

File Name 014ICSB.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 09:50:36

Sample Name **ICSAB 9767687**

Comment ---

Dilution 1.0000

Method 1305

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	209.635	ug/l	1.3	200	-400	400	
B	11	6	No Gas	19.453	ug/l	3.7				
Na	23	45	He	103688.445	ug/l	1.3	100000	80000	120000	
Mg	24	45	He	102308.565	ug/l	1.3	100000	80000	120000	
Al	27	45	He	102481.862	ug/l	1.2	100000	80000	120000	
K	39	45	He	100214.647	ug/l	3.6	100000	80000	120000	
Ca	40	45	H2	101127.534	ug/l	0.7	100000	80000	120000	
Ti	47	45	He	1962.411	ug/l	2.1	2000	1600	2400	
V	51	45	He	218.770	ug/l	1.5	200	160	240	
Cr	52	45	He	206.789	ug/l	2.0	200	160	240	
Mn	55	45	He	212.680	ug/l	2.3	200	160	240	
Fe	56	45	H2	100273.507	ug/l	0.9	100000	80000	120000	
Co	59	45	He	209.359	ug/l	0.9	200	160	240	
Ni	60	45	He	211.153	ug/l	1.6	200	160	240	
Cu	63	45	He	208.517	ug/l	0.4	200	160	240	
Zn	66	45	He	216.148	ug/l	0.8	200	160	240	
As	75	45	He	213.541	ug/l	1.8	200	160	240	
Se	78	45	H2	204.309	ug/l	1.4	200	160	240	
Sr	88	115	He	213.106	ug/l	1.9	200	-400	400	
Mo	95	115	He	2092.791	ug/l	1.2	2000	1600	2400	
Ag	107	115	He	203.021	ug/l	1.8	200	160	240	
Cd	111	115	He	211.636	ug/l	1.8	200	160	240	
Sn	118	115	He	207.671	ug/l	0.6	200	-400	400	
Sb	121	115	He	110.684	ug/l	1.1	100	-200	200	
Ba	137	159	He	205.661	ug/l	3.4	200	-400	400	
Tl	205	209	He	105.552	ug/l	1.0	100	-200	200	
[Pb]	206	209	He	214.040	ug/l	0.5				
[Pb]	207	209	He	215.750	ug/l	1.8				
Pb	208	209	He	214.233	ug/l	1.5	200	-400	400	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3405054.88	2.8	96.8	60	125	
Sc (ISICPMS)	45	No Gas	4798488.63	0.5	99.3	60	125	
Sc (ISICPMS)	45	H2	1965423.56	2.0	97.4	60	125	
Sc (ISICPMS)	45	He	51797.11	0.8	96.3	60	125	
Ge (IS)	74	H2	384201.02	1.4	109.9	60	125	
Ge (IS)	74	He	30344.69	1.8	105.1	60	125	

Interference Check Standard-AB (ICSAB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	30.03	88.2	60.0			
In-1	115	He	86264.97	1.4	96.8	60	125	
Tb (IS)	159	He	522738.08	1.4	99.2	60	125	
Bi (IS)	209	He	434692.49	1.6	96.1	60	125	

Linear Range Check (LRC)

File Name 015LRCA.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 09:53:04

Sample Name **LRC 9705928**

Comment LRC-A

Dilution 1.0000

Vial # 1306

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	2136.551	ug/l	1.1	2000	1800	2200	
B	11	6	No Gas	3.488	ug/l	4.0				
Na	23	45	He	-1.636	ug/l	N/A				
Mg	24	45	He	15.099	ug/l	13.6				
Al	27	45	He	5.311	ug/l	7.6				
K	39	45	He	32.962	ug/l	16.3				
Ca	40	45	H2	7.379	ug/l	4.9				
Ti	47	45	He	4618.093	ug/l	3.1	5000	4500	5500	
V	51	45	He	5255.211	ug/l	3.5	5000	4500	5500	
Cr	52	45	He	20743.956	ug/l	1.4	20000	18000	22000	
Mn	55	45	He	10801.303	ug/l	1.5	10000	9000	11000	
Fe	56	45	H2	6.568	ug/l	2.4				
Co	59	45	He	2138.899	ug/l	2.1	2000	1800	2200	
Ni	60	45	He	21641.589	ug/l	2.4	20000	18000	22000	
Cu	63	45	He	21057.074	ug/l	2.9	20000	18000	22000	
Zn	66	45	He	20375.127	ug/l	1.3	20000	18000	22000	
As	75	45	He	5244.080	ug/l	2.9	5000	4500	5500	
Se	78	45	H2	2105.192	ug/l	0.5	2000	1800	2200	
Sr	88	115	He	5024.484	ug/l	0.3	5000	4500	5500	
Mo	95	115	He	2079.406	ug/l	0.7	2000	1800	2200	
Ag	107	115	He	0.032	ug/l	41.9				
Cd	111	115	He	5210.033	ug/l	1.3	5000	4500	5500	
Sn	118	115	He	-0.016	ug/l	N/A				
Sb	121	115	He	0.041	ug/l	68.4				
Ba	137	159	He	19104.635	ug/l	4.4	20000	18000	22000	
Tl	205	209	He	1022.853	ug/l	0.8	1000	900	1100	
[Pb]	206	209	He	21045.750	ug/l	0.9				
[Pb]	207	209	He	21137.673	ug/l	1.1				
Pb	208	209	He	21186.019	ug/l	1.6	20000	18000	22000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3367814.50	3.1	95.7	60	125	
Sc (ISICPMS)	45	No Gas	4713104.08	1.6	97.6	60	125	
Sc (ISICPMS)	45	H2	1847674.57	0.7	91.6	60	125	
Sc (ISICPMS)	45	He	47883.91	3.1	89.0	60	125	
Ge (IS)	74	H2	348214.76	0.9	99.6	60	125	
Ge (IS)	74	He	27375.45	3.4	94.8	60	125	

Linear Range Check (LRC)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	43.38	13.3	86.7			
In-1	115	He	81803.20	1.0	91.8	60	125	
Tb (IS)	159	He	501263.02	1.0	95.1	60	125	
Bi (IS)	209	He	443502.00	1.4	98.0	60	125	

Linear Range Check (LRC)

File Name 016LRCB.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 09:55:24

Sample Name **LRC 9264222**

Comment LRC-B

Dilution 1.0000

Vial # 1307

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.393	ug/l	2.8				
B	11	6	No Gas	5.925	ug/l	2.3				
Na	23	45	He	494542.116	ug/l	1.3	500000	450000	550000	
Mg	24	45	He	509613.511	ug/l	0.4	500000	450000	550000	
Al	27	45	He	205315.974	ug/l	1.3	200000	180000	220000	
K	39	45	He	492331.307	ug/l	0.3	500000	450000	550000	
Ca	40	45	H2	488044.352	ug/l	2.3	500000	450000	550000	
Ti	47	45	He	0.737	ug/l	72.3				
V	51	45	He	-0.400	ug/l	N/A				
Cr	52	45	He	2.483	ug/l	10.5				
Mn	55	45	He	3.645	ug/l	13.4				
Fe	56	45	H2	472518.292	ug/l	3.2	500000	450000	550000	
Co	59	45	He	5.361	ug/l	0.6				
Ni	60	45	He	1.151	ug/l	7.0				
Cu	63	45	He	1.890	ug/l	4.2				
Zn	66	45	He	5.567	ug/l	25.1				
As	75	45	He	0.236	ug/l	54.6				
Se	78	45	H2	0.285	ug/l	62.9				
Sr	88	115	He	28.481	ug/l	24.8				
Mo	95	115	He	0.850	ug/l	8.8				
Ag	107	115	He	0.130	ug/l	2.1				
Cd	111	115	He	0.254	ug/l	14.0				
Sn	118	115	He	-0.005	ug/l	N/A				
Sb	121	115	He	0.229	ug/l	20.7				
Ba	137	159	He	7.710	ug/l	13.2				
Tl	205	209	He	0.206	ug/l	89.4				
[Pb]	206	209	He	8.450	ug/l	1.9				
[Pb]	207	209	He	8.328	ug/l	2.5				
Pb	208	209	He	8.375	ug/l	1.6				

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	2927990.90	2.2	83.2	60	125	
Sc (ISICPMS)	45	No Gas	4099265.74	0.2	84.9	60	125	
Sc (ISICPMS)	45	H2	1678218.99	1.2	83.2	60	125	
Sc (ISICPMS)	45	He	44659.81	0.6	83.0	60	125	
Ge (IS)	74	H2	320582.53	0.1	91.7	60	125	
Ge (IS)	74	He	25910.99	1.2	89.8	60	125	

Linear Range Check (LRC)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	26.69	57.3	53.3			
In-1	115	He	74510.37	1.4	83.6	60	125	
Tb (IS)	159	He	477571.24	0.3	90.6	60	125	
Bi (IS)	209	He	388827.18	0.3	85.9	60	125	

Sample Report

File Name 018SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:00:10

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.107	ug/l	14.9	2000	
B	11	6	No Gas	1.193	ug/l	7.3	500	
Na	23	45	He	136.331	ug/l	7.4	500000	
Mg	24	45	He	12.950	ug/l	17.5	500000	
Al	27	45	He	2.580	ug/l	21.7	200000	
K	39	45	He	60.151	ug/l	32.6	500000	
Ca	40	45	H2	9.543	ug/l	2.6	500000	
Ti	47	45	He	-0.265	ug/l	N/A	5000	
V	51	45	He	-0.412	ug/l	N/A	5000	
Cr	52	45	He	-0.096	ug/l	N/A	20000	
Mn	55	45	He	0.055	ug/l	30.2	10000	
Fe	56	45	H2	10.863	ug/l	6.2	500000	
Co	59	45	He	-0.014	ug/l	N/A	2000	
Ni	60	45	He	-0.116	ug/l	N/A	20000	
Cu	63	45	He	0.440	ug/l	18.6	20000	
Zn	66	45	He	0.561	ug/l	114.7	20000	
As	75	45	He	0.030	ug/l	326.3	5000	
Se	78	45	H2	0.033	ug/l	236.2	2000	
Sr	88	115	He	0.043	ug/l	111.1	5000	
Mo	95	115	He	0.055	ug/l	51.4	2000	
Ag	107	115	He	0.011	ug/l	62.9	100	
Cd	111	115	He	0.001	ug/l	1682.4	5000	
Sn	118	115	He	-0.136	ug/l	N/A	200	
Sb	121	115	He	-0.011	ug/l	N/A	200	
Ba	137	159	He	0.049	ug/l	173.2	20000	
Tl	205	209	He	-0.019	ug/l	N/A	1000	
[Pb]	206	209	He	0.281	ug/l	14.9		
[Pb]	207	209	He	0.258	ug/l	7.2		
Pb	208	209	He	0.287	ug/l	4.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3193108.01	1.3	90.8	60	125	
Sc (ISICPMS)	45	No Gas	4221862.34	0.9	87.4	60	125	
Sc (ISICPMS)	45	H2	1749776.31	2.2	86.7	60	125	
Sc (ISICPMS)	45	He	45779.11	0.8	85.1	60	125	
Ge (IS)	74	H2	315389.70	1.4	90.2	60	125	
Ge (IS)	74	He	25550.01	1.3	88.5	60	125	
Kr	83	He	16.68	91.7	33.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	79649.19	1.2	89.4	60	125	
Tb (IS)	159	He	491491.47	1.1	93.2	60	125	
Bi (IS)	209	He	435155.37	1.2	96.2	60	125	

Sample Report

File Name 019SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:02:39

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.066	ug/l	27.6	2000	
B	11	6	No Gas	0.832	ug/l	19.6	500	
Na	23	45	He	96.063	ug/l	0.9	500000	
Mg	24	45	He	6.754	ug/l	23.4	500000	
Al	27	45	He	1.058	ug/l	121.1	200000	
K	39	45	He	39.478	ug/l	43.0	500000	
Ca	40	45	H2	3.748	ug/l	10.4	500000	
Ti	47	45	He	-0.403	ug/l	N/A	5000	
V	51	45	He	-0.369	ug/l	N/A	5000	
Cr	52	45	He	0.087	ug/l	135.4	20000	
Mn	55	45	He	0.058	ug/l	87.0	10000	
Fe	56	45	H2	4.594	ug/l	1.1	500000	
Co	59	45	He	-0.014	ug/l	N/A	2000	
Ni	60	45	He	0.008	ug/l	775.8	20000	
Cu	63	45	He	0.364	ug/l	45.5	20000	
Zn	66	45	He	0.572	ug/l	25.5	20000	
As	75	45	He	-0.048	ug/l	N/A	5000	
Se	78	45	H2	0.004	ug/l	1999.7	2000	
Sr	88	115	He	0.053	ug/l	101.8	5000	
Mo	95	115	He	0.012	ug/l	125.0	2000	
Ag	107	115	He	0.001	ug/l	865.3	100	
Cd	111	115	He	-0.011	ug/l	N/A	5000	
Sn	118	115	He	-0.001	ug/l	N/A	200	
Sb	121	115	He	-0.053	ug/l	N/A	200	
Ba	137	159	He	0.095	ug/l	173.2	20000	
Tl	205	209	He	-0.031	ug/l	N/A	1000	
[Pb]	206	209	He	0.191	ug/l	30.6		
[Pb]	207	209	He	0.232	ug/l	20.8		
Pb	208	209	He	0.186	ug/l	18.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3237084.98	1.2	92.0	60	125	
Sc (ISICPMS)	45	No Gas	4243689.69	0.5	87.8	60	125	
Sc (ISICPMS)	45	H2	1708160.03	2.1	84.7	60	125	
Sc (ISICPMS)	45	He	45358.77	1.7	84.3	60	125	
Ge (IS)	74	H2	314355.19	1.7	89.9	60	125	
Ge (IS)	74	He	25329.54	1.2	87.7	60	125	
Kr	83	He	43.38	26.6	86.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	79813.34	0.7	89.6	60	125	
Tb (IS)	159	He	491477.53	1.3	93.2	60	125	
Bi (IS)	209	He	437010.05	0.2	96.6	60	125	

Sample Report

File Name 020SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:05:08

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.046	ug/l	24.2	2000	
B	11	6	No Gas	0.781	ug/l	12.0	500	
Na	23	45	He	66.109	ug/l	20.8	500000	
Mg	24	45	He	4.951	ug/l	45.0	500000	
Al	27	45	He	0.229	ug/l	393.5	200000	
K	39	45	He	23.060	ug/l	98.2	500000	
Ca	40	45	H2	2.220	ug/l	18.9	500000	
Ti	47	45	He	4.200	ug/l	188.5	5000	
V	51	45	He	-0.451	ug/l	N/A	5000	
Cr	52	45	He	0.001	ug/l	5590.8	20000	
Mn	55	45	He	-0.011	ug/l	N/A	10000	
Fe	56	45	H2	3.333	ug/l	9.6	500000	
Co	59	45	He	-0.017	ug/l	N/A	2000	
Ni	60	45	He	-0.035	ug/l	N/A	20000	
Cu	63	45	He	0.212	ug/l	27.5	20000	
Zn	66	45	He	0.725	ug/l	66.6	20000	
As	75	45	He	0.012	ug/l	1466.7	5000	
Se	78	45	H2	0.019	ug/l	380.8	2000	
Sr	88	115	He	0.043	ug/l	43.6	5000	
Mo	95	115	He	0.007	ug/l	123.6	2000	
Ag	107	115	He	0.004	ug/l	202.3	100	
Cd	111	115	He	0.013	ug/l	159.1	5000	
Sn	118	115	He	-0.060	ug/l	N/A	200	
Sb	121	115	He	0.014	ug/l	178.8	200	
Ba	137	159	He	0.048	ug/l	173.2	20000	
Tl	205	209	He	-0.031	ug/l	N/A	1000	
[Pb]	206	209	He	0.139	ug/l	6.1		
[Pb]	207	209	He	0.130	ug/l	23.0		
Pb	208	209	He	0.196	ug/l	50.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3246331.30	1.5	92.3	60	125	
Sc (ISICPMS)	45	No Gas	4262449.33	2.4	88.2	60	125	
Sc (ISICPMS)	45	H2	1722029.72	2.7	85.4	60	125	
Sc (ISICPMS)	45	He	45800.27	1.2	85.1	60	125	
Ge (IS)	74	H2	315112.51	2.0	90.2	60	125	
Ge (IS)	74	He	25931.04	1.7	89.8	60	125	
Kr	83	He	36.70	63.0	73.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	80123.11	1.5	90.0	60	125	
Tb (IS)	159	He	491914.25	1.5	93.3	60	125	
Bi (IS)	209	He	437652.38	1.7	96.7	60	125	

Continuing Calibration Verification (CCV)

File Name 021_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:07:40

Sample Name **CCV 9767647**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	95.391	ug/l	3.4	100	90	110	
B	11	6	No Gas	238.562	ug/l	3.0	250	225	275	
Na	23	45	He	25365.783	ug/l	1.1	25000	22500	27500	
Mg	24	45	He	24736.043	ug/l	2.3	25000	22500	27500	
Al	27	45	He	24696.094	ug/l	2.1	25000	22500	27500	
K	39	45	He	24435.229	ug/l	1.9	25000	22500	27500	
Ca	40	45	H2	24679.461	ug/l	1.2	25000	22500	27500	
Ti	47	45	He	88.899	ug/l	5.4	100	90	110	failed
V	51	45	He	99.108	ug/l	1.1	100	90	110	
Cr	52	45	He	99.991	ug/l	1.7	100	90	110	
Mn	55	45	He	100.476	ug/l	1.5	100	90	110	
Fe	56	45	H2	24647.758	ug/l	1.9	25000	22500	27500	
Co	59	45	He	98.746	ug/l	1.9	100	90	110	
Ni	60	45	He	100.434	ug/l	1.4	100	90	110	
Cu	63	45	He	100.613	ug/l	2.4	100	90	110	
Zn	66	45	He	251.836	ug/l	4.7	250	225	275	
As	75	45	He	97.009	ug/l	0.7	100	90	110	
Se	78	45	H2	99.868	ug/l	2.6	100	90	110	
Sr	88	115	He	97.533	ug/l	1.6	100	90	110	
Mo	95	115	He	97.805	ug/l	1.8	100	90	110	
Ag	107	115	He	49.745	ug/l	1.7	50	45	55	
Cd	111	115	He	97.163	ug/l	2.7	100	90	110	
Sn	118	115	He	96.665	ug/l	1.6	100	90	110	
Sb	121	115	He	96.896	ug/l	0.4	100	90	110	
Ba	137	159	He	97.097	ug/l	2.2	100	90	110	
Tl	205	209	He	96.511	ug/l	1.6	100	90	110	
[Pb]	206	209	He	98.099	ug/l	2.0				
[Pb]	207	209	He	98.849	ug/l	1.9				
Pb	208	209	He	98.460	ug/l	2.1	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3258603.01	2.9	92.6	60	125	
Sc (ISICPMS)	45	No Gas	4367809.95	1.1	90.4	60	125	
Sc (ISICPMS)	45	H2	1762355.13	2.5	87.4	60	125	
Sc (ISICPMS)	45	He	46873.83	1.8	87.1	60	125	
Ge (IS)	74	H2	332165.50	1.0	95.0	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Ge (IS)	74	He	27261.83	5.3	94.4	60	125	
Kr	83	He	30.03	33.3	60.0			
In-1	115	He	80908.94	0.6	90.8	60	125	
Tb (IS)	159	He	496608.04	0.9	94.2	60	125	
Bi (IS)	209	He	430968.70	1.2	95.2	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 022_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:10:08

Sample Name **CCB**

Comment ---

Dilution 1.0000

Analyte Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.054	ug/l	22.3	0.8	-0.8	0.8	
B	11	6	No Gas	3.382	ug/l	2.3	40	-40	40	
Na	23	45	He	40.587	ug/l	24.1	500	-500	500	
Mg	24	45	He	4.305	ug/l	11.4	200	-200	200	
Al	27	45	He	0.381	ug/l	414.6	40	-40	40	
K	39	45	He	29.546	ug/l	78.0	200	-200	200	
Ca	40	45	H2	0.919	ug/l	96.0	500	-500	500	
Ti	47	45	He	-0.407	ug/l	N/A	4	-4	4	
V	51	45	He	-0.174	ug/l	N/A	4	-4	4	
Cr	52	45	He	0.067	ug/l	342.3	4	-4	4	
Mn	55	45	He	-0.071	ug/l	N/A	8	-8	8	
Fe	56	45	H2	2.199	ug/l	8.1	60	-60	60	
Co	59	45	He	-0.016	ug/l	N/A	4	-4	4	
Ni	60	45	He	-0.081	ug/l	N/A	4	-4	4	
Cu	63	45	He	0.216	ug/l	9.1	4	-4	4	
Zn	66	45	He	0.239	ug/l	167.0	16	-16	16	
As	75	45	He	-0.105	ug/l	N/A	2	-2	2	
Se	78	45	H2	0.109	ug/l	86.4	2.5	-2.5	2.5	
Sr	88	115	He	0.062	ug/l	27.8	4	-4	4	
Mo	95	115	He	0.011	ug/l	128.0	4	-4	4	
Ag	107	115	He	0.005	ug/l	197.5	2	-2	2	
Cd	111	115	He	0.001	ug/l	2209.8	2	-2	2	
Sn	118	115	He	-0.065	ug/l	N/A	16	-16	16	
Sb	121	115	He	0.022	ug/l	214.9	2	-2	2	
Ba	137	159	He	0.000	ug/l	N/A	4	-4	4	
Tl	205	209	He	-0.026	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.118	ug/l	13.6				
[Pb]	207	209	He	0.130	ug/l	46.8				
Pb	208	209	He	0.123	ug/l	17.5	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3304451.65	1.2	93.9	60	125	
Sc (ISICPMS)	45	No Gas	4363766.68	1.2	90.3	60	125	
Sc (ISICPMS)	45	H2	1787864.16	1.2	88.6	60	125	
Sc (ISICPMS)	45	He	47073.49	0.6	87.5	60	125	
Ge (IS)	74	H2	323602.12	0.6	92.6	60	125	
Ge (IS)	74	He	26064.85	3.0	90.3	60	125	
Kr	83	He	40.04	90.1	80.0			
In-1	115	He	81070.81	0.5	91.0	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Tb (IS)	159	He	499097.63	1.2	94.7	60	125	
Bi (IS)	209	He	437128.87	0.2	96.6	60	125	

Sample Report

File Name 023SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:20:23

Sample Name **MB 460-838208/1-A**

Comment ---

Dilution **1.0000**

Vial # 2101

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.011	ug/l	156.6	2000	
B	11	6	No Gas	0.797	ug/l	5.0	500	
Na	23	45	He	-7.809	ug/l	N/A	500000	
Mg	24	45	He	1.837	ug/l	26.2	500000	
Al	27	45	He	0.654	ug/l	157.5	200000	
K	39	45	He	25.583	ug/l	81.1	500000	
Ca	40	45	H2	2.027	ug/l	12.1	500000	
Ti	47	45	He	-0.193	ug/l	N/A	5000	
V	51	45	He	-0.291	ug/l	N/A	5000	
Cr	52	45	He	-0.104	ug/l	N/A	20000	
Mn	55	45	He	-0.021	ug/l	N/A	10000	
Fe	56	45	H2	1.010	ug/l	13.7	500000	
Co	59	45	He	0.003	ug/l	527.9	2000	
Ni	60	45	He	0.170	ug/l	69.1	20000	
Cu	63	45	He	0.189	ug/l	12.7	20000	
Zn	66	45	He	0.375	ug/l	127.9	20000	
As	75	45	He	-0.066	ug/l	N/A	5000	
Se	78	45	H2	0.005	ug/l	1043.7	2000	
Sr	88	115	He	0.022	ug/l	141.9	5000	
Mo	95	115	He	0.022	ug/l	102.3	2000	
Ag	107	115	He	0.001	ug/l	418.8	100	
Cd	111	115	He	-0.011	ug/l	N/A	5000	
Sn	118	115	He	-0.108	ug/l	N/A	200	
Sb	121	115	He	-0.049	ug/l	N/A	200	
Ba	137	159	He	0.000	ug/l	N/A	20000	
Tl	205	209	He	-0.051	ug/l	N/A	1000	
[Pb]	206	209	He	0.038	ug/l	58.1		
[Pb]	207	209	He	0.102	ug/l	19.6		
Pb	208	209	He	0.046	ug/l	24.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3086783.57	1.6	87.7	60	125	
Sc (ISICPMS)	45	No Gas	4087603.61	0.4	84.6	60	125	
Sc (ISICPMS)	45	H2	1678914.61	1.8	83.2	60	125	
Sc (ISICPMS)	45	He	45502.67	1.1	84.6	60	125	
Ge (IS)	74	H2	311449.41	0.7	89.1	60	125	
Ge (IS)	74	He	25232.51	3.5	87.4	60	125	
Kr	83	He	30.03	88.2	60.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	78613.84	0.8	88.3	60	125	
Tb (IS)	159	He	491177.82	0.7	93.2	60	125	
Bi (IS)	209	He	433208.05	0.4	95.7	60	125	

Sample Report

File Name 024SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:22:57

Sample Name **LCSSRM 460-838208/2-A@5**

Comment ---

Dilution **1.0000**

Vial # 2102

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	322.825	ug/l	2.4	2000	
B	11	6	No Gas	154.599	ug/l	1.9	500	
Na	23	45	He	233.104	ug/l	4.1	500000	
Mg	24	45	He	4539.218	ug/l	0.9	500000	
Al	27	45	He	15829.762	ug/l	0.4	200000	
K	39	45	He	3875.140	ug/l	0.4	500000	
Ca	40	45	H2	9389.848	ug/l	0.5	500000	
Ti	47	45	He	841.882	ug/l	2.4	5000	
V	51	45	He	371.447	ug/l	1.5	5000	
Cr	52	45	He	242.615	ug/l	1.7	20000	
Mn	55	45	He	1060.124	ug/l	1.7	10000	
Fe	56	45	H2	27817.336	ug/l	1.0	500000	
Co	59	45	He	125.644	ug/l	1.5	2000	
Ni	60	45	He	283.039	ug/l	2.6	20000	
Cu	63	45	He	123.136	ug/l	2.1	20000	
Zn	66	45	He	600.415	ug/l	1.2	20000	
As	75	45	He	168.102	ug/l	0.7	5000	
Se	78	45	H2	245.521	ug/l	4.2	2000	
Sr	88	115	He	164.895	ug/l	1.9	5000	
Mo	95	115	He	141.938	ug/l	0.2	2000	
Ag	107	115	He	87.825	ug/l	0.9	100	
Cd	111	115	He	198.692	ug/l	1.0	5000	
Sn	118	115	He	157.970	ug/l	0.3	200	
Sb	121	115	He	187.698	ug/l	3.2	200	
Ba	137	159	He	484.453	ug/l	2.6	20000	
Tl	205	209	He	289.726	ug/l	1.5	1000	
[Pb]	206	209	He	250.770	ug/l	0.3		
[Pb]	207	209	He	242.134	ug/l	0.6		
Pb	208	209	He	246.652	ug/l	0.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3145791.86	1.2	89.4	60	125	
Sc (ISICPMS)	45	No Gas	4303831.81	1.7	89.1	60	125	
Sc (ISICPMS)	45	H2	1727171.71	1.9	85.6	60	125	
Sc (ISICPMS)	45	He	46575.27	0.4	86.6	60	125	
Ge (IS)	74	H2	333808.92	1.8	95.5	60	125	
Ge (IS)	74	He	26867.15	1.8	93.1	60	125	
Kr	83	He	113.46	53.9	226.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	80694.06	0.7	90.6	60	125	
Tb (IS)	159	He	501926.26	0.4	95.2	60	125	
Bi (IS)	209	He	433850.00	1.2	95.9	60	125	

Sample Report

File Name 025SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:25:23

Sample Name **MB 460-838210/1-A**

Comment ---

Dilution **1.0000**

Vial # 2401

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.040	ug/l	31.7	2000	
B	11	6	No Gas	2.331	ug/l	2.3	500	
Na	23	45	He	-12.629	ug/l	N/A	500000	
Mg	24	45	He	1.681	ug/l	19.6	500000	
Al	27	45	He	0.746	ug/l	144.0	200000	
K	39	45	He	9.600	ug/l	180.4	500000	
Ca	40	45	H2	0.575	ug/l	47.0	500000	
Ti	47	45	He	-0.003	ug/l	N/A	5000	
V	51	45	He	-0.454	ug/l	N/A	5000	
Cr	52	45	He	0.111	ug/l	74.3	20000	
Mn	55	45	He	-0.008	ug/l	N/A	10000	
Fe	56	45	H2	0.584	ug/l	50.5	500000	
Co	59	45	He	-0.005	ug/l	N/A	2000	
Ni	60	45	He	0.100	ug/l	65.0	20000	
Cu	63	45	He	0.119	ug/l	41.2	20000	
Zn	66	45	He	0.686	ug/l	91.8	20000	
As	75	45	He	-0.073	ug/l	N/A	5000	
Se	78	45	H2	0.064	ug/l	148.6	2000	
Sr	88	115	He	0.072	ug/l	24.3	5000	
Mo	95	115	He	0.011	ug/l	128.1	2000	
Ag	107	115	He	-0.001	ug/l	N/A	100	
Cd	111	115	He	0.001	ug/l	2218.3	5000	
Sn	118	115	He	-0.149	ug/l	N/A	200	
Sb	121	115	He	0.049	ug/l	116.4	200	
Ba	137	159	He	0.047	ug/l	173.2	20000	
Tl	205	209	He	-0.005	ug/l	N/A	1000	
[Pb]	206	209	He	0.074	ug/l	13.1		
[Pb]	207	209	He	0.087	ug/l	44.7		
Pb	208	209	He	0.055	ug/l	32.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3242178.77	1.3	92.2	60	125	
Sc (ISICPMS)	45	No Gas	4370543.46	2.1	90.5	60	125	
Sc (ISICPMS)	45	H2	1760304.04	1.0	87.3	60	125	
Sc (ISICPMS)	45	He	47208.37	1.5	87.7	60	125	
Ge (IS)	74	H2	322296.83	1.5	92.2	60	125	
Ge (IS)	74	He	25486.50	0.1	88.3	60	125	
Kr	83	He	30.03	100.0	60.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	81663.76	0.5	91.7	60	125	
Tb (IS)	159	He	503803.46	1.1	95.6	60	125	
Bi (IS)	209	He	442125.15	0.3	97.7	60	125	

Sample Report

File Name 026SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:27:52

Sample Name **LCSSRM 460-838210/2-A@5**

Comment ---

Dilution **1.0000**

Vial # 2402

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	338.929	ug/l	1.9	2000	
B	11	6	No Gas	164.118	ug/l	1.4	500	
Na	23	45	He	264.113	ug/l	2.1	500000	
Mg	24	45	He	4808.905	ug/l	1.4	500000	
Al	27	45	He	17087.254	ug/l	1.9	200000	
K	39	45	He	4087.869	ug/l	2.3	500000	
Ca	40	45	H2	9550.520	ug/l	2.0	500000	
Ti	47	45	He	908.956	ug/l	0.8	5000	
V	51	45	He	380.547	ug/l	0.3	5000	
Cr	52	45	He	248.524	ug/l	0.1	20000	
Mn	55	45	He	944.658	ug/l	2.0	10000	
Fe	56	45	H2	28711.807	ug/l	3.3	500000	
Co	59	45	He	126.332	ug/l	1.9	2000	
Ni	60	45	He	285.291	ug/l	2.7	20000	
Cu	63	45	He	124.119	ug/l	0.8	20000	
Zn	66	45	He	617.057	ug/l	2.2	20000	
As	75	45	He	172.299	ug/l	0.8	5000	
Se	78	45	H2	247.899	ug/l	4.0	2000	
Sr	88	115	He	191.777	ug/l	0.9	5000	
Mo	95	115	He	148.086	ug/l	1.1	2000	
Ag	107	115	He	89.758	ug/l	2.1	100	
Cd	111	115	He	207.533	ug/l	1.2	5000	
Sn	118	115	He	165.933	ug/l	3.5	200	
Sb	121	115	He	204.251	ug/l	3.2	200	>LDR 6020B
Ba	137	159	He	513.217	ug/l	2.4	20000	
Tl	205	209	He	294.860	ug/l	1.6	1000	
[Pb]	206	209	He	254.599	ug/l	1.2		
[Pb]	207	209	He	244.620	ug/l	1.1		
Pb	208	209	He	250.082	ug/l	0.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3226376.51	1.0	91.7	60	125	
Sc (ISICPMS)	45	No Gas	4388200.39	0.4	90.8	60	125	
Sc (ISICPMS)	45	H2	1794799.02	0.8	89.0	60	125	
Sc (ISICPMS)	45	He	48080.30	1.5	89.4	60	125	
Ge (IS)	74	H2	348232.28	0.2	99.6	60	125	
Ge (IS)	74	He	27810.03	2.0	96.3	60	125	
Kr	83	He	66.73	70.9	133.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	80993.96	1.6	90.9	60	125	
Tb (IS)	159	He	504172.07	0.6	95.6	60	125	
Bi (IS)	209	He	442089.90	0.6	97.7	60	125	

Sample Report

File Name 027SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:30:19

Sample Name **MB 460-838257/1-A**

Comment ---

Dilution **1.0000**

Vial # 4401

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.068	ug/l	30.0	2000	
B	11	6	No Gas	3.238	ug/l	8.1	500	
Na	23	45	He	-18.941	ug/l	N/A	500000	
Mg	24	45	He	1.743	ug/l	23.2	500000	
Al	27	45	He	0.311	ug/l	457.9	200000	
K	39	45	He	7.362	ug/l	193.9	500000	
Ca	40	45	H2	2.544	ug/l	19.0	500000	
Ti	47	45	He	0.257	ug/l	90.5	5000	
V	51	45	He	-0.319	ug/l	N/A	5000	
Cr	52	45	He	0.306	ug/l	121.7	20000	
Mn	55	45	He	-0.032	ug/l	N/A	10000	
Fe	56	45	H2	1.308	ug/l	20.3	500000	
Co	59	45	He	-0.006	ug/l	N/A	2000	
Ni	60	45	He	0.065	ug/l	220.1	20000	
Cu	63	45	He	0.111	ug/l	43.9	20000	
Zn	66	45	He	0.359	ug/l	126.3	20000	
As	75	45	He	-0.076	ug/l	N/A	5000	
Se	78	45	H2	4.897	ug/l	141.5	2000	
Sr	88	115	He	0.062	ug/l	102.6	5000	
Mo	95	115	He	-0.003	ug/l	N/A	2000	
Ag	107	115	He	0.005	ug/l	101.8	100	
Cd	111	115	He	0.059	ug/l	204.6	5000	
Sn	118	115	He	0.056	ug/l	127.0	200	
Sb	121	115	He	0.050	ug/l	94.5	200	
Ba	137	159	He	0.141	ug/l	99.7	20000	
Tl	205	209	He	0.008	ug/l	175.9	1000	
[Pb]	206	209	He	0.055	ug/l	90.2		
[Pb]	207	209	He	0.080	ug/l	76.4		
Pb	208	209	He	0.051	ug/l	12.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3232767.63	1.3	91.9	60	125	
Sc (ISICPMS)	45	No Gas	4378182.30	0.9	90.6	60	125	
Sc (ISICPMS)	45	H2	1809134.87	1.0	89.7	60	125	
Sc (ISICPMS)	45	He	47961.99	0.3	89.1	60	125	
Ge (IS)	74	H2	333683.14	0.8	95.5	60	125	
Ge (IS)	74	He	26205.33	1.3	90.8	60	125	
Kr	83	He	33.37	34.6	66.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	82375.21	1.0	92.5	60	125	
Tb (IS)	159	He	500869.92	0.7	95.0	60	125	
Bi (IS)	209	He	443595.06	1.1	98.0	60	125	

Sample Report

File Name 028SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:32:49

Sample Name **LCS 460-838257/2-A**

Comment ---

Dilution **1.0000**

Vial # 4402

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	24.853	ug/l	2.2	2000	
B	11	6	No Gas	500.184	ug/l	2.2	500	>LDR 6020B
Na	23	45	He	2573.444	ug/l	1.4	500000	
Mg	24	45	He	2572.701	ug/l	1.5	500000	
Al	27	45	He	2620.690	ug/l	2.1	200000	
K	39	45	He	2523.644	ug/l	2.0	500000	
Ca	40	45	H2	2616.640	ug/l	0.7	500000	
Ti	47	45	He	51.339	ug/l	12.6	5000	
V	51	45	He	52.189	ug/l	0.4	5000	
Cr	52	45	He	51.687	ug/l	0.4	20000	
Mn	55	45	He	260.841	ug/l	0.9	10000	
Fe	56	45	H2	2591.360	ug/l	2.3	500000	
Co	59	45	He	25.926	ug/l	1.8	2000	
Ni	60	45	He	53.860	ug/l	1.6	20000	
Cu	63	45	He	52.796	ug/l	1.9	20000	
Zn	66	45	He	261.077	ug/l	1.7	20000	
As	75	45	He	50.690	ug/l	4.5	5000	
Se	78	45	H2	51.619	ug/l	6.3	2000	
Sr	88	115	He	50.261	ug/l	1.8	5000	
Mo	95	115	He	50.909	ug/l	0.8	2000	
Ag	107	115	He	25.565	ug/l	0.3	100	
Cd	111	115	He	26.187	ug/l	4.1	5000	
Sn	118	115	He	50.844	ug/l	0.8	200	
Sb	121	115	He	26.752	ug/l	2.2	200	
Ba	137	159	He	49.598	ug/l	7.5	20000	
Tl	205	209	He	19.896	ug/l	2.2	1000	
[Pb]	206	209	He	25.459	ug/l	1.1		
[Pb]	207	209	He	25.744	ug/l	2.8		
Pb	208	209	He	25.658	ug/l	0.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3282917.73	1.7	93.3	60	125	
Sc (ISICPMS)	45	No Gas	4421710.04	2.8	91.5	60	125	
Sc (ISICPMS)	45	H2	1786616.33	0.4	88.6	60	125	
Sc (ISICPMS)	45	He	47489.38	1.3	88.3	60	125	
Ge (IS)	74	H2	334733.19	1.2	95.8	60	125	
Ge (IS)	74	He	26409.21	2.0	91.5	60	125	
Kr	83	He	100.11	87.2	200.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	81736.07	1.3	91.8	60	125	
Tb (IS)	159	He	497564.02	0.6	94.4	60	125	
Bi (IS)	209	He	441165.33	0.8	97.5	60	125	

Sample Report

File Name 029SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:35:15

Sample Name **460-255026-A-1-V**

Comment ---

Dilution **1.0000**

Vial # 2108

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	4.841	ug/l	2.2	2000	
B	11	6	No Gas	41.192	ug/l	2.2	500	
Na	23	45	He	6296.201	ug/l	0.8	500000	
Mg	24	45	He	114651.501	ug/l	1.9	500000	
Al	27	45	He	28236.974	ug/l	0.6	200000	
K	39	45	He	5338.028	ug/l	0.9	500000	
Ca	40	45	H2	334225.113	ug/l	2.3	500000	
Ti	47	45	He	645.395	ug/l	1.4	5000	
V	51	45	He	310.663	ug/l	2.7	5000	
Cr	52	45	He	139.966	ug/l	0.1	20000	
Mn	55	45	He	10296.624	ug/l	3.2	10000	>LDR 6020B□>LDR 200.8
Fe	56	45	H2	129604.697	ug/l	3.2	500000	
Co	59	45	He	45.640	ug/l	3.1	2000	
Ni	60	45	He	149.737	ug/l	2.1	20000	
Cu	63	45	He	394.481	ug/l	0.8	20000	
Zn	66	45	He	768.962	ug/l	1.2	20000	
As	75	45	He	26.104	ug/l	2.5	5000	
Se	78	45	H2	1.082	ug/l	9.9	2000	
Sr	88	115	He	1955.126	ug/l	0.9	5000	
Mo	95	115	He	12.803	ug/l	6.2	2000	
Ag	107	115	He	0.666	ug/l	5.7	100	
Cd	111	115	He	3.505	ug/l	16.0	5000	
Sn	118	115	He	17.172	ug/l	3.4	200	
Sb	121	115	He	5.913	ug/l	1.0	200	
Ba	137	159	He	277.335	ug/l	0.6	20000	
Tl	205	209	He	0.300	ug/l	8.8	1000	
[Pb]	206	209	He	140.217	ug/l	0.2		
[Pb]	207	209	He	137.161	ug/l	1.0		
Pb	208	209	He	137.515	ug/l	1.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3186451.06	0.8	90.6	60	125	
Sc (ISICPMS)	45	No Gas	4545582.97	3.9	94.1	60	125	
Sc (ISICPMS)	45	H2	1829229.44	1.6	90.7	60	125	
Sc (ISICPMS)	45	He	48946.61	1.0	91.0	60	125	
Ge (IS)	74	H2	324713.30	1.4	92.9	60	125	
Ge (IS)	74	He	26402.56	1.6	91.5	60	125	
Kr	83	He	36.70	15.7	73.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	76982.87	0.4	86.4	60	125	
Tb (IS)	159	He	494888.91	0.5	93.9	60	125	
Bi (IS)	209	He	421781.10	1.2	93.2	60	125	

Sample Report

File Name 030SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:40:02

Sample Name **460-255026-A-2-U@2**

Comment ---

Dilution **1.0000**

Vial # 2109

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	2.055	ug/l	2.3	2000	
B	11	6	No Gas	122.142	ug/l	5.2	500	
Na	23	45	He	7054.380	ug/l	1.9	500000	
Mg	24	45	He	17851.862	ug/l	1.9	500000	
Al	27	45	He	36647.267	ug/l	1.9	200000	
K	39	45	He	4041.139	ug/l	0.8	500000	
Ca	40	45	H2	37839.244	ug/l	1.4	500000	
Ti	47	45	He	778.789	ug/l	2.5	5000	
V	51	45	He	151.515	ug/l	1.2	5000	
Cr	52	45	He	120.327	ug/l	2.1	20000	
Mn	55	45	He	1597.559	ug/l	0.4	10000	
Fe	56	45	H2	97189.186	ug/l	0.4	500000	
Co	59	45	He	35.645	ug/l	0.6	2000	
Ni	60	45	He	126.101	ug/l	2.4	20000	
Cu	63	45	He	432.934	ug/l	1.3	20000	
Zn	66	45	He	814.822	ug/l	1.6	20000	
As	75	45	He	93.946	ug/l	1.2	5000	
Se	78	45	H2	0.497	ug/l	12.2	2000	
Sr	88	115	He	145.300	ug/l	1.8	5000	
Mo	95	115	He	10.511	ug/l	2.1	2000	
Ag	107	115	He	0.716	ug/l	6.2	100	
Cd	111	115	He	1.641	ug/l	6.3	5000	
Sn	118	115	He	32.812	ug/l	2.7	200	
Sb	121	115	He	4.094	ug/l	5.5	200	
Ba	137	159	He	203.962	ug/l	2.3	20000	
Tl	205	209	He	0.708	ug/l	2.4	1000	
[Pb]	206	209	He	131.851	ug/l	2.0		
[Pb]	207	209	He	130.649	ug/l	1.9		
Pb	208	209	He	131.951	ug/l	1.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3193852.31	2.8	90.8	60	125	
Sc (ISICPMS)	45	No Gas	4234593.82	0.6	87.7	60	125	
Sc (ISICPMS)	45	H2	1727759.75	1.0	85.7	60	125	
Sc (ISICPMS)	45	He	45899.46	1.2	85.3	60	125	
Ge (IS)	74	H2	339631.51	2.1	97.2	60	125	
Ge (IS)	74	He	26596.34	1.8	92.1	60	125	
Kr	83	He	30.03	66.7	60.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	78570.96	0.8	88.2	60	125	
Tb (IS)	159	He	491560.16	0.3	93.2	60	125	
Bi (IS)	209	He	427358.32	1.1	94.4	60	125	

Sample Report

File Name 031SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:42:25

Sample Name **460-255026-A-3-U@2**

Comment ---

Dilution **1.0000**

Vial # 2110

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	2.200	ug/l	10.9	2000	
B	11	6	No Gas	193.488	ug/l	2.1	500	
Na	23	45	He	30562.021	ug/l	0.8	500000	
Mg	24	45	He	21376.212	ug/l	1.0	500000	
Al	27	45	He	95141.816	ug/l	1.1	200000	
K	39	45	He	10943.005	ug/l	0.2	500000	
Ca	40	45	H2	185820.496	ug/l	1.7	500000	
Ti	47	45	He	3369.042	ug/l	0.5	5000	
V	51	45	He	157.022	ug/l	1.3	5000	
Cr	52	45	He	197.334	ug/l	0.2	20000	
Mn	55	45	He	978.206	ug/l	1.6	10000	
Fe	56	45	H2	59909.849	ug/l	1.4	500000	
Co	59	45	He	44.890	ug/l	1.8	2000	
Ni	60	45	He	170.783	ug/l	0.6	20000	
Cu	63	45	He	5017.554	ug/l	1.5	20000	
Zn	66	45	He	4170.317	ug/l	1.2	20000	
As	75	45	He	11.385	ug/l	7.2	5000	
Se	78	45	H2	0.594	ug/l	18.7	2000	
Sr	88	115	He	509.844	ug/l	0.8	5000	
Mo	95	115	He	17.233	ug/l	1.9	2000	
Ag	107	115	He	4.881	ug/l	4.4	100	
Cd	111	115	He	14.359	ug/l	2.6	5000	
Sn	118	115	He	94.790	ug/l	2.4	200	
Sb	121	115	He	30.740	ug/l	1.9	200	
Ba	137	159	He	1290.175	ug/l	1.2	20000	
Tl	205	209	He	0.286	ug/l	8.3	1000	
[Pb]	206	209	He	641.001	ug/l	0.9		
[Pb]	207	209	He	634.653	ug/l	0.5		
Pb	208	209	He	634.329	ug/l	1.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3097609.02	2.5	88.0	60	125	
Sc (ISICPMS)	45	No Gas	4191547.34	0.7	86.8	60	125	
Sc (ISICPMS)	45	H2	1683138.66	1.7	83.4	60	125	
Sc (ISICPMS)	45	He	45245.09	1.1	84.1	60	125	
Ge (IS)	74	H2	338108.02	0.6	96.7	60	125	
Ge (IS)	74	He	26944.10	0.7	93.3	60	125	
Kr	83	He	60.06	0.0	120.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	77275.67	1.0	86.8	60	125	
Tb (IS)	159	He	485208.15	1.1	92.0	60	125	
Bi (IS)	209	He	424611.81	0.3	93.8	60	125	

Sample Report

File Name 032SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:44:45

Sample Name **460-255026-A-4-U@2**

Comment ---

Dilution **1.0000**

Vial # 2111

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	1.500	ug/l	3.7	2000	
B	11	6	No Gas	291.744	ug/l	1.3	500	
Na	23	45	He	15064.493	ug/l	2.5	500000	
Mg	24	45	He	54269.893	ug/l	2.3	500000	
Al	27	45	He	65147.472	ug/l	1.5	200000	
K	39	45	He	8886.723	ug/l	1.1	500000	
Ca	40	45	H2	169893.570	ug/l	0.7	500000	
Ti	47	45	He	3947.021	ug/l	1.0	5000	
V	51	45	He	176.419	ug/l	1.1	5000	
Cr	52	45	He	272.109	ug/l	1.1	20000	
Mn	55	45	He	1331.868	ug/l	1.8	10000	
Fe	56	45	H2	69029.555	ug/l	0.9	500000	
Co	59	45	He	57.258	ug/l	1.7	2000	
Ni	60	45	He	189.651	ug/l	0.2	20000	
Cu	63	45	He	2800.005	ug/l	0.3	20000	
Zn	66	45	He	1501.211	ug/l	1.2	20000	
As	75	45	He	7.819	ug/l	7.6	5000	
Se	78	45	H2	1.115	ug/l	27.4	2000	
Sr	88	115	He	1037.695	ug/l	4.3	5000	
Mo	95	115	He	10.966	ug/l	2.3	2000	
Ag	107	115	He	3.748	ug/l	53.2	100	
Cd	111	115	He	5.688	ug/l	7.7	5000	
Sn	118	115	He	32.169	ug/l	3.2	200	
Sb	121	115	He	9.757	ug/l	5.4	200	
Ba	137	159	He	5166.131	ug/l	0.7	20000	
Tl	205	209	He	0.312	ug/l	3.1	1000	
[Pb]	206	209	He	243.117	ug/l	2.4		
[Pb]	207	209	He	238.676	ug/l	1.8		
Pb	208	209	He	239.256	ug/l	1.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3178704.12	1.3	90.3	60	125	
Sc (ISICPMS)	45	No Gas	4318708.55	2.1	89.4	60	125	
Sc (ISICPMS)	45	H2	1751949.26	0.3	86.8	60	125	
Sc (ISICPMS)	45	He	46368.86	1.2	86.2	60	125	
Ge (IS)	74	H2	337701.06	1.1	96.6	60	125	
Ge (IS)	74	He	27759.87	2.6	96.2	60	125	
Kr	83	He	36.70	150.2	73.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	77769.66	2.2	87.3	60	125	
Tb (IS)	159	He	488931.72	1.1	92.7	60	125	
Bi (IS)	209	He	426600.32	2.0	94.3	60	125	

Continuing Calibration Verification (CCV)

File Name 033_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:47:13

Sample Name **CCV 9767647**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	95.612	ug/l	3.4	100	90	110	
B	11	6	No Gas	244.452	ug/l	2.7	250	225	275	
Na	23	45	He	24636.034	ug/l	2.5	25000	22500	27500	
Mg	24	45	He	24586.916	ug/l	2.1	25000	22500	27500	
Al	27	45	He	24706.137	ug/l	2.8	25000	22500	27500	
K	39	45	He	24401.740	ug/l	2.2	25000	22500	27500	
Ca	40	45	H2	24017.469	ug/l	0.8	25000	22500	27500	
Ti	47	45	He	84.164	ug/l	6.8	100	90	110	failed
V	51	45	He	98.592	ug/l	3.0	100	90	110	
Cr	52	45	He	97.197	ug/l	3.7	100	90	110	
Mn	55	45	He	98.277	ug/l	1.5	100	90	110	
Fe	56	45	H2	24197.602	ug/l	0.6	25000	22500	27500	
Co	59	45	He	97.495	ug/l	3.2	100	90	110	
Ni	60	45	He	99.714	ug/l	5.2	100	90	110	
Cu	63	45	He	98.745	ug/l	3.4	100	90	110	
Zn	66	45	He	251.004	ug/l	3.3	250	225	275	
As	75	45	He	97.495	ug/l	3.6	100	90	110	
Se	78	45	H2	94.659	ug/l	2.2	100	90	110	
Sr	88	115	He	95.794	ug/l	2.6	100	90	110	
Mo	95	115	He	96.821	ug/l	2.0	100	90	110	
Ag	107	115	He	50.287	ug/l	2.0	50	45	55	
Cd	111	115	He	98.580	ug/l	3.5	100	90	110	
Sn	118	115	He	97.877	ug/l	2.6	100	90	110	
Sb	121	115	He	96.993	ug/l	2.0	100	90	110	
Ba	137	159	He	90.632	ug/l	2.3	100	90	110	
Tl	205	209	He	95.292	ug/l	2.1	100	90	110	
[Pb]	206	209	He	96.978	ug/l	0.6				
[Pb]	207	209	He	97.823	ug/l	3.0				
Pb	208	209	He	97.264	ug/l	1.8	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3230582.31	0.2	91.8	60	125	
Sc (ISICPMS)	45	No Gas	4369815.02	1.5	90.5	60	125	
Sc (ISICPMS)	45	H2	1725048.91	2.6	85.5	60	125	
Sc (ISICPMS)	45	He	46270.79	2.6	86.0	60	125	
Ge (IS)	74	H2	333400.41	1.0	95.4	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Ge (IS)	74	He	26603.04	2.3	92.1	60	125	
Kr	83	He	30.03	88.2	60.0			
In-1	115	He	79077.17	1.4	88.8	60	125	
Tb (IS)	159	He	494709.80	0.5	93.8	60	125	
Bi (IS)	209	He	430093.55	1.1	95.0	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 034_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:49:40

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.012	ug/l	48.0	0.8	-0.8	0.8	
B	11	6	No Gas	5.840	ug/l	3.3	40	-40	40	
Na	23	45	He	-18.266	ug/l	N/A	500	-500	500	
Mg	24	45	He	0.983	ug/l	71.5	200	-200	200	
Al	27	45	He	0.178	ug/l	226.0	40	-40	40	
K	39	45	He	3.411	ug/l	561.0	200	-200	200	
Ca	40	45	H2	2.365	ug/l	20.4	500	-500	500	
Ti	47	45	He	-0.338	ug/l	N/A	4	-4	4	
V	51	45	He	-0.286	ug/l	N/A	4	-4	4	
Cr	52	45	He	0.038	ug/l	562.6	4	-4	4	
Mn	55	45	He	0.072	ug/l	295.6	8	-8	8	
Fe	56	45	H2	1.762	ug/l	5.7	60	-60	60	
Co	59	45	He	0.124	ug/l	162.5	4	-4	4	
Ni	60	45	He	-0.037	ug/l	N/A	4	-4	4	
Cu	63	45	He	0.173	ug/l	22.6	4	-4	4	
Zn	66	45	He	0.463	ug/l	74.9	16	-16	16	
As	75	45	He	0.008	ug/l	3840.9	2	-2	2	
Se	78	45	H2	0.051	ug/l	298.0	2.5	-2.5	2.5	
Sr	88	115	He	0.001	ug/l	1631.9	4	-4	4	
Mo	95	115	He	0.017	ug/l	283.4	4	-4	4	
Ag	107	115	He	0.004	ug/l	121.1	2	-2	2	
Cd	111	115	He	-0.011	ug/l	N/A	2	-2	2	
Sn	118	115	He	0.025	ug/l	705.1	16	-16	16	
Sb	121	115	He	0.134	ug/l	167.4	2	-2	2	
Ba	137	159	He	0.000	ug/l	N/A	4	-4	4	
Tl	205	209	He	-0.048	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.042	ug/l	77.5				
[Pb]	207	209	He	0.005	ug/l	889.9				
Pb	208	209	He	0.017	ug/l	62.0	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3318972.38	1.9	94.3	60	125	
Sc (ISICPMS)	45	No Gas	4399729.00	0.6	91.1	60	125	
Sc (ISICPMS)	45	H2	1723306.26	1.0	85.4	60	125	
Sc (ISICPMS)	45	He	46393.42	1.4	86.2	60	125	
Ge (IS)	74	H2	318079.94	1.0	91.0	60	125	
Ge (IS)	74	He	25723.77	0.5	89.1	60	125	
Kr	83	He	33.37	34.6	66.7			
In-1	115	He	80012.95	1.0	89.8	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Tb (IS)	159	He	494117.16	1.6	93.7	60	125	
Bi (IS)	209	He	433758.15	1.1	95.9	60	125	

Sample Report

File Name 035SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:52:08

Sample Name **pds 460-255499-G-3-B**

Comment ---

Dilution **1.0000**

Vial # 4403

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	27.607	ug/l	1.6	2000	
B	11	6	No Gas	628.634	ug/l	1.3	500	>LDR 6020B
Na	23	45	He	331244.391	ug/l	2.0	500000	
Mg	24	45	He	16143.851	ug/l	1.7	500000	
Al	27	45	He	2802.972	ug/l	1.1	200000	
K	39	45	He	6123.252	ug/l	1.4	500000	
Ca	40	45	H2	212312.238	ug/l	2.7	500000	
Ti	47	45	He	48.475	ug/l	3.8	5000	
V	51	45	He	58.030	ug/l	1.1	5000	
Cr	52	45	He	58.384	ug/l	2.5	20000	
Mn	55	45	He	11386.919	ug/l	2.0	10000	>LDR 6020B□>LDR 200.8
Fe	56	45	H2	2829.818	ug/l	2.7	500000	
Co	59	45	He	27.750	ug/l	0.8	2000	
Ni	60	45	He	57.622	ug/l	2.8	20000	
Cu	63	45	He	56.574	ug/l	1.7	20000	
Zn	66	45	He	286.130	ug/l	1.9	20000	
As	75	45	He	57.752	ug/l	1.3	5000	
Se	78	45	H2	55.956	ug/l	6.4	2000	
Sr	88	115	He	426.877	ug/l	1.5	5000	
Mo	95	115	He	56.971	ug/l	1.5	2000	
Ag	107	115	He	24.709	ug/l	1.2	100	
Cd	111	115	He	29.896	ug/l	1.2	5000	
Sn	118	115	He	59.684	ug/l	1.2	200	
Sb	121	115	He	29.956	ug/l	1.3	200	
Ba	137	159	He	1880.113	ug/l	0.9	20000	
Tl	205	209	He	22.474	ug/l	1.0	1000	
[Pb]	206	209	He	28.909	ug/l	2.3		
[Pb]	207	209	He	29.361	ug/l	1.0		
Pb	208	209	He	29.166	ug/l	0.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3120195.68	2.9	88.7	60	125	
Sc (ISICPMS)	45	No Gas	4209451.64	3.4	87.1	60	125	
Sc (ISICPMS)	45	H2	1730556.66	3.3	85.8	60	125	
Sc (ISICPMS)	45	He	45443.48	1.4	84.5	60	125	
Ge (IS)	74	H2	332902.66	0.4	95.3	60	125	
Ge (IS)	74	He	26920.63	1.9	93.2	60	125	
Kr	83	He	16.68	91.7	33.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	77393.01	0.2	86.9	60	125	
Tb (IS)	159	He	488382.82	0.4	92.6	60	125	
Bi (IS)	209	He	416570.74	1.0	92.1	60	125	

Sample Report

File Name 036SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:54:39

Sample Name **460-255499-G-3-D MS**

Comment ---

Dilution **1.0000**

Vial # 4404

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	27.525	ug/l	1.7	2000	
B	11	6	No Gas	630.734	ug/l	1.7	500	>LDR 6020B
Na	23	45	He	338478.714	ug/l	1.4	500000	
Mg	24	45	He	16502.288	ug/l	0.7	500000	
Al	27	45	He	2738.242	ug/l	1.8	200000	
K	39	45	He	6091.225	ug/l	0.8	500000	
Ca	40	45	H2	218803.836	ug/l	2.4	500000	
Ti	47	45	He	52.436	ug/l	0.6	5000	
V	51	45	He	57.526	ug/l	2.7	5000	
Cr	52	45	He	57.697	ug/l	2.2	20000	
Mn	55	45	He	11789.422	ug/l	2.6	10000	>LDR 6020B□>LDR 200.8
Fe	56	45	H2	2800.579	ug/l	2.2	500000	
Co	59	45	He	27.293	ug/l	1.4	2000	
Ni	60	45	He	56.362	ug/l	2.4	20000	
Cu	63	45	He	55.613	ug/l	3.0	20000	
Zn	66	45	He	280.825	ug/l	1.3	20000	
As	75	45	He	57.942	ug/l	0.9	5000	
Se	78	45	H2	23.700	ug/l	4.6	2000	
Sr	88	115	He	447.287	ug/l	0.8	5000	
Mo	95	115	He	57.202	ug/l	2.2	2000	
Ag	107	115	He	27.460	ug/l	1.8	100	
Cd	111	115	He	27.626	ug/l	3.0	5000	
Sn	118	115	He	57.635	ug/l	3.5	200	
Sb	121	115	He	30.558	ug/l	1.8	200	
Ba	137	159	He	1950.069	ug/l	0.2	20000	
Tl	205	209	He	22.121	ug/l	2.1	1000	
[Pb]	206	209	He	28.229	ug/l	0.9		
[Pb]	207	209	He	28.458	ug/l	2.8		
Pb	208	209	He	28.450	ug/l	1.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3147163.60	2.1	89.5	60	125	
Sc (ISICPMS)	45	No Gas	4292657.40	2.0	88.9	60	125	
Sc (ISICPMS)	45	H2	1735634.09	0.9	86.0	60	125	
Sc (ISICPMS)	45	He	45588.52	1.2	84.7	60	125	
Ge (IS)	74	H2	334846.44	1.5	95.8	60	125	
Ge (IS)	74	He	26900.64	1.0	93.2	60	125	
Kr	83	He	40.04	25.0	80.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	77251.86	0.4	86.7	60	125	
Tb (IS)	159	He	488703.98	0.9	92.7	60	125	
Bi (IS)	209	He	419156.56	1.3	92.6	60	125	

Sample Report

File Name 018SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:00:10

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.107	ug/l	14.9	2000	
B	11	6	No Gas	1.193	ug/l	7.3	500	
Na	23	45	He	136.331	ug/l	7.4	500000	
Mg	24	45	He	12.950	ug/l	17.5	500000	
Al	27	45	He	2.580	ug/l	21.7	200000	
K	39	45	He	60.151	ug/l	32.6	500000	
Ca	40	45	H2	9.543	ug/l	2.6	500000	
Ti	47	45	He	-0.265	ug/l	N/A	5000	
V	51	45	He	-0.412	ug/l	N/A	5000	
Cr	52	45	He	-0.096	ug/l	N/A	20000	
Mn	55	45	He	0.055	ug/l	30.2	10000	
Fe	56	45	H2	10.863	ug/l	6.2	500000	
Co	59	45	He	-0.014	ug/l	N/A	2000	
Ni	60	45	He	-0.116	ug/l	N/A	20000	
Cu	63	45	He	0.440	ug/l	18.6	20000	
Zn	66	45	He	0.561	ug/l	114.7	20000	
As	75	45	He	0.030	ug/l	326.3	5000	
Se	78	45	H2	0.033	ug/l	236.2	2000	
Sr	88	115	He	0.043	ug/l	111.1	5000	
Mo	95	115	He	0.055	ug/l	51.4	2000	
Ag	107	115	He	0.011	ug/l	62.9	100	
Cd	111	115	He	0.001	ug/l	1682.4	5000	
Sn	118	115	He	-0.136	ug/l	N/A	200	
Sb	121	115	He	-0.011	ug/l	N/A	200	
Ba	137	159	He	0.049	ug/l	173.2	20000	
Tl	205	209	He	-0.019	ug/l	N/A	1000	
[Pb]	206	209	He	0.281	ug/l	14.9		
[Pb]	207	209	He	0.258	ug/l	7.2		
Pb	208	209	He	0.287	ug/l	4.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3193108.01	1.3	90.8	60	125	
Sc (ISICPMS)	45	No Gas	4221862.34	0.9	87.4	60	125	
Sc (ISICPMS)	45	H2	1749776.31	2.2	86.7	60	125	
Sc (ISICPMS)	45	He	45779.11	0.8	85.1	60	125	
Ge (IS)	74	H2	315389.70	1.4	90.2	60	125	
Ge (IS)	74	He	25550.01	1.3	88.5	60	125	
Kr	83	He	16.68	91.7	33.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	79649.19	1.2	89.4	60	125	
Tb (IS)	159	He	491491.47	1.1	93.2	60	125	
Bi (IS)	209	He	435155.37	1.2	96.2	60	125	

Sample Report

File Name 019SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:02:39

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.066	ug/l	27.6	2000	
B	11	6	No Gas	0.832	ug/l	19.6	500	
Na	23	45	He	96.063	ug/l	0.9	500000	
Mg	24	45	He	6.754	ug/l	23.4	500000	
Al	27	45	He	1.058	ug/l	121.1	200000	
K	39	45	He	39.478	ug/l	43.0	500000	
Ca	40	45	H2	3.748	ug/l	10.4	500000	
Ti	47	45	He	-0.403	ug/l	N/A	5000	
V	51	45	He	-0.369	ug/l	N/A	5000	
Cr	52	45	He	0.087	ug/l	135.4	20000	
Mn	55	45	He	0.058	ug/l	87.0	10000	
Fe	56	45	H2	4.594	ug/l	1.1	500000	
Co	59	45	He	-0.014	ug/l	N/A	2000	
Ni	60	45	He	0.008	ug/l	775.8	20000	
Cu	63	45	He	0.364	ug/l	45.5	20000	
Zn	66	45	He	0.572	ug/l	25.5	20000	
As	75	45	He	-0.048	ug/l	N/A	5000	
Se	78	45	H2	0.004	ug/l	1999.7	2000	
Sr	88	115	He	0.053	ug/l	101.8	5000	
Mo	95	115	He	0.012	ug/l	125.0	2000	
Ag	107	115	He	0.001	ug/l	865.3	100	
Cd	111	115	He	-0.011	ug/l	N/A	5000	
Sn	118	115	He	-0.001	ug/l	N/A	200	
Sb	121	115	He	-0.053	ug/l	N/A	200	
Ba	137	159	He	0.095	ug/l	173.2	20000	
Tl	205	209	He	-0.031	ug/l	N/A	1000	
[Pb]	206	209	He	0.191	ug/l	30.6		
[Pb]	207	209	He	0.232	ug/l	20.8		
Pb	208	209	He	0.186	ug/l	18.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3237084.98	1.2	92.0	60	125	
Sc (ISICPMS)	45	No Gas	4243689.69	0.5	87.8	60	125	
Sc (ISICPMS)	45	H2	1708160.03	2.1	84.7	60	125	
Sc (ISICPMS)	45	He	45358.77	1.7	84.3	60	125	
Ge (IS)	74	H2	314355.19	1.7	89.9	60	125	
Ge (IS)	74	He	25329.54	1.2	87.7	60	125	
Kr	83	He	43.38	26.6	86.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	79813.34	0.7	89.6	60	125	
Tb (IS)	159	He	491477.53	1.3	93.2	60	125	
Bi (IS)	209	He	437010.05	0.2	96.6	60	125	

Sample Report

File Name 020SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:05:08

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.046	ug/l	24.2	2000	
B	11	6	No Gas	0.781	ug/l	12.0	500	
Na	23	45	He	66.109	ug/l	20.8	500000	
Mg	24	45	He	4.951	ug/l	45.0	500000	
Al	27	45	He	0.229	ug/l	393.5	200000	
K	39	45	He	23.060	ug/l	98.2	500000	
Ca	40	45	H2	2.220	ug/l	18.9	500000	
Ti	47	45	He	4.200	ug/l	188.5	5000	
V	51	45	He	-0.451	ug/l	N/A	5000	
Cr	52	45	He	0.001	ug/l	5590.8	20000	
Mn	55	45	He	-0.011	ug/l	N/A	10000	
Fe	56	45	H2	3.333	ug/l	9.6	500000	
Co	59	45	He	-0.017	ug/l	N/A	2000	
Ni	60	45	He	-0.035	ug/l	N/A	20000	
Cu	63	45	He	0.212	ug/l	27.5	20000	
Zn	66	45	He	0.725	ug/l	66.6	20000	
As	75	45	He	0.012	ug/l	1466.7	5000	
Se	78	45	H2	0.019	ug/l	380.8	2000	
Sr	88	115	He	0.043	ug/l	43.6	5000	
Mo	95	115	He	0.007	ug/l	123.6	2000	
Ag	107	115	He	0.004	ug/l	202.3	100	
Cd	111	115	He	0.013	ug/l	159.1	5000	
Sn	118	115	He	-0.060	ug/l	N/A	200	
Sb	121	115	He	0.014	ug/l	178.8	200	
Ba	137	159	He	0.048	ug/l	173.2	20000	
Tl	205	209	He	-0.031	ug/l	N/A	1000	
[Pb]	206	209	He	0.139	ug/l	6.1		
[Pb]	207	209	He	0.130	ug/l	23.0		
Pb	208	209	He	0.196	ug/l	50.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3246331.30	1.5	92.3	60	125	
Sc (ISICPMS)	45	No Gas	4262449.33	2.4	88.2	60	125	
Sc (ISICPMS)	45	H2	1722029.72	2.7	85.4	60	125	
Sc (ISICPMS)	45	He	45800.27	1.2	85.1	60	125	
Ge (IS)	74	H2	315112.51	2.0	90.2	60	125	
Ge (IS)	74	He	25931.04	1.7	89.8	60	125	
Kr	83	He	36.70	63.0	73.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	80123.11	1.5	90.0	60	125	
Tb (IS)	159	He	491914.25	1.5	93.3	60	125	
Bi (IS)	209	He	437652.38	1.7	96.7	60	125	

Continuing Calibration Verification (CCV)

File Name 021_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:07:40

Sample Name **CCV 9767647**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	95.391	ug/l	3.4	100	90	110	
B	11	6	No Gas	238.562	ug/l	3.0	250	225	275	
Na	23	45	He	25365.783	ug/l	1.1	25000	22500	27500	
Mg	24	45	He	24736.043	ug/l	2.3	25000	22500	27500	
Al	27	45	He	24696.094	ug/l	2.1	25000	22500	27500	
K	39	45	He	24435.229	ug/l	1.9	25000	22500	27500	
Ca	40	45	H2	24679.461	ug/l	1.2	25000	22500	27500	
Ti	47	45	He	88.899	ug/l	5.4	100	90	110	failed
V	51	45	He	99.108	ug/l	1.1	100	90	110	
Cr	52	45	He	99.991	ug/l	1.7	100	90	110	
Mn	55	45	He	100.476	ug/l	1.5	100	90	110	
Fe	56	45	H2	24647.758	ug/l	1.9	25000	22500	27500	
Co	59	45	He	98.746	ug/l	1.9	100	90	110	
Ni	60	45	He	100.434	ug/l	1.4	100	90	110	
Cu	63	45	He	100.613	ug/l	2.4	100	90	110	
Zn	66	45	He	251.836	ug/l	4.7	250	225	275	
As	75	45	He	97.009	ug/l	0.7	100	90	110	
Se	78	45	H2	99.868	ug/l	2.6	100	90	110	
Sr	88	115	He	97.533	ug/l	1.6	100	90	110	
Mo	95	115	He	97.805	ug/l	1.8	100	90	110	
Ag	107	115	He	49.745	ug/l	1.7	50	45	55	
Cd	111	115	He	97.163	ug/l	2.7	100	90	110	
Sn	118	115	He	96.665	ug/l	1.6	100	90	110	
Sb	121	115	He	96.896	ug/l	0.4	100	90	110	
Ba	137	159	He	97.097	ug/l	2.2	100	90	110	
Tl	205	209	He	96.511	ug/l	1.6	100	90	110	
[Pb]	206	209	He	98.099	ug/l	2.0				
[Pb]	207	209	He	98.849	ug/l	1.9				
Pb	208	209	He	98.460	ug/l	2.1	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3258603.01	2.9	92.6	60	125	
Sc (ISICPMS)	45	No Gas	4367809.95	1.1	90.4	60	125	
Sc (ISICPMS)	45	H2	1762355.13	2.5	87.4	60	125	
Sc (ISICPMS)	45	He	46873.83	1.8	87.1	60	125	
Ge (IS)	74	H2	332165.50	1.0	95.0	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Ge (IS)	74	He	27261.83	5.3	94.4	60	125	
Kr	83	He	30.03	33.3	60.0			
In-1	115	He	80908.94	0.6	90.8	60	125	
Tb (IS)	159	He	496608.04	0.9	94.2	60	125	
Bi (IS)	209	He	430968.70	1.2	95.2	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 022_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:10:08

Sample Name **CCB**

Comment ---

Dilution 1.0000

Multiplier Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.054	ug/l	22.3	0.8	-0.8	0.8	
B	11	6	No Gas	3.382	ug/l	2.3	40	-40	40	
Na	23	45	He	40.587	ug/l	24.1	500	-500	500	
Mg	24	45	He	4.305	ug/l	11.4	200	-200	200	
Al	27	45	He	0.381	ug/l	414.6	40	-40	40	
K	39	45	He	29.546	ug/l	78.0	200	-200	200	
Ca	40	45	H2	0.919	ug/l	96.0	500	-500	500	
Ti	47	45	He	-0.407	ug/l	N/A	4	-4	4	
V	51	45	He	-0.174	ug/l	N/A	4	-4	4	
Cr	52	45	He	0.067	ug/l	342.3	4	-4	4	
Mn	55	45	He	-0.071	ug/l	N/A	8	-8	8	
Fe	56	45	H2	2.199	ug/l	8.1	60	-60	60	
Co	59	45	He	-0.016	ug/l	N/A	4	-4	4	
Ni	60	45	He	-0.081	ug/l	N/A	4	-4	4	
Cu	63	45	He	0.216	ug/l	9.1	4	-4	4	
Zn	66	45	He	0.239	ug/l	167.0	16	-16	16	
As	75	45	He	-0.105	ug/l	N/A	2	-2	2	
Se	78	45	H2	0.109	ug/l	86.4	2.5	-2.5	2.5	
Sr	88	115	He	0.062	ug/l	27.8	4	-4	4	
Mo	95	115	He	0.011	ug/l	128.0	4	-4	4	
Ag	107	115	He	0.005	ug/l	197.5	2	-2	2	
Cd	111	115	He	0.001	ug/l	2209.8	2	-2	2	
Sn	118	115	He	-0.065	ug/l	N/A	16	-16	16	
Sb	121	115	He	0.022	ug/l	214.9	2	-2	2	
Ba	137	159	He	0.000	ug/l	N/A	4	-4	4	
Tl	205	209	He	-0.026	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.118	ug/l	13.6				
[Pb]	207	209	He	0.130	ug/l	46.8				
Pb	208	209	He	0.123	ug/l	17.5	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3304451.65	1.2	93.9	60	125	
Sc (ISICPMS)	45	No Gas	4363766.68	1.2	90.3	60	125	
Sc (ISICPMS)	45	H2	1787864.16	1.2	88.6	60	125	
Sc (ISICPMS)	45	He	47073.49	0.6	87.5	60	125	
Ge (IS)	74	H2	323602.12	0.6	92.6	60	125	
Ge (IS)	74	He	26064.85	3.0	90.3	60	125	
Kr	83	He	40.04	90.1	80.0			
In-1	115	He	81070.81	0.5	91.0	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Tb (IS)	159	He	499097.63	1.2	94.7	60	125	
Bi (IS)	209	He	437128.87	0.2	96.6	60	125	

Sample Report

File Name 023SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:20:23

Sample Name **MB 460-838208/1-A**

Comment ---

Dilution **1.0000**

Vial # 2101

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.011	ug/l	156.6	2000	
B	11	6	No Gas	0.797	ug/l	5.0	500	
Na	23	45	He	-7.809	ug/l	N/A	500000	
Mg	24	45	He	1.837	ug/l	26.2	500000	
Al	27	45	He	0.654	ug/l	157.5	200000	
K	39	45	He	25.583	ug/l	81.1	500000	
Ca	40	45	H2	2.027	ug/l	12.1	500000	
Ti	47	45	He	-0.193	ug/l	N/A	5000	
V	51	45	He	-0.291	ug/l	N/A	5000	
Cr	52	45	He	-0.104	ug/l	N/A	20000	
Mn	55	45	He	-0.021	ug/l	N/A	10000	
Fe	56	45	H2	1.010	ug/l	13.7	500000	
Co	59	45	He	0.003	ug/l	527.9	2000	
Ni	60	45	He	0.170	ug/l	69.1	20000	
Cu	63	45	He	0.189	ug/l	12.7	20000	
Zn	66	45	He	0.375	ug/l	127.9	20000	
As	75	45	He	-0.066	ug/l	N/A	5000	
Se	78	45	H2	0.005	ug/l	1043.7	2000	
Sr	88	115	He	0.022	ug/l	141.9	5000	
Mo	95	115	He	0.022	ug/l	102.3	2000	
Ag	107	115	He	0.001	ug/l	418.8	100	
Cd	111	115	He	-0.011	ug/l	N/A	5000	
Sn	118	115	He	-0.108	ug/l	N/A	200	
Sb	121	115	He	-0.049	ug/l	N/A	200	
Ba	137	159	He	0.000	ug/l	N/A	20000	
Tl	205	209	He	-0.051	ug/l	N/A	1000	
[Pb]	206	209	He	0.038	ug/l	58.1		
[Pb]	207	209	He	0.102	ug/l	19.6		
Pb	208	209	He	0.046	ug/l	24.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3086783.57	1.6	87.7	60	125	
Sc (ISICPMS)	45	No Gas	4087603.61	0.4	84.6	60	125	
Sc (ISICPMS)	45	H2	1678914.61	1.8	83.2	60	125	
Sc (ISICPMS)	45	He	45502.67	1.1	84.6	60	125	
Ge (IS)	74	H2	311449.41	0.7	89.1	60	125	
Ge (IS)	74	He	25232.51	3.5	87.4	60	125	
Kr	83	He	30.03	88.2	60.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	78613.84	0.8	88.3	60	125	
Tb (IS)	159	He	491177.82	0.7	93.2	60	125	
Bi (IS)	209	He	433208.05	0.4	95.7	60	125	

Sample Report

File Name 024SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:22:57

Sample Name **LCSSRM 460-838208/2-A@5**

Comment ---

Dilution **1.0000**

Vial # 2102

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	322.825	ug/l	2.4	2000	
B	11	6	No Gas	154.599	ug/l	1.9	500	
Na	23	45	He	233.104	ug/l	4.1	500000	
Mg	24	45	He	4539.218	ug/l	0.9	500000	
Al	27	45	He	15829.762	ug/l	0.4	200000	
K	39	45	He	3875.140	ug/l	0.4	500000	
Ca	40	45	H2	9389.848	ug/l	0.5	500000	
Ti	47	45	He	841.882	ug/l	2.4	5000	
V	51	45	He	371.447	ug/l	1.5	5000	
Cr	52	45	He	242.615	ug/l	1.7	20000	
Mn	55	45	He	1060.124	ug/l	1.7	10000	
Fe	56	45	H2	27817.336	ug/l	1.0	500000	
Co	59	45	He	125.644	ug/l	1.5	2000	
Ni	60	45	He	283.039	ug/l	2.6	20000	
Cu	63	45	He	123.136	ug/l	2.1	20000	
Zn	66	45	He	600.415	ug/l	1.2	20000	
As	75	45	He	168.102	ug/l	0.7	5000	
Se	78	45	H2	245.521	ug/l	4.2	2000	
Sr	88	115	He	164.895	ug/l	1.9	5000	
Mo	95	115	He	141.938	ug/l	0.2	2000	
Ag	107	115	He	87.825	ug/l	0.9	100	
Cd	111	115	He	198.692	ug/l	1.0	5000	
Sn	118	115	He	157.970	ug/l	0.3	200	
Sb	121	115	He	187.698	ug/l	3.2	200	
Ba	137	159	He	484.453	ug/l	2.6	20000	
Tl	205	209	He	289.726	ug/l	1.5	1000	
[Pb]	206	209	He	250.770	ug/l	0.3		
[Pb]	207	209	He	242.134	ug/l	0.6		
Pb	208	209	He	246.652	ug/l	0.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3145791.86	1.2	89.4	60	125	
Sc (ISICPMS)	45	No Gas	4303831.81	1.7	89.1	60	125	
Sc (ISICPMS)	45	H2	1727171.71	1.9	85.6	60	125	
Sc (ISICPMS)	45	He	46575.27	0.4	86.6	60	125	
Ge (IS)	74	H2	333808.92	1.8	95.5	60	125	
Ge (IS)	74	He	26867.15	1.8	93.1	60	125	
Kr	83	He	113.46	53.9	226.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	80694.06	0.7	90.6	60	125	
Tb (IS)	159	He	501926.26	0.4	95.2	60	125	
Bi (IS)	209	He	433850.00	1.2	95.9	60	125	

Sample Report

File Name 025SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:25:23

Sample Name **MB 460-838210/1-A**

Comment ---

Dilution **1.0000**

Vial # 2401

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.040	ug/l	31.7	2000	
B	11	6	No Gas	2.331	ug/l	2.3	500	
Na	23	45	He	-12.629	ug/l	N/A	500000	
Mg	24	45	He	1.681	ug/l	19.6	500000	
Al	27	45	He	0.746	ug/l	144.0	200000	
K	39	45	He	9.600	ug/l	180.4	500000	
Ca	40	45	H2	0.575	ug/l	47.0	500000	
Ti	47	45	He	-0.003	ug/l	N/A	5000	
V	51	45	He	-0.454	ug/l	N/A	5000	
Cr	52	45	He	0.111	ug/l	74.3	20000	
Mn	55	45	He	-0.008	ug/l	N/A	10000	
Fe	56	45	H2	0.584	ug/l	50.5	500000	
Co	59	45	He	-0.005	ug/l	N/A	2000	
Ni	60	45	He	0.100	ug/l	65.0	20000	
Cu	63	45	He	0.119	ug/l	41.2	20000	
Zn	66	45	He	0.686	ug/l	91.8	20000	
As	75	45	He	-0.073	ug/l	N/A	5000	
Se	78	45	H2	0.064	ug/l	148.6	2000	
Sr	88	115	He	0.072	ug/l	24.3	5000	
Mo	95	115	He	0.011	ug/l	128.1	2000	
Ag	107	115	He	-0.001	ug/l	N/A	100	
Cd	111	115	He	0.001	ug/l	2218.3	5000	
Sn	118	115	He	-0.149	ug/l	N/A	200	
Sb	121	115	He	0.049	ug/l	116.4	200	
Ba	137	159	He	0.047	ug/l	173.2	20000	
Tl	205	209	He	-0.005	ug/l	N/A	1000	
[Pb]	206	209	He	0.074	ug/l	13.1		
[Pb]	207	209	He	0.087	ug/l	44.7		
Pb	208	209	He	0.055	ug/l	32.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3242178.77	1.3	92.2	60	125	
Sc (ISICPMS)	45	No Gas	4370543.46	2.1	90.5	60	125	
Sc (ISICPMS)	45	H2	1760304.04	1.0	87.3	60	125	
Sc (ISICPMS)	45	He	47208.37	1.5	87.7	60	125	
Ge (IS)	74	H2	322296.83	1.5	92.2	60	125	
Ge (IS)	74	He	25486.50	0.1	88.3	60	125	
Kr	83	He	30.03	100.0	60.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	81663.76	0.5	91.7	60	125	
Tb (IS)	159	He	503803.46	1.1	95.6	60	125	
Bi (IS)	209	He	442125.15	0.3	97.7	60	125	

Sample Report

File Name 026SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:27:52

Sample Name **LCSSRM 460-838210/2-A@5**

Comment ---

Dilution **1.0000**

Vial # 2402

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	338.929	ug/l	1.9	2000	
B	11	6	No Gas	164.118	ug/l	1.4	500	
Na	23	45	He	264.113	ug/l	2.1	500000	
Mg	24	45	He	4808.905	ug/l	1.4	500000	
Al	27	45	He	17087.254	ug/l	1.9	200000	
K	39	45	He	4087.869	ug/l	2.3	500000	
Ca	40	45	H2	9550.520	ug/l	2.0	500000	
Ti	47	45	He	908.956	ug/l	0.8	5000	
V	51	45	He	380.547	ug/l	0.3	5000	
Cr	52	45	He	248.524	ug/l	0.1	20000	
Mn	55	45	He	944.658	ug/l	2.0	10000	
Fe	56	45	H2	28711.807	ug/l	3.3	500000	
Co	59	45	He	126.332	ug/l	1.9	2000	
Ni	60	45	He	285.291	ug/l	2.7	20000	
Cu	63	45	He	124.119	ug/l	0.8	20000	
Zn	66	45	He	617.057	ug/l	2.2	20000	
As	75	45	He	172.299	ug/l	0.8	5000	
Se	78	45	H2	247.899	ug/l	4.0	2000	
Sr	88	115	He	191.777	ug/l	0.9	5000	
Mo	95	115	He	148.086	ug/l	1.1	2000	
Ag	107	115	He	89.758	ug/l	2.1	100	
Cd	111	115	He	207.533	ug/l	1.2	5000	
Sn	118	115	He	165.933	ug/l	3.5	200	
Sb	121	115	He	204.251	ug/l	3.2	200	>LDR 6020B
Ba	137	159	He	513.217	ug/l	2.4	20000	
Tl	205	209	He	294.860	ug/l	1.6	1000	
[Pb]	206	209	He	254.599	ug/l	1.2		
[Pb]	207	209	He	244.620	ug/l	1.1		
Pb	208	209	He	250.082	ug/l	0.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3226376.51	1.0	91.7	60	125	
Sc (ISICPMS)	45	No Gas	4388200.39	0.4	90.8	60	125	
Sc (ISICPMS)	45	H2	1794799.02	0.8	89.0	60	125	
Sc (ISICPMS)	45	He	48080.30	1.5	89.4	60	125	
Ge (IS)	74	H2	348232.28	0.2	99.6	60	125	
Ge (IS)	74	He	27810.03	2.0	96.3	60	125	
Kr	83	He	66.73	70.9	133.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	80993.96	1.6	90.9	60	125	
Tb (IS)	159	He	504172.07	0.6	95.6	60	125	
Bi (IS)	209	He	442089.90	0.6	97.7	60	125	

Sample Report

File Name 027SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:30:19

Sample Name **MB 460-838257/1-A**

Comment ---

Dilution **1.0000**

Vial # 4401

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.068	ug/l	30.0	2000	
B	11	6	No Gas	3.238	ug/l	8.1	500	
Na	23	45	He	-18.941	ug/l	N/A	500000	
Mg	24	45	He	1.743	ug/l	23.2	500000	
Al	27	45	He	0.311	ug/l	457.9	200000	
K	39	45	He	7.362	ug/l	193.9	500000	
Ca	40	45	H2	2.544	ug/l	19.0	500000	
Ti	47	45	He	0.257	ug/l	90.5	5000	
V	51	45	He	-0.319	ug/l	N/A	5000	
Cr	52	45	He	0.306	ug/l	121.7	20000	
Mn	55	45	He	-0.032	ug/l	N/A	10000	
Fe	56	45	H2	1.308	ug/l	20.3	500000	
Co	59	45	He	-0.006	ug/l	N/A	2000	
Ni	60	45	He	0.065	ug/l	220.1	20000	
Cu	63	45	He	0.111	ug/l	43.9	20000	
Zn	66	45	He	0.359	ug/l	126.3	20000	
As	75	45	He	-0.076	ug/l	N/A	5000	
Se	78	45	H2	4.897	ug/l	141.5	2000	
Sr	88	115	He	0.062	ug/l	102.6	5000	
Mo	95	115	He	-0.003	ug/l	N/A	2000	
Ag	107	115	He	0.005	ug/l	101.8	100	
Cd	111	115	He	0.059	ug/l	204.6	5000	
Sn	118	115	He	0.056	ug/l	127.0	200	
Sb	121	115	He	0.050	ug/l	94.5	200	
Ba	137	159	He	0.141	ug/l	99.7	20000	
Tl	205	209	He	0.008	ug/l	175.9	1000	
[Pb]	206	209	He	0.055	ug/l	90.2		
[Pb]	207	209	He	0.080	ug/l	76.4		
Pb	208	209	He	0.051	ug/l	12.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3232767.63	1.3	91.9	60	125	
Sc (ISICPMS)	45	No Gas	4378182.30	0.9	90.6	60	125	
Sc (ISICPMS)	45	H2	1809134.87	1.0	89.7	60	125	
Sc (ISICPMS)	45	He	47961.99	0.3	89.1	60	125	
Ge (IS)	74	H2	333683.14	0.8	95.5	60	125	
Ge (IS)	74	He	26205.33	1.3	90.8	60	125	
Kr	83	He	33.37	34.6	66.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	82375.21	1.0	92.5	60	125	
Tb (IS)	159	He	500869.92	0.7	95.0	60	125	
Bi (IS)	209	He	443595.06	1.1	98.0	60	125	

Sample Report

File Name 028SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:32:49

Sample Name **LCS 460-838257/2-A**

Comment ---

Dilution **1.0000**

Vial # 4402

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	24.853	ug/l	2.2	2000	
B	11	6	No Gas	500.184	ug/l	2.2	500	>LDR 6020B
Na	23	45	He	2573.444	ug/l	1.4	500000	
Mg	24	45	He	2572.701	ug/l	1.5	500000	
Al	27	45	He	2620.690	ug/l	2.1	200000	
K	39	45	He	2523.644	ug/l	2.0	500000	
Ca	40	45	H2	2616.640	ug/l	0.7	500000	
Ti	47	45	He	51.339	ug/l	12.6	5000	
V	51	45	He	52.189	ug/l	0.4	5000	
Cr	52	45	He	51.687	ug/l	0.4	20000	
Mn	55	45	He	260.841	ug/l	0.9	10000	
Fe	56	45	H2	2591.360	ug/l	2.3	500000	
Co	59	45	He	25.926	ug/l	1.8	2000	
Ni	60	45	He	53.860	ug/l	1.6	20000	
Cu	63	45	He	52.796	ug/l	1.9	20000	
Zn	66	45	He	261.077	ug/l	1.7	20000	
As	75	45	He	50.690	ug/l	4.5	5000	
Se	78	45	H2	51.619	ug/l	6.3	2000	
Sr	88	115	He	50.261	ug/l	1.8	5000	
Mo	95	115	He	50.909	ug/l	0.8	2000	
Ag	107	115	He	25.565	ug/l	0.3	100	
Cd	111	115	He	26.187	ug/l	4.1	5000	
Sn	118	115	He	50.844	ug/l	0.8	200	
Sb	121	115	He	26.752	ug/l	2.2	200	
Ba	137	159	He	49.598	ug/l	7.5	20000	
Tl	205	209	He	19.896	ug/l	2.2	1000	
[Pb]	206	209	He	25.459	ug/l	1.1		
[Pb]	207	209	He	25.744	ug/l	2.8		
Pb	208	209	He	25.658	ug/l	0.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3282917.73	1.7	93.3	60	125	
Sc (ISICPMS)	45	No Gas	4421710.04	2.8	91.5	60	125	
Sc (ISICPMS)	45	H2	1786616.33	0.4	88.6	60	125	
Sc (ISICPMS)	45	He	47489.38	1.3	88.3	60	125	
Ge (IS)	74	H2	334733.19	1.2	95.8	60	125	
Ge (IS)	74	He	26409.21	2.0	91.5	60	125	
Kr	83	He	100.11	87.2	200.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	81736.07	1.3	91.8	60	125	
Tb (IS)	159	He	497564.02	0.6	94.4	60	125	
Bi (IS)	209	He	441165.33	0.8	97.5	60	125	

Sample Report

File Name 029SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:35:15

Sample Name **460-255026-A-1-V**

Comment ---

Dilution **1.0000**

Vial # 2108

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	4.841	ug/l	2.2	2000	
B	11	6	No Gas	41.192	ug/l	2.2	500	
Na	23	45	He	6296.201	ug/l	0.8	500000	
Mg	24	45	He	114651.501	ug/l	1.9	500000	
Al	27	45	He	28236.974	ug/l	0.6	200000	
K	39	45	He	5338.028	ug/l	0.9	500000	
Ca	40	45	H2	334225.113	ug/l	2.3	500000	
Ti	47	45	He	645.395	ug/l	1.4	5000	
V	51	45	He	310.663	ug/l	2.7	5000	
Cr	52	45	He	139.966	ug/l	0.1	20000	
Mn	55	45	He	10296.624	ug/l	3.2	10000	>LDR 6020B□>LDR 200.8
Fe	56	45	H2	129604.697	ug/l	3.2	500000	
Co	59	45	He	45.640	ug/l	3.1	2000	
Ni	60	45	He	149.737	ug/l	2.1	20000	
Cu	63	45	He	394.481	ug/l	0.8	20000	
Zn	66	45	He	768.962	ug/l	1.2	20000	
As	75	45	He	26.104	ug/l	2.5	5000	
Se	78	45	H2	1.082	ug/l	9.9	2000	
Sr	88	115	He	1955.126	ug/l	0.9	5000	
Mo	95	115	He	12.803	ug/l	6.2	2000	
Ag	107	115	He	0.666	ug/l	5.7	100	
Cd	111	115	He	3.505	ug/l	16.0	5000	
Sn	118	115	He	17.172	ug/l	3.4	200	
Sb	121	115	He	5.913	ug/l	1.0	200	
Ba	137	159	He	277.335	ug/l	0.6	20000	
Tl	205	209	He	0.300	ug/l	8.8	1000	
[Pb]	206	209	He	140.217	ug/l	0.2		
[Pb]	207	209	He	137.161	ug/l	1.0		
Pb	208	209	He	137.515	ug/l	1.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3186451.06	0.8	90.6	60	125	
Sc (ISICPMS)	45	No Gas	4545582.97	3.9	94.1	60	125	
Sc (ISICPMS)	45	H2	1829229.44	1.6	90.7	60	125	
Sc (ISICPMS)	45	He	48946.61	1.0	91.0	60	125	
Ge (IS)	74	H2	324713.30	1.4	92.9	60	125	
Ge (IS)	74	He	26402.56	1.6	91.5	60	125	
Kr	83	He	36.70	15.7	73.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	76982.87	0.4	86.4	60	125	
Tb (IS)	159	He	494888.91	0.5	93.9	60	125	
Bi (IS)	209	He	421781.10	1.2	93.2	60	125	

Sample Report

File Name 030SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:40:02

Sample Name **460-255026-A-2-U@2**

Comment ---

Dilution **1.0000**

Vial # 2109

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	2.055	ug/l	2.3	2000	
B	11	6	No Gas	122.142	ug/l	5.2	500	
Na	23	45	He	7054.380	ug/l	1.9	500000	
Mg	24	45	He	17851.862	ug/l	1.9	500000	
Al	27	45	He	36647.267	ug/l	1.9	200000	
K	39	45	He	4041.139	ug/l	0.8	500000	
Ca	40	45	H2	37839.244	ug/l	1.4	500000	
Ti	47	45	He	778.789	ug/l	2.5	5000	
V	51	45	He	151.515	ug/l	1.2	5000	
Cr	52	45	He	120.327	ug/l	2.1	20000	
Mn	55	45	He	1597.559	ug/l	0.4	10000	
Fe	56	45	H2	97189.186	ug/l	0.4	500000	
Co	59	45	He	35.645	ug/l	0.6	2000	
Ni	60	45	He	126.101	ug/l	2.4	20000	
Cu	63	45	He	432.934	ug/l	1.3	20000	
Zn	66	45	He	814.822	ug/l	1.6	20000	
As	75	45	He	93.946	ug/l	1.2	5000	
Se	78	45	H2	0.497	ug/l	12.2	2000	
Sr	88	115	He	145.300	ug/l	1.8	5000	
Mo	95	115	He	10.511	ug/l	2.1	2000	
Ag	107	115	He	0.716	ug/l	6.2	100	
Cd	111	115	He	1.641	ug/l	6.3	5000	
Sn	118	115	He	32.812	ug/l	2.7	200	
Sb	121	115	He	4.094	ug/l	5.5	200	
Ba	137	159	He	203.962	ug/l	2.3	20000	
Tl	205	209	He	0.708	ug/l	2.4	1000	
[Pb]	206	209	He	131.851	ug/l	2.0		
[Pb]	207	209	He	130.649	ug/l	1.9		
Pb	208	209	He	131.951	ug/l	1.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3193852.31	2.8	90.8	60	125	
Sc (ISICPMS)	45	No Gas	4234593.82	0.6	87.7	60	125	
Sc (ISICPMS)	45	H2	1727759.75	1.0	85.7	60	125	
Sc (ISICPMS)	45	He	45899.46	1.2	85.3	60	125	
Ge (IS)	74	H2	339631.51	2.1	97.2	60	125	
Ge (IS)	74	He	26596.34	1.8	92.1	60	125	
Kr	83	He	30.03	66.7	60.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	78570.96	0.8	88.2	60	125	
Tb (IS)	159	He	491560.16	0.3	93.2	60	125	
Bi (IS)	209	He	427358.32	1.1	94.4	60	125	

Sample Report

File Name 031SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:42:25

Sample Name **460-255026-A-3-U@2**

Comment ---

Dilution **1.0000**

Vial # 2110

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	2.200	ug/l	10.9	2000	
B	11	6	No Gas	193.488	ug/l	2.1	500	
Na	23	45	He	30562.021	ug/l	0.8	500000	
Mg	24	45	He	21376.212	ug/l	1.0	500000	
Al	27	45	He	95141.816	ug/l	1.1	200000	
K	39	45	He	10943.005	ug/l	0.2	500000	
Ca	40	45	H2	185820.496	ug/l	1.7	500000	
Ti	47	45	He	3369.042	ug/l	0.5	5000	
V	51	45	He	157.022	ug/l	1.3	5000	
Cr	52	45	He	197.334	ug/l	0.2	20000	
Mn	55	45	He	978.206	ug/l	1.6	10000	
Fe	56	45	H2	59909.849	ug/l	1.4	500000	
Co	59	45	He	44.890	ug/l	1.8	2000	
Ni	60	45	He	170.783	ug/l	0.6	20000	
Cu	63	45	He	5017.554	ug/l	1.5	20000	
Zn	66	45	He	4170.317	ug/l	1.2	20000	
As	75	45	He	11.385	ug/l	7.2	5000	
Se	78	45	H2	0.594	ug/l	18.7	2000	
Sr	88	115	He	509.844	ug/l	0.8	5000	
Mo	95	115	He	17.233	ug/l	1.9	2000	
Ag	107	115	He	4.881	ug/l	4.4	100	
Cd	111	115	He	14.359	ug/l	2.6	5000	
Sn	118	115	He	94.790	ug/l	2.4	200	
Sb	121	115	He	30.740	ug/l	1.9	200	
Ba	137	159	He	1290.175	ug/l	1.2	20000	
Tl	205	209	He	0.286	ug/l	8.3	1000	
[Pb]	206	209	He	641.001	ug/l	0.9		
[Pb]	207	209	He	634.653	ug/l	0.5		
Pb	208	209	He	634.329	ug/l	1.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3097609.02	2.5	88.0	60	125	
Sc (ISICPMS)	45	No Gas	4191547.34	0.7	86.8	60	125	
Sc (ISICPMS)	45	H2	1683138.66	1.7	83.4	60	125	
Sc (ISICPMS)	45	He	45245.09	1.1	84.1	60	125	
Ge (IS)	74	H2	338108.02	0.6	96.7	60	125	
Ge (IS)	74	He	26944.10	0.7	93.3	60	125	
Kr	83	He	60.06	0.0	120.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	77275.67	1.0	86.8	60	125	
Tb (IS)	159	He	485208.15	1.1	92.0	60	125	
Bi (IS)	209	He	424611.81	0.3	93.8	60	125	

Sample Report

File Name 032SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:44:45

Sample Name **460-255026-A-4-U@2**

Comment ---

Dilution **1.0000**

Vial # 2111

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	1.500	ug/l	3.7	2000	
B	11	6	No Gas	291.744	ug/l	1.3	500	
Na	23	45	He	15064.493	ug/l	2.5	500000	
Mg	24	45	He	54269.893	ug/l	2.3	500000	
Al	27	45	He	65147.472	ug/l	1.5	200000	
K	39	45	He	8886.723	ug/l	1.1	500000	
Ca	40	45	H2	169893.570	ug/l	0.7	500000	
Ti	47	45	He	3947.021	ug/l	1.0	5000	
V	51	45	He	176.419	ug/l	1.1	5000	
Cr	52	45	He	272.109	ug/l	1.1	20000	
Mn	55	45	He	1331.868	ug/l	1.8	10000	
Fe	56	45	H2	69029.555	ug/l	0.9	500000	
Co	59	45	He	57.258	ug/l	1.7	2000	
Ni	60	45	He	189.651	ug/l	0.2	20000	
Cu	63	45	He	2800.005	ug/l	0.3	20000	
Zn	66	45	He	1501.211	ug/l	1.2	20000	
As	75	45	He	7.819	ug/l	7.6	5000	
Se	78	45	H2	1.115	ug/l	27.4	2000	
Sr	88	115	He	1037.695	ug/l	4.3	5000	
Mo	95	115	He	10.966	ug/l	2.3	2000	
Ag	107	115	He	3.748	ug/l	53.2	100	
Cd	111	115	He	5.688	ug/l	7.7	5000	
Sn	118	115	He	32.169	ug/l	3.2	200	
Sb	121	115	He	9.757	ug/l	5.4	200	
Ba	137	159	He	5166.131	ug/l	0.7	20000	
Tl	205	209	He	0.312	ug/l	3.1	1000	
[Pb]	206	209	He	243.117	ug/l	2.4		
[Pb]	207	209	He	238.676	ug/l	1.8		
Pb	208	209	He	239.256	ug/l	1.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3178704.12	1.3	90.3	60	125	
Sc (ISICPMS)	45	No Gas	4318708.55	2.1	89.4	60	125	
Sc (ISICPMS)	45	H2	1751949.26	0.3	86.8	60	125	
Sc (ISICPMS)	45	He	46368.86	1.2	86.2	60	125	
Ge (IS)	74	H2	337701.06	1.1	96.6	60	125	
Ge (IS)	74	He	27759.87	2.6	96.2	60	125	
Kr	83	He	36.70	150.2	73.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	77769.66	2.2	87.3	60	125	
Tb (IS)	159	He	488931.72	1.1	92.7	60	125	
Bi (IS)	209	He	426600.32	2.0	94.3	60	125	

Continuing Calibration Verification (CCV)

File Name 033_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:47:13

Sample Name **CCV 9767647**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	95.612	ug/l	3.4	100	90	110	
B	11	6	No Gas	244.452	ug/l	2.7	250	225	275	
Na	23	45	He	24636.034	ug/l	2.5	25000	22500	27500	
Mg	24	45	He	24586.916	ug/l	2.1	25000	22500	27500	
Al	27	45	He	24706.137	ug/l	2.8	25000	22500	27500	
K	39	45	He	24401.740	ug/l	2.2	25000	22500	27500	
Ca	40	45	H2	24017.469	ug/l	0.8	25000	22500	27500	
Ti	47	45	He	84.164	ug/l	6.8	100	90	110	failed
V	51	45	He	98.592	ug/l	3.0	100	90	110	
Cr	52	45	He	97.197	ug/l	3.7	100	90	110	
Mn	55	45	He	98.277	ug/l	1.5	100	90	110	
Fe	56	45	H2	24197.602	ug/l	0.6	25000	22500	27500	
Co	59	45	He	97.495	ug/l	3.2	100	90	110	
Ni	60	45	He	99.714	ug/l	5.2	100	90	110	
Cu	63	45	He	98.745	ug/l	3.4	100	90	110	
Zn	66	45	He	251.004	ug/l	3.3	250	225	275	
As	75	45	He	97.495	ug/l	3.6	100	90	110	
Se	78	45	H2	94.659	ug/l	2.2	100	90	110	
Sr	88	115	He	95.794	ug/l	2.6	100	90	110	
Mo	95	115	He	96.821	ug/l	2.0	100	90	110	
Ag	107	115	He	50.287	ug/l	2.0	50	45	55	
Cd	111	115	He	98.580	ug/l	3.5	100	90	110	
Sn	118	115	He	97.877	ug/l	2.6	100	90	110	
Sb	121	115	He	96.993	ug/l	2.0	100	90	110	
Ba	137	159	He	90.632	ug/l	2.3	100	90	110	
Tl	205	209	He	95.292	ug/l	2.1	100	90	110	
[Pb]	206	209	He	96.978	ug/l	0.6				
[Pb]	207	209	He	97.823	ug/l	3.0				
Pb	208	209	He	97.264	ug/l	1.8	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3230582.31	0.2	91.8	60	125	
Sc (ISICPMS)	45	No Gas	4369815.02	1.5	90.5	60	125	
Sc (ISICPMS)	45	H2	1725048.91	2.6	85.5	60	125	
Sc (ISICPMS)	45	He	46270.79	2.6	86.0	60	125	
Ge (IS)	74	H2	333400.41	1.0	95.4	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Ge (IS)	74	He	26603.04	2.3	92.1	60	125	
Kr	83	He	30.03	88.2	60.0			
In-1	115	He	79077.17	1.4	88.8	60	125	
Tb (IS)	159	He	494709.80	0.5	93.8	60	125	
Bi (IS)	209	He	430093.55	1.1	95.0	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 034_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:49:40

Sample Name **CCB**

Comment ---

Dilution 1.0000

Multiplier Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.012	ug/l	48.0	0.8	-0.8	0.8	
B	11	6	No Gas	5.840	ug/l	3.3	40	-40	40	
Na	23	45	He	-18.266	ug/l	N/A	500	-500	500	
Mg	24	45	He	0.983	ug/l	71.5	200	-200	200	
Al	27	45	He	0.178	ug/l	226.0	40	-40	40	
K	39	45	He	3.411	ug/l	561.0	200	-200	200	
Ca	40	45	H2	2.365	ug/l	20.4	500	-500	500	
Ti	47	45	He	-0.338	ug/l	N/A	4	-4	4	
V	51	45	He	-0.286	ug/l	N/A	4	-4	4	
Cr	52	45	He	0.038	ug/l	562.6	4	-4	4	
Mn	55	45	He	0.072	ug/l	295.6	8	-8	8	
Fe	56	45	H2	1.762	ug/l	5.7	60	-60	60	
Co	59	45	He	0.124	ug/l	162.5	4	-4	4	
Ni	60	45	He	-0.037	ug/l	N/A	4	-4	4	
Cu	63	45	He	0.173	ug/l	22.6	4	-4	4	
Zn	66	45	He	0.463	ug/l	74.9	16	-16	16	
As	75	45	He	0.008	ug/l	3840.9	2	-2	2	
Se	78	45	H2	0.051	ug/l	298.0	2.5	-2.5	2.5	
Sr	88	115	He	0.001	ug/l	1631.9	4	-4	4	
Mo	95	115	He	0.017	ug/l	283.4	4	-4	4	
Ag	107	115	He	0.004	ug/l	121.1	2	-2	2	
Cd	111	115	He	-0.011	ug/l	N/A	2	-2	2	
Sn	118	115	He	0.025	ug/l	705.1	16	-16	16	
Sb	121	115	He	0.134	ug/l	167.4	2	-2	2	
Ba	137	159	He	0.000	ug/l	N/A	4	-4	4	
Tl	205	209	He	-0.048	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.042	ug/l	77.5				
[Pb]	207	209	He	0.005	ug/l	889.9				
Pb	208	209	He	0.017	ug/l	62.0	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3318972.38	1.9	94.3	60	125	
Sc (ISICPMS)	45	No Gas	4399729.00	0.6	91.1	60	125	
Sc (ISICPMS)	45	H2	1723306.26	1.0	85.4	60	125	
Sc (ISICPMS)	45	He	46393.42	1.4	86.2	60	125	
Ge (IS)	74	H2	318079.94	1.0	91.0	60	125	
Ge (IS)	74	He	25723.77	0.5	89.1	60	125	
Kr	83	He	33.37	34.6	66.7			
In-1	115	He	80012.95	1.0	89.8	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Tb (IS)	159	He	494117.16	1.6	93.7	60	125	
Bi (IS)	209	He	433758.15	1.1	95.9	60	125	

Sample Report

File Name 035SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:52:08

Sample Name **pds 460-255499-G-3-B**

Comment ---

Dilution **1.0000**

Vial # 4403

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	27.607	ug/l	1.6	2000	
B	11	6	No Gas	628.634	ug/l	1.3	500	>LDR 6020B
Na	23	45	He	331244.391	ug/l	2.0	500000	
Mg	24	45	He	16143.851	ug/l	1.7	500000	
Al	27	45	He	2802.972	ug/l	1.1	200000	
K	39	45	He	6123.252	ug/l	1.4	500000	
Ca	40	45	H2	212312.238	ug/l	2.7	500000	
Ti	47	45	He	48.475	ug/l	3.8	5000	
V	51	45	He	58.030	ug/l	1.1	5000	
Cr	52	45	He	58.384	ug/l	2.5	20000	
Mn	55	45	He	11386.919	ug/l	2.0	10000	>LDR 6020B□>LDR 200.8
Fe	56	45	H2	2829.818	ug/l	2.7	500000	
Co	59	45	He	27.750	ug/l	0.8	2000	
Ni	60	45	He	57.622	ug/l	2.8	20000	
Cu	63	45	He	56.574	ug/l	1.7	20000	
Zn	66	45	He	286.130	ug/l	1.9	20000	
As	75	45	He	57.752	ug/l	1.3	5000	
Se	78	45	H2	55.956	ug/l	6.4	2000	
Sr	88	115	He	426.877	ug/l	1.5	5000	
Mo	95	115	He	56.971	ug/l	1.5	2000	
Ag	107	115	He	24.709	ug/l	1.2	100	
Cd	111	115	He	29.896	ug/l	1.2	5000	
Sn	118	115	He	59.684	ug/l	1.2	200	
Sb	121	115	He	29.956	ug/l	1.3	200	
Ba	137	159	He	1880.113	ug/l	0.9	20000	
Tl	205	209	He	22.474	ug/l	1.0	1000	
[Pb]	206	209	He	28.909	ug/l	2.3		
[Pb]	207	209	He	29.361	ug/l	1.0		
Pb	208	209	He	29.166	ug/l	0.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3120195.68	2.9	88.7	60	125	
Sc (ISICPMS)	45	No Gas	4209451.64	3.4	87.1	60	125	
Sc (ISICPMS)	45	H2	1730556.66	3.3	85.8	60	125	
Sc (ISICPMS)	45	He	45443.48	1.4	84.5	60	125	
Ge (IS)	74	H2	332902.66	0.4	95.3	60	125	
Ge (IS)	74	He	26920.63	1.9	93.2	60	125	
Kr	83	He	16.68	91.7	33.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	77393.01	0.2	86.9	60	125	
Tb (IS)	159	He	488382.82	0.4	92.6	60	125	
Bi (IS)	209	He	416570.74	1.0	92.1	60	125	

Sample Report

File Name 036SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:54:39

Sample Name **460-255499-G-3-D MS**

Comment ---

Dilution **1.0000**

Vial # 4404

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	27.525	ug/l	1.7	2000	
B	11	6	No Gas	630.734	ug/l	1.7	500	>LDR 6020B
Na	23	45	He	338478.714	ug/l	1.4	500000	
Mg	24	45	He	16502.288	ug/l	0.7	500000	
Al	27	45	He	2738.242	ug/l	1.8	200000	
K	39	45	He	6091.225	ug/l	0.8	500000	
Ca	40	45	H2	218803.836	ug/l	2.4	500000	
Ti	47	45	He	52.436	ug/l	0.6	5000	
V	51	45	He	57.526	ug/l	2.7	5000	
Cr	52	45	He	57.697	ug/l	2.2	20000	
Mn	55	45	He	11789.422	ug/l	2.6	10000	>LDR 6020B□>LDR 200.8
Fe	56	45	H2	2800.579	ug/l	2.2	500000	
Co	59	45	He	27.293	ug/l	1.4	2000	
Ni	60	45	He	56.362	ug/l	2.4	20000	
Cu	63	45	He	55.613	ug/l	3.0	20000	
Zn	66	45	He	280.825	ug/l	1.3	20000	
As	75	45	He	57.942	ug/l	0.9	5000	
Se	78	45	H2	23.700	ug/l	4.6	2000	
Sr	88	115	He	447.287	ug/l	0.8	5000	
Mo	95	115	He	57.202	ug/l	2.2	2000	
Ag	107	115	He	27.460	ug/l	1.8	100	
Cd	111	115	He	27.626	ug/l	3.0	5000	
Sn	118	115	He	57.635	ug/l	3.5	200	
Sb	121	115	He	30.558	ug/l	1.8	200	
Ba	137	159	He	1950.069	ug/l	0.2	20000	
Tl	205	209	He	22.121	ug/l	2.1	1000	
[Pb]	206	209	He	28.229	ug/l	0.9		
[Pb]	207	209	He	28.458	ug/l	2.8		
Pb	208	209	He	28.450	ug/l	1.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3147163.60	2.1	89.5	60	125	
Sc (ISICPMS)	45	No Gas	4292657.40	2.0	88.9	60	125	
Sc (ISICPMS)	45	H2	1735634.09	0.9	86.0	60	125	
Sc (ISICPMS)	45	He	45588.52	1.2	84.7	60	125	
Ge (IS)	74	H2	334846.44	1.5	95.8	60	125	
Ge (IS)	74	He	26900.64	1.0	93.2	60	125	
Kr	83	He	40.04	25.0	80.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	77251.86	0.4	86.7	60	125	
Tb (IS)	159	He	488703.98	0.9	92.7	60	125	
Bi (IS)	209	He	419156.56	1.3	92.6	60	125	

Sample Report

File Name 037SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:57:06

Sample Name **460-255499-G-3-C DU**

Comment ---

Dilution **1.0000**

Vial # 4405

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.025	ug/l	158.0	2000	
B	11	6	No Gas	95.454	ug/l	3.7	500	
Na	23	45	He	328078.781	ug/l	0.6	500000	
Mg	24	45	He	13419.411	ug/l	1.0	500000	
Al	27	45	He	6.727	ug/l	11.8	200000	
K	39	45	He	3384.674	ug/l	1.1	500000	
Ca	40	45	H2	213188.130	ug/l	1.5	500000	
Ti	47	45	He	0.845	ug/l	102.7	5000	
V	51	45	He	0.365	ug/l	84.3	5000	
Cr	52	45	He	1.853	ug/l	6.7	20000	
Mn	55	45	He	11234.218	ug/l	0.8	10000	>LDR 6020B□>LDR 200.8
Fe	56	45	H2	50.045	ug/l	3.0	500000	
Co	59	45	He	0.102	ug/l	34.9	2000	
Ni	60	45	He	1.270	ug/l	3.9	20000	
Cu	63	45	He	0.097	ug/l	53.4	20000	
Zn	66	45	He	1.895	ug/l	52.1	20000	
As	75	45	He	0.465	ug/l	18.1	5000	
Se	78	45	H2	0.896	ug/l	19.6	2000	
Sr	88	115	He	384.077	ug/l	0.8	5000	
Mo	95	115	He	0.539	ug/l	44.1	2000	
Ag	107	115	He	0.000	ug/l	N/A	100	
Cd	111	115	He	0.014	ug/l	304.8	5000	
Sn	118	115	He	-0.054	ug/l	N/A	200	
Sb	121	115	He	0.003	ug/l	953.0	200	
Ba	137	159	He	1883.441	ug/l	0.6	20000	
Tl	205	209	He	-0.057	ug/l	N/A	1000	
[Pb]	206	209	He	0.295	ug/l	18.0		
[Pb]	207	209	He	0.284	ug/l	15.9		
Pb	208	209	He	0.267	ug/l	7.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3079621.59	2.3	87.5	60	125	
Sc (ISICPMS)	45	No Gas	4276490.77	1.8	88.5	60	125	
Sc (ISICPMS)	45	H2	1696943.80	1.3	84.1	60	125	
Sc (ISICPMS)	45	He	45928.48	0.7	85.4	60	125	
Ge (IS)	74	H2	333524.45	0.5	95.4	60	125	
Ge (IS)	74	He	27485.69	1.7	95.2	60	125	
Kr	83	He	36.70	31.5	73.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	77308.71	1.0	86.8	60	125	
Tb (IS)	159	He	492499.96	0.6	93.4	60	125	
Bi (IS)	209	He	421571.47	1.2	93.2	60	125	

Sample Report

File Name 037SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:57:06

Sample Name **460-255499-G-3-C DU**

Comment ---

Dilution **1.0000**

Vial # 4405

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.025	ug/l	158.0	2000	
B	11	6	No Gas	95.454	ug/l	3.7	500	
Na	23	45	He	328078.781	ug/l	0.6	500000	
Mg	24	45	He	13419.411	ug/l	1.0	500000	
Al	27	45	He	6.727	ug/l	11.8	200000	
K	39	45	He	3384.674	ug/l	1.1	500000	
Ca	40	45	H2	213188.130	ug/l	1.5	500000	
Ti	47	45	He	0.845	ug/l	102.7	5000	
V	51	45	He	0.365	ug/l	84.3	5000	
Cr	52	45	He	1.853	ug/l	6.7	20000	
Mn	55	45	He	11234.218	ug/l	0.8	10000	>LDR 6020B□>LDR 200.8
Fe	56	45	H2	50.045	ug/l	3.0	500000	
Co	59	45	He	0.102	ug/l	34.9	2000	
Ni	60	45	He	1.270	ug/l	3.9	20000	
Cu	63	45	He	0.097	ug/l	53.4	20000	
Zn	66	45	He	1.895	ug/l	52.1	20000	
As	75	45	He	0.465	ug/l	18.1	5000	
Se	78	45	H2	0.896	ug/l	19.6	2000	
Sr	88	115	He	384.077	ug/l	0.8	5000	
Mo	95	115	He	0.539	ug/l	44.1	2000	
Ag	107	115	He	0.000	ug/l	N/A	100	
Cd	111	115	He	0.014	ug/l	304.8	5000	
Sn	118	115	He	-0.054	ug/l	N/A	200	
Sb	121	115	He	0.003	ug/l	953.0	200	
Ba	137	159	He	1883.441	ug/l	0.6	20000	
Tl	205	209	He	-0.057	ug/l	N/A	1000	
[Pb]	206	209	He	0.295	ug/l	18.0		
[Pb]	207	209	He	0.284	ug/l	15.9		
Pb	208	209	He	0.267	ug/l	7.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3079621.59	2.3	87.5	60	125	
Sc (ISICPMS)	45	No Gas	4276490.77	1.8	88.5	60	125	
Sc (ISICPMS)	45	H2	1696943.80	1.3	84.1	60	125	
Sc (ISICPMS)	45	He	45928.48	0.7	85.4	60	125	
Ge (IS)	74	H2	333524.45	0.5	95.4	60	125	
Ge (IS)	74	He	27485.69	1.7	95.2	60	125	
Kr	83	He	36.70	31.5	73.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	77308.71	1.0	86.8	60	125	
Tb (IS)	159	He	492499.96	0.6	93.4	60	125	
Bi (IS)	209	He	421571.47	1.2	93.2	60	125	

Sample Report

File Name 038SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 10:59:29

Sample Name **460-255499-G-3-B**

Comment ---

Dilution **1.0000**

Vial # 4406

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.087	ug/l	85.1	2000	
B	11	6	No Gas	90.581	ug/l	3.0	500	
Na	23	45	He	325505.741	ug/l	1.6	500000	
Mg	24	45	He	13293.204	ug/l	1.3	500000	
Al	27	45	He	6.637	ug/l	26.2	200000	
K	39	45	He	3353.328	ug/l	1.9	500000	
Ca	40	45	H2	215651.189	ug/l	4.0	500000	
Ti	47	45	He	-0.130	ug/l	N/A	5000	
V	51	45	He	0.319	ug/l	113.6	5000	
Cr	52	45	He	2.032	ug/l	15.6	20000	
Mn	55	45	He	11089.610	ug/l	1.2	10000	>LDR 6020B□>LDR 200.8
Fe	56	45	H2	50.079	ug/l	3.8	500000	
Co	59	45	He	0.090	ug/l	24.0	2000	
Ni	60	45	He	1.260	ug/l	16.8	20000	
Cu	63	45	He	0.211	ug/l	43.3	20000	
Zn	66	45	He	0.902	ug/l	39.6	20000	
As	75	45	He	0.491	ug/l	44.4	5000	
Se	78	45	H2	0.186	ug/l	92.2	2000	
Sr	88	115	He	379.584	ug/l	1.4	5000	
Mo	95	115	He	0.536	ug/l	22.0	2000	
Ag	107	115	He	-0.004	ug/l	N/A	100	
Cd	111	115	He	0.013	ug/l	156.7	5000	
Sn	118	115	He	-0.086	ug/l	N/A	200	
Sb	121	115	He	0.052	ug/l	28.8	200	
Ba	137	159	He	1864.496	ug/l	1.7	20000	
Tl	205	209	He	-0.051	ug/l	N/A	1000	
[Pb]	206	209	He	0.282	ug/l	9.4		
[Pb]	207	209	He	0.323	ug/l	10.3		
Pb	208	209	He	0.281	ug/l	6.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3139634.67	1.6	89.2	60	125	
Sc (ISICPMS)	45	No Gas	4279518.33	0.8	88.6	60	125	
Sc (ISICPMS)	45	H2	1683023.90	3.0	83.4	60	125	
Sc (ISICPMS)	45	He	46335.30	0.2	86.1	60	125	
Ge (IS)	74	H2	336695.58	0.8	96.3	60	125	
Ge (IS)	74	He	27164.79	2.2	94.1	60	125	
Kr	83	He	20.02	50.0	40.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	79021.78	0.9	88.7	60	125	
Tb (IS)	159	He	494854.82	0.8	93.9	60	125	
Bi (IS)	209	He	423932.96	1.5	93.7	60	125	

Sample Report

File Name 039SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 11:01:56

Sample Name **sd 460-255499-G-3-B@5**

Comment ---

Dilution **1.0000**

Vial # 4407

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.004	ug/l	53.4	2000	
B	11	6	No Gas	22.856	ug/l	2.9	500	
Na	23	45	He	67582.138	ug/l	3.2	500000	
Mg	24	45	He	2801.882	ug/l	0.7	500000	
Al	27	45	He	3.161	ug/l	48.2	200000	
K	39	45	He	741.361	ug/l	5.0	500000	
Ca	40	45	H2	44437.359	ug/l	1.7	500000	
Ti	47	45	He	-0.267	ug/l	N/A	5000	
V	51	45	He	-0.105	ug/l	N/A	5000	
Cr	52	45	He	0.561	ug/l	43.6	20000	
Mn	55	45	He	2296.631	ug/l	2.1	10000	
Fe	56	45	H2	11.818	ug/l	4.8	500000	
Co	59	45	He	0.002	ug/l	242.4	2000	
Ni	60	45	He	0.618	ug/l	9.7	20000	
Cu	63	45	He	0.246	ug/l	2.8	20000	
Zn	66	45	He	1.029	ug/l	4.5	20000	
As	75	45	He	-0.085	ug/l	N/A	5000	
Se	78	45	H2	0.097	ug/l	100.9	2000	
Sr	88	115	He	78.230	ug/l	1.1	5000	
Mo	95	115	He	0.117	ug/l	43.5	2000	
Ag	107	115	He	0.000	ug/l	N/A	100	
Cd	111	115	He	0.001	ug/l	2276.6	5000	
Sn	118	115	He	-0.014	ug/l	N/A	200	
Sb	121	115	He	0.010	ug/l	120.3	200	
Ba	137	159	He	382.060	ug/l	1.1	20000	
Tl	205	209	He	-0.052	ug/l	N/A	1000	
[Pb]	206	209	He	0.055	ug/l	47.9		
[Pb]	207	209	He	0.074	ug/l	9.9		
Pb	208	209	He	0.062	ug/l	36.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3167575.72	1.1	90.0	60	125	
Sc (ISICPMS)	45	No Gas	4260952.42	2.2	88.2	60	125	
Sc (ISICPMS)	45	H2	1743020.74	1.4	86.4	60	125	
Sc (ISICPMS)	45	He	46240.53	0.7	85.9	60	125	
Ge (IS)	74	H2	338028.89	1.0	96.7	60	125	
Ge (IS)	74	He	27412.08	2.5	94.9	60	125	
Kr	83	He	40.04	43.3	80.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	80711.69	1.3	90.6	60	125	
Tb (IS)	159	He	498940.14	0.9	94.6	60	125	
Bi (IS)	209	He	433530.02	0.9	95.8	60	125	

Sample Report

File Name 040SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 11:04:22

Sample Name **pds 460-255037-A-1-A**

Comment ---

Dilution **1.0000**

Vial # 2103

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	35.578	ug/l	1.2	2000	
B	11	6	No Gas	613.407	ug/l	0.7	500	>LDR 6020B
Na	23	45	He	3266.778	ug/l	1.2	500000	
Mg	24	45	He	4683.894	ug/l	1.4	500000	
Al	27	45	He	117053.394	ug/l	1.2	200000	
K	39	45	He	5406.276	ug/l	1.5	500000	
Ca	40	45	H2	6675.068	ug/l	1.0	500000	
Ti	47	45	He	1016.328	ug/l	3.3	5000	
V	51	45	He	275.280	ug/l	1.7	5000	
Cr	52	45	He	107.273	ug/l	2.5	20000	
Mn	55	45	He	2500.370	ug/l	1.6	10000	
Fe	56	45	H2	215068.740	ug/l	0.9	500000	
Co	59	45	He	86.243	ug/l	1.1	2000	
Ni	60	45	He	138.405	ug/l	1.3	20000	
Cu	63	45	He	113.169	ug/l	3.1	20000	
Zn	66	45	He	493.835	ug/l	1.4	20000	
As	75	45	He	89.376	ug/l	5.1	5000	
Se	78	45	H2	62.622	ug/l	1.9	2000	
Sr	88	115	He	170.597	ug/l	1.6	5000	
Mo	95	115	He	64.582	ug/l	2.3	2000	
Ag	107	115	He	12.267	ug/l	1.6	100	
Cd	111	115	He	31.058	ug/l	2.3	5000	
Sn	118	115	He	65.638	ug/l	3.5	200	
Sb	121	115	He	33.304	ug/l	2.9	200	
Ba	137	159	He	845.415	ug/l	1.8	20000	
Tl	205	209	He	25.897	ug/l	1.6	1000	
[Pb]	206	209	He	68.350	ug/l	3.4		
[Pb]	207	209	He	67.633	ug/l	2.6		
Pb	208	209	He	67.717	ug/l	2.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3082742.63	1.0	87.6	60	125	
Sc (ISICPMS)	45	No Gas	4268450.91	1.1	88.4	60	125	
Sc (ISICPMS)	45	H2	1715575.36	1.7	85.0	60	125	
Sc (ISICPMS)	45	He	45830.34	1.6	85.2	60	125	
Ge (IS)	74	H2	326676.67	1.2	93.5	60	125	
Ge (IS)	74	He	26312.16	2.7	91.1	60	125	
Kr	83	He	70.07	93.7	140.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	77198.78	0.8	86.7	60	125	
Tb (IS)	159	He	492244.35	0.8	93.4	60	125	
Bi (IS)	209	He	422932.46	1.5	93.5	60	125	

Sample Report

File Name 041SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 11:06:57

Sample Name **460-255037-A-1-C MS**

Comment ---

Dilution **1.0000**

Vial # 2104

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	51.200	ug/l	2.3	2000	
B	11	6	No Gas	893.719	ug/l	1.2	500	>LDR 6020B
Na	23	45	He	4710.472	ug/l	1.8	500000	
Mg	24	45	He	6073.450	ug/l	1.1	500000	
Al	27	45	He	125782.151	ug/l	1.0	200000	
K	39	45	He	6379.211	ug/l	1.8	500000	
Ca	40	45	H2	7760.758	ug/l	1.4	500000	
Ti	47	45	He	1042.822	ug/l	1.3	5000	
V	51	45	He	301.880	ug/l	0.5	5000	
Cr	52	45	He	134.877	ug/l	0.7	20000	
Mn	55	45	He	2488.643	ug/l	0.2	10000	
Fe	56	45	H2	211483.968	ug/l	1.9	500000	
Co	59	45	He	96.442	ug/l	0.7	2000	
Ni	60	45	He	169.239	ug/l	0.4	20000	
Cu	63	45	He	140.932	ug/l	0.4	20000	
Zn	66	45	He	623.087	ug/l	1.5	20000	
As	75	45	He	117.833	ug/l	1.0	5000	
Se	78	45	H2	92.487	ug/l	4.6	2000	
Sr	88	115	He	189.054	ug/l	0.9	5000	
Mo	95	115	He	92.869	ug/l	1.1	2000	
Ag	107	115	He	46.676	ug/l	1.7	100	
Cd	111	115	He	46.735	ug/l	0.9	5000	
Sn	118	115	He	92.534	ug/l	2.9	200	
Sb	121	115	He	23.823	ug/l	2.0	200	
Ba	137	159	He	760.536	ug/l	1.1	20000	
Tl	205	209	He	38.485	ug/l	0.5	1000	
[Pb]	206	209	He	81.176	ug/l	1.4		
[Pb]	207	209	He	81.503	ug/l	0.9		
Pb	208	209	He	81.332	ug/l	1.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3185791.73	1.7	90.5	60	125	
Sc (ISICPMS)	45	No Gas	4366600.35	1.0	90.4	60	125	
Sc (ISICPMS)	45	H2	1773729.12	1.5	87.9	60	125	
Sc (ISICPMS)	45	He	48084.66	1.5	89.4	60	125	
Ge (IS)	74	H2	341900.13	1.8	97.8	60	125	
Ge (IS)	74	He	27626.26	3.0	95.7	60	125	
Kr	83	He	56.72	44.4	113.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	80568.51	0.8	90.5	60	125	
Tb (IS)	159	He	504013.29	0.4	95.6	60	125	
Bi (IS)	209	He	428334.11	0.9	94.7	60	125	

Sample Report

File Name 042SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 11:09:27

Sample Name **460-255037-A-1-B DU**

Comment ---

Dilution **1.0000**

Vial # 2105

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	6.156	ug/l	2.9	2000	
B	11	6	No Gas	28.227	ug/l	3.7	500	
Na	23	45	He	207.903	ug/l	2.8	500000	
Mg	24	45	He	1424.680	ug/l	1.7	500000	
Al	27	45	He	109980.872	ug/l	1.7	200000	
K	39	45	He	2344.652	ug/l	1.0	500000	
Ca	40	45	H2	3587.936	ug/l	1.8	500000	
Ti	47	45	He	949.178	ug/l	1.1	5000	
V	51	45	He	217.102	ug/l	1.7	5000	
Cr	52	45	He	44.832	ug/l	2.0	20000	
Mn	55	45	He	2243.483	ug/l	0.8	10000	
Fe	56	45	H2	218391.756	ug/l	2.2	500000	
Co	59	45	He	57.276	ug/l	2.2	2000	
Ni	60	45	He	73.021	ug/l	0.9	20000	
Cu	63	45	He	50.589	ug/l	1.5	20000	
Zn	66	45	He	176.120	ug/l	1.0	20000	
As	75	45	He	27.359	ug/l	3.3	5000	
Se	78	45	H2	0.721	ug/l	22.0	2000	
Sr	88	115	He	109.632	ug/l	1.6	5000	
Mo	95	115	He	1.871	ug/l	4.7	2000	
Ag	107	115	He	0.046	ug/l	7.0	100	
Cd	111	115	He	0.092	ug/l	1.0	5000	
Sn	118	115	He	2.917	ug/l	18.0	200	
Sb	121	115	He	0.326	ug/l	41.5	200	
Ba	137	159	He	776.368	ug/l	2.3	20000	
Tl	205	209	He	1.035	ug/l	2.1	1000	
[Pb]	206	209	He	34.083	ug/l	1.1		
[Pb]	207	209	He	34.271	ug/l	0.7		
Pb	208	209	He	34.336	ug/l	0.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3166560.09	3.0	90.0	60	125	
Sc (ISICPMS)	45	No Gas	4513730.86	2.7	93.4	60	125	
Sc (ISICPMS)	45	H2	1828806.29	0.4	90.7	60	125	
Sc (ISICPMS)	45	He	49408.18	0.4	91.8	60	125	
Ge (IS)	74	H2	349240.90	0.7	99.9	60	125	
Ge (IS)	74	He	28338.44	2.0	98.2	60	125	
Kr	83	He	70.07	49.5	140.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	82801.36	0.9	93.0	60	125	
Tb (IS)	159	He	515506.07	0.6	97.8	60	125	
Bi (IS)	209	He	440185.42	1.2	97.3	60	125	

Sample Report

File Name 043SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 11:11:57

Sample Name **460-255037-A-1-A**

Comment ---

Dilution **1.0000**

Vial # 2106

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	5.844	ug/l	3.5	2000	
B	11	6	No Gas	21.378	ug/l	3.3	500	
Na	23	45	He	198.723	ug/l	4.3	500000	
Mg	24	45	He	1524.315	ug/l	2.3	500000	
Al	27	45	He	112699.544	ug/l	0.7	200000	
K	39	45	He	2407.338	ug/l	2.1	500000	
Ca	40	45	H2	3635.097	ug/l	2.3	500000	
Ti	47	45	He	951.053	ug/l	3.1	5000	
V	51	45	He	213.140	ug/l	0.3	5000	
Cr	52	45	He	45.941	ug/l	2.6	20000	
Mn	55	45	He	2179.816	ug/l	2.9	10000	
Fe	56	45	H2	213889.620	ug/l	1.9	500000	
Co	59	45	He	55.110	ug/l	1.3	2000	
Ni	60	45	He	75.073	ug/l	2.9	20000	
Cu	63	45	He	50.357	ug/l	2.7	20000	
Zn	66	45	He	174.775	ug/l	1.3	20000	
As	75	45	He	25.851	ug/l	5.5	5000	
Se	78	45	H2	0.858	ug/l	33.8	2000	
Sr	88	115	He	110.099	ug/l	3.3	5000	
Mo	95	115	He	1.948	ug/l	7.4	2000	
Ag	107	115	He	0.050	ug/l	58.2	100	
Cd	111	115	He	0.370	ug/l	69.1	5000	
Sn	118	115	He	2.956	ug/l	7.7	200	
Sb	121	115	He	0.307	ug/l	14.9	200	
Ba	137	159	He	804.664	ug/l	1.4	20000	
Tl	205	209	He	1.056	ug/l	4.4	1000	
[Pb]	206	209	He	34.295	ug/l	1.1		
[Pb]	207	209	He	34.256	ug/l	2.8		
Pb	208	209	He	34.158	ug/l	1.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3290377.48	1.4	93.5	60	125	
Sc (ISICPMS)	45	No Gas	4666468.65	0.8	96.6	60	125	
Sc (ISICPMS)	45	H2	1885669.21	0.7	93.5	60	125	
Sc (ISICPMS)	45	He	51452.37	1.0	95.6	60	125	
Ge (IS)	74	H2	362378.54	1.5	103.7	60	125	
Ge (IS)	74	He	30056.99	3.1	104.1	60	125	
Kr	83	He	63.40	24.1	126.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	84079.18	0.5	94.4	60	125	
Tb (IS)	159	He	522255.31	1.1	99.1	60	125	
Bi (IS)	209	He	446259.45	1.1	98.6	60	125	

Sample Report

File Name 044SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 11:14:23

Sample Name **sd 460-255037-A-1-A@5**

Comment ---

Dilution **1.0000**

Vial # 2107

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	1.154	ug/l	9.5	2000	
B	11	6	No Gas	8.903	ug/l	2.9	500	
Na	23	45	He	22.814	ug/l	54.2	500000	
Mg	24	45	He	320.243	ug/l	2.2	500000	
Al	27	45	He	23334.985	ug/l	1.1	200000	
K	39	45	He	503.847	ug/l	5.5	500000	
Ca	40	45	H2	704.006	ug/l	1.8	500000	
Ti	47	45	He	202.285	ug/l	5.1	5000	
V	51	45	He	44.485	ug/l	1.7	5000	
Cr	52	45	He	9.719	ug/l	5.2	20000	
Mn	55	45	He	459.249	ug/l	2.0	10000	
Fe	56	45	H2	44166.822	ug/l	2.8	500000	
Co	59	45	He	11.405	ug/l	2.9	2000	
Ni	60	45	He	15.938	ug/l	7.6	20000	
Cu	63	45	He	10.781	ug/l	2.2	20000	
Zn	66	45	He	37.932	ug/l	5.2	20000	
As	75	45	He	6.166	ug/l	13.7	5000	
Se	78	45	H2	0.370	ug/l	62.3	2000	
Sr	88	115	He	22.289	ug/l	4.9	5000	
Mo	95	115	He	0.519	ug/l	2.2	2000	
Ag	107	115	He	0.049	ug/l	128.3	100	
Cd	111	115	He	0.400	ug/l	97.8	5000	
Sn	118	115	He	0.665	ug/l	28.5	200	
Sb	121	115	He	0.233	ug/l	79.4	200	
Ba	137	159	He	169.007	ug/l	1.7	20000	
Tl	205	209	He	0.163	ug/l	15.1	1000	
[Pb]	206	209	He	6.985	ug/l	0.9		
[Pb]	207	209	He	6.995	ug/l	4.6		
Pb	208	209	He	7.023	ug/l	2.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3310029.22	2.4	94.1	60	125	
Sc (ISICPMS)	45	No Gas	4608852.86	1.2	95.4	60	125	
Sc (ISICPMS)	45	H2	1903870.49	2.1	94.4	60	125	
Sc (ISICPMS)	45	He	50058.30	1.1	93.0	60	125	
Ge (IS)	74	H2	359031.44	2.6	102.7	60	125	
Ge (IS)	74	He	28435.28	2.9	98.5	60	125	
Kr	83	He	90.10	29.4	180.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	84366.87	2.0	94.7	60	125	
Tb (IS)	159	He	519298.10	0.6	98.5	60	125	
Bi (IS)	209	He	447113.61	0.6	98.8	60	125	

Continuing Calibration Verification (CCV)

File Name 045_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 11:24:07

Sample Name **CCV 9767647**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	96.139	ug/l	3.2	100	90	110	
B	11	6	No Gas	244.742	ug/l	2.9	250	225	275	
Na	23	45	He	25149.846	ug/l	1.6	25000	22500	27500	
Mg	24	45	He	24161.702	ug/l	0.9	25000	22500	27500	
Al	27	45	He	24463.445	ug/l	0.5	25000	22500	27500	
K	39	45	He	24063.699	ug/l	0.7	25000	22500	27500	
Ca	40	45	H2	24176.409	ug/l	1.1	25000	22500	27500	
Ti	47	45	He	97.371	ug/l	2.7	100	90	110	
V	51	45	He	95.037	ug/l	4.1	100	90	110	
Cr	52	45	He	95.483	ug/l	2.3	100	90	110	
Mn	55	45	He	99.840	ug/l	1.5	100	90	110	
Fe	56	45	H2	24258.934	ug/l	1.1	25000	22500	27500	
Co	59	45	He	97.585	ug/l	2.2	100	90	110	
Ni	60	45	He	98.344	ug/l	0.6	100	90	110	
Cu	63	45	He	97.321	ug/l	1.7	100	90	110	
Zn	66	45	He	247.733	ug/l	1.8	250	225	275	
As	75	45	He	97.787	ug/l	0.9	100	90	110	
Se	78	45	H2	95.840	ug/l	0.5	100	90	110	
Sr	88	115	He	95.713	ug/l	1.2	100	90	110	
Mo	95	115	He	97.259	ug/l	0.7	100	90	110	
Ag	107	115	He	49.892	ug/l	2.1	50	45	55	
Cd	111	115	He	100.184	ug/l	2.9	100	90	110	
Sn	118	115	He	98.871	ug/l	0.6	100	90	110	
Sb	121	115	He	97.289	ug/l	2.0	100	90	110	
Ba	137	159	He	97.874	ug/l	1.3	100	90	110	
Tl	205	209	He	96.257	ug/l	1.0	100	90	110	
[Pb]	206	209	He	97.435	ug/l	1.4				
[Pb]	207	209	He	97.861	ug/l	0.8				
Pb	208	209	He	97.352	ug/l	0.3	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3249675.65	3.5	92.4	60	125	
Sc (ISICPMS)	45	No Gas	4474300.03	2.4	92.6	60	125	
Sc (ISICPMS)	45	H2	1826339.35	1.2	90.5	60	125	
Sc (ISICPMS)	45	He	47807.09	0.4	88.8	60	125	
Ge (IS)	74	H2	343262.31	1.1	98.2	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Ge (IS)	74	He	27308.55	1.7	94.6	60	125	
Kr	83	He	30.03	88.2	60.0			
In-1	115	He	80511.23	1.7	90.4	60	125	
Tb (IS)	159	He	493885.37	1.1	93.7	60	125	
Bi (IS)	209	He	434527.10	0.4	96.0	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 046_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 11:26:37

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.008	ug/l	109.8	0.8	-0.8	0.8	
B	11	6	No Gas	5.507	ug/l	2.5	40	-40	40	
Na	23	45	He	-22.155	ug/l	N/A	500	-500	500	
Mg	24	45	He	1.040	ug/l	92.6	200	-200	200	
Al	27	45	He	1.415	ug/l	58.6	40	-40	40	
K	39	45	He	25.277	ug/l	16.9	200	-200	200	
Ca	40	45	H2	0.730	ug/l	91.3	500	-500	500	
Ti	47	45	He	0.005	ug/l	6323.0	4	-4	4	
V	51	45	He	-0.359	ug/l	N/A	4	-4	4	
Cr	52	45	He	0.153	ug/l	218.6	4	-4	4	
Mn	55	45	He	-0.006	ug/l	N/A	8	-8	8	
Fe	56	45	H2	1.658	ug/l	14.1	60	-60	60	
Co	59	45	He	-0.019	ug/l	N/A	4	-4	4	
Ni	60	45	He	0.072	ug/l	370.8	4	-4	4	
Cu	63	45	He	0.111	ug/l	81.6	4	-4	4	
Zn	66	45	He	0.255	ug/l	157.0	16	-16	16	
As	75	45	He	-0.042	ug/l	N/A	2	-2	2	
Se	78	45	H2	0.082	ug/l	61.6	2.5	-2.5	2.5	
Sr	88	115	He	0.021	ug/l	144.2	4	-4	4	
Mo	95	115	He	0.002	ug/l	1314.5	4	-4	4	
Ag	107	115	He	0.005	ug/l	97.8	2	-2	2	
Cd	111	115	He	0.001	ug/l	1791.7	2	-2	2	
Sn	118	115	He	-0.095	ug/l	N/A	16	-16	16	
Sb	121	115	He	0.002	ug/l	1531.8	2	-2	2	
Ba	137	159	He	0.048	ug/l	173.2	4	-4	4	
Tl	205	209	He	-0.052	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	-0.039	ug/l	N/A				
[Pb]	207	209	He	-0.008	ug/l	N/A				
Pb	208	209	He	-0.025	ug/l	N/A	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3267402.66	0.6	92.9	60	125	
Sc (ISICPMS)	45	No Gas	4405389.61	2.5	91.2	60	125	
Sc (ISICPMS)	45	H2	1758274.53	2.4	87.2	60	125	
Sc (ISICPMS)	45	He	46728.96	3.5	86.8	60	125	
Ge (IS)	74	H2	328706.95	0.8	94.1	60	125	
Ge (IS)	74	He	26419.17	2.3	91.5	60	125	
Kr	83	He	30.03	33.3	60.0			
In-1	115	He	80753.73	1.1	90.7	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Tb (IS)	159	He	495233.27	0.8	93.9	60	125	
Bi (IS)	209	He	436264.64	2.5	96.4	60	125	

Sample Report

File Name 047SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 11:29:05

Sample Name **460-255223-A-12-A**

Comment ---

Dilution **1.0000**

Vial # 4412

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.008	ug/l	N/A	2000	
B	11	6	No Gas	5.133	ug/l	5.9	500	
Na	23	45	He	-21.386	ug/l	N/A	500000	
Mg	24	45	He	2.813	ug/l	40.7	500000	
Al	27	45	He	1.933	ug/l	17.1	200000	
K	39	45	He	13.899	ug/l	95.9	500000	
Ca	40	45	H2	9.729	ug/l	5.4	500000	
Ti	47	45	He	-0.077	ug/l	N/A	5000	
V	51	45	He	-0.420	ug/l	N/A	5000	
Cr	52	45	He	-0.193	ug/l	N/A	20000	
Mn	55	45	He	0.179	ug/l	62.9	10000	
Fe	56	45	H2	1.898	ug/l	5.2	500000	
Co	59	45	He	-0.013	ug/l	N/A	2000	
Ni	60	45	He	-0.097	ug/l	N/A	20000	
Cu	63	45	He	0.042	ug/l	62.2	20000	
Zn	66	45	He	0.503	ug/l	79.0	20000	
As	75	45	He	-0.075	ug/l	N/A	5000	
Se	78	45	H2	0.031	ug/l	250.3	2000	
Sr	88	115	He	0.052	ug/l	59.6	5000	
Mo	95	115	He	-0.013	ug/l	N/A	2000	
Ag	107	115	He	0.003	ug/l	199.4	100	
Cd	111	115	He	-0.011	ug/l	N/A	5000	
Sn	118	115	He	-0.218	ug/l	N/A	200	
Sb	121	115	He	-0.022	ug/l	N/A	200	
Ba	137	159	He	0.190	ug/l	86.6	20000	
Tl	205	209	He	-0.059	ug/l	N/A	1000	
[Pb]	206	209	He	-0.032	ug/l	N/A		
[Pb]	207	209	He	0.004	ug/l	1694.0		
Pb	208	209	He	-0.027	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3324762.66	1.8	94.5	60	125	
Sc (ISICPMS)	45	No Gas	4467469.76	1.0	92.5	60	125	
Sc (ISICPMS)	45	H2	1804279.77	2.1	89.4	60	125	
Sc (ISICPMS)	45	He	47888.50	1.8	89.0	60	125	
Ge (IS)	74	H2	325456.93	1.6	93.1	60	125	
Ge (IS)	74	He	26449.26	1.4	91.6	60	125	
Kr	83	He	13.35	86.6	26.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	81861.86	1.3	91.9	60	125	
Tb (IS)	159	He	501398.13	1.7	95.1	60	125	
Bi (IS)	209	He	441290.86	0.4	97.5	60	125	

Sample Report

File Name 048SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 11:31:30

Sample Name **460-255558-A-2-B**

Comment ---

Dilution **1.0000**

Vial # 4408

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.003	ug/l	300.9	2000	
B	11	6	No Gas	2726.720	ug/l	3.4	500	>LDR 6020B□>LDR 200.8
Na	23	45	He	5923014.611	ug/l	0.7	500000	>LDR 6020B□>LDR 200.8
Mg	24	45	He	718688.084	ug/l	1.8	500000	>LDR 6020B□>LDR 200.8
Al	27	45	He	37.107	ug/l	9.2	200000	
K	39	45	He	222982.007	ug/l	1.4	500000	
Ca	40	45	H2	250532.694	ug/l	0.5	500000	
Ti	47	45	He	0.701	ug/l	58.3	5000	
V	51	45	He	2.041	ug/l	3.9	5000	
Cr	52	45	He	0.353	ug/l	38.9	20000	
Mn	55	45	He	46.521	ug/l	4.3	10000	
Fe	56	45	H2	83.822	ug/l	0.4	500000	
Co	59	45	He	0.142	ug/l	31.2	2000	
Ni	60	45	He	0.696	ug/l	21.0	20000	
Cu	63	45	He	8.903	ug/l	6.7	20000	
Zn	66	45	He	19.747	ug/l	4.7	20000	
As	75	45	He	1.221	ug/l	40.0	5000	
Se	78	45	H2	0.753	ug/l	13.1	2000	
Sr	88	115	He	4721.153	ug/l	2.1	5000	>LDR 200.8
Mo	95	115	He	8.923	ug/l	5.6	2000	
Ag	107	115	He	0.029	ug/l	56.5	100	
Cd	111	115	He	0.037	ug/l	111.6	5000	
Sn	118	115	He	0.105	ug/l	68.8	200	
Sb	121	115	He	0.329	ug/l	15.7	200	
Ba	137	159	He	17.591	ug/l	7.0	20000	
Tl	205	209	He	-0.044	ug/l	N/A	1000	
[Pb]	206	209	He	4.268	ug/l	3.1		
[Pb]	207	209	He	4.053	ug/l	2.3		
Pb	208	209	He	4.037	ug/l	2.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3034086.66	1.3	86.2	60	125	
Sc (ISICPMS)	45	No Gas	4226433.73	0.2	87.5	60	125	
Sc (ISICPMS)	45	H2	1787627.51	2.3	88.6	60	125	
Sc (ISICPMS)	45	He	48981.15	1.5	91.0	60	125	
Ge (IS)	74	H2	344035.38	1.3	98.4	60	125	
Ge (IS)	74	He	28472.14	2.5	98.6	60	125	
Kr	83	He	50.05	52.9	100.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	79752.51	1.6	89.5	60	125	
Tb (IS)	159	He	478102.63	1.9	90.7	60	125	
Bi (IS)	209	He	381876.87	1.3	84.4	60	125	

Sample Report

File Name 049SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 11:33:55

Sample Name **460-255558-A-2-C MS**

Comment ---

Dilution **1.0000**

Vial # 4409

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	27.875	ug/l	0.7	2000	
B	11	6	No Gas	3470.168	ug/l	0.9	500	>LDR 6020B□>LDR 200.8
Na	23	45	He	5858917.123	ug/l	1.8	500000	>LDR 6020B□>LDR 200.8
Mg	24	45	He	717511.266	ug/l	1.2	500000	>LDR 6020B□>LDR 200.8
Al	27	45	He	2694.214	ug/l	1.7	200000	
K	39	45	He	224022.173	ug/l	1.1	500000	
Ca	40	45	H2	255134.287	ug/l	2.1	500000	
Ti	47	45	He	48.894	ug/l	4.0	5000	
V	51	45	He	56.695	ug/l	0.6	5000	
Cr	52	45	He	50.542	ug/l	1.2	20000	
Mn	55	45	He	304.189	ug/l	1.9	10000	
Fe	56	45	H2	2645.074	ug/l	1.8	500000	
Co	59	45	He	24.931	ug/l	1.9	2000	
Ni	60	45	He	49.681	ug/l	1.5	20000	
Cu	63	45	He	55.946	ug/l	1.9	20000	
Zn	66	45	He	265.122	ug/l	0.3	20000	
As	75	45	He	53.994	ug/l	4.2	5000	
Se	78	45	H2	51.067	ug/l	2.7	2000	
Sr	88	115	He	4809.380	ug/l	1.0	5000	>LDR 200.8
Mo	95	115	He	62.467	ug/l	1.0	2000	
Ag	107	115	He	24.242	ug/l	1.1	100	
Cd	111	115	He	26.205	ug/l	1.6	5000	
Sn	118	115	He	52.558	ug/l	3.1	200	
Sb	121	115	He	29.285	ug/l	1.7	200	
Ba	137	159	He	73.688	ug/l	2.0	20000	
Tl	205	209	He	21.616	ug/l	0.9	1000	
[Pb]	206	209	He	31.478	ug/l	3.0		
[Pb]	207	209	He	30.961	ug/l	1.2		
Pb	208	209	He	31.269	ug/l	0.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3054184.89	1.4	86.8	60	125	
Sc (ISICPMS)	45	No Gas	4128364.47	1.2	85.5	60	125	
Sc (ISICPMS)	45	H2	1736207.81	1.2	86.1	60	125	
Sc (ISICPMS)	45	He	49196.34	0.9	91.4	60	125	
Ge (IS)	74	H2	338353.92	0.5	96.8	60	125	
Ge (IS)	74	He	28398.39	2.8	98.4	60	125	
Kr	83	He	50.05	60.0	100.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	78525.58	1.3	88.2	60	125	
Tb (IS)	159	He	472846.31	1.3	89.7	60	125	
Bi (IS)	209	He	376856.31	1.7	83.3	60	125	

Sample Report

File Name 050SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 11:36:20

Sample Name **460-255725-A-1-A**

Comment ---

Dilution **1.0000**

Vial # 4410

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.062	ug/l	59.5	2000	
B	11	6	No Gas	99.203	ug/l	1.7	500	
Na	23	45	He	156468.060	ug/l	2.5	500000	
Mg	24	45	He	8687.816	ug/l	1.0	500000	
Al	27	45	He	496.818	ug/l	3.7	200000	
K	39	45	He	53955.528	ug/l	0.4	500000	
Ca	40	45	H2	24138.127	ug/l	2.6	500000	
Ti	47	45	He	8.958	ug/l	4.6	5000	
V	51	45	He	4.666	ug/l	6.4	5000	
Cr	52	45	He	5.667	ug/l	4.5	20000	
Mn	55	45	He	102.782	ug/l	1.6	10000	
Fe	56	45	H2	8370.642	ug/l	1.0	500000	
Co	59	45	He	1.109	ug/l	7.3	2000	
Ni	60	45	He	7.526	ug/l	7.0	20000	
Cu	63	45	He	101.649	ug/l	1.8	20000	
Zn	66	45	He	789.780	ug/l	2.3	20000	
As	75	45	He	0.876	ug/l	12.7	5000	
Se	78	45	H2	0.242	ug/l	59.8	2000	
Sr	88	115	He	102.560	ug/l	2.4	5000	
Mo	95	115	He	1.431	ug/l	12.6	2000	
Ag	107	115	He	0.034	ug/l	23.8	100	
Cd	111	115	He	0.057	ug/l	1.3	5000	
Sn	118	115	He	0.945	ug/l	46.9	200	
Sb	121	115	He	0.780	ug/l	7.2	200	
Ba	137	159	He	38.079	ug/l	3.4	20000	
Tl	205	209	He	-0.051	ug/l	N/A	1000	
[Pb]	206	209	He	4.859	ug/l	3.8		
[Pb]	207	209	He	4.800	ug/l	2.3		
Pb	208	209	He	4.699	ug/l	2.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3441604.08	1.8	97.8	60	125	
Sc (ISICPMS)	45	No Gas	4456910.40	1.2	92.3	60	125	
Sc (ISICPMS)	45	H2	1815395.60	2.2	90.0	60	125	
Sc (ISICPMS)	45	He	48310.98	1.1	89.8	60	125	
Ge (IS)	74	H2	357194.14	2.3	102.2	60	125	
Ge (IS)	74	He	28238.03	1.5	97.8	60	125	
Kr	83	He	23.36	65.5	46.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	83083.77	1.1	93.3	60	125	
Tb (IS)	159	He	500873.44	0.8	95.0	60	125	
Bi (IS)	209	He	435873.00	1.4	96.3	60	125	

Sample Report

File Name 051SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 11:38:46

Sample Name **460-255726-A-1-A**

Comment ---

Dilution **1.0000**

Vial # 4411

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.010	ug/l	N/A	2000	
B	11	6	No Gas	47.556	ug/l	1.2	500	
Na	23	45	He	180889.451	ug/l	1.9	500000	
Mg	24	45	He	7829.296	ug/l	1.6	500000	
Al	27	45	He	67.699	ug/l	7.7	200000	
K	39	45	He	18598.417	ug/l	0.6	500000	
Ca	40	45	H2	23035.328	ug/l	2.2	500000	
Ti	47	45	He	2.890	ug/l	119.9	5000	
V	51	45	He	2.887	ug/l	4.0	5000	
Cr	52	45	He	0.042	ug/l	528.1	20000	
Mn	55	45	He	13.073	ug/l	1.8	10000	
Fe	56	45	H2	387.026	ug/l	3.2	500000	
Co	59	45	He	0.262	ug/l	15.1	2000	
Ni	60	45	He	1.680	ug/l	4.1	20000	
Cu	63	45	He	224.140	ug/l	0.9	20000	
Zn	66	45	He	120.801	ug/l	1.9	20000	
As	75	45	He	0.214	ug/l	60.4	5000	
Se	78	45	H2	0.434	ug/l	29.7	2000	
Sr	88	115	He	83.393	ug/l	2.5	5000	
Mo	95	115	He	0.867	ug/l	7.4	2000	
Ag	107	115	He	0.116	ug/l	14.2	100	
Cd	111	115	He	0.069	ug/l	74.8	5000	
Sn	118	115	He	0.830	ug/l	35.1	200	
Sb	121	115	He	0.249	ug/l	12.9	200	
Ba	137	159	He	70.728	ug/l	4.8	20000	
Tl	205	209	He	-0.067	ug/l	N/A	1000	
[Pb]	206	209	He	0.863	ug/l	7.7		
[Pb]	207	209	He	0.857	ug/l	2.7		
Pb	208	209	He	0.833	ug/l	1.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3352666.34	2.5	95.3	60	125	
Sc (ISICPMS)	45	No Gas	4331379.87	1.9	89.7	60	125	
Sc (ISICPMS)	45	H2	1771462.92	2.6	87.8	60	125	
Sc (ISICPMS)	45	He	48232.98	0.9	89.6	60	125	
Ge (IS)	74	H2	352532.09	0.9	100.9	60	125	
Ge (IS)	74	He	28763.06	1.4	99.6	60	125	
Kr	83	He	50.05	40.0	100.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	82216.31	0.7	92.3	60	125	
Tb (IS)	159	He	501066.15	1.2	95.0	60	125	
Bi (IS)	209	He	432837.90	1.3	95.6	60	125	

Sample Report

File Name 052SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 11:41:11

Sample Name **pds 460-255667-G-2-D**

Comment ---

Dilution **1.0000**

Vial # 2403

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	35.911	ug/l	0.4	2000	
B	11	6	No Gas	690.093	ug/l	1.1	500	>LDR 6020B
Na	23	45	He	6574.840	ug/l	0.8	500000	
Mg	24	45	He	21419.329	ug/l	1.5	500000	
Al	27	45	He	50452.379	ug/l	0.9	200000	
K	39	45	He	8553.586	ug/l	0.6	500000	
Ca	40	45	H2	46513.515	ug/l	1.6	500000	
Ti	47	45	He	1178.983	ug/l	1.1	5000	
V	51	45	He	227.918	ug/l	1.5	5000	
Cr	52	45	He	184.225	ug/l	0.9	20000	
Mn	55	45	He	1488.988	ug/l	0.8	10000	
Fe	56	45	H2	100494.632	ug/l	2.0	500000	
Co	59	45	He	74.544	ug/l	1.2	2000	
Ni	60	45	He	153.848	ug/l	1.2	20000	
Cu	63	45	He	246.688	ug/l	0.8	20000	
Zn	66	45	He	989.698	ug/l	0.9	20000	
As	75	45	He	96.716	ug/l	0.8	5000	
Se	78	45	H2	71.440	ug/l	8.1	2000	
Sr	88	115	He	237.980	ug/l	1.5	5000	
Mo	95	115	He	69.000	ug/l	1.7	2000	
Ag	107	115	He	13.503	ug/l	1.1	100	
Cd	111	115	He	35.050	ug/l	2.9	5000	
Sn	118	115	He	100.672	ug/l	1.3	200	
Sb	121	115	He	36.959	ug/l	1.4	200	
Ba	137	159	He	756.896	ug/l	2.2	20000	
Tl	205	209	He	26.605	ug/l	3.1	1000	
[Pb]	206	209	He	453.026	ug/l	2.1		
[Pb]	207	209	He	435.861	ug/l	1.7		
Pb	208	209	He	443.637	ug/l	1.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3010176.03	2.4	85.6	60	125	
Sc (ISICPMS)	45	No Gas	4078928.89	2.3	84.4	60	125	
Sc (ISICPMS)	45	H2	1564930.69	2.0	77.6	60	125	
Sc (ISICPMS)	45	He	42094.02	1.5	78.2	60	125	
Ge (IS)	74	H2	309784.98	0.7	88.6	60	125	
Ge (IS)	74	He	25523.27	2.6	88.4	60	125	
Kr	83	He	23.36	24.7	46.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	72431.53	0.5	81.3	60	125	
Tb (IS)	159	He	467182.68	0.8	88.6	60	125	
Bi (IS)	209	He	407689.16	2.3	90.1	60	125	

Sample Report

File Name 053SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 11:43:38

Sample Name **460-255667-G-2-F MS**

Comment ---

Dilution **1.0000**

Vial # 2404

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	51.351	ug/l	2.0	2000	
B	11	6	No Gas	943.632	ug/l	2.2	500	>LDR 6020B
Na	23	45	He	8223.500	ug/l	3.0	500000	
Mg	24	45	He	20957.802	ug/l	2.2	500000	
Al	27	45	He	60737.783	ug/l	1.8	200000	
K	39	45	He	10334.872	ug/l	1.7	500000	
Ca	40	45	H2	45669.185	ug/l	1.1	500000	
Ti	47	45	He	1364.872	ug/l	0.7	5000	
V	51	45	He	262.960	ug/l	3.4	5000	
Cr	52	45	He	224.754	ug/l	2.7	20000	
Mn	55	45	He	2449.351	ug/l	2.7	10000	
Fe	56	45	H2	101549.033	ug/l	2.2	500000	
Co	59	45	He	163.355	ug/l	2.0	2000	
Ni	60	45	He	200.747	ug/l	3.1	20000	
Cu	63	45	He	323.855	ug/l	2.9	20000	
Zn	66	45	He	1205.607	ug/l	2.3	20000	
As	75	45	He	128.357	ug/l	0.6	5000	
Se	78	45	H2	97.653	ug/l	2.4	2000	
Sr	88	115	He	295.709	ug/l	1.3	5000	
Mo	95	115	He	99.508	ug/l	2.5	2000	
Ag	107	115	He	49.495	ug/l	2.4	100	
Cd	111	115	He	51.396	ug/l	1.5	5000	
Sn	118	115	He	191.781	ug/l	0.2	200	
Sb	121	115	He	28.405	ug/l	3.1	200	
Ba	137	159	He	905.571	ug/l	0.5	20000	
Tl	205	209	He	38.894	ug/l	1.0	1000	
[Pb]	206	209	He	522.869	ug/l	1.7		
[Pb]	207	209	He	500.782	ug/l	0.2		
Pb	208	209	He	512.892	ug/l	1.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2882328.36	1.0	81.9	60	125	
Sc (ISICPMS)	45	No Gas	3974985.05	2.2	82.3	60	125	
Sc (ISICPMS)	45	H2	1606503.88	2.3	79.6	60	125	
Sc (ISICPMS)	45	He	42337.08	2.1	78.7	60	125	
Ge (IS)	74	H2	314921.59	1.6	90.1	60	125	
Ge (IS)	74	He	25192.25	1.5	87.3	60	125	
Kr	83	He	33.37	34.6	66.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	72432.35	1.3	81.3	60	125	
Tb (IS)	159	He	473151.53	0.2	89.7	60	125	
Bi (IS)	209	He	412801.52	0.3	91.2	60	125	

Sample Report

File Name 054SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 11:46:05

Sample Name **460-255667-G-2-E DU**

Comment ---

Dilution **1.0000**

Vial # 2405

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.297	ug/l	3.9	2000	
B	11	6	No Gas	64.310	ug/l	3.1	500	
Na	23	45	He	3356.223	ug/l	2.5	500000	
Mg	24	45	He	18978.651	ug/l	2.3	500000	
Al	27	45	He	48170.429	ug/l	2.6	200000	
K	39	45	He	5372.195	ug/l	3.4	500000	
Ca	40	45	H2	47016.674	ug/l	1.7	500000	
Ti	47	45	He	1117.784	ug/l	2.3	5000	
V	51	45	He	159.636	ug/l	2.4	5000	
Cr	52	45	He	117.805	ug/l	3.1	20000	
Mn	55	45	He	1131.805	ug/l	2.6	10000	
Fe	56	45	H2	95761.703	ug/l	3.3	500000	
Co	59	45	He	41.416	ug/l	1.5	2000	
Ni	60	45	He	84.722	ug/l	3.3	20000	
Cu	63	45	He	179.525	ug/l	2.8	20000	
Zn	66	45	He	642.206	ug/l	4.2	20000	
As	75	45	He	29.556	ug/l	7.1	5000	
Se	78	45	H2	4.806	ug/l	4.5	2000	
Sr	88	115	He	204.334	ug/l	1.1	5000	
Mo	95	115	He	3.412	ug/l	11.5	2000	
Ag	107	115	He	0.496	ug/l	8.4	100	
Cd	111	115	He	1.162	ug/l	17.0	5000	
Sn	118	115	He	27.177	ug/l	3.3	200	
Sb	121	115	He	1.557	ug/l	8.3	200	
Ba	137	159	He	680.154	ug/l	1.0	20000	
Tl	205	209	He	0.421	ug/l	4.3	1000	
[Pb]	206	209	He	402.099	ug/l	1.1		
[Pb]	207	209	He	386.512	ug/l	1.1		
Pb	208	209	He	391.533	ug/l	1.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3026190.89	2.6	86.0	60	125	
Sc (ISICPMS)	45	No Gas	4144972.17	2.1	85.8	60	125	
Sc (ISICPMS)	45	H2	1613166.23	1.3	80.0	60	125	
Sc (ISICPMS)	45	He	42921.09	2.8	79.8	60	125	
Ge (IS)	74	H2	317557.63	0.6	90.9	60	125	
Ge (IS)	74	He	25790.73	2.0	89.3	60	125	
Kr	83	He	33.37	45.8	66.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	74512.06	0.9	83.7	60	125	
Tb (IS)	159	He	478019.06	1.4	90.7	60	125	
Bi (IS)	209	He	410285.81	0.9	90.7	60	125	

Sample Report

File Name 055SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 11:48:32

Sample Name **460-255667-G-2-D**

Comment ---

Dilution **1.0000**

Vial # 2406

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.469	ug/l	4.4	2000	
B	11	6	No Gas	62.470	ug/l	2.5	500	
Na	23	45	He	3186.906	ug/l	0.7	500000	
Mg	24	45	He	18157.115	ug/l	0.7	500000	
Al	27	45	He	47164.120	ug/l	0.5	200000	
K	39	45	He	5283.154	ug/l	1.9	500000	
Ca	40	45	H2	42724.316	ug/l	2.1	500000	
Ti	47	45	He	1134.904	ug/l	1.5	5000	
V	51	45	He	159.482	ug/l	1.0	5000	
Cr	52	45	He	119.942	ug/l	1.3	20000	
Mn	55	45	He	1143.475	ug/l	1.9	10000	
Fe	56	45	H2	96643.138	ug/l	3.4	500000	
Co	59	45	He	42.126	ug/l	1.2	2000	
Ni	60	45	He	85.712	ug/l	0.3	20000	
Cu	63	45	He	180.524	ug/l	0.6	20000	
Zn	66	45	He	659.979	ug/l	0.7	20000	
As	75	45	He	32.973	ug/l	1.9	5000	
Se	78	45	H2	4.567	ug/l	9.0	2000	
Sr	88	115	He	174.194	ug/l	2.4	5000	
Mo	95	115	He	3.667	ug/l	4.7	2000	
Ag	107	115	He	0.494	ug/l	8.3	100	
Cd	111	115	He	1.295	ug/l	21.4	5000	
Sn	118	115	He	32.065	ug/l	4.1	200	
Sb	121	115	He	1.614	ug/l	5.8	200	
Ba	137	159	He	693.491	ug/l	1.1	20000	
Tl	205	209	He	0.495	ug/l	4.7	1000	
[Pb]	206	209	He	420.083	ug/l	0.7		
[Pb]	207	209	He	404.407	ug/l	0.9		
Pb	208	209	He	410.073	ug/l	0.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2987982.77	1.5	84.9	60	125	
Sc (ISICPMS)	45	No Gas	4078514.51	0.7	84.4	60	125	
Sc (ISICPMS)	45	H2	1641221.16	4.2	81.4	60	125	
Sc (ISICPMS)	45	He	44147.09	0.9	82.0	60	125	
Ge (IS)	74	H2	320936.38	2.3	91.8	60	125	
Ge (IS)	74	He	26088.22	3.4	90.4	60	125	
Kr	83	He	30.03	0.0	60.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	74270.33	1.3	83.4	60	125	
Tb (IS)	159	He	481386.03	0.7	91.3	60	125	
Bi (IS)	209	He	416051.30	0.7	91.9	60	125	

Sample Report

File Name 056SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 11:50:54

Sample Name **sd 460-255667-G-2-D@5**

Comment ---

Dilution **1.0000**

Vial # 2407

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.675	ug/l	8.2	2000	
B	11	6	No Gas	20.582	ug/l	2.7	500	
Na	23	45	He	737.592	ug/l	2.7	500000	
Mg	24	45	He	3816.886	ug/l	1.6	500000	
Al	27	45	He	9914.223	ug/l	0.5	200000	
K	39	45	He	1145.782	ug/l	2.3	500000	
Ca	40	45	H2	8977.931	ug/l	0.4	500000	
Ti	47	45	He	238.453	ug/l	3.5	5000	
V	51	45	He	33.965	ug/l	3.2	5000	
Cr	52	45	He	25.974	ug/l	0.7	20000	
Mn	55	45	He	244.385	ug/l	2.1	10000	
Fe	56	45	H2	20401.898	ug/l	1.5	500000	
Co	59	45	He	9.222	ug/l	1.9	2000	
Ni	60	45	He	18.053	ug/l	4.0	20000	
Cu	63	45	He	38.113	ug/l	2.1	20000	
Zn	66	45	He	139.607	ug/l	4.6	20000	
As	75	45	He	6.601	ug/l	11.6	5000	
Se	78	45	H2	0.979	ug/l	8.4	2000	
Sr	88	115	He	36.152	ug/l	2.3	5000	
Mo	95	115	He	0.707	ug/l	18.9	2000	
Ag	107	115	He	0.118	ug/l	19.9	100	
Cd	111	115	He	0.213	ug/l	34.2	5000	
Sn	118	115	He	6.279	ug/l	4.7	200	
Sb	121	159	He	0.239	ug/l	6.5	200	
Ba	137	159	He	145.463	ug/l	4.6	20000	
Tl	205	209	He	0.056	ug/l	54.0	1000	
[Pb]	206	209	He	85.186	ug/l	0.8		
[Pb]	207	209	He	81.970	ug/l	0.6		
Pb	208	209	He	83.240	ug/l	1.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3117388.36	1.5	88.6	60	125	
Sc (ISICPMS)	45	No Gas	4207787.53	1.7	87.1	60	125	
Sc (ISICPMS)	45	H2	1664686.33	0.3	82.5	60	125	
Sc (ISICPMS)	45	He	43191.99	1.0	80.3	60	125	
Ge (IS)	74	H2	327027.71	0.7	93.6	60	125	
Ge (IS)	74	He	26563.06	2.8	92.0	60	125	
Kr	83	He	33.37	45.8	66.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	75446.68	1.1	84.7	60	125	
Tb (IS)	159	He	478392.45	1.0	90.7	60	125	
Bi (IS)	209	He	420961.22	1.3	93.0	60	125	

Continuing Calibration Verification (CCV)

File Name 057_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 11:53:15

Sample Name **CCV 9767647**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	95.852	ug/l	1.1	100	90	110	
B	11	6	No Gas	250.789	ug/l	1.0	250	225	275	
Na	23	45	He	25450.153	ug/l	1.0	25000	22500	27500	
Mg	24	45	He	25052.382	ug/l	0.4	25000	22500	27500	
Al	27	45	He	24988.548	ug/l	1.7	25000	22500	27500	
K	39	45	He	24480.265	ug/l	0.3	25000	22500	27500	
Ca	40	45	H2	23948.982	ug/l	3.0	25000	22500	27500	
Ti	47	45	He	91.123	ug/l	4.4	100	90	110	
V	51	45	He	100.436	ug/l	1.5	100	90	110	
Cr	52	45	He	99.278	ug/l	1.2	100	90	110	
Mn	55	45	He	99.949	ug/l	1.5	100	90	110	
Fe	56	45	H2	24164.879	ug/l	3.0	25000	22500	27500	
Co	59	45	He	99.062	ug/l	1.6	100	90	110	
Ni	60	45	He	99.896	ug/l	2.1	100	90	110	
Cu	63	45	He	100.141	ug/l	0.6	100	90	110	
Zn	66	45	He	254.542	ug/l	3.6	250	225	275	
As	75	45	He	98.219	ug/l	2.3	100	90	110	
Se	78	45	H2	97.273	ug/l	3.7	100	90	110	
Sr	88	115	He	94.874	ug/l	1.1	100	90	110	
Mo	95	115	He	95.372	ug/l	1.4	100	90	110	
Ag	107	115	He	48.892	ug/l	3.3	50	45	55	
Cd	111	115	He	97.506	ug/l	5.3	100	90	110	
Sn	118	115	He	96.828	ug/l	2.7	100	90	110	
Sb	121	159	He	92.492	ug/l	1.6	100	90	110	
Ba	137	159	He	88.968	ug/l	3.2	100	90	110	failed
Tl	205	209	He	97.720	ug/l	1.5	100	90	110	
[Pb]	206	209	He	98.222	ug/l	1.8				
[Pb]	207	209	He	98.409	ug/l	0.8				
Pb	208	209	He	97.466	ug/l	1.2	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3032321.34	2.0	86.2	60	125	
Sc (ISICPMS)	45	No Gas	4142713.24	1.6	85.8	60	125	
Sc (ISICPMS)	45	H2	1640661.78	2.8	81.3	60	125	
Sc (ISICPMS)	45	He	42866.61	0.6	79.7	60	125	
Ge (IS)	74	H2	312120.45	2.4	89.3	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Ge (IS)	74	He	24888.07	2.0	86.2	60	125	
Kr	83	He	13.35	43.3	26.7			
In-1	115	He	76346.71	2.0	85.7	60	125	
Tb (IS)	159	He	481550.71	1.3	91.3	60	125	
Bi (IS)	209	He	413665.46	0.6	91.4	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 058_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 11:55:40

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	-0.004	ug/l	N/A	0.8	-0.8	0.8	
B	11	6	No Gas	11.432	ug/l	3.1	40	-40	40	
Na	23	45	He	69.367	ug/l	14.5	500	-500	500	
Mg	24	45	He	3.062	ug/l	24.5	200	-200	200	
Al	27	45	He	0.054	ug/l	1171.4	40	-40	40	
K	39	45	He	32.839	ug/l	33.6	200	-200	200	
Ca	40	45	H2	0.215	ug/l	297.2	500	-500	500	
Ti	47	45	He	-0.326	ug/l	N/A	4	-4	4	
V	51	45	He	-0.362	ug/l	N/A	4	-4	4	
Cr	52	45	He	0.240	ug/l	67.2	4	-4	4	
Mn	55	45	He	-0.007	ug/l	N/A	8	-8	8	
Fe	56	45	H2	1.542	ug/l	8.8	60	-60	60	
Co	59	45	He	-0.013	ug/l	N/A	4	-4	4	
Ni	60	45	He	-0.078	ug/l	N/A	4	-4	4	
Cu	63	45	He	0.143	ug/l	43.4	4	-4	4	
Zn	66	45	He	0.056	ug/l	653.3	16	-16	16	
As	75	45	He	-0.003	ug/l	N/A	2	-2	2	
Se	78	45	H2	-0.027	ug/l	N/A	2.5	-2.5	2.5	
Sr	88	115	He	0.045	ug/l	41.3	4	-4	4	
Mo	95	115	He	-0.002	ug/l	N/A	4	-4	4	
Ag	107	115	He	0.007	ug/l	53.0	2	-2	2	
Cd	111	115	He	-0.011	ug/l	N/A	2	-2	2	
Sn	118	115	He	-0.102	ug/l	N/A	16	-16	16	
Sb	121	159	He	-0.053	ug/l	N/A	2	-2	2	
Ba	137	115	He	0.000	ug/l	N/A	4	-4	4	
Tl	205	209	He	-0.056	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	-0.002	ug/l	N/A				
[Pb]	207	209	He	0.040	ug/l	41.0				
Pb	208	209	He	0.010	ug/l	146.2	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3069232.14	1.1	87.2	60	125	
Sc (ISICPMS)	45	No Gas	4078066.67	1.4	84.4	60	125	
Sc (ISICPMS)	45	H2	1670387.72	2.1	82.8	60	125	
Sc (ISICPMS)	45	He	43059.26	0.5	80.0	60	125	
Ge (IS)	74	H2	301710.14	1.9	86.3	60	125	
Ge (IS)	74	He	24400.05	2.4	84.5	60	125	
Kr	83	He	23.36	24.7	46.7			
In-1	115	He	76584.31	1.9	86.0	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Tb (IS)	159	He	476978.35	1.6	90.5	60	125	
Bi (IS)	209	He	424988.07	0.9	93.9	60	125	

Sample Report

File Name 059SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 11:58:09

Sample Name **460-255712-F-8-A**

Comment ---

Dilution **1.0000**

Vial # 4211

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.009	ug/l	N/A	2000	
B	11	6	No Gas	7.450	ug/l	2.8	500	
Na	23	45	He	682.899	ug/l	3.9	500000	
Mg	24	45	He	60.825	ug/l	6.3	500000	
Al	27	45	He	1.088	ug/l	182.2	200000	
K	39	45	He	53.549	ug/l	55.2	500000	
Ca	40	45	H2	17.988	ug/l	1.2	500000	
Ti	47	45	He	-0.329	ug/l	N/A	5000	
V	51	45	He	-0.324	ug/l	N/A	5000	
Cr	52	45	He	-0.492	ug/l	N/A	20000	
Mn	55	45	He	-0.046	ug/l	N/A	10000	
Fe	56	45	H2	0.032	ug/l	277.7	500000	
Co	59	45	He	-0.019	ug/l	N/A	2000	
Ni	60	45	He	-0.217	ug/l	N/A	20000	
Cu	63	45	He	0.059	ug/l	132.3	20000	
Zn	66	45	He	0.524	ug/l	40.5	20000	
As	75	45	He	-0.092	ug/l	N/A	5000	
Se	78	45	H2	0.086	ug/l	54.8	2000	
Sr	88	115	He	0.304	ug/l	5.2	5000	
Mo	95	115	He	0.089	ug/l	46.5	2000	
Ag	107	115	He	0.001	ug/l	622.6	100	
Cd	111	115	He	0.002	ug/l	1311.5	5000	
Sn	118	115	He	-0.392	ug/l	N/A	200	
Sb	121	159	He	-0.055	ug/l	N/A	200	
Ba	137	115	He	0.051	ug/l	173.2	20000	
Tl	205	209	He	-0.065	ug/l	N/A	1000	
[Pb]	206	209	He	-0.056	ug/l	N/A		
[Pb]	207	209	He	0.020	ug/l	113.4		
Pb	208	209	He	-0.026	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3169096.31	0.4	90.1	60	125	
Sc (ISICPMS)	45	No Gas	4266947.16	1.0	88.3	60	125	
Sc (ISICPMS)	45	H2	1688079.82	1.9	83.7	60	125	
Sc (ISICPMS)	45	He	43677.90	0.9	81.2	60	125	
Ge (IS)	74	H2	295582.45	1.7	84.6	60	125	
Ge (IS)	74	He	23694.82	0.8	82.1	60	125	
Kr	83	He	20.02	50.0	40.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	76843.45	1.2	86.3	60	125	
Tb (IS)	159	He	474686.48	0.7	90.0	60	125	
Bi (IS)	209	He	425656.98	0.8	94.1	60	125	

Sample Report

File Name 060SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 12:00:36

Sample Name **460-255585-D-11-A**

Comment ---

Dilution **1.0000**

Vial # 4212

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.000	ug/l	N/A	2000	
B	11	6	No Gas	5.979	ug/l	2.1	500	
Na	23	45	He	57.106	ug/l	10.4	500000	
Mg	24	45	He	2.598	ug/l	24.6	500000	
Al	27	45	He	-0.801	ug/l	N/A	200000	
K	39	45	He	37.013	ug/l	28.1	500000	
Ca	40	45	H2	-1.046	ug/l	N/A	500000	
Ti	47	45	He	-0.254	ug/l	N/A	5000	
V	51	45	He	-0.536	ug/l	N/A	5000	
Cr	52	45	He	-0.545	ug/l	N/A	20000	
Mn	55	45	He	0.048	ug/l	298.5	10000	
Fe	56	45	H2	0.467	ug/l	53.8	500000	
Co	59	45	He	-0.017	ug/l	N/A	2000	
Ni	60	45	He	-0.183	ug/l	N/A	20000	
Cu	63	45	He	0.057	ug/l	89.7	20000	
Zn	66	45	He	-0.031	ug/l	N/A	20000	
As	75	45	He	-0.091	ug/l	N/A	5000	
Se	78	45	H2	0.023	ug/l	326.7	2000	
Sr	88	115	He	0.012	ug/l	152.3	5000	
Mo	95	115	He	0.003	ug/l	323.5	2000	
Ag	107	115	He	0.001	ug/l	369.5	100	
Cd	111	115	He	0.002	ug/l	1247.8	5000	
Sn	118	115	He	-0.266	ug/l	N/A	200	
Sb	121	159	He	-0.057	ug/l	N/A	200	
Ba	137	115	He	0.203	ug/l	113.8	20000	
Tl	205	209	He	-0.068	ug/l	N/A	1000	
[Pb]	206	209	He	-0.012	ug/l	N/A		
[Pb]	207	209	He	-0.013	ug/l	N/A		
Pb	208	209	He	-0.020	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3116968.25	0.5	88.6	60	125	
Sc (ISICPMS)	45	No Gas	4199700.96	1.4	86.9	60	125	
Sc (ISICPMS)	45	H2	1640403.64	1.5	81.3	60	125	
Sc (ISICPMS)	45	He	43443.70	1.1	80.7	60	125	
Ge (IS)	74	H2	293178.51	1.4	83.9	60	125	
Ge (IS)	74	He	23520.92	2.6	81.5	60	125	
Kr	83	He	23.36	65.5	46.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	77053.91	1.0	86.5	60	125	
Tb (IS)	159	He	474807.87	1.3	90.1	60	125	
Bi (IS)	209	He	429372.09	0.3	94.9	60	125	

Sample Report

File Name 061SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 12:03:08

Sample Name **460-255499-G-2-B**

Comment ---

Dilution **1.0000**

Vial # 4501

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.003	ug/l	N/A	2000	
B	11	6	No Gas	168.123	ug/l	1.0	500	
Na	23	45	He	377015.698	ug/l	0.2	500000	
Mg	24	45	He	12361.541	ug/l	0.7	500000	
Al	27	45	He	5.518	ug/l	27.8	200000	
K	39	45	He	3594.151	ug/l	0.1	500000	
Ca	40	45	H2	190546.947	ug/l	2.6	500000	
Ti	47	45	He	0.054	ug/l	1337.1	5000	
V	51	45	He	0.254	ug/l	32.6	5000	
Cr	52	45	He	1.477	ug/l	11.0	20000	
Mn	55	45	He	9099.044	ug/l	0.9	10000	>LDR 200.8
Fe	56	45	H2	99.420	ug/l	2.1	500000	
Co	59	45	He	0.125	ug/l	28.6	2000	
Ni	60	45	He	1.799	ug/l	5.1	20000	
Cu	63	45	He	0.126	ug/l	60.9	20000	
Zn	66	45	He	1.118	ug/l	17.0	20000	
As	75	45	He	-0.016	ug/l	N/A	5000	
Se	78	45	H2	0.202	ug/l	26.2	2000	
Sr	88	115	He	375.736	ug/l	1.0	5000	
Mo	95	115	He	0.478	ug/l	17.5	2000	
Ag	107	115	He	0.003	ug/l	272.0	100	
Cd	111	115	He	0.015	ug/l	293.9	5000	
Sn	118	115	He	-0.240	ug/l	N/A	200	
Sb	121	159	He	0.006	ug/l	431.7	200	
Ba	137	115	He	1922.725	ug/l	1.4	20000	
Tl	205	209	He	-0.066	ug/l	N/A	1000	
[Pb]	206	209	He	0.418	ug/l	7.9		
[Pb]	207	209	He	0.365	ug/l	10.9		
Pb	208	209	He	0.379	ug/l	3.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2953640.16	1.0	84.0	60	125	
Sc (ISICPMS)	45	No Gas	4067915.01	1.8	84.2	60	125	
Sc (ISICPMS)	45	H2	1574239.30	1.8	78.0	60	125	
Sc (ISICPMS)	45	He	42191.00	0.4	78.4	60	125	
Ge (IS)	74	H2	310792.17	1.2	88.9	60	125	
Ge (IS)	74	He	25202.34	1.3	87.3	60	125	
Kr	83	He	20.02	50.0	40.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	72623.79	0.3	81.5	60	125	
Tb (IS)	159	He	465604.58	0.8	88.3	60	125	
Bi (IS)	209	He	402543.22	0.5	89.0	60	125	

Sample Report

File Name 062SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 12:05:39

Sample Name **460-255223-A-1-A**

Comment ---

Dilution **1.0000**

Vial # 4502

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.702	ug/l	6.3	2000	
B	11	6	No Gas	138.869	ug/l	1.6	500	
Na	23	45	He	18333.359	ug/l	0.8	500000	
Mg	24	45	He	9278.149	ug/l	0.5	500000	
Al	27	45	He	98.406	ug/l	8.2	200000	
K	39	45	He	1718.547	ug/l	1.2	500000	
Ca	40	45	H2	6293.367	ug/l	1.7	500000	
Ti	47	45	He	0.360	ug/l	70.7	5000	
V	51	45	He	0.710	ug/l	22.5	5000	
Cr	52	45	He	1.225	ug/l	23.8	20000	
Mn	55	45	He	1619.417	ug/l	0.3	10000	
Fe	56	45	H2	46509.780	ug/l	0.7	500000	
Co	59	45	He	17.030	ug/l	0.4	2000	
Ni	60	45	He	20.934	ug/l	2.0	20000	
Cu	63	45	He	9.950	ug/l	3.2	20000	
Zn	66	45	He	25.242	ug/l	2.7	20000	
As	75	45	He	4169.724	ug/l	0.3	5000	
Se	78	45	H2	0.126	ug/l	93.2	2000	
Sr	88	115	He	48.850	ug/l	6.7	5000	
Mo	95	115	He	0.045	ug/l	91.6	2000	
Ag	107	115	He	0.001	ug/l	148.5	100	
Cd	111	115	He	0.889	ug/l	23.5	5000	
Sn	118	115	He	0.023	ug/l	744.6	200	
Sb	121	159	He	-0.050	ug/l	N/A	200	
Ba	137	115	He	132.377	ug/l	3.5	20000	
Tl	205	209	He	-0.037	ug/l	N/A	1000	
[Pb]	206	209	He	2.713	ug/l	5.8		
[Pb]	207	209	He	2.694	ug/l	3.3		
Pb	208	209	He	2.652	ug/l	1.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3019140.48	3.9	85.8	60	125	
Sc (ISICPMS)	45	No Gas	4048647.23	3.3	83.8	60	125	
Sc (ISICPMS)	45	H2	1629854.33	0.8	80.8	60	125	
Sc (ISICPMS)	45	He	41926.91	0.9	77.9	60	125	
Ge (IS)	74	H2	319542.81	0.6	91.4	60	125	
Ge (IS)	74	He	25790.74	0.3	89.3	60	125	
Kr	83	He	33.37	17.3	66.7			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	74185.13	0.2	83.3	60	125	
Tb (IS)	159	He	463275.28	0.6	87.9	60	125	
Bi (IS)	209	He	418192.62	0.7	92.4	60	125	

Sample Report

File Name 063SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 12:08:07

Sample Name **460-255223-A-2-A**

Comment ---

Dilution **1.0000**

Vial # 4503

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.053	ug/l	49.4	2000	
B	11	6	No Gas	36.867	ug/l	1.7	500	
Na	23	45	He	11304.005	ug/l	1.7	500000	
Mg	24	45	He	19236.205	ug/l	1.1	500000	
Al	27	45	He	65.632	ug/l	7.9	200000	
K	39	45	He	4209.322	ug/l	1.0	500000	
Ca	40	45	H2	14134.638	ug/l	0.9	500000	
Ti	47	45	He	0.061	ug/l	784.6	5000	
V	51	45	He	-0.406	ug/l	N/A	5000	
Cr	52	45	He	-0.239	ug/l	N/A	20000	
Mn	55	45	He	968.952	ug/l	1.6	10000	
Fe	56	45	H2	20282.350	ug/l	1.0	500000	
Co	59	45	He	0.308	ug/l	17.3	2000	
Ni	60	45	He	0.868	ug/l	18.5	20000	
Cu	63	45	He	0.709	ug/l	14.3	20000	
Zn	66	45	He	2.282	ug/l	6.6	20000	
As	75	45	He	19.991	ug/l	2.8	5000	
Se	78	45	H2	0.043	ug/l	2.5	2000	
Sr	88	115	He	92.593	ug/l	1.8	5000	
Mo	95	115	He	0.107	ug/l	50.0	2000	
Ag	107	115	He	0.000	ug/l	1953.7	100	
Cd	111	115	He	0.015	ug/l	149.4	5000	
Sn	118	115	He	4.209	ug/l	2.8	200	
Sb	121	159	He	-0.019	ug/l	N/A	200	
Ba	137	115	He	371.577	ug/l	2.6	20000	
Tl	205	209	He	-0.068	ug/l	N/A	1000	
[Pb]	206	209	He	0.098	ug/l	29.6		
[Pb]	207	209	He	0.166	ug/l	21.8		
Pb	208	209	He	0.132	ug/l	27.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2998877.35	1.4	85.2	60	125	
Sc (ISICPMS)	45	No Gas	4020263.66	1.9	83.2	60	125	
Sc (ISICPMS)	45	H2	1609415.53	1.0	79.8	60	125	
Sc (ISICPMS)	45	He	41972.62	1.2	78.0	60	125	
Ge (IS)	74	H2	323068.14	1.0	92.4	60	125	
Ge (IS)	74	He	25322.65	1.8	87.7	60	125	
Kr	83	He	16.68	124.9	33.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	74473.47	0.2	83.6	60	125	
Tb (IS)	159	He	469474.57	0.6	89.1	60	125	
Bi (IS)	209	He	414149.11	1.3	91.5	60	125	

Sample Report

File Name 064SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 12:14:57

Sample Name **460-255223-A-3-A**

Comment ---

Dilution **1.0000**

Vial # 4504

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.052	ug/l	22.1	2000	
B	11	6	No Gas	123.354	ug/l	4.5	500	
Na	23	45	He	19125.380	ug/l	1.3	500000	
Mg	24	45	He	17514.401	ug/l	2.5	500000	
Al	27	45	He	12.847	ug/l	22.5	200000	
K	39	45	He	1574.054	ug/l	3.3	500000	
Ca	40	45	H2	12491.727	ug/l	1.0	500000	
Ti	47	45	He	0.434	ug/l	56.5	5000	
V	51	45	He	-0.547	ug/l	N/A	5000	
Cr	52	45	He	-0.291	ug/l	N/A	20000	
Mn	55	45	He	2124.749	ug/l	1.8	10000	
Fe	56	45	H2	37048.868	ug/l	2.3	500000	
Co	59	45	He	9.842	ug/l	2.8	2000	
Ni	60	45	He	8.882	ug/l	7.0	20000	
Cu	63	45	He	0.414	ug/l	9.6	20000	
Zn	66	45	He	8.574	ug/l	4.1	20000	
As	75	45	He	6.096	ug/l	5.2	5000	
Se	78	45	H2	0.063	ug/l	193.6	2000	
Sr	88	115	He	77.519	ug/l	0.9	5000	
Mo	95	115	He	0.041	ug/l	22.2	2000	
Ag	107	115	He	0.003	ug/l	76.3	100	
Cd	111	115	He	0.002	ug/l	1006.4	5000	
Sn	118	115	He	0.171	ug/l	89.6	200	
Sb	121	159	He	-0.020	ug/l	N/A	200	
Ba	137	115	He	79.834	ug/l	5.6	20000	
Tl	205	209	He	-0.065	ug/l	N/A	1000	
[Pb]	206	209	He	0.121	ug/l	28.1		
[Pb]	207	209	He	0.104	ug/l	48.7		
Pb	208	209	He	0.123	ug/l	7.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2985473.12	2.9	84.9	60	125	
Sc (ISICPMS)	45	No Gas	4025596.91	1.2	83.3	60	125	
Sc (ISICPMS)	45	H2	1569635.15	1.6	77.8	60	125	
Sc (ISICPMS)	45	He	42239.05	2.2	78.5	60	125	
Ge (IS)	74	H2	314086.78	0.6	89.9	60	125	
Ge (IS)	74	He	26282.10	0.8	91.0	60	125	
Kr	83	He	6.67	86.6	13.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	73424.82	0.7	82.4	60	125	
Tb (IS)	159	He	461069.43	0.8	87.5	60	125	
Bi (IS)	209	He	414204.19	0.5	91.5	60	125	

Sample Report

File Name 065SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 12:17:29

Sample Name **460-255314-C-1-I**

Comment ---

Dilution **1.0000**

Vial # 2112

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	5.259	ug/l	2.8	2000	
B	11	6	No Gas	29.957	ug/l	1.5	500	
Na	23	45	He	2780.855	ug/l	1.8	500000	
Mg	24	45	He	181178.248	ug/l	0.8	500000	
Al	27	45	He	73179.915	ug/l	1.0	200000	
K	39	45	He	11133.721	ug/l	0.9	500000	
Ca	40	45	H2	262251.782	ug/l	4.0	500000	
Ti	47	45	He	3747.601	ug/l	0.6	5000	
V	51	45	He	229.308	ug/l	1.7	5000	
Cr	52	45	He	154.443	ug/l	0.2	20000	
Mn	55	45	He	2818.357	ug/l	0.7	10000	
Fe	56	45	H2	175362.201	ug/l	4.7	500000	
Co	59	45	He	59.173	ug/l	0.8	2000	
Ni	60	45	He	177.208	ug/l	0.6	20000	
Cu	63	45	He	266.213	ug/l	0.4	20000	
Zn	66	45	He	484.135	ug/l	0.7	20000	
As	75	45	He	33.283	ug/l	1.2	5000	
Se	78	45	H2	0.630	ug/l	39.9	2000	
Sr	88	115	He	266.067	ug/l	1.0	5000	
Mo	95	115	He	4.910	ug/l	0.6	2000	
Ag	107	115	He	0.476	ug/l	8.0	100	
Cd	111	115	He	1.674	ug/l	19.2	5000	
Sn	118	115	He	8.895	ug/l	2.7	200	
Sb	121	159	He	0.533	ug/l	9.7	200	
Ba	137	115	He	217.092	ug/l	3.9	20000	
Tl	205	209	He	0.782	ug/l	9.9	1000	
[Pb]	206	209	He	74.229	ug/l	1.1		
[Pb]	207	209	He	66.729	ug/l	0.9		
Pb	208	209	He	72.282	ug/l	1.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2839334.85	1.8	80.7	60	125	
Sc (ISICPMS)	45	No Gas	4004551.47	1.9	82.9	60	125	
Sc (ISICPMS)	45	H2	1642053.05	4.2	81.4	60	125	
Sc (ISICPMS)	45	He	42895.52	0.7	79.7	60	125	
Ge (IS)	74	H2	301605.65	0.8	86.3	60	125	
Ge (IS)	74	He	24831.30	3.0	86.0	60	125	
Kr	83	He	76.74	19.9	153.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	71416.06	0.1	80.2	60	125	
Tb (IS)	159	He	464852.54	0.8	88.2	60	125	
Bi (IS)	209	He	396418.05	1.1	87.6	60	125	

Sample Report

File Name 066SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 12:19:57

Sample Name **460-255314-C-3-G**

Comment ---

Dilution **1.0000**

Vial # 2201

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.242	ug/l	6.5	2000	
B	11	6	No Gas	39.257	ug/l	1.8	500	
Na	23	45	He	3352.254	ug/l	0.8	500000	
Mg	24	45	He	31698.988	ug/l	0.6	500000	
Al	27	45	He	57131.641	ug/l	0.8	200000	
K	39	45	He	5906.257	ug/l	1.0	500000	
Ca	40	45	H2	30494.396	ug/l	1.0	500000	
Ti	47	45	He	1610.822	ug/l	3.1	5000	
V	51	45	He	189.363	ug/l	2.4	5000	
Cr	52	45	He	180.791	ug/l	1.1	20000	
Mn	55	45	He	2307.086	ug/l	1.2	10000	
Fe	56	45	H2	142956.657	ug/l	1.2	500000	
Co	59	45	He	77.562	ug/l	1.3	2000	
Ni	60	45	He	795.331	ug/l	1.5	20000	
Cu	63	45	He	1954.297	ug/l	0.3	20000	
Zn	66	45	He	699.850	ug/l	0.5	20000	
As	75	45	He	51.697	ug/l	5.7	5000	
Se	78	45	H2	1.220	ug/l	10.3	2000	
Sr	88	115	He	187.626	ug/l	3.2	5000	
Mo	95	115	He	15.451	ug/l	2.8	2000	
Ag	107	115	He	0.412	ug/l	15.4	100	
Cd	111	115	He	8.936	ug/l	11.0	5000	
Sn	118	115	He	9.385	ug/l	9.8	200	
Sb	121	159	He	2.172	ug/l	5.3	200	
Ba	137	115	He	244.202	ug/l	4.4	20000	
Tl	205	209	He	0.386	ug/l	6.2	1000	
[Pb]	206	209	He	59.177	ug/l	0.2		
[Pb]	207	209	He	53.586	ug/l	1.4		
Pb	208	209	He	57.004	ug/l	0.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2972823.95	3.1	84.5	60	125	
Sc (ISICPMS)	45	No Gas	4095075.45	1.4	84.8	60	125	
Sc (ISICPMS)	45	H2	1649066.80	2.1	81.7	60	125	
Sc (ISICPMS)	45	He	43521.79	0.7	80.9	60	125	
Ge (IS)	74	H2	319381.39	1.1	91.4	60	125	
Ge (IS)	74	He	25894.35	1.2	89.7	60	125	
Kr	83	He	50.05	40.0	100.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	74002.96	1.5	83.1	60	125	
Tb (IS)	159	He	475393.71	0.5	90.2	60	125	
Bi (IS)	209	He	412750.49	0.7	91.2	60	125	

Sample Report

File Name 067SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 12:22:26

Sample Name **460-255026-A-1-V@2**

Comment ---

Dilution **1.0000**

Vial # 2108

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	2.488	ug/l	1.7	2000	
B	11	6	No Gas	23.584	ug/l	4.4	500	
Na	23	45	He	3967.922	ug/l	1.4	500000	
Mg	24	45	He	60467.361	ug/l	0.5	500000	
Al	27	45	He	15468.455	ug/l	1.7	200000	
K	39	45	He	2944.159	ug/l	1.9	500000	
Ca	40	45	H2	175614.995	ug/l	1.6	500000	
Ti	47	45	He	360.090	ug/l	2.6	5000	
V	51	45	He	162.950	ug/l	3.3	5000	
Cr	52	45	He	74.558	ug/l	2.1	20000	
Mn	55	45	He	5275.945	ug/l	2.8	10000	
Fe	56	45	H2	68956.074	ug/l	1.0	500000	
Co	59	45	He	24.618	ug/l	2.4	2000	
Ni	60	45	He	81.658	ug/l	3.2	20000	
Cu	63	45	He	232.135	ug/l	2.2	20000	
Zn	66	45	He	421.546	ug/l	2.8	20000	
As	75	45	He	13.176	ug/l	7.5	5000	
Se	78	45	H2	0.544	ug/l	33.0	2000	
Sr	88	115	He	969.025	ug/l	2.4	5000	
Mo	95	115	He	6.547	ug/l	2.5	2000	
Ag	107	115	He	0.294	ug/l	15.1	100	
Cd	111	115	He	1.776	ug/l	12.2	5000	
Sn	118	115	He	8.989	ug/l	8.7	200	
Sb	121	159	He	2.960	ug/l	5.3	200	
Ba	137	115	He	179.785	ug/l	2.1	20000	
Tl	205	209	He	0.103	ug/l	9.2	1000	
[Pb]	206	209	He	75.699	ug/l	2.3		
[Pb]	207	209	He	73.703	ug/l	0.9		
Pb	208	209	He	74.205	ug/l	1.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3001222.11	1.6	85.3	60	125	
Sc (ISICPMS)	45	No Gas	4307948.63	0.9	89.2	60	125	
Sc (ISICPMS)	45	H2	1687965.08	1.3	83.7	60	125	
Sc (ISICPMS)	45	He	44517.30	1.9	82.7	60	125	
Ge (IS)	74	H2	314975.58	1.3	90.1	60	125	
Ge (IS)	74	He	25082.13	1.2	86.9	60	125	
Kr	83	He	30.03	120.2	60.0			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	74653.96	0.9	83.8	60	125	
Tb (IS)	159	He	470896.31	2.0	89.3	60	125	
Bi (IS)	209	He	409389.72	0.2	90.5	60	125	

Sample Report

File Name 068SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 12:24:53

Sample Name **pds 460-255037-A-1-A**

Comment ---

Dilution **1.0000**

Vial # 2103

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	27.247	ug/l	3.1	2000	
B	11	6	No Gas	451.952	ug/l	2.9	500	
Na	23	45	He	2596.300	ug/l	1.0	500000	
Mg	24	45	He	3903.103	ug/l	0.8	500000	
Al	27	45	He	116458.373	ug/l	1.4	200000	
K	39	45	He	4692.015	ug/l	3.2	500000	
Ca	40	45	H2	6094.784	ug/l	1.3	500000	
Ti	47	45	He	991.619	ug/l	1.7	5000	
V	51	45	He	262.236	ug/l	1.3	5000	
Cr	52	45	He	92.027	ug/l	1.1	20000	
Mn	55	45	He	2426.671	ug/l	2.0	10000	
Fe	56	45	H2	215313.386	ug/l	2.1	500000	
Co	59	45	He	78.095	ug/l	1.3	2000	
Ni	60	45	He	120.922	ug/l	1.2	20000	
Cu	63	45	He	103.022	ug/l	0.7	20000	
Zn	66	45	He	400.495	ug/l	1.3	20000	
As	75	45	He	70.824	ug/l	1.8	5000	
Se	78	45	H2	46.046	ug/l	5.4	2000	
Sr	88	115	He	155.122	ug/l	1.1	5000	
Mo	95	115	He	49.338	ug/l	1.0	2000	
Ag	107	115	He	23.099	ug/l	2.2	100	
Cd	111	115	He	23.941	ug/l	5.2	5000	
Sn	118	115	He	49.727	ug/l	1.7	200	
Sb	121	159	He	22.987	ug/l	2.2	200	
Ba	137	115	He	887.888	ug/l	0.7	20000	
Tl	205	209	He	19.455	ug/l	2.3	1000	
[Pb]	206	209	He	58.956	ug/l	1.3		
[Pb]	207	209	He	59.634	ug/l	3.9		
Pb	208	209	He	58.815	ug/l	2.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	3041301.73	3.7	86.4	60	125	
Sc (ISICPMS)	45	No Gas	4188005.31	2.8	86.7	60	125	
Sc (ISICPMS)	45	H2	1649913.05	1.4	81.8	60	125	
Sc (ISICPMS)	45	He	44289.83	1.4	82.3	60	125	
Ge (IS)	74	H2	318232.24	2.7	91.1	60	125	
Ge (IS)	74	He	25710.37	2.5	89.1	60	125	
Kr	83	He	46.71	32.7	93.3			

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
In-1	115	He	74497.00	0.4	83.6	60	125	
Tb (IS)	159	He	481245.42	0.6	91.3	60	125	
Bi (IS)	209	He	413748.34	1.3	91.4	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 071_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM041122.b

Acq Time 2022-04-11 12:32:17

Sample Name **CCB**

Comment ---

Dilution 1.0000

Analyte Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	-0.006	ug/l	N/A	0.8	-0.8	0.8	
B	11	6	No Gas	5.400	ug/l	5.9	40	-40	40	
Na	23	45	He	24.920	ug/l	11.9	500	-500	500	
Mg	24	45	He	1.505	ug/l	39.0	200	-200	200	
Al	27	45	He	-0.050	ug/l	N/A	40	-40	40	
K	39	45	He	26.849	ug/l	59.4	200	-200	200	
Ca	40	45	H2	0.935	ug/l	41.1	500	-500	500	
Ti	47	45	He	-0.326	ug/l	N/A	4	-4	4	
V	51	45	He	-0.388	ug/l	N/A	4	-4	4	
Cr	52	45	He	0.121	ug/l	165.9	4	-4	4	
Mn	55	45	He	0.043	ug/l	101.2	8	-8	8	
Fe	56	45	H2	1.422	ug/l	2.6	60	-60	60	
Co	59	45	He	-0.013	ug/l	N/A	4	-4	4	
Ni	60	45	He	-0.071	ug/l	N/A	4	-4	4	
Cu	63	45	He	0.028	ug/l	191.9	4	-4	4	
Zn	66	45	He	-0.068	ug/l	N/A	16	-16	16	
As	75	45	He	-0.036	ug/l	N/A	2	-2	2	
Se	78	45	H2	0.024	ug/l	317.9	2.5	-2.5	2.5	
Sr	88	115	He	0.079	ug/l	63.7	4	-4	4	
Mo	95	115	He	-0.002	ug/l	N/A	4	-4	4	
Ag	107	115	He	-0.002	ug/l	N/A	2	-2	2	
Cd	111	115	He	-0.011	ug/l	N/A	2	-2	2	
Sn	118	115	He	-0.048	ug/l	N/A	16	-16	16	
Sb	121	159	He	-0.027	ug/l	N/A	2	-2	2	
Ba	137	115	He	0.052	ug/l	173.2	4	-4	4	
Tl	205	209	He	-0.065	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	-0.071	ug/l	N/A				
[Pb]	207	209	He	-0.044	ug/l	N/A				
Pb	208	209	He	-0.051	ug/l	N/A	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	3099751.76	0.7	88.1	60	125	
Sc (ISICPMS)	45	No Gas	4099853.93	0.6	84.9	60	125	
Sc (ISICPMS)	45	H2	1647037.27	1.1	81.6	60	125	
Sc (ISICPMS)	45	He	42615.73	1.0	79.2	60	125	
Ge (IS)	74	H2	301398.08	0.7	86.2	60	125	
Ge (IS)	74	He	24136.07	2.3	83.6	60	125	
Kr	83	He	23.36	49.5	46.7			
In-1	115	He	74899.08	0.7	84.1	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Tb (IS)	159	He	469457.98	0.7	89.0	60	125	
Bi (IS)	209	He	419156.41	1.0	92.6	60	125	

US EPA Tune Check Report

Operator Name	ediicpms4
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\NM041122.b
Acq. Date-Time	2022-04-11 09:11:25
Report Comment	EPA TUNE REPORT
Instrument Name	G8421A SG18143095

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9	10.00	2018	20179.24	0.00		0.975	5.000
24	10.00	6728	67282.18	0.00		0.715	5.000
25	10.00	924	9237.87	0.00		1.149	5.000
26	10.00	1059	10592.59	0.00		1.050	5.000
59	10.00	11084	110843.21	0.00		1.893	5.000
115	10.00	16579	165793.65	0.00		1.532	5.000
206	10.00	4994	49943.00	0.00		1.616	5.000
207	10.00	4371	43709.57	0.00		1.991	5.000
208	10.00	10527	105265.57	0.00		2.021	5.000

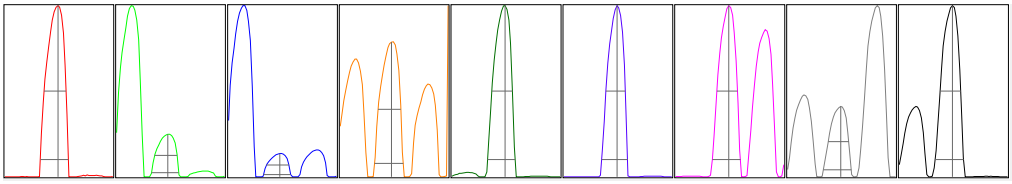
Mass	RSD% (Flag)
9	
24	
25	
26	
59	
115	
206	
207	
208	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	2030	2020	2043	2000	1997
24	6682	6745	6706	6704	6804
25	917	912	921	936	934
26	1046	1057	1053	1075	1065
59	10803	11024	11345	11230	11019
115	16576	16960	16630	16268	16463
206	4981	4969	4880	5056	5086
207	4314	4305	4304	4471	4462
208	10344	10313	10537	10837	10601

Integration Time [sec] 0.1

Resolution/Axis

US EPA Tune Check Report



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	3547.05	9.00	8.90 - 9.10	
24	11785.46	23.95	23.90 - 24.10	
25	1602.58	24.95	24.90 - 25.10	
26	1836.37	25.95	25.90 - 26.10	
59	20602.60	59.00	58.90 - 59.10	
115	32754.76	115.00	114.90 - 115.10	
206	9272.19	206.00	205.90 - 206.10	
207	7974.56	207.00	206.90 - 207.10	
208	19360.52	208.00	207.90 - 208.10	

Mass	W-50%	W-10%	W-10% (Required)	W-10% (Flag)
9	0.60	0.767	0.900	
24	0.61	0.740	0.900	
25	0.62	0.739	0.900	
26	0.62	0.788	0.900	
59	0.56	0.751	0.900	
115	0.53	0.706	0.900	
206	0.56	0.770	0.900	
207	0.56	0.759	0.900	
208	0.56	0.780	0.900	

Integration Time [sec]	0.1
Acquisition Time [sec]	198.999999999998
Y Axis	Linear

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.59 L/min	Dilution Gas	0.34 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.4 V	Deflect	11.0 V
Extract 2	-200.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-90 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V

US EPA Tune Check Report

He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	0.0 mL/min	OctP RF	200 V		

QP Parameters

Mass Gain	129	Axis Gain	0.9940	QP Bias	-3.0 V
Mass Offset	124	Axis Offset	-0.03		

Hardware Settings

Torch

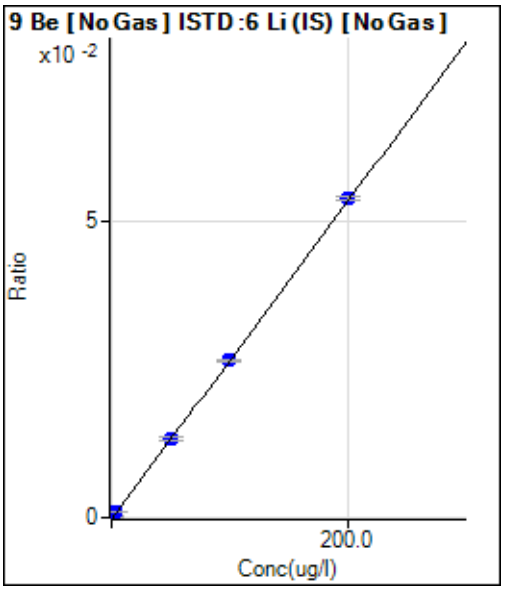
Torch H	1.3 mm	Torch V	-1.3 mm		

EM

Discriminator	3.5 mV	Analog HV	2173 V	Pulse HV	1242 V

Batch Folder: D:\Agilent\ICPMH\1\DATA\NM041122.b\
Analysis File: NM041122.batch.bin
DA Date-Time: 2022-04-11 10:55:42
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

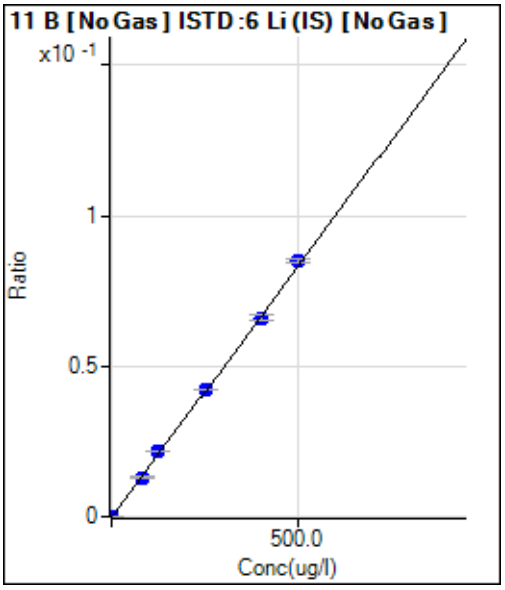
Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	IC CAL-Blk	2022-04-11 09:25:57
2	005CALS.d	IC CAL1 9767629	2022-04-11 09:28:27
3	006CALS.d	IC CAL2 9767631	2022-04-11 09:30:55
4	007CALS.d	IC CAL3 9767645	2022-04-11 09:33:21
5	008CALS.d	IC CAL4 9767647	2022-04-11 09:35:48
6	009CALS.d	IC CAL5 97676733	2022-04-11 09:38:15



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	34.45	0.0000	P	18.0	
2	☐	0.800	0.826	811.14	0.0002	P	5.5	3.3
3	☐	4.000	3.963	3754.96	0.0011	P	1.3	-0.9
4	☐	50.000	49.073	46182.75	0.0132	P	4.7	-1.9
5	☐	100.000	98.646	91941.85	0.0265	P	1.7	-1.4
6	☐	200.000	200.909	188127.11	0.0541	P	0.8	0.5

y = 2.6899E-004 * x + 9.7634E-006
R = 1.0000
DL = 0.01959 ug/l
BEC = 0.0363 ug/l

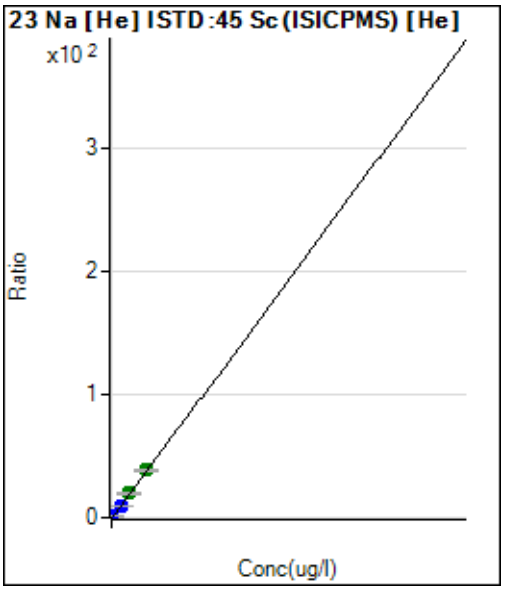
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	876.70	0.0002	P	5.1	
2	☐	80.000	76.386	45697.26	0.0131	P	1.8	-4.5
3	☐	400.000	392.382	230799.07	0.0661	P	2.1	-1.9
4	☐	125.000	128.003	75999.85	0.0217	P	2.4	2.4
5	☐	250.000	250.756	146708.01	0.0424	P	0.5	0.3
6	☐	500.000	505.544	296314.99	0.0851	P	1.8	1.1

y = 1.6790E-004 * x + 2.4932E-004
R = 0.9997
DL = 0.2278 ug/l
BEC = 1.485 ug/l

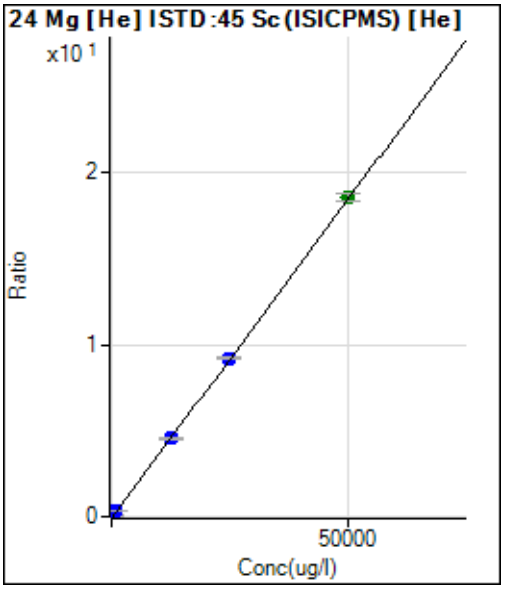
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	17474.30	0.3247	P	1.1	
2	☐	200.000	202.211	25649.10	0.4793	P	1.1	1.1
3	☐	1000.000	992.907	58835.24	1.0834	P	1.7	-0.7
4	☐	12500.00	12361.75	526558.55	9.7707	P	1.2	-1.1
5	☐	25000.00	25123.18	1029682.66	19.522	A	0.7	0.5
6	☐	50000.00	49973.10	2042716.45	38.510	A	4.0	-0.1

y = 7.6413E-004 * x + 0.3247
R = 1.0000
DL = 13.56 ug/l
BEC = 425 ug/l

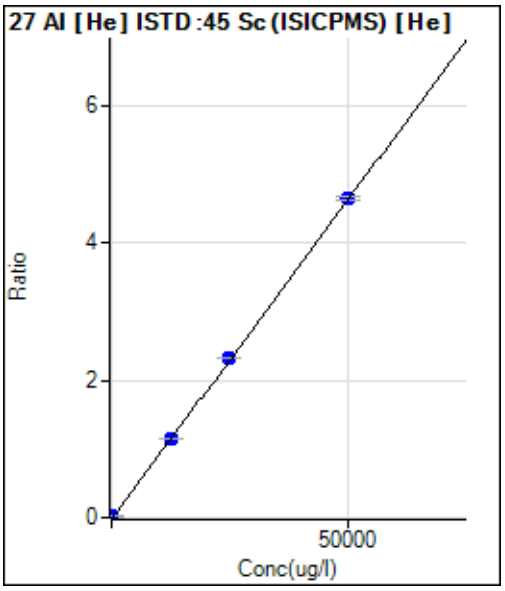
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	50.00	0.0009	P	6.5	
2	☐	200.000	202.859	4076.17	0.0762	P	1.6	1.4
3	☐	1000.000	996.868	20123.45	0.3707	P	4.0	-0.3
4	☐	12500.00	12264.51	245192.71	4.5498	P	1.4	-1.9
5	☐	25000.00	24875.23	486673.24	9.2271	P	0.8	-0.5
6	☐	50000.00	50121.30	986049.67	18.590	A	1.9	0.2

y = 3.7090E-004 * x + 9.2914E-004
R = 1.0000
DL = 0.4894 ug/l
BEC = 2.505 ug/l

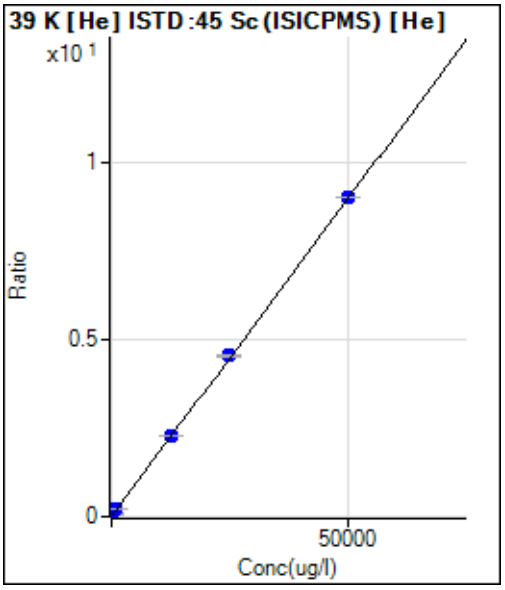
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	17.78	0.0003	P	14.5	
2	☐	40.000	43.031	231.67	0.0043	P	1.6	7.6
3	☐	200.000	196.335	1008.93	0.0186	P	1.4	-1.8
4	☐	12500.00	12328.26	61758.70	1.1459	P	0.6	-1.4
5	☐	25000.00	25026.20	122677.91	2.3259	P	0.6	0.1
6	☐	50000.00	50029.84	246653.81	4.6494	P	0.6	0.1

y = 9.2925E-005 * x + 3.3043E-004
R = 1.0000
DL = 1.551 ug/l
BEC = 3.556 ug/l

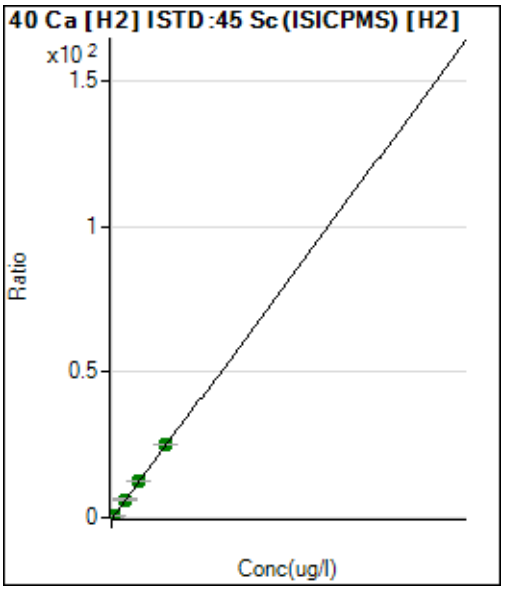
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2970.34	0.0552	P	8.0	
2	☐	200.000	206.660	4943.14	0.0923	P	4.0	3.3
3	☐	1000.000	1025.640	13003.95	0.2395	P	3.2	2.6
4	☐	12500.00	12388.53	122911.39	2.2808	P	1.6	-0.9
5	☐	25000.00	25061.10	240379.88	4.5574	P	1.4	0.2
6	☐	50000.00	49996.77	479409.27	9.0371	P	0.2	0.0

y = 1.7965E-004 * x + 0.0552
R = 1.0000
DL = 73.65 ug/l
BEC = 307.3 ug/l

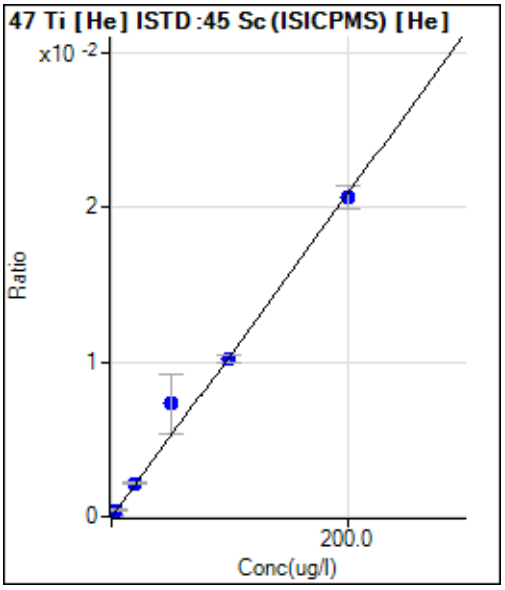
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	26603.33	0.0132	P	0.7	
2	☐	200.000	196.913	224522.53	0.1118	P	2.5	-1.5
3	☐	1000.000	1007.156	1062279.69	0.5178	A	2.4	0.7
4	☐	12500.00	12407.86	12576270.65	6.2298	A	2.4	-0.7
5	☐	25000.00	24973.17	24854722.96	12.525	A	0.6	-0.1
6	☐	50000.00	50036.31	49295617.04	25.082	A	2.2	0.1

y = 5.0102E-004 * x + 0.0132
R = 1.0000
DL = 0.5918 ug/l
BEC = 26.32 ug/l

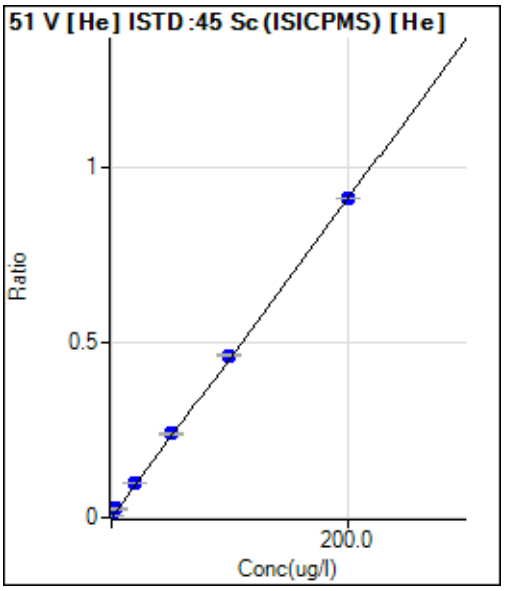
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2.67	0.0000	P	57.5	
2	☐	4.000	3.334	21.33	0.0004	P	21.4	-16.6
3	☐	20.000	20.274	118.01	0.0022	P	8.8	1.4
4	☐	50.000	69.019	391.14	0.0073	P	54.6	38.0
5	☐	100.000	97.091	538.40	0.0102	P	4.8	-2.9
6	☐	200.000	196.686	1094.18	0.0206	P	6.9	-1.7

y = 1.0462E-004 * x + 4.9595E-005
R = 0.9941
DL = 0.8178 ug/l
BEC = 0.474 ug/l

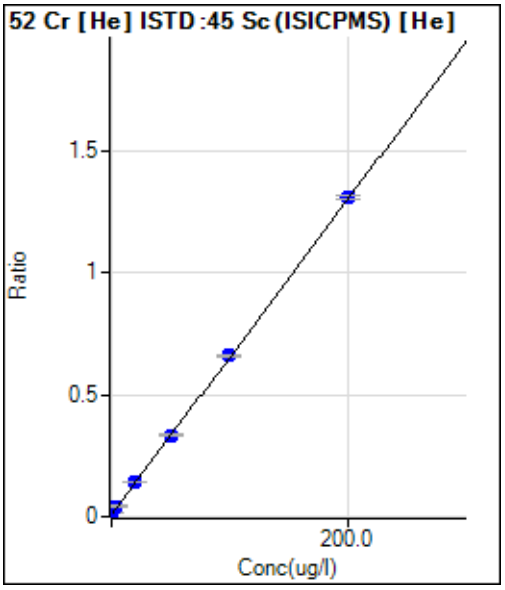
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	277.78	0.0052	P	6.6	
2	☐	4.000	4.333	1334.52	0.0249	P	5.3	8.3
3	☐	20.000	20.626	5393.32	0.0993	P	3.8	3.1
4	☐	50.000	51.408	12923.91	0.2398	P	1.2	2.8
5	☐	100.000	100.783	24534.22	0.4652	P	1.6	0.8
6	☐	200.000	199.187	48504.36	0.9143	P	0.4	-0.4

y = 0.0046 * x + 0.0052
R = 1.0000
DL = 0.224 ug/l
BEC = 1.131 ug/l

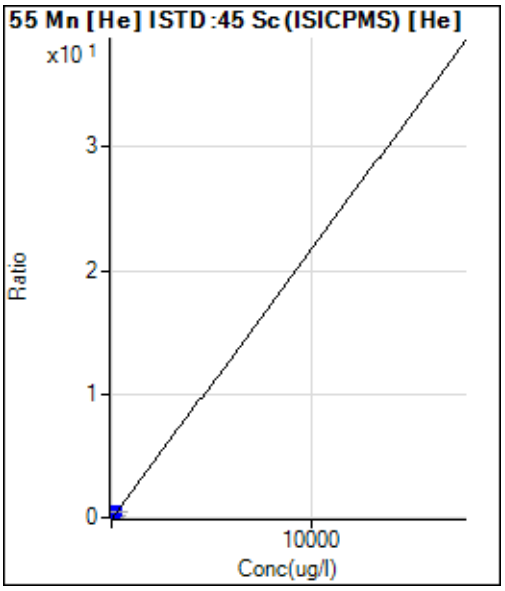
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	840.03	0.0156	P	3.8	
2	☐	4.000	4.116	2256.87	0.0422	P	7.2	2.9
3	☐	20.000	19.909	7830.05	0.1442	P	0.5	-0.5
4	☐	50.000	49.052	17909.50	0.3323	P	2.0	-1.9
5	☐	100.000	99.811	34815.30	0.6601	P	1.1	-0.2
6	☐	200.000	200.338	69445.07	1.3092	P	1.1	0.2

y = 0.0065 * x + 0.0156
R = 1.0000
DL = 0.2726 ug/l
BEC = 2.418 ug/l

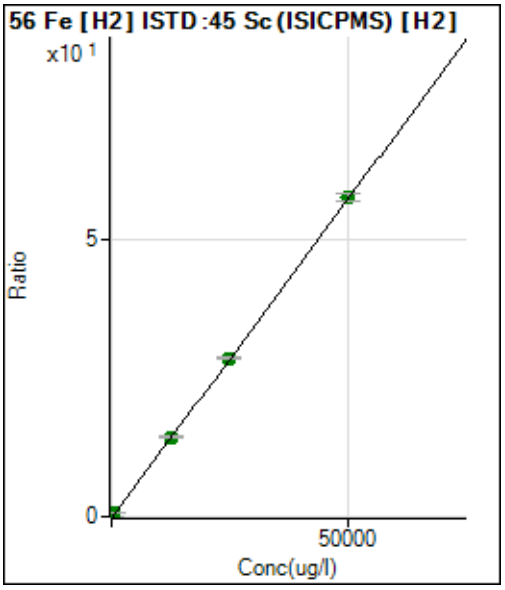
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	30.00	0.0006	P	40.2	
2	☐	8.000	8.403	1016.71	0.0190	P	8.2	5.0
3	☐	40.000	41.186	4936.48	0.0909	P	5.8	3.0
4	☐	50.000	50.746	6029.15	0.1119	P	3.9	1.5
5	☐	100.000	101.952	11826.27	0.2242	P	0.4	2.0
6	☐	200.000	198.584	23137.42	0.4362	P	2.2	-0.7

y = 0.0022 * x + 5.5787E-004
R = 0.9999
DL = 0.3064 ug/l
BEC = 0.2543 ug/l

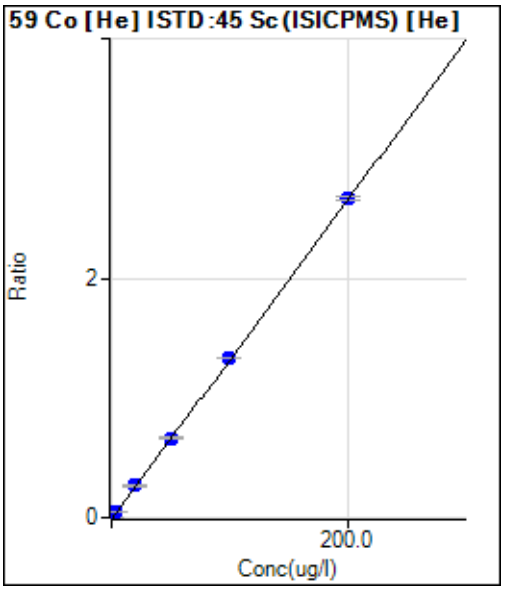
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	21865.32	0.0108	P	1.1	
2	☐	120.000	119.307	296846.74	0.1479	P	2.9	-0.6
3	☐	600.000	602.019	1440867.60	0.7024	A	2.8	0.3
4	☐	12500.00	12463.37	28924775.68	14.327	A	2.3	-0.3
5	☐	25000.00	24849.51	56666976.38	28.556	A	1.1	-0.6
6	☐	50000.00	50084.37	113093674.9	57.544	A	2.1	0.2

y = 0.0011 * x + 0.0108
R = 1.0000
DL = 0.3182 ug/l
BEC = 9.436 ug/l

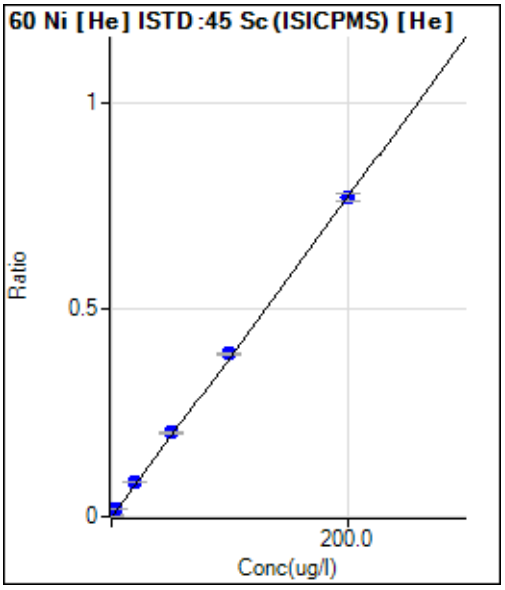
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	17.78	0.0003	P	38.7	
2	☐	4.000	4.055	2914.78	0.0545	P	5.0	1.4
3	☐	20.000	20.000	14519.98	0.2674	P	2.0	0.0
4	☐	50.000	49.809	35857.02	0.6654	P	1.9	-0.4
5	☐	100.000	99.935	70397.11	1.3347	P	0.6	-0.1
6	☐	200.000	200.079	141727.47	2.6718	P	0.8	0.0

y = 0.0134 * x + 3.3001E-004
R = 1.0000
DL = 0.02871 ug/l
BEC = 0.02472 ug/l

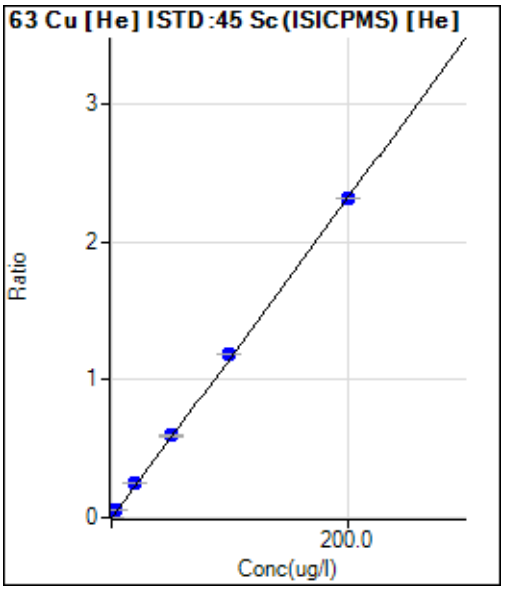
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	130.00	0.0024	P	8.8	
2	☐	4.000	4.335	1026.71	0.0192	P	0.7	8.4
3	☐	20.000	20.977	4538.56	0.0836	P	2.9	4.9
4	☐	50.000	51.826	10936.67	0.2029	P	1.4	3.7
5	☐	100.000	101.138	20763.62	0.3937	P	0.5	1.1
6	☐	200.000	198.870	40933.48	0.7718	P	2.0	-0.6

y = 0.0039 * x + 0.0024
R = 0.9999
DL = 0.1652 ug/l
BEC = 0.6245 ug/l

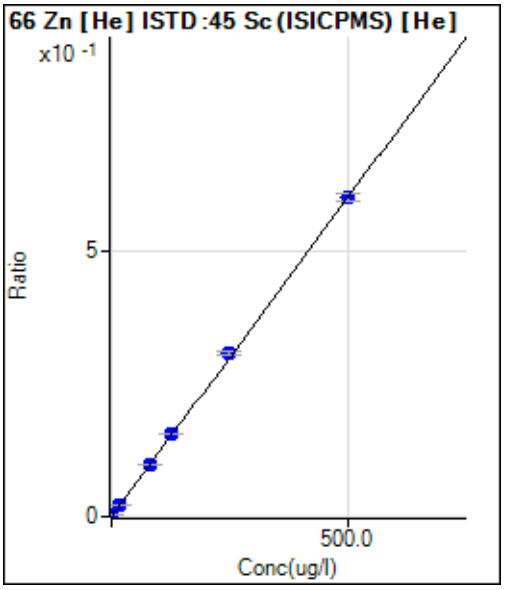
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	323.34	0.0060	P	4.1	
2	☐	4.000	4.207	2937.01	0.0549	P	1.2	5.2
3	☐	20.000	21.072	13620.18	0.2508	P	1.4	5.4
4	☐	50.000	50.571	31981.99	0.5934	P	1.1	1.1
5	☐	100.000	101.871	62728.24	1.1893	P	0.3	1.9
6	☐	200.000	198.811	122821.00	2.3153	P	0.3	-0.6

y = 0.0116 * x + 0.0060
R = 0.9999
DL = 0.06415 ug/l
BEC = 0.5174 ug/l

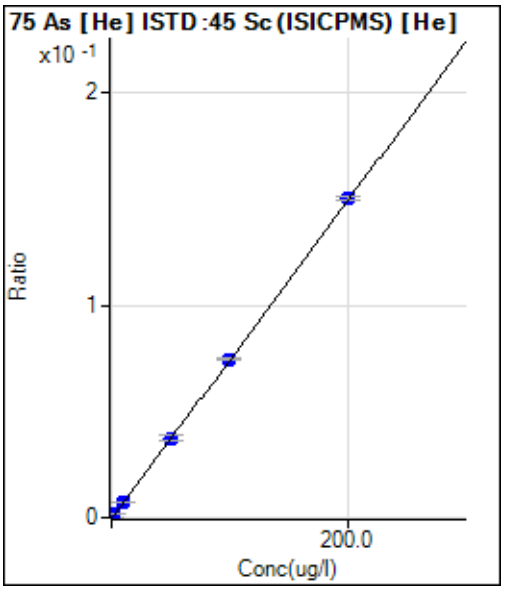
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	170.00	0.0032	P	10.3	
2	☐	16.000	16.414	1225.62	0.0229	P	3.1	2.6
3	☐	80.000	78.640	5309.96	0.0978	P	2.1	-1.7
4	☐	125.000	126.930	8399.32	0.1558	P	0.4	1.5
5	☐	250.000	253.903	16275.36	0.3086	P	1.6	1.6
6	☐	500.000	497.770	31925.24	0.6019	P	2.7	-0.4

y = 0.0012 * x + 0.0032
R = 0.9999
DL = 0.8085 ug/l
BEC = 2.627 ug/l

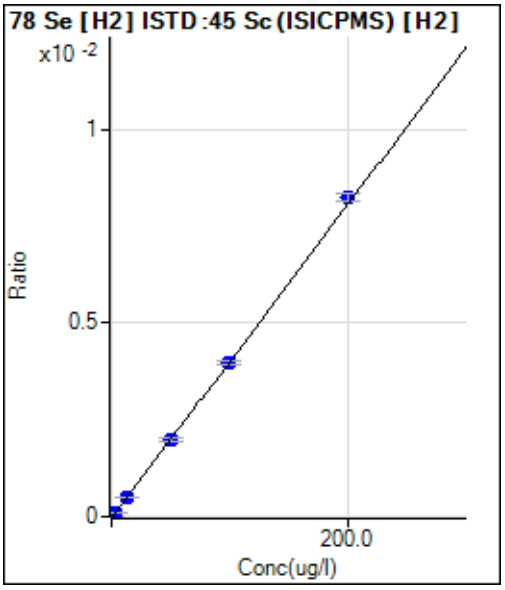
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10.56	0.0002	P	32.6	
2	☐	2.000	2.166	97.22	0.0018	P	15.9	8.3
3	☐	10.000	9.510	397.23	0.0073	P	1.6	-4.9
4	☐	50.000	49.597	2011.27	0.0373	P	7.2	-0.8
5	☐	100.000	99.187	3925.03	0.0744	P	1.0	-0.8
6	☐	200.000	200.530	7969.60	0.1503	P	1.6	0.3

y = 7.4830E-004 * x + 1.9604E-004
R = 1.0000
DL = 0.2562 ug/l
BEC = 0.262 ug/l

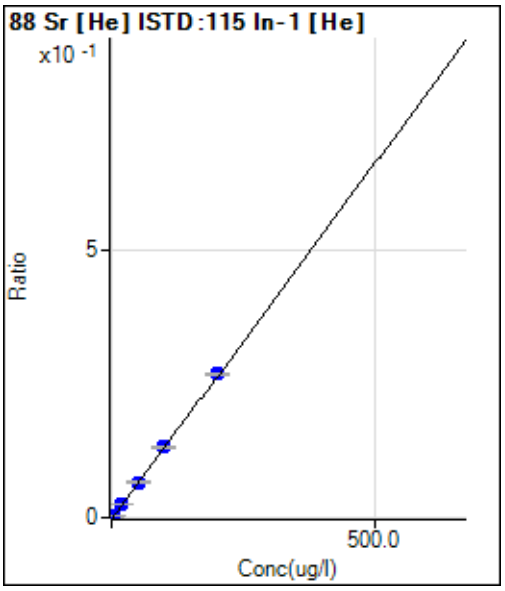
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.022	6.67	0.0000	P	0.2	
2	☐	2.500	2.078	173.34	0.0001	P	15.5	-16.9
3	☐	12.500	11.818	986.71	0.0005	P	3.7	-5.5
4	☐	50.000	49.161	4021.74	0.0020	P	3.5	-1.7
5	☐	100.000	98.526	7916.82	0.0040	P	2.5	-1.5
6	☐	200.000	203.624	16202.04	0.0082	P	2.8	1.8

y = 4.047723E-005 * x + 2.416220E-006
R = 0.9999
DL = 0.0004028 ug/l
BEC = 0.05969 ug/l

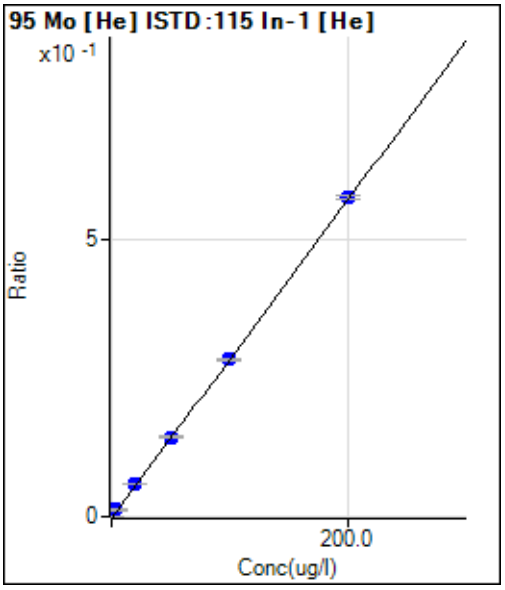
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1.11	0.0000	P	173.	
2	☐	4.000	3.965	471.13	0.0053	P	2.6	-0.9
3	☐	20.000	20.003	2379.12	0.0268	P	1.8	0.0
4	☐	50.000	49.781	5920.24	0.0666	P	5.8	-0.4
5	☐	100.000	98.626	11710.76	0.1319	P	2.0	-1.4
6	☐	200.000	200.742	23537.42	0.2685	P	1.8	0.4

y = 0.0013 * x + 1.2485E-005
R = 1.0000
DL = 0.04851 ug/l
BEC = 0.009336 ug/l

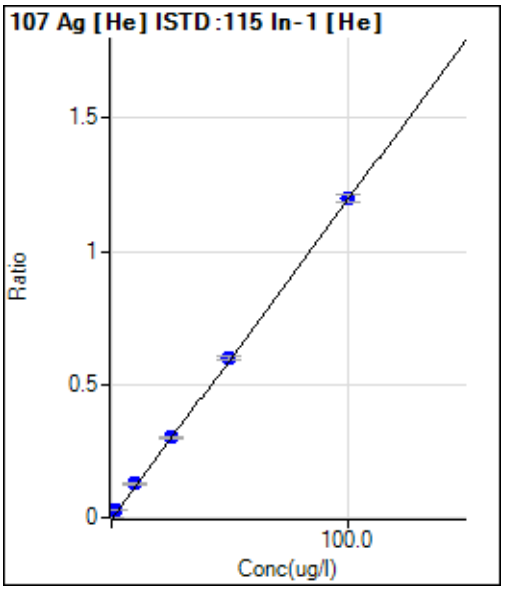
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	4.44	0.0000	P	44.1	
2	☐	4.000	4.293	1096.72	0.0124	P	7.4	7.3
3	☐	20.000	20.338	5195.50	0.0584	P	1.4	1.7
4	☐	50.000	49.676	12681.66	0.1426	P	2.1	-0.6
5	☐	100.000	98.689	25152.70	0.2833	P	1.9	-1.3
6	☐	200.000	200.697	50515.55	0.5761	P	1.1	0.3

y = 0.0029 * x + 4.9973E-005
R = 1.0000
DL = 0.02302 ug/l
BEC = 0.01741 ug/l

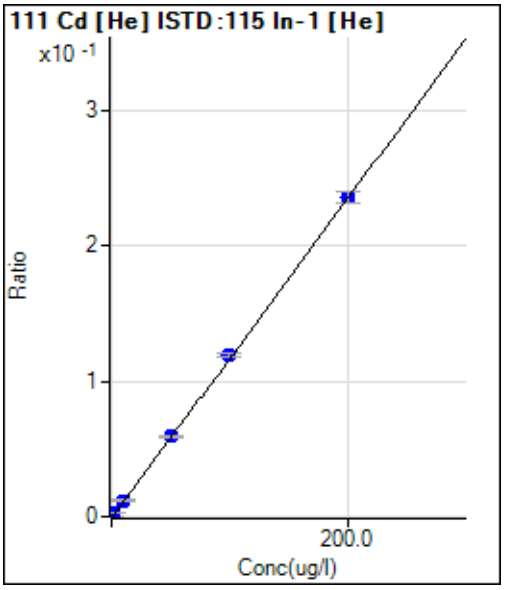
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	7.78	0.0001	P	65.6	
2	☐	2.000	2.167	2310.22	0.0261	P	3.8	8.3
3	☐	10.000	10.617	11329.37	0.1274	P	5.1	6.2
4	☐	25.000	25.079	26738.25	0.3008	P	2.9	0.3
5	☐	50.000	49.810	53014.72	0.5973	P	2.4	-0.4
6	☐	100.000	100.010	105121.92	1.1991	P	2.0	0.0

y = 0.0120 * x + 8.7267E-005
R = 1.0000
DL = 0.01433 ug/l
BEC = 0.007279 ug/l

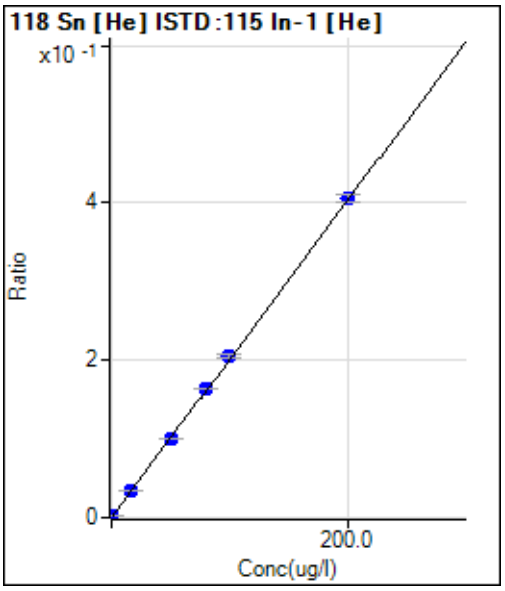
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1.11	0.0000	P	173.	
2	☐	2.000	2.101	221.12	0.0025	P	11.9	5.0
3	☐	10.000	10.028	1055.61	0.0119	P	5.1	0.3
4	☐	50.000	49.912	5246.63	0.0590	P	0.5	-0.2
5	☐	100.000	100.789	10576.54	0.1191	P	2.6	0.8
6	☐	200.000	199.625	20686.25	0.2360	P	3.1	-0.2

y = 0.0012 * x + 1.2549E-005
R = 1.0000
DL = 0.05517 ug/l
BEC = 0.01062 ug/l

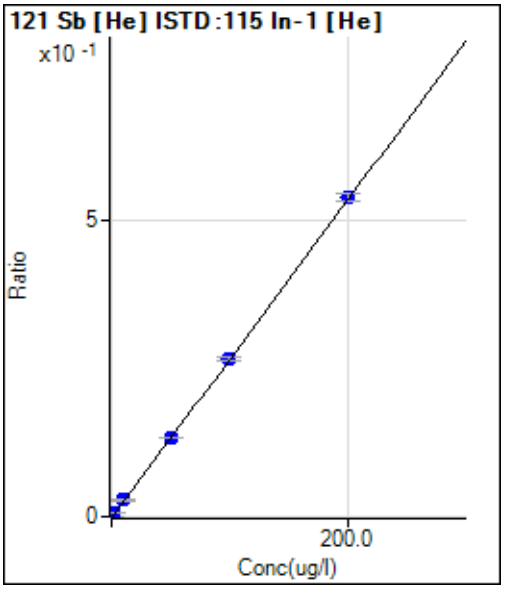
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	213.34	0.0024	P	17.8	
2	☐	16.000	15.960	3062.60	0.0346	P	3.9	-0.2
3	☐	80.000	79.859	14521.42	0.1633	P	0.4	-0.2
4	☐	50.000	48.249	8857.48	0.0996	P	0.4	-3.5
5	☐	100.000	100.590	18207.16	0.2051	P	3.2	0.6
6	☐	200.000	200.202	35591.19	0.4058	P	1.8	0.1

y = 0.0020 * x + 0.0024
R = 0.9999
DL = 0.6336 ug/l
BEC = 1.189 ug/l

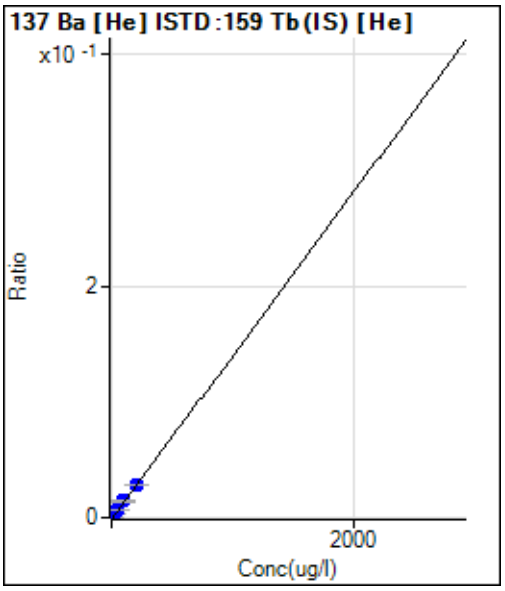
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	29.45	0.0003	P	8.8	
2	☐	2.000	2.019	510.01	0.0058	P	5.0	1.0
3	☐	10.000	10.255	2478.58	0.0279	P	2.7	2.5
4	☐	50.000	49.542	11857.59	0.1334	P	1.7	-0.9
5	☐	100.000	98.980	23623.84	0.2661	P	3.4	-1.0
6	☐	200.000	200.612	47257.50	0.5391	P	2.1	0.3

y = 0.0027 * x + 3.3062E-004
R = 1.0000
DL = 0.03259 ug/l
BEC = 0.1231 ug/l

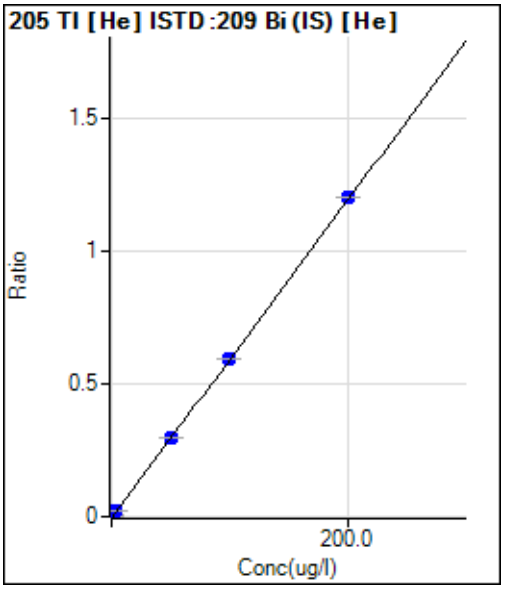
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	0.00	0.0000	P		
2	☐	4.000	3.987	296.97	0.0006	P	23.4	-0.3
3	☐	20.000	20.261	1504.95	0.0029	P	5.2	1.3
4	☐	50.000	50.633	3797.78	0.0072	P	6.0	1.3
5	☐	100.000	100.768	7546.54	0.0142	P	4.3	0.8
6	☐	200.000	199.432	14917.17	0.0282	P	3.4	-0.3

y = 1.4135E-004 * x + 0.0000E+000
R = 1.0000
DL = 0 ug/l
BEC = 0 ug/l

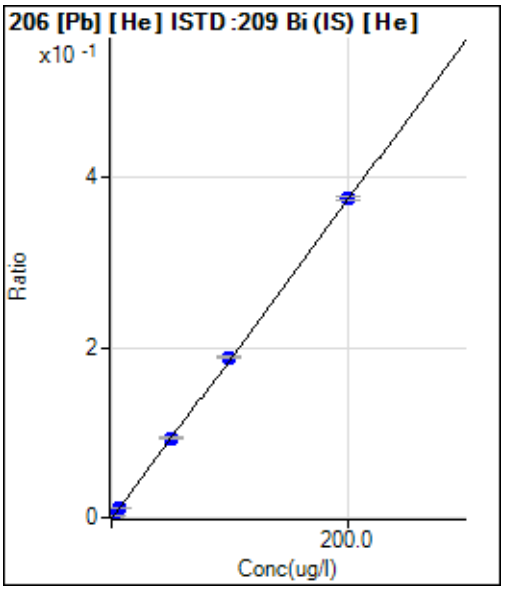
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	224.45	0.0005	P	14.9	
2	☐	0.800	0.769	2335.79	0.0051	P	5.8	-3.8
3	☐	4.000	3.934	10889.26	0.0241	P	2.0	-1.7
4	☐	50.000	49.091	134294.28	0.2953	P	0.1	-1.8
5	☐	100.000	99.040	267681.90	0.5952	P	0.8	-1.0
6	☐	200.000	200.709	540369.32	1.2057	P	0.4	0.4

y = 0.0060 * x + 4.9621E-004
R = 1.0000
DL = 0.03684 ug/l
BEC = 0.08264 ug/l

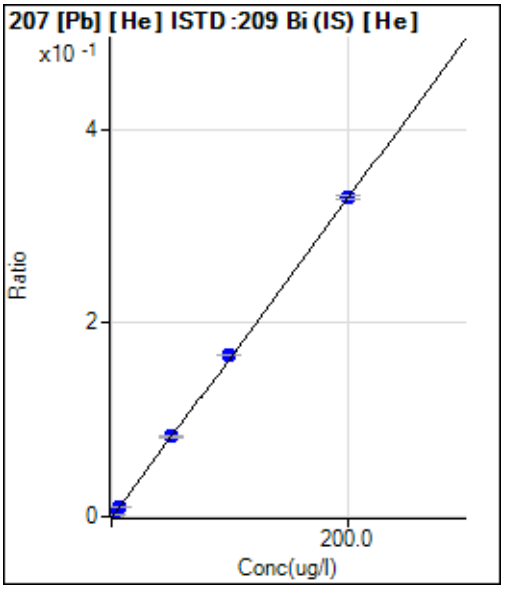
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	194.45	0.0004	P	15.1	
2	☐	1.200	1.219	1241.18	0.0027	P	1.3	1.6
3	☐	6.000	6.100	5364.53	0.0119	P	0.3	1.7
4	☐	50.000	49.529	42482.33	0.0934	P	1.4	-0.9
5	☐	100.000	100.229	84813.10	0.1886	P	0.7	0.2
6	☐	200.000	200.000	168455.78	0.3759	P	0.9	0.0

y = 0.0019 * x + 4.2955E-004
R = 1.0000
DL = 0.1034 ug/l
BEC = 0.2288 ug/l

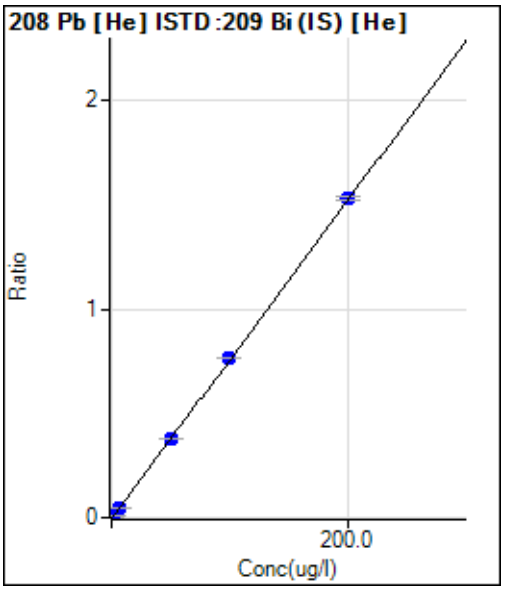
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	147.78	0.0003	P	17.1	
2	☐	1.200	1.296	1126.73	0.0025	P	2.5	8.0
3	☐	6.000	6.182	4757.61	0.0105	P	2.2	3.0
4	☐	50.000	49.792	37560.95	0.0826	P	1.4	-0.4
5	☐	100.000	100.843	75071.42	0.1669	P	0.6	0.8
6	☐	200.000	199.625	147951.50	0.3301	P	1.6	-0.2

y = 0.0017 * x + 3.2659E-004
R = 1.0000
DL = 0.1011 ug/l
BEC = 0.1977 ug/l

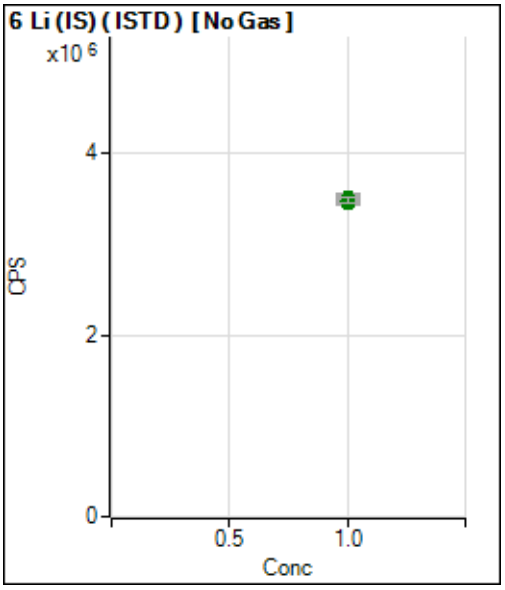
Weight: <None>
Min Conc: <None>



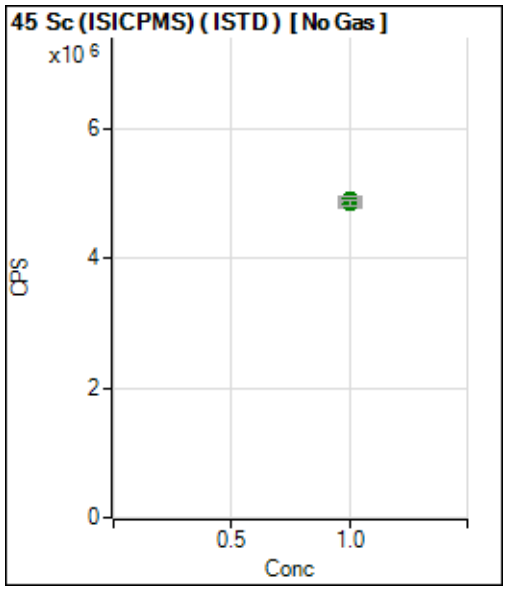
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	754.46	0.0017	P	5.0	
2	☐	1.200	1.245	5104.90	0.0112	P	0.8	3.7
3	☐	6.000	6.107	21831.04	0.0484	P	1.2	1.8
4	☐	50.000	49.561	173087.78	0.3806	P	1.0	-0.9
5	☐	100.000	99.660	343406.39	0.7636	P	0.4	-0.3
6	☐	200.000	200.276	686940.76	1.5328	P	1.0	0.1

y = 0.0076 * x + 0.0017
R = 1.0000
DL = 0.03289 ug/l
BEC = 0.2181 ug/l

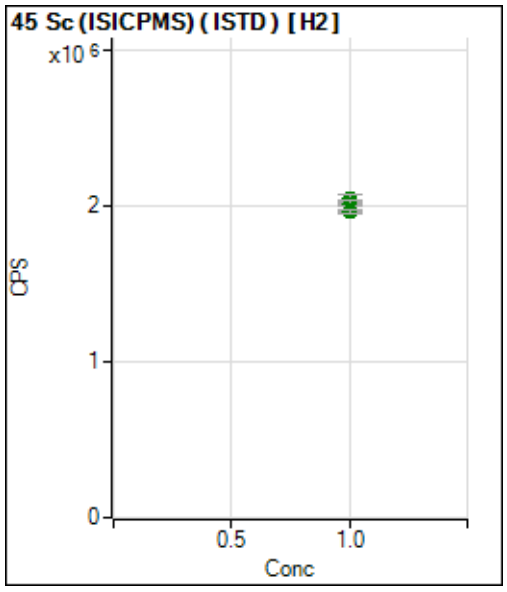
Weight: <None>
Min Conc: <None>



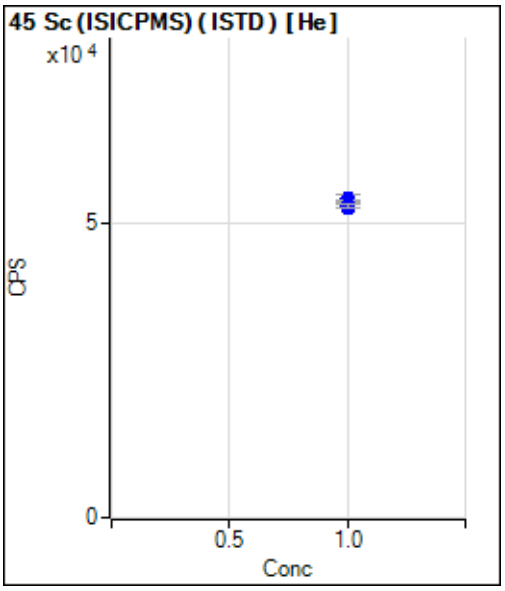
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		3518323.28		A	2.5	
2	☐	1.000		3496013.11		A	2.1	
3	☐	1.000		3490552.52		A	1.1	
4	☐	1.000		3495359.05		A	1.6	
5	☐	1.000		3464297.14		A	2.3	
6	☐	1.000		3480200.29		A	1.8	



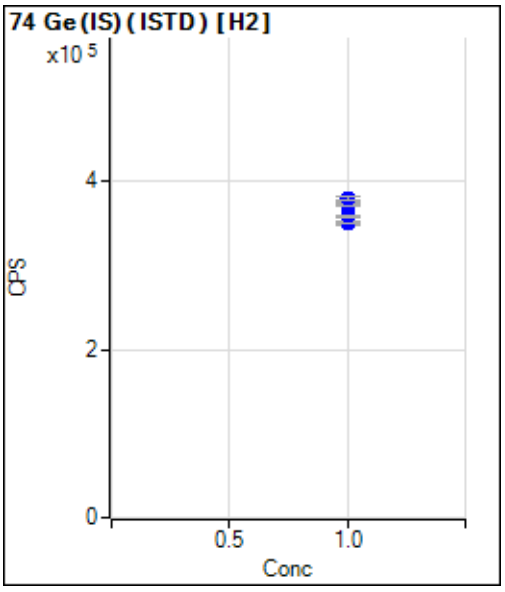
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		4831049.16		A	2.1	
2	☐	1.000		4890135.28		A	1.5	
3	☐	1.000		4852127.89		A	1.8	
4	☐	1.000		4929044.91		A	1.4	
5	☐	1.000		4827921.39		A	1.4	
6	☐	1.000		4850149.67		A	1.8	



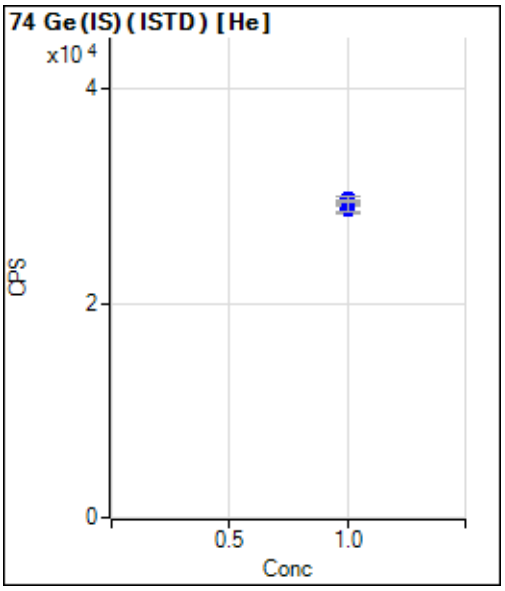
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2017216.15		A	0.2	
2	☐	1.000		2008639.05		A	3.6	
3	☐	1.000		2052385.27		A	2.8	
4	☐	1.000		2019410.67		A	2.1	
5	☐	1.000		1984270.25		A	1.3	
6	☐	1.000		1965452.23		A	0.8	



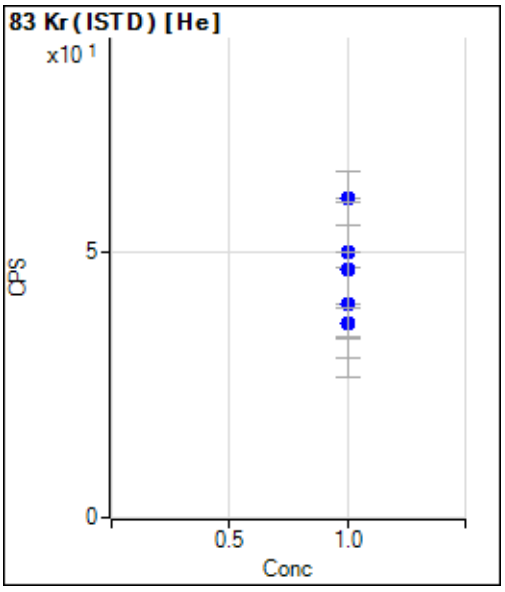
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		53810.15		P	0.4	
2	☐	1.000		53520.18		P	1.0	
3	☐	1.000		54315.42		P	1.9	
4	☐	1.000		53895.04		P	1.0	
5	☐	1.000		52743.96		P	0.2	
6	☐	1.000		53048.37		P	1.2	



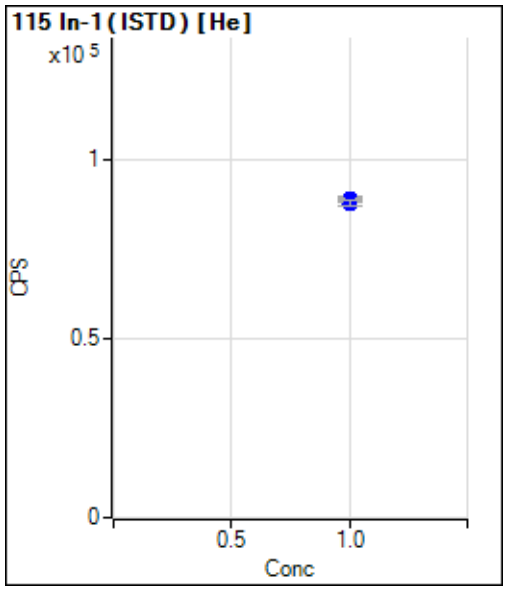
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		349485.73		P	0.7	
2	☐	1.000		351629.81		P	0.9	
3	☐	1.000		358687.83		P	0.8	
4	☐	1.000		372698.74		P	0.8	
5	☐	1.000		371513.32		P	0.9	
6	☐	1.000		379578.48		P	1.4	



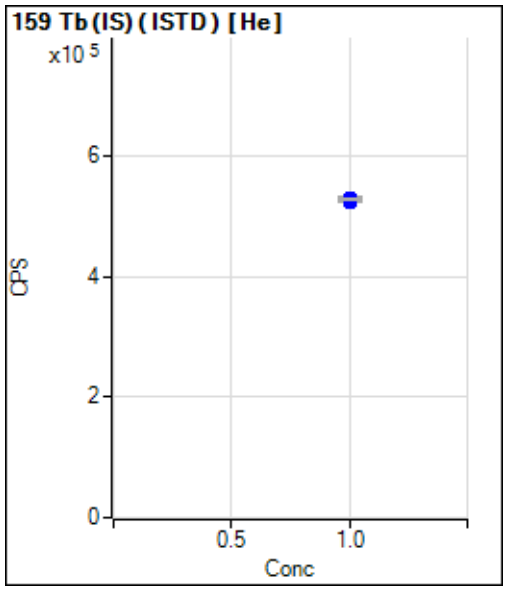
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		28870.10		P	2.3	
2	☐	1.000		28722.94		P	2.6	
3	☐	1.000		28990.20		P	2.8	
4	☐	1.000		29813.01		P	1.6	
5	☐	1.000		29823.05		P	1.3	
6	☐	1.000		28950.13		P	3.2	



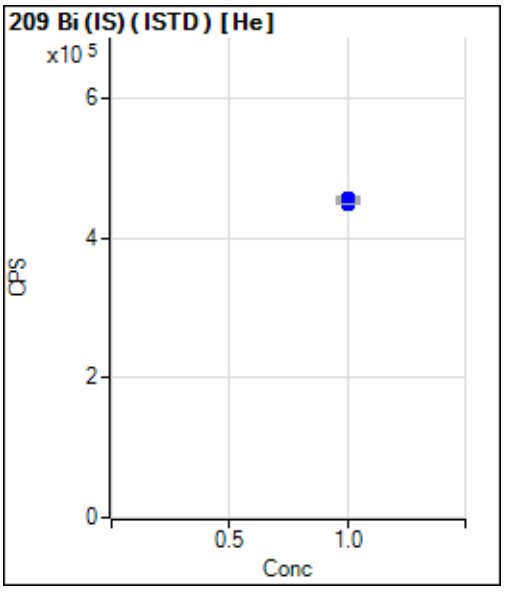
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		50.05		P	40.0	
2	☐	1.000		60.06		P	16.7	
3	☐	1.000		36.70		P	56.8	
4	☐	1.000		40.04		P	50.0	
5	☐	1.000		46.71		P	53.9	
6	☐	1.000		36.70		P	15.7	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		89074.91		P	0.8	
2	☐	1.000		88635.41		P	0.5	
3	☐	1.000		88914.62		P	1.5	
4	☐	1.000		88909.66		P	0.4	
5	☐	1.000		88773.61		P	0.9	
6	☐	1.000		87685.70		P	1.7	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		527200.91		P	1.6	
2	☐	1.000		527608.72		P	1.0	
3	☐	1.000		525393.23		P	0.7	
4	☐	1.000		530851.75		P	1.3	
5	☐	1.000		529682.22		P	1.0	
6	☐	1.000		529253.19		P	0.8	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		452526.51		P	0.6	
2	☐	1.000		456527.91		P	0.9	
3	☐	1.000		451506.99		P	1.1	
4	☐	1.000		454810.66		P	0.2	
5	☐	1.000		449746.28		P	0.8	
6	☐	1.000		448173.41		P	0.5	

04112022-w

Method: 245_7470A Operator: Admin Date of Analysis: 11 Apr 2022 12:50:10

Sample ID	µ Abs.	Conc.	Chapter	Method	Date	Element	Units
Cal Blank - 1	71	-	838498hg1	245_7470A	11 Apr 2022 13:14:45	Hg	ug/L
0.2 ug/L - 1	1337	-	838498hg1	245_7470A	11 Apr 2022 13:16:27	Hg	ug/L
1.0 ug/L - 1	6005	-	838498hg1	245_7470A	11 Apr 2022 13:18:10	Hg	ug/L
2.0 ug/L - 1	12259	-	838498hg1	245_7470A	11 Apr 2022 13:19:53	Hg	ug/L
5.0 ug/L - 1	31294	-	838498hg1	245_7470A	11 Apr 2022 13:21:36	Hg	ug/L
10.0 ug/L - 1	63359	-	838498hg1	245_7470A	11 Apr 2022 13:23:19	Hg	ug/L
ICV - 1	31629	100.4% 5.0181	838498hg1	245_7470A	11 Apr 2022 13:25:05	Hg	ug/L
ICB - 1	-299	-0.0214	838498hg1	245_7470A	11 Apr 2022 13:26:57	Hg	ug/L
CRI - 1	1237	110.5% 0.2211	838498hg1	245_7470A	11 Apr 2022 13:28:42	Hg	ug/L
QCS - 1	31343	99.5% 4.9730	838498hg1	245_7470A	11 Apr 2022 13:30:26	Hg	ug/L
MCL - 1	12140	97.1% 1.9420	838498hg1	245_7470A	11 Apr 2022 13:32:09	Hg	ug/L
CCV - 1	31863	101.1% 5.0551	838498hg1	245_7470A	11 Apr 2022 13:33:53	Hg	ug/L
CCB - 1	-258	-0.0149	838498hg1	245_7470A	11 Apr 2022 13:35:37	Hg	ug/L
MB 460-838498/1-A - 1	-21	0.0225	838498hg1	245_7470A	11 Apr 2022 13:37:22	Hg	ug/L
LCS 460-838498/2-A - 1	6381	1.0330	838498hg1	245_7470A	11 Apr 2022 13:39:03	Hg	ug/L
460-255712-F-5-C - 1	-4	0.0252	838498hg1	245_7470A	11 Apr 2022 13:40:44	Hg	ug/L
460-255712-B-5-B DU - 1	57	0.0348	838498hg1	245_7470A	11 Apr 2022 13:42:27	Hg	ug/L
460-255712-F-5-D MS - 1	6541	1.0583	838498hg1	245_7470A	11 Apr 2022 13:44:08	Hg	ug/L
sd 460-255712-F-5-C@5 - 1	6	0.0268	838498hg1	245_7470A	11 Apr 2022 13:45:49	Hg	ug/L
460-255827-A-1-A - 1	34	0.0312	838498hg1	245_7470A	11 Apr 2022 13:47:32	Hg	ug/L
460-255827-A-2-A - 1	46	0.0331	838498hg1	245_7470A	11 Apr 2022 13:49:14	Hg	ug/L
460-255827-A-3-A - 1	42	0.0324	838498hg1	245_7470A	11 Apr 2022 13:50:56	Hg	ug/L
460-255608-F-2-B - 1	271	0.0686	838498hg1	245_7470A	11 Apr 2022 13:52:38	Hg	ug/L
CCV - 1	32087	101.8% 5.0904	838498hg1	245_7470A	11 Apr 2022 13:54:21	Hg	ug/L
CCB - 1	-216	-0.0083	838498hg1	245_7470A	11 Apr 2022 13:56:03	Hg	ug/L
460-255608-F-3-B - 1	204	0.0580	838498hg1	245_7470A	11 Apr 2022 13:57:48	Hg	ug/L
460-255608-F-10-B - 1	51	0.0339	838498hg1	245_7470A	11 Apr 2022 13:59:31	Hg	ug/L
460-255677-E-17-A - 1	40	0.0321	838498hg1	245_7470A	11 Apr 2022 14:01:15	Hg	ug/L
460-255677-F-33-A - 1	37	0.0317	838498hg1	245_7470A	11 Apr 2022 14:02:56	Hg	ug/L
460-255748-D-7-A - 1	50	0.0337	838498hg1	245_7470A	11 Apr 2022 14:04:37	Hg	ug/L
460-255712-F-1-B - 1	228	0.0618	838498hg1	245_7470A	11 Apr 2022 14:06:19	Hg	ug/L
460-255712-F-2-B - 1	58	0.0350	838498hg1	245_7470A	11 Apr 2022 14:08:01	Hg	ug/L
460-255712-F-3-B - 1	152	0.0498	838498hg1	245_7470A	11 Apr 2022 14:09:43	Hg	ug/L
460-255712-F-4-B - 1	99	0.0414	838498hg1	245_7470A	11 Apr 2022 14:11:24	Hg	ug/L
460-255712-F-6-B - 1	84	0.0391	838498hg1	245_7470A	11 Apr 2022 14:13:06	Hg	ug/L
CCV - 1	31475	99.9% 4.9938	838498hg1	245_7470A	11 Apr 2022 14:14:49	Hg	ug/L
CCB - 1	-190	-0.0042	838498hg1	245_7470A	11 Apr 2022 14:16:30	Hg	ug/L
460-255712-F-7-B - 1	271	0.0686	838498hg1	245_7470A	11 Apr 2022 14:18:15	Hg	ug/L
460-255712-F-8-B - 1	23	0.0294	838498hg1	245_7470A	11 Apr 2022 14:19:58	Hg	ug/L
460-255873-I-3-B - 1	33	0.0310	838498hg1	245_7470A	11 Apr 2022 14:21:41	Hg	ug/L
MB 460-838522/1-A - 1	34	0.0312	838498hg1	245_7470A	11 Apr 2022 14:23:24	Hg	ug/L
LCS 460-838522/2-A - 1	32622	5.1749	838498hg1	245_7470A	11 Apr 2022 14:25:07	Hg	ug/L
460-255598-E-1-I - 1	381	0.0860	838498hg1	245_7470A	11 Apr 2022 14:26:49	Hg	ug/L
460-255598-E-1-J DU - 1	193	0.0563	838498hg1	245_7470A	11 Apr 2022 14:28:33	Hg	ug/L
460-255598-E-1-K MS - 1	33956	5.3854	838498hg1	245_7470A	11 Apr 2022 14:30:15	Hg	ug/L
sd 460-255598-E-1-I@5 - 1	-73	0.0143	838498hg1	245_7470A	11 Apr 2022 14:31:57	Hg	ug/L
460-255441-A-1-D - 1	78	0.0381	838498hg1	245_7470A	11 Apr 2022 14:33:42	Hg	ug/L
CCV - 1	29725	94.4% 4.7176	838498hg1	245_7470A	11 Apr 2022 14:35:24	Hg	ug/L
CCB - 1	-192	-0.0045	838498hg1	245_7470A	11 Apr 2022 14:37:05	Hg	ug/L
460-255447-A-3-K - 1	9	0.0272	838498hg1	245_7470A	11 Apr 2022 14:38:52	Hg	ug/L
460-255649-H-1-G - 1	281	0.0702	838498hg1	245_7470A	11 Apr 2022 14:40:34	Hg	ug/L
460-255713-B-1-C - 1	261	0.0670	838498hg1	245_7470A	11 Apr 2022 14:42:15	Hg	ug/L
460-255713-A-7-H - 1	225	0.0613	838498hg1	245_7470A	11 Apr 2022 14:43:57	Hg	ug/L
460-255715-B-16-D - 1	1124	0.2032	838498hg1	245_7470A	11 Apr 2022 14:45:40	Hg	ug/L
460-255715-A-17-E - 1	586	0.1183	838498hg1	245_7470A	11 Apr 2022 14:47:24	Hg	ug/L
460-255715-B-18-C - 1	408	0.0902	838498hg1	245_7470A	11 Apr 2022 14:49:07	Hg	ug/L
460-255746-F-1-D - 1	989	0.1819	838498hg1	245_7470A	11 Apr 2022 14:50:49	Hg	ug/L
460-255598-H-3-J - 1	842	0.1587	838498hg1	245_7470A	11 Apr 2022 14:52:30	Hg	ug/L
460-255598-D-5-J - 1	335	0.0787	838498hg1	245_7470A	11 Apr 2022 14:54:12	Hg	ug/L
CCV - 1	31186	99.0% 4.9482	838498hg1	245_7470A	11 Apr 2022 14:55:53	Hg	ug/L
CCB - 1	-208	-0.0070	838498hg1	245_7470A	11 Apr 2022 14:57:34	Hg	ug/L
460-255598-D-7-I - 1	620	0.1237	838498hg1	245_7470A	11 Apr 2022 14:59:20	Hg	ug/L
460-255598-E-9-I - 1	321	0.0765	838498hg1	245_7470A	11 Apr 2022 15:01:02	Hg	ug/L
460-255873-B-1-D - 1	1183	0.2125	838498hg1	245_7470A	11 Apr 2022 15:02:44	Hg	ug/L
460-255873-B-2-D - 1	664	0.1306	838498hg1	245_7470A	11 Apr 2022 15:04:25	Hg	ug/L
LB 460-838170/1-F - 1	532	0.1098	838498hg1	245_7470A	11 Apr 2022 15:06:07	Hg	ug/L
LB 460-838311/1-D - 1	113	0.0437	838498hg1	245_7470A	11 Apr 2022 15:07:50	Hg	ug/L
LB 460-837251/1-E - 1	53	0.0342	838498hg1	245_7470A	11 Apr 2022 15:09:33	Hg	ug/L
LB 460-837911/1-G - 1	56	0.0347	838498hg1	245_7470A	11 Apr 2022 15:11:16	Hg	ug/L
MB 460-838525/1-A - 1	90	0.0400	838498hg1	245_7470A	11 Apr 2022 15:13:00	Hg	ug/L
MB 460-838523/1-B - 1	54	0.0343	838498hg1	245_7470A	11 Apr 2022 15:14:41	Hg	ug/L
CCV - 1	30743	97.6% 4.8783	838498hg1	245_7470A	11 Apr 2022 15:16:22	Hg	ug/L
CCB - 1	-227	-0.0100	838498hg1	245_7470A	11 Apr 2022 15:18:04	Hg	ug/L
LCS 460-838525/3-A - 1	6141	0.9951	838498hg1	245_7470A	11 Apr 2022 15:19:51	Hg	ug/L
460-255712-G-5-G - 1	66	0.0362	838498hg1	245_7470A	11 Apr 2022 15:21:33	Hg	ug/L
460-255712-A-5-D DU - 1	33	0.0310	838498hg1	245_7470A	11 Apr 2022 15:23:16	Hg	ug/L
460-255712-G-5-H MS - 1	6260	1.0139	838498hg1	245_7470A	11 Apr 2022 15:24:58	Hg	ug/L
sd 460-255712-G-5-G@5 - 1	-5	0.0250	838498hg1	245_7470A	11 Apr 2022 15:26:40	Hg	ug/L
460-255712-G-1-D - 1	47	0.0332	838498hg1	245_7470A	11 Apr 2022 15:28:24	Hg	ug/L
460-255712-G-2-D - 1	48	0.0334	838498hg1	245_7470A	11 Apr 2022 15:30:05	Hg	ug/L
460-255712-G-3-D - 1	134	0.0470	838498hg1	245_7470A	11 Apr 2022 15:31:48	Hg	ug/L
460-255712-G-4-D - 1	121	0.0449	838498hg1	245_7470A	11 Apr 2022 15:33:30	Hg	ug/L
460-255712-G-6-D - 1	90	0.0400	838498hg1	245_7470A	11 Apr 2022 15:35:13	Hg	ug/L
CCV - 1	31152	98.9% 4.9429	838498hg1	245_7470A	11 Apr 2022 15:36:57	Hg	ug/L

04112022-w

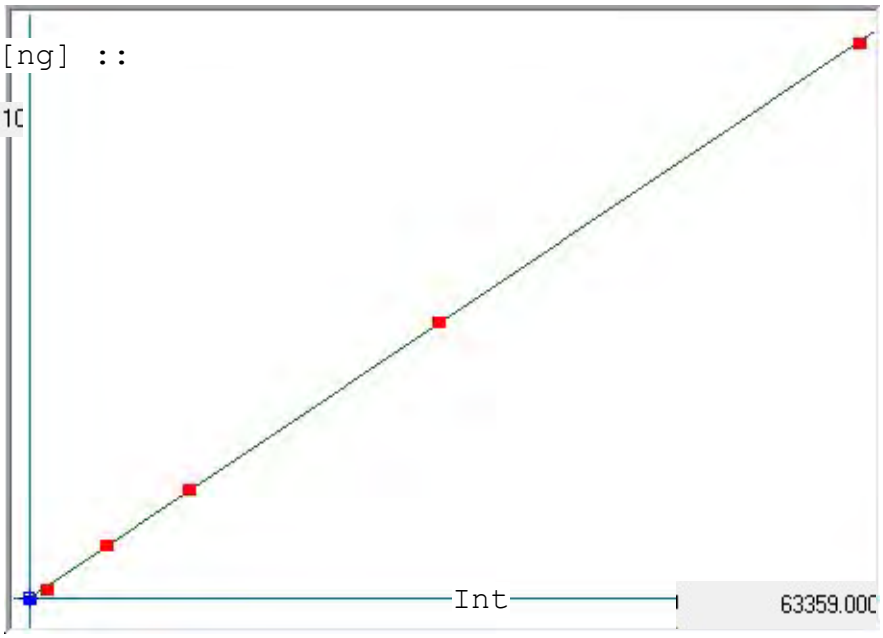
Method: 245_7470A Operator: Admin Date of Analysis: 11 Apr 2022 12:50:10

Sample ID	µ Abs.	Conc.	Chapter	Method	Date	Element	Units
CCB - 1	-225	-0.0097	838498hg1	245_7470A	11 Apr 2022 15:38:38	Hg	ug/L
460-255712-G-7-D - 1	83	0.0389	838498hg1	245_7470A	11 Apr 2022 15:40:25	Hg	ug/L
460-255712-G-8-D - 1	30	0.0306	838498hg1	245_7470A	11 Apr 2022 15:42:07	Hg	ug/L
460-255827-B-1-B - 1	24	0.0296	838498hg1	245_7470A	11 Apr 2022 15:43:50	Hg	ug/L
460-255827-B-2-B - 1	19	0.0288	838498hg1	245_7470A	11 Apr 2022 15:45:32	Hg	ug/L
460-255827-B-3-B - 1	40	0.0321	838498hg1	245_7470A	11 Apr 2022 15:47:15	Hg	ug/L
460-255700-A-1-A@100 - 1	25440	4.0413	838498hg1	245_7470A	11 Apr 2022 15:48:57	Hg	ug/L
460-255700-A-2-A@20 - 1	1199	0.2151	838498hg1	245_7470A	11 Apr 2022 15:50:40	Hg	ug/L
460-255700-A-3-A@20 - 1	1621	0.2817	838498hg1	245_7470A	11 Apr 2022 15:52:25	Hg	ug/L
460-255700-A-4-A@20 - 1	2972	0.4949	838498hg1	245_7470A	11 Apr 2022 15:54:07	Hg	ug/L
460-255700-A-5-A@20 - 1	2805	0.4686	838498hg1	245_7470A	11 Apr 2022 15:55:50	Hg	ug/L
CCV - 1	30336	96.3% 4.8141	838498hg1	245_7470A	11 Apr 2022 15:57:34	Hg	ug/L
CCB - 1	-246	-0.0130	838498hg1	245_7470A	11 Apr 2022 15:59:15	Hg	ug/L
460-255700-A-6-A@20 - 1	389	0.0872	838498hg1	245_7470A	11 Apr 2022 16:01:01	Hg	ug/L
460-255700-A-7-A@20 - 1	46575	7.3772	838498hg1	245_7470A	11 Apr 2022 16:02:44	Hg	ug/L
460-255700-A-8-A@100 - 1	26215	4.1636	838498hg1	245_7470A	11 Apr 2022 16:04:27	Hg	ug/L
CCV - 1	30084	95.5% 4.7743	838498hg1	245_7470A	11 Apr 2022 16:06:16	Hg	ug/L
CCB - 1	-309	-0.0230	838498hg1	245_7470A	11 Apr 2022 16:08:00	Hg	ug/L
460-255700-A-2-A - 1	28240	4.4832	838498hg1	245_7470A	11 Apr 2022 16:11:44	Hg	ug/L
460-255700-A-3-A - 1	33091	5.2489	838498hg1	245_7470A	11 Apr 2022 16:13:25	Hg	ug/L
460-255700-A-4-A@10 - 1	5891	0.9557	838498hg1	245_7470A	11 Apr 2022 16:15:10	Hg	ug/L
460-255700-A-5-A@10 - 1	5481	0.8909	838498hg1	245_7470A	11 Apr 2022 16:16:56	Hg	ug/L
460-255700-A-6-A - 1	8074	1.3002	838498hg1	245_7470A	11 Apr 2022 16:18:40	Hg	ug/L
LB 460-838170/1-F - 1	-65	0.0156	838498hg1	245_7470A	11 Apr 2022 16:20:24	Hg	ug/L
CCV - 1	30401	96.5% 4.8243	838498hg1	245_7470A	11 Apr 2022 16:22:08	Hg	ug/L
CCB - 1	-270	-0.0168	838498hg1	245_7470A	11 Apr 2022 16:23:49	Hg	ug/L
460-255700-A-4-A@2 - 1	30252	4.8008	838498hg1	245_7470A	11 Apr 2022 16:27:30	Hg	ug/L
460-255700-A-5-A@2 - 1	27018	4.2903	838498hg1	245_7470A	11 Apr 2022 16:29:11	Hg	ug/L
CCV - 1	30118	95.6% 4.7797	838498hg1	245_7470A	11 Apr 2022 16:30:57	Hg	ug/L
CCB - 1	-278	-0.0181	838498hg1	245_7470A	11 Apr 2022 16:32:41	Hg	ug/L

245_7470A

Linear

Max. Hg [ng] ::



A= 0.0000e+000

B= 1.5784e-004

C= 2.5819e-002

Rho= 0.9999541

Accept= Accepted

Accepted Date=

04/11/22 13:25

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
Cal Blank	0.000	0.037	0.037	71	0.000	71				
0.2 ug/L	0.200	0.237	0.037	1337	0.0 %	1337				
1.0 ug/L	1.000	0.974	-0.026	6005	0.0 %	6005				
2.0 ug/L	2.000	1.961	-0.039	12259	0.0 %	12259				
5.0 ug/L	5.000	4.965	-0.035	31294	0.0 %	31294				
10.0 ug/L	10.000	10.026	0.026	63359	0.0 %	63359				

040722TSS

Method: 7471B Operator: Admin Date of Analysis: 07 Apr 2022 05:44:04

Sample ID	µ Abs.	Conc.	Chapter	Method	Date	Element	Units
Cal Blank - 1	100	-	837773HG1	7471B	07 Apr 2022 06:37:16	Hg	ug/L
0.2 ug/L - 1	2096	-	837773HG1	7471B	07 Apr 2022 06:39:00	Hg	ug/L
1.0 ug/L - 1	8957	-	837773HG1	7471B	07 Apr 2022 06:40:45	Hg	ug/L
2.0 ug/L - 1	17728	-	837773HG1	7471B	07 Apr 2022 06:42:30	Hg	ug/L
5.0 ug/L - 1	42919	-	837773HG1	7471B	07 Apr 2022 06:44:16	Hg	ug/L
10.0 ug/L - 1	86142	-	837773HG1	7471B	07 Apr 2022 06:46:02	Hg	ug/L
ICV - 1	43094	99.8% 4.9888	837773HG1	7471B	07 Apr 2022 06:47:49	Hg	ug/L
ICB - 1	-372	-0.0795	837773HG1	7471B	07 Apr 2022 06:49:45	Hg	ug/L
CCV - 1	42304	97.9% 4.8967	837773HG1	7471B	07 Apr 2022 06:51:32	Hg	ug/L
CCB - 1	-258	-0.0662	837773HG1	7471B	07 Apr 2022 06:53:15	Hg	ug/L
mb 460-837773/10-a - 1	29	-0.0327	837773HG1	7471B	07 Apr 2022 06:55:05	Hg	ug/L
lcssrm 460-837773/11-a@40 - 1	45005	5.2116	837773HG1	7471B	07 Apr 2022 06:56:48	Hg	ug/L
460-255596-e-2-c - 1	271	-0.0045	837773HG1	7471B	07 Apr 2022 06:58:32	Hg	ug/L
460-255596-e-2-d du - 1	494	0.0215	837773HG1	7471B	07 Apr 2022 07:00:20	Hg	ug/L
460-255596-e-2-e ms - 1	9219	1.0389	837773HG1	7471B	07 Apr 2022 07:02:03	Hg	ug/L
SD 460-255596-e-2-c@5 - 1	293	-0.0019	837773HG1	7471B	07 Apr 2022 07:03:46	Hg	ug/L
460-255596-f-3-b - 1	678	0.0430	837773HG1	7471B	07 Apr 2022 07:05:32	Hg	ug/L
460-255479-e-1-f - 1	6479	0.7194	837773HG1	7471B	07 Apr 2022 07:07:16	Hg	ug/L
460-255479-e-2-f - 1	10162	1.1488	837773HG1	7471B	07 Apr 2022 07:09:00	Hg	ug/L
460-255479-e-6-f - 1	20258	2.3261	837773HG1	7471B	07 Apr 2022 07:10:46	Hg	ug/L
CCV - 1	42757	99.0% 4.9495	837773HG1	7471B	07 Apr 2022 07:12:33	Hg	ug/L
CCB - 1	-231	-0.0630	837773HG1	7471B	07 Apr 2022 07:14:19	Hg	ug/L
460-255667-d-1-a - 1	93092	10.8187	837773HG1	7471B	07 Apr 2022 07:16:10	Hg	ug/L
460-255667-d-2-a - 1	91232	10.6018	837773HG1	7471B	07 Apr 2022 07:17:54	Hg	ug/L
460-255667-d-3-a - 1	36323	4.1993	837773HG1	7471B	07 Apr 2022 07:19:51	Hg	ug/L
460-255667-d-4-a - 1	251169	HIGH	837773HG1	7471B	07 Apr 2022 07:21:44	Hg	ug/L
460-255667-d-5-a - 1	288521	HIGH	837773HG1	7471B	07 Apr 2022 07:23:12	Hg	ug/L
460-255667-d-6-a - 1	152098	17.6990	837773HG1	7471B	07 Apr 2022 07:25:00	Hg	ug/L
460-255667-d-7-a@3 - 1	12814	1.4581	837773HG1	7471B	07 Apr 2022 07:27:08	Hg	ug/L
460-255667-d-8-a@3 - 1	2184	0.2186	837773HG1	7471B	07 Apr 2022 07:29:13	Hg	ug/L
460-255667-d-9-a - 1	134172	15.6087	837773HG1	7471B	07 Apr 2022 07:31:00	Hg	ug/L
460-255667-d-10-a - 1	214316	24.9538	837773HG1	7471B	07 Apr 2022 07:32:45	Hg	ug/L
CCV - 1	41652	96.4% 4.8207	837773HG1	7471B	07 Apr 2022 07:34:43	Hg	ug/L
CCB - 1	-574	-0.1030	837773HG1	7471B	07 Apr 2022 07:36:48	Hg	ug/L
460-255667-d-11-a - 1	76857	8.9257	837773HG1	7471B	07 Apr 2022 07:38:45	Hg	ug/L
460-255667-d-12-a - 1	281279	HIGH	837773HG1	7471B	07 Apr 2022 07:40:30	Hg	ug/L
460-255667-d-13-a - 1	227992	26.5484	837773HG1	7471B	07 Apr 2022 07:42:07	Hg	ug/L
460-255667-d-14-a - 1	15828	1.8095	837773HG1	7471B	07 Apr 2022 07:44:12	Hg	ug/L
460-255667-d-15-a - 1	21542	2.4758	837773HG1	7471B	07 Apr 2022 07:46:20	Hg	ug/L
mb 460-837774/1-a - 1	-437	-0.0870	837773HG1	7471B	07 Apr 2022 07:48:07	Hg	ug/L
lcssrm 460-837774/2-a@40 - 1	44281	5.1272	837773HG1	7471B	07 Apr 2022 07:49:53	Hg	ug/L
460-255667-d-16-a - 1	21837	2.5102	837773HG1	7471B	07 Apr 2022 07:51:37	Hg	ug/L
460-255667-d-16-b du - 1	21771	2.5025	837773HG1	7471B	07 Apr 2022 07:53:25	Hg	ug/L
460-255667-d-16-c ms - 1	50105	5.8063	837773HG1	7471B	07 Apr 2022 07:55:12	Hg	ug/L
CCV - 1	42376	98.1% 4.9051	837773HG1	7471B	07 Apr 2022 07:56:58	Hg	ug/L
CCB - 1	-312	-0.0725	837773HG1	7471B	07 Apr 2022 07:58:47	Hg	ug/L
SD 460-255667-d-16-a@5 - 1	4963	0.5426	837773HG1	7471B	07 Apr 2022 08:00:39	Hg	ug/L
460-255667-d-17-a - 1	124164	14.4418	837773HG1	7471B	07 Apr 2022 08:02:23	Hg	ug/L
460-255667-d-18-a - 1	24955	2.8737	837773HG1	7471B	07 Apr 2022 08:04:08	Hg	ug/L
460-255667-d-19-a - 1	136595	15.8913	837773HG1	7471B	07 Apr 2022 08:06:03	Hg	ug/L
460-255667-d-20-a - 1	21210	2.4371	837773HG1	7471B	07 Apr 2022 08:07:53	Hg	ug/L
460-255585-d-1-a - 1	2942	0.3070	837773HG1	7471B	07 Apr 2022 08:10:17	Hg	ug/L
460-255585-d-2-a - 1	3750	0.4012	837773HG1	7471B	07 Apr 2022 08:12:04	Hg	ug/L
460-255585-d-3-a - 1	15146	1.7300	837773HG1	7471B	07 Apr 2022 08:13:50	Hg	ug/L
460-255585-d-4-a - 1	2488	0.2540	837773HG1	7471B	07 Apr 2022 08:15:35	Hg	ug/L
460-255585-d-5-a - 1	10983	1.2446	837773HG1	7471B	07 Apr 2022 08:17:21	Hg	ug/L
CCV - 1	42330	98.0% 4.8997	837773HG1	7471B	07 Apr 2022 08:19:06	Hg	ug/L
CCB - 1	-254	-0.0657	837773HG1	7471B	07 Apr 2022 08:20:52	Hg	ug/L
460-255585-d-6-a - 1	4962	0.5425	837773HG1	7471B	07 Apr 2022 08:22:40	Hg	ug/L
460-255585-d-7-a - 1	36356	4.2031	837773HG1	7471B	07 Apr 2022 08:24:24	Hg	ug/L
460-255585-d-8-a - 1	13181	1.5009	837773HG1	7471B	07 Apr 2022 08:26:10	Hg	ug/L
460-255585-d-9-a - 1	17838	2.0439	837773HG1	7471B	07 Apr 2022 08:27:59	Hg	ug/L
460-255585-d-10-a - 1	4789	0.5223	837773HG1	7471B	07 Apr 2022 08:29:45	Hg	ug/L
460-255596-f-1-a - 1	18410	2.1106	837773HG1	7471B	07 Apr 2022 08:31:33	Hg	ug/L
460-255596-d-4-a - 1	231	-0.0091	837773HG1	7471B	07 Apr 2022 08:33:19	Hg	ug/L
460-255596-d-5-a - 1	592	0.0330	837773HG1	7471B	07 Apr 2022 08:35:07	Hg	ug/L
460-255596-d-6-a - 1	1118	0.0943	837773HG1	7471B	07 Apr 2022 08:36:52	Hg	ug/L
460-255596-d-7-a - 1	475	0.0193	837773HG1	7471B	07 Apr 2022 08:38:36	Hg	ug/L
CCV - 1	42804	99.1% 4.9550	837773HG1	7471B	07 Apr 2022 08:40:20	Hg	ug/L
CCB - 1	-194	-0.0587	837773HG1	7471B	07 Apr 2022 08:42:03	Hg	ug/L
mb 460-837775/1-a - 1	62	-0.0288	837773HG1	7471B	07 Apr 2022 08:43:52	Hg	ug/L
lcssrm 460-837775/2-a@40 - 1	44893	5.1986	837773HG1	7471B	07 Apr 2022 08:45:36	Hg	ug/L
460-255599-a-22-a - 1	570	0.0304	837773HG1	7471B	07 Apr 2022 08:47:20	Hg	ug/L
460-255599-a-22-b du - 1	851	0.0632	837773HG1	7471B	07 Apr 2022 08:49:08	Hg	ug/L
460-255599-a-22-c ms - 1	9314	1.0500	837773HG1	7471B	07 Apr 2022 08:50:52	Hg	ug/L
SD 460-255599-a-22-a@5 - 1	384	0.0087	837773HG1	7471B	07 Apr 2022 08:52:36	Hg	ug/L
460-255596-d-8-a - 1	1277	0.1128	837773HG1	7471B	07 Apr 2022 08:54:22	Hg	ug/L
460-255601-e-1-a - 1	58720	6.8108	837773HG1	7471B	07 Apr 2022 08:56:07	Hg	ug/L
460-255601-d-2-a - 1	289480	HIGH	837773HG1	7471B	07 Apr 2022 08:57:52	Hg	ug/L
460-255601-d-3-a - 1	0	-0.0361	837773HG1	7471B	07 Apr 2022 08:59:23	Hg	ug/L
CCV - 1	40873	94.6% 4.7298	837773HG1	7471B	07 Apr 2022 09:02:59	Hg	ug/L
CCB - 1	-370	-0.0792	837773HG1	7471B	07 Apr 2022 09:04:42	Hg	ug/L
460-255601-d-4-a@10 - 1	8447	0.9489	837773HG1	7471B	07 Apr 2022 09:06:32	Hg	ug/L
460-255601-d-5-a@10 - 1	859	0.0641	837773HG1	7471B	07 Apr 2022 09:08:16	Hg	ug/L

040722TSS

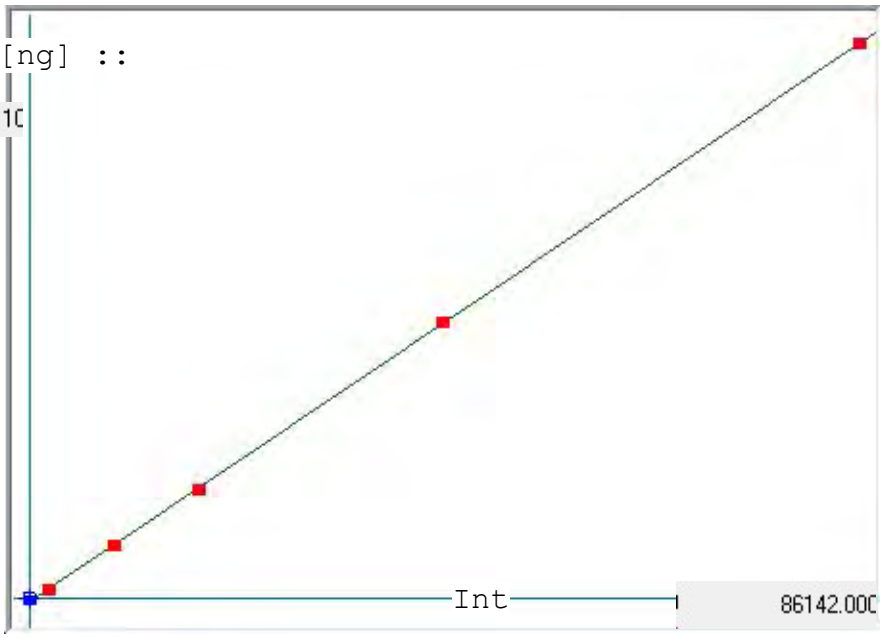
Method: 7471B Operator: Admin Date of Analysis: 07 Apr 2022 05:44:04

Sample ID	µ Abs.	Conc.	Chapter	Method	Date	Element	Units
460-255601-d-6-a@10 - 1	93509	10.867	3837773HG1	7471B	07 Apr 2022 09:10:02	Hg	ug/L
460-255601-e-7-a@10 - 1	6360	0.705	5837773HG1	7471B	07 Apr 2022 09:11:47	Hg	ug/L
460-255601-d-8-a@10 - 1	3067	0.321	5837773HG1	7471B	07 Apr 2022 09:13:37	Hg	ug/L
460-255601-e-9-a@10 - 1	8981	1.011	1837773HG1	7471B	07 Apr 2022 09:15:23	Hg	ug/L
460-255601-e-10-a@10 - 1	18489	2.119	8837773HG1	7471B	07 Apr 2022 09:17:08	Hg	ug/L
460-255599-a-19-a - 1	2220	0.222	8837773HG1	7471B	07 Apr 2022 09:18:55	Hg	ug/L
460-255599-a-23-a - 1	16355	1.871	0837773HG1	7471B	07 Apr 2022 09:20:42	Hg	ug/L
460-255599-a-27-a - 1	2326	0.235	1837773HG1	7471B	07 Apr 2022 09:22:27	Hg	ug/L
CCV - 1	40429	93.6% 4.678	1837773HG1	7471B	07 Apr 2022 09:24:14	Hg	ug/L
CCB - 1	-199	-0.059	3837773HG1	7471B	07 Apr 2022 09:25:58	Hg	ug/L
460-255599-a-28-a - 1	2499	0.255	3837773HG1	7471B	07 Apr 2022 09:27:47	Hg	ug/L
460-255600-a-6-h - 1	456	0.017	1837773HG1	7471B	07 Apr 2022 09:29:32	Hg	ug/L
460-255600-a-12-f - 1	597	0.033	5837773HG1	7471B	07 Apr 2022 09:31:17	Hg	ug/L
460-255600-a-18-g - 1	591	0.032	8837773HG1	7471B	07 Apr 2022 09:33:01	Hg	ug/L
460-255600-a-24-f - 1	769	0.053	6837773HG1	7471B	07 Apr 2022 09:34:45	Hg	ug/L
mb 460-837778/1-a - 1	124	-0.021	6837773HG1	7471B	07 Apr 2022 09:36:30	Hg	ug/L
lcssrm 460-837778/2-a@40 - 1	42392	4.906	9837773HG1	7471B	07 Apr 2022 09:38:14	Hg	ug/L
460-255183-b-2-b - 1	2046	0.202	5837773HG1	7471B	07 Apr 2022 09:39:59	Hg	ug/L
460-255183-b-2-c du - 1	2422	0.246	3837773HG1	7471B	07 Apr 2022 09:41:46	Hg	ug/L
460-255183-b-2-d ms - 1	10773	1.220	1837773HG1	7471B	07 Apr 2022 09:43:32	Hg	ug/L
CCV - 1	41979	97.2% 4.858	8837773HG1	7471B	07 Apr 2022 09:45:17	Hg	ug/L
CCB - 1	-219	-0.061	6837773HG1	7471B	07 Apr 2022 09:47:02	Hg	ug/L
SD 460-255183-b-2-b@5 - 1	747	0.051	0837773HG1	7471B	07 Apr 2022 09:48:50	Hg	ug/L
460-255677-b-8-a - 1	1110	0.093	4837773HG1	7471B	07 Apr 2022 09:50:35	Hg	ug/L
460-255680-d-1-a - 1	2338	0.236	5837773HG1	7471B	07 Apr 2022 09:52:20	Hg	ug/L
460-255680-d-2-a - 1	5634	0.620	9837773HG1	7471B	07 Apr 2022 09:54:05	Hg	ug/L
460-255682-b-2-b - 1	5466	0.601	3837773HG1	7471B	07 Apr 2022 09:55:51	Hg	ug/L
460-255682-a-4-b - 1	2827	0.293	6837773HG1	7471B	07 Apr 2022 09:57:36	Hg	ug/L
460-255715-a-16-b - 1	1615	0.152	2837773HG1	7471B	07 Apr 2022 09:59:22	Hg	ug/L
460-255715-d-17-a - 1	9723	1.097	7837773HG1	7471B	07 Apr 2022 10:01:07	Hg	ug/L
460-255715-c-18-a - 1	3789	0.405	7837773HG1	7471B	07 Apr 2022 10:02:52	Hg	ug/L
460-255746-a-1-a - 1	280	-0.003	4837773HG1	7471B	07 Apr 2022 10:04:39	Hg	ug/L
CCV - 1	42211	97.7% 4.885	8837773HG1	7471B	07 Apr 2022 10:06:24	Hg	ug/L
CCB - 1	-227	-0.062	5837773HG1	7471B	07 Apr 2022 10:08:07	Hg	ug/L
460-255677-b-1-a - 1	1132	0.095	9837773HG1	7471B	07 Apr 2022 10:09:55	Hg	ug/L
460-255677-b-2-a - 1	1954	0.191	8837773HG1	7471B	07 Apr 2022 10:11:40	Hg	ug/L
460-255677-b-3-a - 1	1451	0.133	1837773HG1	7471B	07 Apr 2022 10:13:24	Hg	ug/L
460-255677-b-4-a - 1	677	0.042	9837773HG1	7471B	07 Apr 2022 10:15:09	Hg	ug/L
460-255677-b-5-a - 1	2953	0.308	2837773HG1	7471B	07 Apr 2022 10:16:54	Hg	ug/L
460-255677-b-6-a - 1	964	0.076	3837773HG1	7471B	07 Apr 2022 10:18:39	Hg	ug/L
460-255677-b-7-a - 1	1780	0.171	5837773HG1	7471B	07 Apr 2022 10:20:25	Hg	ug/L
460-255667-d-1-a@3 - 1	33227	3.838	3837773HG1	7471B	07 Apr 2022 10:22:10	Hg	ug/L
460-255667-d-2-a@3 - 1	32718	3.778	9837773HG1	7471B	07 Apr 2022 10:23:55	Hg	ug/L
460-255667-d-3-a - 1	35790	4.137	1837773HG1	7471B	07 Apr 2022 10:25:42	Hg	ug/L
CCV - 1	41603	96.3% 4.814	9837773HG1	7471B	07 Apr 2022 10:27:30	Hg	ug/L
CCB - 1	-238	-0.063	8837773HG1	7471B	07 Apr 2022 10:29:16	Hg	ug/L
460-255667-d-4-a@20 - 1	26831	3.092	5837773HG1	7471B	07 Apr 2022 10:31:06	Hg	ug/L
460-255667-d-5-a@20 - 1	34306	3.964	1837773HG1	7471B	07 Apr 2022 10:32:51	Hg	ug/L
460-255667-d-6-a@3 - 1	55453	6.429	9837773HG1	7471B	07 Apr 2022 10:34:38	Hg	ug/L
460-255667-d-7-a - 1	36521	4.222	4837773HG1	7471B	07 Apr 2022 10:36:25	Hg	ug/L
460-255667-d-8-a - 1	6581	0.731	3837773HG1	7471B	07 Apr 2022 10:38:12	Hg	ug/L
460-255667-d-9-a@3 - 1	48102	5.572	7837773HG1	7471B	07 Apr 2022 10:40:00	Hg	ug/L
460-255667-d-10-a@5 - 1	48455	5.613	9837773HG1	7471B	07 Apr 2022 10:41:48	Hg	ug/L
460-255667-d-12-a@20 - 1	30339	3.501	5837773HG1	7471B	07 Apr 2022 10:43:36	Hg	ug/L
460-255667-d-13-a@5 - 1	50435	5.844	8837773HG1	7471B	07 Apr 2022 10:45:25	Hg	ug/L
460-255667-d-14-a - 1	15161	1.731	7837773HG1	7471B	07 Apr 2022 10:47:12	Hg	ug/L
CCV - 1	42558	98.5% 4.926	3837773HG1	7471B	07 Apr 2022 10:49:01	Hg	ug/L
CCB - 1	-289	-0.069	8837773HG1	7471B	07 Apr 2022 10:50:47	Hg	ug/L
460-255667-d-17-a@3 - 1	44584	5.162	5837773HG1	7471B	07 Apr 2022 10:52:36	Hg	ug/L
460-255667-d-18-a - 1	23474	2.701	1837773HG1	7471B	07 Apr 2022 10:54:21	Hg	ug/L
460-255667-d-19-a@3 - 1	49852	5.776	8837773HG1	7471B	07 Apr 2022 10:56:09	Hg	ug/L
460-255667-d-20-a - 1	19975	2.293	1837773HG1	7471B	07 Apr 2022 10:57:56	Hg	ug/L
460-255601-d-2-a@20 - 1	29204	3.369	2837773HG1	7471B	07 Apr 2022 10:59:44	Hg	ug/L
460-255601-d-3-a@10 - 1	16745	1.916	4837773HG1	7471B	07 Apr 2022 11:01:30	Hg	ug/L
460-255601-d-4-a - 1	72897	8.463	9837773HG1	7471B	07 Apr 2022 11:03:18	Hg	ug/L
460-255601-d-5-a - 1	8852	0.996	1837773HG1	7471B	07 Apr 2022 11:05:05	Hg	ug/L
460-255601-d-6-a@20 - 1	45841	5.309	1837773HG1	7471B	07 Apr 2022 11:06:57	Hg	ug/L
460-255601-e-7-a - 1	54153	6.278	3837773HG1	7471B	07 Apr 2022 11:08:44	Hg	ug/L
CCV - 1	41293	95.6% 4.778	8837773HG1	7471B	07 Apr 2022 11:10:32	Hg	ug/L
CCB - 1	-273	-0.067	9837773HG1	7471B	07 Apr 2022 11:12:20	Hg	ug/L
460-255601-d-8-a - 1	27024	3.115	0837773HG1	7471B	07 Apr 2022 11:14:10	Hg	ug/L
CCV - 1	41780	96.7% 4.835	6837773HG1	7471B	07 Apr 2022 11:15:55	Hg	ug/L
CCB - 1	-293	-0.070	2837773HG1	7471B	07 Apr 2022 11:17:41	Hg	ug/L

7471B

Linear

Max. Hg [ng] ::



A= 0.0000e+000

B= 1.1660e-004

C= -3.6078e-002

Rho= 0.9999815

Accept= Accepted

Accepted Date=

04/07/22 06:47

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
Cal Blank	0.000	-0.024	-0.024	100	0.000	100				
0.2 ug/L	0.200	0.208	0.008	2096	0.0 %	2096				
1.0 ug/L	1.000	1.008	0.008	8957	0.0 %	8957				
2.0 ug/L	2.000	2.031	0.031	17728	0.0 %	17728				
5.0 ug/L	5.000	4.968	-0.032	42919	0.0 %	42919				
10.0 ug/L	10.000	10.008	0.008	86142	0.0 %	86142				

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 838170 Batch Start Date: 04/08/22 15:00 Batch Analyst: Gao, Yong X

Batch Method: 1311 Batch End Date: 04/09/22 07:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EFD_InitialpH	EFD_AddHClpH>5	VesselNumber	FiltCompDate
LB 460-838170/1		1311, 3010A, 6020B		100.00 g	2000 mL	4.92 SU		8	04/08/22
460-255715-B-16	COMP-1	1311, 3010A, 6020B	P	100.09 g	2000 mL	8.55 SU	1.37	9	04/08/22
460-255715-A-17	COMP-2	1311, 3010A, 6020B	P	100.02 g	2000 mL	9.28 SU	1.40	10	04/08/22

Lab Sample ID	Client Sample ID	Method Chain	Basis	FiltCompTime	LeachatepH	ExtractFluid	AnalysisComment		
LB 460-838170/1		1311, 3010A, 6020B		0700	4.91 SU	TF1040522	TCLP fluid #1; prep. 04/05/2022, exp. on 10/05/2022; pH measured on 04/09/2022		
460-255715-B-16	COMP-1	1311, 3010A, 6020B	P	0820	5.14 SU	TF1040522	TCLP fluid #1; prep. 04/05/2022, exp. on 10/05/2022; pH measured on 04/09/2022		
460-255715-A-17	COMP-2	1311, 3010A, 6020B	P	0825	5.03 SU	TF1040522	TCLP fluid #1; prep. 04/05/2022, exp. on 10/05/2022; pH measured on 04/09/2022		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 838170 Batch Start Date: 04/08/22 15:00 Batch Analyst: Gao, Yong X

Batch Method: 1311 Batch End Date: 04/09/22 07:00

Batch Notes	
Thermometer ID	Min/Max S/NC 187675
Tumbler Rotations per Minute	29
Balance ID	13
pH Meter ID	H
Room Temperature Thermometer ID	Ambient ID S72864, Temp 21.3
TCLP Fluid 1 ID	TF1040522; prep on 04/05/22; Exp.10/05/22
TCLP Fluid 1 pH	4.92
1N HCl ID	1N HCl, TCLP 2997, Exp. 09/22/2022
Filter ID	Environmental Express/ 400190-1305-T
Uncorrected Maximum Temperature	21.4 Degrees C
Maximum Temperature	21.4 Degrees C
Uncorrected Minimum Temperature	20.8 Degrees C
Minimum Temperature	20.8 Degrees C

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 838203 Batch Start Date: 04/08/22 19:50 Batch Analyst: Esteban, Gared A

Batch Method: 3050B Batch End Date: 04/09/22 00:50

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_ipmsSPK 00045	ME_LCSS_113 00001		
MB 460-838203/1		3050B, 6020B		1.00 g	100 mL				
LCSSRM 460-838203/2		3050B, 6020B		1.09 g	100 mL		1.09 g		
460-254625-B-1 DU		3050B, 6020B	T	1.30 g	100 mL				
460-254625-B-1 MS		3050B, 6020B	T	1.33 g	100 mL	1 mL			
460-255715-B-16	COMP-1	3050B, 6020B	T	1.24 g	100 mL				
460-255715-A-17	COMP-2	3050B, 6020B	T	1.26 g	100 mL				
460-255715-D-18	COMP-3	3050B, 6020B	T	1.33 g	100 mL				

Batch Notes	
Balance ID	#35
Digestion Tube/Cup ID	J502014-4932 (SCP 50mL.tube)
Pipette/Syringe/Dispenser ID	#22
Analyst ID - Spike Analyst	GE
Hydrochloric Acid ID	0000275677
Nitric Acid ID	0000261535
Hydrogen Peroxide ID	0000262345
Digestion Unit ID	#8
Thermometer ID	Metals-7 (cf +2)
Filter ID	09-790F
Temperature - Uncorrected - Start	88 Uncorr Degrees C
Temperature - Corrected - Start	90 Corr Degrees C
Temperature - Uncorrected - End	88 Uncorr Degrees C
Temperature - Corrected - End	90 Corr Degrees C
Digestion Start Time	04/08/2022 19:50
Digestion End Time	04/08/2022 21:50

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 838311 Batch Start Date: 04/09/22 15:00 Batch Analyst: Gao, Yong X

Batch Method: 1311 Batch End Date: 04/10/22 07:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EFD_InitialpH	EFD_AddHClpH>5	VesselNumber	FiltCompDate
LB 460-838311/1		1311, 3010A, 6020B		100.00 g	2000 mL	4.93 SU		9	04/09/22
460-255715-B-18	COMP-3	1311, 3010A, 6020B	P	100.06 g	2000 mL	9.05 SU	1.41	7	04/09/22

Lab Sample ID	Client Sample ID	Method Chain	Basis	FiltCompTime	LeachatepH	ExtractFluid	AnalysisComment		
LB 460-838311/1		1311, 3010A, 6020B		0700	4.91 SU	TF1040922	TCLP fluid #1; prep. 04/09/2022, exp. on 10/09/2022; pH measured on 04/10/2022		
460-255715-B-18	COMP-3	1311, 3010A, 6020B	P	0710	5.01 SU	TF1040922	TCLP fluid #1; prep. 04/09/2022, exp. on 10/09/2022; pH measured on 04/10/2022		

Batch Notes	
Thermometer ID	Min/Max S/NC 187675
Tumbler Rotations per Minute	29
Balance ID	13
pH Meter ID	H
Room Temperature Thermometer ID	Ambient ID S72864, Temp 21.3
TCLP Fluid 1 ID	TF1040922; prep on 04/09/22; Exp.10/09/22
TCLP Fluid 1 pH	4.93
1N HCl ID	1N HCl, TCLP 3001, Exp. 10/09/2022
Filter ID	Environmental Express/ 400190-1305-T
Uncorrected Maximum Temperature	21.4 Degrees C
Maximum Temperature	21.4 Degrees C
Uncorrected Minimum Temperature	20.8 Degrees C
Minimum Temperature	20.8 Degrees C

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 838311 Batch Start Date: 04/09/22 15:00 Batch Analyst: Gao, Yong X

Batch Method: 1311 Batch End Date: 04/10/22 07:00

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 838313 Batch Start Date: 04/09/22 17:55 Batch Analyst: Esteban, Gared A

Batch Method: 3010A Batch End Date: 04/09/22 22:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_TCLPspk 00052			
MB 460-838313/1		3010A, 6020B		50 mL	50 mL				
LCS 460-838313/2		3010A, 6020B		50 mL	50 mL	0.5 mL			
460-255713-A-7-D DU		3010A, 6020B	P	50 mL	50 mL				
460-255713-A-7-D MS		3010A, 6020B	P	50 mL	50 mL	0.5 mL			
460-255715-B-16-A	COMP-1	3010A, 6020B	P	50 mL	50 mL				
460-255715-A-17-B	COMP-2	3010A, 6020B	P	50 mL	50 mL				
LB 460-838170/1-A		3010A, 6020B		50 mL	50 mL				

Batch Notes	
Digestion Tube/Cup ID	Lot # 2106023-1299-IW (Env. Exp. 100 ml Dg Cups)
Pipette/Syringe/Dispenser ID	#4
Analyst ID - Spike Analyst	GE
Nitric Acid ID	0000261535
Digestion Unit ID	#9
Thermometer ID	Metals 10 (CF -0)
Temperature - Uncorrected - Start	90 uncorr Degrees C
Temperature - Corrected - Start	92 corr Degrees C
Digestion Start Time	04/09/2022 17:55
Digestion End Time	04/09/2022 20:20
Temperature - Uncorrected - End	88 uncorr Degrees C
Temperature - Corrected - End	90 corr Degrees C
Batch Comment	1:1 HCL MPR 393

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 838423 Batch Start Date: 04/10/22 17:25 Batch Analyst: Esteban, Gared A

Batch Method: 3010A Batch End Date: 04/10/22 21:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_TCLPspk 00052			
MB 460-838423/1		3010A, 6020B		50 mL	50 mL				
LCS 460-838423/2		3010A, 6020B		50 mL	50 mL	0.5 mL			
460-255749-F-1-D DU		3010A, 6020B	P	50 mL	50 mL				
460-255749-F-1-D MS		3010A, 6020B	P	50 mL	50 mL	0.5 mL			
460-255715-B-18-A	COMP-3	3010A, 6020B	P	50 mL	50 mL				
LB 460-838311/1-A		3010A, 6020B		50 mL	50 mL				

Batch Notes	
Digestion Tube/Cup ID	Lot # 2106023-1299-IW (Env. Exp. 100 ml Dg Cups)
Pipette/Syringe/Dispenser ID	#4
Analyst ID - Spike Analyst	GE
Nitric Acid ID	0000261535
Digestion Unit ID	#9
Thermometer ID	Metals 10 (CF -0)
Temperature - Uncorrected - Start	90 uncorr Degrees C
Temperature - Corrected - Start	92 corr Degrees C
Digestion Start Time	04/10/2022 17:25
Digestion End Time	04/10/2022 19:55
Temperature - Uncorrected - End	88 uncorr Degrees C
Temperature - Corrected - End	90 corr Degrees C
Batch Comment	1:1 HCL MPR 393

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 838170 Batch Start Date: 04/08/22 15:00 Batch Analyst: Gao, Yong X

Batch Method: 1311 Batch End Date: 04/09/22 07:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EFD_InitialpH	EFD_AddHClpH>5	VesselNumber	FiltCompDate
460-255715-B-16	COMP-1	1311, 7470A, 7470A	P	100.09 g	2000 mL	8.55 SU	1.37	9	04/08/22
460-255715-A-17	COMP-2	1311, 7470A, 7470A	P	100.02 g	2000 mL	9.28 SU	1.40	10	04/08/22

Lab Sample ID	Client Sample ID	Method Chain	Basis	FiltCompTime	LeachatepH	ExtractFluid	AnalysisComment		
460-255715-B-16	COMP-1	1311, 7470A, 7470A	P	0820	5.14 SU	TF1040522	TCLP fluid #1; prep. 04/05/2022, exp. on 10/05/2022; pH measured on 04/09/2022		
460-255715-A-17	COMP-2	1311, 7470A, 7470A	P	0825	5.03 SU	TF1040522	TCLP fluid #1; prep. 04/05/2022, exp. on 10/05/2022; pH measured on 04/09/2022		

Batch Notes	
Thermometer ID	Min/Max S/NC 187675
Tumbler Rotations per Minute	29
Balance ID	13
pH Meter ID	H
Room Temperature Thermometer ID	Ambient ID S72864, Temp 21.3
TCLP Fluid 1 ID	TF1040522; prep on 04/05/22; Exp.10/05/22
TCLP Fluid 1 pH	4.92
1N HCl ID	1N HCl, TCLP 2997, Exp. 09/22/2022
Filter ID	Environmental Express/ 400190-1305-T
Uncorrected Maximum Temperature	21.4 Degrees C
Maximum Temperature	21.4 Degrees C
Uncorrected Minimum Temperature	20.8 Degrees C
Minimum Temperature	20.8 Degrees C

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 838170 Batch Start Date: 04/08/22 15:00 Batch Analyst: Gao, Yong X

Batch Method: 1311 Batch End Date: 04/09/22 07:00

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 838311 Batch Start Date: 04/09/22 15:00 Batch Analyst: Gao, Yong X

Batch Method: 1311 Batch End Date: 04/10/22 07:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EFD_InitialpH	EFD_AddHClpH>5	VesselNumber	FiltCompDate
LB 460-838311/1		1311, 7470A, 7470A		100.00 g	2000 mL	4.93 SU		9	04/09/22
460-255715-B-18	COMP-3	1311, 7470A, 7470A	P	100.06 g	2000 mL	9.05 SU	1.41	7	04/09/22

Lab Sample ID	Client Sample ID	Method Chain	Basis	FiltCompTime	LeachatepH	ExtractFluid	AnalysisComment		
LB 460-838311/1		1311, 7470A, 7470A		0700	4.91 SU	TF1040922	TCLP fluid #1; prep. 04/09/2022, exp. on 10/09/2022; pH measured on 04/10/2022		
460-255715-B-18	COMP-3	1311, 7470A, 7470A	P	0710	5.01 SU	TF1040922	TCLP fluid #1; prep. 04/09/2022, exp. on 10/09/2022; pH measured on 04/10/2022		

Batch Notes	
Thermometer ID	Min/Max S/NC 187675
Tumbler Rotations per Minute	29
Balance ID	13
pH Meter ID	H
Room Temperature Thermometer ID	Ambient ID S72864, Temp 21.3
TCLP Fluid 1 ID	TF1040922; prep on 04/09/22; Exp.10/09/22
TCLP Fluid 1 pH	4.93
1N HCl ID	1N HCl, TCLP 3001, Exp. 10/09/2022
Filter ID	Environmental Express/ 400190-1305-T
Uncorrected Maximum Temperature	21.4 Degrees C
Maximum Temperature	21.4 Degrees C
Uncorrected Minimum Temperature	20.8 Degrees C
Minimum Temperature	20.8 Degrees C

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 838311 Batch Start Date: 04/09/22 15:00 Batch Analyst: Gao, Yong X

Batch Method: 1311 Batch End Date: 04/10/22 07:00

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 838498 Batch Start Date: 04/11/22 09:30 Batch Analyst: Sheikh, Razia B

Batch Method: 245.1 Batch End Date: 04/11/22 13:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 04034	ME_DQCS-INT 03771		
ICV 460-838498/29		245.1, 7470A		30 mL	30 mL		1.5 mL		
CRI 460-838498/30		245.1, 7470A		30 mL	30 mL	0.06 mL			
CCV 460-838498/33		245.1, 7470A		30 mL	30 mL	1.5 mL			

Batch Notes	
Digestion Tube/Cup ID	j504315-4932
Pipette/Syringe/Dispenser ID	95
Nitric Acid ID	22a2562002 (0.75 ml)
Sulfuric Acid Lot Number	0000276386 (1.5 ml)
Potassium Permanganate ID	ME_potPermSol_00220(4.5 ml)
Potassium Persulfate ID	ME_PotPersSol_00075(2.4 ml)
Digestion Unit ID	11
Thermometer ID	Hg-3(cf-2)
Temperature - Uncorrected - Start	97 Degrees C
Temperature - Corrected - Start	95 Degrees C
Digestion Start Time	04/11/2022 10:45
Digestion End Time	04/11/2022 12:45
Temperature - Uncorrected - End	97 Degrees C
Temperature - Corrected - End	95 Degrees C
Hydroxylamine ID	ME_NACLHYDHCL_00210(1.8 ml)

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 838522 Batch Start Date: 04/11/22 09:30 Batch Analyst: Sheikh, Razia B

Batch Method: 7470A Batch End Date: 04/11/22 13:37

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_HG_TCLP 03024			
MB 460-838522/1		7470A, 7470A		30 mL	30 mL				
LCS 460-838522/2		7470A, 7470A		30 mL	30 mL	0.3 mL			
460-255598-E-1-D DU		7470A, 7470A	P	30 mL	30 mL				
460-255598-E-1-D MS		7470A, 7470A	P	30 mL	30 mL	0.3 mL			
460-255715-B-16-A	COMP-1	7470A, 7470A	P	30 mL	30 mL				
460-255715-A-17-B	COMP-2	7470A, 7470A	P	30 mL	30 mL				
460-255715-B-18-A	COMP-3	7470A, 7470A	P	30 mL	30 mL				
LB 460-838311/1-A		7470A, 7470A		30 mL	30 mL				

Batch Notes	
Digestion Tube/Cup ID	J504315-4932
Pipette/Syringe/Dispenser ID	95
Nitric Acid ID	22a2562002(0.75 ml)
Sulfuric Acid ID	0000276386(1.5 ml)
Potassium Permanganate ID	ME_PotPermsol_000220(4.5 ml)
Potassium Persulfate ID	ME-POTperssol_00075(2.4 ml)
Digestion Unit ID	11
Thermometer ID	HG-3(cf-2)
Temperature - Uncorrected - Start	97 Degrees C
Temperature - Corrected - Start	95 Degrees C
Digestion Start Time	12.00
Digestion End Time	14.00
Temperature - Uncorrected - End	97 Degrees C
Temperature - Corrected - End	95 Degrees C
Hydroxylamine ID	ME_NACLHYDHCL_00210(1.8 ml)

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 838522 Batch Start Date: 04/11/22 09:30 Batch Analyst: Sheikh, Razia B

Batch Method: 7470A Batch End Date: 04/11/22 13:37

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 837778 Batch Start Date: 04/07/22 04:03 Batch Analyst: Staib, Thomas

Batch Method: 7471B Batch End Date: 04/07/22 06:53

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 04032	ME_LCSS_113 00001		
MB 460-837778/1		7471B, 7471B		0.60 g	50 mL				
LCSSRM 460-837778/2		7471B, 7471B		0.60 g	50 mL		0.6 g		
460-255183-B-2 DU		7471B, 7471B	T	0.63 g	50 mL				
460-255183-B-2 MS		7471B, 7471B	T	0.63 g	50 mL	0.5 mL			
460-255715-A-16	COMP-1	7471B, 7471B	T	0.61 g	50 mL				
460-255715-D-17	COMP-2	7471B, 7471B	T	0.62 g	50 mL				
460-255715-C-18	COMP-3	7471B, 7471B	T	0.60 g	50 mL				

Batch Notes	
Balance ID	#33
Digestion Tube/Cup ID	530894-2104 (50ML Digi Tubes)
Pipette/Syringe/Dispenser ID	#95
Analyst ID - Spike Analyst	TS
Hydrochloric Acid ID	0000285484
Nitric Acid ID	0000261535
Potassium Permanganate ID	ME_PotPermSol_00219
Digestion Unit ID	#12
Thermometer ID	Metals-8
Temperature - Uncorrected - Start	98 Uncorr Degrees C
Temperature - Corrected - Start	98 Corr Degrees C
Digestion Start Time	04/07/2022 05:50
Digestion End Time	04/07/2022 06:20
Temperature - Uncorrected - End	98 UNcorr Degrees C
Temperature - Corrected - End	98 Corr Degrees C
Hydroxylamine ID	ME_NACLHYDLHCL_00208
Batch Comment	ME_10%HCL_00173

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-255715-1

SDG No.:

Project: Bridge Cleaners

Client Sample ID	Lab Sample ID
SB-8 (0-5)	460-255715-1
SB-8 (8-8.5)	460-255715-2
SB-11 (4-4.5)	460-255715-3
SB-11 (9.5-10)	460-255715-4
SB-14 (4-5)	460-255715-5
SB-14 (6-10)	460-255715-6
SB-15 (3-5)	460-255715-7
SB-15 (12-13)	460-255715-8
SB-9 (4-5)	460-255715-9
SB-12 (0-5)	460-255715-10
SB-12 (7-8)	460-255715-11
SB-10(2.5-5)	460-255715-12
SB-13 (2-2.5)	460-255715-13
SB-13 (7-7.5)	460-255715-14
SB-16 (3-5)	460-255715-15
COMP-1	460-255715-16
COMP-2	460-255715-17
COMP-3	460-255715-18
COMP-4	460-255715-19

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: COMP-4 | Lab Sample ID: 460-255715-19

Lab Name: Eurofins Edison | Job No.: 460-255715-1

SDG ID.:

Matrix: Solid | Date Sampled: 04/05/2022 13:45

Reporting Basis: WET | Date Received: 04/05/2022 18:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Reactive	25.0	25.0	25.0	mg/Kg	U		1	9014
	Sulfide, Reactive	20.0	20.0	20.0	mg/Kg	U		1	9034
	Burn Rate	2.20	2.20	2.20	mm/sec	U		1	1030
	pH	7.4			SU		HF	1	9045D
	Temperature	20.9			Degrees C		HF	1	9045D
	Corrosivity	7.4			SU		HF	1	9045D
	Free Liquid	0.500	0.500	0.500	mL/100g	U		1	9095B

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Analyst: KSS Batch Start Date: 04/09/2022

Reporting Units: Degrees C Analytical Batch No.: 838253

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	CCV	11:00	Temperature	23.2					
11	CCV	11:20	Temperature	23.2					

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Analyst: KSS Batch Start Date: 04/09/2022

Reporting Units: SU Analytical Batch No.: 838253

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	CCV	11:00	pH	7.0	7.00	100	99-101		WTpHCCV_00039
			Corrosivity	7.0	7.00	100	99-101		WTpHCCV_00039
11	CCV	11:20	pH	7.0	7.00	100	99-101		WTpHCCV_00039
			Corrosivity	7.0	7.00	100	99-101		WTpHCCV_00039

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 838755	Date: 04/12/2022 16:52	Prep Batch: 838742	Date: 04/12/2022 14:22				
9014	MB 460-838742/1-A	Cyanide, Reactive	25.0	U	mg/Kg	25.0	1
Batch ID: 838754	Date: 04/12/2022 16:50	Prep Batch: 838741	Date: 04/12/2022 14:16				
9034	MB 460-838741/1-A	Sulfide, Reactive	20.0	U	mg/Kg	20.0	1
Batch ID: 838253	Date: 04/09/2022 11:02						
9045D	MB 460-838253/2	pH	6.4		SU		1
9045D	MB 460-838253/2	Temperature	22.1		Degrees C		1
9045D	MB 460-838253/2	Corrosivity	6.4		SU		1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 838754 Date: 04/12/2022 16:50			Prep Batch: 838741		Date: 04/12/2022 14:16						
9034	460-255790-K-1-B	Sulfide, Reactive	20.0	U	mg/Kg						
9034	460-255790-K-1-B MS	Sulfide, Reactive	322.1		mg/Kg	352	91	64-136			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 838754 Date: 04/12/2022 16:50			Prep Batch: 838741		Date: 04/12/2022 14:16						
9034	460-255790-K-1-C MSD	Sulfide, Reactive	322.1		mg/Kg	352	91	64-136	0	10	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 838418 Date: 04/10/2022 15:18								
1030		460-255598-C-1	Burn Rate	2.20	mm/sec			U
1030		460-255598-C-1 DU	Burn Rate	2.20	mm/sec	NC	10	U
Batch ID: 838755 Date: 04/12/2022 16:52 Prep Batch: 838742 Date: 04/12/2022 14:22								
9014		460-255873-B-1-I	Cyanide, Reactive	25.0	mg/Kg			U
9014		460-255873-B-1-I DU	Cyanide, Reactive	25.0	mg/Kg	NC	10	U
Batch ID: 838253 Date: 04/09/2022 11:01								
9045D	COMP-4	460-255715-19	pH	7.4	SU			
9045D	COMP-4	460-255715-19 DU	pH	7.4	SU	0	10	
9045D	COMP-4	460-255715-19	Temperature	20.9	Degrees C			
9045D	COMP-4	460-255715-19 DU	Temperature	20.9	Degrees C	0	10	
9045D	COMP-4	460-255715-19	Corrosivity	7.4	SU			
9045D	COMP-4	460-255715-19 DU	Corrosivity	7.4	SU	0	10	
Batch ID: 838069 Date: 04/08/2022 10:41								
9095B		460-255216-K-1	Free Liquid	0.500	mL/100 g			U
9095B		460-255216-K-1 DU	Free Liquid	0.500	mL/100 g	NC	10	U

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 838755	Date: 04/12/2022 16:52		Prep Batch: 838742			Date: 04/12/2022 14:22					
						LCS Source: WTcreacSP_00033					
9014	LCS 460-838742/2-A	Cyanide, Reactive	25.0	U	mg/Kg	40.0	12	10-100			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 838754	Date: 04/12/2022 16:50		Prep Batch: 838741			Date: 04/12/2022 14:16					
						LCS Source: WTsfideLCS_00084					
9034	LCSSRM 460-838741/3-A	Sulfide, Reactive	64.83		mg/Kg	70.9	91.4	46.7-142.5			
Batch ID: 838253	Date: 04/09/2022 11:04										
						LCS Source: WTpHLCS_00027					
9045D	LCSSRM 460-838253/3	pH	6.4		SU	6.27	101.3	96.8-103.2			
9045D	LCSSRM 460-838253/3	Corrosivity	6.4		SU	6.27	101.3	96.8-103.2			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-255715-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9014 RL Date: 01/01/2007 12:22

Prep Method: 7.3.3

Analyte	Wavelength/ Mass	RL (mg/Kg)	
Cyanide, Reactive		25	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-255715-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9014 XRL Date: 01/07/2009 10:56

Analyte	Wavelength/ Mass	XRL (mg/L)	
Cyanide, Reactive		25	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-255715-1

SDG Number:

Matrix: Solid Instrument ID: CBNAMS15

Method: 9034 MDL Date: 04/16/2021 18:08

Prep Method: 7.3.4

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Sulfide, Reactive		20	11.7

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-255715-1

SDG Number:

Matrix: Solid Instrument ID: CBNAMS15

Method: 9034 XRL Date: 01/07/2009 11:22

Analyte	Wavelength/ Mass	XRL (mg/L)	
Sulfide, Reactive		20	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-255715-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 1030 RL Date: 01/01/2007 17:12

Analyte	Wavelength/ Mass	RL (mm/sec)	
Burn Rate		2.2	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-255715-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9045D RL Date: 01/01/2007 09:42

Analyte	Wavelength/ Mass	RL (Degrees C)	
Temperature		0.1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-255715-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9045D XRL Date: 01/01/2019 18:42

Analyte	Wavelength/ Mass	XRL (Degrees C)	
Temperature		0.1	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-255715-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9045D RL Date: 01/01/2007 09:42

Analyte	Wavelength/ Mass	RL (SU)	
Corrosivity		0.1	
pH		0.1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-255715-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9045D XRL Date: 01/01/2019 18:42

Analyte	Wavelength/ Mass	XRL (SU)	
Corrosivity		0.1	
pH		0.1	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-255715-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9095B RL Date: 11/16/2006 11:54

Analyte	Wavelength/ Mass	RL (mL/100g)	
Free Liquid		0.5	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-255715-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-255715-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Prep Method: 7.3.4

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-838741/1-A	04/12/2022 14:16	838741	10		50
LCSSRM 460-838741/3-A	04/12/2022 14:16	838741	10		50
460-255715-19	04/12/2022 14:16	838741	10		50
460-255790-K-1-B MS	04/12/2022 14:16	838741	10		50
460-255790-K-1-C MSD	04/12/2022 14:16	838741	10		50

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Prep Method: 7.3.3

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-838742/1-A	04/12/2022 14:22	838742	10		50
LCS 460-838742/2-A	04/12/2022 14:22	838742	10		50
460-255715-19	04/12/2022 14:22	838742	10		50
460-255873-B-1-I DU	04/12/2022 14:22	838742	10		50

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: NOEQUIP Method: 9014

Start Date: 04/12/2022 16:52 End Date: 04/12/2022 16:52

Lab Sample ID	D / F	Type	Time	Analytes																			
				CNReac																			
MB 460-838742/1-A	1	T	16:52	X																			
LCS 460-838742/2-A	1	T	16:52	X																			
ZZZZZZ			16:52																				
ZZZZZZ			16:52																				
ZZZZZZ			16:52																				
ZZZZZZ			16:52																				
ZZZZZZ			16:52																				
ZZZZZZ			16:52																				
ZZZZZZ			16:52																				
460-255715-19	1	T	16:52	X																			
ZZZZZZ			16:52																				
ZZZZZZ			16:52																				
ZZZZZZ			16:52																				
ZZZZZZ			16:52																				
ZZZZZZ			16:52																				
ZZZZZZ			16:52																				
460-255873-B-1-I DU	1	T	16:52	X																			
ZZZZZZ			16:52																				
ZZZZZZ			16:52																				
ZZZZZZ			16:52																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: CBNAMS15 Method: 9034

Start Date: 04/12/2022 16:50 End Date: 04/12/2022 16:50

Lab Sample ID	D / F	Type	Time	Analytes																			
				S2Reac																			
MB 460-838741/1-A	1	T	16:50	X																			
ZZZZZZ			16:50																				
LCSSRM 460-838741/3-A	1	T	16:50	X																			
ZZZZZZ			16:50																				
ZZZZZZ			16:50																				
ZZZZZZ			16:50																				
ZZZZZZ			16:50																				
ZZZZZZ			16:50																				
ZZZZZZ			16:50																				
ZZZZZZ			16:50																				
460-255715-19	1	T	16:50	X																			
ZZZZZZ			16:50																				
460-255790-K-1-B MS	1	T	16:50	X																			
460-255790-K-1-C MSD	1	T	16:50	X																			
ZZZZZZ			16:50																				
ZZZZZZ			16:50																				
ZZZZZZ			16:50																				
ZZZZZZ			16:50																				
ZZZZZZ			16:50																				
ZZZZZZ			16:50																				
ZZZZZZ			16:50																				
ZZZZZZ			16:50																				
ZZZZZZ			16:50																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: NOEQUIP Method: 1030

Start Date: 04/10/2022 15:18 End Date: 04/10/2022 15:18

Lab Sample ID	D / F	Type	Time	Analytes																			
				Burn																			
ZZZZZZ			15:18																				
ZZZZZZ			15:18																				
ZZZZZZ			15:18																				
ZZZZZZ			15:18																				
460-255598-C-1 DU	1	T	15:18	X																			
ZZZZZZ			15:18																				
ZZZZZZ			15:18																				
ZZZZZZ			15:18																				
ZZZZZZ			15:18																				
ZZZZZZ			15:18																				
ZZZZZZ			15:18																				
460-255715-19	1	T	15:18	X																			
ZZZZZZ			15:18																				
ZZZZZZ			15:18																				
ZZZZZZ			15:18																				
ZZZZZZ			15:18																				
ZZZZZZ			15:18																				
ZZZZZZ			15:18																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: NOEQUIP Method: 9045D

Start Date: 04/09/2022 11:00 End Date: 04/09/2022 11:38

Lab Sample ID	D / F	Type	Time	Analytes																			
				Color	pH	Temp																	
CCV 460-838253/1	1		11:00	X	X	X																	
460-255715-19 DU	1	T	11:01	X	X	X																	
MB 460-838253/2	1	T	11:02	X	X	X																	
LCSSRM 460-838253/3	1	T	11:04	X	X	X																	
ZZZZZZ			11:06																				
460-255715-19	1	T	11:08	X	X	X																	
ZZZZZZ			11:12																				
ZZZZZZ			11:14																				
ZZZZZZ			11:16																				
ZZZZZZ			11:18																				
CCV 460-838253/11	1		11:20	X	X	X																	
ZZZZZZ			11:22																				
ZZZZZZ			11:24																				
ZZZZZZ			11:26																				
ZZZZZZ			11:28																				
ZZZZZZ			11:30																				
ZZZZZZ			11:32																				
ZZZZZZ			11:34																				
ZZZZZZ			11:36																				
CCV 460-838253/20			11:38																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: NOEQUIP Method: 9095B

Start Date: 04/08/2022 10:41 End Date: 04/08/2022 10:43

Lab Sample ID	D / F	Type	Time	Analytes																			
				PF																			
ZZZZZZ			10:41																				
460-255216-K-1 DU	1	T	10:41	X																			
ZZZZZZ			10:41																				
ZZZZZZ			10:41																				
ZZZZZZ			10:41																				
ZZZZZZ			10:41																				
ZZZZZZ			10:41																				
ZZZZZZ			10:41																				
ZZZZZZ			10:41																				
ZZZZZZ			10:41																				
ZZZZZZ			10:41																				
ZZZZZZ			10:41																				
ZZZZZZ			10:41																				
ZZZZZZ			10:41																				
460-255715-19	1	T	10:43	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/06/2022 16:39 End Date: 04/06/2022 16:39

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			16:39																				
ZZZZZZ			16:39																				
ZZZZZZ			16:39																				
ZZZZZZ			16:39																				
ZZZZZZ			16:39																				
ZZZZZZ			16:39																				
460-255715-1	1	T	16:39	X	X																		
460-255715-2	1	T	16:39	X	X																		
460-255715-3	1	T	16:39	X	X																		
460-255715-4	1	T	16:39	X	X																		
460-255715-5	1	T	16:39	X	X																		
460-255715-6	1	T	16:39	X	X																		
460-255715-7	1	T	16:39	X	X																		
460-255715-8	1	T	16:39	X	X																		
460-255715-9	1	T	16:39	X	X																		
460-255715-10	1	T	16:39	X	X																		
460-255715-11	1	T	16:39	X	X																		
460-255715-12	1	T	16:39	X	X																		
460-255715-13	1	T	16:39	X	X																		
460-255715-14	1	T	16:39	X	X																		
460-255715-15	1	T	16:39	X	X																		
460-255715-15 DU	1	T	16:39	X	X																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/06/2022 17:41 End Date: 04/06/2022 18:13

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			17:41																				
460-255715-16	1	T	17:41	X	X																		
460-255715-17	1	T	17:41	X	X																		
460-255715-18	1	T	17:41	X	X																		
460-255715-19	1	T	17:41	X	X																		
ZZZZZZ			17:41																				
ZZZZZZ			17:41																				
ZZZZZZ			17:41																				
ZZZZZZ			17:41																				
ZZZZZZ			17:41																				
ZZZZZZ			17:41																				
ZZZZZZ			17:41																				
ZZZZZZ			17:41																				
ZZZZZZ			17:41																				
ZZZZZZ			17:41																				
ZZZZZZ			17:41																				
ZZZZZZ			17:41																				
ZZZZZZ			17:41																				
460-255388-A-4 MS	1	T	17:41	X	X																		
460-255388-A-4 MSD	1	T	17:41	X	X																		
ZZZZZZ			17:41																				
ZZZZZZ			17:41																				
ZZZZZZ			18:13																				
460-255388-A-7 DU	1	T	18:13	X	X																		
ZZZZZZ			18:13																				

Prep Types

T = Total/NA

General Chemistry Raw Data Report

Job ID: 460-255715-1

Batch: 838755
Method: 9014

Analyst Initials: YAH
Instrument: No Equipment

Lab Sample ID: MB 460-838742/1-A

Analysis Date: Apr 12, 2022 16:52

Analyte	Detector	Dilution	Raw Result	Unit	Initial Amount	Final Amount
Cyanide, Reactive	None	1	0	mg/L	10 g	50 mL

Lab Sample ID: LCS 460-838742/2-A

Analysis Date: Apr 12, 2022 16:52

Analyte	Detector	Dilution	Raw Result	Unit	Initial Amount	Final Amount
Cyanide, Reactive	None	1	0.993964	mg/L	10 g	50 mL

Lab Sample ID: 460-255715-C-19-B

Analysis Date: Apr 12, 2022 16:52

Analyte	Detector	Dilution	Raw Result	Unit	Initial Amount	Final Amount
Cyanide, Reactive	None	1	0	mg/L	10 g	50 mL

Lab Sample ID: 460-255873-B-1-I DU

Analysis Date: Apr 12, 2022 16:52

Analyte	Detector	Dilution	Raw Result	Unit	Initial Amount	Final Amount
Cyanide, Reactive	None	1	0	mg/L	10 g	50 mL

Batch: 838754
Method: 9034

Analyst Initials: YAH
Instrument: CBNAMS15

Lab Sample ID: MB 460-838741/1-A

Analysis Date: Apr 12, 2022 16:50

Analyte	Detector	Dilution	Raw Result	Unit	Initial Amount	Final Amount
Sulfide, Reactive	MSD	1	0.859208000000008	mg/L	10 g	50 mL

Lab Sample ID: LCSSRM 460-838741/3-A

Analysis Date: Apr 12, 2022 16:50

Analyte	Detector	Dilution	Raw Result	Unit	Initial Amount	Final Amount
Sulfide, Reactive	MSD	1	12.965064	mg/L	10 g	50 mL

Lab Sample ID: 460-255715-C-19-A

Analysis Date: Apr 12, 2022 16:50

Analyte	Detector	Dilution	Raw Result	Unit	Initial Amount	Final Amount
Sulfide, Reactive	MSD	1	0.859208000000008	mg/L	10 g	50 mL

Lab Sample ID: 460-255790-K-1-B MS

Analysis Date: Apr 12, 2022 16:50

Analyte	Detector	Dilution	Raw Result	Unit	Initial Amount	Final Amount
Sulfide, Reactive	MSD	1	64.414952	mg/L	10 g	50 mL

Lab Sample ID: 460-255790-K-1-C MSD

Analysis Date: Apr 12, 2022 16:50

Analyte	Detector	Dilution	Raw Result	Unit	Initial Amount	Final Amount
Sulfide, Reactive	MSD	1	64.414952	mg/L	10 g	50 mL

Batch: 838418
Method: 1030

Analyst Initials: YXG
Instrument: No Equipment

Lab Sample ID: 460-255598-C-1 DU

Analysis Date: Apr 10, 2022 15:18

Analyte	Detector	Dilution	Raw Result	Unit
Burn Rate	None	1	0	mm/sec

Lab Sample ID: 460-255715-C-19

Analysis Date: Apr 10, 2022 15:18

Analyte	Detector	Dilution	Raw Result	Unit
Burn Rate	None	1	0	mm/sec

Batch: 838253
Method: 9045D

Analyst Initials: KSS
Instrument: No Equipment

Lab Sample ID: CCV 460-838253/1

Analysis Date: Apr 09, 2022 11:00

Analyte	Detector	Dilution	Raw Result	Unit	Initial Amount	Final Amount
pH	None	1	7.01	SU	20 g	20 mL
Temperature	None	1	23.2	Degrees C	20 g	20 mL
Corrosivity	None	1	7.01	SU	20 g	20 mL

Lab Sample ID: 460-255715-C-19 DU

Analysis Date: Apr 09, 2022 11:01

Analyte	Detector	Dilution	Raw Result	Unit	Initial Amount	Final Amount
pH	None	1	7.44	SU	20 g	20 mL
Temperature	None	1	20.9	Degrees C	20 g	20 mL
Corrosivity	None	1	7.44	SU	20 g	20 mL

Lab Sample ID: MB 460-838253/2

Analysis Date: Apr 09, 2022 11:02

Analyte	Detector	Dilution	Raw Result	Unit	Initial Amount	Final Amount
pH	None	1	6.36	SU	20 g	20 mL
Temperature	None	1	22.1	Degrees C	20 g	20 mL
Corrosivity	None	1	6.36	SU	20 g	20 mL

Lab Sample ID: LCSSRM 460-838253/3

Analysis Date: Apr 09, 2022 11:04

Analyte	Detector	Dilution	Raw Result	Unit	Initial Amount	Final Amount
pH	None	1	6.35	SU	20 g	20 mL
Temperature	None	1	21.2	Degrees C	20 g	20 mL
Corrosivity	None	1	6.35	SU	20 g	20 mL

Lab Sample ID: 460-255715-C-19

Analysis Date: Apr 09, 2022 11:08

Analyte	Detector	Dilution	Raw Result	Unit	Initial Amount	Final Amount
pH	None	1	7.44	SU	20 g	20 mL
Temperature	None	1	20.9	Degrees C	20 g	20 mL
Corrosivity	None	1	7.44	SU	20 g	20 mL

Lab Sample ID: CCV 460-838253/11

Analysis Date: Apr 09, 2022 11:20

Analyte	Detector	Dilution	Raw Result	Unit	Initial Amount	Final Amount
pH	None	1	7.01	SU	20 g	20 mL
Temperature	None	1	23.2	Degrees C	20 g	20 mL
Corrosivity	None	1	7.01	SU	20 g	20 mL

General Chemistry Raw Data Report

Job ID: 460-255715-1

Batch: 838069
Method: 9095B

Analyst Initials: YAH
Instrument: No Equipment

Lab Sample ID: 460-255216-K-1 DU

Analysis Date: Apr 08, 2022 10:41

Analyte	Detector	Dilution	Raw Result	Unit	Final Amount
Free Liquid	None	1	0	mL/100g	100 g

Lab Sample ID: 460-255715-C-19

Analysis Date: Apr 08, 2022 10:43

Analyte	Detector	Dilution	Raw Result	Unit	Final Amount
Free Liquid	None	1	0	mL/100g	100 g

Batch: 837678
Method: Moisture

Analyst Initials: CJC
Instrument: No Equipment

Lab Sample ID: 460-255715-B-1

Analysis Date: Apr 06, 2022 16:39

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	7.1266968325792	%
Percent Solids	None	1	92.8733031674208	%

Lab Sample ID: 460-255715-B-2

Analysis Date: Apr 06, 2022 16:39

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	2.9209621993127	%
Percent Solids	None	1	97.0790378006873	%

Lab Sample ID: 460-255715-B-3

Analysis Date: Apr 06, 2022 16:39

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	12.1160409556314	%
Percent Solids	None	1	87.8839590443686	%

Lab Sample ID: 460-255715-B-4

Analysis Date: Apr 06, 2022 16:39

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	1.5228426395939	%
Percent Solids	None	1	98.4771573604061	%

Lab Sample ID: 460-255715-B-5

Analysis Date: Apr 06, 2022 16:39

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	7.73195876288661	%
Percent Solids	None	1	92.2680412371134	%

Lab Sample ID: 460-255715-B-6

Analysis Date: Apr 06, 2022 16:39

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	5.3072625698324	%
Percent Solids	None	1	94.6927374301676	%

Lab Sample ID: 460-255715-B-7

Analysis Date: Apr 06, 2022 16:39

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	14.0549273021002	%
Percent Solids	None	1	85.9450726978998	%

Batch: 837678 (Continued)
Method: Moisture

Analyst Initials: CJC
Instrument: No Equipment

Lab Sample ID: 460-255715-B-8

Analysis Date: Apr 06, 2022 16:39

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	13.5678391959799	%
Percent Solids	None	1	86.4321608040201	%

Lab Sample ID: 460-255715-B-9

Analysis Date: Apr 06, 2022 16:39

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	0.465657741559895	%
Percent Solids	None	1	99.5343422584401	%

Lab Sample ID: 460-255715-B-10

Analysis Date: Apr 06, 2022 16:39

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	11.1825192802057	%
Percent Solids	None	1	88.8174807197943	%

Lab Sample ID: 460-255715-B-11

Analysis Date: Apr 06, 2022 16:39

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	15.1658767772512	%
Percent Solids	None	1	84.8341232227488	%

Lab Sample ID: 460-255715-B-12

Analysis Date: Apr 06, 2022 16:39

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	5.28052805280529	%
Percent Solids	None	1	94.7194719471947	%

Lab Sample ID: 460-255715-B-13

Analysis Date: Apr 06, 2022 16:39

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	4.9152542372881	%
Percent Solids	None	1	95.0847457627119	%

Lab Sample ID: 460-255715-B-14

Analysis Date: Apr 06, 2022 16:39

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	15.8774373259053	%
Percent Solids	None	1	84.1225626740947	%

Lab Sample ID: 460-255715-B-15

Analysis Date: Apr 06, 2022 16:39

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	8.8235294117647	%
Percent Solids	None	1	91.1764705882353	%

Lab Sample ID: 460-255715-B-15 DU

Analysis Date: Apr 06, 2022 16:39

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	12.2015915119363	%
Percent Solids	None	1	87.7984084880637	%

General Chemistry Raw Data Report

Job ID: 460-255715-1

Batch: 837704 **Analyst Initials: CJC**

Method: Moisture **Instrument: No Equipment**

Lab Sample ID: 460-255715-C-16

Analysis Date: Apr 06, 2022 17:41

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	6.1946902654867	%
Percent Solids	None	1	93.8053097345133	%

Lab Sample ID: 460-255715-D-17

Analysis Date: Apr 06, 2022 17:41

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	5.27182866556841	%
Percent Solids	None	1	94.7281713344316	%

Lab Sample ID: 460-255715-C-18

Analysis Date: Apr 06, 2022 17:41

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	6.1654135338346	%
Percent Solids	None	1	93.8345864661654	%

Lab Sample ID: 460-255715-C-19

Analysis Date: Apr 06, 2022 17:41

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	4.58135860979461	%
Percent Solids	None	1	95.4186413902054	%

Lab Sample ID: 460-255388-A-4 MS

Analysis Date: Apr 06, 2022 17:41

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	24.2016806722689	%
Percent Solids	None	1	75.7983193277311	%

Lab Sample ID: 460-255388-A-4 MSD

Analysis Date: Apr 06, 2022 17:41

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	24.2016806722689	%
Percent Solids	None	1	75.7983193277311	%

Lab Sample ID: 460-255388-A-7 DU

Analysis Date: Apr 06, 2022 18:13

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	20.9480122324159	%
Percent Solids	None	1	79.0519877675841	%

Batch	Job	Sample	Heater Base	Solid	BL	PH1	PH2	temp	time
1.68		CCV					7.01	23.2	11:00
4.01		MB					6.36	22.1	11:02
1.00		LCSSRM					6.35	21.2	11:04
10.04		255713-7					6.81	21.1	11:06
12.56		255715-19					7.44	20.9	11:08
		-19 DU					7.44	20.9	11:10
	23233	255746-1					8.75	20.8	11:12
		255659-1					8.61	21.1	11:14
		255758-1					7.90	21.0	11:16
		-2					7.59	20.7	11:18
		CCV					7.01	23.2	11:20
		255759-3					8.47	21.2	11:22
		-4					7.11	20.8	11:24
		-5					7.64	21.1	11:26
		-6					7.63	21.0	11:28
		-7					8.92	20.7	11:30
		-8					9.14	20.8	11:32
		-9					8.86	21.1	11:34
		-10					8.18	20.9	11:36
		CCV					7.01	23.2	11:38

PH meter A
Reagent in TAL

Continued on Page

Read and Understood By

Signed	Date	Signed	Date
[illegible]	4/9/22		

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 838742 Batch Start Date: 04/12/22 14:22 Batch Analyst: Hu, Youhao

Batch Method: 7.3.3 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WTcreacSP 00033	AnalysisComment		
MB 460-838742/1		7.3.3, 9014		10 g	50 mL		Macron/B-2905-2 2 : 0.005 M H2SO4 exp: 10/12/22		
LCS 460-838742/2		7.3.3, 9014		10 g	50 mL	0.4 mL	Fisher/B-2906-2 2 : 0.25 N NaOH exp:10/12/22		
460-255715-C-19	COMP-4	7.3.3, 9014	T	10 g	50 mL				
460-255873-B-1 DU		7.3.3, 9014	T	10 g	50 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 838755 Batch Start Date: 04/12/22 16:52 Batch Analyst: Hu, Youhao

Batch Method: 9014 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	TitrantVolume1	TitrantBlank	CalcMsg	FinalAmount	
MB 460-838742/1-A		9014		25 mL	0.025 mL	0.025 mL	OK	25 mL	
LCS 460-838742/2-A		9014		25 mL	0.050 mL	0.025 mL	OK	25 mL	
460-255715-C-19 -B	COMP-4	9014	T	25 mL	0.025 mL	0.025 mL	OK	25 mL	
460-255873-B-1- I DU		9014	T	25 mL	0.025 mL	0.025 mL	OK	25 mL	

Batch Notes	
Perform Calculation (0=No, 1=Yes)	1
Nominal Amount Used	25 mL
Silver Nitrate ID	B-2702-21 exp;04/11/22
Silver Nitrate Vendor	Aldrich
First Normality	0.0191 N
Rhodanine Indicator ID	B-2758-21 exp:06/02/22

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 838741 Batch Start Date: 04/12/22 14:16 Batch Analyst: Hu, Youhao

Batch Method: 7.3.4 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WTsfideLCS 00084	WTsfideSP 02479	AnalysisComment	
MB 460-838741/1		7.3.4, 9034		10 g	50 mL			Macron/B-2905-2 2 :0.005M H2SO4 Exp:10/12/22	
LCSSRM 460-838741/3		7.3.4, 9034		10 g	50 mL	10 mL			
460-255715-C-19	COMP-4	7.3.4, 9034	T	10 g	50 mL				
460-255790-K-1 MS		7.3.4, 9034	T	10 g	50 mL		10 mL		
460-255790-K-1 MSD		7.3.4, 9034	T	10 g	50 mL		10 mL		

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 838754 Batch Start Date: 04/12/22 16:50 Batch Analyst: Hu, Youhao

Batch Method: 9034 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	IodineAmount	TitrantVolume1	CalcMsg	FinalAmount	AnalysisComment
MB 460-838741/1-A		9034		25 mL	5.0 mL	5.6 mL	OK	25 mL	Fisher/214760 : 0.0236N Na2S2O3
LCSSRM 460-838741/3-A		9034		25 mL	5.0 mL	4.8 mL	OK	25 mL	Baker/B-2788-22 : 6N HCL Exp:07/06/22
460-255715-C-19-A	COMP-4	9034	T	25 mL	5.0 mL	5.6 mL	OK	25 mL	
460-255790-K-1-B MS		9034	T	25 mL	5.0 mL	1.4 mL	OK	25 mL	
460-255790-K-1-C MSD		9034	T	25 mL	5.0 mL	1.4 mL	OK	25 mL	

Batch Notes	
Perform Calculation (0=No, 1=Yes)	1
Nominal Amount Used	25 mL
Normality of Iodine Solution	0.0267 N
Normality of First Titrant	0.0236 N

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 838418 Batch Start Date: 04/10/22 15:18 Batch Analyst: Gao, Yong X

Batch Method: 1030 Batch End Date: 04/10/22 15:48

Lab Sample ID	Client Sample ID	Method Chain	Basis	AnalysisComment					
460-255598-C-1 DU		1030	T	Coarse Granular & Rock					
460-255715-C-19	COMP-4	1030	T	Coarse Granular & Rock					

Batch Notes	
Thermometer ID	Room Temp =22.5° C
Hood ID	Wet Chem - Seta Flash
Fume Hood Air Velocity	Air Velocity = 150 ft/min m/s
Air Flow Meter ID	Propane: Benzomatic 100
Batch Comment	Burn rate > 2.2 mm/s

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 838253 Batch Start Date: 04/09/22 11:00 Batch Analyst: Shah, Krishna S

Batch Method: 9045D Batch End Date: 04/09/22 11:38

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WTpHCCV 00039	WTpHLCS 00027		
CCV 460-838253/1		9045D		20 g	20 mL	20 mL			
MB 460-838253/2		9045D		20 g	20 mL				
LCSSRM 460-838253/3		9045D		20 g	20 mL		20 mL		
460-255715-C-19	COMP-4	9045D	T	20 g	20 mL				
460-255715-C-19 DU	COMP-4	9045D	T	20 g	20 mL				
CCV 460-838253/11		9045D		20 g	20 mL	20 mL			

Batch Notes	
pH Meter ID	A
Thermometer ID	A
pH Buffer 1 ID	1.68 Fisher / 2201G51 exp 1/24
pH Buffer 2 ID	4.00 Orion / ZP1 exp 11/23
pH Buffer 3 ID	7.00 Fisher / 217473 exp 10/23
pH Buffer 4 ID	10.00 Fisher / 212238 exp 5/23
pH Buffer 5 ID	12.45: Ricca 2203B94 exp. 8/23

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 838069 Batch Start Date: 04/08/22 10:41 Batch Analyst: Hu, Youhao

Batch Method: 9095B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	FreeLiquid				
460-255216-K-1 DU		9095B	T	100 g	0 mL				
460-255715-C-19	COMP-4	9095B	T	100 g	0 mL				

Batch Notes	
Filter ID	Gerson fine mesh paint filter Lot#B5150728JFB

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 837678 Batch Start Date: 04/06/22 16:39 Batch Analyst: Cho, Claudia J

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry	%_Moisture	%_Solid
460-255715-B-1	SB-8 (0-5)	Moisture	T	117	1.28 g	10.12 g	9.49 g	7.1266968325792 %	92.873303167420 8 %
460-255715-B-2	SB-8 (8-8.5)	Moisture	T	118	1.30 g	7.12 g	6.95 g	2.9209621993127 %	97.079037800687 3 %
460-255715-B-3	SB-11 (4-4.5)	Moisture	T	119	1.29 g	7.15 g	6.44 g	12.116040955631 4 %	87.883959044368 6 %
460-255715-B-4	SB-11 (9.5-10)	Moisture	T	120	1.29 g	7.20 g	7.11 g	1.5228426395939 %	98.477157360406 1 %
460-255715-B-5	SB-14 (4-5)	Moisture	T	121	1.29 g	7.11 g	6.66 g	7.7319587628866 1 %	92.268041237113 4 %
460-255715-B-6	SB-14 (6-10)	Moisture	T	122	1.29 g	8.45 g	8.07 g	5.3072625698324 %	94.692737430167 6 %
460-255715-B-7	SB-15 (3-5)	Moisture	T	123	1.30 g	7.49 g	6.62 g	14.054927302100 2 %	85.945072697899 8 %
460-255715-B-8	SB-15 (12-13)	Moisture	T	124	1.30 g	7.27 g	6.46 g	13.567839195979 9 %	86.432160804020 1 %
460-255715-B-9	SB-9 (4-5)	Moisture	T	125	1.31 g	9.90 g	9.86 g	0.4656577415598 95 %	99.534342258440 1 %
460-255715-B-10	SB-12 (0-5)	Moisture	T	126	1.31 g	9.09 g	8.22 g	11.182519280205 7 %	88.817480719794 3 %
460-255715-B-11	SB-12 (7-8)	Moisture	T	127	1.31 g	7.64 g	6.68 g	15.165876777251 2 %	84.834123222748 8 %
460-255715-B-12	SB-10(2.5-5)	Moisture	T	128	1.30 g	7.36 g	7.04 g	5.2805280528052 9 %	94.719471947194 7 %
460-255715-B-13	SB-13 (2-2.5)	Moisture	T	129	1.31 g	7.21 g	6.92 g	4.9152542372881 %	95.084745762711 9 %
460-255715-B-14	SB-13 (7-7.5)	Moisture	T	130	1.28 g	8.46 g	7.32 g	15.877437325905 3 %	84.122562674094 7 %
460-255715-B-15	SB-16 (3-5)	Moisture	T	131	1.28 g	7.40 g	6.86 g	8.8235294117647 %	91.176470588235 3 %
460-255715-B-15 DU	SB-16 (3-5)	Moisture	T	132	1.32 g	8.86 g	7.94 g	12.201591511936 3 %	87.798408488063 7 %

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 837678 Batch Start Date: 04/06/22 16:39 Batch Analyst: Cho, Claudia J

Batch Method: Moisture Batch End Date:

Batch Notes	
Balance ID	106
Oven ID	2
Thermometer ID	W25166
Date samples were placed in the oven	04/06/2022
Time samples were place in the oven	17:37
Temperature - Start - Uncorrected	110 Degrees C
Oven Temp In	110 Degrees C
Batch Comment	oven

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-255715-1

SDG No.:

Batch Number: 837704 Batch Start Date: 04/06/22 17:41 Batch Analyst: Cho, Claudia J

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry	%_Moisture	%_Solid
460-255715-C-16	COMP-1	Moisture	T	420	1.30 g	8.08 g	7.66 g	6.1946902654867 %	93.805309734513 %
460-255715-D-17	COMP-2	Moisture	T	421	1.31 g	7.38 g	7.06 g	5.2718286655684 1 %	94.728171334431 6 %
460-255715-C-18	COMP-3	Moisture	T	422	1.31 g	7.96 g	7.55 g	6.1654135338346 %	93.834586466165 4 %
460-255715-C-19	COMP-4	Moisture	T	423	1.29 g	7.62 g	7.33 g	4.5813586097946 1 %	95.418641390205 4 %
460-255388-A-4 MS		Moisture	T	436	1.29 g	7.24 g	5.80 g	24.201680672268 9 %	75.798319327731 1 %
460-255388-A-4 MSD		Moisture	T	436	1.29 g	7.24 g	5.80 g	24.201680672268 9 %	75.798319327731 1 %
460-255388-A-7 DU		Moisture	T	440	1.31 g	7.85 g	6.48 g	20.948012232415 9 %	79.051987767584 1 %

Batch Notes	
Balance ID	106
Oven ID	2
Thermometer ID	W25166
Date samples were placed in the oven	04/06/2022
Time samples were place in the oven	19:24
Temperature - Start - Uncorrected	110 Degrees C
Oven Temp In	110 Degrees C
Batch Comment	oven

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Address: _____

NYC 222

Chain of Custody Record

635942

eurofins | Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: N Krasnecky	Site Contact: Ashleigh Norberg	Date: 4/5/22	COC No: 2
Company Name: ECC Horizon	Tel/Email: nkrasnecky@ecchorizon	Lab Contact:	Carrier:	1 of 2 COCs
Address: 1 Emery Ave. Unit 2	Analysis Turnaround Time			Sampler:
City/State/Zip: Randolph NJ	☐ CALENDAR DAYS ☒ WORKING DAYS			Lab Use Only:
Phone: 973 989 8010	TAT if different from Below			k-in Client:
Fax:	☐ 2 weeks			Sampling:
Project Name: Bridge Cleaners	☒ 1 week – 5 days			/ SDG No.: 255715
Site: Bridge Cleaners	☐ 2 days			
P O #	☐ 1 day			

460-255715 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TPH - 8015	TPH - DRO	TPH - Total Solids	Sample Specific Notes:
SB-8 (0-5)	4/5/22	910	G	S	3			X	X	X	1
SB-8 (8-8.5)		920			3						2
SB-11 (4-4.5)		940			3						3
SB-11 (9.5-10)		945			3						4
SB-14 (4-5)		1000									5
SB-14 (6-10)		1010									6
SB-15 (3-5)		1045									7
SB-15 (12-13)		1100									8
SB-9 (4-5)		1120									9
SB-12 (0-5)		1200									10
SB-12 (7-8)		1150									11
SB-10 (7-7.5)		1235									12

5-Day RUSH

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: ECC	Date/Time: 4/5/22 16:00	Received by:	Company: TA NYC	Date/Time: 04/05/22 16:00
Relinquished by:	Company: TA NYC	Date/Time: 04/05/22 17:00	Received by:	Company:	Date/Time: 4/5/22 1200
Relinquished by:	Company:	Date/Time: 4/5/22 1800	Received in Laboratory by:	Company:	Date/Time: 4/6/22

Address: _____

NYC 222

Chain of Custody Record

635944

eurofins | Environment Testing America

Regulatory Program: ☒ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: N Krasnecky	Site Contact: Ashlyn Narburg	Date: 4/5/22	COC No: 2
Company Name: ECC Horizon	Tel/Email: nkrasnecky@eccHorizon.com	Lab Contact:	Carrier:	2 of 2 COCs
Address: 1 Emery Ave, Unit 2	Analysis Turnaround Time			Sampler:
City/State/Zip: Randolph, NJ 07948	☐ CALENDAR DAYS ☒ WORKING DAYS			For Lab Use Only:
Phone: 973 989 8010	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: Bridge Cleaners	☒ 1 week - 5 day			Job / SDG No.: 255715
Site: Bridge Cleaners	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TPH - Gas	TPH - DRO	TPH - Total Solids	TAL Metals + Mercury	TCLP Metals	TCL BNA	PCBs	Ignitability	Cyanide, Reactive	Sulfide, Reactive	Corrosivity/pH	Paint Filter	Sample Specific Notes:
SB-13 (2-2.5)	4/5/22	1155	G	S	3			X												13
SB-13 (7-7.5)		1300	G		3			X												14
SB-16 (3-5)		1320	G		3			X												15
Comp-1		1025	C		4						X	X	X	X						16
Comp-2		1115	C		4						X	X	X	X						17
Comp-3		1335	C		4						X	X	X	X						18
Comp-4		1345	C		3										X	X	X	X	X	19

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

	Company	Date/Time		Company	Date/Time
Relinquished by:	ECC	4/5/22 16:00	Received by:	TA NYC	04/05/22 16:00
Relinquished by:	TA NYC	04/05/22 17:00	Received by:		4522 1700
Relinquished by:		4/22/1800	Received in Laboratory by:		4/22/18

Page 2164 of 2166

04/20/2022

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 255715

Number of Coolers: 3 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	29 °C	24 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	26 °C	28 °C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	13 °C	15 °C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

* *Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: _____ **Date:** 4/5/22

Login Sample Receipt Checklist

Client: Environmental Compliance & Control Inc

Job Number: 460-255715-1

Login Number: 255715
List Number: 1
Creator: Khlungprakhon, Sukanya

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Job Number: 460-256171-1

Job Description: Bridge Cleaners, Long Island City, NY

For:
Environmental Compliance & Control Inc
1 Emery Avenue
Unit 2
Randolph, NJ 07869

Attention: Nicholas Krasnecky

Approved for release.
Kristyn L Tempe
Manager of Project Management
4/20/2022 10:21 AM

Kristyn L Tempe, Manager of Project Management
777 New Durham Road, Edison, NJ, 08817
(732)549-3900
Kristyn.Tempe@et.eurofinsus.com
04/20/2022

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Edison and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Edison Project Manager or designee who has signed this report.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Job Number: 460-256171-1

Job Description: Bridge Cleaners, Long Island City, NY

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Approved for release.
Kristyn L Tempe
Manager of Project Management
4/20/2022 10:21 AM

Kristyn L Tempe

Table of Contents

Cover Title Page 1

Data Summaries 5

- Report Narrative 5
- Sample Summary 7
- Detection Summary 8
- Method Summary 9
- Client Sample Results 10
- Surrogate Summary 25
- QC Sample Results 26
- Definitions 36
- QC Association 37
- Chronicle 38
- Certification Summary 42

Organic Sample Data 43

- GC/MS VOA 43
  - 8260D 43
    - 8260D QC Summary 44
    - 8260D Sample Data 66
    - Standards Data 138
      - 8260D ICAL Data 138
      - 8260D CCAL Data 237
    - Raw QC Data 273
      - 8260D Tune Data 273
      - 8260D Blank Data 280
      - 8260D LCS/LCSD Data 295
    - 8260D Run Logs 332

Table of Contents

8260D Prep Data 336
Inorganic Sample Data 343
General Chemistry Data 343
Gen Chem Cover Page 344
Gen Chem MDL 345
Gen Chem Analysis Run Log 347
Gen Chem Prep Data 348
Shipping and Receiving Documents 349
Client Chain of Custody 350
Sample Receipt Checklist 352

CASE NARRATIVE

Client: Environmental Compliance & Control Inc

Project: Bridge Cleaners, Long Island City, NY

Report Number: 460-256171-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 04/13/2022; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.6 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

Receipt Exceptions

The following sample(s) was collected in an improper container: samples 1 through 10. VOC was collected as dirt in jar. Samples were not collected according to 5035L/5035A-L specifications.

VOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples CC-08 (460-256171-1), CC-09 (460-256171-2), CC-10 (460-256171-3), CC-11 (460-256171-4), CC-12 (460-256171-5), CC-13 (460-256171-6), CC-14 (460-256171-7), CC-15 (460-256171-8), CC-16 (460-256171-9) and CC-DUP-01 (460-256171-10) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were prepared and analyzed on 04/14/2022.

The continuing calibration verification (CCV) associated with batch 460-839189 recovered above the upper control limit for Freon TF. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

Acetone was detected in method blank LB3 460-839151/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Refer to the QC report for details.

Dibromofluoromethane (Surr) failed the surrogate recovery criteria low for CC-08 (460-256171-1). Dibromofluoromethane (Surr) failed the surrogate recovery criteria low for CC-DUP-01 (460-256171-10). Dibromofluoromethane (Surr) failed the surrogate recovery criteria low for CC-09 (460-256171-2). Dibromofluoromethane (Surr) failed the surrogate recovery criteria low for CC-10 (460-256171-3). Dibromofluoromethane (Surr) failed the surrogate recovery criteria low for CC-11 (460-256171-4). Dibromofluoromethane (Surr) failed the surrogate recovery criteria low for CC-12 (460-256171-5). Dibromofluoromethane (Surr) failed the surrogate recovery criteria low for CC-13 (460-256171-6). Dibromofluoromethane (Surr) failed the surrogate recovery criteria low for CC-14 (460-256171-7). Dibromofluoromethane (Surr) failed the surrogate recovery criteria low for CC-15 (460-256171-8).

Refer to the QC report for details.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC/MS)
Sample Trip Blank (460-256171-11) was analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 04/14/2022.

No difficulties were encountered during the Volatiles analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples CC-08 (460-256171-1), CC-09 (460-256171-2), CC-10 (460-256171-3), CC-11 (460-256171-4), CC-12 (460-256171-5), CC-13 (460-256171-6), CC-14 (460-256171-7), CC-15 (460-256171-8), CC-16 (460-256171-9) and CC-DUP-01 (460-256171-10) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 04/14/2022.

Percent Moisture exceeded the RPD limit for the duplicate of sample CC-08DU (460-256171-1).

Refer to the QC report for details.

No other difficulties were encountered during the %solids/moisture analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: Environmental Compliance & Control Inc
Job ID: 460-256171-1
Project/Site: Bridge Cleaners, Long Island City, NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-256171-1	CC-08	Solid	04/11/22 00:00	04/13/22 13:26
460-256171-2	CC-09	Solid	04/11/22 00:00	04/13/22 13:26
460-256171-3	CC-10	Solid	04/11/22 00:00	04/13/22 13:26
460-256171-4	CC-11	Solid	04/11/22 00:00	04/13/22 13:26
460-256171-5	CC-12	Solid	04/11/22 00:00	04/13/22 13:26
460-256171-6	CC-13	Solid	04/11/22 00:00	04/13/22 13:26
460-256171-7	CC-14	Solid	04/11/22 00:00	04/13/22 13:26
460-256171-8	CC-15	Solid	04/11/22 00:00	04/13/22 13:26
460-256171-9	CC-16	Solid	04/11/22 00:00	04/13/22 13:26
460-256171-10	CC-DUP-01	Solid	04/11/22 00:00	04/13/22 13:26
460-256171-11	Trip Blank	Water	04/11/22 00:00	04/13/22 13:26

Detection Summary

Client: Environmental Compliance & Control Inc
Job ID: 460-256171-1
Project/Site: Bridge Cleaners, Long Island City, NY

Client Sample ID: CC-08 — Lab Sample ID: 460-256171-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	13	B	6.6	6.3	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: CC-09 — Lab Sample ID: 460-256171-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	12	B	6.1	5.8	ug/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	15		1.0	0.31	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: CC-10 — Lab Sample ID: 460-256171-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	17	B	5.1	4.9	ug/Kg	1	☼	8260D	Total/NA
Carbon disulfide	1.4		0.86	0.23	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: CC-11 — Lab Sample ID: 460-256171-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	14	B	5.7	5.5	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: CC-12 — Lab Sample ID: 460-256171-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	16	B	7.4	7.1	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: CC-13 — Lab Sample ID: 460-256171-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	18	B	5.9	5.6	ug/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	2.6		0.98	0.30	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: CC-14 — Lab Sample ID: 460-256171-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	13	B	7.5	7.1	ug/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.40	J	1.2	0.38	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: CC-15 — Lab Sample ID: 460-256171-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.1	B	6.5	6.2	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: CC-16 — Lab Sample ID: 460-256171-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	16	B	7.9	7.5	ug/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	5.9		1.3	0.40	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: CC-DUP-01 — Lab Sample ID: 460-256171-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	13	B	7.5	7.2	ug/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	2.8		1.3	0.38	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 460-256171-11

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Environmental Compliance & Control Inc
Job ID: 460-256171-1
Project/Site: Bridge Cleaners, Long Island City, NY

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
Moisture	Percent Moisture	EPA	TAL EDI
5030C	Purge and Trap	SW846	TAL EDI
5035	Closed System Purge and Trap	SW846	TAL EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: CC-08
Date Collected: 04/11/22 00:00
Date Received: 04/13/22 13:26

Lab Sample ID: 460-256171-1
Matrix: Solid
Percent Solids: 96.1

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.26	U	1.1	0.26	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
1,1,2,2-Tetrachloroethane	0.24	U	1.1	0.24	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.33	U	1.1	0.33	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
1,1,2-Trichloroethane	0.20	U	1.1	0.20	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
1,1-Dichloroethane	0.23	U	1.1	0.23	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
1,1-Dichloroethene	0.25	U	1.1	0.25	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
1,2,3-Trichlorobenzene	0.20	U	1.1	0.20	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
1,2,4-Trichlorobenzene	0.40	U	1.1	0.40	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
1,2-Dichloropropane	0.47	U	1.1	0.47	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
1,3-Dichlorobenzene	0.40	U	1.1	0.40	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
1,4-Dichlorobenzene	0.25	U	1.1	0.25	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
1,4-Dioxane	10	U	110	10	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
2-Butanone (MEK)	0.41	U	5.5	0.41	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
2-Hexanone	1.9	U	5.5	1.9	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
4-Methyl-2-pentanone (MIBK)	1.7	U	5.5	1.7	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Acetone	**13**	**B**	6.6	6.3	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Benzene	0.28	U	1.1	0.28	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Bromoform	0.47	U	1.1	0.47	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Bromomethane	1.1	U	2.2	1.1	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Carbon disulfide	0.29	U	1.1	0.29	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Carbon tetrachloride	0.43	U	1.1	0.43	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Chlorobenzene	0.20	U	1.1	0.20	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Chlorobromomethane	0.31	U	1.1	0.31	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Chlorodibromomethane	0.21	U	1.1	0.21	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Chloroethane	0.58	U	1.1	0.58	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Chloroform	1.1	U	1.1	1.1	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Chloromethane	0.48	U	1.1	0.48	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
cis-1,2-Dichloroethene	0.40	U	1.1	0.40	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
cis-1,3-Dichloropropene	0.30	U	1.1	0.30	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Cyclohexane	0.24	U	1.1	0.24	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Dichlorobromomethane	0.28	U	1.1	0.28	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Dichlorodifluoromethane	0.37	U	1.1	0.37	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Ethylbenzene	0.22	U	1.1	0.22	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Ethylene Dibromide	0.20	U	1.1	0.20	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Isopropylbenzene	0.31	U	1.1	0.31	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Methyl acetate	4.7	U	5.5	4.7	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Methyl tert-butyl ether	0.57	U	1.1	0.57	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Methylcyclohexane	0.55	U	1.1	0.55	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Methylene Chloride	1.3	U	2.2	1.3	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
m-Xylene & p-Xylene	0.19	U	1.1	0.19	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
o-Xylene	0.21	U	1.1	0.21	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Styrene	0.31	U	1.1	0.31	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Tetrachloroethene	0.34	U	1.1	0.34	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Toluene	0.26	U	1.1	0.26	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
trans-1,2-Dichloroethene	0.27	U	1.1	0.27	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
trans-1,3-Dichloropropene	0.29	U	1.1	0.29	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Trichloroethene	0.35	U	1.1	0.35	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Trichlorofluoromethane	0.45	U	1.1	0.45	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
Vinyl chloride	0.60	U	1.1	0.60	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1

Client Sample ID: CC-08
Lab Sample ID: 460-256171-1
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26
Percent Solids: 96.1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.33	U	1.1	0.33	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
1,2-Dichlorobenzene	0.40	U	1.1	0.40	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1
1,2-Dibromo-3-Chloropropane	0.51	U	1.1	0.51	ug/Kg	☼	04/14/22 11:35	04/14/22 19:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*72 - 145*	*04/14/22 11:35*	*04/14/22 19:49*	*1*
4-Bromofluorobenzene	*98*		*75 - 139*	*04/14/22 11:35*	*04/14/22 19:49*	*1*
Dibromofluoromethane (Surr)	*25*	*S1-*	*73 - 139*	*04/14/22 11:35*	*04/14/22 19:49*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*	*04/14/22 11:35*	*04/14/22 19:49*	*1*

Client Sample ID: CC-09
Lab Sample ID: 460-256171-2
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26
Percent Solids: 95.4

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.23	U	1.0	0.23	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
1,1,2,2-Tetrachloroethane	0.22	U	1.0	0.22	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.30	U	1.0	0.30	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
1,1,2-Trichloroethane	0.18	U	1.0	0.18	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
1,1-Dichloroethane	0.21	U	1.0	0.21	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
1,2,3-Trichlorobenzene	0.18	U	1.0	0.18	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
1,2,4-Trichlorobenzene	0.36	U	1.0	0.36	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
1,2-Dichloropropane	0.43	U	1.0	0.43	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
1,3-Dichlorobenzene	0.37	U	1.0	0.37	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
1,4-Dichlorobenzene	0.23	U	1.0	0.23	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
1,4-Dioxane	9.3	U	100	9.3	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
2-Butanone (MEK)	0.37	U	5.0	0.37	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
2-Hexanone	1.7	U	5.0	1.7	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
4-Methyl-2-pentanone (MIBK)	1.6	U	5.0	1.6	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Acetone	**12**	**B**	6.1	5.8	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Benzene	0.26	U	1.0	0.26	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Bromoform	0.43	U	1.0	0.43	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Bromomethane	1.0	U	2.0	1.0	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Carbon disulfide	0.27	U	1.0	0.27	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Carbon tetrachloride	0.39	U	1.0	0.39	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Chlorobenzene	0.18	U	1.0	0.18	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Chlorobromomethane	0.28	U	1.0	0.28	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Chlorodibromomethane	0.20	U	1.0	0.20	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Chloroethane	0.53	U	1.0	0.53	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Chloroform	0.98	U	1.0	0.98	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Chloromethane	0.44	U	1.0	0.44	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
cis-1,2-Dichloroethene	0.36	U	1.0	0.36	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
cis-1,3-Dichloropropene	0.28	U	1.0	0.28	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Cyclohexane	0.22	U	1.0	0.22	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Dichlorobromomethane	0.26	U	1.0	0.26	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Dichlorodifluoromethane	0.34	U	1.0	0.34	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Ethylbenzene	0.20	U	1.0	0.20	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Ethylene Dibromide	0.18	U	1.0	0.18	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1

Client Sample ID: CC-09
Date Collected: 04/11/22 00:00
Date Received: 04/13/22 13:26

Lab Sample ID: 460-256171-2
Matrix: Solid
Percent Solids: 95.4

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.29	U	1.0	0.29	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Methyl acetate	4.3	U	5.0	4.3	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Methyl tert-butyl ether	0.52	U	1.0	0.52	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Methylcyclohexane	0.50	U	1.0	0.50	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Methylene Chloride	1.2	U	2.0	1.2	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
m-Xylene & p-Xylene	0.18	U	1.0	0.18	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
o-Xylene	0.20	U	1.0	0.20	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Styrene	0.28	U	1.0	0.28	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Tetrachloroethene	**15**		1.0	0.31	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Toluene	0.24	U	1.0	0.24	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
trans-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Trichloroethene	0.32	U	1.0	0.32	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Trichlorofluoromethane	0.41	U	1.0	0.41	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
Vinyl chloride	0.55	U	1.0	0.55	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
1,2-Dichloroethane	0.30	U	1.0	0.30	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
1,2-Dichlorobenzene	0.36	U	1.0	0.36	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1
1,2-Dibromo-3-Chloropropane	0.46	U	1.0	0.46	ug/Kg	☼	04/14/22 11:37	04/14/22 20:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*72 - 145*	*04/14/22 11:37*	*04/14/22 20:11*	*1*
4-Bromofluorobenzene	*96*		*75 - 139*	*04/14/22 11:37*	*04/14/22 20:11*	*1*
Dibromofluoromethane (Surr)	*56*	*S1-*	*73 - 139*	*04/14/22 11:37*	*04/14/22 20:11*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*04/14/22 11:37*	*04/14/22 20:11*	*1*

Client Sample ID: CC-10
Date Collected: 04/11/22 00:00
Date Received: 04/13/22 13:26

Lab Sample ID: 460-256171-3
Matrix: Solid
Percent Solids: 96.0

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.20	U	0.86	0.20	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
1,1,2,2-Tetrachloroethane	0.18	U	0.86	0.18	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.26	U	0.86	0.26	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
1,1,2-Trichloroethane	0.15	U	0.86	0.15	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
1,1-Dichloroethane	0.18	U	0.86	0.18	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
1,1-Dichloroethene	0.19	U	0.86	0.19	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
1,2,3-Trichlorobenzene	0.16	U	0.86	0.16	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
1,2,4-Trichlorobenzene	0.31	U	0.86	0.31	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
1,2-Dichloropropane	0.36	U	0.86	0.36	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
1,3-Dichlorobenzene	0.31	U	0.86	0.31	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
1,4-Dichlorobenzene	0.19	U	0.86	0.19	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
1,4-Dioxane	7.9	U	86	7.9	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
2-Butanone (MEK)	0.32	U	4.3	0.32	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
2-Hexanone	1.5	U	4.3	1.5	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
4-Methyl-2-pentanone (MIBK)	1.3	U	4.3	1.3	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Acetone	**17**	**B**	5.1	4.9	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Benzene	0.22	U	0.86	0.22	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Bromoform	0.36	U	0.86	0.36	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Bromomethane	0.86	U	1.7	0.86	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1

Client Sample ID: CC-10
Lab Sample ID: 460-256171-3
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26
Percent Solids: 96.0

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	**1.4**		0.86	0.23	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Carbon tetrachloride	0.33	U	0.86	0.33	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Chlorobenzene	0.15	U	0.86	0.15	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Chlorobromomethane	0.24	U	0.86	0.24	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Chlorodibromomethane	0.17	U	0.86	0.17	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Chloroethane	0.45	U	0.86	0.45	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Chloroform	0.83	U	0.86	0.83	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Chloromethane	0.37	U	0.86	0.37	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
cis-1,2-Dichloroethene	0.31	U	0.86	0.31	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
cis-1,3-Dichloropropene	0.23	U	0.86	0.23	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Cyclohexane	0.19	U	0.86	0.19	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Dichlorobromomethane	0.22	U	0.86	0.22	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Dichlorodifluoromethane	0.29	U	0.86	0.29	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Ethylbenzene	0.17	U	0.86	0.17	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Ethylene Dibromide	0.15	U	0.86	0.15	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Isopropylbenzene	0.24	U	0.86	0.24	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Methyl acetate	3.7	U	4.3	3.7	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Methyl tert-butyl ether	0.44	U	0.86	0.44	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Methylcyclohexane	0.43	U	0.86	0.43	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Methylene Chloride	0.98	U	1.7	0.98	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
m-Xylene & p-Xylene	0.15	U	0.86	0.15	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
o-Xylene	0.17	U	0.86	0.17	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Styrene	0.24	U	0.86	0.24	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Tetrachloroethene	0.26	U	0.86	0.26	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Toluene	0.20	U	0.86	0.20	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
trans-1,2-Dichloroethene	0.21	U	0.86	0.21	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
trans-1,3-Dichloropropene	0.23	U	0.86	0.23	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Trichloroethene	0.28	U	0.86	0.28	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Trichlorofluoromethane	0.35	U	0.86	0.35	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
Vinyl chloride	0.47	U	0.86	0.47	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
1,2-Dichloroethane	0.25	U	0.86	0.25	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
1,2-Dichlorobenzene	0.31	U	0.86	0.31	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1
1,2-Dibromo-3-Chloropropane	0.39	U	0.86	0.39	ug/Kg	☼	04/14/22 11:38	04/14/22 20:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*72 - 145*	*04/14/22 11:38*	*04/14/22 20:33*	*1*
4-Bromofluorobenzene	*94*		*75 - 139*	*04/14/22 11:38*	*04/14/22 20:33*	*1*
Dibromofluoromethane (Surr)	*28*	*S1-*	*73 - 139*	*04/14/22 11:38*	*04/14/22 20:33*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*04/14/22 11:38*	*04/14/22 20:33*	*1*

Client Sample ID: CC-11
Lab Sample ID: 460-256171-4
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26
Percent Solids: 97.1

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.22	U	0.95	0.22	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
1,1,2,2-Tetrachloroethane	0.20	U	0.95	0.20	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.29	U	0.95	0.29	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
1,1,2-Trichloroethane	0.17	U	0.95	0.17	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1

Client Sample ID: CC-11
Date Collected: 04/11/22 00:00
Date Received: 04/13/22 13:26

Lab Sample ID: 460-256171-4
Matrix: Solid
Percent Solids: 97.1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.20	U	0.95	0.20	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
1,1-Dichloroethene	0.21	U	0.95	0.21	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
1,2,3-Trichlorobenzene	0.17	U	0.95	0.17	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
1,2,4-Trichlorobenzene	0.34	U	0.95	0.34	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
1,2-Dichloropropane	0.40	U	0.95	0.40	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
1,3-Dichlorobenzene	0.35	U	0.95	0.35	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
1,4-Dichlorobenzene	0.21	U	0.95	0.21	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
1,4-Dioxane	8.8	U	95	8.8	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
2-Butanone (MEK)	0.35	U	4.8	0.35	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
2-Hexanone	1.6	U	4.8	1.6	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
4-Methyl-2-pentanone (MIBK)	1.5	U	4.8	1.5	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Acetone	**14**	**B**	5.7	5.5	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Benzene	0.25	U	0.95	0.25	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Bromoform	0.41	U	0.95	0.41	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Bromomethane	0.95	U	1.9	0.95	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Carbon disulfide	0.25	U	0.95	0.25	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Carbon tetrachloride	0.37	U	0.95	0.37	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Chlorobenzene	0.17	U	0.95	0.17	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Chlorobromomethane	0.27	U	0.95	0.27	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Chlorodibromomethane	0.19	U	0.95	0.19	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Chloroethane	0.50	U	0.95	0.50	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Chloroform	0.93	U	0.95	0.93	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Chloromethane	0.41	U	0.95	0.41	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
cis-1,2-Dichloroethene	0.34	U	0.95	0.34	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
cis-1,3-Dichloropropene	0.26	U	0.95	0.26	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Cyclohexane	0.21	U	0.95	0.21	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Dichlorobromomethane	0.25	U	0.95	0.25	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Dichlorodifluoromethane	0.32	U	0.95	0.32	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Ethylbenzene	0.19	U	0.95	0.19	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Ethylene Dibromide	0.17	U	0.95	0.17	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Isopropylbenzene	0.27	U	0.95	0.27	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Methyl acetate	4.1	U	4.8	4.1	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Methyl tert-butyl ether	0.49	U	0.95	0.49	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Methylcyclohexane	0.48	U	0.95	0.48	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Methylene Chloride	1.1	U	1.9	1.1	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
m-Xylene & p-Xylene	0.17	U	0.95	0.17	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
o-Xylene	0.19	U	0.95	0.19	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Styrene	0.27	U	0.95	0.27	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Tetrachloroethene	0.29	U	0.95	0.29	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Toluene	0.22	U	0.95	0.22	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
trans-1,2-Dichloroethene	0.23	U	0.95	0.23	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
trans-1,3-Dichloropropene	0.25	U	0.95	0.25	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Trichloroethene	0.31	U	0.95	0.31	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Trichlorofluoromethane	0.39	U	0.95	0.39	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
Vinyl chloride	0.52	U	0.95	0.52	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
1,2-Dichloroethane	0.28	U	0.95	0.28	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
1,2-Dichlorobenzene	0.34	U	0.95	0.34	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1
1,2-Dibromo-3-Chloropropane	0.44	U	0.95	0.44	ug/Kg	☼	04/14/22 11:40	04/14/22 20:55	1

Client Sample ID: CC-11
Lab Sample ID: 460-256171-4

Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26
Percent Solids: 97.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*72 - 145*	*04/14/22 11:40*	*04/14/22 20:55*	*1*
4-Bromofluorobenzene	*96*		*75 - 139*	*04/14/22 11:40*	*04/14/22 20:55*	*1*
Dibromofluoromethane (Surr)	*27*	*S1-*	*73 - 139*	*04/14/22 11:40*	*04/14/22 20:55*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*04/14/22 11:40*	*04/14/22 20:55*	*1*

Client Sample ID: CC-12
Lab Sample ID: 460-256171-5

Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26
Percent Solids: 96.4

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.29	U	1.2	0.29	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
1,1,2,2-Tetrachloroethane	0.26	U	1.2	0.26	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.37	U	1.2	0.37	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
1,1,2-Trichloroethane	0.22	U	1.2	0.22	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
1,1-Dichloroethane	0.25	U	1.2	0.25	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
1,1-Dichloroethene	0.28	U	1.2	0.28	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
1,2,3-Trichlorobenzene	0.22	U	1.2	0.22	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
1,2,4-Trichlorobenzene	0.44	U	1.2	0.44	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
1,2-Dichloropropane	0.52	U	1.2	0.52	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
1,3-Dichlorobenzene	0.45	U	1.2	0.45	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
1,4-Dichlorobenzene	0.28	U	1.2	0.28	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
1,4-Dioxane	11	U	120	11	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
2-Butanone (MEK)	0.46	U	6.2	0.46	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
2-Hexanone	2.1	U	6.2	2.1	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
4-Methyl-2-pentanone (MIBK)	1.9	U	6.2	1.9	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Acetone	**16**	**B**	7.4	7.1	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Benzene	0.32	U	1.2	0.32	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Bromoform	0.53	U	1.2	0.53	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Bromomethane	1.2	U	2.5	1.2	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Carbon disulfide	0.33	U	1.2	0.33	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Carbon tetrachloride	0.48	U	1.2	0.48	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Chlorobenzene	0.22	U	1.2	0.22	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Chlorobromomethane	0.35	U	1.2	0.35	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Chlorodibromomethane	0.24	U	1.2	0.24	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Chloroethane	0.65	U	1.2	0.65	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Chloroform	1.2	U	1.2	1.2	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Chloromethane	0.54	U	1.2	0.54	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
cis-1,2-Dichloroethene	0.44	U	1.2	0.44	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
cis-1,3-Dichloropropene	0.34	U	1.2	0.34	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Cyclohexane	0.27	U	1.2	0.27	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Dichlorobromomethane	0.32	U	1.2	0.32	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Dichlorodifluoromethane	0.42	U	1.2	0.42	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Ethylbenzene	0.25	U	1.2	0.25	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Ethylene Dibromide	0.22	U	1.2	0.22	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Isopropylbenzene	0.35	U	1.2	0.35	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Methyl acetate	5.3	U	6.2	5.3	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Methyl tert-butyl ether	0.63	U	1.2	0.63	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Methylcyclohexane	0.62	U	1.2	0.62	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Methylene Chloride	1.4	U	2.5	1.4	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1

Client Sample ID: CC-12
Date Collected: 04/11/22 00:00
Date Received: 04/13/22 13:26

Lab Sample ID: 460-256171-5
Matrix: Solid
Percent Solids: 96.4

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	0.22	U	1.2	0.22	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
o-Xylene	0.24	U	1.2	0.24	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Styrene	0.34	U	1.2	0.34	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Tetrachloroethene	0.38	U	1.2	0.38	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Toluene	0.29	U	1.2	0.29	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
trans-1,2-Dichloroethene	0.30	U	1.2	0.30	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
trans-1,3-Dichloropropene	0.33	U	1.2	0.33	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Trichloroethene	0.40	U	1.2	0.40	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Trichlorofluoromethane	0.50	U	1.2	0.50	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
Vinyl chloride	0.68	U	1.2	0.68	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
1,2-Dichloroethane	0.37	U	1.2	0.37	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
1,2-Dichlorobenzene	0.45	U	1.2	0.45	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1
1,2-Dibromo-3-Chloropropane	0.57	U	1.2	0.57	ug/Kg	☼	04/14/22 11:41	04/14/22 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*72 - 145*	*04/14/22 11:41*	*04/14/22 21:16*	*1*
4-Bromofluorobenzene	*97*		*75 - 139*	*04/14/22 11:41*	*04/14/22 21:16*	*1*
Dibromofluoromethane (Surr)	*23*	*S1-*	*73 - 139*	*04/14/22 11:41*	*04/14/22 21:16*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*04/14/22 11:41*	*04/14/22 21:16*	*1*

Client Sample ID: CC-13
Date Collected: 04/11/22 00:00
Date Received: 04/13/22 13:26

Lab Sample ID: 460-256171-6
Matrix: Solid
Percent Solids: 96.6

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.23	U	0.98	0.23	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
1,1,2,2-Tetrachloroethane	0.21	U	0.98	0.21	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.30	U	0.98	0.30	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
1,1,2-Trichloroethane	0.17	U	0.98	0.17	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
1,1-Dichloroethane	0.20	U	0.98	0.20	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
1,1-Dichloroethene	0.22	U	0.98	0.22	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
1,2,3-Trichlorobenzene	0.18	U	0.98	0.18	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
1,2,4-Trichlorobenzene	0.35	U	0.98	0.35	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
1,2-Dichloropropane	0.42	U	0.98	0.42	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
1,3-Dichlorobenzene	0.36	U	0.98	0.36	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
1,4-Dichlorobenzene	0.22	U	0.98	0.22	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
1,4-Dioxane	9.0	U	98	9.0	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
2-Butanone (MEK)	0.36	U	4.9	0.36	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
2-Hexanone	1.7	U	4.9	1.7	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
4-Methyl-2-pentanone (MIBK)	1.5	U	4.9	1.5	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Acetone	**18**	**B**	5.9	5.6	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Benzene	0.25	U	0.98	0.25	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Bromoform	0.42	U	0.98	0.42	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Bromomethane	0.98	U	2.0	0.98	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Carbon disulfide	0.26	U	0.98	0.26	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Carbon tetrachloride	0.38	U	0.98	0.38	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Chlorobenzene	0.17	U	0.98	0.17	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Chlorobromomethane	0.28	U	0.98	0.28	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Chlorodibromomethane	0.19	U	0.98	0.19	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1

Client Sample ID: CC-13
Lab Sample ID: 460-256171-6

Date Collected: 04/11/22 00:00
Matrix: Solid

Date Received: 04/13/22 13:26
Percent Solids: 96.6

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	0.51	U	0.98	0.51	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Chloroform	0.95	U	0.98	0.95	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Chloromethane	0.43	U	0.98	0.43	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
cis-1,2-Dichloroethene	0.35	U	0.98	0.35	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
cis-1,3-Dichloropropene	0.27	U	0.98	0.27	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Cyclohexane	0.22	U	0.98	0.22	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Dichlorobromomethane	0.25	U	0.98	0.25	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Dichlorodifluoromethane	0.33	U	0.98	0.33	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Ethylbenzene	0.20	U	0.98	0.20	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Ethylene Dibromide	0.18	U	0.98	0.18	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Isopropylbenzene	0.28	U	0.98	0.28	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Methyl acetate	4.2	U	4.9	4.2	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Methyl tert-butyl ether	0.50	U	0.98	0.50	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Methylcyclohexane	0.49	U	0.98	0.49	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Methylene Chloride	1.1	U	2.0	1.1	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
m-Xylene & p-Xylene	0.17	U	0.98	0.17	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
o-Xylene	0.19	U	0.98	0.19	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Styrene	0.27	U	0.98	0.27	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Tetrachloroethene	**2.6**		0.98	0.30	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Toluene	0.23	U	0.98	0.23	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
trans-1,2-Dichloroethene	0.24	U	0.98	0.24	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
trans-1,3-Dichloropropene	0.26	U	0.98	0.26	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Trichloroethene	0.32	U	0.98	0.32	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Trichlorofluoromethane	0.40	U	0.98	0.40	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
Vinyl chloride	0.54	U	0.98	0.54	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
1,2-Dichloroethane	0.29	U	0.98	0.29	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
1,2-Dichlorobenzene	0.35	U	0.98	0.35	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1
1,2-Dibromo-3-Chloropropane	0.45	U	0.98	0.45	ug/Kg	☼	04/14/22 11:43	04/14/22 21:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*72 - 145*	*04/14/22 11:43*	*04/14/22 21:39*	*1*
4-Bromofluorobenzene	*90*		*75 - 139*	*04/14/22 11:43*	*04/14/22 21:39*	*1*
Dibromofluoromethane (Surr)	*25*	*S1-*	*73 - 139*	*04/14/22 11:43*	*04/14/22 21:39*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*04/14/22 11:43*	*04/14/22 21:39*	*1*

Client Sample ID: CC-14
Lab Sample ID: 460-256171-7

Date Collected: 04/11/22 00:00
Matrix: Solid

Date Received: 04/13/22 13:26
Percent Solids: 95.6

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.29	U	1.2	0.29	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
1,1,2,2-Tetrachloroethane	0.27	U	1.2	0.27	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.38	U	1.2	0.38	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
1,1,2-Trichloroethane	0.22	U	1.2	0.22	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
1,1-Dichloroethane	0.26	U	1.2	0.26	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
1,1-Dichloroethene	0.28	U	1.2	0.28	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
1,2,3-Trichlorobenzene	0.23	U	1.2	0.23	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
1,2,4-Trichlorobenzene	0.45	U	1.2	0.45	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
1,2-Dichloropropane	0.53	U	1.2	0.53	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1

Client Sample ID: CC-14
Date Collected: 04/11/22 00:00
Date Received: 04/13/22 13:26

Lab Sample ID: 460-256171-7
Matrix: Solid
Percent Solids: 95.6

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.46	U	1.2	0.46	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
1,4-Dichlorobenzene	0.28	U	1.2	0.28	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
1,4-Dioxane	11	U	120	11	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
2-Butanone (MEK)	0.46	U	6.2	0.46	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
2-Hexanone	2.1	U	6.2	2.1	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
4-Methyl-2-pentanone (MIBK)	1.9	U	6.2	1.9	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Acetone	**13**	**B**	7.5	7.1	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Benzene	0.32	U	1.2	0.32	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Bromoform	0.53	U	1.2	0.53	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Bromomethane	1.2	U	2.5	1.2	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Carbon disulfide	0.33	U	1.2	0.33	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Carbon tetrachloride	0.48	U	1.2	0.48	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Chlorobenzene	0.22	U	1.2	0.22	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Chlorobromomethane	0.35	U	1.2	0.35	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Chlorodibromomethane	0.24	U	1.2	0.24	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Chloroethane	0.65	U	1.2	0.65	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Chloroform	1.2	U	1.2	1.2	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Chloromethane	0.54	U	1.2	0.54	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
cis-1,2-Dichloroethene	0.45	U	1.2	0.45	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
cis-1,3-Dichloropropene	0.34	U	1.2	0.34	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Cyclohexane	0.28	U	1.2	0.28	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Dichlorobromomethane	0.32	U	1.2	0.32	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Dichlorodifluoromethane	0.42	U	1.2	0.42	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Ethylbenzene	0.25	U	1.2	0.25	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Ethylene Dibromide	0.22	U	1.2	0.22	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Isopropylbenzene	0.36	U	1.2	0.36	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Methyl acetate	5.4	U	6.2	5.4	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Methyl tert-butyl ether	0.64	U	1.2	0.64	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Methylcyclohexane	0.62	U	1.2	0.62	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Methylene Chloride	1.4	U	2.5	1.4	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
m-Xylene & p-Xylene	0.22	U	1.2	0.22	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
o-Xylene	0.24	U	1.2	0.24	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Styrene	0.35	U	1.2	0.35	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Tetrachloroethene	**0.40**	**J**	1.2	0.38	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Toluene	0.29	U	1.2	0.29	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
trans-1,2-Dichloroethene	0.31	U	1.2	0.31	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
trans-1,3-Dichloropropene	0.33	U	1.2	0.33	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Trichloroethene	0.40	U	1.2	0.40	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Trichlorofluoromethane	0.51	U	1.2	0.51	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
Vinyl chloride	0.68	U	1.2	0.68	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
1,2-Dichloroethane	0.37	U	1.2	0.37	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
1,2-Dichlorobenzene	0.45	U	1.2	0.45	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1
1,2-Dibromo-3-Chloropropane	0.57	U	1.2	0.57	ug/Kg	☼	04/14/22 11:44	04/14/22 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*72 - 145*	*04/14/22 11:44*	*04/14/22 22:01*	*1*
4-Bromofluorobenzene	*96*		*75 - 139*	*04/14/22 11:44*	*04/14/22 22:01*	*1*
Dibromofluoromethane (Surr)	*49*	*S1-*	*73 - 139*	*04/14/22 11:44*	*04/14/22 22:01*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*04/14/22 11:44*	*04/14/22 22:01*	*1*

Client Sample ID: CC-15
Date Collected: 04/11/22 00:00
Date Received: 04/13/22 13:26

Lab Sample ID: 460-256171-8
Matrix: Solid
Percent Solids: 97.4

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.25	U	1.1	0.25	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
1,1,2,2-Tetrachloroethane	0.23	U	1.1	0.23	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.33	U	1.1	0.33	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
1,1,2-Trichloroethane	0.19	U	1.1	0.19	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
1,1-Dichloroethane	0.22	U	1.1	0.22	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
1,1-Dichloroethene	0.24	U	1.1	0.24	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
1,2,3-Trichlorobenzene	0.20	U	1.1	0.20	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
1,2,4-Trichlorobenzene	0.39	U	1.1	0.39	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
1,2-Dichloropropane	0.46	U	1.1	0.46	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
1,3-Dichlorobenzene	0.40	U	1.1	0.40	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
1,4-Dichlorobenzene	0.24	U	1.1	0.24	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
1,4-Dioxane	10	U	110	10	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
2-Butanone (MEK)	0.40	U	5.4	0.40	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
2-Hexanone	1.9	U	5.4	1.9	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
4-Methyl-2-pentanone (MIBK)	1.7	U	5.4	1.7	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Acetone	**9.1**	**B**	6.5	6.2	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Benzene	0.28	U	1.1	0.28	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Bromoform	0.46	U	1.1	0.46	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Bromomethane	1.1	U	2.2	1.1	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Carbon disulfide	0.29	U	1.1	0.29	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Carbon tetrachloride	0.42	U	1.1	0.42	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Chlorobenzene	0.19	U	1.1	0.19	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Chlorobromomethane	0.31	U	1.1	0.31	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Chlorodibromomethane	0.21	U	1.1	0.21	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Chloroethane	0.57	U	1.1	0.57	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Chloroform	1.1	U	1.1	1.1	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Chloromethane	0.47	U	1.1	0.47	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
cis-1,2-Dichloroethene	0.39	U	1.1	0.39	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
cis-1,3-Dichloropropene	0.30	U	1.1	0.30	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Cyclohexane	0.24	U	1.1	0.24	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Dichlorobromomethane	0.28	U	1.1	0.28	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Dichlorodifluoromethane	0.37	U	1.1	0.37	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Ethylbenzene	0.22	U	1.1	0.22	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Ethylene Dibromide	0.20	U	1.1	0.20	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Isopropylbenzene	0.31	U	1.1	0.31	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Methyl acetate	4.7	U	5.4	4.7	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Methyl tert-butyl ether	0.56	U	1.1	0.56	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Methylcyclohexane	0.54	U	1.1	0.54	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Methylene Chloride	1.2	U	2.2	1.2	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
m-Xylene & p-Xylene	0.19	U	1.1	0.19	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
o-Xylene	0.21	U	1.1	0.21	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Styrene	0.30	U	1.1	0.30	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Tetrachloroethene	0.33	U	1.1	0.33	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Toluene	0.25	U	1.1	0.25	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
trans-1,2-Dichloroethene	0.27	U	1.1	0.27	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
trans-1,3-Dichloropropene	0.29	U	1.1	0.29	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Trichloroethene	0.35	U	1.1	0.35	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Trichlorofluoromethane	0.44	U	1.1	0.44	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
Vinyl chloride	0.59	U	1.1	0.59	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1

Client Sample ID: CC-15
Lab Sample ID: 460-256171-8
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26
Percent Solids: 97.4

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.32	U	1.1	0.32	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
1,2-Dichlorobenzene	0.39	U	1.1	0.39	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1
1,2-Dibromo-3-Chloropropane	0.50	U	1.1	0.50	ug/Kg	☼	04/14/22 11:46	04/14/22 22:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*72 - 145*	*04/14/22 11:46*	*04/14/22 22:23*	*1*
4-Bromofluorobenzene	*97*		*75 - 139*	*04/14/22 11:46*	*04/14/22 22:23*	*1*
Dibromofluoromethane (Surr)	*37*	*S1-*	*73 - 139*	*04/14/22 11:46*	*04/14/22 22:23*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*04/14/22 11:46*	*04/14/22 22:23*	*1*

Client Sample ID: CC-16
Lab Sample ID: 460-256171-9
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26
Percent Solids: 93.8

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.31	U	1.3	0.31	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
1,1,2,2-Tetrachloroethane	0.28	U	1.3	0.28	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.40	U	1.3	0.40	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
1,1,2-Trichloroethane	0.23	U	1.3	0.23	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
1,1-Dichloroethane	0.27	U	1.3	0.27	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
1,1-Dichloroethene	0.30	U	1.3	0.30	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
1,2,3-Trichlorobenzene	0.24	U	1.3	0.24	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
1,2,4-Trichlorobenzene	0.47	U	1.3	0.47	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
1,2-Dichloropropane	0.56	U	1.3	0.56	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
1,3-Dichlorobenzene	0.48	U	1.3	0.48	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
1,4-Dichlorobenzene	0.30	U	1.3	0.30	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
1,4-Dioxane	12	U	130	12	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
2-Butanone (MEK)	0.49	U	6.6	0.49	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
2-Hexanone	2.3	U	6.6	2.3	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
4-Methyl-2-pentanone (MIBK)	2.1	U	6.6	2.1	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Acetone	**16**	**B**	7.9	7.5	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Benzene	0.34	U	1.3	0.34	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Bromoform	0.56	U	1.3	0.56	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Bromomethane	1.3	U	2.6	1.3	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Carbon disulfide	0.35	U	1.3	0.35	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Carbon tetrachloride	0.51	U	1.3	0.51	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Chlorobenzene	0.23	U	1.3	0.23	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Chlorobromomethane	0.37	U	1.3	0.37	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Chlorodibromomethane	0.26	U	1.3	0.26	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Chloroethane	0.69	U	1.3	0.69	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Chloroform	1.3	U	1.3	1.3	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Chloromethane	0.57	U	1.3	0.57	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
cis-1,2-Dichloroethene	0.47	U	1.3	0.47	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
cis-1,3-Dichloropropene	0.36	U	1.3	0.36	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Cyclohexane	0.29	U	1.3	0.29	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Dichlorobromomethane	0.34	U	1.3	0.34	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Dichlorodifluoromethane	0.45	U	1.3	0.45	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Ethylbenzene	0.26	U	1.3	0.26	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Ethylene Dibromide	0.24	U	1.3	0.24	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1

Client Sample ID: CC-16
Lab Sample ID: 460-256171-9
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26
Percent Solids: 93.8

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.38	U	1.3	0.38	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Methyl acetate	5.7	U	6.6	5.7	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Methyl tert-butyl ether	0.68	U	1.3	0.68	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Methylcyclohexane	0.66	U	1.3	0.66	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Methylene Chloride	1.5	U	2.6	1.5	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
m-Xylene & p-Xylene	0.23	U	1.3	0.23	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
o-Xylene	0.26	U	1.3	0.26	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Styrene	0.37	U	1.3	0.37	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Tetrachloroethene	**5.9**		1.3	0.40	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Toluene	0.31	U	1.3	0.31	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
trans-1,2-Dichloroethene	0.32	U	1.3	0.32	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
trans-1,3-Dichloropropene	0.35	U	1.3	0.35	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Trichloroethene	0.42	U	1.3	0.42	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Trichlorofluoromethane	0.54	U	1.3	0.54	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
Vinyl chloride	0.72	U	1.3	0.72	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
1,2-Dichloroethane	0.39	U	1.3	0.39	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
1,2-Dichlorobenzene	0.48	U	1.3	0.48	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1
1,2-Dibromo-3-Chloropropane	0.61	U	1.3	0.61	ug/Kg	☼	04/14/22 11:48	04/14/22 22:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*72 - 145*	*04/14/22 11:48*	*04/14/22 22:45*	*1*
4-Bromofluorobenzene	*88*		*75 - 139*	*04/14/22 11:48*	*04/14/22 22:45*	*1*
Dibromofluoromethane (Surr)	*80*		*73 - 139*	*04/14/22 11:48*	*04/14/22 22:45*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*	*04/14/22 11:48*	*04/14/22 22:45*	*1*

Client Sample ID: CC-DUP-01
Lab Sample ID: 460-256171-10
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26
Percent Solids: 95.9

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.29	U	1.3	0.29	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
1,1,2,2-Tetrachloroethane	0.27	U	1.3	0.27	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.38	U	1.3	0.38	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
1,1,2-Trichloroethane	0.22	U	1.3	0.22	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
1,1-Dichloroethane	0.26	U	1.3	0.26	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
1,1-Dichloroethene	0.28	U	1.3	0.28	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
1,2,3-Trichlorobenzene	0.23	U	1.3	0.23	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
1,2,4-Trichlorobenzene	0.45	U	1.3	0.45	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
1,2-Dichloropropane	0.53	U	1.3	0.53	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
1,3-Dichlorobenzene	0.46	U	1.3	0.46	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
1,4-Dichlorobenzene	0.28	U	1.3	0.28	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
1,4-Dioxane	12	U	130	12	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
2-Butanone (MEK)	0.46	U	6.3	0.46	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
2-Hexanone	2.1	U	6.3	2.1	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
4-Methyl-2-pentanone (MIBK)	2.0	U	6.3	2.0	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Acetone	**13**	**B**	7.5	7.2	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Benzene	0.32	U	1.3	0.32	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Bromoform	0.53	U	1.3	0.53	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Bromomethane	1.3	U	2.5	1.3	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1

Client Sample ID: CC-DUP-01
Lab Sample ID: 460-256171-10

Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26
Percent Solids: 95.9

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.33	U	1.3	0.33	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Carbon tetrachloride	0.49	U	1.3	0.49	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Chlorobenzene	0.22	U	1.3	0.22	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Chlorobromomethane	0.35	U	1.3	0.35	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Chlorodibromomethane	0.24	U	1.3	0.24	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Chloroethane	0.66	U	1.3	0.66	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Chloroform	1.2	U	1.3	1.2	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Chloromethane	0.55	U	1.3	0.55	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
cis-1,2-Dichloroethene	0.45	U	1.3	0.45	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
cis-1,3-Dichloropropene	0.34	U	1.3	0.34	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Cyclohexane	0.28	U	1.3	0.28	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Dichlorobromomethane	0.32	U	1.3	0.32	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Dichlorodifluoromethane	0.42	U	1.3	0.42	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Ethylbenzene	0.25	U	1.3	0.25	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Ethylene Dibromide	0.23	U	1.3	0.23	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Isopropylbenzene	0.36	U	1.3	0.36	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Methyl acetate	5.4	U	6.3	5.4	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Methyl tert-butyl ether	0.64	U	1.3	0.64	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Methylcyclohexane	0.63	U	1.3	0.63	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Methylene Chloride	1.4	U	2.5	1.4	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
m-Xylene & p-Xylene	0.22	U	1.3	0.22	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
o-Xylene	0.24	U	1.3	0.24	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Styrene	0.35	U	1.3	0.35	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Tetrachloroethene	**2.8**		1.3	0.38	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Toluene	0.29	U	1.3	0.29	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
trans-1,2-Dichloroethene	0.31	U	1.3	0.31	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
trans-1,3-Dichloropropene	0.33	U	1.3	0.33	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Trichloroethene	0.40	U	1.3	0.40	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Trichlorofluoromethane	0.51	U	1.3	0.51	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
Vinyl chloride	0.69	U	1.3	0.69	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
1,2-Dichloroethane	0.37	U	1.3	0.37	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
1,2-Dichlorobenzene	0.45	U	1.3	0.45	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1
1,2-Dibromo-3-Chloropropane	0.58	U	1.3	0.58	ug/Kg	☼	04/14/22 11:49	04/14/22 23:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*72 - 145*	*04/14/22 11:49*	*04/14/22 23:08*	*1*
4-Bromofluorobenzene	*97*		*75 - 139*	*04/14/22 11:49*	*04/14/22 23:08*	*1*
Dibromofluoromethane (Surr)	*68*	*S1-*	*73 - 139*	*04/14/22 11:49*	*04/14/22 23:08*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*04/14/22 11:49*	*04/14/22 23:08*	*1*

Client Sample ID: Trip Blank
Lab Sample ID: 460-256171-11

Date Collected: 04/11/22 00:00
Matrix: Water
Date Received: 04/13/22 13:26

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			04/14/22 12:44	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			04/14/22 12:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			04/14/22 12:44	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			04/14/22 12:44	1

Client Sample ID: Trip Blank
Lab Sample ID: 460-256171-11

Date Collected: 04/11/22 00:00
Matrix: Water
Date Received: 04/13/22 13:26

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			04/14/22 12:44	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			04/14/22 12:44	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			04/14/22 12:44	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			04/14/22 12:44	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			04/14/22 12:44	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			04/14/22 12:44	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			04/14/22 12:44	1
1,4-Dioxane	28	U	50	28	ug/L			04/14/22 12:44	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			04/14/22 12:44	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			04/14/22 12:44	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			04/14/22 12:44	1
Acetone	4.4	U	5.0	4.4	ug/L			04/14/22 12:44	1
Benzene	0.20	U	1.0	0.20	ug/L			04/14/22 12:44	1
Bromoform	0.54	U	1.0	0.54	ug/L			04/14/22 12:44	1
Bromomethane	0.55	U	1.0	0.55	ug/L			04/14/22 12:44	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			04/14/22 12:44	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			04/14/22 12:44	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			04/14/22 12:44	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			04/14/22 12:44	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			04/14/22 12:44	1
Chloroethane	0.32	U	1.0	0.32	ug/L			04/14/22 12:44	1
Chloroform	0.33	U	1.0	0.33	ug/L			04/14/22 12:44	1
Chloromethane	0.40	U	1.0	0.40	ug/L			04/14/22 12:44	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			04/14/22 12:44	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			04/14/22 12:44	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			04/14/22 12:44	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			04/14/22 12:44	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			04/14/22 12:44	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			04/14/22 12:44	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			04/14/22 12:44	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			04/14/22 12:44	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			04/14/22 12:44	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			04/14/22 12:44	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			04/14/22 12:44	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			04/14/22 12:44	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			04/14/22 12:44	1
o-Xylene	0.36	U	1.0	0.36	ug/L			04/14/22 12:44	1
Styrene	0.42	U	1.0	0.42	ug/L			04/14/22 12:44	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			04/14/22 12:44	1
Toluene	0.38	U	1.0	0.38	ug/L			04/14/22 12:44	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			04/14/22 12:44	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			04/14/22 12:44	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			04/14/22 12:44	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			04/14/22 12:44	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			04/14/22 12:44	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			04/14/22 12:44	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			04/14/22 12:44	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			04/14/22 12:44	1

Client Sample ID: Trip Blank
Lab Sample ID: 460-256171-11

Date Collected: 04/11/22 00:00
Matrix: Water

Date Received: 04/13/22 13:26

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		70 - 128		04/14/22 12:44	1
4-Bromofluorobenzene	88		76 - 120		04/14/22 12:44	1
Dibromofluoromethane (Surr)	104		77 - 124		04/14/22 12:44	1
Toluene-d8 (Surr)	95		80 - 120		04/14/22 12:44	1

Surrogate Summary

Client: Environmental Compliance & Control Inc
Job ID: 460-256171-1
Project/Site: Bridge Cleaners, Long Island City, NY

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(72-145)	(75-139)	(73-139)	(80-120)
460-256171-1	CC-08	110	98	25 S1-	94
460-256171-2	CC-09	109	96	56 S1-	97
460-256171-3	CC-10	112	94	28 S1-	101
460-256171-4	CC-11	110	96	27 S1-	99
460-256171-5	CC-12	112	97	23 S1-	96
460-256171-6	CC-13	115	90	25 S1-	95
460-256171-7	CC-14	114	96	49 S1-	99
460-256171-8	CC-15	114	97	37 S1-	106
460-256171-9	CC-16	105	88	80	93
460-256171-10	CC-DUP-01	112	97	68 S1-	98
LB3 460-839151/1-A	Method Blank	119	102	115	116
LCS 460-839189/4	Lab Control Sample	109	98	98	102
LCSD 460-839189/5	Lab Control Sample Dup	107	97	97	100
MB 460-839189/9	Method Blank	111	97	102	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-124)	(80-120)
460-256171-11	Trip Blank	101	88	104	95
LCS 460-839065/4	Lab Control Sample	104	97	110	103
LCSD 460-839065/5	Lab Control Sample Dup	97	89	101	96
MB 460-839065/9	Method Blank	106	97	116	103

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-839065/9
Matrix: Water
Analysis Batch: 839065

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			04/14/22 09:41	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			04/14/22 09:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			04/14/22 09:41	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			04/14/22 09:41	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			04/14/22 09:41	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			04/14/22 09:41	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			04/14/22 09:41	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			04/14/22 09:41	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			04/14/22 09:41	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			04/14/22 09:41	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			04/14/22 09:41	1
1,4-Dioxane	28	U	50	28	ug/L			04/14/22 09:41	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			04/14/22 09:41	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			04/14/22 09:41	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			04/14/22 09:41	1
Acetone	4.4	U	5.0	4.4	ug/L			04/14/22 09:41	1
Benzene	0.20	U	1.0	0.20	ug/L			04/14/22 09:41	1
Bromoform	0.54	U	1.0	0.54	ug/L			04/14/22 09:41	1
Bromomethane	0.55	U	1.0	0.55	ug/L			04/14/22 09:41	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			04/14/22 09:41	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			04/14/22 09:41	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			04/14/22 09:41	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			04/14/22 09:41	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			04/14/22 09:41	1
Chloroethane	0.32	U	1.0	0.32	ug/L			04/14/22 09:41	1
Chloroform	0.33	U	1.0	0.33	ug/L			04/14/22 09:41	1
Chloromethane	0.40	U	1.0	0.40	ug/L			04/14/22 09:41	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			04/14/22 09:41	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			04/14/22 09:41	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			04/14/22 09:41	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			04/14/22 09:41	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			04/14/22 09:41	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			04/14/22 09:41	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			04/14/22 09:41	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			04/14/22 09:41	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			04/14/22 09:41	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			04/14/22 09:41	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			04/14/22 09:41	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			04/14/22 09:41	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			04/14/22 09:41	1
o-Xylene	0.36	U	1.0	0.36	ug/L			04/14/22 09:41	1
Styrene	0.42	U	1.0	0.42	ug/L			04/14/22 09:41	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			04/14/22 09:41	1
Toluene	0.38	U	1.0	0.38	ug/L			04/14/22 09:41	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			04/14/22 09:41	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			04/14/22 09:41	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			04/14/22 09:41	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			04/14/22 09:41	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-839065/9
Matrix: Water
Analysis Batch: 839065

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.17	U	1.0	0.17	ug/L			04/14/22 09:41	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			04/14/22 09:41	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			04/14/22 09:41	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			04/14/22 09:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 128*		*04/14/22 09:41*	*1*
4-Bromofluorobenzene	*97*		*76 - 120*		*04/14/22 09:41*	*1*
Dibromofluoromethane (Surr)	*116*		*77 - 124*		*04/14/22 09:41*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*04/14/22 09:41*	*1*

Lab Sample ID: LCS 460-839065/4
Matrix: Water
Analysis Batch: 839065

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	22.1		ug/L		111	68 - 128
1,1,2,2-Tetrachloroethane	20.0	19.0		ug/L		95	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	23.8		ug/L		119	51 - 142
1,1,2-Trichloroethane	20.0	19.7		ug/L		99	74 - 125
1,1-Dichloroethane	20.0	21.0		ug/L		105	73 - 130
1,1-Dichloroethene	20.0	23.2		ug/L		116	68 - 133
1,2,3-Trichlorobenzene	20.0	22.3		ug/L		111	56 - 144
1,2,4-Trichlorobenzene	20.0	21.5		ug/L		107	67 - 132
1,2-Dichloropropane	20.0	19.5		ug/L		98	68 - 128
1,3-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120
1,4-Dichlorobenzene	20.0	20.2		ug/L		101	80 - 120
1,4-Dioxane	400	369		ug/L		92	62 - 142
2-Butanone (MEK)	100	111		ug/L		111	61 - 128
2-Hexanone	100	107		ug/L		107	61 - 134
4-Methyl-2-pentanone (MIBK)	100	102		ug/L		102	69 - 128
Acetone	100	113		ug/L		113	61 - 134
Benzene	20.0	19.6		ug/L		98	71 - 126
Bromoform	20.0	18.0		ug/L		90	48 - 144
Bromomethane	20.0	21.3		ug/L		106	32 - 150
Carbon disulfide	20.0	22.8		ug/L		114	64 - 138
Carbon tetrachloride	20.0	22.4		ug/L		112	61 - 131
Chlorobenzene	20.0	20.3		ug/L		102	80 - 120
Chlorobromomethane	20.0	21.5		ug/L		108	67 - 126
Chlorodibromomethane	20.0	19.4		ug/L		97	62 - 130
Chloroethane	20.0	20.3		ug/L		101	42 - 150
Chloroform	20.0	22.0		ug/L		110	78 - 125
Chloromethane	20.0	18.8		ug/L		94	43 - 150
cis-1,2-Dichloroethene	20.0	22.0		ug/L		110	78 - 121
cis-1,3-Dichloropropene	20.0	19.7		ug/L		98	74 - 125
Cyclohexane	20.0	23.3		ug/L		117	60 - 133
Dichlorobromomethane	20.0	21.0		ug/L		105	76 - 121
Dichlorodifluoromethane	20.0	19.2		ug/L		96	33 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-839065/4
Matrix: Water
Analysis Batch: 839065

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethylbenzene			20.0	20.4		ug/L		102	78 - 120		
Ethylene Dibromide			20.0	20.3		ug/L		101	79 - 126		
Isopropylbenzene			20.0	20.9		ug/L		104	79 - 125		
Methyl acetate			40.0	43.4		ug/L		109	55 - 146		
Methyl tert-butyl ether			20.0	20.7		ug/L		104	72 - 131		
Methylcyclohexane			20.0	25.7		ug/L		128	54 - 139		
Methylene Chloride			20.0	21.6		ug/L		108	74 - 127		
m-Xylene & p-Xylene			20.0	20.6		ug/L		103	78 - 120		
o-Xylene			20.0	20.6		ug/L		103	78 - 120		
Styrene			20.0	18.5		ug/L		92	75 - 127		
Tetrachloroethene			20.0	19.8		ug/L		99	70 - 127		
Toluene			20.0	20.1		ug/L		100	78 - 120		
trans-1,2-Dichloroethene			20.0	22.6		ug/L		113	74 - 126		
trans-1,3-Dichloropropene			20.0	19.4		ug/L		97	66 - 127		
Trichloroethene			20.0	21.8		ug/L		109	71 - 121		
Trichlorofluoromethane			20.0	20.3		ug/L		101	50 - 150		
Vinyl chloride			20.0	17.9		ug/L		89	55 - 144		
1,2-Dichloroethane			20.0	19.9		ug/L		100	66 - 129		
1,2-Dichlorobenzene			20.0	20.7		ug/L		103	80 - 120		
1,2-Dibromo-3-Chloropropane			20.0	18.1		ug/L		91	58 - 132		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 128*
4-Bromofluorobenzene	*97*		*76 - 120*
Dibromofluoromethane (Surr)	*110*		*77 - 124*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: LCSD 460-839065/5
Matrix: Water
Analysis Batch: 839065

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	20.5		ug/L		102	68 - 128	8	30
1,1,2,2-Tetrachloroethane			20.0	17.9		ug/L		89	63 - 139	6	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	18.9		ug/L		94	51 - 142	23	30
1,1,2-Trichloroethane			20.0	18.4		ug/L		92	74 - 125	7	30
1,1-Dichloroethane			20.0	20.0		ug/L		100	73 - 130	5	30
1,1-Dichloroethene			20.0	19.7		ug/L		99	68 - 133	17	30
1,2,3-Trichlorobenzene			20.0	21.8		ug/L		109	56 - 144	2	30
1,2,4-Trichlorobenzene			20.0	19.3		ug/L		96	67 - 132	11	30
1,2-Dichloropropane			20.0	19.0		ug/L		95	68 - 128	3	30
1,3-Dichlorobenzene			20.0	19.0		ug/L		95	80 - 120	8	30
1,4-Dichlorobenzene			20.0	19.2		ug/L		96	80 - 120	5	30
1,4-Dioxane			400	418		ug/L		105	62 - 142	13	30
2-Butanone (MEK)			100	104		ug/L		104	61 - 128	7	30
2-Hexanone			100	98.2		ug/L		98	61 - 134	8	30
4-Methyl-2-pentanone (MIBK)			100	98.2		ug/L		98	69 - 128	3	30
Acetone			100	113		ug/L		113	61 - 134	0	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-839065/5
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 839065

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			20.0	19.2		ug/L		96	71 - 126	2	30
Bromoform			20.0	16.7		ug/L		83	48 - 144	7	30
Bromomethane			20.0	20.5		ug/L		103	32 - 150	4	30
Carbon disulfide			20.0	21.2		ug/L		106	64 - 138	8	30
Carbon tetrachloride			20.0	20.4		ug/L		102	61 - 131	9	30
Chlorobenzene			20.0	19.5		ug/L		98	80 - 120	4	30
Chlorobromomethane			20.0	20.2		ug/L		101	67 - 126	6	30
Chlorodibromomethane			20.0	18.4		ug/L		92	62 - 130	5	30
Chloroethane			20.0	19.8		ug/L		99	42 - 150	3	30
Chloroform			20.0	21.3		ug/L		106	78 - 125	3	30
Chloromethane			20.0	18.8		ug/L		94	43 - 150	0	30
cis-1,2-Dichloroethene			20.0	20.8		ug/L		104	78 - 121	6	30
cis-1,3-Dichloropropene			20.0	18.3		ug/L		92	74 - 125	7	30
Cyclohexane			20.0	23.3		ug/L		117	60 - 133	0	30
Dichlorobromomethane			20.0	19.9		ug/L		100	76 - 121	5	30
Dichlorodifluoromethane			20.0	17.4		ug/L		87	33 - 150	10	30
Ethylbenzene			20.0	20.1		ug/L		101	78 - 120	2	30
Ethylene Dibromide			20.0	19.0		ug/L		95	79 - 126	6	30
Isopropylbenzene			20.0	19.8		ug/L		99	79 - 125	5	30
Methyl acetate			40.0	39.3		ug/L		98	55 - 146	10	30
Methyl tert-butyl ether			20.0	19.8		ug/L		99	72 - 131	5	30
Methylcyclohexane			20.0	24.3		ug/L		121	54 - 139	6	30
Methylene Chloride			20.0	21.2		ug/L		106	74 - 127	2	30
m-Xylene & p-Xylene			20.0	20.5		ug/L		103	78 - 120	0	30
o-Xylene			20.0	19.4		ug/L		97	78 - 120	6	30
Styrene			20.0	17.8		ug/L		89	75 - 127	4	30
Tetrachloroethene			20.0	19.6		ug/L		98	70 - 127	1	30
Toluene			20.0	19.0		ug/L		95	78 - 120	5	30
trans-1,2-Dichloroethene			20.0	21.4		ug/L		107	74 - 126	6	30
trans-1,3-Dichloropropene			20.0	18.3		ug/L		91	66 - 127	6	30
Trichloroethene			20.0	21.4		ug/L		107	71 - 121	2	30
Trichlorofluoromethane			20.0	20.4		ug/L		102	50 - 150	0	30
Vinyl chloride			20.0	18.8		ug/L		94	55 - 144	5	30
1,2-Dichloroethane			20.0	19.3		ug/L		96	66 - 129	3	30
1,2-Dichlorobenzene			20.0	19.0		ug/L		95	80 - 120	8	30
1,2-Dibromo-3-Chloropropane			20.0	17.1		ug/L		86	58 - 132	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 128*
4-Bromofluorobenzene	*89*		*76 - 120*
Dibromofluoromethane (Surr)	*101*		*77 - 124*
Toluene-d8 (Surr)	*96*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-839151/1-A
Matrix: Solid
Analysis Batch: 839189

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 839151

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.23	U	1.0	0.23	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.30	U	1.0	0.30	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
1,1,2-Trichloroethane	0.18	U	1.0	0.18	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
1,1-Dichloroethane	0.21	U	1.0	0.21	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
1,2,3-Trichlorobenzene	0.18	U	1.0	0.18	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
1,2,4-Trichlorobenzene	0.36	U	1.0	0.36	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
1,2-Dichloropropane	0.42	U	1.0	0.42	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
1,3-Dichlorobenzene	0.37	U	1.0	0.37	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
1,4-Dichlorobenzene	0.23	U	1.0	0.23	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
1,4-Dioxane	9.2	U	100	9.2	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
2-Butanone (MEK)	0.37	U	5.0	0.37	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
2-Hexanone	1.7	U	5.0	1.7	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
4-Methyl-2-pentanone (MIBK)	1.6	U	5.0	1.6	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Acetone	8.35		6.0	5.7	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Benzene	0.26	U	1.0	0.26	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Bromoform	0.43	U	1.0	0.43	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Bromomethane	1.0	U	2.0	1.0	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Carbon disulfide	0.27	U	1.0	0.27	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Carbon tetrachloride	0.39	U	1.0	0.39	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Chlorobenzene	0.18	U	1.0	0.18	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Chlorobromomethane	0.28	U	1.0	0.28	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Chlorodibromomethane	0.19	U	1.0	0.19	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Chloroethane	0.52	U	1.0	0.52	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Chloroform	0.97	U	1.0	0.97	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Chloromethane	0.44	U	1.0	0.44	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
cis-1,2-Dichloroethene	0.36	U	1.0	0.36	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
cis-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Cyclohexane	0.22	U	1.0	0.22	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Dichlorobromomethane	0.26	U	1.0	0.26	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Dichlorodifluoromethane	0.34	U	1.0	0.34	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Ethylbenzene	0.20	U	1.0	0.20	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Ethylene Dibromide	0.18	U	1.0	0.18	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Isopropylbenzene	0.29	U	1.0	0.29	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Methyl acetate	4.3	U	5.0	4.3	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Methyl tert-butyl ether	0.51	U	1.0	0.51	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Methylcyclohexane	0.50	U	1.0	0.50	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Methylene Chloride	1.1	U	2.0	1.1	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
m-Xylene & p-Xylene	0.17	U	1.0	0.17	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
o-Xylene	0.19	U	1.0	0.19	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Styrene	0.28	U	1.0	0.28	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Tetrachloroethene	0.31	U	1.0	0.31	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Toluene	0.23	U	1.0	0.23	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
trans-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Trichloroethene	0.32	U	1.0	0.32	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
Trichlorofluoromethane	0.41	U	1.0	0.41	ug/Kg		04/14/22 11:34	04/14/22 19:26	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-839151/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 839189
Prep Batch: 839151

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.55	U	1.0	0.55	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
1,2-Dichloroethane	0.30	U	1.0	0.30	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
1,2-Dichlorobenzene	0.36	U	1.0	0.36	ug/Kg		04/14/22 11:34	04/14/22 19:26	1
1,2-Dibromo-3-Chloropropane	0.46	U	1.0	0.46	ug/Kg		04/14/22 11:34	04/14/22 19:26	1

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*72 - 145*	*04/14/22 11:34*	*04/14/22 19:26*	*1*
4-Bromofluorobenzene	*102*		*75 - 139*	*04/14/22 11:34*	*04/14/22 19:26*	*1*
Dibromofluoromethane (Surr)	*115*		*73 - 139*	*04/14/22 11:34*	*04/14/22 19:26*	*1*
Toluene-d8 (Surr)	*116*		*80 - 120*	*04/14/22 11:34*	*04/14/22 19:26*	*1*

Lab Sample ID: MB 460-839189/9
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 839189

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.23	U	1.0	0.23	ug/Kg			04/14/22 19:03	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/Kg			04/14/22 19:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.30	U	1.0	0.30	ug/Kg			04/14/22 19:03	1
1,1,2-Trichloroethane	0.18	U	1.0	0.18	ug/Kg			04/14/22 19:03	1
1,1-Dichloroethane	0.21	U	1.0	0.21	ug/Kg			04/14/22 19:03	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/Kg			04/14/22 19:03	1
1,2,3-Trichlorobenzene	0.18	U	1.0	0.18	ug/Kg			04/14/22 19:03	1
1,2,4-Trichlorobenzene	0.36	U	1.0	0.36	ug/Kg			04/14/22 19:03	1
1,2-Dichloropropane	0.42	U	1.0	0.42	ug/Kg			04/14/22 19:03	1
1,3-Dichlorobenzene	0.37	U	1.0	0.37	ug/Kg			04/14/22 19:03	1
1,4-Dichlorobenzene	0.23	U	1.0	0.23	ug/Kg			04/14/22 19:03	1
1,4-Dioxane	9.2	U	100	9.2	ug/Kg			04/14/22 19:03	1
2-Butanone (MEK)	0.37	U	5.0	0.37	ug/Kg			04/14/22 19:03	1
2-Hexanone	1.7	U	5.0	1.7	ug/Kg			04/14/22 19:03	1
4-Methyl-2-pentanone (MIBK)	1.6	U	5.0	1.6	ug/Kg			04/14/22 19:03	1
Acetone	5.7	U	6.0	5.7	ug/Kg			04/14/22 19:03	1
Benzene	0.26	U	1.0	0.26	ug/Kg			04/14/22 19:03	1
Bromoform	0.43	U	1.0	0.43	ug/Kg			04/14/22 19:03	1
Bromomethane	1.0	U	2.0	1.0	ug/Kg			04/14/22 19:03	1
Carbon disulfide	0.27	U	1.0	0.27	ug/Kg			04/14/22 19:03	1
Carbon tetrachloride	0.39	U	1.0	0.39	ug/Kg			04/14/22 19:03	1
Chlorobenzene	0.18	U	1.0	0.18	ug/Kg			04/14/22 19:03	1
Chlorobromomethane	0.28	U	1.0	0.28	ug/Kg			04/14/22 19:03	1
Chlorodibromomethane	0.19	U	1.0	0.19	ug/Kg			04/14/22 19:03	1
Chloroethane	0.52	U	1.0	0.52	ug/Kg			04/14/22 19:03	1
Chloroform	0.97	U	1.0	0.97	ug/Kg			04/14/22 19:03	1
Chloromethane	0.44	U	1.0	0.44	ug/Kg			04/14/22 19:03	1
cis-1,2-Dichloroethene	0.36	U	1.0	0.36	ug/Kg			04/14/22 19:03	1
cis-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/Kg			04/14/22 19:03	1
Cyclohexane	0.22	U	1.0	0.22	ug/Kg			04/14/22 19:03	1
Dichlorobromomethane	0.26	U	1.0	0.26	ug/Kg			04/14/22 19:03	1
Dichlorodifluoromethane	0.34	U	1.0	0.34	ug/Kg			04/14/22 19:03	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-839189/9
Matrix: Solid
Analysis Batch: 839189

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.20	U	1.0	0.20	ug/Kg			04/14/22 19:03	1
Ethylene Dibromide	0.18	U	1.0	0.18	ug/Kg			04/14/22 19:03	1
Isopropylbenzene	0.29	U	1.0	0.29	ug/Kg			04/14/22 19:03	1
Methyl acetate	4.3	U	5.0	4.3	ug/Kg			04/14/22 19:03	1
Methyl tert-butyl ether	0.51	U	1.0	0.51	ug/Kg			04/14/22 19:03	1
Methylcyclohexane	0.50	U	1.0	0.50	ug/Kg			04/14/22 19:03	1
Methylene Chloride	1.1	U	2.0	1.1	ug/Kg			04/14/22 19:03	1
m-Xylene & p-Xylene	0.17	U	1.0	0.17	ug/Kg			04/14/22 19:03	1
o-Xylene	0.19	U	1.0	0.19	ug/Kg			04/14/22 19:03	1
Styrene	0.28	U	1.0	0.28	ug/Kg			04/14/22 19:03	1
Tetrachloroethene	0.31	U	1.0	0.31	ug/Kg			04/14/22 19:03	1
Toluene	0.23	U	1.0	0.23	ug/Kg			04/14/22 19:03	1
trans-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/Kg			04/14/22 19:03	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/Kg			04/14/22 19:03	1
Trichloroethene	0.32	U	1.0	0.32	ug/Kg			04/14/22 19:03	1
Trichlorofluoromethane	0.41	U	1.0	0.41	ug/Kg			04/14/22 19:03	1
Vinyl chloride	0.55	U	1.0	0.55	ug/Kg			04/14/22 19:03	1
1,2-Dichloroethane	0.30	U	1.0	0.30	ug/Kg			04/14/22 19:03	1
1,2-Dichlorobenzene	0.36	U	1.0	0.36	ug/Kg			04/14/22 19:03	1
1,2-Dibromo-3-Chloropropane	0.46	U	1.0	0.46	ug/Kg			04/14/22 19:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*72 - 145*		*04/14/22 19:03*	*1*
4-Bromofluorobenzene	*97*		*75 - 139*		*04/14/22 19:03*	*1*
Dibromofluoromethane (Surr)	*102*		*73 - 139*		*04/14/22 19:03*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*04/14/22 19:03*	*1*

Lab Sample ID: LCS 460-839189/4
Matrix: Solid
Analysis Batch: 839189

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	20.5		ug/Kg		102	78 - 120
1,1,2,2-Tetrachloroethane	20.0	20.3		ug/Kg		101	66 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.9		ug/Kg		114	75 - 141
1,1,2-Trichloroethane	20.0	20.8		ug/Kg		104	80 - 120
1,1-Dichloroethane	20.0	21.4		ug/Kg		107	77 - 129
1,1-Dichloroethene	20.0	22.3		ug/Kg		112	70 - 132
1,2,3-Trichlorobenzene	20.0	20.6		ug/Kg		103	44 - 120
1,2,4-Trichlorobenzene	20.0	19.9		ug/Kg		100	68 - 150
1,2-Dichloropropane	20.0	21.3		ug/Kg		107	73 - 124
1,3-Dichlorobenzene	20.0	20.1		ug/Kg		100	80 - 120
1,4-Dichlorobenzene	20.0	19.7		ug/Kg		99	80 - 120
1,4-Dioxane	400	429		ug/Kg		107	80 - 136
2-Butanone (MEK)	100	83.7		ug/Kg		84	75 - 120
2-Hexanone	100	89.5		ug/Kg		90	70 - 128
4-Methyl-2-pentanone (MIBK)	100	92.2		ug/Kg		92	80 - 122
Acetone	100	95.2		ug/Kg		95	63 - 131

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-839189/4
Matrix: Solid
Analysis Batch: 839189

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	20.0	20.8		ug/Kg		104	80 - 123
Bromoform	20.0	16.9		ug/Kg		85	70 - 125
Bromomethane	20.0	18.9		ug/Kg		95	64 - 150
Carbon disulfide	20.0	22.9		ug/Kg		115	76 - 120
Carbon tetrachloride	20.0	19.7		ug/Kg		98	77 - 121
Chlorobenzene	20.0	19.8		ug/Kg		99	80 - 120
Chlorobromomethane	20.0	18.6		ug/Kg		93	76 - 127
Chlorodibromomethane	20.0	18.9		ug/Kg		95	80 - 120
Chloroethane	20.0	20.7		ug/Kg		103	68 - 132
Chloroform	20.0	20.2		ug/Kg		101	79 - 126
Chloromethane	20.0	19.9		ug/Kg		100	63 - 130
cis-1,2-Dichloroethene	20.0	19.9		ug/Kg		100	80 - 123
cis-1,3-Dichloropropene	20.0	20.9		ug/Kg		104	80 - 120
Cyclohexane	20.0	20.0		ug/Kg		100	70 - 132
Dichlorobromomethane	20.0	19.4		ug/Kg		97	73 - 124
Dichlorodifluoromethane	20.0	19.1		ug/Kg		96	62 - 150
Ethylbenzene	20.0	19.1		ug/Kg		95	76 - 120
Ethylene Dibromide	20.0	20.0		ug/Kg		100	79 - 120
Isopropylbenzene	20.0	17.3		ug/Kg		87	80 - 120
Methyl acetate	40.0	41.4		ug/Kg		103	58 - 143
Methyl tert-butyl ether	20.0	20.5		ug/Kg		102	80 - 125
Methylcyclohexane	20.0	18.6		ug/Kg		93	70 - 133
Methylene Chloride	20.0	21.7		ug/Kg		108	76 - 120
m-Xylene & p-Xylene	20.0	19.1		ug/Kg		95	80 - 120
o-Xylene	20.0	18.2		ug/Kg		91	80 - 120
Styrene	20.0	18.0		ug/Kg		90	80 - 120
Tetrachloroethene	20.0	19.5		ug/Kg		98	78 - 123
Toluene	20.0	20.2		ug/Kg		101	80 - 120
trans-1,2-Dichloroethene	20.0	20.8		ug/Kg		104	78 - 120
trans-1,3-Dichloropropene	20.0	20.1		ug/Kg		100	80 - 120
Trichloroethene	20.0	19.4		ug/Kg		97	79 - 120
Trichlorofluoromethane	20.0	21.1		ug/Kg		106	76 - 142
Vinyl chloride	20.0	19.8		ug/Kg		99	72 - 131
1,2-Dichloroethane	20.0	21.3		ug/Kg		107	75 - 123
1,2-Dichlorobenzene	20.0	19.9		ug/Kg		99	80 - 120
1,2-Dibromo-3-Chloropropane	20.0	17.6		ug/Kg		88	60 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*72 - 145*
4-Bromofluorobenzene	*98*		*75 - 139*
Dibromofluoromethane (Surr)	*98*		*73 - 139*
Toluene-d8 (Surr)	*102*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-839189/5
Matrix: Solid
Analysis Batch: 839189

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	19.4		ug/Kg		97	78 - 120	5	30
1,1,2,2-Tetrachloroethane	20.0	20.2		ug/Kg		101	66 - 123	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.2		ug/Kg		106	75 - 141	7	30
1,1,2-Trichloroethane	20.0	20.0		ug/Kg		100	80 - 120	4	30
1,1-Dichloroethane	20.0	20.5		ug/Kg		103	77 - 129	4	30
1,1-Dichloroethene	20.0	21.5		ug/Kg		107	70 - 132	4	30
1,2,3-Trichlorobenzene	20.0	18.2		ug/Kg		91	44 - 120	12	30
1,2,4-Trichlorobenzene	20.0	18.5		ug/Kg		92	68 - 150	7	30
1,2-Dichloropropane	20.0	20.3		ug/Kg		102	73 - 124	5	30
1,3-Dichlorobenzene	20.0	18.8		ug/Kg		94	80 - 120	7	30
1,4-Dichlorobenzene	20.0	18.2		ug/Kg		91	80 - 120	8	30
1,4-Dioxane	400	439		ug/Kg		110	80 - 136	2	30
2-Butanone (MEK)	100	84.8		ug/Kg		85	75 - 120	1	30
2-Hexanone	100	85.7		ug/Kg		86	70 - 128	4	30
4-Methyl-2-pentanone (MIBK)	100	89.8		ug/Kg		90	80 - 122	3	30
Acetone	100	107		ug/Kg		107	63 - 131	12	30
Benzene	20.0	20.5		ug/Kg		102	80 - 123	2	30
Bromoform	20.0	16.9		ug/Kg		85	70 - 125	0	30
Bromomethane	20.0	19.2		ug/Kg		96	64 - 150	1	30
Carbon disulfide	20.0	22.4		ug/Kg		112	76 - 120	2	30
Carbon tetrachloride	20.0	19.3		ug/Kg		97	77 - 121	2	30
Chlorobenzene	20.0	19.1		ug/Kg		95	80 - 120	4	30
Chlorobromomethane	20.0	18.5		ug/Kg		93	76 - 127	1	30
Chlorodibromomethane	20.0	18.0		ug/Kg		90	80 - 120	5	30
Chloroethane	20.0	20.9		ug/Kg		105	68 - 132	1	30
Chloroform	20.0	19.3		ug/Kg		97	79 - 126	4	30
Chloromethane	20.0	19.8		ug/Kg		99	63 - 130	1	30
cis-1,2-Dichloroethene	20.0	19.1		ug/Kg		95	80 - 123	4	30
cis-1,3-Dichloropropene	20.0	20.2		ug/Kg		101	80 - 120	3	30
Cyclohexane	20.0	18.3		ug/Kg		92	70 - 132	9	30
Dichlorobromomethane	20.0	18.8		ug/Kg		94	73 - 124	3	30
Dichlorodifluoromethane	20.0	19.2		ug/Kg		96	62 - 150	0	30
Ethylbenzene	20.0	18.6		ug/Kg		93	76 - 120	2	30
Ethylene Dibromide	20.0	18.9		ug/Kg		95	79 - 120	6	30
Isopropylbenzene	20.0	16.0		ug/Kg		80	80 - 120	8	30
Methyl acetate	40.0	48.4		ug/Kg		121	58 - 143	16	30
Methyl tert-butyl ether	20.0	20.5		ug/Kg		103	80 - 125	0	30
Methylcyclohexane	20.0	16.6		ug/Kg		83	70 - 133	12	30
Methylene Chloride	20.0	20.8		ug/Kg		104	76 - 120	4	30
m-Xylene & p-Xylene	20.0	18.4		ug/Kg		92	80 - 120	3	30
o-Xylene	20.0	17.2		ug/Kg		86	80 - 120	6	30
Styrene	20.0	17.4		ug/Kg		87	80 - 120	4	30
Tetrachloroethene	20.0	18.3		ug/Kg		91	78 - 123	7	30
Toluene	20.0	19.2		ug/Kg		96	80 - 120	5	30
trans-1,2-Dichloroethene	20.0	20.6		ug/Kg		103	78 - 120	1	30
trans-1,3-Dichloropropene	20.0	19.2		ug/Kg		96	80 - 120	5	30
Trichloroethene	20.0	18.9		ug/Kg		95	79 - 120	2	30
Trichlorofluoromethane	20.0	21.5		ug/Kg		108	76 - 142	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-839189/5
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 839189

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Vinyl chloride			20.0	20.7		ug/Kg		103	72 - 131	4	30
1,2-Dichloroethane			20.0	20.1		ug/Kg		100	75 - 123	6	30
1,2-Dichlorobenzene			20.0	18.9		ug/Kg		94	80 - 120	5	30
1,2-Dibromo-3-Chloropropane			20.0	17.1		ug/Kg		86	60 - 124	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 145*
4-Bromofluorobenzene	*97*		*75 - 139*
Dibromofluoromethane (Surr)	*97*		*73 - 139*
Toluene-d8 (Surr)	*100*		*80 - 120*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

GC/MS VOA

Analysis Batch: 839065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-256171-11	Trip Blank	Total/NA	Water	8260D	
MB 460-839065/9	Method Blank	Total/NA	Water	8260D	
LCS 460-839065/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-839065/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Prep Batch: 839151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-256171-1	CC-08	Total/NA	Solid	5035	
460-256171-2	CC-09	Total/NA	Solid	5035	
460-256171-3	CC-10	Total/NA	Solid	5035	
460-256171-4	CC-11	Total/NA	Solid	5035	
460-256171-5	CC-12	Total/NA	Solid	5035	
460-256171-6	CC-13	Total/NA	Solid	5035	
460-256171-7	CC-14	Total/NA	Solid	5035	
460-256171-8	CC-15	Total/NA	Solid	5035	
460-256171-9	CC-16	Total/NA	Solid	5035	
460-256171-10	CC-DUP-01	Total/NA	Solid	5035	
LB3 460-839151/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 839189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-256171-1	CC-08	Total/NA	Solid	8260D	839151
460-256171-2	CC-09	Total/NA	Solid	8260D	839151
460-256171-3	CC-10	Total/NA	Solid	8260D	839151
460-256171-4	CC-11	Total/NA	Solid	8260D	839151
460-256171-5	CC-12	Total/NA	Solid	8260D	839151
460-256171-6	CC-13	Total/NA	Solid	8260D	839151
460-256171-7	CC-14	Total/NA	Solid	8260D	839151
460-256171-8	CC-15	Total/NA	Solid	8260D	839151
460-256171-9	CC-16	Total/NA	Solid	8260D	839151
460-256171-10	CC-DUP-01	Total/NA	Solid	8260D	839151
LB3 460-839151/1-A	Method Blank	Total/NA	Solid	8260D	839151
MB 460-839189/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-839189/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-839189/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

General Chemistry

Analysis Batch: 839126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-256171-1	CC-08	Total/NA	Solid	Moisture	
460-256171-2	CC-09	Total/NA	Solid	Moisture	
460-256171-3	CC-10	Total/NA	Solid	Moisture	
460-256171-4	CC-11	Total/NA	Solid	Moisture	
460-256171-5	CC-12	Total/NA	Solid	Moisture	
460-256171-6	CC-13	Total/NA	Solid	Moisture	
460-256171-7	CC-14	Total/NA	Solid	Moisture	
460-256171-8	CC-15	Total/NA	Solid	Moisture	
460-256171-9	CC-16	Total/NA	Solid	Moisture	
460-256171-10	CC-DUP-01	Total/NA	Solid	Moisture	
460-256171-1 DU	CC-08	Total/NA	Solid	Moisture	

Client Sample ID: CC-08
Lab Sample ID: 460-256171-1
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	839126	04/14/22 10:57	OJR	TAL EDI

Client Sample ID: CC-08
Lab Sample ID: 460-256171-1
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26
Percent Solids: 96.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			839151	04/14/22 11:35	YXG	TAL EDI
Total/NA	Analysis	8260D		1	839189	04/14/22 19:49	AAT	TAL EDI

Client Sample ID: CC-09
Lab Sample ID: 460-256171-2
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	839126	04/14/22 10:57	OJR	TAL EDI

Client Sample ID: CC-09
Lab Sample ID: 460-256171-2
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26
Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			839151	04/14/22 11:37	YXG	TAL EDI
Total/NA	Analysis	8260D		1	839189	04/14/22 20:11	AAT	TAL EDI

Client Sample ID: CC-10
Lab Sample ID: 460-256171-3
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	839126	04/14/22 10:57	OJR	TAL EDI

Client Sample ID: CC-10
Lab Sample ID: 460-256171-3
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26
Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			839151	04/14/22 11:38	YXG	TAL EDI
Total/NA	Analysis	8260D		1	839189	04/14/22 20:33	AAT	TAL EDI

Client Sample ID: CC-11
Lab Sample ID: 460-256171-4
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	839126	04/14/22 10:57	OJR	TAL EDI

Client Sample ID: CC-11
Lab Sample ID: 460-256171-4
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26
Percent Solids: 97.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			839151	04/14/22 11:40	YXG	TAL EDI
Total/NA	Analysis	8260D		1	839189	04/14/22 20:55	AAT	TAL EDI

Client Sample ID: CC-12
Lab Sample ID: 460-256171-5
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	839126	04/14/22 10:57	OJR	TAL EDI

Client Sample ID: CC-12
Lab Sample ID: 460-256171-5
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26
Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			839151	04/14/22 11:41	YXG	TAL EDI
Total/NA	Analysis	8260D		1	839189	04/14/22 21:16	AAT	TAL EDI

Client Sample ID: CC-13
Lab Sample ID: 460-256171-6
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	839126	04/14/22 10:57	OJR	TAL EDI

Client Sample ID: CC-13
Lab Sample ID: 460-256171-6
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26
Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			839151	04/14/22 11:43	YXG	TAL EDI
Total/NA	Analysis	8260D		1	839189	04/14/22 21:39	AAT	TAL EDI

Client Sample ID: CC-14
Lab Sample ID: 460-256171-7
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	839126	04/14/22 10:57	OJR	TAL EDI

Client Sample ID: CC-14
Lab Sample ID: 460-256171-7
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26
Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			839151	04/14/22 11:44	YXG	TAL EDI
Total/NA	Analysis	8260D		1	839189	04/14/22 22:01	AAT	TAL EDI

Client Sample ID: CC-15
Lab Sample ID: 460-256171-8
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	839126	04/14/22 10:57	OJR	TAL EDI

Client Sample ID: CC-15
Lab Sample ID: 460-256171-8
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26
Percent Solids: 97.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			839151	04/14/22 11:46	YXG	TAL EDI
Total/NA	Analysis	8260D		1	839189	04/14/22 22:23	AAT	TAL EDI

Client Sample ID: CC-16
Lab Sample ID: 460-256171-9
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	839126	04/14/22 10:57	OJR	TAL EDI

Client Sample ID: CC-16
Lab Sample ID: 460-256171-9
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			839151	04/14/22 11:48	YXG	TAL EDI
Total/NA	Analysis	8260D		1	839189	04/14/22 22:45	AAT	TAL EDI

Client Sample ID: CC-DUP-01
Lab Sample ID: 460-256171-10
Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	839126	04/14/22 10:57	OJR	TAL EDI

Lab Chronicle

Client: Environmental Compliance & Control Inc
Job ID: 460-256171-1
Project/Site: Bridge Cleaners, Long Island City, NY

Client Sample ID: CC-DUP-01
Lab Sample ID: 460-256171-10

Date Collected: 04/11/22 00:00
Matrix: Solid
Date Received: 04/13/22 13:26
Percent Solids: 95.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			839151	04/14/22 11:49	YXG	TAL EDI
Total/NA	Analysis	8260D		1	839189	04/14/22 23:08	AAT	TAL EDI

Client Sample ID: Trip Blank
Lab Sample ID: 460-256171-11

Date Collected: 04/11/22 00:00
Matrix: Water
Date Received: 04/13/22 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	839065	04/14/22 12:44	CJM	TAL EDI

Laboratory References:

TAL EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Environmental Compliance & Control Inc
Job ID: 460-256171-1
Project/Site: Bridge Cleaners, Long Island City, NY

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
CC-08	460-256171-1	25 S1-	110	94	98
CC-09	460-256171-2	56 S1-	109	97	96
CC-10	460-256171-3	28 S1-	112	101	94
CC-11	460-256171-4	27 S1-	110	99	96
CC-12	460-256171-5	23 S1-	112	96	97
CC-13	460-256171-6	25 S1-	115	95	90
CC-14	460-256171-7	49 S1-	114	99	96
CC-15	460-256171-8	37 S1-	114	106	97
CC-16	460-256171-9	80	105	93	88
CC-DUP-01	460-256171-10	68 S1-	112	98	97
	MB 460-839189/9	102	111	100	97
	LB3 460-839151/1-A	115	119	116	102
	LCS 460-839189/4	98	109	102	98
	LCSD 460-839189/5	97	107	100	97

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	73-139
DCA = 1,2-Dichloroethane-d4 (Surr)	72-145
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	75-139

Column to be used to flag recovery values

FORM II 8260D

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
Trip Blank	460-256171-11	104	101	95	88
	MB 460-839065/9	116	106	103	97
	LCS 460-839065/4	110	104	103	97
	LCSD 460-839065/5	101	97	96	89

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-124
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N48062.D

Lab ID: LCS 460-839065/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	22.1	111	68-128	
1,1,2,2-Tetrachloroethane	20.0	19.0	95	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	23.8	119	51-142	
1,1,2-Trichloroethane	20.0	19.7	99	74-125	
1,1-Dichloroethane	20.0	21.0	105	73-130	
1,1-Dichloroethene	20.0	23.2	116	68-133	
1,2,3-Trichlorobenzene	20.0	22.3	111	56-144	
1,2,4-Trichlorobenzene	20.0	21.5	107	67-132	
1,2-Dichloropropane	20.0	19.5	98	68-128	
1,3-Dichlorobenzene	20.0	20.6	103	80-120	
1,4-Dichlorobenzene	20.0	20.2	101	80-120	
1,4-Dioxane	400	369	92	62-142	
2-Butanone (MEK)	100	111	111	61-128	
2-Hexanone	100	107	107	61-134	
4-Methyl-2-pentanone (MIBK)	100	102	102	69-128	
Acetone	100	113	113	61-134	
Benzene	20.0	19.6	98	71-126	
Bromoform	20.0	18.0	90	48-144	
Bromomethane	20.0	21.3	106	32-150	
Carbon disulfide	20.0	22.8	114	64-138	
Carbon tetrachloride	20.0	22.4	112	61-131	
Chlorobenzene	20.0	20.3	102	80-120	
Chlorobromomethane	20.0	21.5	108	67-126	
Chlorodibromomethane	20.0	19.4	97	62-130	
Chloroethane	20.0	20.3	101	42-150	
Chloroform	20.0	22.0	110	78-125	
Chloromethane	20.0	18.8	94	43-150	
cis-1,2-Dichloroethene	20.0	22.0	110	78-121	
cis-1,3-Dichloropropene	20.0	19.7	98	74-125	
Cyclohexane	20.0	23.3	117	60-133	
Dichlorobromomethane	20.0	21.0	105	76-121	
Dichlorodifluoromethane	20.0	19.2	96	33-150	
Ethylbenzene	20.0	20.4	102	78-120	
Ethylene Dibromide	20.0	20.3	101	79-126	
Isopropylbenzene	20.0	20.9	104	79-125	
Methyl acetate	40.0	43.4	109	55-146	
Methyl tert-butyl ether	20.0	20.7	104	72-131	
Methylcyclohexane	20.0	25.7	128	54-139	
Methylene Chloride	20.0	21.6	108	74-127	
m-Xylene & p-Xylene	20.0	20.6	103	78-120	
o-Xylene	20.0	20.6	103	78-120	
Styrene	20.0	18.5	92	75-127	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N48062.D

Lab ID: LCS 460-839065/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Tetrachloroethene	20.0	19.8	99	70-127	
Toluene	20.0	20.1	100	78-120	
trans-1,2-Dichloroethene	20.0	22.6	113	74-126	
trans-1,3-Dichloropropene	20.0	19.4	97	66-127	
Trichloroethene	20.0	21.8	109	71-121	
Trichlorofluoromethane	20.0	20.3	101	50-150	
Vinyl chloride	20.0	17.9	89	55-144	
1,2-Dichloroethane	20.0	19.9	100	66-129	
1,2-Dichlorobenzene	20.0	20.7	103	80-120	
1,2-Dibromo-3-Chloropropane	20.0	18.1	91	58-132	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B85734.D

Lab ID: LCS 460-839189/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.5	102	78-120	
1,1,2,2-Tetrachloroethane	20.0	20.3	101	66-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.9	114	75-141	
1,1,2-Trichloroethane	20.0	20.8	104	80-120	
1,1-Dichloroethane	20.0	21.4	107	77-129	
1,1-Dichloroethene	20.0	22.3	112	70-132	
1,2,3-Trichlorobenzene	20.0	20.6	103	44-120	
1,2,4-Trichlorobenzene	20.0	19.9	100	68-150	
1,2-Dichloropropane	20.0	21.3	107	73-124	
1,3-Dichlorobenzene	20.0	20.1	100	80-120	
1,4-Dichlorobenzene	20.0	19.7	99	80-120	
1,4-Dioxane	400	429	107	80-136	
2-Butanone (MEK)	100	83.7	84	75-120	
2-Hexanone	100	89.5	90	70-128	
4-Methyl-2-pentanone (MIBK)	100	92.2	92	80-122	
Acetone	100	95.2	95	63-131	
Benzene	20.0	20.8	104	80-123	
Bromoform	20.0	16.9	85	70-125	
Bromomethane	20.0	18.9	95	64-150	
Carbon disulfide	20.0	22.9	115	76-120	
Carbon tetrachloride	20.0	19.7	98	77-121	
Chlorobenzene	20.0	19.8	99	80-120	
Chlorobromomethane	20.0	18.6	93	76-127	
Chlorodibromomethane	20.0	18.9	95	80-120	
Chloroethane	20.0	20.7	103	68-132	
Chloroform	20.0	20.2	101	79-126	
Chloromethane	20.0	19.9	100	63-130	
cis-1,2-Dichloroethene	20.0	19.9	100	80-123	
cis-1,3-Dichloropropene	20.0	20.9	104	80-120	
Cyclohexane	20.0	20.0	100	70-132	
Dichlorobromomethane	20.0	19.4	97	73-124	
Dichlorodifluoromethane	20.0	19.1	96	62-150	
Ethylbenzene	20.0	19.1	95	76-120	
Ethylene Dibromide	20.0	20.0	100	79-120	
Isopropylbenzene	20.0	17.3	87	80-120	
Methyl acetate	40.0	41.4	103	58-143	
Methyl tert-butyl ether	20.0	20.5	102	80-125	
Methylcyclohexane	20.0	18.6	93	70-133	
Methylene Chloride	20.0	21.7	108	76-120	
m-Xylene & p-Xylene	20.0	19.1	95	80-120	
o-Xylene	20.0	18.2	91	80-120	
Styrene	20.0	18.0	90	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B85734.D

Lab ID: LCS 460-839189/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Tetrachloroethene	20.0	19.5	98	78-123	
Toluene	20.0	20.2	101	80-120	
trans-1,2-Dichloroethene	20.0	20.8	104	78-120	
trans-1,3-Dichloropropene	20.0	20.1	100	80-120	
Trichloroethene	20.0	19.4	97	79-120	
Trichlorofluoromethane	20.0	21.1	106	76-142	
Vinyl chloride	20.0	19.8	99	72-131	
1,2-Dichloroethane	20.0	21.3	107	75-123	
1,2-Dichlorobenzene	20.0	19.9	99	80-120	
1,2-Dibromo-3-Chloropropane	20.0	17.6	88	60-124	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N48063.D

Lab ID: LCSD 460-839065/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.5	102	8	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	17.9	89	6	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.9	94	23	30	51-142	
1,1,2-Trichloroethane	20.0	18.4	92	7	30	74-125	
1,1-Dichloroethane	20.0	20.0	100	5	30	73-130	
1,1-Dichloroethene	20.0	19.7	99	17	30	68-133	
1,2,3-Trichlorobenzene	20.0	21.8	109	2	30	56-144	
1,2,4-Trichlorobenzene	20.0	19.3	96	11	30	67-132	
1,2-Dichloropropane	20.0	19.0	95	3	30	68-128	
1,3-Dichlorobenzene	20.0	19.0	95	8	30	80-120	
1,4-Dichlorobenzene	20.0	19.2	96	5	30	80-120	
1,4-Dioxane	400	418	105	13	30	62-142	
2-Butanone (MEK)	100	104	104	7	30	61-128	
2-Hexanone	100	98.2	98	8	30	61-134	
4-Methyl-2-pentanone (MIBK)	100	98.2	98	3	30	69-128	
Acetone	100	113	113	0	30	61-134	
Benzene	20.0	19.2	96	2	30	71-126	
Bromoform	20.0	16.7	83	7	30	48-144	
Bromomethane	20.0	20.5	103	4	30	32-150	
Carbon disulfide	20.0	21.2	106	8	30	64-138	
Carbon tetrachloride	20.0	20.4	102	9	30	61-131	
Chlorobenzene	20.0	19.5	98	4	30	80-120	
Chlorobromomethane	20.0	20.2	101	6	30	67-126	
Chlorodibromomethane	20.0	18.4	92	5	30	62-130	
Chloroethane	20.0	19.8	99	3	30	42-150	
Chloroform	20.0	21.3	106	3	30	78-125	
Chloromethane	20.0	18.8	94	0	30	43-150	
cis-1,2-Dichloroethene	20.0	20.8	104	6	30	78-121	
cis-1,3-Dichloropropene	20.0	18.3	92	7	30	74-125	
Cyclohexane	20.0	23.3	117	0	30	60-133	
Dichlorobromomethane	20.0	19.9	100	5	30	76-121	
Dichlorodifluoromethane	20.0	17.4	87	10	30	33-150	
Ethylbenzene	20.0	20.1	101	2	30	78-120	
Ethylene Dibromide	20.0	19.0	95	6	30	79-126	
Isopropylbenzene	20.0	19.8	99	5	30	79-125	
Methyl acetate	40.0	39.3	98	10	30	55-146	
Methyl tert-butyl ether	20.0	19.8	99	5	30	72-131	
Methylcyclohexane	20.0	24.3	121	6	30	54-139	
Methylene Chloride	20.0	21.2	106	2	30	74-127	
m-Xylene & p-Xylene	20.0	20.5	103	0	30	78-120	
o-Xylene	20.0	19.4	97	6	30	78-120	
Styrene	20.0	17.8	89	4	30	75-127	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N48063.D

Lab ID: LCSD 460-839065/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Tetrachloroethene	20.0	19.6	98	1	30	70-127	
Toluene	20.0	19.0	95	5	30	78-120	
trans-1,2-Dichloroethene	20.0	21.4	107	6	30	74-126	
trans-1,3-Dichloropropene	20.0	18.3	91	6	30	66-127	
Trichloroethene	20.0	21.4	107	2	30	71-121	
Trichlorofluoromethane	20.0	20.4	102	0	30	50-150	
Vinyl chloride	20.0	18.8	94	5	30	55-144	
1,2-Dichloroethane	20.0	19.3	96	3	30	66-129	
1,2-Dichlorobenzene	20.0	19.0	95	8	30	80-120	
1,2-Dibromo-3-Chloropropane	20.0	17.1	86	6	30	58-132	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B85735.D

Lab ID: LCSD 460-839189/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.4	97	5	30	78-120	
1,1,2,2-Tetrachloroethane	20.0	20.2	101	0	30	66-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.2	106	7	30	75-141	
1,1,2-Trichloroethane	20.0	20.0	100	4	30	80-120	
1,1-Dichloroethane	20.0	20.5	103	4	30	77-129	
1,1-Dichloroethene	20.0	21.5	107	4	30	70-132	
1,2,3-Trichlorobenzene	20.0	18.2	91	12	30	44-120	
1,2,4-Trichlorobenzene	20.0	18.5	92	7	30	68-150	
1,2-Dichloropropane	20.0	20.3	102	5	30	73-124	
1,3-Dichlorobenzene	20.0	18.8	94	7	30	80-120	
1,4-Dichlorobenzene	20.0	18.2	91	8	30	80-120	
1,4-Dioxane	400	439	110	2	30	80-136	
2-Butanone (MEK)	100	84.8	85	1	30	75-120	
2-Hexanone	100	85.7	86	4	30	70-128	
4-Methyl-2-pentanone (MIBK)	100	89.8	90	3	30	80-122	
Acetone	100	107	107	12	30	63-131	
Benzene	20.0	20.5	102	2	30	80-123	
Bromoform	20.0	16.9	85	0	30	70-125	
Bromomethane	20.0	19.2	96	1	30	64-150	
Carbon disulfide	20.0	22.4	112	2	30	76-120	
Carbon tetrachloride	20.0	19.3	97	2	30	77-121	
Chlorobenzene	20.0	19.1	95	4	30	80-120	
Chlorobromomethane	20.0	18.5	93	1	30	76-127	
Chlorodibromomethane	20.0	18.0	90	5	30	80-120	
Chloroethane	20.0	20.9	105	1	30	68-132	
Chloroform	20.0	19.3	97	4	30	79-126	
Chloromethane	20.0	19.8	99	1	30	63-130	
cis-1,2-Dichloroethene	20.0	19.1	95	4	30	80-123	
cis-1,3-Dichloropropene	20.0	20.2	101	3	30	80-120	
Cyclohexane	20.0	18.3	92	9	30	70-132	
Dichlorobromomethane	20.0	18.8	94	3	30	73-124	
Dichlorodifluoromethane	20.0	19.2	96	0	30	62-150	
Ethylbenzene	20.0	18.6	93	2	30	76-120	
Ethylene Dibromide	20.0	18.9	95	6	30	79-120	
Isopropylbenzene	20.0	16.0	80	8	30	80-120	
Methyl acetate	40.0	48.4	121	16	30	58-143	
Methyl tert-butyl ether	20.0	20.5	103	0	30	80-125	
Methylcyclohexane	20.0	16.6	83	12	30	70-133	
Methylene Chloride	20.0	20.8	104	4	30	76-120	
m-Xylene & p-Xylene	20.0	18.4	92	3	30	80-120	
o-Xylene	20.0	17.2	86	6	30	80-120	
Styrene	20.0	17.4	87	4	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B85735.D

Lab ID: LCSD 460-839189/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Tetrachloroethene	20.0	18.3	91	7	30	78-123	
Toluene	20.0	19.2	96	5	30	80-120	
trans-1,2-Dichloroethene	20.0	20.6	103	1	30	78-120	
trans-1,3-Dichloropropene	20.0	19.2	96	5	30	80-120	
Trichloroethene	20.0	18.9	95	2	30	79-120	
Trichlorofluoromethane	20.0	21.5	108	2	30	76-142	
Vinyl chloride	20.0	20.7	103	4	30	72-131	
1,2-Dichloroethane	20.0	20.1	100	6	30	75-123	
1,2-Dichlorobenzene	20.0	18.9	94	5	30	80-120	
1,2-Dibromo-3-Chloropropane	20.0	17.1	86	3	30	60-124	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Lab File ID: B85739.D Lab Sample ID: MB 460-839189/9

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS2 Date Analyzed: 04/14/2022 19:03

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-839189/4	B85734.D	04/14/2022 17:12
	LCSD 460-839189/5	B85735.D	04/14/2022 17:34
	LB3 460-839151/1-A	B85740.D	04/14/2022 19:26
CC-08	460-256171-1	B85741.D	04/14/2022 19:49
CC-09	460-256171-2	B85742.D	04/14/2022 20:11
CC-10	460-256171-3	B85743.D	04/14/2022 20:33
CC-11	460-256171-4	B85744.D	04/14/2022 20:55
CC-12	460-256171-5	B85745.D	04/14/2022 21:16
CC-13	460-256171-6	B85746.D	04/14/2022 21:39
CC-14	460-256171-7	B85747.D	04/14/2022 22:01
CC-15	460-256171-8	B85748.D	04/14/2022 22:23
CC-16	460-256171-9	B85749.D	04/14/2022 22:45
CC-DUP-01	460-256171-10	B85750.D	04/14/2022 23:08

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Lab File ID: N48067.D Lab Sample ID: MB 460-839065/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS11 Date Analyzed: 04/14/2022 09:41

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-839065/4	N48062.D	04/14/2022 07:46
	LCSD 460-839065/5	N48063.D	04/14/2022 08:09
Trip Blank	460-256171-11	N48075.D	04/14/2022 12:44

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Lab File ID: N47425.D BFB Injection Date: 03/30/2022

Instrument ID: CVOAMS11 BFB Injection Time: 23:37

Analysis Batch No.: 836508

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	118.1
96	5 - 9% of m/z 95	7.0
173	Less than 2% of m/z 174	1.0
174	50 - 200% of m/z 95	84.7
175	5 - 9% of m/z 174	7.6
176	95 -105% of m/z 174	98.6
177	5 - 10% of m/z 176	7.4

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-836508/3	N47427.D	03/31/2022	0:26
	STD1 460-836508/4	N47428.D	03/31/2022	0:49
	STD5 460-836508/5	N47429.D	03/31/2022	1:12
	STD20 460-836508/6	N47430.D	03/31/2022	1:35
	STD50 460-836508/7	N47431.D	03/31/2022	1:58
	STD200 460-836508/8	N47432.D	03/31/2022	2:21
	STD500 460-836508/9	N47433.D	03/31/2022	2:44
	ICV 460-836508/17	N47441.D	03/31/2022	5:47

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Lab File ID: B85232.D BFB Injection Date: 04/05/2022

Instrument ID: CVOAMS2 BFB Injection Time: 06:31

Analysis Batch No.: 837357

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	152.4
96	5 - 9% of m/z 95	6.9
173	Less than 2% of m/z 174	1.2
174	50 - 200% of m/z 95	65.6
175	5 - 9% of m/z 174	7.4
176	95 -105% of m/z 174	96.1
177	5 - 10% of m/z 176	6.8

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 460-837357/4	B85235.D	04/05/2022	7:38
	STD5 460-837357/5	B85236.D	04/05/2022	7:59
	STD50 460-837357/7	B85238.D	04/05/2022	8:43
	STD200 460-837357/8	B85239.D	04/05/2022	9:05
	STD500 460-837357/9	B85240.D	04/05/2022	9:28
	STD20 460-837357/17	B85248.D	04/05/2022	12:25
	ICV 460-837357/18	B85249.D	04/05/2022	12:47

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Sample No.: STD20 460-836508/6 Date Analyzed: 03/31/2022 01:35

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): N47430.D Heated Purge: (Y/N) N

Calibration ID: 90160

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		43184	2.90	259665	3.91	580888	4.98
UPPER LIMIT		86368	3.40	519330	4.41	1161776	5.48
LOWER LIMIT		21592	2.40	129833	3.41	290444	4.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-836508/17		42494	2.89	226305	3.92	589827	4.98

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Sample No.: STD20 460-836508/6 Date Analyzed: 03/31/2022 01:35

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): N47430.D Heated Purge: (Y/N) N

Calibration ID: 90160

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		33678	5.65	473560	8.37	263118	11.00
UPPER LIMIT		67356	6.15	947120	8.87	526236	11.50
LOWER LIMIT		16839	5.15	236780	7.87	131559	10.50
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-836508/17		34823	5.65	488032	8.36	274435	11.00

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Sample No.: CCVIS 460-839065/3 Date Analyzed: 04/14/2022 07:22

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): N48061.D Heated Purge: (Y/N) N

Calibration ID: 90160

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		42288	2.90	210331	3.91	615639	4.97
UPPER LIMIT		84576	3.40	420662	4.41	1231278	5.47
LOWER LIMIT		21144	2.40	105166	3.41	307820	4.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-839065/4		43823	2.89	208012	3.91	573725	4.98
LCSD 460-839065/5		49944	2.89	228235	3.91	635356	4.97
MB 460-839065/9		44145	2.89	203258	3.91	547683	4.97
460-256171-11	Trip Blank	44237	2.90	208879	3.91	583490	4.98

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Sample No.: CCVIS 460-839065/3 Date Analyzed: 04/14/2022 07:22

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): N48061.D Heated Purge: (Y/N) N

Calibration ID: 90160

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		38091	5.65	536476	8.36	296353	11.00
UPPER LIMIT		76182	6.15	1072952	8.86	592706	11.50
LOWER LIMIT		19046	5.15	268238	7.86	148177	10.50
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-839065/4		38057	5.66	508928	8.36	279887	11.00
LCSD 460-839065/5		36534	5.65	553441	8.36	311673	11.00
MB 460-839065/9		33405	5.65	470589	8.36	255352	11.00
460-256171-11	Trip Blank	33144	5.65	499971	8.36	266634	11.00

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Sample No.: STD20 460-837357/17 Date Analyzed: 04/05/2022 12:25

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B85248.D Heated Purge: (Y/N) Y

Calibration ID: 90179

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		363105	1.55	333904	2.29	516615	3.32
UPPER LIMIT		726210	2.05	667808	2.79	1033230	3.82
LOWER LIMIT		181553	1.05	166952	1.79	258308	2.82
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-837357/18		396482	1.55	354911	2.29	516740	3.32

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Sample No.: STD20 460-837357/17 Date Analyzed: 04/05/2022 12:25

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B85248.D Heated Purge: (Y/N) Y

Calibration ID: 90179

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		19939	4.11	326260	7.65	167062	11.96
UPPER LIMIT		39878	4.61	652520	8.15	334124	12.46
LOWER LIMIT		9970	3.61	163130	7.15	83531	11.46
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-837357/18		22544	4.13	333107	7.65	171328	11.96

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Sample No.: CCVIS 460-839189/3 Date Analyzed: 04/14/2022 16:49

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B85733.D Heated Purge: (Y/N) Y

Calibration ID: 90179

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		337795	1.54	359337	2.28	529526	3.31
UPPER LIMIT		675590	2.04	718674	2.78	1059052	3.81
LOWER LIMIT		168898	1.04	179669	1.78	264763	2.81
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-839189/4		376547	1.56	393565	2.29	556168	3.32
LCSD 460-839189/5		405754	1.54	413196	2.29	569870	3.32
MB 460-839189/9		366457	1.53	299029	2.27	429093	3.31
LB3 460-839151/1-A		279623	1.55	250599	2.29	409695	3.32
460-256171-1	CC-08	313256	1.54	257131	2.28	451649	3.32
460-256171-2	CC-09	338391	1.56	292104	2.29	481304	3.32
460-256171-3	CC-10	344884	1.53	275328	2.28	445852	3.32
460-256171-4	CC-11	316899	1.54	256475	2.28	437954	3.32
460-256171-5	CC-12	406896	1.55	287876	2.28	459169	3.32
460-256171-6	CC-13	383361	1.54	281067	2.29	451014	3.32
460-256171-7	CC-14	362233	1.54	289479	2.28	459470	3.32
460-256171-8	CC-15	314235	1.54	254623	2.28	421853	3.32
460-256171-9	CC-16	324374	1.53	270403	2.28	430309	3.31
460-256171-10	CC-DUP-01	351773	1.55	286260	2.28	444308	3.32

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Sample No.: CCVIS 460-839189/3 Date Analyzed: 04/14/2022 16:49

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B85733.D Heated Purge: (Y/N) Y

Calibration ID: 90179

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		16881	4.13	312397	7.64	161644	11.96
UPPER LIMIT		33762	4.63	624794	8.14	323288	12.46
LOWER LIMIT		8441	3.63	156199	7.14	80822	11.46
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-839189/4		19369	4.13	339708	7.65	170120	11.96
LCSD 460-839189/5		20346	4.12	341532	7.64	171200	11.96
MB 460-839189/9		13036	4.14	246006	7.64	115611	11.96
LB3 460-839151/1-A		9119	4.11	225669	7.64	111619	11.96
460-256171-1	CC-08	9909	4.11	279336	7.65	124364	11.96
460-256171-2	CC-09	11494	4.12	269624	7.64	124876	11.96
460-256171-3	CC-10	9668	4.13	250322	7.64	122223	11.96
460-256171-4	CC-11	10841	4.14	247367	7.64	117287	11.96
460-256171-5	CC-12	13088	4.11	281662	7.65	130260	11.96
460-256171-6	CC-13	11930	4.12	256484	7.64	126676	11.96
460-256171-7	CC-14	11048	4.12	281079	7.65	130216	11.96
460-256171-8	CC-15	10726	4.13	235426	7.64	113758	11.96
460-256171-9	CC-16	10172	4.12	245141	7.64	117332	11.96
460-256171-10	CC-DUP-01	10545	4.12	276003	7.65	124883	11.96

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: CC-08 | Lab Sample ID: 460-256171-1

Matrix: Solid | Lab File ID: B85741.D

Analysis Method: 8260D | Date Collected: 04/11/2022 00:00

Sample wt/vol: 4.71(g) | Date Analyzed: 04/14/2022 19:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.9 | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.26	U	1.1	0.26
79-34-5	1,1,2,2-Tetrachloroethane	0.24	U	1.1	0.24
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.33	U	1.1	0.33
79-00-5	1,1,2-Trichloroethane	0.20	U	1.1	0.20
75-34-3	1,1-Dichloroethane	0.23	U	1.1	0.23
75-35-4	1,1-Dichloroethene	0.25	U	1.1	0.25
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1.1	0.20
120-82-1	1,2,4-Trichlorobenzene	0.40	U	1.1	0.40
78-87-5	1,2-Dichloropropane	0.47	U	1.1	0.47
541-73-1	1,3-Dichlorobenzene	0.40	U	1.1	0.40
106-46-7	1,4-Dichlorobenzene	0.25	U	1.1	0.25
123-91-1	1,4-Dioxane	10	U	110	10
78-93-3	2-Butanone (MEK)	0.41	U	5.5	0.41
591-78-6	2-Hexanone	1.9	U	5.5	1.9
108-10-1	4-Methyl-2-pentanone (MIBK)	1.7	U	5.5	1.7
67-64-1	Acetone	13	B	6.6	6.3
71-43-2	Benzene	0.28	U	1.1	0.28
75-25-2	Bromoform	0.47	U	1.1	0.47
74-83-9	Bromomethane	1.1	U	2.2	1.1
75-15-0	Carbon disulfide	0.29	U	1.1	0.29
56-23-5	Carbon tetrachloride	0.43	U	1.1	0.43
108-90-7	Chlorobenzene	0.20	U	1.1	0.20
74-97-5	Chlorobromomethane	0.31	U	1.1	0.31
124-48-1	Chlorodibromomethane	0.21	U	1.1	0.21
75-00-3	Chloroethane	0.58	U	1.1	0.58
67-66-3	Chloroform	1.1	U	1.1	1.1
74-87-3	Chloromethane	0.48	U	1.1	0.48
156-59-2	cis-1,2-Dichloroethene	0.40	U	1.1	0.40
10061-01-5	cis-1,3-Dichloropropene	0.30	U	1.1	0.30
110-82-7	Cyclohexane	0.24	U	1.1	0.24
75-27-4	Dichlorobromomethane	0.28	U	1.1	0.28
75-71-8	Dichlorodifluoromethane	0.37	U	1.1	0.37
100-41-4	Ethylbenzene	0.22	U	1.1	0.22
106-93-4	Ethylene Dibromide	0.20	U	1.1	0.20
98-82-8	Isopropylbenzene	0.31	U	1.1	0.31
79-20-9	Methyl acetate	4.7	U	5.5	4.7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: CC-08 | Lab Sample ID: 460-256171-1

Matrix: Solid | Lab File ID: B85741.D

Analysis Method: 8260D | Date Collected: 04/11/2022 00:00

Sample wt/vol: 4.71(g) | Date Analyzed: 04/14/2022 19:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.9 | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	0.57	U	1.1	0.57
108-87-2	Methylcyclohexane	0.55	U	1.1	0.55
75-09-2	Methylene Chloride	1.3	U	2.2	1.3
179601-23-1	m-Xylene & p-Xylene	0.19	U	1.1	0.19
95-47-6	o-Xylene	0.21	U	1.1	0.21
100-42-5	Styrene	0.31	U	1.1	0.31
127-18-4	Tetrachloroethene	0.34	U	1.1	0.34
108-88-3	Toluene	0.26	U	1.1	0.26
156-60-5	trans-1,2-Dichloroethene	0.27	U	1.1	0.27
10061-02-6	trans-1,3-Dichloropropene	0.29	U	1.1	0.29
79-01-6	Trichloroethene	0.35	U	1.1	0.35
75-69-4	Trichlorofluoromethane	0.45	U	1.1	0.45
75-01-4	Vinyl chloride	0.60	U	1.1	0.60
107-06-2	1,2-Dichloroethane	0.33	U	1.1	0.33
95-50-1	1,2-Dichlorobenzene	0.40	U	1.1	0.40
96-12-8	1,2-Dibromo-3-Chloropropane	0.51	U	1.1	0.51

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		72-145
460-00-4	4-Bromofluorobenzene	98		75-139
1868-53-7	Dibromofluoromethane (Surr)	25	S1-	73-139
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85741.D
Lims ID: 460-256171-A-1-B
Client ID: CC-08
Sample Type: Client
Inject. Date: 14-Apr-2022 19:49:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-256171-A-1-B
Misc. Info.: 460-0144034-011
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2022 18:07:27 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: parekhv Date: 14-Apr-2022 20:19:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.258	1.258	0.000	0	7956	11.5	
* 29 TBA-d9 (IS)	65	1.544	1.544	0.000	0	313256	1000.0	
* 40 2-Butanone-d5	46	2.282	2.282	0.000	0	257131	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.690	2.691	-0.001	0	27343	12.3	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	144948	55.0	
* 60 Fluorobenzene	96	3.318	3.312	0.006	0	451649	50.0	
* 69 1,4-Dioxane-d8	96	4.111	4.129	-0.018	0	9909	1000.0	
$ 79 Toluene-d8 (Surr)	98	5.281	5.282	-0.001	0	381845	47.2	
* 91 Chlorobenzene-d5	117	7.647	7.641	0.006	0	279336	50.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	0	85874	49.1	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	0	124364	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00227 Amount Added: 1.00 Units: uL Run Reagent

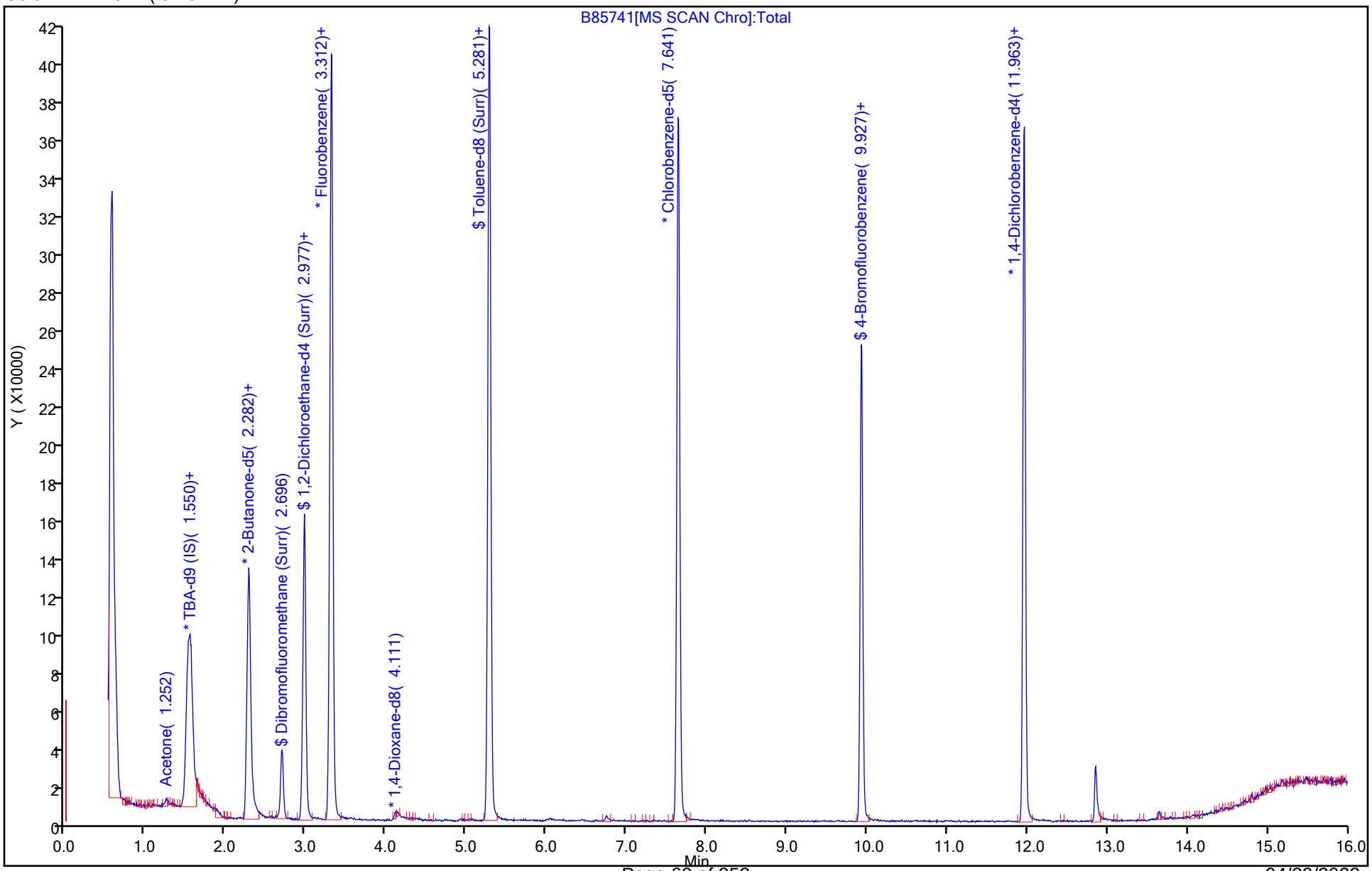
Report Date: 14-Apr-2022 20:19:32 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85741.D

Injection Date:	14-Apr-2022 19:49:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-256171-A-1-B	Lab Sample ID:	460-256171-1	Worklist Smp#:	11
Client ID:	CC-08				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

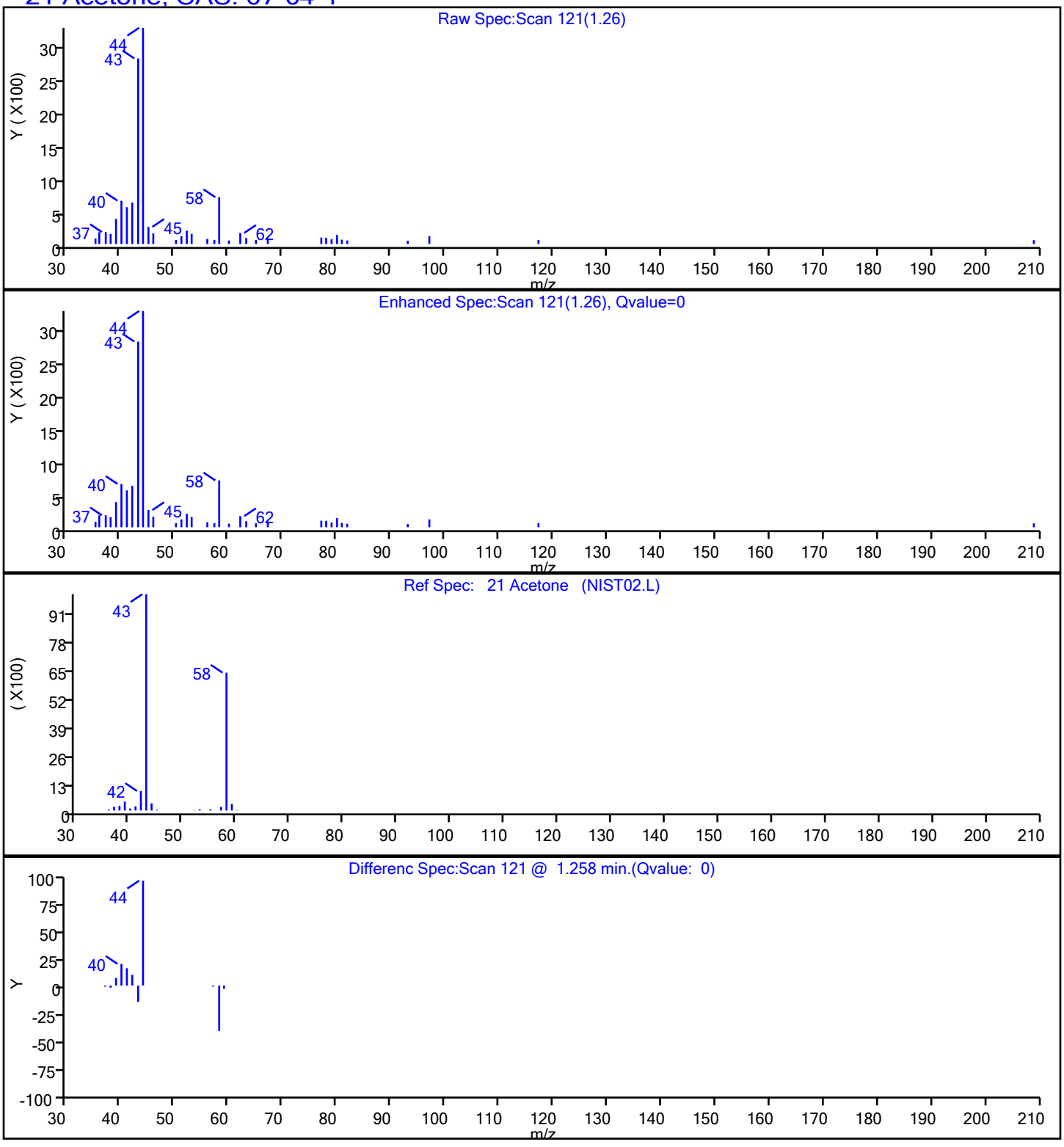
Column: DB-624 (0.18 mm)



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85741.D		
Injection Date:	14-Apr-2022 19:49:30	Instrument ID:	CVOAMS2
Lims ID:	460-256171-A-1-B	Lab Sample ID:	460-256171-1
Client ID:	CC-08		
Operator ID:		ALS Bottle#:	10 Worklist Smp#: 11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

21 Acetone, CAS: 67-64-1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: CC-09 | Lab Sample ID: 460-256171-2

Matrix: Solid | Lab File ID: B85742.D

Analysis Method: 8260D | Date Collected: 04/11/2022 00:00

Sample wt/vol: 5.20(g) | Date Analyzed: 04/14/2022 20:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.6 | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.23	U	1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	0.22	U	1.0	0.22
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.30	U	1.0	0.30
79-00-5	1,1,2-Trichloroethane	0.18	U	1.0	0.18
75-34-3	1,1-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.23	U	1.0	0.23
87-61-6	1,2,3-Trichlorobenzene	0.18	U	1.0	0.18
120-82-1	1,2,4-Trichlorobenzene	0.36	U	1.0	0.36
78-87-5	1,2-Dichloropropane	0.43	U	1.0	0.43
541-73-1	1,3-Dichlorobenzene	0.37	U	1.0	0.37
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
123-91-1	1,4-Dioxane	9.3	U	100	9.3
78-93-3	2-Butanone (MEK)	0.37	U	5.0	0.37
591-78-6	2-Hexanone	1.7	U	5.0	1.7
108-10-1	4-Methyl-2-pentanone (MIBK)	1.6	U	5.0	1.6
67-64-1	Acetone	12	B	6.1	5.8
71-43-2	Benzene	0.26	U	1.0	0.26
75-25-2	Bromoform	0.43	U	1.0	0.43
74-83-9	Bromomethane	1.0	U	2.0	1.0
75-15-0	Carbon disulfide	0.27	U	1.0	0.27
56-23-5	Carbon tetrachloride	0.39	U	1.0	0.39
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
74-97-5	Chlorobromomethane	0.28	U	1.0	0.28
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
75-00-3	Chloroethane	0.53	U	1.0	0.53
67-66-3	Chloroform	0.98	U	1.0	0.98
74-87-3	Chloromethane	0.44	U	1.0	0.44
156-59-2	cis-1,2-Dichloroethene	0.36	U	1.0	0.36
10061-01-5	cis-1,3-Dichloropropene	0.28	U	1.0	0.28
110-82-7	Cyclohexane	0.22	U	1.0	0.22
75-27-4	Dichlorobromomethane	0.26	U	1.0	0.26
75-71-8	Dichlorodifluoromethane	0.34	U	1.0	0.34
100-41-4	Ethylbenzene	0.20	U	1.0	0.20
106-93-4	Ethylene Dibromide	0.18	U	1.0	0.18
98-82-8	Isopropylbenzene	0.29	U	1.0	0.29
79-20-9	Methyl acetate	4.3	U	5.0	4.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: CC-09 | Lab Sample ID: 460-256171-2

Matrix: Solid | Lab File ID: B85742.D

Analysis Method: 8260D | Date Collected: 04/11/2022 00:00

Sample wt/vol: 5.20(g) | Date Analyzed: 04/14/2022 20:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.6 | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	0.52	U	1.0	0.52
108-87-2	Methylcyclohexane	0.50	U	1.0	0.50
75-09-2	Methylene Chloride	1.2	U	2.0	1.2
179601-23-1	m-Xylene & p-Xylene	0.18	U	1.0	0.18
95-47-6	o-Xylene	0.20	U	1.0	0.20
100-42-5	Styrene	0.28	U	1.0	0.28
127-18-4	Tetrachloroethene	15		1.0	0.31
108-88-3	Toluene	0.24	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	0.25	U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	0.27	U	1.0	0.27
79-01-6	Trichloroethene	0.32	U	1.0	0.32
75-69-4	Trichlorofluoromethane	0.41	U	1.0	0.41
75-01-4	Vinyl chloride	0.55	U	1.0	0.55
107-06-2	1,2-Dichloroethane	0.30	U	1.0	0.30
95-50-1	1,2-Dichlorobenzene	0.36	U	1.0	0.36
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1.0	0.46

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		72-145
460-00-4	4-Bromofluorobenzene	96		75-139
1868-53-7	Dibromofluoromethane (Surr)	56	S1-	73-139
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85742.D
Lims ID: 460-256171-A-2-B
Client ID: CC-09
Sample Type: Client
Inject. Date: 14-Apr-2022 20:11:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-256171-A-2-B
Misc. Info.: 460-0144034-012
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Apr-2022 08:51:23 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1617

First Level Reviewer: parekhv Date: 14-Apr-2022 20:33:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.264	1.258	0.006	0	9173	11.7	
* 29 TBA-d9 (IS)	65	1.557	1.544	0.013	0	338391	1000.0	
* 40 2-Butanone-d5	46	2.288	2.282	0.006	0	292104	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.691	0.006	0	66455	28.0	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	152798	54.4	
* 60 Fluorobenzene	96	3.318	3.312	0.006	0	481304	50.0	
63 Trichloroethene	95	3.709	3.709	0.000	15	527	0.2368	a
* 69 1,4-Dioxane-d8	96	4.123	4.129	-0.006	0	11494	1000.0	
$ 79 Toluene-d8 (Surr)	98	5.288	5.282	0.006	0	380953	48.7	
85 Tetrachloroethene	166	6.208	6.202	0.006	0	26364	15.2	
* 91 Chlorobenzene-d5	117	7.641	7.641	0.000	0	269624	50.0	
$ 103 4-Bromofluorobenzene	174	9.927	9.927	0.000	0	84251	47.9	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	0	124876	50.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

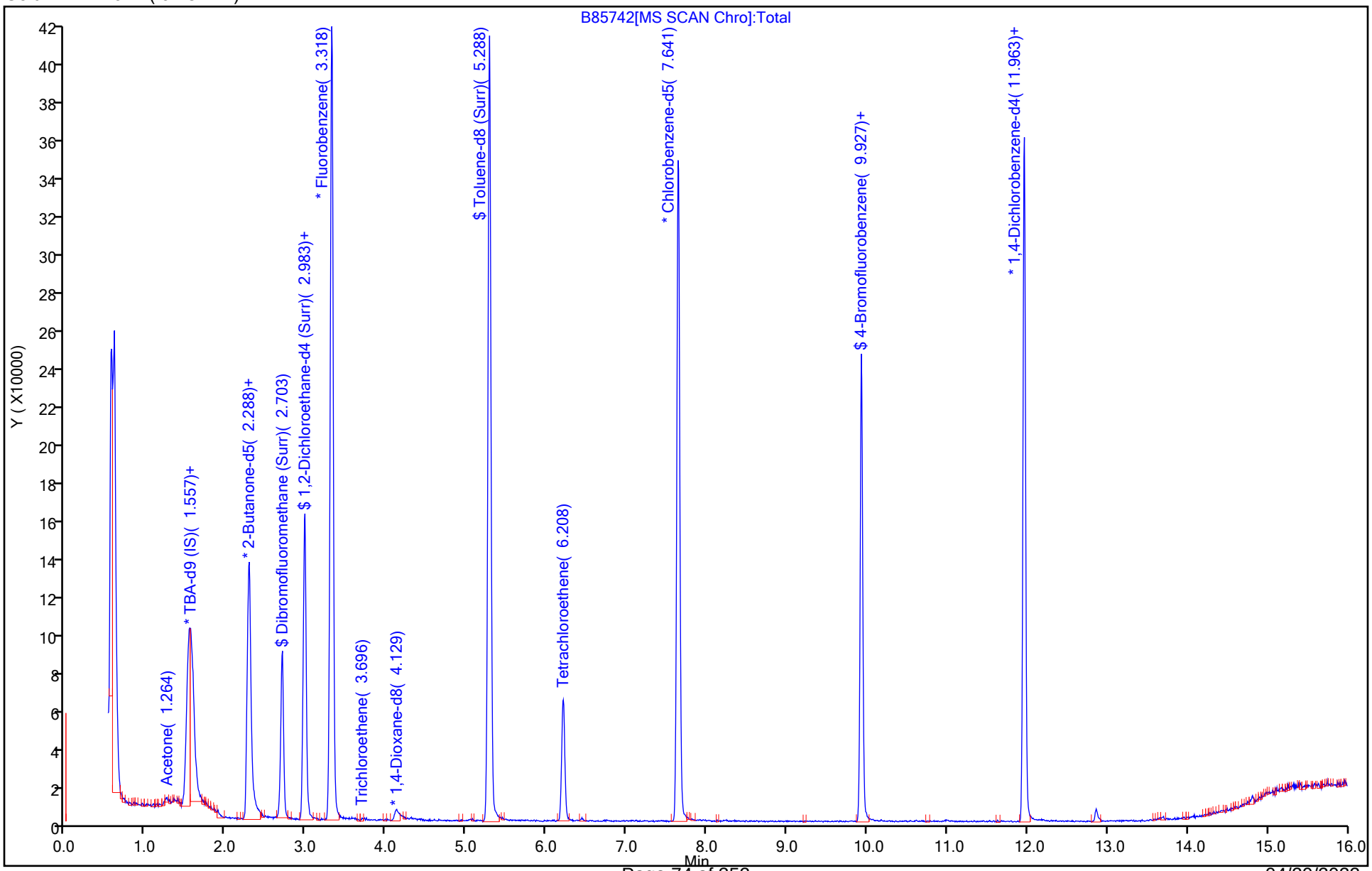
Report Date: 15-Apr-2022 08:51:23 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85742.D

Injection Date:	14-Apr-2022 20:11:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-256171-A-2-B	Lab Sample ID:	460-256171-2	Worklist Smp#:	12
Client ID:	CC-09				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

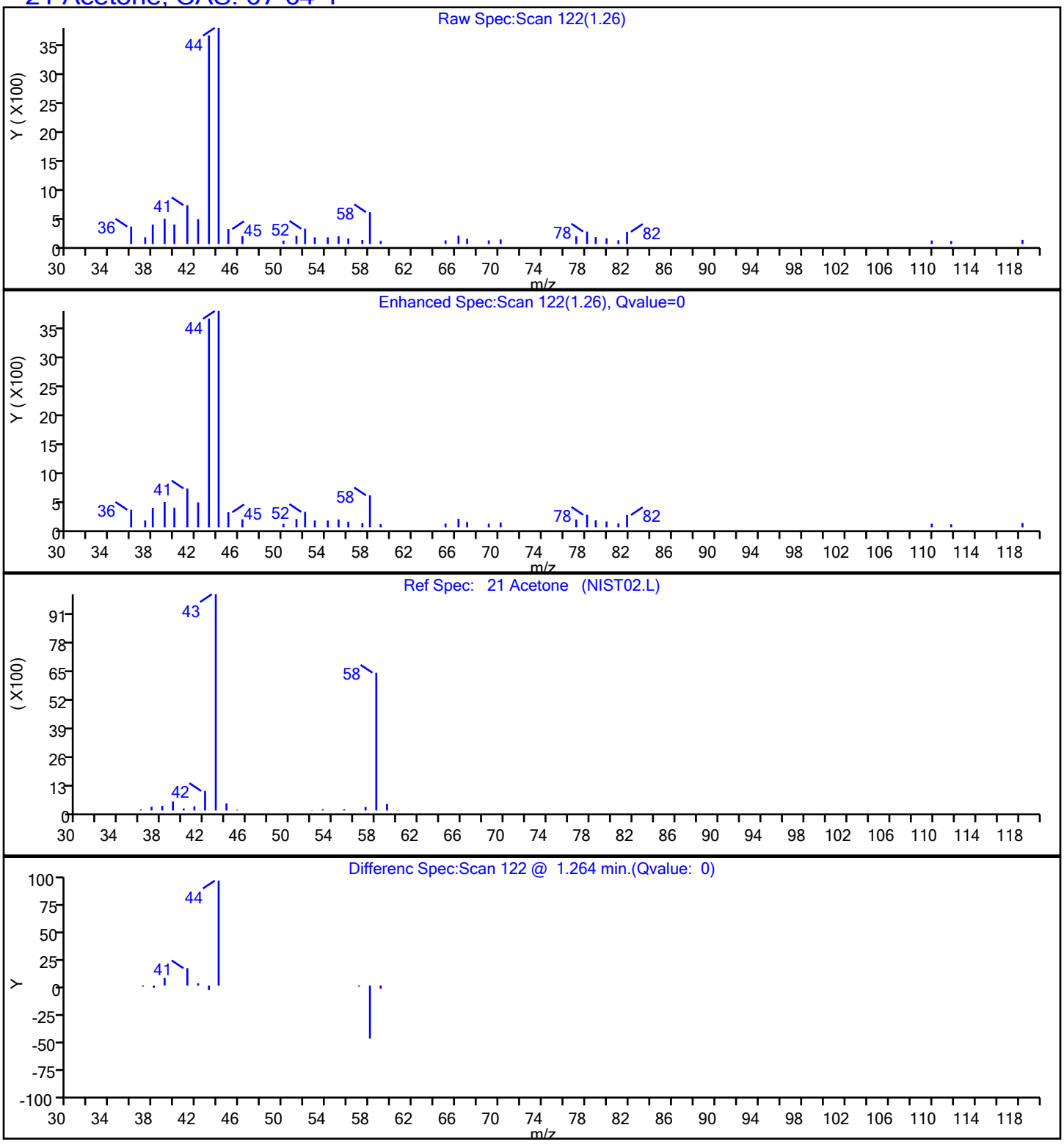
Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85742.D
Injection Date: 14-Apr-2022 20:11:30 Instrument ID: CVOAMS2
Lims ID: 460-256171-A-2-B Lab Sample ID: 460-256171-2
Client ID: CC-09
Operator ID: ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

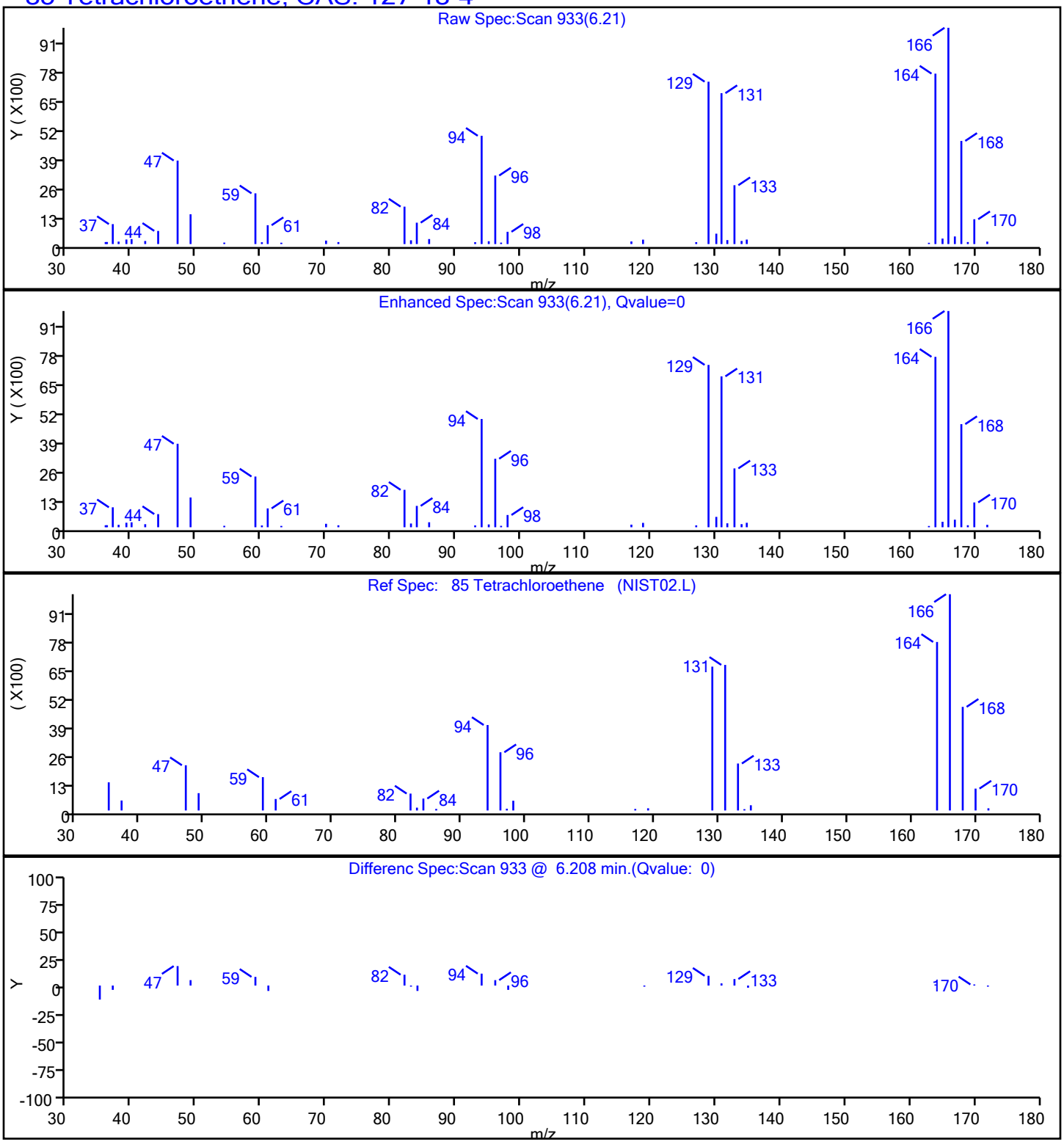
21 Acetone, CAS: 67-64-1



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85742.D		
Injection Date:	14-Apr-2022 20:11:30	Instrument ID:	CVOAMS2
Lims ID:	460-256171-A-2-B	Lab Sample ID:	460-256171-2
Client ID:	CC-09		
Operator ID:		ALS Bottle#:	11 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

85 Tetrachloroethene, CAS: 127-18-4



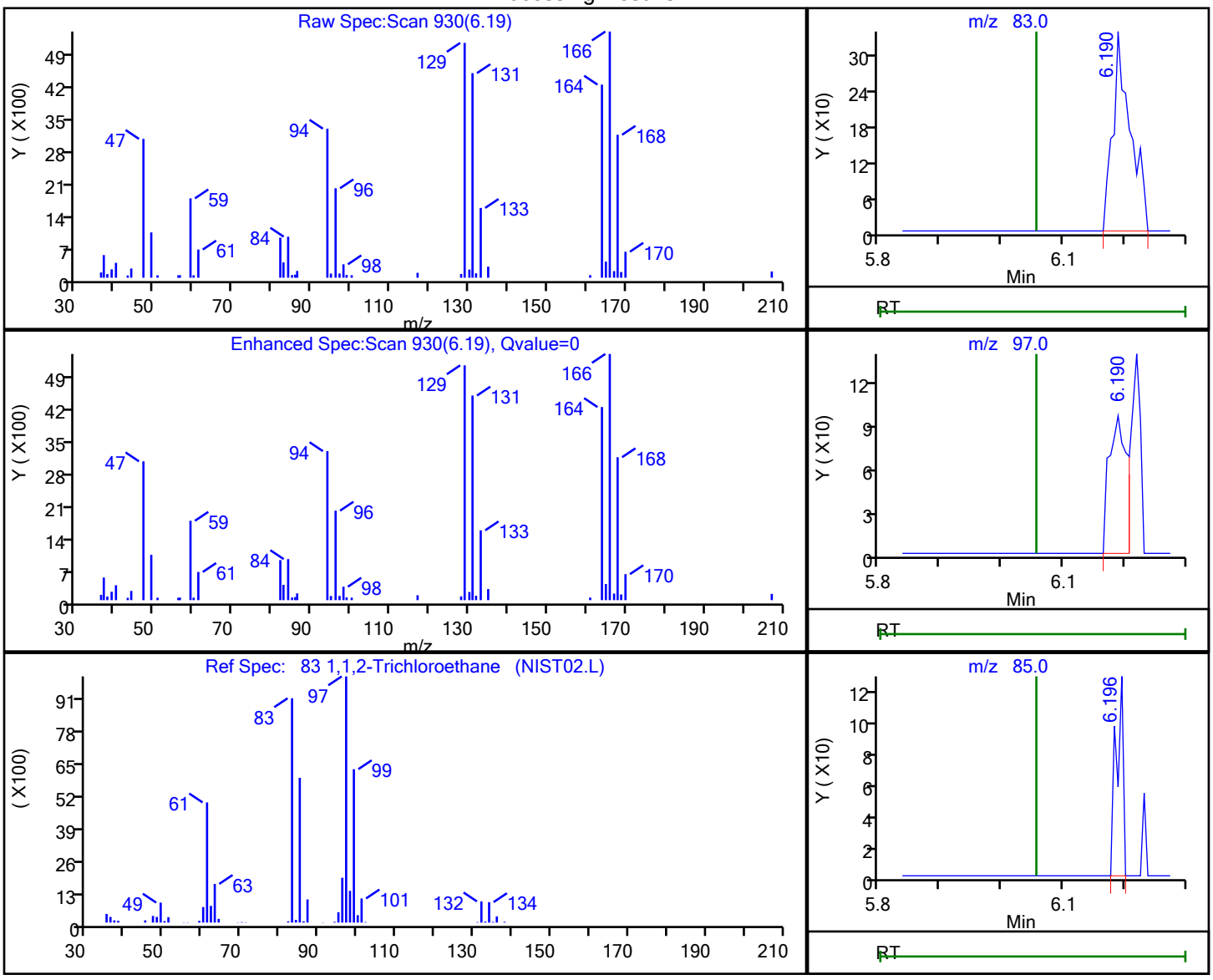
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85742.D				
Injection Date:	14-Apr-2022 20:11:30	Instrument ID:	CVOAMS2		
Lims ID:	460-256171-A-2-B	Lab Sample ID:	460-256171-2		
Client ID:	CC-09				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

83 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.19	83.00	664	0.533586
6.19	97.00	183	
6.20	85.00	103	

Reviewer: parekhv, 14-Apr-2022 20:33:07

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

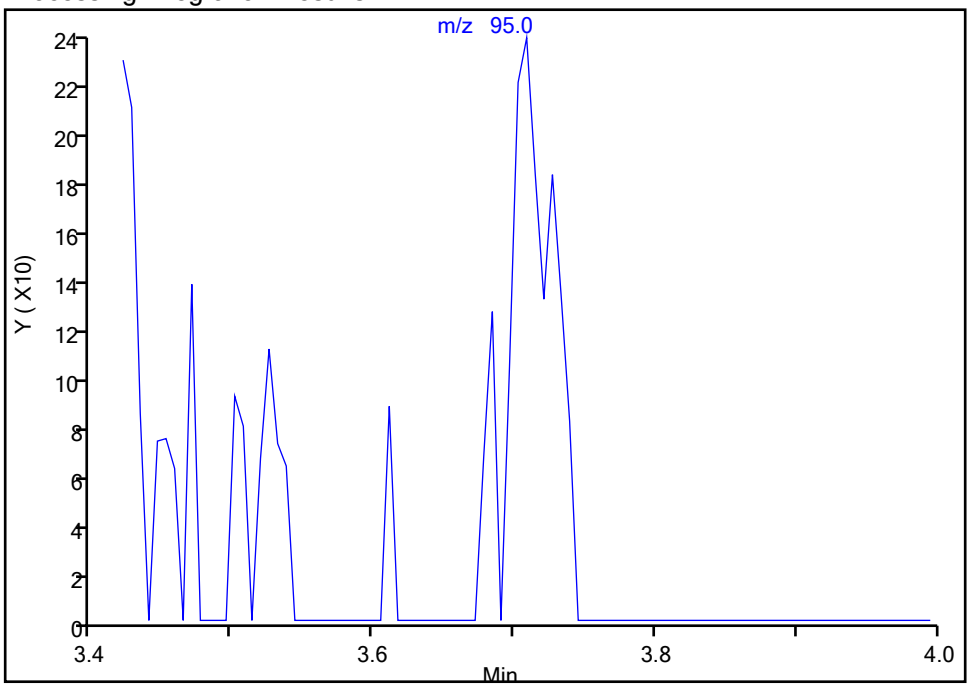
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85742.D				
Injection Date:	14-Apr-2022 20:11:30	Instrument ID:	CVOAMS2		
Lims ID:	460-256171-A-2-B	Lab Sample ID:	460-256171-2		
Client ID:	CC-09				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

63 Trichloroethene, CAS: 79-01-6

Signal: 1

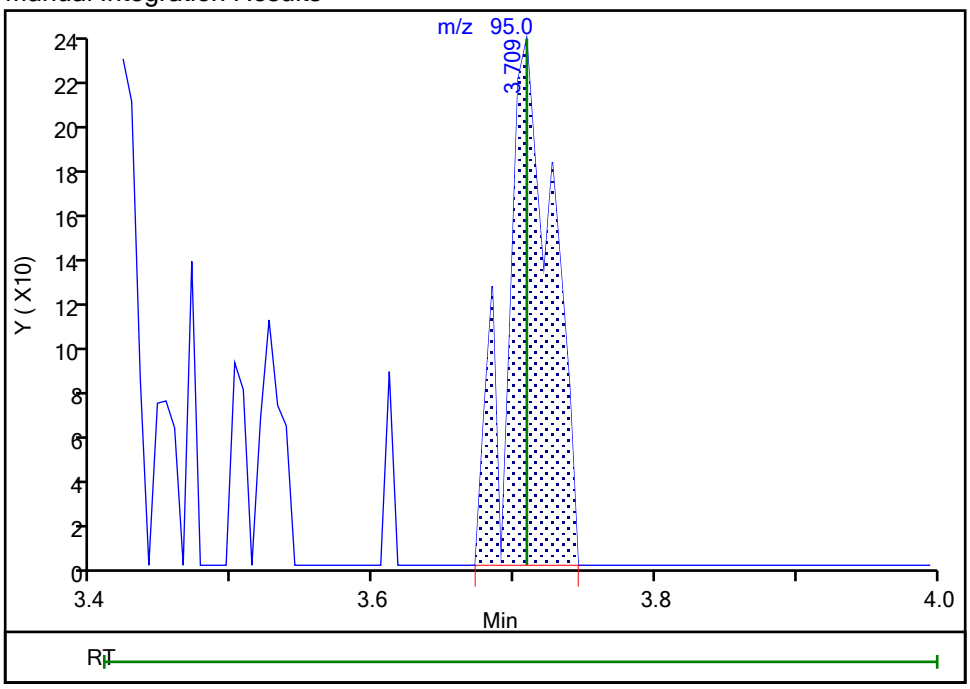
Not Detected
Expected RT: 3.71

Processing Integration Results



Manual Integration Results

RT: 3.71
Area: 527
Amount: 0.236787
Amount Units: ug/l



Reviewer: delpolitov, 15-Apr-2022 08:51:12
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: CC-10 | Lab Sample ID: 460-256171-3

Matrix: Solid | Lab File ID: B85743.D

Analysis Method: 8260D | Date Collected: 04/11/2022 00:00

Sample wt/vol: 6.07(g) | Date Analyzed: 04/14/2022 20:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.0 | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.20	U	0.86	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.18	U	0.86	0.18
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.26	U	0.86	0.26
79-00-5	1,1,2-Trichloroethane	0.15	U	0.86	0.15
75-34-3	1,1-Dichloroethane	0.18	U	0.86	0.18
75-35-4	1,1-Dichloroethene	0.19	U	0.86	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	0.86	0.16
120-82-1	1,2,4-Trichlorobenzene	0.31	U	0.86	0.31
78-87-5	1,2-Dichloropropane	0.36	U	0.86	0.36
541-73-1	1,3-Dichlorobenzene	0.31	U	0.86	0.31
106-46-7	1,4-Dichlorobenzene	0.19	U	0.86	0.19
123-91-1	1,4-Dioxane	7.9	U	86	7.9
78-93-3	2-Butanone (MEK)	0.32	U	4.3	0.32
591-78-6	2-Hexanone	1.5	U	4.3	1.5
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	4.3	1.3
67-64-1	Acetone	17	B	5.1	4.9
71-43-2	Benzene	0.22	U	0.86	0.22
75-25-2	Bromoform	0.36	U	0.86	0.36
74-83-9	Bromomethane	0.86	U	1.7	0.86
75-15-0	Carbon disulfide	1.4		0.86	0.23
56-23-5	Carbon tetrachloride	0.33	U	0.86	0.33
108-90-7	Chlorobenzene	0.15	U	0.86	0.15
74-97-5	Chlorobromomethane	0.24	U	0.86	0.24
124-48-1	Chlorodibromomethane	0.17	U	0.86	0.17
75-00-3	Chloroethane	0.45	U	0.86	0.45
67-66-3	Chloroform	0.83	U	0.86	0.83
74-87-3	Chloromethane	0.37	U	0.86	0.37
156-59-2	cis-1,2-Dichloroethene	0.31	U	0.86	0.31
10061-01-5	cis-1,3-Dichloropropene	0.23	U	0.86	0.23
110-82-7	Cyclohexane	0.19	U	0.86	0.19
75-27-4	Dichlorobromomethane	0.22	U	0.86	0.22
75-71-8	Dichlorodifluoromethane	0.29	U	0.86	0.29
100-41-4	Ethylbenzene	0.17	U	0.86	0.17
106-93-4	Ethylene Dibromide	0.15	U	0.86	0.15
98-82-8	Isopropylbenzene	0.24	U	0.86	0.24
79-20-9	Methyl acetate	3.7	U	4.3	3.7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: CC-10 | Lab Sample ID: 460-256171-3

Matrix: Solid | Lab File ID: B85743.D

Analysis Method: 8260D | Date Collected: 04/11/2022 00:00

Sample wt/vol: 6.07(g) | Date Analyzed: 04/14/2022 20:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.0 | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	0.44	U	0.86	0.44
108-87-2	Methylcyclohexane	0.43	U	0.86	0.43
75-09-2	Methylene Chloride	0.98	U	1.7	0.98
179601-23-1	m-Xylene & p-Xylene	0.15	U	0.86	0.15
95-47-6	o-Xylene	0.17	U	0.86	0.17
100-42-5	Styrene	0.24	U	0.86	0.24
127-18-4	Tetrachloroethene	0.26	U	0.86	0.26
108-88-3	Toluene	0.20	U	0.86	0.20
156-60-5	trans-1,2-Dichloroethene	0.21	U	0.86	0.21
10061-02-6	trans-1,3-Dichloropropene	0.23	U	0.86	0.23
79-01-6	Trichloroethene	0.28	U	0.86	0.28
75-69-4	Trichlorofluoromethane	0.35	U	0.86	0.35
75-01-4	Vinyl chloride	0.47	U	0.86	0.47
107-06-2	1,2-Dichloroethane	0.25	U	0.86	0.25
95-50-1	1,2-Dichlorobenzene	0.31	U	0.86	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	0.39	U	0.86	0.39

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		72-145
460-00-4	4-Bromofluorobenzene	94		75-139
1868-53-7	Dibromofluoromethane (Surr)	28	S1-	73-139
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85743.D
Lims ID: 460-256171-A-3-B
Client ID: CC-10
Sample Type: Client
Inject. Date: 14-Apr-2022 20:33:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-256171-A-3-B
Misc. Info.: 460-0144034-013
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Apr-2022 08:51:48 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1617

First Level Reviewer: parekhv Date: 14-Apr-2022 20:54:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.246	1.258	-0.012	0	14707	19.9	
23 Carbon disulfide	76	1.319	1.325	-0.006	0	14044	1.68	
* 29 TBA-d9 (IS)	65	1.532	1.544	-0.012	0	344884	1000.0	
* 40 2-Butanone-d5	46	2.282	2.282	0.000	0	275328	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.691	0.006	0	30715	14.0	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	145860	56.1	
* 60 Fluorobenzene	96	3.318	3.312	0.006	0	445852	50.0	
* 69 1,4-Dioxane-d8	96	4.129	4.129	0.000	0	9668	1000.0	M
$ 79 Toluene-d8 (Surr)	98	5.281	5.282	-0.001	0	367931	50.7	
* 91 Chlorobenzene-d5	117	7.641	7.641	0.000	0	250322	50.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	0	81148	47.2	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	0	122223	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

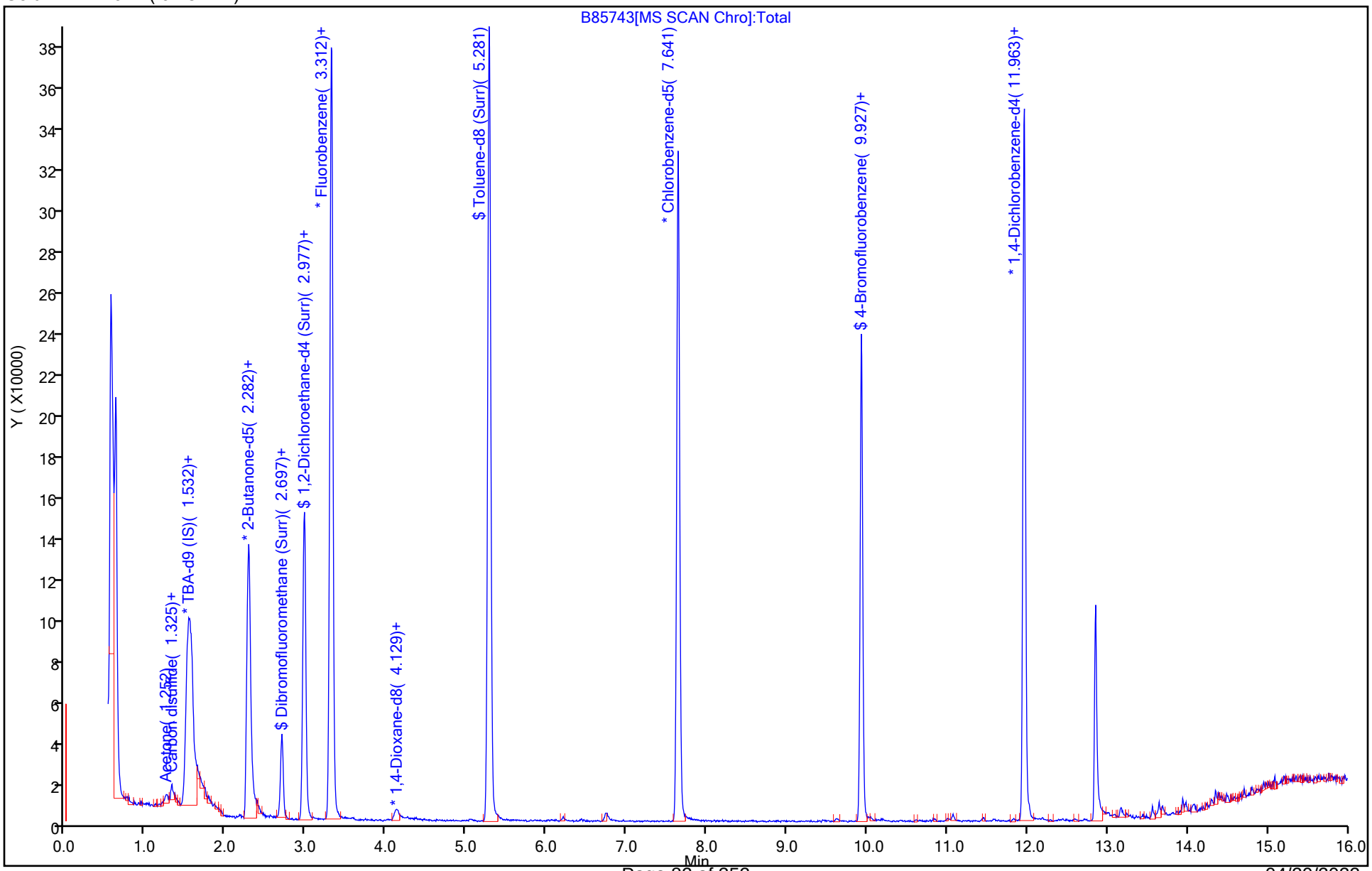
Report Date: 15-Apr-2022 08:51:49 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85743.D

Injection Date:	14-Apr-2022 20:33:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-256171-A-3-B	Lab Sample ID:	460-256171-3	Worklist Smp#:	13
Client ID:	CC-10				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

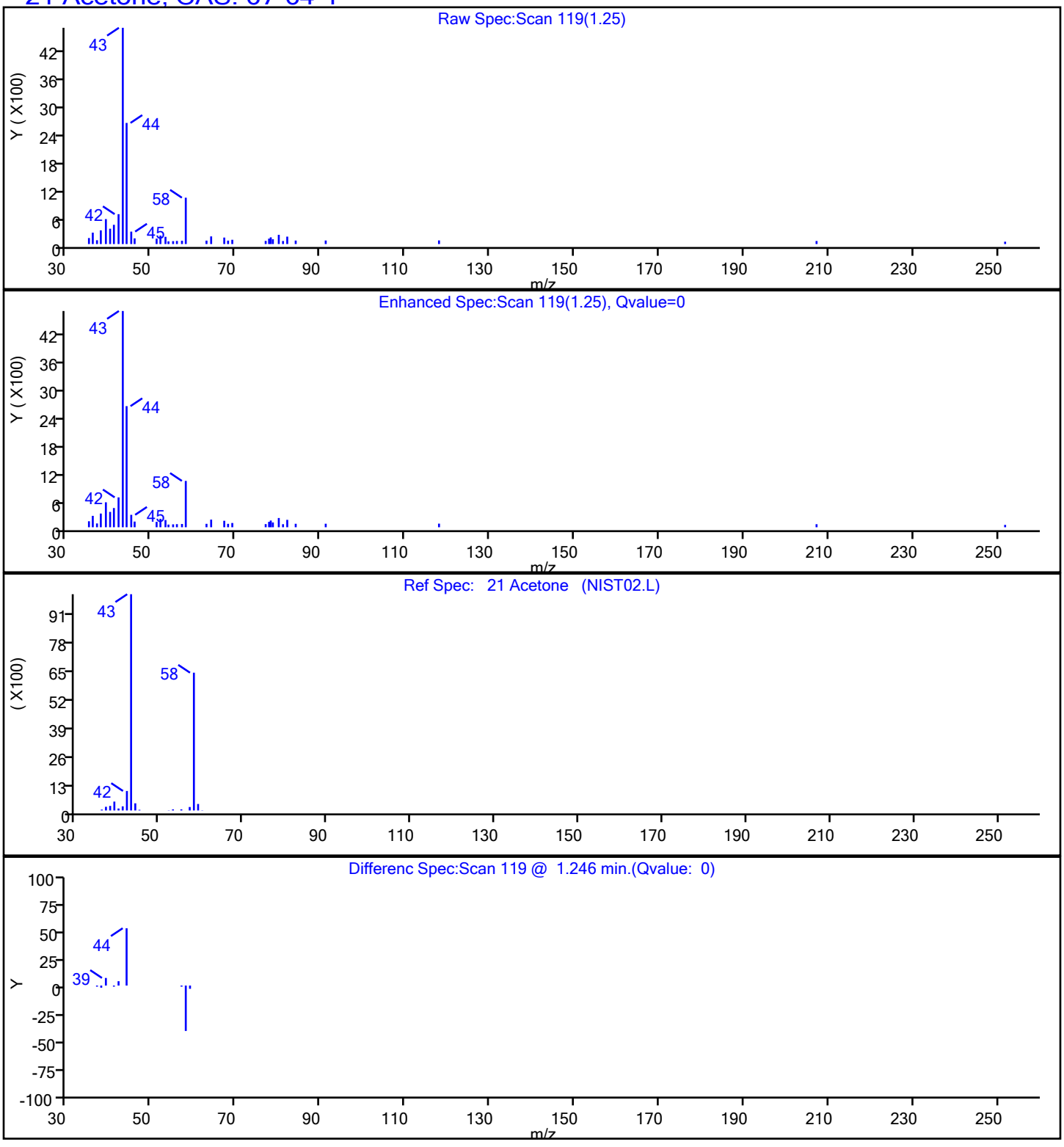
Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85743.D
Injection Date: 14-Apr-2022 20:33:30 Instrument ID: CVOAMS2
Lims ID: 460-256171-A-3-B Lab Sample ID: 460-256171-3
Client ID: CC-10
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

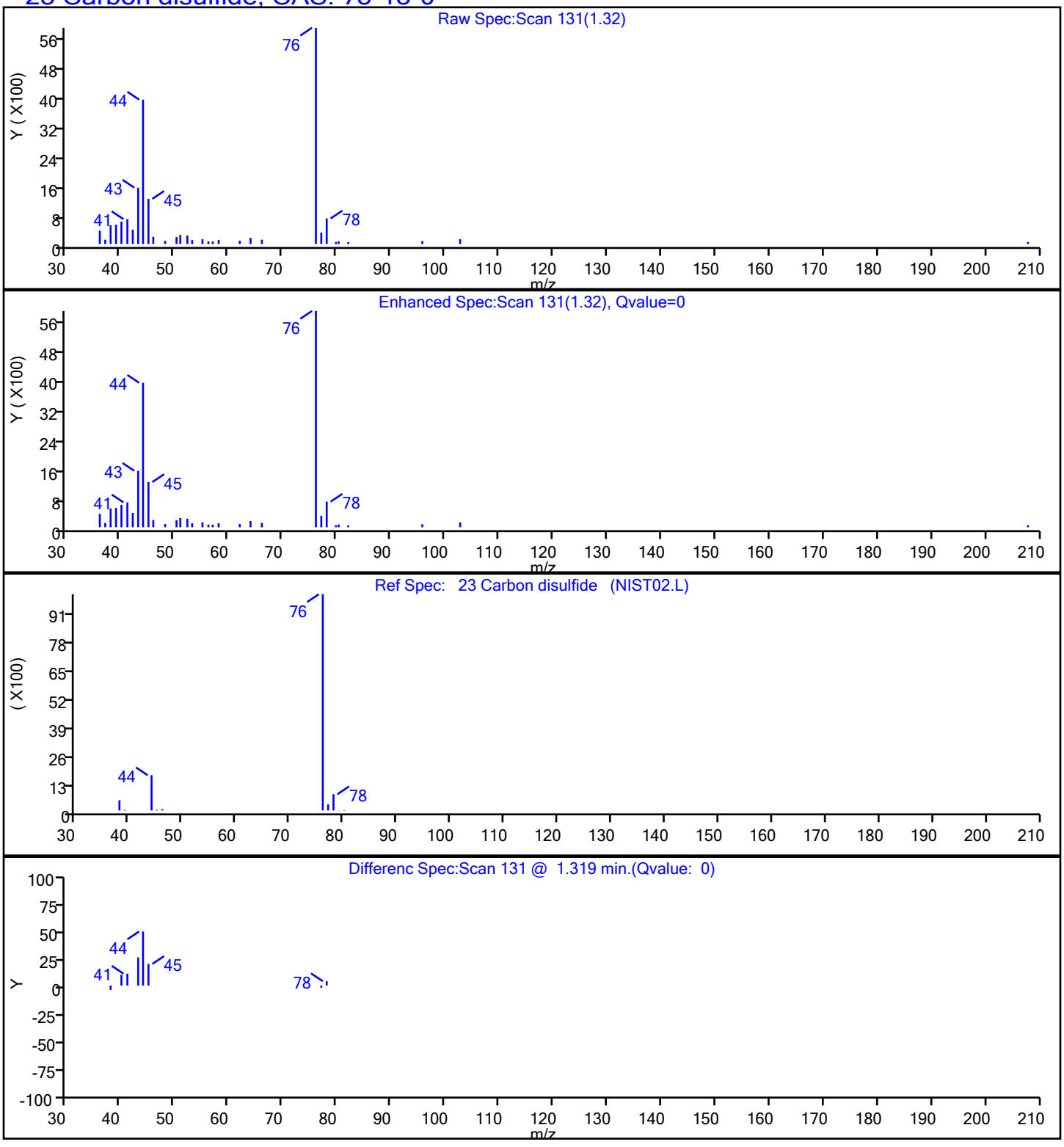
21 Acetone, CAS: 67-64-1



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85743.D
Injection Date: 14-Apr-2022 20:33:30 Instrument ID: CVOAMS2
Lims ID: 460-256171-A-3-B Lab Sample ID: 460-256171-3
Client ID: CC-10
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

23 Carbon disulfide, CAS: 75-15-0



Manual Integration/User Assign Peak Report

Eurofins Edison

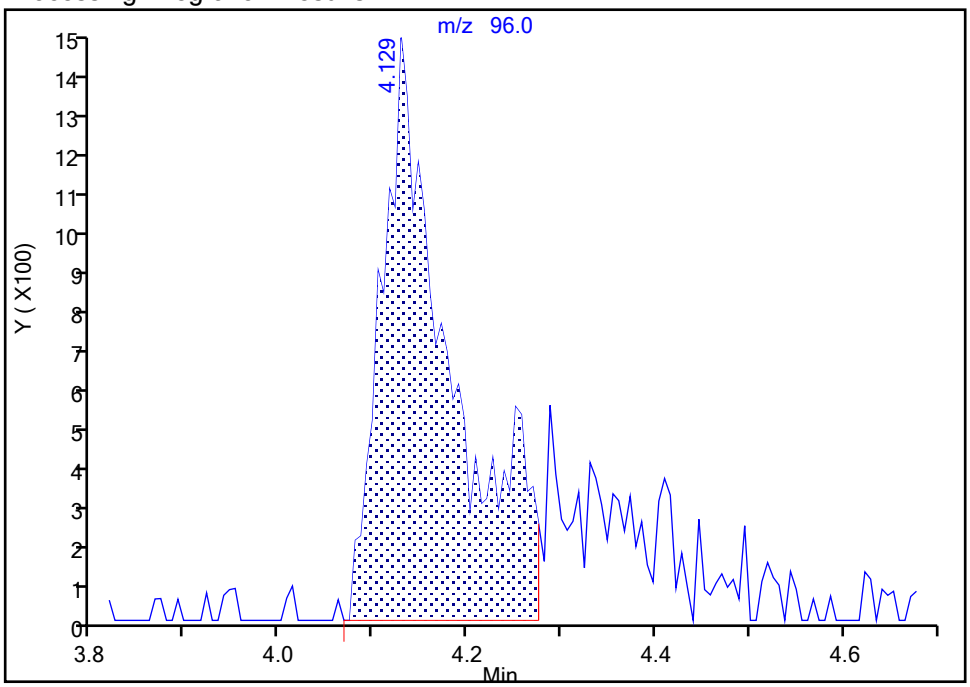
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85743.D
Injection Date: 14-Apr-2022 20:33:30 Instrument ID: CVOAMS2
Lims ID: 460-256171-A-3-B Lab Sample ID: 460-256171-3
Client ID: CC-10
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

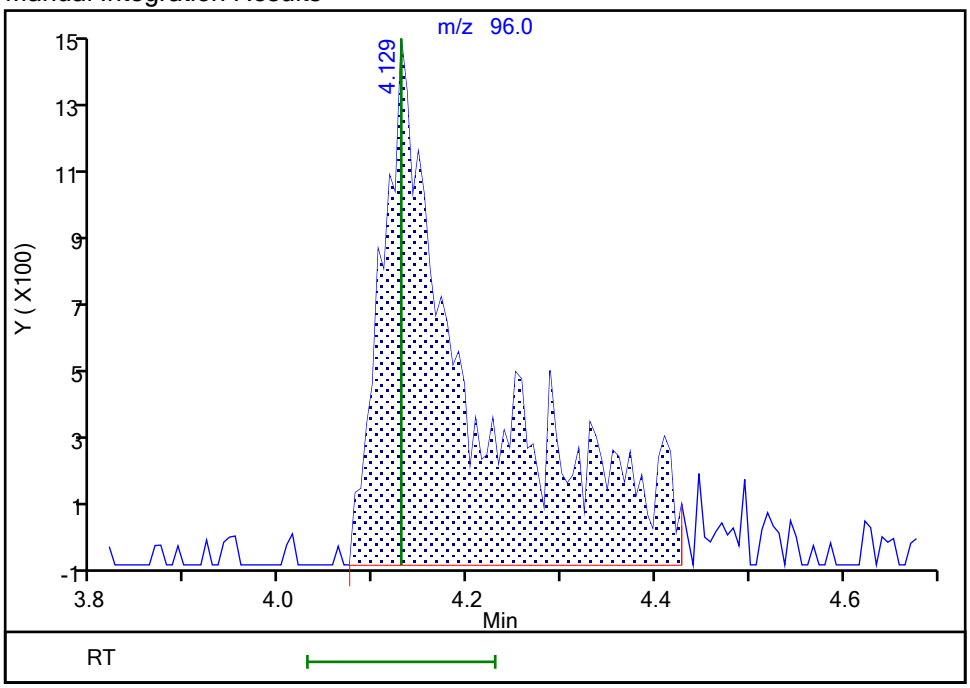
Processing Integration Results

RT: 4.13
Area: 7295
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.13
Area: 9668
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 15-Apr-2022 08:51:35
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: CC-11 | Lab Sample ID: 460-256171-4

Matrix: Solid | Lab File ID: B85744.D

Analysis Method: 8260D | Date Collected: 04/11/2022 00:00

Sample wt/vol: 5.40(g) | Date Analyzed: 04/14/2022 20:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 2.9 | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.22	U	0.95	0.22
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.95	0.20
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.29	U	0.95	0.29
79-00-5	1,1,2-Trichloroethane	0.17	U	0.95	0.17
75-34-3	1,1-Dichloroethane	0.20	U	0.95	0.20
75-35-4	1,1-Dichloroethene	0.21	U	0.95	0.21
87-61-6	1,2,3-Trichlorobenzene	0.17	U	0.95	0.17
120-82-1	1,2,4-Trichlorobenzene	0.34	U	0.95	0.34
78-87-5	1,2-Dichloropropane	0.40	U	0.95	0.40
541-73-1	1,3-Dichlorobenzene	0.35	U	0.95	0.35
106-46-7	1,4-Dichlorobenzene	0.21	U	0.95	0.21
123-91-1	1,4-Dioxane	8.8	U	95	8.8
78-93-3	2-Butanone (MEK)	0.35	U	4.8	0.35
591-78-6	2-Hexanone	1.6	U	4.8	1.6
108-10-1	4-Methyl-2-pentanone (MIBK)	1.5	U	4.8	1.5
67-64-1	Acetone	14	B	5.7	5.5
71-43-2	Benzene	0.25	U	0.95	0.25
75-25-2	Bromoform	0.41	U	0.95	0.41
74-83-9	Bromomethane	0.95	U	1.9	0.95
75-15-0	Carbon disulfide	0.25	U	0.95	0.25
56-23-5	Carbon tetrachloride	0.37	U	0.95	0.37
108-90-7	Chlorobenzene	0.17	U	0.95	0.17
74-97-5	Chlorobromomethane	0.27	U	0.95	0.27
124-48-1	Chlorodibromomethane	0.19	U	0.95	0.19
75-00-3	Chloroethane	0.50	U	0.95	0.50
67-66-3	Chloroform	0.93	U	0.95	0.93
74-87-3	Chloromethane	0.41	U	0.95	0.41
156-59-2	cis-1,2-Dichloroethene	0.34	U	0.95	0.34
10061-01-5	cis-1,3-Dichloropropene	0.26	U	0.95	0.26
110-82-7	Cyclohexane	0.21	U	0.95	0.21
75-27-4	Dichlorobromomethane	0.25	U	0.95	0.25
75-71-8	Dichlorodifluoromethane	0.32	U	0.95	0.32
100-41-4	Ethylbenzene	0.19	U	0.95	0.19
106-93-4	Ethylene Dibromide	0.17	U	0.95	0.17
98-82-8	Isopropylbenzene	0.27	U	0.95	0.27
79-20-9	Methyl acetate	4.1	U	4.8	4.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: CC-11 | Lab Sample ID: 460-256171-4

Matrix: Solid | Lab File ID: B85744.D

Analysis Method: 8260D | Date Collected: 04/11/2022 00:00

Sample wt/vol: 5.40(g) | Date Analyzed: 04/14/2022 20:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 2.9 | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	0.49	U	0.95	0.49
108-87-2	Methylcyclohexane	0.48	U	0.95	0.48
75-09-2	Methylene Chloride	1.1	U	1.9	1.1
179601-23-1	m-Xylene & p-Xylene	0.17	U	0.95	0.17
95-47-6	o-Xylene	0.19	U	0.95	0.19
100-42-5	Styrene	0.27	U	0.95	0.27
127-18-4	Tetrachloroethene	0.29	U	0.95	0.29
108-88-3	Toluene	0.22	U	0.95	0.22
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.95	0.23
10061-02-6	trans-1,3-Dichloropropene	0.25	U	0.95	0.25
79-01-6	Trichloroethene	0.31	U	0.95	0.31
75-69-4	Trichlorofluoromethane	0.39	U	0.95	0.39
75-01-4	Vinyl chloride	0.52	U	0.95	0.52
107-06-2	1,2-Dichloroethane	0.28	U	0.95	0.28
95-50-1	1,2-Dichlorobenzene	0.34	U	0.95	0.34
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	0.95	0.44

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		72-145
460-00-4	4-Bromofluorobenzene	96		75-139
1868-53-7	Dibromofluoromethane (Surr)	27	S1-	73-139
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85744.D
Lims ID: 460-256171-A-4-B
Client ID: CC-11
Sample Type: Client
Inject. Date: 14-Apr-2022 20:55:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-256171-A-4-B
Misc. Info.: 460-0144034-014
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2022 21:23:00 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: parekhv Date: 14-Apr-2022 21:23:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.252	1.258	-0.006	0	9921	14.4	
* 29 TBA-d9 (IS)	65	1.538	1.544	-0.006	0	316899	1000.0	
* 40 2-Butanone-d5	46	2.282	2.282	0.000	0	256475	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.691	0.006	0	29596	13.7	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	140956	55.2	
* 60 Fluorobenzene	96	3.319	3.312	0.007	0	437954	50.0	
* 69 1,4-Dioxane-d8	96	4.135	4.129	0.006	0	10841	1000.0	
$ 79 Toluene-d8 (Surr)	98	5.282	5.282	0.000	0	355983	49.6	
* 91 Chlorobenzene-d5	117	7.641	7.641	0.000	0	247367	50.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	0	78821	47.8	
* 117 1,4-Dichlorobenzene-d4	152	11.957	11.963	-0.006	0	117287	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00227 Amount Added: 1.00 Units: uL Run Reagent

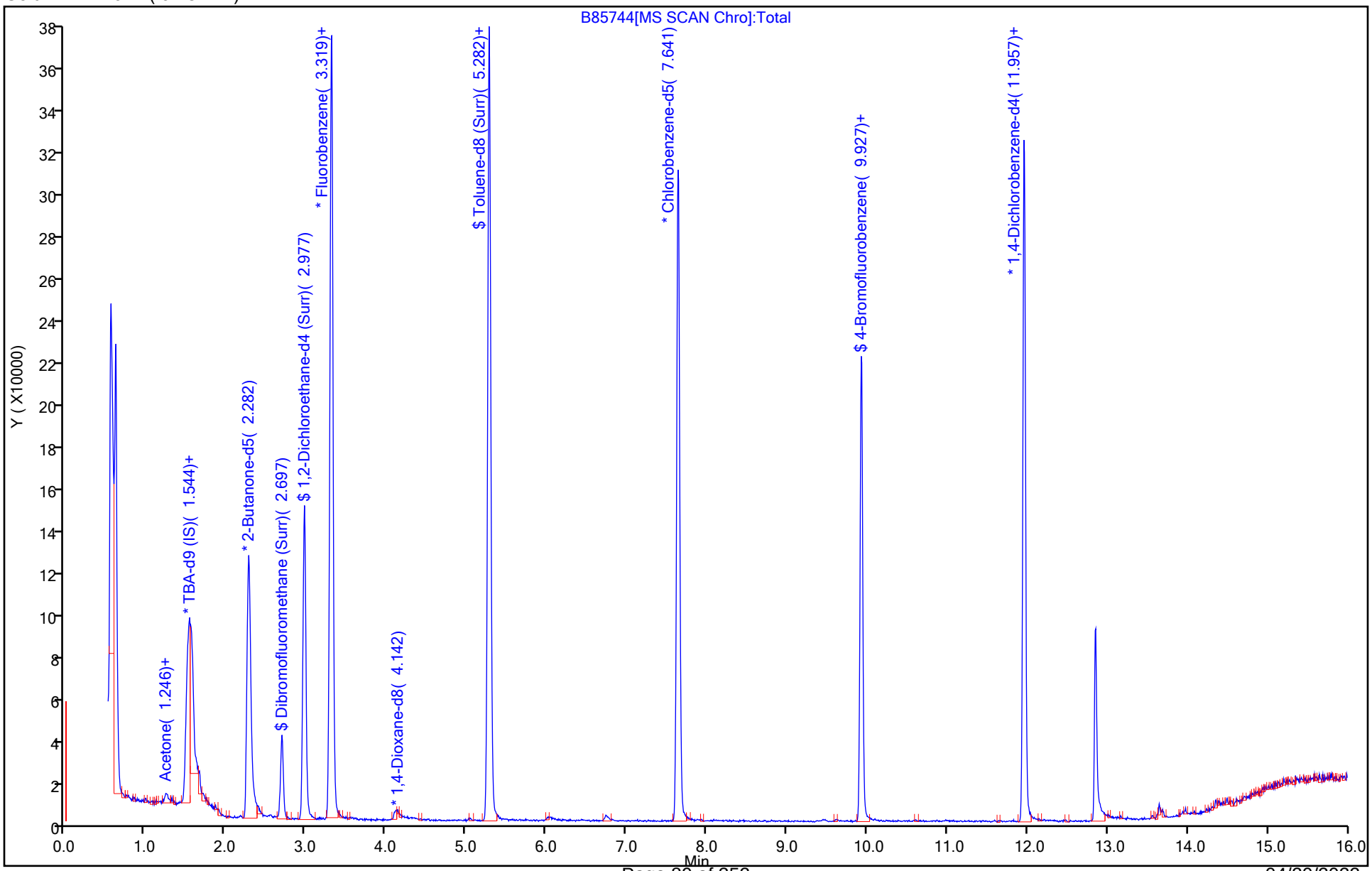
Report Date: 14-Apr-2022 21:23:00 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85744.D

Injection Date:	14-Apr-2022 20:55:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-256171-A-4-B	Lab Sample ID:	460-256171-4	Worklist Smp#:	14
Client ID:	CC-11				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

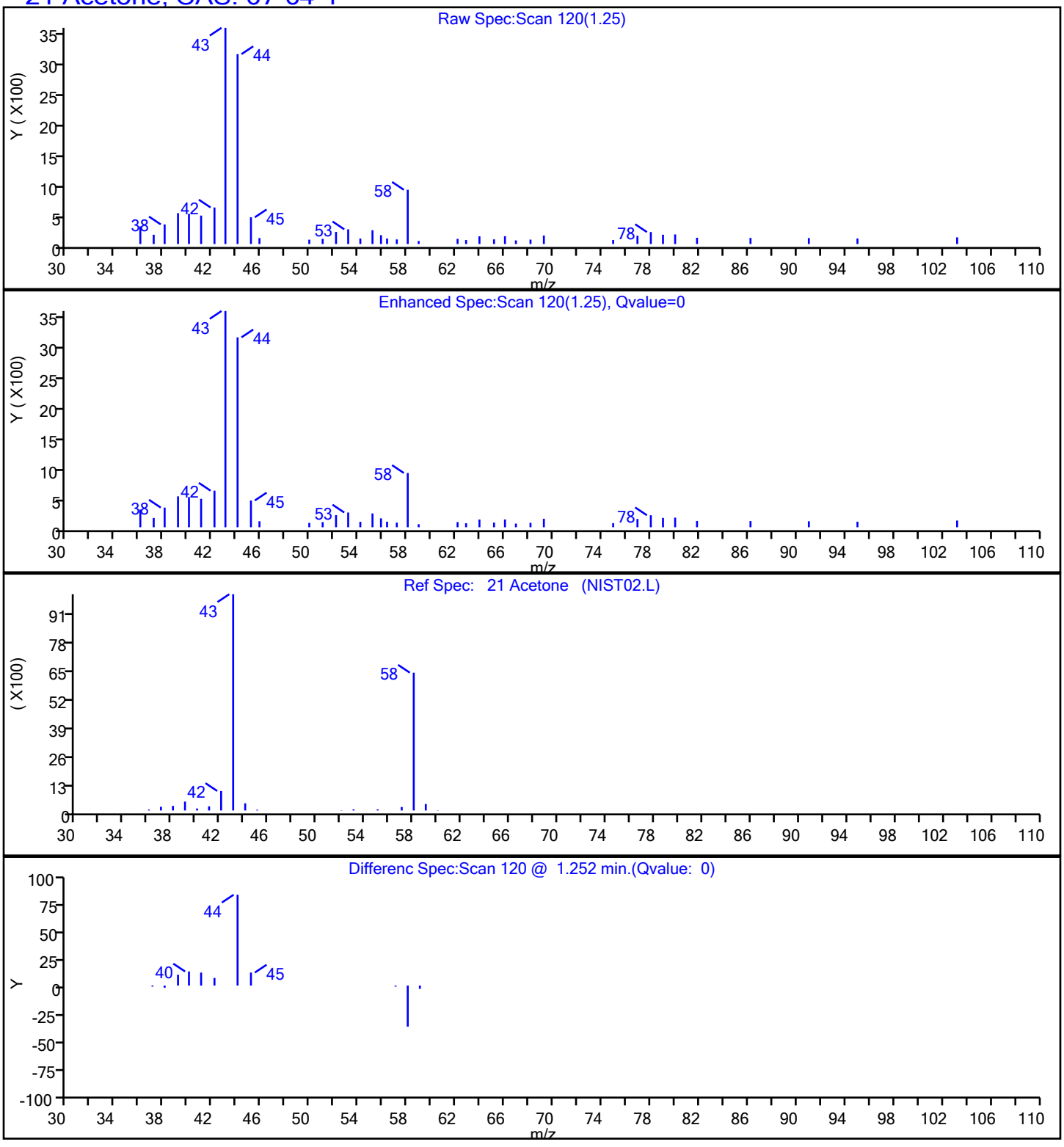
Column: DB-624 (0.18 mm)



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85744.D		
Injection Date:	14-Apr-2022 20:55:30	Instrument ID:	CVOAMS2
Lims ID:	460-256171-A-4-B	Lab Sample ID:	460-256171-4
Client ID:	CC-11		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

21 Acetone, CAS: 67-64-1



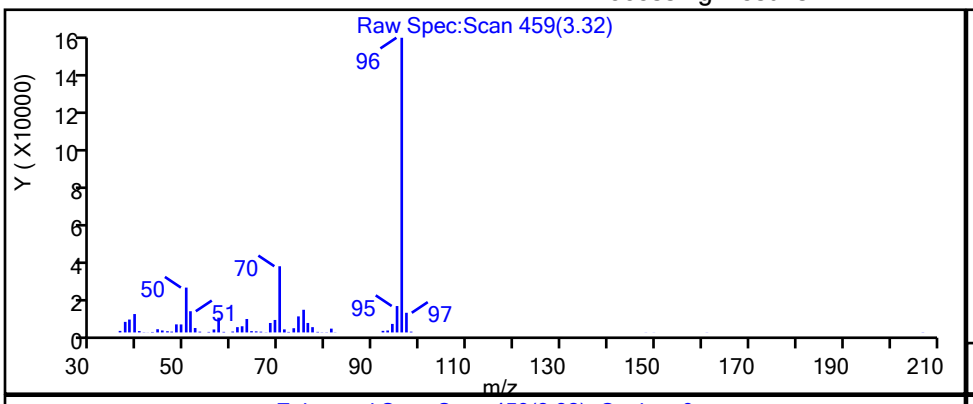
User Disabled Compound Report

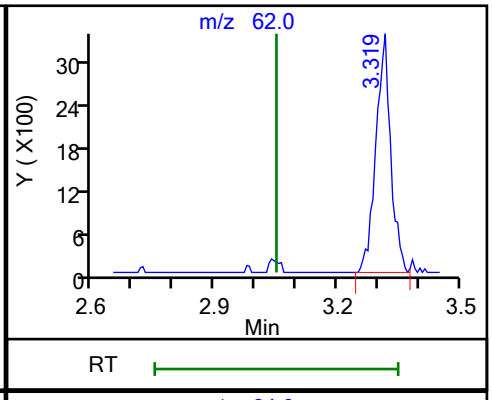
Eurofins Edison

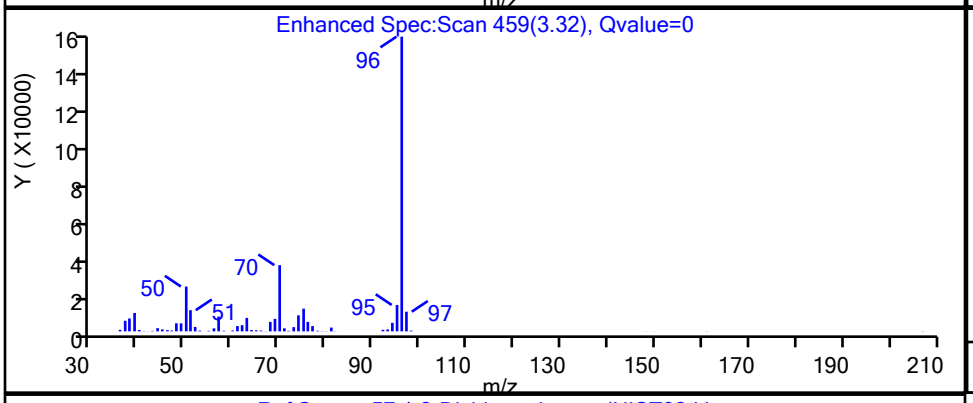
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85744.D				
Injection Date:	14-Apr-2022 20:55:30	Instrument ID:	CVOAMS2		
Lims ID:	460-256171-A-4-B	Lab Sample ID:	460-256171-4		
Client ID:	CC-11				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

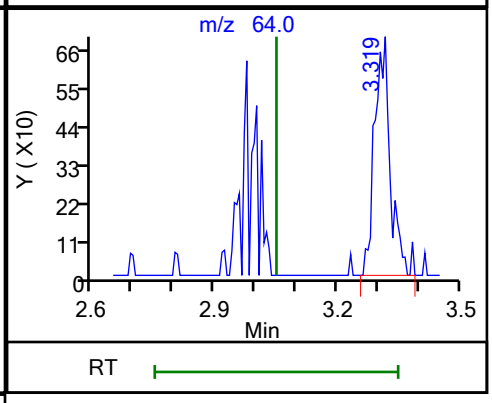
57 1,2-Dichloroethane, CAS: 107-06-2

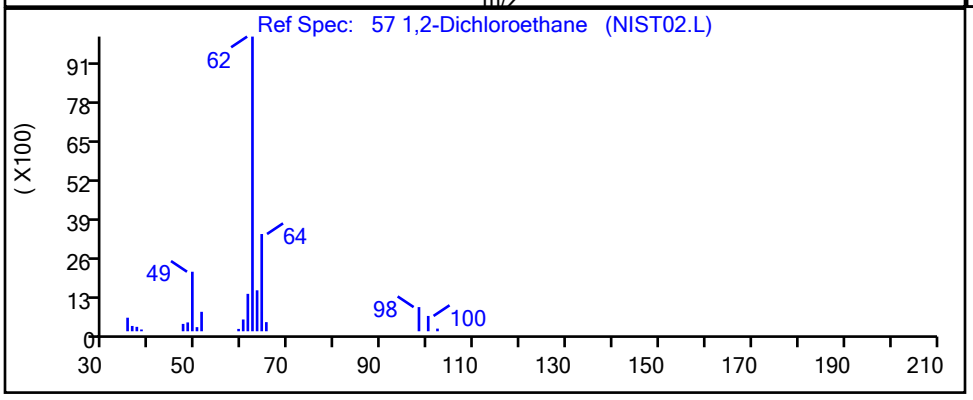
Processing Results











RT	Mass	Response	Amount
3.32	62.00	8387	2.911481
3.32	64.00	1862	

Reviewer: parekhv, 14-Apr-2022 21:13:33

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: CC-12 | Lab Sample ID: 460-256171-5

Matrix: Solid | Lab File ID: B85745.D

Analysis Method: 8260D | Date Collected: 04/11/2022 00:00

Sample wt/vol: 4.19(g) | Date Analyzed: 04/14/2022 21:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.6 | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.29	U	1.2	0.29
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1.2	0.26
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.37	U	1.2	0.37
79-00-5	1,1,2-Trichloroethane	0.22	U	1.2	0.22
75-34-3	1,1-Dichloroethane	0.25	U	1.2	0.25
75-35-4	1,1-Dichloroethene	0.28	U	1.2	0.28
87-61-6	1,2,3-Trichlorobenzene	0.22	U	1.2	0.22
120-82-1	1,2,4-Trichlorobenzene	0.44	U	1.2	0.44
78-87-5	1,2-Dichloropropane	0.52	U	1.2	0.52
541-73-1	1,3-Dichlorobenzene	0.45	U	1.2	0.45
106-46-7	1,4-Dichlorobenzene	0.28	U	1.2	0.28
123-91-1	1,4-Dioxane	11	U	120	11
78-93-3	2-Butanone (MEK)	0.46	U	6.2	0.46
591-78-6	2-Hexanone	2.1	U	6.2	2.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.9	U	6.2	1.9
67-64-1	Acetone	16	B	7.4	7.1
71-43-2	Benzene	0.32	U	1.2	0.32
75-25-2	Bromoform	0.53	U	1.2	0.53
74-83-9	Bromomethane	1.2	U	2.5	1.2
75-15-0	Carbon disulfide	0.33	U	1.2	0.33
56-23-5	Carbon tetrachloride	0.48	U	1.2	0.48
108-90-7	Chlorobenzene	0.22	U	1.2	0.22
74-97-5	Chlorobromomethane	0.35	U	1.2	0.35
124-48-1	Chlorodibromomethane	0.24	U	1.2	0.24
75-00-3	Chloroethane	0.65	U	1.2	0.65
67-66-3	Chloroform	1.2	U	1.2	1.2
74-87-3	Chloromethane	0.54	U	1.2	0.54
156-59-2	cis-1,2-Dichloroethene	0.44	U	1.2	0.44
10061-01-5	cis-1,3-Dichloropropene	0.34	U	1.2	0.34
110-82-7	Cyclohexane	0.27	U	1.2	0.27
75-27-4	Dichlorobromomethane	0.32	U	1.2	0.32
75-71-8	Dichlorodifluoromethane	0.42	U	1.2	0.42
100-41-4	Ethylbenzene	0.25	U	1.2	0.25
106-93-4	Ethylene Dibromide	0.22	U	1.2	0.22
98-82-8	Isopropylbenzene	0.35	U	1.2	0.35
79-20-9	Methyl acetate	5.3	U	6.2	5.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: CC-12 | Lab Sample ID: 460-256171-5

Matrix: Solid | Lab File ID: B85745.D

Analysis Method: 8260D | Date Collected: 04/11/2022 00:00

Sample wt/vol: 4.19(g) | Date Analyzed: 04/14/2022 21:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.6 | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	0.63	U	1.2	0.63
108-87-2	Methylcyclohexane	0.62	U	1.2	0.62
75-09-2	Methylene Chloride	1.4	U	2.5	1.4
179601-23-1	m-Xylene & p-Xylene	0.22	U	1.2	0.22
95-47-6	o-Xylene	0.24	U	1.2	0.24
100-42-5	Styrene	0.34	U	1.2	0.34
127-18-4	Tetrachloroethene	0.38	U	1.2	0.38
108-88-3	Toluene	0.29	U	1.2	0.29
156-60-5	trans-1,2-Dichloroethene	0.30	U	1.2	0.30
10061-02-6	trans-1,3-Dichloropropene	0.33	U	1.2	0.33
79-01-6	Trichloroethene	0.40	U	1.2	0.40
75-69-4	Trichlorofluoromethane	0.50	U	1.2	0.50
75-01-4	Vinyl chloride	0.68	U	1.2	0.68
107-06-2	1,2-Dichloroethane	0.37	U	1.2	0.37
95-50-1	1,2-Dichlorobenzene	0.45	U	1.2	0.45
96-12-8	1,2-Dibromo-3-Chloropropane	0.57	U	1.2	0.57

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		72-145
460-00-4	4-Bromofluorobenzene	97		75-139
1868-53-7	Dibromofluoromethane (Surr)	23	S1-	73-139
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85745.D
Lims ID: 460-256171-A-5-B
Client ID: CC-12
Sample Type: Client
Inject. Date: 14-Apr-2022 21:16:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-256171-A-5-B
Misc. Info.: 460-0144034-015
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Apr-2022 08:52:43 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1617

First Level Reviewer: parekhv Date: 14-Apr-2022 21:36:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.264	1.258	0.006	0	9804	12.7	
* 29 TBA-d9 (IS)	65	1.550	1.544	0.006	0	406896	1000.0	
* 40 2-Butanone-d5	46	2.282	2.282	0.000	0	287876	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.691	0.006	0	26524	11.7	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	150153	56.0	
* 60 Fluorobenzene	96	3.318	3.312	0.006	0	459169	50.0	
* 69 1,4-Dioxane-d8	96	4.111	4.129	-0.018	0	13088	1000.0	Ma
$ 79 Toluene-d8 (Surr)	98	5.287	5.282	0.005	0	392990	48.1	
* 91 Chlorobenzene-d5	117	7.647	7.641	0.006	0	281662	50.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	0	88566	48.3	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	0	130260	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00227 Amount Added: 1.00 Units: uL Run Reagent

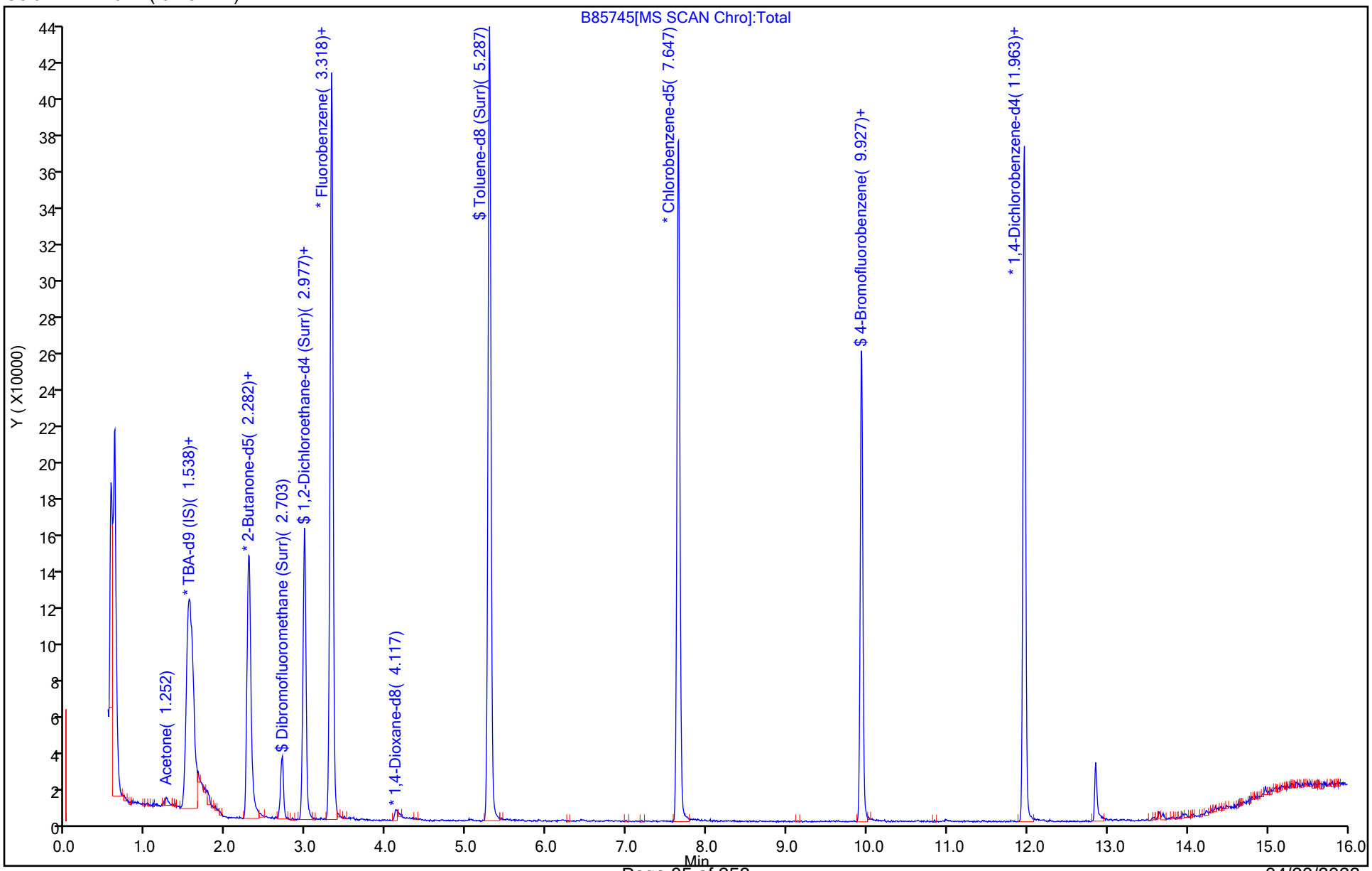
Report Date: 15-Apr-2022 08:52:44 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85745.D

Injection Date:	14-Apr-2022 21:16:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-256171-A-5-B	Lab Sample ID:	460-256171-5	Worklist Smp#:	15
Client ID:	CC-12				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



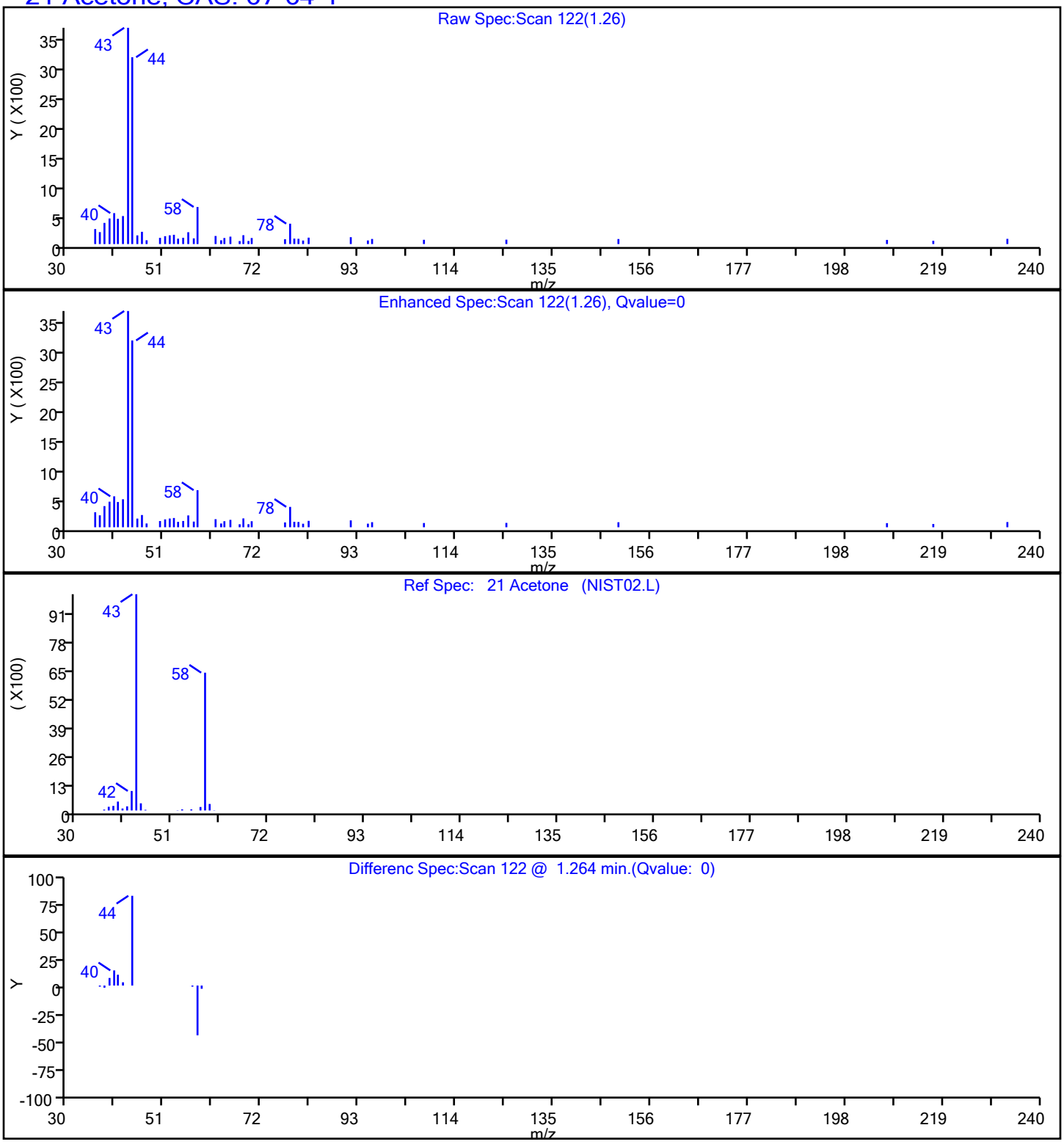
Report Date: 15-Apr-2022 08:52:44 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85745.D

Injection Date:	14-Apr-2022 21:16:30	Instrument ID:	CVOAMS2
Lims ID:	460-256171-A-5-B	Lab Sample ID:	460-256171-5
Client ID:	CC-12		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

21 Acetone, CAS: 67-64-1



Manual Integration/User Assign Peak Report

Eurofins Edison

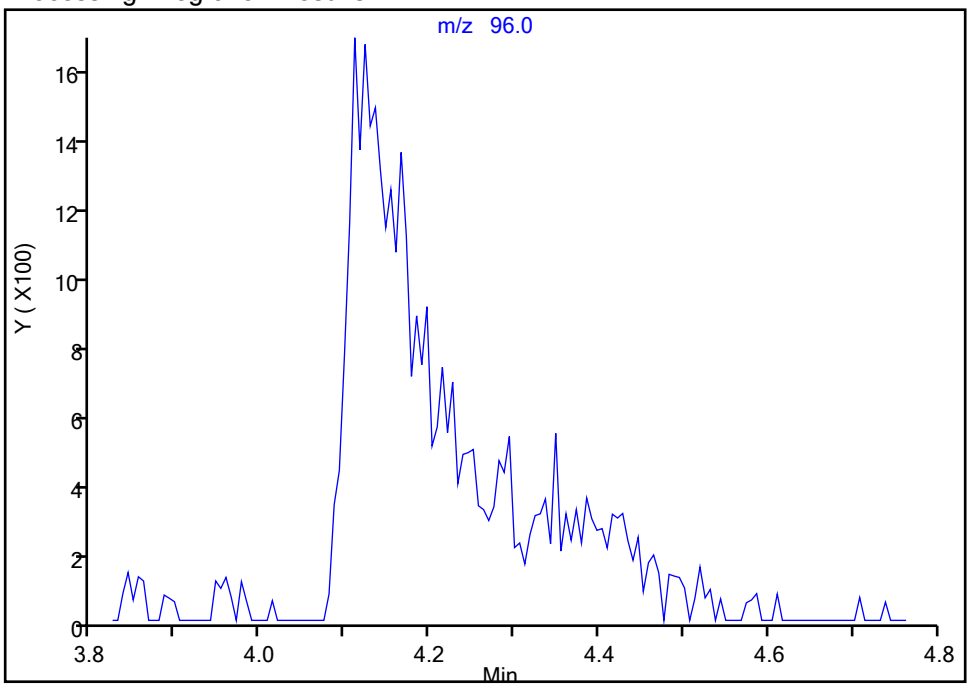
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85745.D				
Injection Date:	14-Apr-2022 21:16:30	Instrument ID:	CVOAMS2		
Lims ID:	460-256171-A-5-B	Lab Sample ID:	460-256171-5		
Client ID:	CC-12				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

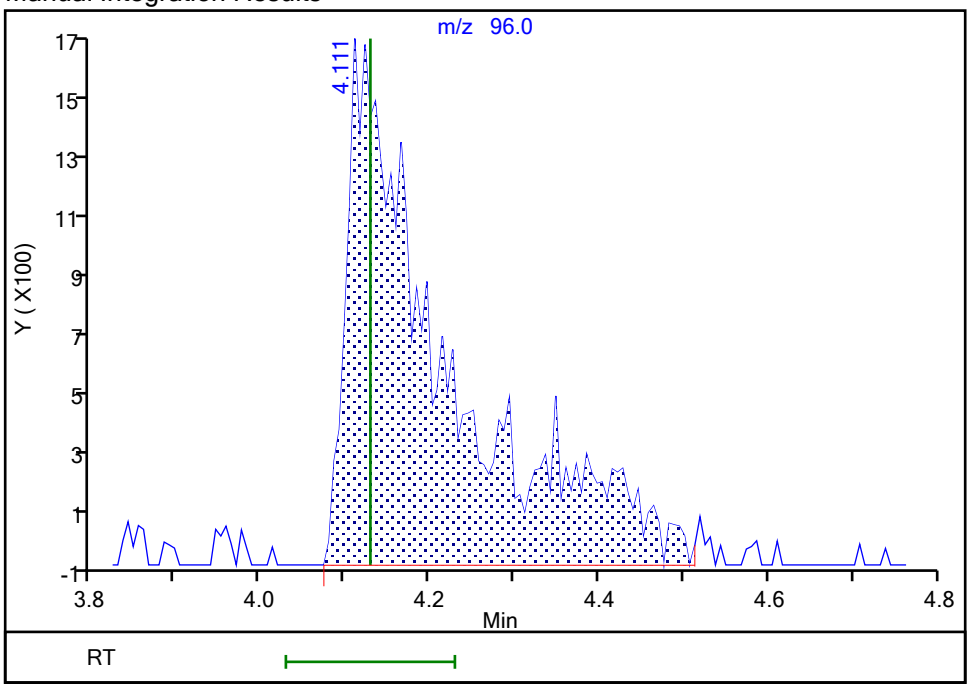
Not Detected
Expected RT: 4.13

Processing Integration Results



RT: 4.11
Area: 13088
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 15-Apr-2022 08:52:30
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: CC-13 | Lab Sample ID: 460-256171-6

Matrix: Solid | Lab File ID: B85746.D

Analysis Method: 8260D | Date Collected: 04/11/2022 00:00

Sample wt/vol: 5.27(g) | Date Analyzed: 04/14/2022 21:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.4 | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.23	U	0.98	0.23
79-34-5	1,1,2,2-Tetrachloroethane	0.21	U	0.98	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.30	U	0.98	0.30
79-00-5	1,1,2-Trichloroethane	0.17	U	0.98	0.17
75-34-3	1,1-Dichloroethane	0.20	U	0.98	0.20
75-35-4	1,1-Dichloroethene	0.22	U	0.98	0.22
87-61-6	1,2,3-Trichlorobenzene	0.18	U	0.98	0.18
120-82-1	1,2,4-Trichlorobenzene	0.35	U	0.98	0.35
78-87-5	1,2-Dichloropropane	0.42	U	0.98	0.42
541-73-1	1,3-Dichlorobenzene	0.36	U	0.98	0.36
106-46-7	1,4-Dichlorobenzene	0.22	U	0.98	0.22
123-91-1	1,4-Dioxane	9.0	U	98	9.0
78-93-3	2-Butanone (MEK)	0.36	U	4.9	0.36
591-78-6	2-Hexanone	1.7	U	4.9	1.7
108-10-1	4-Methyl-2-pentanone (MIBK)	1.5	U	4.9	1.5
67-64-1	Acetone	18	B	5.9	5.6
71-43-2	Benzene	0.25	U	0.98	0.25
75-25-2	Bromoform	0.42	U	0.98	0.42
74-83-9	Bromomethane	0.98	U	2.0	0.98
75-15-0	Carbon disulfide	0.26	U	0.98	0.26
56-23-5	Carbon tetrachloride	0.38	U	0.98	0.38
108-90-7	Chlorobenzene	0.17	U	0.98	0.17
74-97-5	Chlorobromomethane	0.28	U	0.98	0.28
124-48-1	Chlorodibromomethane	0.19	U	0.98	0.19
75-00-3	Chloroethane	0.51	U	0.98	0.51
67-66-3	Chloroform	0.95	U	0.98	0.95
74-87-3	Chloromethane	0.43	U	0.98	0.43
156-59-2	cis-1,2-Dichloroethene	0.35	U	0.98	0.35
10061-01-5	cis-1,3-Dichloropropene	0.27	U	0.98	0.27
110-82-7	Cyclohexane	0.22	U	0.98	0.22
75-27-4	Dichlorobromomethane	0.25	U	0.98	0.25
75-71-8	Dichlorodifluoromethane	0.33	U	0.98	0.33
100-41-4	Ethylbenzene	0.20	U	0.98	0.20
106-93-4	Ethylene Dibromide	0.18	U	0.98	0.18
98-82-8	Isopropylbenzene	0.28	U	0.98	0.28
79-20-9	Methyl acetate	4.2	U	4.9	4.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: CC-13 | Lab Sample ID: 460-256171-6

Matrix: Solid | Lab File ID: B85746.D

Analysis Method: 8260D | Date Collected: 04/11/2022 00:00

Sample wt/vol: 5.27(g) | Date Analyzed: 04/14/2022 21:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.4 | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	0.50	U	0.98	0.50
108-87-2	Methylcyclohexane	0.49	U	0.98	0.49
75-09-2	Methylene Chloride	1.1	U	2.0	1.1
179601-23-1	m-Xylene & p-Xylene	0.17	U	0.98	0.17
95-47-6	o-Xylene	0.19	U	0.98	0.19
100-42-5	Styrene	0.27	U	0.98	0.27
127-18-4	Tetrachloroethene	2.6		0.98	0.30
108-88-3	Toluene	0.23	U	0.98	0.23
156-60-5	trans-1,2-Dichloroethene	0.24	U	0.98	0.24
10061-02-6	trans-1,3-Dichloropropene	0.26	U	0.98	0.26
79-01-6	Trichloroethene	0.32	U	0.98	0.32
75-69-4	Trichlorofluoromethane	0.40	U	0.98	0.40
75-01-4	Vinyl chloride	0.54	U	0.98	0.54
107-06-2	1,2-Dichloroethane	0.29	U	0.98	0.29
95-50-1	1,2-Dichlorobenzene	0.35	U	0.98	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	0.45	U	0.98	0.45

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		72-145
460-00-4	4-Bromofluorobenzene	90		75-139
1868-53-7	Dibromofluoromethane (Surr)	25	S1-	73-139
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85746.D
Lims ID: 460-256171-A-6-B
Client ID: CC-13
Sample Type: Client
Inject. Date: 14-Apr-2022 21:39:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-256171-A-6-B
Misc. Info.: 460-0144034-016
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2022 22:04:51 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: parekhv Date: 14-Apr-2022 22:05:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.258	1.258	0.000	0	13610	18.1	
* 29 TBA-d9 (IS)	65	1.538	1.544	-0.006	0	383361	1000.0	
* 40 2-Butanone-d5	46	2.288	2.282	0.006	0	281067	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.696	2.691	0.005	0	27230	12.3	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	151098	57.4	
* 60 Fluorobenzene	96	3.318	3.312	0.006	0	451014	50.0	
* 69 1,4-Dioxane-d8	96	4.117	4.129	-0.012	0	11930	1000.0	
$ 79 Toluene-d8 (Surr)	98	5.287	5.282	0.005	0	351756	47.3	
85 Tetrachloroethene	166	6.196	6.202	-0.006	91	4373	2.65	M
* 91 Chlorobenzene-d5	117	7.641	7.641	0.000	0	256484	50.0	
$ 103 4-Bromofluorobenzene	174	9.927	9.927	0.000	0	80251	45.0	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	0	126676	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00227 Amount Added: 1.00 Units: uL Run Reagent

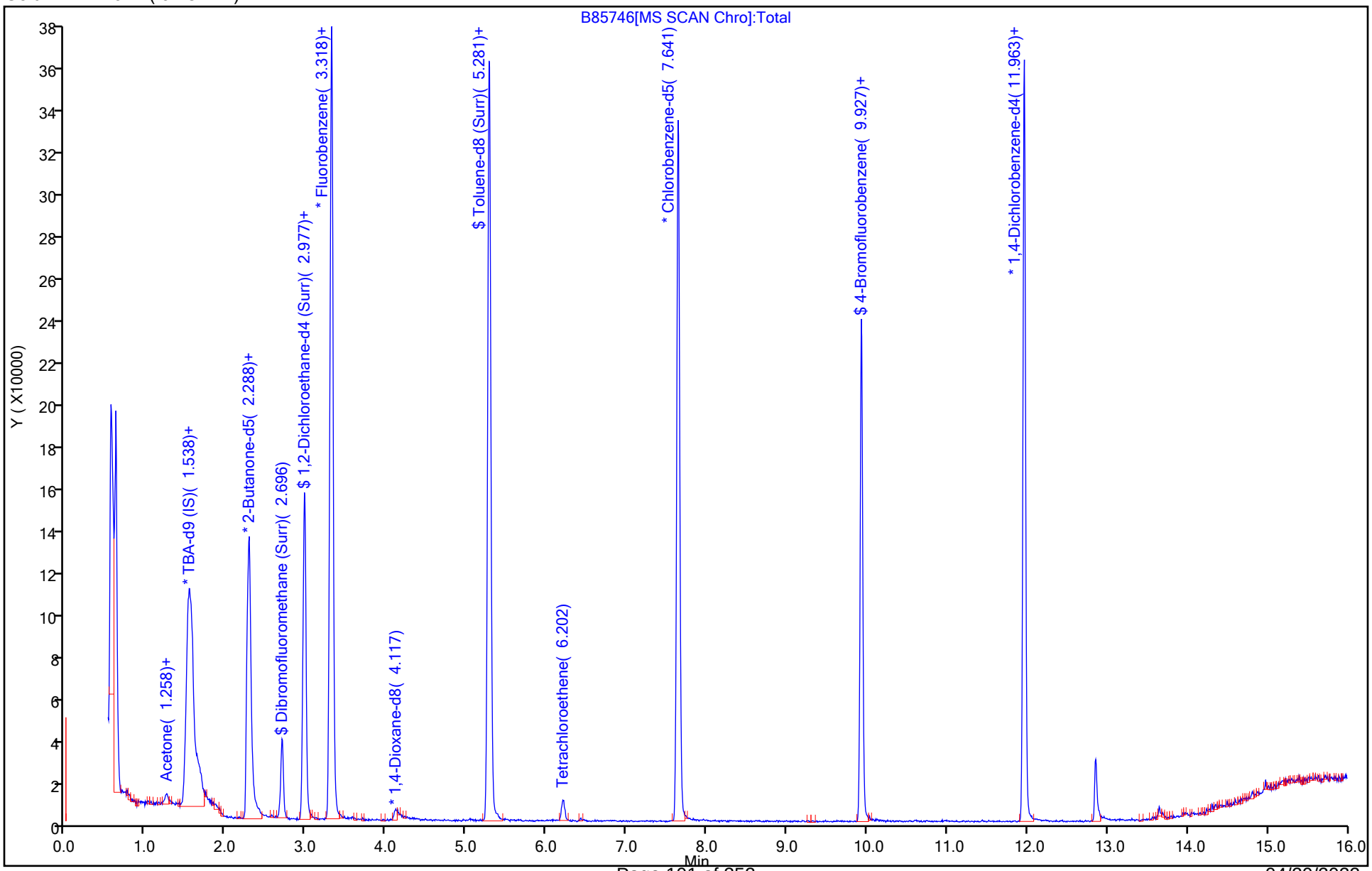
Report Date: 14-Apr-2022 22:05:11 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85746.D

Injection Date:	14-Apr-2022 21:39:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-256171-A-6-B	Lab Sample ID:	460-256171-6	Worklist Smp#:	16
Client ID:	CC-13				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

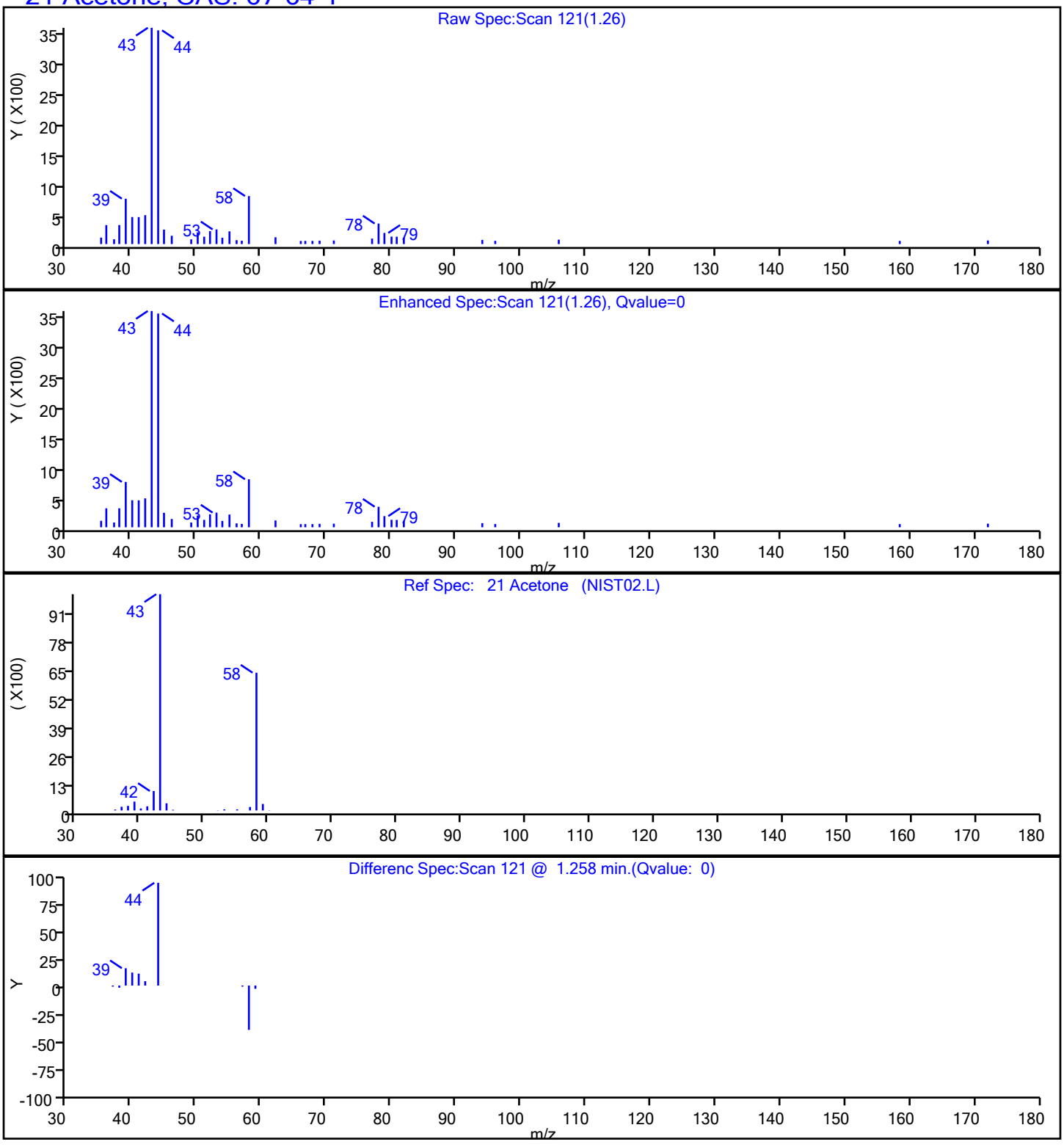
Column: DB-624 (0.18 mm)



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85746.D		
Injection Date:	14-Apr-2022 21:39:30	Instrument ID:	CVOAMS2
Lims ID:	460-256171-A-6-B	Lab Sample ID:	460-256171-6
Client ID:	CC-13		
Operator ID:		ALS Bottle#:	15 Worklist Smp#: 16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

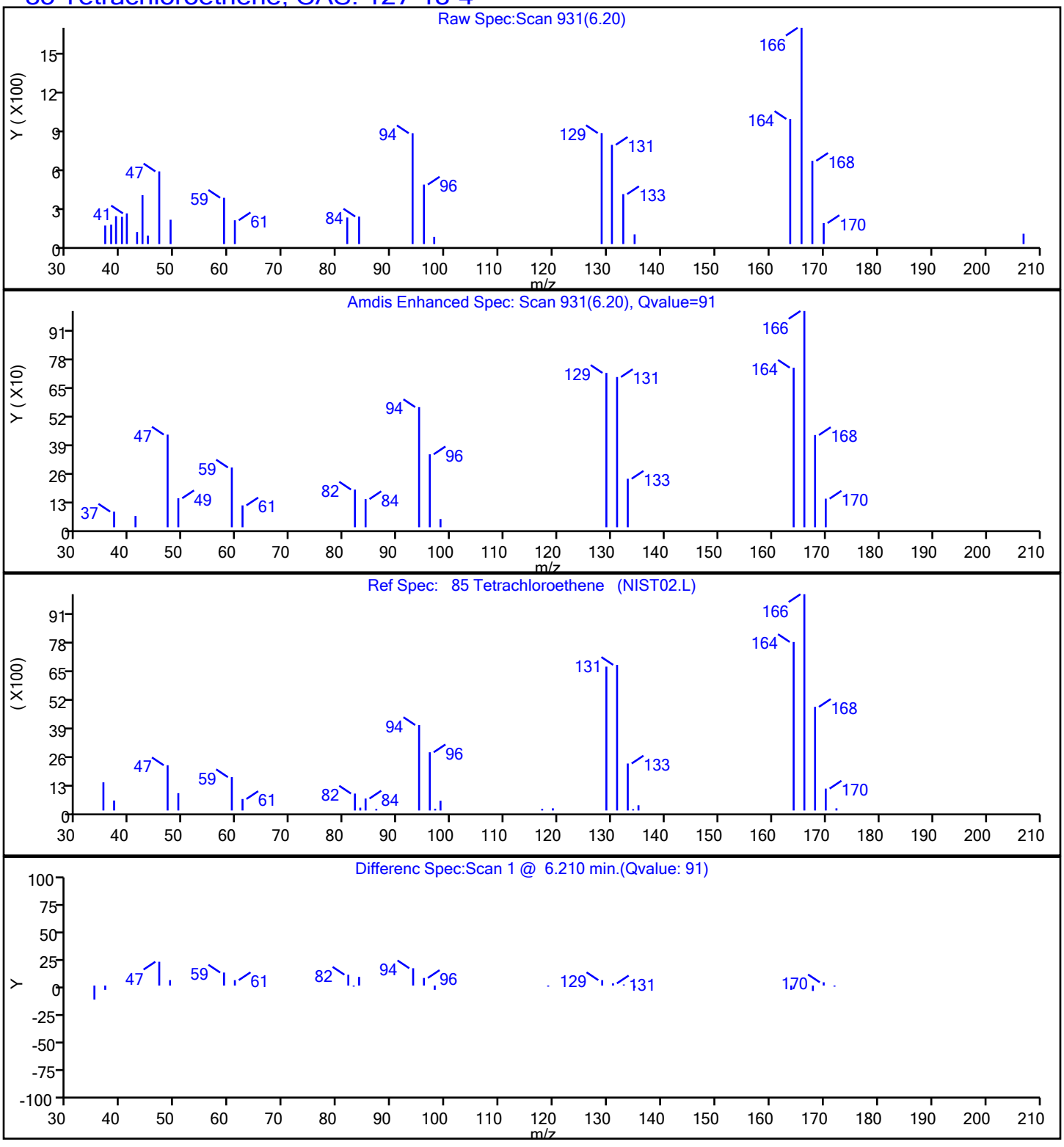
21 Acetone, CAS: 67-64-1



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85746.D		
Injection Date:	14-Apr-2022 21:39:30	Instrument ID:	CVOAMS2
Lims ID:	460-256171-A-6-B	Lab Sample ID:	460-256171-6
Client ID:	CC-13		
Operator ID:		ALS Bottle#:	15 Worklist Smp#: 16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

85 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

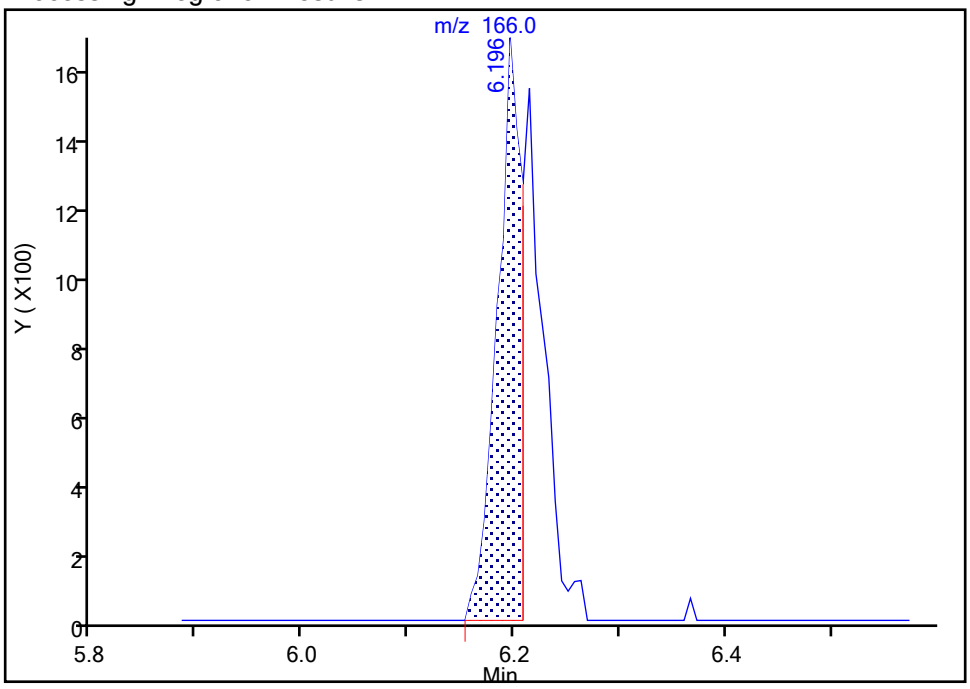
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85746.D		
Injection Date:	14-Apr-2022 21:39:30	Instrument ID:	CVOAMS2
Lims ID:	460-256171-A-6-B	Lab Sample ID:	460-256171-6
Client ID:	CC-13		
Operator ID:		ALS Bottle#:	15 Worklist Smp#: 16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

85 Tetrachloroethene, CAS: 127-18-4

Signal: 1

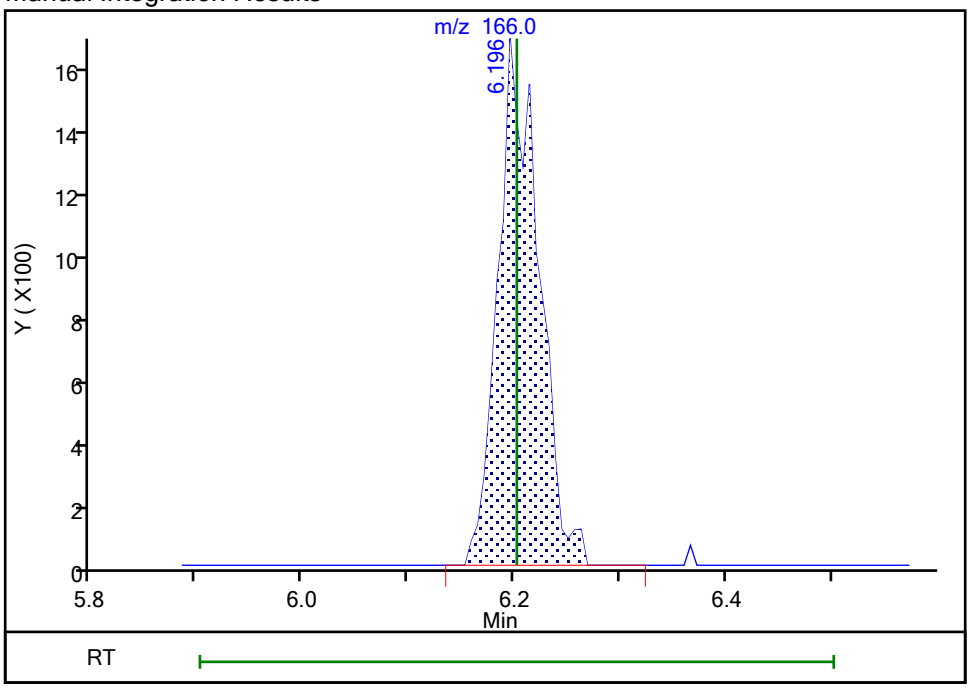
Processing Integration Results

RT: 6.20
Area: 2643
Amount: 1.599358
Amount Units: ug/l



Manual Integration Results

RT: 6.20
Area: 4373
Amount: 2.646233
Amount Units: ug/l



Reviewer: parekhv, 14-Apr-2022 22:04:50
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: CC-14 | Lab Sample ID: 460-256171-7

Matrix: Solid | Lab File ID: B85747.D

Analysis Method: 8260D | Date Collected: 04/11/2022 00:00

Sample wt/vol: 4.19(g) | Date Analyzed: 04/14/2022 22:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.4 | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.29	U	1.2	0.29
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	1.2	0.27
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.38	U	1.2	0.38
79-00-5	1,1,2-Trichloroethane	0.22	U	1.2	0.22
75-34-3	1,1-Dichloroethane	0.26	U	1.2	0.26
75-35-4	1,1-Dichloroethene	0.28	U	1.2	0.28
87-61-6	1,2,3-Trichlorobenzene	0.23	U	1.2	0.23
120-82-1	1,2,4-Trichlorobenzene	0.45	U	1.2	0.45
78-87-5	1,2-Dichloropropane	0.53	U	1.2	0.53
541-73-1	1,3-Dichlorobenzene	0.46	U	1.2	0.46
106-46-7	1,4-Dichlorobenzene	0.28	U	1.2	0.28
123-91-1	1,4-Dioxane	11	U	120	11
78-93-3	2-Butanone (MEK)	0.46	U	6.2	0.46
591-78-6	2-Hexanone	2.1	U	6.2	2.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.9	U	6.2	1.9
67-64-1	Acetone	13	B	7.5	7.1
71-43-2	Benzene	0.32	U	1.2	0.32
75-25-2	Bromoform	0.53	U	1.2	0.53
74-83-9	Bromomethane	1.2	U	2.5	1.2
75-15-0	Carbon disulfide	0.33	U	1.2	0.33
56-23-5	Carbon tetrachloride	0.48	U	1.2	0.48
108-90-7	Chlorobenzene	0.22	U	1.2	0.22
74-97-5	Chlorobromomethane	0.35	U	1.2	0.35
124-48-1	Chlorodibromomethane	0.24	U	1.2	0.24
75-00-3	Chloroethane	0.65	U	1.2	0.65
67-66-3	Chloroform	1.2	U	1.2	1.2
74-87-3	Chloromethane	0.54	U	1.2	0.54
156-59-2	cis-1,2-Dichloroethene	0.45	U	1.2	0.45
10061-01-5	cis-1,3-Dichloropropene	0.34	U	1.2	0.34
110-82-7	Cyclohexane	0.28	U	1.2	0.28
75-27-4	Dichlorobromomethane	0.32	U	1.2	0.32
75-71-8	Dichlorodifluoromethane	0.42	U	1.2	0.42
100-41-4	Ethylbenzene	0.25	U	1.2	0.25
106-93-4	Ethylene Dibromide	0.22	U	1.2	0.22
98-82-8	Isopropylbenzene	0.36	U	1.2	0.36
79-20-9	Methyl acetate	5.4	U	6.2	5.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: CC-14 | Lab Sample ID: 460-256171-7

Matrix: Solid | Lab File ID: B85747.D

Analysis Method: 8260D | Date Collected: 04/11/2022 00:00

Sample wt/vol: 4.19(g) | Date Analyzed: 04/14/2022 22:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.4 | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	0.64	U	1.2	0.64
108-87-2	Methylcyclohexane	0.62	U	1.2	0.62
75-09-2	Methylene Chloride	1.4	U	2.5	1.4
179601-23-1	m-Xylene & p-Xylene	0.22	U	1.2	0.22
95-47-6	o-Xylene	0.24	U	1.2	0.24
100-42-5	Styrene	0.35	U	1.2	0.35
127-18-4	Tetrachloroethene	0.40	J	1.2	0.38
108-88-3	Toluene	0.29	U	1.2	0.29
156-60-5	trans-1,2-Dichloroethene	0.31	U	1.2	0.31
10061-02-6	trans-1,3-Dichloropropene	0.33	U	1.2	0.33
79-01-6	Trichloroethene	0.40	U	1.2	0.40
75-69-4	Trichlorofluoromethane	0.51	U	1.2	0.51
75-01-4	Vinyl chloride	0.68	U	1.2	0.68
107-06-2	1,2-Dichloroethane	0.37	U	1.2	0.37
95-50-1	1,2-Dichlorobenzene	0.45	U	1.2	0.45
96-12-8	1,2-Dibromo-3-Chloropropane	0.57	U	1.2	0.57

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		72-145
460-00-4	4-Bromofluorobenzene	96		75-139
1868-53-7	Dibromofluoromethane (Surr)	49	S1-	73-139
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85747.D
Lims ID: 460-256171-A-7-B
Client ID: CC-14
Sample Type: Client
Inject. Date: 14-Apr-2022 22:01:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-256171-A-7-B
Misc. Info.: 460-0144034-017
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Apr-2022 08:53:19 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1617

First Level Reviewer: parekhv Date: 14-Apr-2022 22:45:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.252	1.258	-0.006	0	7820	10.1	
* 29 TBA-d9 (IS)	65	1.538	1.544	-0.006	0	362233	1000.0	
* 40 2-Butanone-d5	46	2.282	2.282	0.000	0	289479	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.691	0.006	0	55104	24.4	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	152180	56.8	
* 60 Fluorobenzene	96	3.318	3.312	0.006	0	459470	50.0	
* 69 1,4-Dioxane-d8	96	4.123	4.129	-0.006	0	11048	1000.0	
$ 79 Toluene-d8 (Surr)	98	5.287	5.282	0.005	0	402204	49.4	
85 Tetrachloroethene	166	6.208	6.202	0.006	86	576	0.3181	M
* 91 Chlorobenzene-d5	117	7.647	7.641	0.006	0	281079	50.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	0	87830	47.9	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	0	130216	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

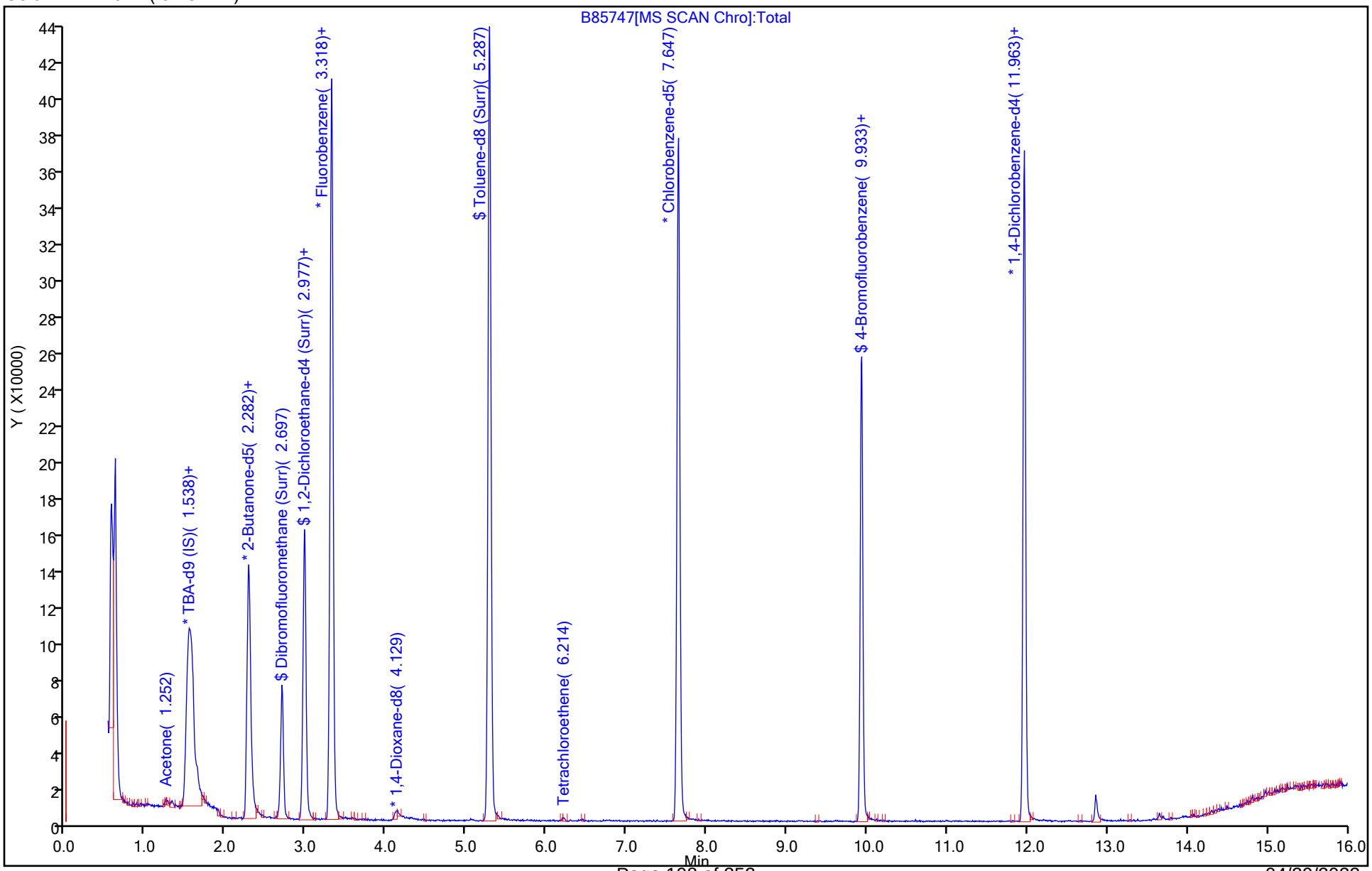
Report Date: 15-Apr-2022 08:53:19 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85747.D

Injection Date:	14-Apr-2022 22:01:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-256171-A-7-B	Lab Sample ID:	460-256171-7	Worklist Smp#:	17
Client ID:	CC-14				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

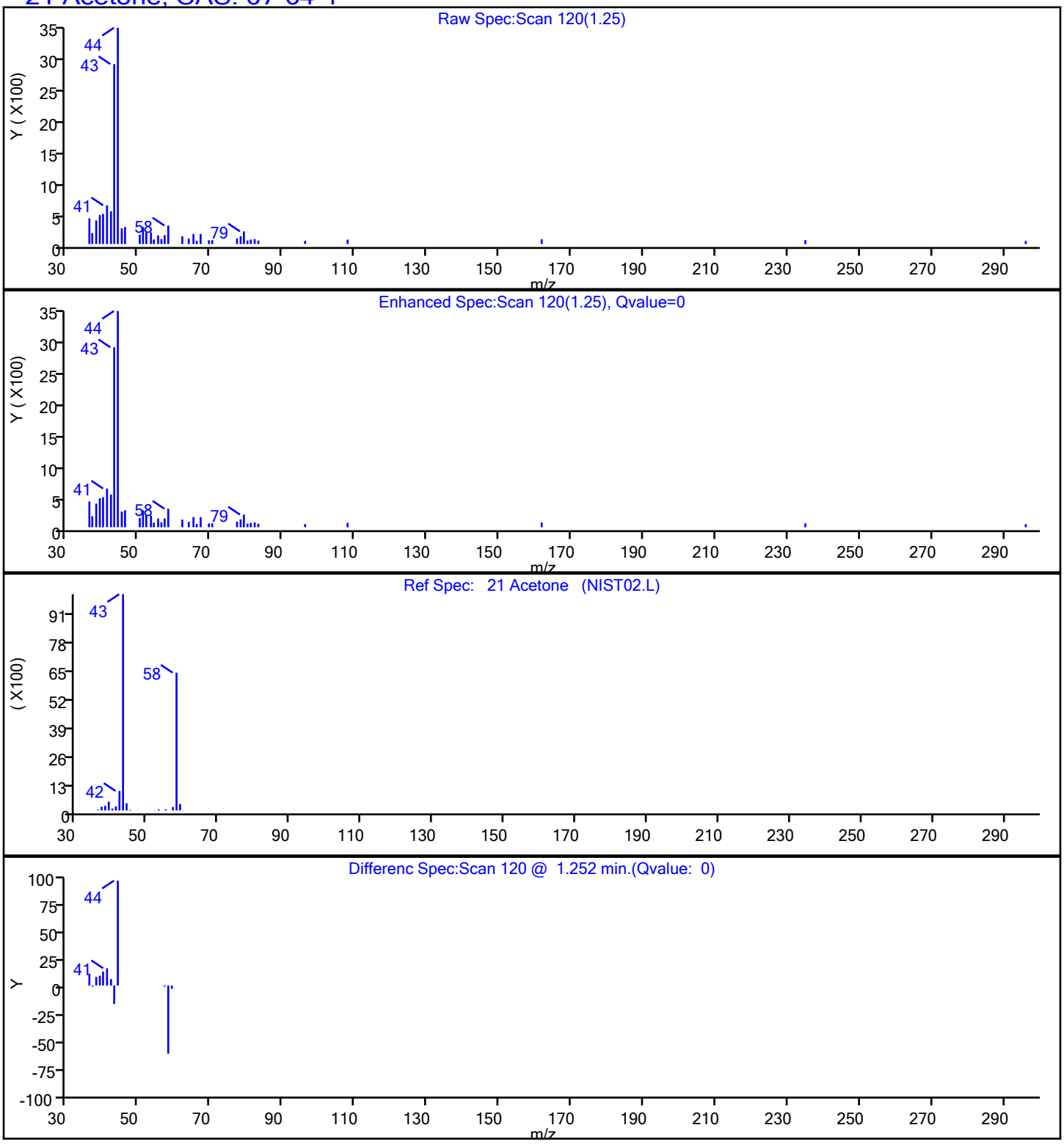
Column: DB-624 (0.18 mm)



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85747.D		
Injection Date:	14-Apr-2022 22:01:30	Instrument ID:	CVOAMS2
Lims ID:	460-256171-A-7-B	Lab Sample ID:	460-256171-7
Client ID:	CC-14		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

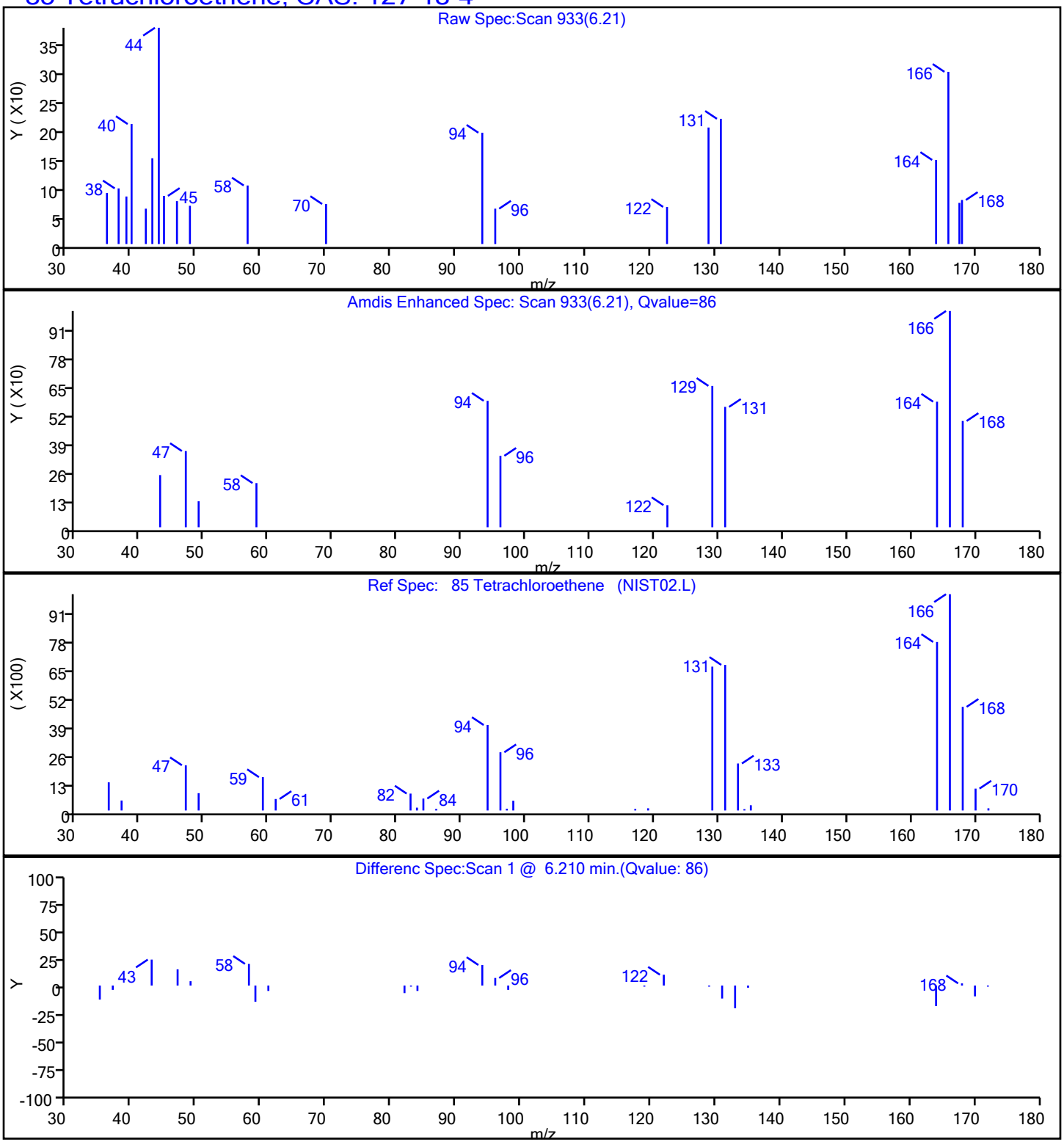
21 Acetone, CAS: 67-64-1



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85747.D		
Injection Date:	14-Apr-2022 22:01:30	Instrument ID:	CVOAMS2
Lims ID:	460-256171-A-7-B	Lab Sample ID:	460-256171-7
Client ID:	CC-14		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

85 Tetrachloroethene, CAS: 127-18-4



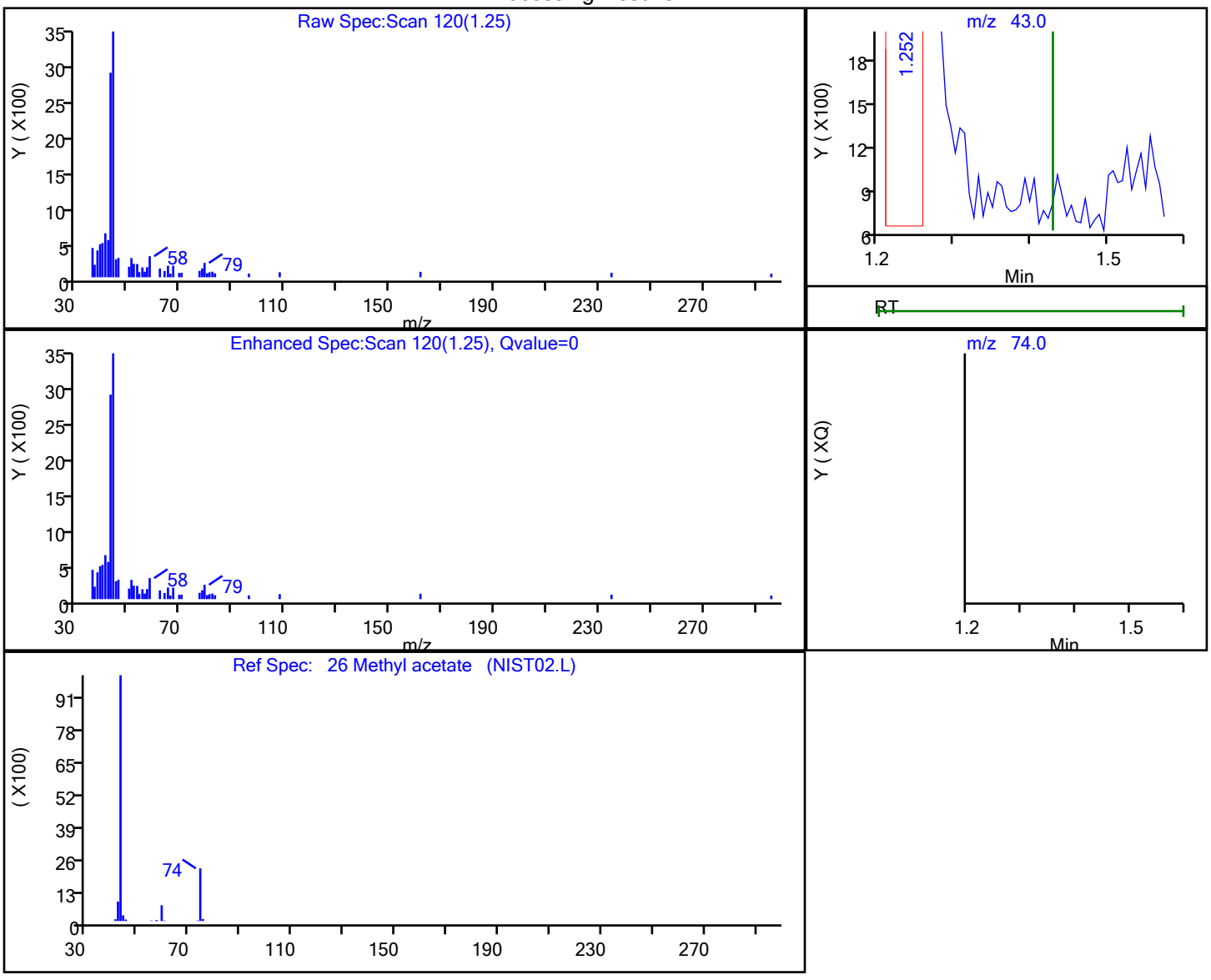
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85747.D				
Injection Date:	14-Apr-2022 22:01:30	Instrument ID:	CVOAMS2		
Lims ID:	460-256171-A-7-B	Lab Sample ID:	460-256171-7		
Client ID:	CC-14				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

26 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
1.25	43.00	3716	2.071430
1.24	74.00	54	

Reviewer: parekhv, 14-Apr-2022 22:45:34

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison

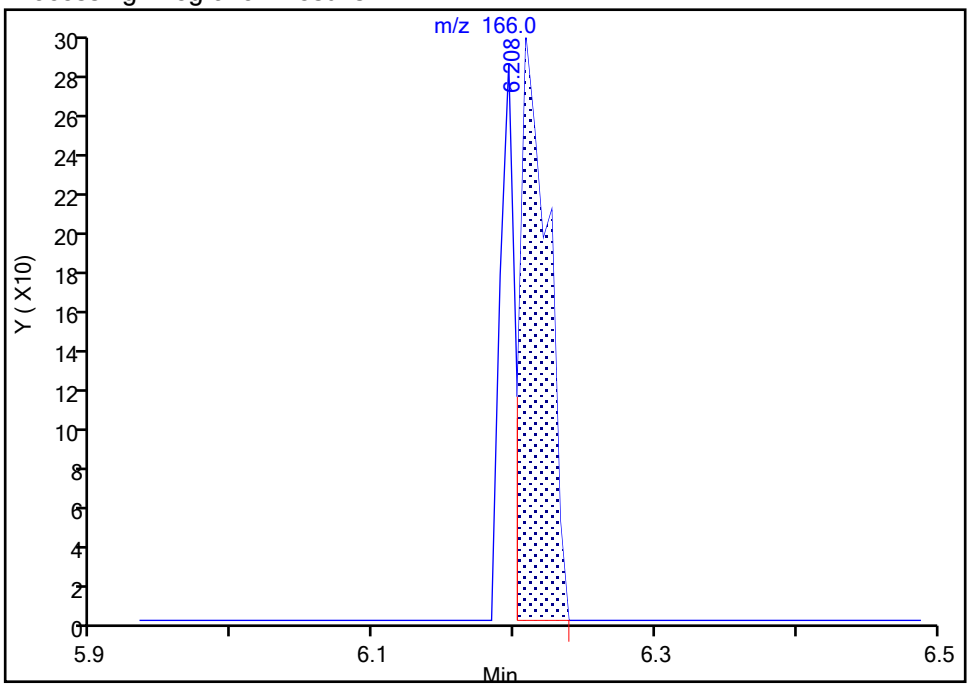
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85747.D		
Injection Date:	14-Apr-2022 22:01:30	Instrument ID:	CVOAMS2
Lims ID:	460-256171-A-7-B	Lab Sample ID:	460-256171-7
Client ID:	CC-14		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

85 Tetrachloroethene, CAS: 127-18-4

Signal: 1

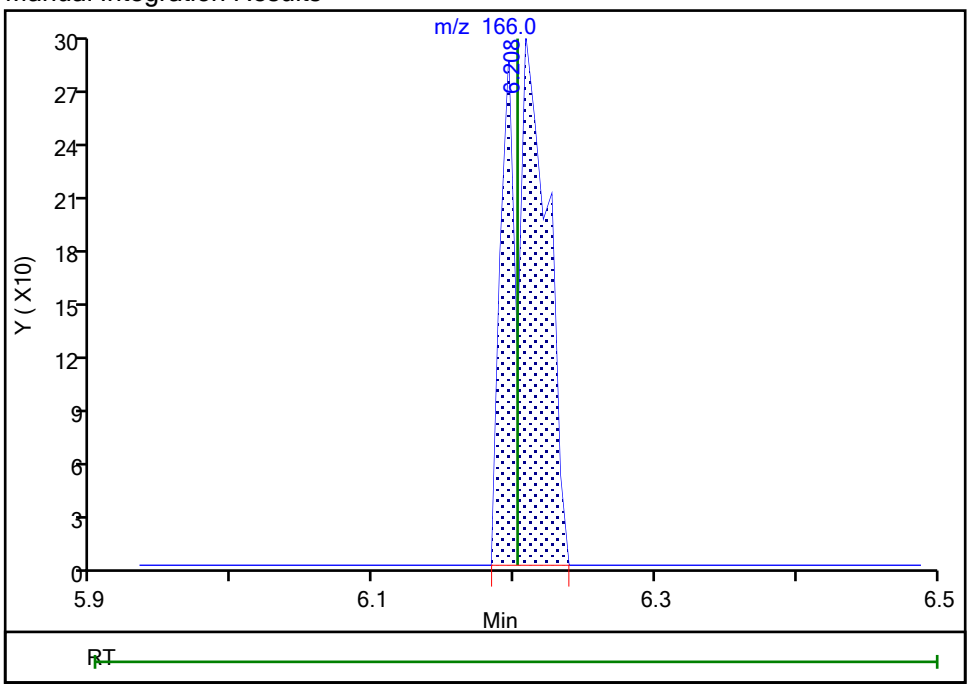
Processing Integration Results

RT: 6.21
Area: 408
Amount: 0.225289
Amount Units: ug/l



Manual Integration Results

RT: 6.21
Area: 576
Amount: 0.318055
Amount Units: ug/l



Reviewer: delpolitov, 15-Apr-2022 08:53:06
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

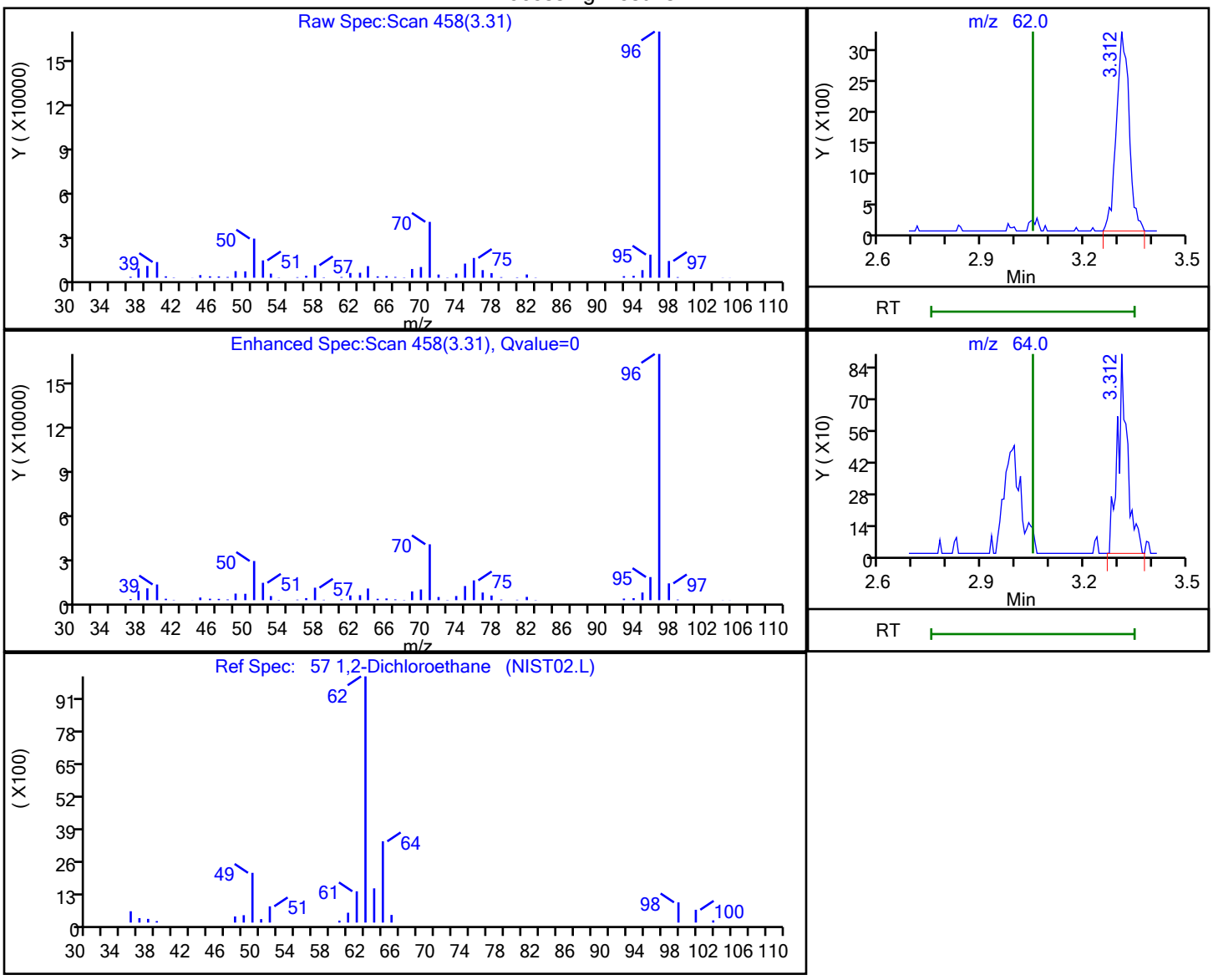
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85747.D				
Injection Date:	14-Apr-2022 22:01:30	Instrument ID:	CVOAMS2		
Lims ID:	460-256171-A-7-B	Lab Sample ID:	460-256171-7		
Client ID:	CC-14				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

57 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
3.31	62.00	8444	2.794003
3.31	64.00	1836	

Reviewer: parekhv, 14-Apr-2022 22:45:37

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: CC-15 | Lab Sample ID: 460-256171-8

Matrix: Solid | Lab File ID: B85748.D

Analysis Method: 8260D | Date Collected: 04/11/2022 00:00

Sample wt/vol: 4.72(g) | Date Analyzed: 04/14/2022 22:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 2.6 | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.25	U	1.1	0.25
79-34-5	1,1,2,2-Tetrachloroethane	0.23	U	1.1	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.33	U	1.1	0.33
79-00-5	1,1,2-Trichloroethane	0.19	U	1.1	0.19
75-34-3	1,1-Dichloroethane	0.22	U	1.1	0.22
75-35-4	1,1-Dichloroethene	0.24	U	1.1	0.24
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1.1	0.20
120-82-1	1,2,4-Trichlorobenzene	0.39	U	1.1	0.39
78-87-5	1,2-Dichloropropane	0.46	U	1.1	0.46
541-73-1	1,3-Dichlorobenzene	0.40	U	1.1	0.40
106-46-7	1,4-Dichlorobenzene	0.24	U	1.1	0.24
123-91-1	1,4-Dioxane	10	U	110	10
78-93-3	2-Butanone (MEK)	0.40	U	5.4	0.40
591-78-6	2-Hexanone	1.9	U	5.4	1.9
108-10-1	4-Methyl-2-pentanone (MIBK)	1.7	U	5.4	1.7
67-64-1	Acetone	9.1	B	6.5	6.2
71-43-2	Benzene	0.28	U	1.1	0.28
75-25-2	Bromoform	0.46	U	1.1	0.46
74-83-9	Bromomethane	1.1	U	2.2	1.1
75-15-0	Carbon disulfide	0.29	U	1.1	0.29
56-23-5	Carbon tetrachloride	0.42	U	1.1	0.42
108-90-7	Chlorobenzene	0.19	U	1.1	0.19
74-97-5	Chlorobromomethane	0.31	U	1.1	0.31
124-48-1	Chlorodibromomethane	0.21	U	1.1	0.21
75-00-3	Chloroethane	0.57	U	1.1	0.57
67-66-3	Chloroform	1.1	U	1.1	1.1
74-87-3	Chloromethane	0.47	U	1.1	0.47
156-59-2	cis-1,2-Dichloroethene	0.39	U	1.1	0.39
10061-01-5	cis-1,3-Dichloropropene	0.30	U	1.1	0.30
110-82-7	Cyclohexane	0.24	U	1.1	0.24
75-27-4	Dichlorobromomethane	0.28	U	1.1	0.28
75-71-8	Dichlorodifluoromethane	0.37	U	1.1	0.37
100-41-4	Ethylbenzene	0.22	U	1.1	0.22
106-93-4	Ethylene Dibromide	0.20	U	1.1	0.20
98-82-8	Isopropylbenzene	0.31	U	1.1	0.31
79-20-9	Methyl acetate	4.7	U	5.4	4.7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: CC-15 | Lab Sample ID: 460-256171-8

Matrix: Solid | Lab File ID: B85748.D

Analysis Method: 8260D | Date Collected: 04/11/2022 00:00

Sample wt/vol: 4.72(g) | Date Analyzed: 04/14/2022 22:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 2.6 | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	0.56	U	1.1	0.56
108-87-2	Methylcyclohexane	0.54	U	1.1	0.54
75-09-2	Methylene Chloride	1.2	U	2.2	1.2
179601-23-1	m-Xylene & p-Xylene	0.19	U	1.1	0.19
95-47-6	o-Xylene	0.21	U	1.1	0.21
100-42-5	Styrene	0.30	U	1.1	0.30
127-18-4	Tetrachloroethene	0.33	U	1.1	0.33
108-88-3	Toluene	0.25	U	1.1	0.25
156-60-5	trans-1,2-Dichloroethene	0.27	U	1.1	0.27
10061-02-6	trans-1,3-Dichloropropene	0.29	U	1.1	0.29
79-01-6	Trichloroethene	0.35	U	1.1	0.35
75-69-4	Trichlorofluoromethane	0.44	U	1.1	0.44
75-01-4	Vinyl chloride	0.59	U	1.1	0.59
107-06-2	1,2-Dichloroethane	0.32	U	1.1	0.32
95-50-1	1,2-Dichlorobenzene	0.39	U	1.1	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U	1.1	0.50

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		72-145
460-00-4	4-Bromofluorobenzene	97		75-139
1868-53-7	Dibromofluoromethane (Surr)	37	S1-	73-139
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85748.D
Lims ID: 460-256171-A-8-B
Client ID: CC-15
Sample Type: Client
Inject. Date: 14-Apr-2022 22:23:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-256171-A-8-B
Misc. Info.: 460-0144034-018
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2022 22:46:23 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: parekhv Date: 14-Apr-2022 22:46:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.264	1.258	0.006	0	5698	8.35	
* 29 TBA-d9 (IS)	65	1.544	1.544	0.000	0	314235	1000.0	
* 40 2-Butanone-d5	46	2.282	2.282	0.000	0	254623	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.691	0.006	0	38413	18.5	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	140427	57.0	
* 60 Fluorobenzene	96	3.318	3.312	0.006	0	421853	50.0	
* 69 1,4-Dioxane-d8	96	4.129	4.129	0.000	0	10726	1000.0	M
$ 79 Toluene-d8 (Surr)	98	5.288	5.282	0.006	0	361774	53.0	
* 91 Chlorobenzene-d5	117	7.641	7.641	0.000	0	235426	50.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	0	77705	48.5	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	0	113758	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00227 Amount Added: 1.00 Units: uL Run Reagent

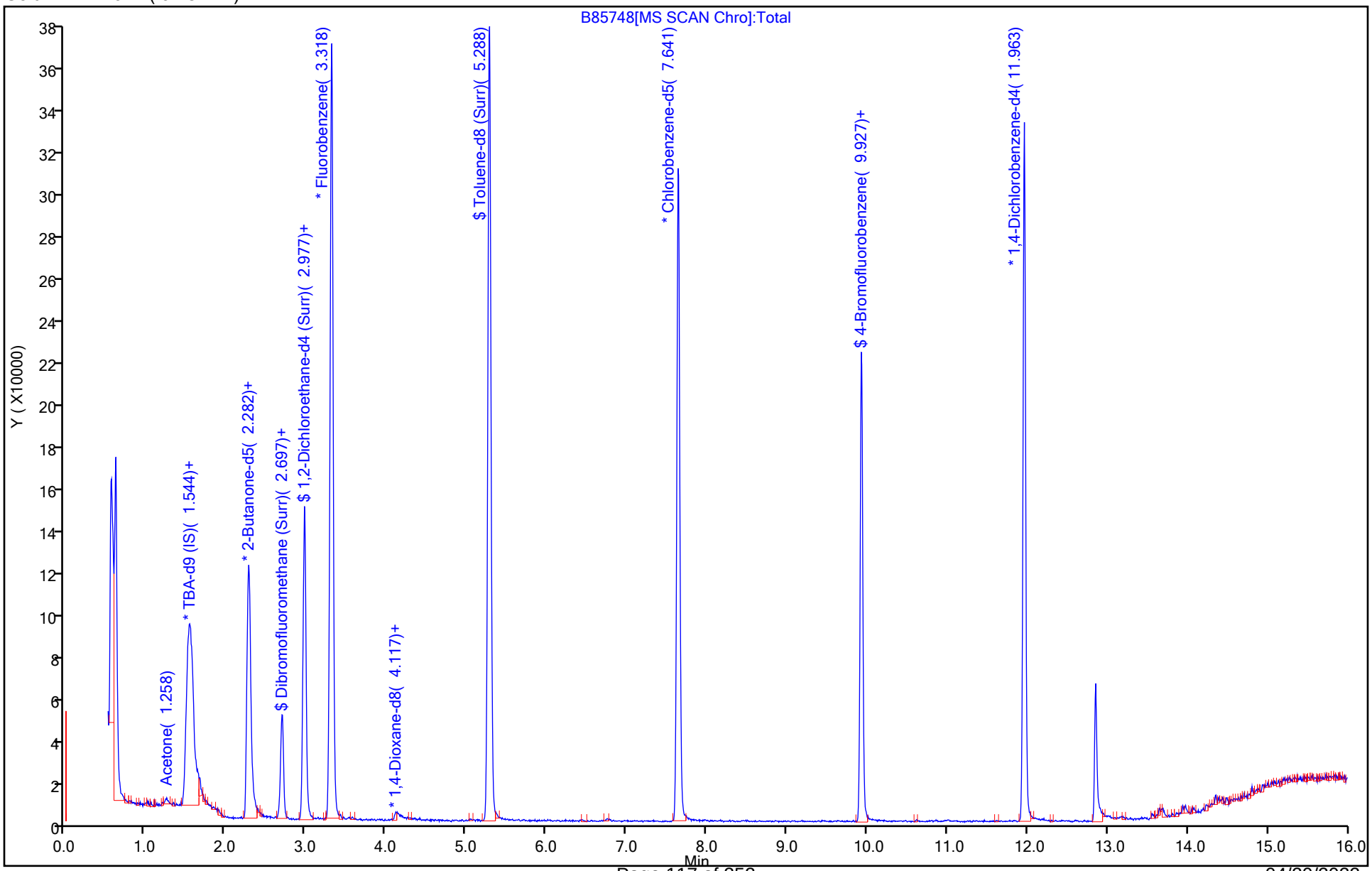
Report Date: 14-Apr-2022 22:46:23 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85748.D

Injection Date:	14-Apr-2022 22:23:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-256171-A-8-B	Lab Sample ID:	460-256171-8	Worklist Smp#:	18
Client ID:	CC-15				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

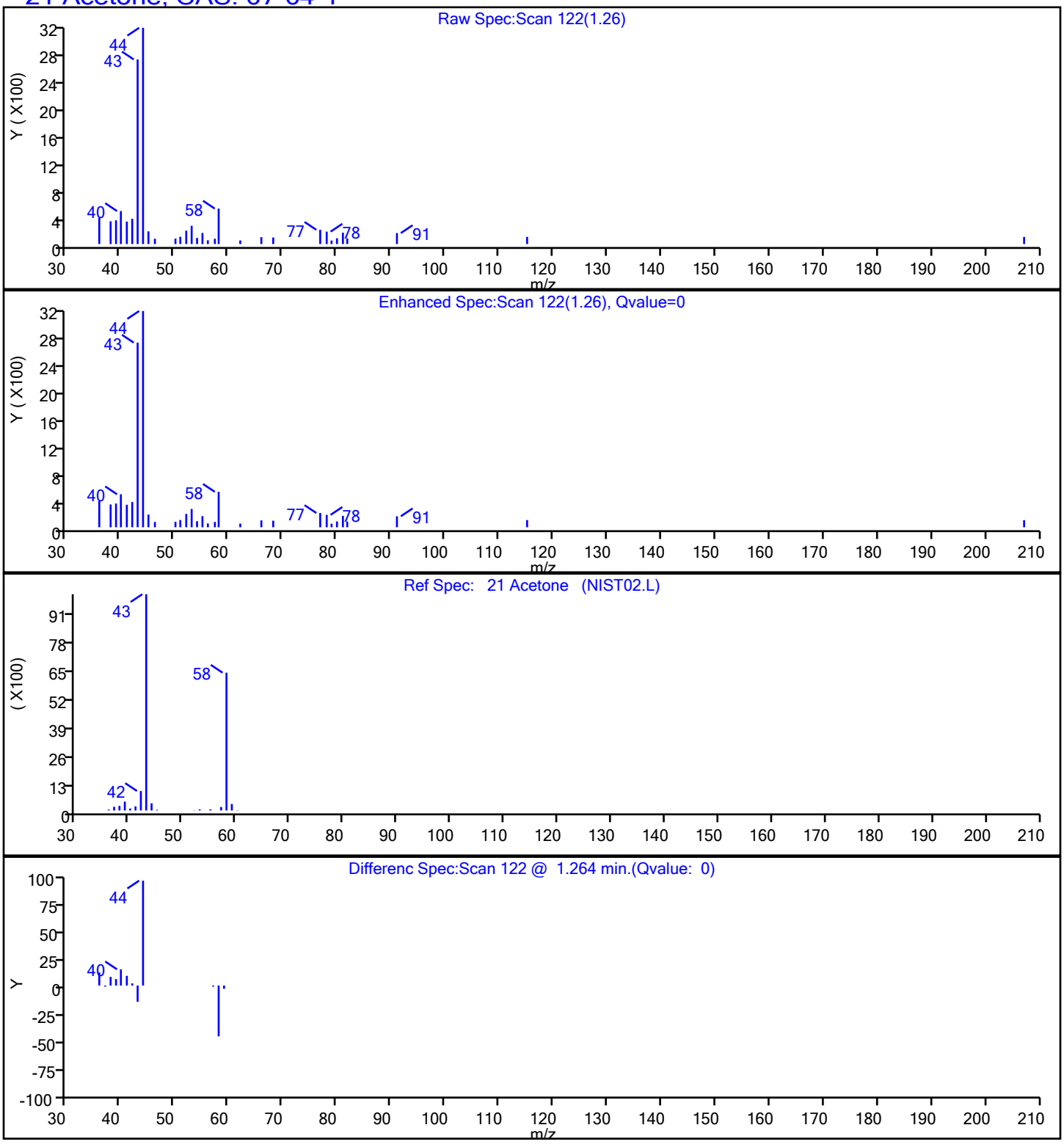
Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85748.D
Injection Date: 14-Apr-2022 22:23:30 Instrument ID: CVOAMS2
Lims ID: 460-256171-A-8-B Lab Sample ID: 460-256171-8
Client ID: CC-15
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

21 Acetone, CAS: 67-64-1



Manual Integration/User Assign Peak Report

Eurofins Edison

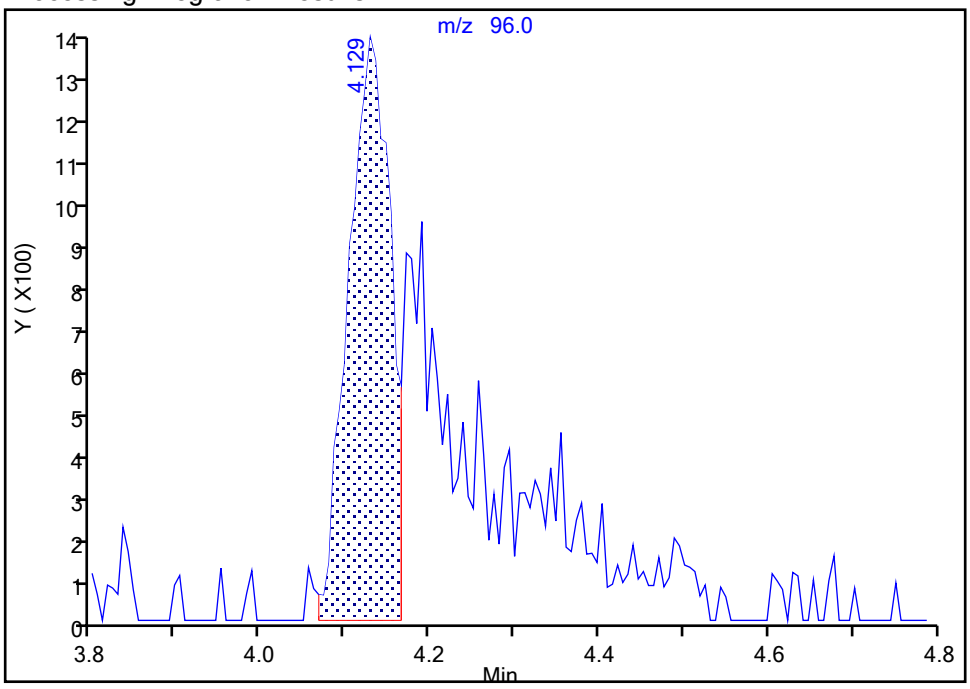
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85748.D		
Injection Date:	14-Apr-2022 22:23:30	Instrument ID:	CVOAMS2
Lims ID:	460-256171-A-8-B	Lab Sample ID:	460-256171-8
Client ID:	CC-15		
Operator ID:		ALS Bottle#:	17 Worklist Smp#: 18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

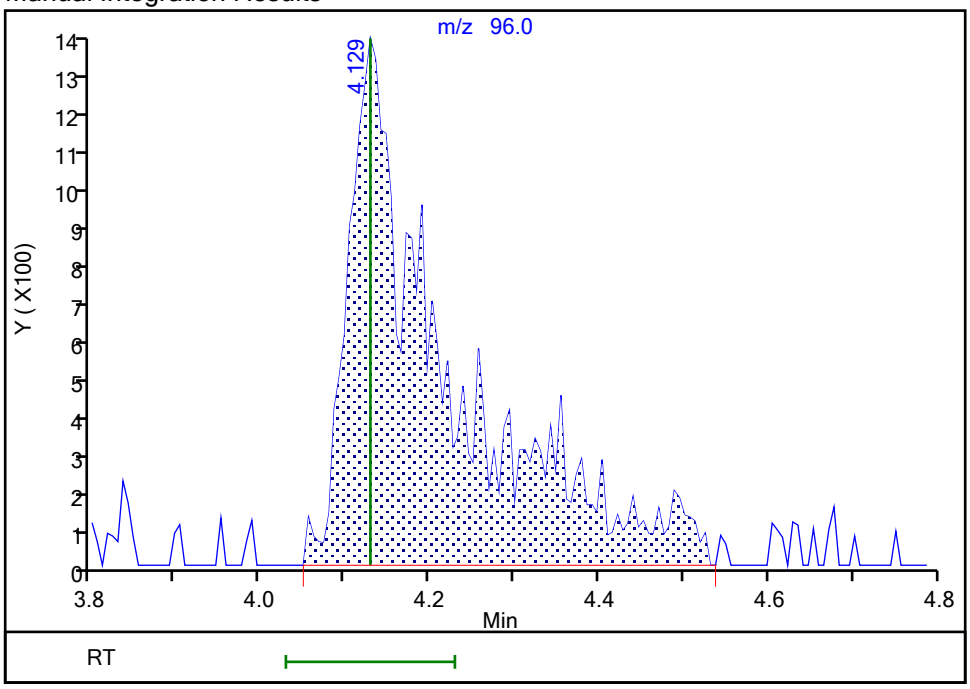
Processing Integration Results

RT: 4.13
Area: 4660
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.13
Area: 10726
Amount: 1000.0000
Amount Units: ug/l



Reviewer: parekhv, 14-Apr-2022 22:46:12

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: CC-16 | Lab Sample ID: 460-256171-9

Matrix: Solid | Lab File ID: B85749.D

Analysis Method: 8260D | Date Collected: 04/11/2022 00:00

Sample wt/vol: 4.04(g) | Date Analyzed: 04/14/2022 22:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.2 | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.31	U	1.3	0.31
79-34-5	1,1,2,2-Tetrachloroethane	0.28	U	1.3	0.28
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.40	U	1.3	0.40
79-00-5	1,1,2-Trichloroethane	0.23	U	1.3	0.23
75-34-3	1,1-Dichloroethane	0.27	U	1.3	0.27
75-35-4	1,1-Dichloroethene	0.30	U	1.3	0.30
87-61-6	1,2,3-Trichlorobenzene	0.24	U	1.3	0.24
120-82-1	1,2,4-Trichlorobenzene	0.47	U	1.3	0.47
78-87-5	1,2-Dichloropropane	0.56	U	1.3	0.56
541-73-1	1,3-Dichlorobenzene	0.48	U	1.3	0.48
106-46-7	1,4-Dichlorobenzene	0.30	U	1.3	0.30
123-91-1	1,4-Dioxane	12	U	130	12
78-93-3	2-Butanone (MEK)	0.49	U	6.6	0.49
591-78-6	2-Hexanone	2.3	U	6.6	2.3
108-10-1	4-Methyl-2-pentanone (MIBK)	2.1	U	6.6	2.1
67-64-1	Acetone	16	B	7.9	7.5
71-43-2	Benzene	0.34	U	1.3	0.34
75-25-2	Bromoform	0.56	U	1.3	0.56
74-83-9	Bromomethane	1.3	U	2.6	1.3
75-15-0	Carbon disulfide	0.35	U	1.3	0.35
56-23-5	Carbon tetrachloride	0.51	U	1.3	0.51
108-90-7	Chlorobenzene	0.23	U	1.3	0.23
74-97-5	Chlorobromomethane	0.37	U	1.3	0.37
124-48-1	Chlorodibromomethane	0.26	U	1.3	0.26
75-00-3	Chloroethane	0.69	U	1.3	0.69
67-66-3	Chloroform	1.3	U	1.3	1.3
74-87-3	Chloromethane	0.57	U	1.3	0.57
156-59-2	cis-1,2-Dichloroethene	0.47	U	1.3	0.47
10061-01-5	cis-1,3-Dichloropropene	0.36	U	1.3	0.36
110-82-7	Cyclohexane	0.29	U	1.3	0.29
75-27-4	Dichlorobromomethane	0.34	U	1.3	0.34
75-71-8	Dichlorodifluoromethane	0.45	U	1.3	0.45
100-41-4	Ethylbenzene	0.26	U	1.3	0.26
106-93-4	Ethylene Dibromide	0.24	U	1.3	0.24
98-82-8	Isopropylbenzene	0.38	U	1.3	0.38
79-20-9	Methyl acetate	5.7	U	6.6	5.7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: CC-16 | Lab Sample ID: 460-256171-9

Matrix: Solid | Lab File ID: B85749.D

Analysis Method: 8260D | Date Collected: 04/11/2022 00:00

Sample wt/vol: 4.04(g) | Date Analyzed: 04/14/2022 22:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.2 | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	0.68	U	1.3	0.68
108-87-2	Methylcyclohexane	0.66	U	1.3	0.66
75-09-2	Methylene Chloride	1.5	U	2.6	1.5
179601-23-1	m-Xylene & p-Xylene	0.23	U	1.3	0.23
95-47-6	o-Xylene	0.26	U	1.3	0.26
100-42-5	Styrene	0.37	U	1.3	0.37
127-18-4	Tetrachloroethene	5.9		1.3	0.40
108-88-3	Toluene	0.31	U	1.3	0.31
156-60-5	trans-1,2-Dichloroethene	0.32	U	1.3	0.32
10061-02-6	trans-1,3-Dichloropropene	0.35	U	1.3	0.35
79-01-6	Trichloroethene	0.42	U	1.3	0.42
75-69-4	Trichlorofluoromethane	0.54	U	1.3	0.54
75-01-4	Vinyl chloride	0.72	U	1.3	0.72
107-06-2	1,2-Dichloroethane	0.39	U	1.3	0.39
95-50-1	1,2-Dichlorobenzene	0.48	U	1.3	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	0.61	U	1.3	0.61

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		72-145
460-00-4	4-Bromofluorobenzene	88		75-139
1868-53-7	Dibromofluoromethane (Surr)	80		73-139
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85749.D
Lims ID: 460-256171-A-9-B
Client ID: CC-16
Sample Type: Client
Inject. Date: 14-Apr-2022 22:45:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-256171-A-9-B
Misc. Info.: 460-0144034-019
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2022 21:03:03 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: parekhv Date: 14-Apr-2022 23:10:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.246	1.258	-0.012	0	8574	11.8	
* 29 TBA-d9 (IS)	65	1.532	1.544	-0.012	0	324374	1000.0	
* 40 2-Butanone-d5	46	2.276	2.282	-0.006	0	270403	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.690	2.691	-0.001	0	84484	39.9	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.971	2.977	-0.006	0	131873	52.5	
* 60 Fluorobenzene	96	3.312	3.312	0.000	0	430309	50.0	
* 69 1,4-Dioxane-d8	96	4.117	4.129	-0.012	0	10172	1000.0	
$ 79 Toluene-d8 (Surr)	98	5.281	5.282	-0.001	0	328967	46.3	
85 Tetrachloroethene	166	6.208	6.202	0.006	0	7061	4.47	
* 91 Chlorobenzene-d5	117	7.641	7.641	0.000	0	245141	50.0	
$ 103 4-Bromofluorobenzene	174	9.927	9.927	0.000	0	72392	43.8	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	0	117332	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00227 Amount Added: 1.00 Units: uL Run Reagent

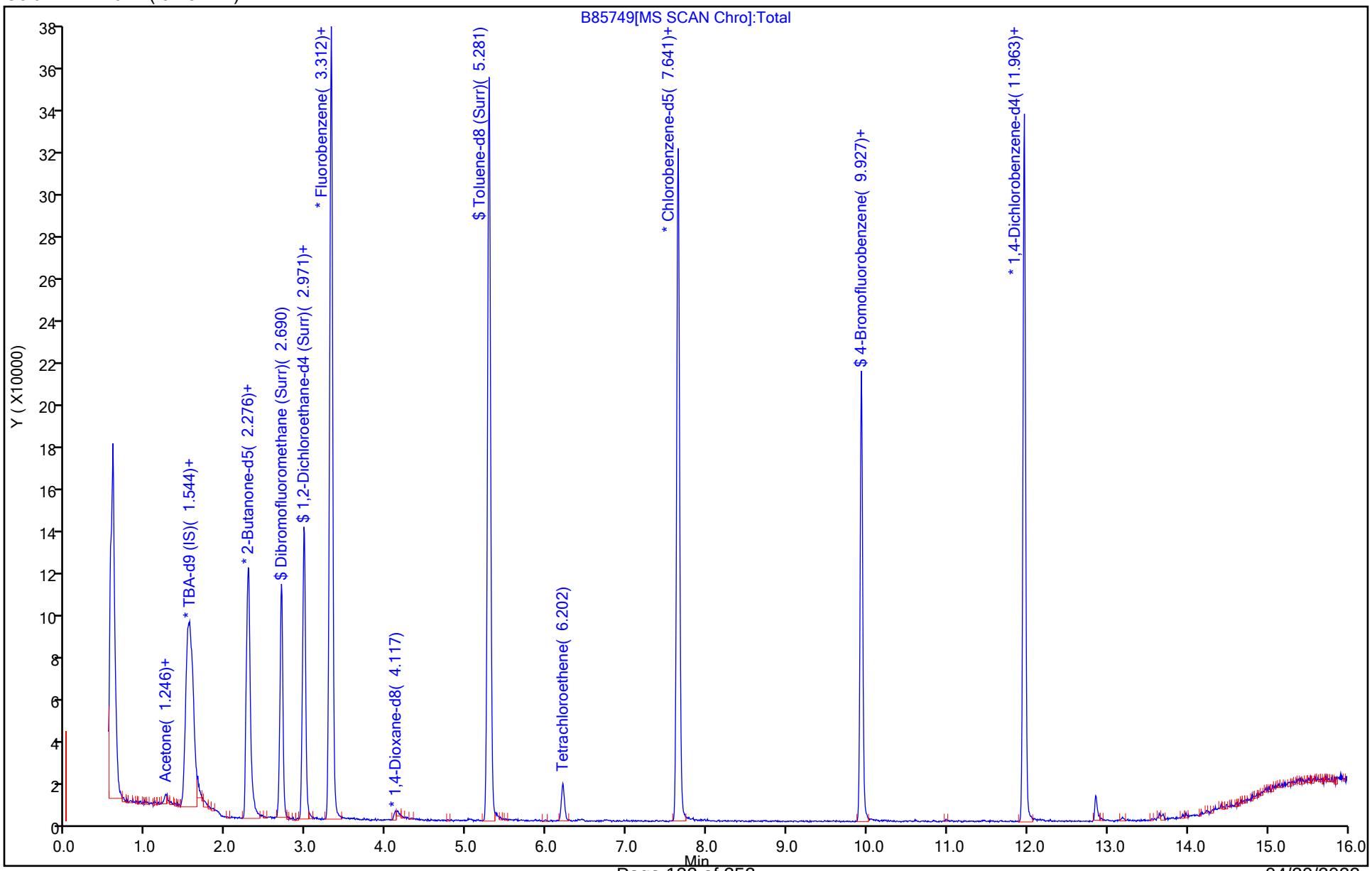
Report Date: 14-Apr-2022 23:10:24 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85749.D

Injection Date:	14-Apr-2022 22:45:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-256171-A-9-B	Lab Sample ID:	460-256171-9	Worklist Smp#:	19
Client ID:	CC-16				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

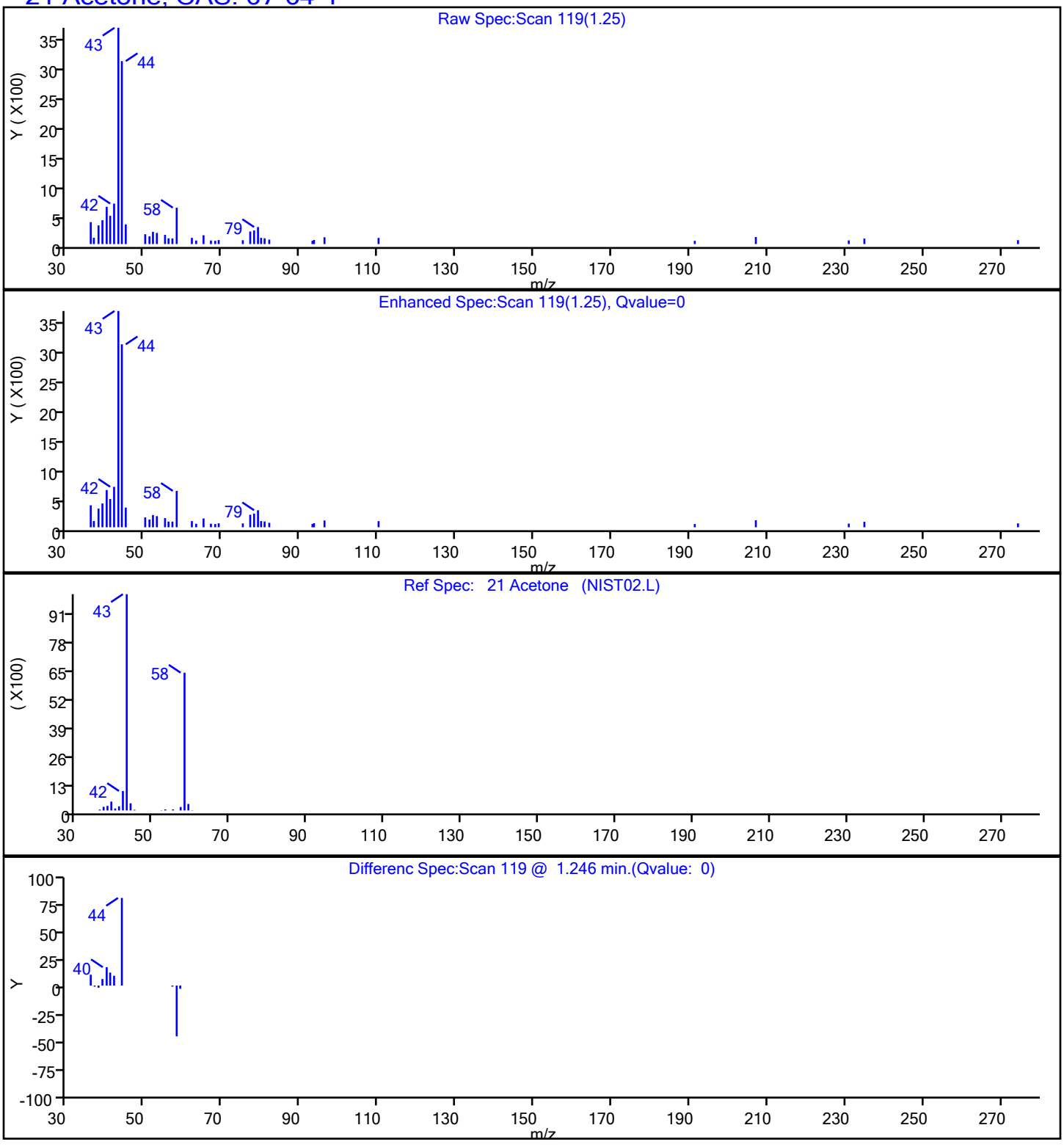
Column: DB-624 (0.18 mm)



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85749.D				
Injection Date:	14-Apr-2022 22:45:30	Instrument ID:	CVOAMS2		
Lims ID:	460-256171-A-9-B	Lab Sample ID:	460-256171-9		
Client ID:	CC-16				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

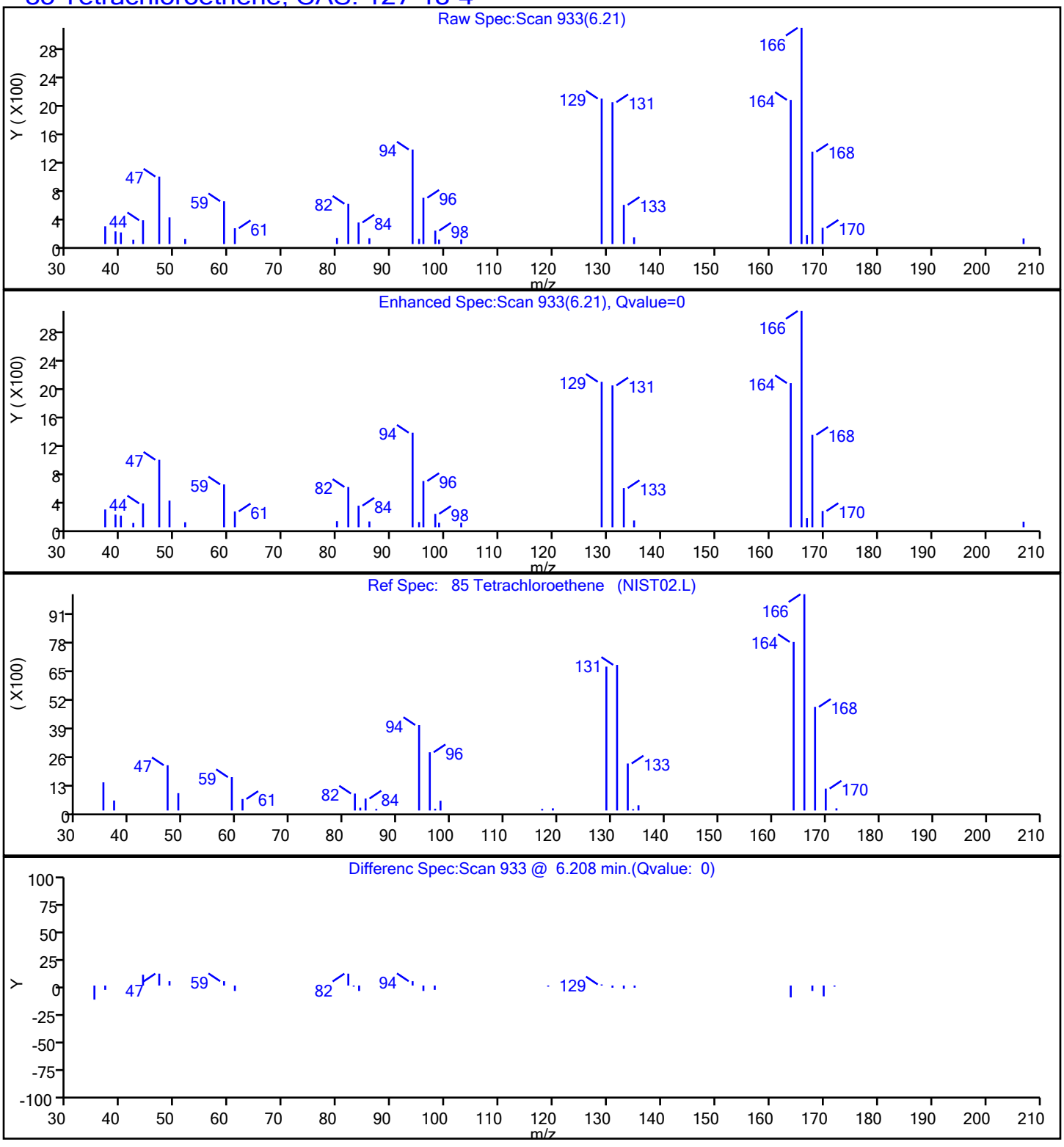
21 Acetone, CAS: 67-64-1



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85749.D
Injection Date: 14-Apr-2022 22:45:30 Instrument ID: CVOAMS2
Lims ID: 460-256171-A-9-B Lab Sample ID: 460-256171-9
Client ID: CC-16
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

85 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: CC-DUP-01 | Lab Sample ID: 460-256171-10

Matrix: Solid | Lab File ID: B85750.D

Analysis Method: 8260D | Date Collected: 04/11/2022 00:00

Sample wt/vol: 4.15(g) | Date Analyzed: 04/14/2022 23:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.1 | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.29	U	1.3	0.29
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	1.3	0.27
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.38	U	1.3	0.38
79-00-5	1,1,2-Trichloroethane	0.22	U	1.3	0.22
75-34-3	1,1-Dichloroethane	0.26	U	1.3	0.26
75-35-4	1,1-Dichloroethene	0.28	U	1.3	0.28
87-61-6	1,2,3-Trichlorobenzene	0.23	U	1.3	0.23
120-82-1	1,2,4-Trichlorobenzene	0.45	U	1.3	0.45
78-87-5	1,2-Dichloropropane	0.53	U	1.3	0.53
541-73-1	1,3-Dichlorobenzene	0.46	U	1.3	0.46
106-46-7	1,4-Dichlorobenzene	0.28	U	1.3	0.28
123-91-1	1,4-Dioxane	12	U	130	12
78-93-3	2-Butanone (MEK)	0.46	U	6.3	0.46
591-78-6	2-Hexanone	2.1	U	6.3	2.1
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0	U	6.3	2.0
67-64-1	Acetone	13	B	7.5	7.2
71-43-2	Benzene	0.32	U	1.3	0.32
75-25-2	Bromoform	0.53	U	1.3	0.53
74-83-9	Bromomethane	1.3	U	2.5	1.3
75-15-0	Carbon disulfide	0.33	U	1.3	0.33
56-23-5	Carbon tetrachloride	0.49	U	1.3	0.49
108-90-7	Chlorobenzene	0.22	U	1.3	0.22
74-97-5	Chlorobromomethane	0.35	U	1.3	0.35
124-48-1	Chlorodibromomethane	0.24	U	1.3	0.24
75-00-3	Chloroethane	0.66	U	1.3	0.66
67-66-3	Chloroform	1.2	U	1.3	1.2
74-87-3	Chloromethane	0.55	U	1.3	0.55
156-59-2	cis-1,2-Dichloroethene	0.45	U	1.3	0.45
10061-01-5	cis-1,3-Dichloropropene	0.34	U	1.3	0.34
110-82-7	Cyclohexane	0.28	U	1.3	0.28
75-27-4	Dichlorobromomethane	0.32	U	1.3	0.32
75-71-8	Dichlorodifluoromethane	0.42	U	1.3	0.42
100-41-4	Ethylbenzene	0.25	U	1.3	0.25
106-93-4	Ethylene Dibromide	0.23	U	1.3	0.23
98-82-8	Isopropylbenzene	0.36	U	1.3	0.36
79-20-9	Methyl acetate	5.4	U	6.3	5.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: CC-DUP-01 | Lab Sample ID: 460-256171-10

Matrix: Solid | Lab File ID: B85750.D

Analysis Method: 8260D | Date Collected: 04/11/2022 00:00

Sample wt/vol: 4.15(g) | Date Analyzed: 04/14/2022 23:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.1 | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	0.64	U	1.3	0.64
108-87-2	Methylcyclohexane	0.63	U	1.3	0.63
75-09-2	Methylene Chloride	1.4	U	2.5	1.4
179601-23-1	m-Xylene & p-Xylene	0.22	U	1.3	0.22
95-47-6	o-Xylene	0.24	U	1.3	0.24
100-42-5	Styrene	0.35	U	1.3	0.35
127-18-4	Tetrachloroethene	2.8		1.3	0.38
108-88-3	Toluene	0.29	U	1.3	0.29
156-60-5	trans-1,2-Dichloroethene	0.31	U	1.3	0.31
10061-02-6	trans-1,3-Dichloropropene	0.33	U	1.3	0.33
79-01-6	Trichloroethene	0.40	U	1.3	0.40
75-69-4	Trichlorofluoromethane	0.51	U	1.3	0.51
75-01-4	Vinyl chloride	0.69	U	1.3	0.69
107-06-2	1,2-Dichloroethane	0.37	U	1.3	0.37
95-50-1	1,2-Dichlorobenzene	0.45	U	1.3	0.45
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	1.3	0.58

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		72-145
460-00-4	4-Bromofluorobenzene	97		75-139
1868-53-7	Dibromofluoromethane (Surr)	68	S1-	73-139
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85750.D
Lims ID: 460-256171-A-10-B
Client ID: CC-DUP-01
Sample Type: Client
Inject. Date: 14-Apr-2022 23:08:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-256171-A-10-B
Misc. Info.: 460-0144034-020
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Apr-2022 05:52:39 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: tupayachia Date: 15-Apr-2022 05:52:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.246	1.258	-0.012	83	7989	10.4	
* 29 TBA-d9 (IS)	65	1.550	1.544	0.006	0	351773	1000.0	
* 40 2-Butanone-d5	46	2.276	2.282	-0.006	0	286260	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.690	2.691	-0.001	95	74663	34.1	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	145237	56.0	
* 60 Fluorobenzene	96	3.318	3.312	0.006	97	444308	50.0	
* 69 1,4-Dioxane-d8	96	4.123	4.129	-0.006	0	10545	1000.0	
$ 79 Toluene-d8 (Surr)	98	5.287	5.282	0.005	97	392750	49.1	
85 Tetrachloroethene	166	6.208	6.202	0.006	90	3928	2.21	
* 91 Chlorobenzene-d5	117	7.647	7.641	0.006	91	276003	50.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	86	85115	48.4	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	97	124883	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00227 Amount Added: 1.00 Units: uL Run Reagent

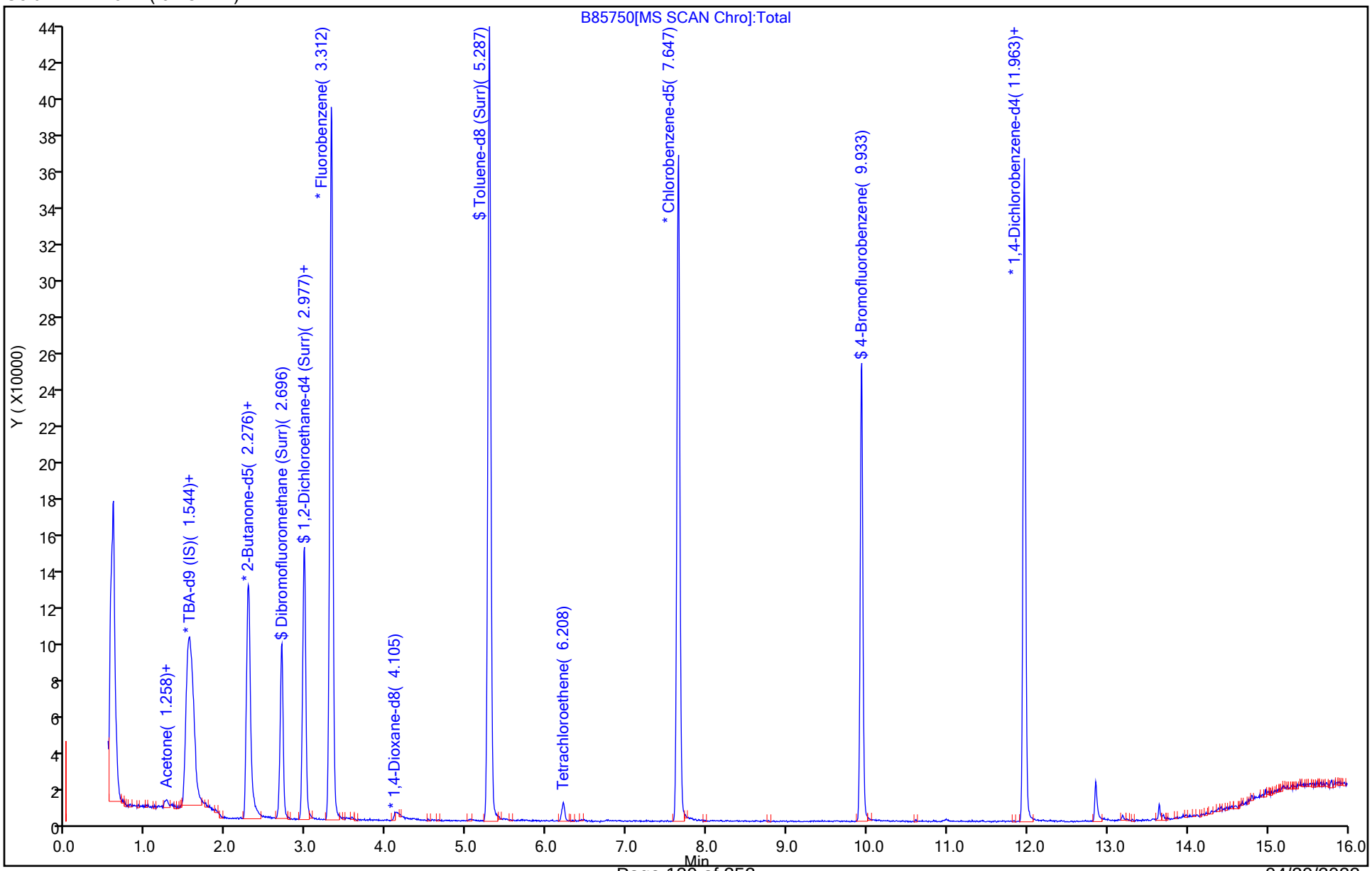
Report Date: 15-Apr-2022 05:52:39 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85750.D

Injection Date:	14-Apr-2022 23:08:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-256171-A-10-B	Lab Sample ID:	460-256171-10	Worklist Smp#:	20
Client ID:	CC-DUP-01				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

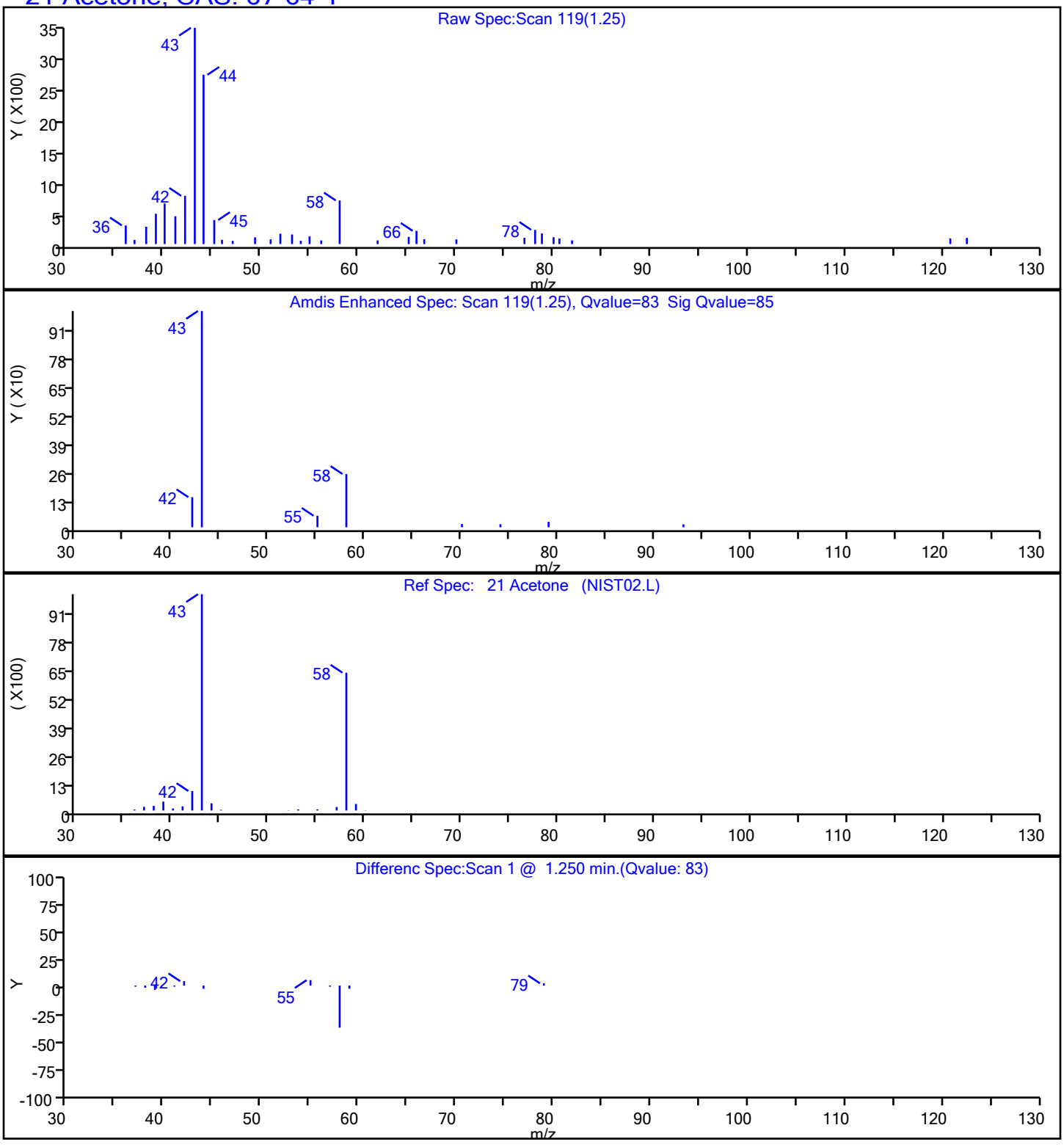
Column: DB-624 (0.18 mm)



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85750.D		
Injection Date:	14-Apr-2022 23:08:30	Instrument ID:	CVOAMS2
Lims ID:	460-256171-A-10-B	Lab Sample ID:	460-256171-10
Client ID:	CC-DUP-01		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

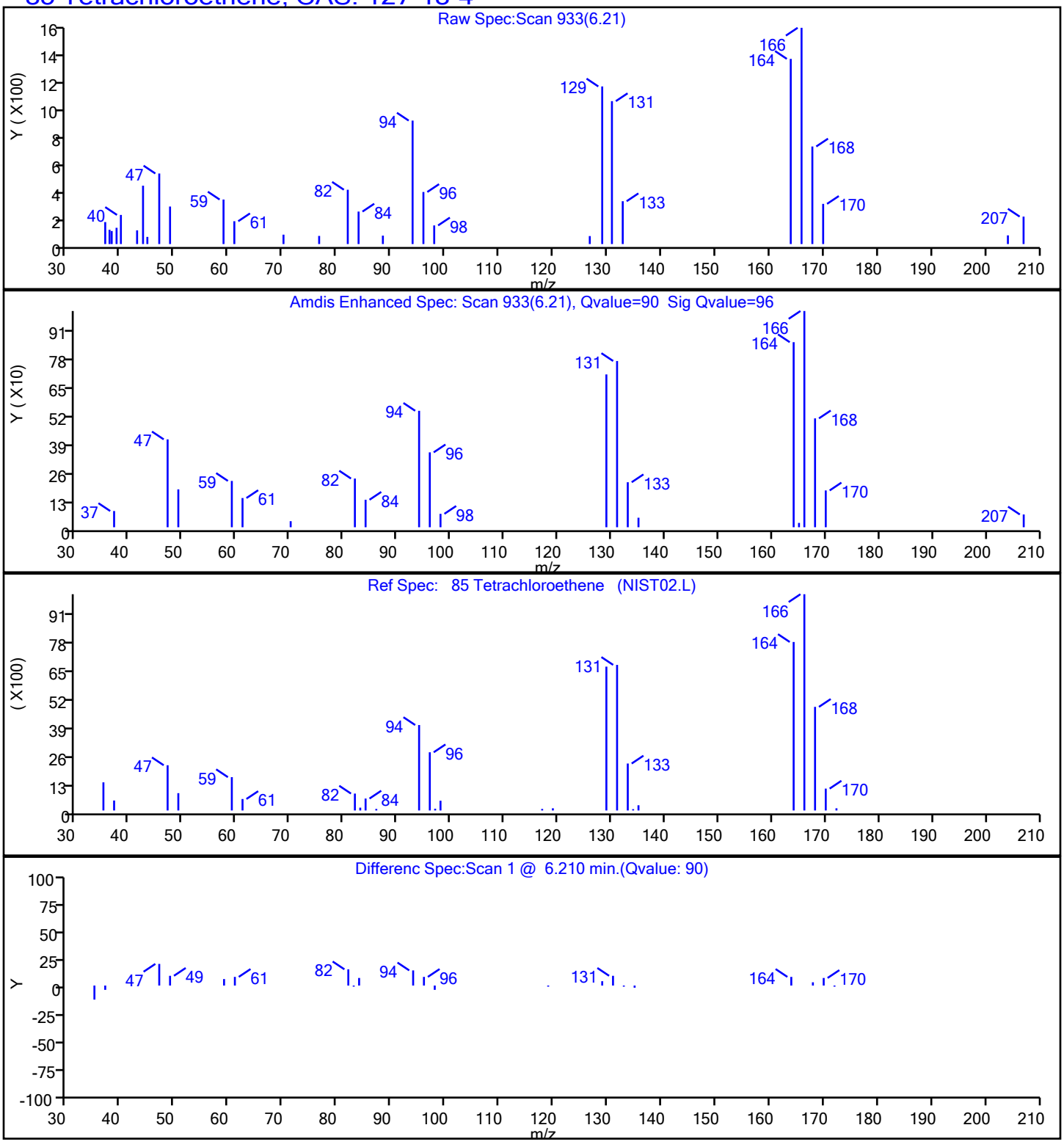
21 Acetone, CAS: 67-64-1



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85750.D		
Injection Date:	14-Apr-2022 23:08:30	Instrument ID:	CVOAMS2
Lims ID:	460-256171-A-10-B	Lab Sample ID:	460-256171-10
Client ID:	CC-DUP-01		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

85 Tetrachloroethene, CAS: 127-18-4



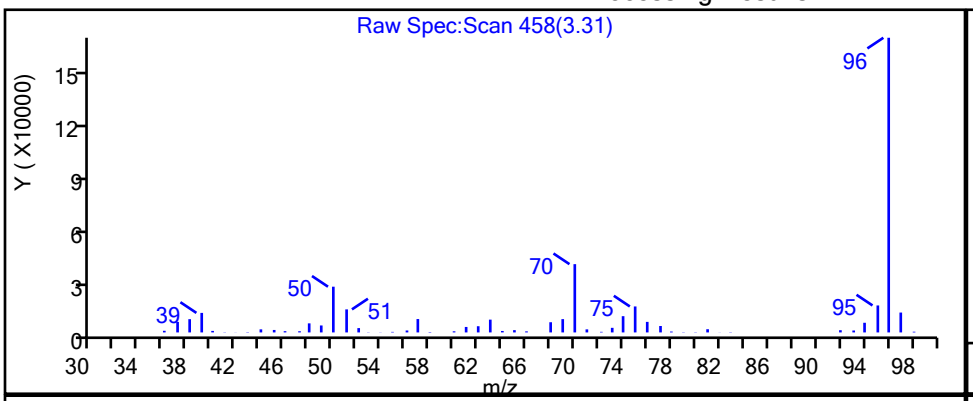
User Disabled Compound Report

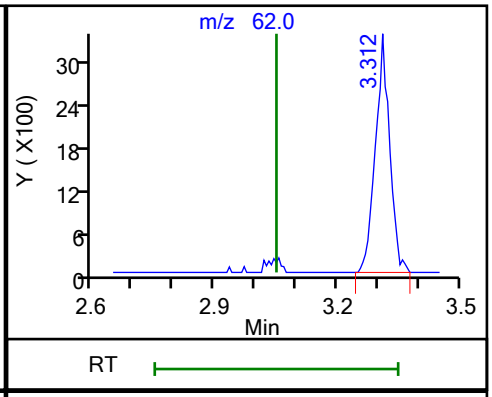
Eurofins Edison

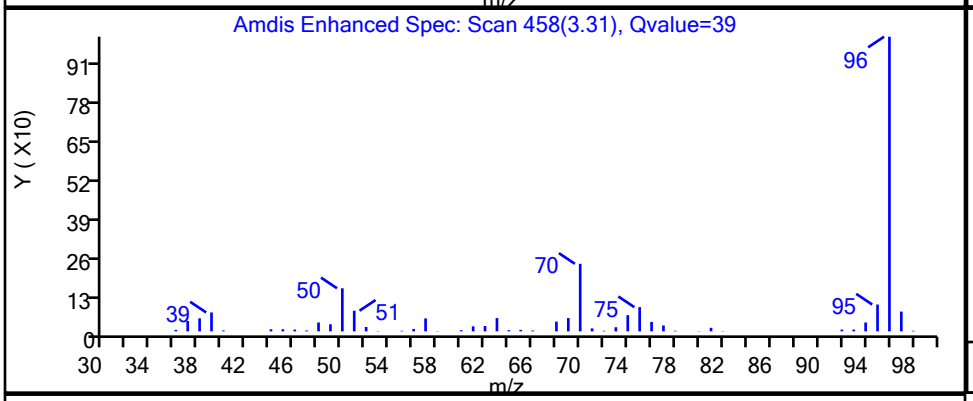
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85750.D				
Injection Date:	14-Apr-2022 23:08:30	Instrument ID:	CVOAMS2		
Lims ID:	460-256171-A-10-B	Lab Sample ID:	460-256171-10		
Client ID:	CC-DUP-01				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

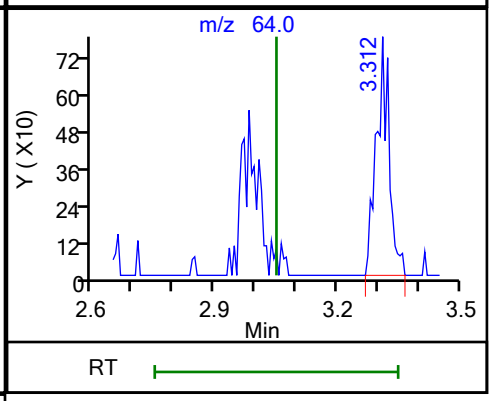
57 1,2-Dichloroethane, CAS: 107-06-2

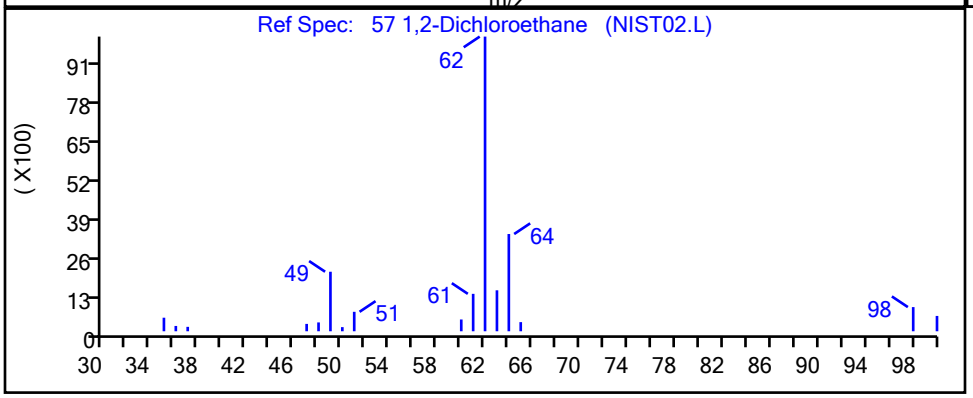
Processing Results











RT	Mass	Response	Amount
3.31	62.00	8249	2.822624
3.31	64.00	1698	

Reviewer: tupayachia, 15-Apr-2022 05:52:28

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-256171-11

Matrix: Water | Lab File ID: N48075.D

Analysis Method: 8260D | Date Collected: 04/11/2022 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 04/14/2022 12:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 839065 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-256171-11

Matrix: Water | Lab File ID: N48075.D

Analysis Method: 8260D | Date Collected: 04/11/2022 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 04/14/2022 12:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 839065 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-128
460-00-4	4-Bromofluorobenzene	88		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220414-144005.b\N48075.D
Lims ID: 460-256171-A-11
Client ID: Trip Blank
Sample Type: Client
Inject. Date: 14-Apr-2022 12:44:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-256171-A-11
Misc. Info.: 460-0144005-017
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220414-144005.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2022 13:10:04 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1618

First Level Reviewer: moroneyc Date: 14-Apr-2022 13:10:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.898	2.898	0.000	0	44237	1000.0	
* 43 2-Butanone-d5	46	3.914	3.914	0.000	0	208879	250.0	
$ 56 Dibromofluoromethane (Surr)	113	4.376	4.370	0.006	0	181573	52.2	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.711	4.711	0.000	0	161086	50.3	
* 67 Fluorobenzene	96	4.979	4.973	0.006	0	583490	50.0	
* 73 1,4-Dioxane-d8	96	5.654	5.648	0.006	0	33144	1000.0	
$ 84 Toluene-d8 (Surr)	98	6.603	6.603	0.000	0	592799	47.7	
* 95 Chlorobenzene-d5	117	8.361	8.361	0.000	0	499971	50.0	
$ 106 4-Bromofluorobenzene	174	9.839	9.833	0.006	0	159483	44.0	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	0	266634	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00226 Amount Added: 1.00 Units: uL Run Reagent

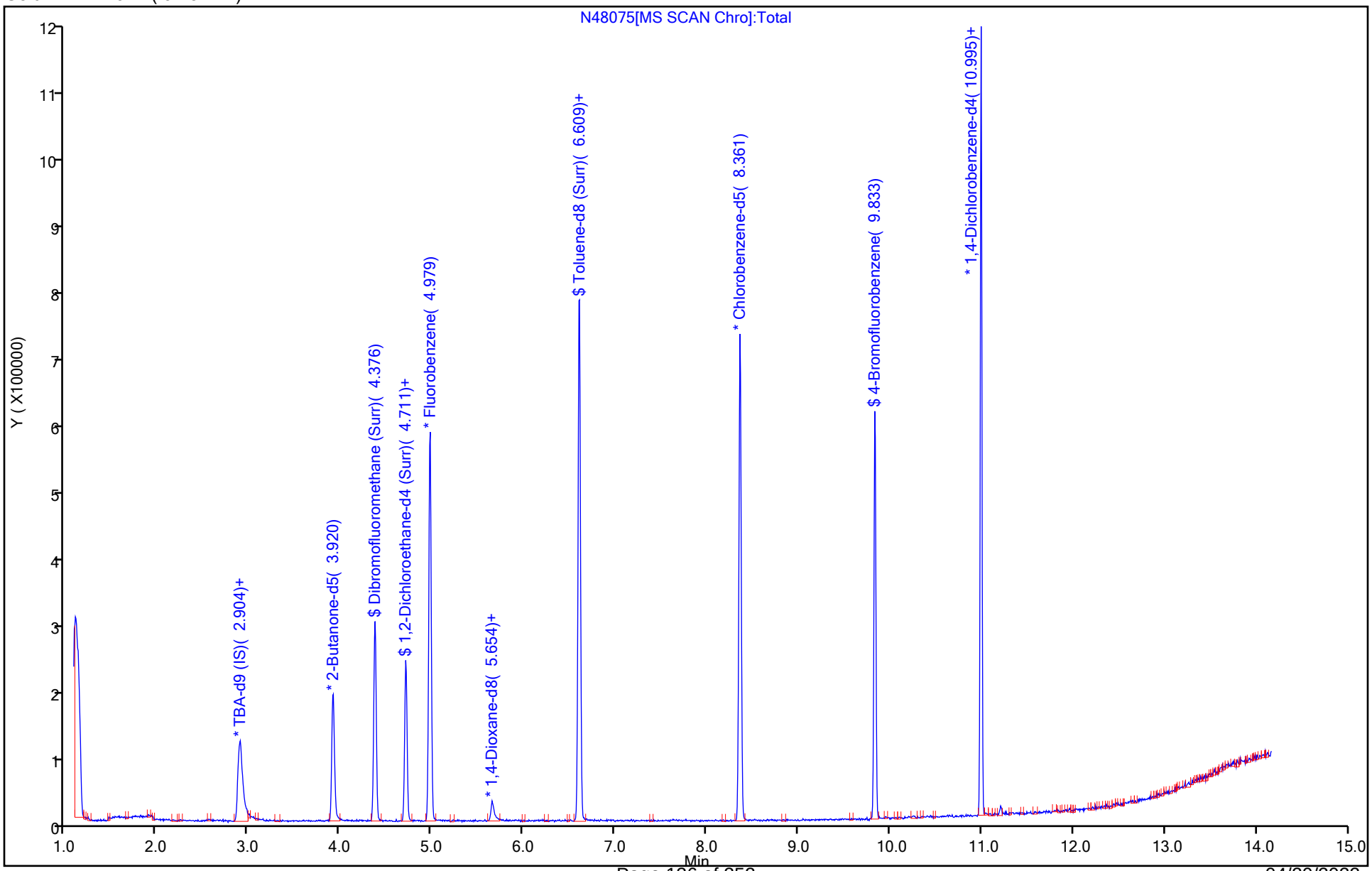
Report Date: 14-Apr-2022 13:10:04 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220414-144005.b\N48075.D

Injection Date:	14-Apr-2022 12:44:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	460-256171-A-11	Lab Sample ID:	460-256171-11	Worklist Smp#:	17
Client ID:	Trip Blank				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



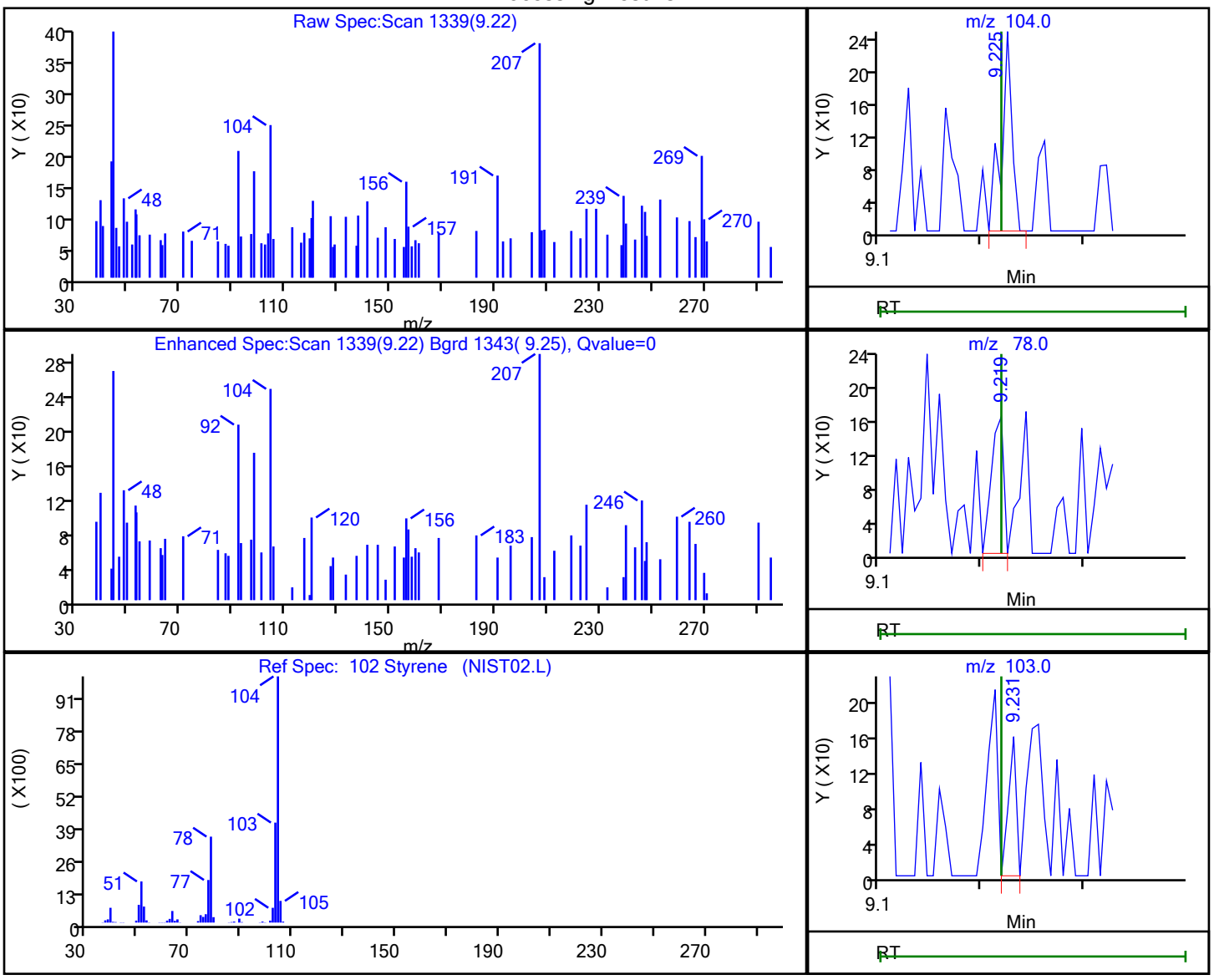
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS11\20220414-144005.b\N48075.D				
Injection Date:	14-Apr-2022 12:44:30	Instrument ID:	CVOAMS11		
Lims ID:	460-256171-A-11	Lab Sample ID:	460-256171-11		
Client ID:	Trip Blank				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

102 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
9.22	104.00	180	0.452503
9.22	78.00	137	
9.23	103.00	84	

Reviewer: moroneyc, 14-Apr-2022 13:09:47

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-836508/3	N47427.D
Level 2	STD1 460-836508/4	N47428.D
Level 3	STD5 460-836508/5	N47429.D
Level 4	STD20 460-836508/6	N47430.D
Level 5	STD50 460-836508/7	N47431.D
Level 6	STD200 460-836508/8	N47432.D
Level 7	STD500 460-836508/9	N47433.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.1176	0.1122 0.1397	0.1237	0.1233	0.1313	Ave		0.1246				7.8		20.0			
Dichlorodifluoromethane	+++++ 0.3736	0.3454 0.4534	0.3293	0.3705	0.3867	Ave		0.3765			0.1000	11.4		20.0			
Chlorodifluoromethane	+++++ 0.2819	0.2845 0.3289	0.2726	0.2800	0.3102	Ave		0.2930				7.4		20.0			
Chloromethane	+++++ 0.9133	1.1100 1.1500	0.9419	0.8345	1.0235	Ave		0.9955			0.1000	12.2		20.0			
Vinyl chloride	+++++ 0.2924	0.3571 0.3334	0.2873	0.3082	0.3093	Ave		0.3146			0.1000	8.4		20.0			
Butadiene	0.0576 0.1875	0.1795 0.2280	0.1672	0.1997	0.1921	Lin2	-0.0355	0.1993							0.9910		0.9900
Bromomethane	+++++ 0.2324	0.2511 0.2518	0.2228	0.2545	0.2475	Ave		0.2434			0.1000	5.2		20.0			
Chloroethane	+++++ 0.1522	0.2095 0.1718	0.1330	0.1672	0.1635	Ave		0.1662			0.1000	15.3		20.0			
Dichlorofluoromethane	+++++ 0.4592	0.4935 0.5113	0.4545	0.5171	0.5135	Ave		0.4915				5.7		20.0			
Trichlorofluoromethane	+++++ 0.3996	0.4027 0.4498	0.4129	0.4376	0.4644	Ave		0.4278			0.1000	6.2		20.0			
Pentane	+++++ 6.6338	7.3981 7.4951	8.0455	8.2322	7.9237	Ave		7.6214				7.6		20.0			
Ethanol	+++++ 0.2653	0.4469 0.2708	0.2620	0.2451	0.2704	Lin2	7.4774	0.2536							0.9940		0.9900
Ethyl ether	+++++ 0.1316	0.1766 0.1452	0.1469	0.1559	0.1459	Ave		0.1504				10.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	+++++ 0.1399	0.1546 0.1556	0.1448	0.1660	0.1649	Ave		0.1543				6.8		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2540	0.2244 0.2866	0.2730	0.2894	0.2993	Ave		0.2711				10.2		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.3356	0.3807 0.3844	0.3477	0.3250	0.3691	Ave		0.3571				6.9		20.0			
Acrolein	+++++ 6.6669	6.9610 7.0335	6.1476	7.7201	7.1098	Ave		6.9398				7.5		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.1485	0.2061 0.1845	0.1964	0.2207	0.2177	Ave		0.1957			0.1000	13.7		20.0			
1,1-Dichloroethene	+++++ 0.2462	0.2831 0.2875	0.2485	0.3029	0.2859	Ave		0.2757			0.1000	8.3		20.0			
Acetone	+++++ 0.2622	0.3038 0.2957	0.3093	0.2677	0.2952	Ave		0.2890			0.0500	6.7		20.0			
Iodomethane	+++++ 0.5225	0.5629 0.5793	0.5769	0.6218	0.6240	Ave		0.5812				6.6		20.0			
Isopropyl alcohol	+++++ 3.1829	4.0653 3.1895	3.9938	3.2148	3.1755	Ave		3.4703				12.5		20.0			
Carbon disulfide	+++++ 0.7895	0.9158 0.9013	0.8381	0.9240	0.9035	Ave		0.8787			0.1000	6.1		20.0			
3-Chloro-1-propene	+++++ 0.2137	0.1349 +++++	0.1899	0.2283	0.1963	Ave		0.1926				18.5		20.0			
Methyl acetate	+++++ 12.313	14.529 12.126	13.179	13.832	12.742	Ave		13.120			0.1000	7.1		20.0			
Cyclopentene	+++++ 0.5359	0.4955 0.5417	0.4760	0.5649	0.5544	Ave		0.5280				6.6		20.0			
Acetonitrile	+++++ 9.0330	7.1215 7.2099	7.9693	7.7298	7.0023	Ave		7.6777				9.9		20.0			
Methylene Chloride	+++++ 0.3114	0.3276 0.3117	0.2897	0.3504	0.3190	Ave		0.3183			0.1000	6.3		20.0			
2-Methyl-2-propanol	+++++ 6.5451	8.2737 6.2391	6.6463	7.4511	6.3898	Ave		6.9242				11.3		20.0			
Methyl tert-butyl ether	+++++ 0.6461	0.6655 0.6425	0.6341	0.7709	0.6707	Ave		0.6716			0.1000	7.5		20.0			
trans-1,2-Dichloroethene	+++++ 0.2995	0.3643 0.3076	0.2958	0.3555	0.3169	Ave		0.3233			0.1000	9.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrylonitrile	25.252 25.576	24.275 22.861	24.670	28.354	23.337	Ave		24.903				7.3		20.0			
Hexane	+++++ 0.0774	0.0786 0.0771	0.0766	0.0991	0.0811	Ave		0.0816				10.6		20.0			
Isopropyl ether	+++++ 0.6679	0.6648 0.6006	0.5402	0.7197	0.5771	Ave		0.6284				10.7		20.0			
1,1-Dichloroethane	+++++ 0.4531	0.4370 0.4459	0.4178	0.5255	0.4376	Ave		0.4528			0.2000	8.3		20.0			
Vinyl acetate	+++++ 0.6913	0.6974 0.7662	0.6977	0.7569	0.7744	Ave		0.7306				5.3		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2603	0.2613 0.2683	0.2147	0.2804	0.2589	Ave		0.2573				8.7		20.0			
Tert-butyl ethyl ether	+++++ 0.6290	0.6455 0.5816	0.5458	0.7304	0.5996	Ave		0.6220				10.2		20.0			
2,2-Dichloropropane	+++++ 0.1082	0.1448 0.1064	0.1098	0.1262	0.1187	Ave		0.1190				12.3		20.0			
cis-1,2-Dichloroethene	+++++ 0.3286	0.3520 0.3376	0.3279	0.4026	0.3414	Ave		0.3484			0.1000	8.0		20.0			
2-Butanone (MEK)	+++++ 0.3861	0.4908 0.4161	0.4336	0.4297	0.4195	Ave		0.4293			0.0500	8.0		20.0			
Ethyl acetate	+++++ 0.3326	0.4527 0.3607	0.3683	0.3590	0.3704	Ave		0.3740				10.9		20.0			
Methyl acrylate	+++++ 0.2110	0.1832 0.2091	0.1648	0.2288	0.1900	Ave		0.1978				11.6		20.0			
Propionitrile	+++++ 10.085	9.3749 9.2382	9.8168	10.846	8.8189	Ave		9.6967				7.4		20.0			
Tetrahydrofuran	+++++ 0.4048	0.4781 0.4455	0.4963	0.4638	0.4678	Ave		0.4594				6.9		20.0			
Chlorobromomethane	+++++ 0.1852	0.2161 0.1897	0.1972	0.2235	0.2027	Ave		0.2024				7.4		20.0			
Methacrylonitrile	+++++ 0.1176	0.0970 0.1150	0.1029	0.1278	0.1087	Ave		0.1115				9.9		20.0			
Chloroform	+++++ 0.4843	0.4889 0.4894	0.4962	0.5754	0.5047	Ave		0.5065			0.2000	6.8		20.0			
Cyclohexane	+++++ 0.2776	0.2747 0.2869	0.3207	0.3382	0.3014	Ave		0.2999			0.1000	8.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.3929	0.4281 0.3949	0.4380	0.4722	0.4213	Ave		0.4245			0.1000	6.9		20.0			
Carbon tetrachloride	+++++ 0.3583	0.3372 0.3792	0.3791	0.4090	0.3820	Ave		0.3741			0.1000	6.5		20.0			
1,1-Dichloropropene	+++++ 0.3528	0.3286 0.3610	0.3410	0.3877	0.3479	Ave		0.3532				5.7		20.0			
Isobutyl alcohol	+++++ 2.8059	3.3570 2.5912	3.2713	2.9240	2.3246	Ave		2.8790				13.7		20.0			
Isooctane	+++++ 0.2167	0.2074 0.2150	0.2797	0.2901	0.2275	Ave		0.2394				15.0		20.0			
Benzene	+++++ 1.3880	1.2898 1.3088	1.3212	1.4937	1.2194	Ave		1.3368			0.5000	7.0		20.0			
Isopropyl acetate	+++++ 0.5999	0.5028 0.5549	0.5148	0.6023	0.5212	Ave		0.5493				8.0		20.0			
Tert-amyl methyl ether	+++++ 0.7304	0.6796 0.6776	0.7392	0.8199	0.7219	Ave		0.7281				7.1		20.0			
1,2-Dichloroethane	+++++ 0.3331	0.3942 0.3442	0.3451	0.3849	0.3431	Ave		0.3574			0.1000	7.1		20.0			
n-Heptane	+++++ 0.0669	0.0664 0.0716	0.0626	0.0768	0.0642	Ave		0.0681				7.7		20.0			
n-Butanol	+++++ 1.8838	2.3975 1.8388	1.5495	1.5211	1.4271	QuaF		1.8389	0.0000002						0.9990		0.9900
Trichloroethene	+++++ 0.2810	0.3117 0.2977	0.2879	0.3241	0.2915	Ave		0.2990			0.2000	5.4		20.0			
Methylcyclohexane	+++++ 0.2367	0.2258 0.2375	0.2486	0.2819	0.2602	Ave		0.2485			0.1000	8.1		20.0			
Ethyl acrylate	+++++ 0.0390	0.0467 0.0417	0.0363	0.0420	0.0384	Ave		0.0407				9.0		20.0			
1,2-Dichloropropane	+++++ 0.2526	0.2300 0.2477	0.2455	0.2584	0.2325	Ave		0.2444			0.1000	4.6		20.0			
Methyl methacrylate	+++++ 0.0828	0.0834 0.0887	0.0718	0.0796	0.0801	Ave		0.0811				6.9		20.0			
1,4-Dioxane	+++++ 1.1997	2.0979 1.3492	1.5465	1.2008	1.2421	Lin2	26.150	1.2337							0.9960		0.9900
Dibromomethane	+++++ 0.1894	0.2052 0.1951	0.2003	0.2125	0.1926	Ave		0.1992				4.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	+++++ 0.3156	0.3273 0.2975	0.2792	0.2935	0.2565	Ave		0.2949				8.6		20.0			
Dichlorobromomethane	+++++ 0.3634	0.3615 0.3816	0.3560	0.3858	0.3598	Ave		0.3680			0.2000	3.4		20.0			
2-Nitropropane	+++++ 15.745	19.017 16.347	14.704	13.420	13.794	Ave		15.504				13.2		20.0			
2-Chloroethyl vinyl ether	+++++ 0.1320	0.1017 0.1326	0.0936	0.1144	0.1123	Ave		0.1144				13.8		20.0			
Epichlorohydrin	0.3013 0.2601	0.2187 0.3047	0.3144	0.2693	0.2973	Ave		0.2808				12.0		20.0			
cis-1,3-Dichloropropene	+++++ 0.5438	0.4638 0.5487	0.5071	0.5282	0.4879	Ave		0.5133			0.2000	6.5		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 2.1985	1.8270 2.5471	2.5419	2.3861	2.4818	Ave		2.3304			0.0500	12.0		20.0			
Toluene	+++++ 1.4133	1.4549 1.4625	1.4043	1.4732	1.3600	Ave		1.4280			0.4000	3.0		20.0			
trans-1,3-Dichloropropene	+++++ 0.4878	0.3931 0.5004	0.4142	0.5091	0.4418	Ave		0.4577			0.1000	10.6		20.0			
Ethyl methacrylate	+++++ 0.3102	0.1758 0.3390	0.2286	0.2969	0.2913	Lin2	-0.136	0.3026							0.9910		0.9900
1,1,2-Trichloroethane	+++++ 0.2434	0.2346 0.2583	0.2727	0.2919	0.2473	Ave		0.2581			0.1000	8.2		20.0			
Tetrachloroethene	+++++ 0.3130	0.2992 0.3281	0.3361	0.3757	0.3262	Ave		0.3297			0.2000	7.9		20.0			
1,3-Dichloropropane	+++++ 0.4614	0.4239 0.4970	0.4882	0.5362	0.4548	Ave		0.4769				8.2		20.0			
2-Hexanone	+++++ 0.8810	0.6047 1.1013	0.9946	1.0395	1.0806	Lin2	-2.138	1.0413			0.0500				0.9930		0.9900
n-Butyl acetate	+++++ 0.3512	0.2911 0.3719	0.3241	0.3950	0.3210	Ave		0.3424				11.0		20.0			
Chlorodibromomethane	+++++ 0.3662	0.3489 0.3927	0.3539	0.4035	0.3675	Ave		0.3721			0.1000	5.8		20.0			
Ethylene Dibromide	+++++ 0.3368	0.3145 0.3577	0.3360	0.3812	0.3452	Ave		0.3452			0.1000	6.5		20.0			
Chlorobenzene	+++++ 0.9602	0.9152 1.0244	0.9798	1.0844	0.9862	Ave		0.9917			0.5000	5.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	+++++ 0.4826	0.4229 0.5152	0.4319	0.5357	0.4966	Ave		0.4808			0.1000	9.4		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3821	0.3765 0.4014	0.3718	0.4154	0.3986	Ave		0.3910				4.3		20.0			
m-Xylene & p-Xylene	+++++ 0.5904	0.4463 0.6202	0.5164	0.6460	0.5947	Ave		0.5690			0.1000	13.0		20.0			
n-Butyl acrylate	+++++ 0.2663	0.1708 0.2599	0.1860	0.2317	0.2158	Ave		0.2218				17.4		20.0			
o-Xylene	+++++ 0.6547	0.4785 0.6447	0.5112	0.6584	0.6258	Ave		0.5956			0.3000	13.3		20.0			
Styrene	+++++ 1.0893	0.6143 1.0935	0.7520	1.0315	0.9993	Lin2	-0.446	1.0249			0.3000				0.9900		0.9900
Amyl acetate (mixed isomers)	+++++ 0.8878	0.5574 0.8197	0.6422	0.7887	0.6567	Ave		0.7254				17.3		20.0			
Bromoform	+++++ 0.4384	0.3782 0.4536	0.3906	0.4614	0.4095	Ave		0.4220			0.1000	8.1		20.0			
Isopropylbenzene	+++++ 1.4839	1.0893 1.4481	1.1797	1.4757	1.3858	Ave		1.3438			0.1000	12.5		20.0			
Bromobenzene	+++++ 0.7481	0.7484 0.7702	0.7489	0.7963	0.7176	Ave		0.7549				3.5		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.8320	0.7345 0.8085	0.7990	0.7860	0.7151	Ave		0.7792			0.3000	5.8		20.0			
N-Propylbenzene	+++++ 2.6798	2.0013 2.6518	2.2188	2.5171	2.3640	Ave		2.4055				11.0		20.0			
1,2,3-Trichloropropane	+++++ 0.2556	0.2354 0.2532	0.2666	0.2578	0.2329	Ave		0.2503				5.3		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1839	0.1136 0.1838	0.1299	0.1463	0.1438	Ave		0.1502				19.0		20.0			
2-Chlorotoluene	+++++ 2.0960	1.7198 2.1024	1.7788	2.0627	1.8681	Ave		1.9380				8.8		20.0			
4-Ethyltoluene	+++++ 2.4643	1.7951 2.4674	1.9351	2.3637	2.1931	Ave		2.2031				12.9		20.0			
1,3,5-Trimethylbenzene	+++++ 2.0720	1.3783 2.1132	1.6070	1.9964	1.9081	Ave		1.8458				15.8		20.0			
4-Chlorotoluene	+++++ 1.9107	1.4815 1.9412	1.6897	2.0178	1.8187	Ave		1.8099				10.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 0.8271	0.2478 0.8857	0.3364	0.4569	0.6228	QuaF		0.7557	0.0002621						0.9990		0.9900
tert-Butylbenzene	+++++ 1.5586	1.1622 1.6272	1.1734	1.4490	1.4660	Ave		1.4061				13.9		20.0			
1,2,4-Trimethylbenzene	+++++ 2.2029	1.4890 2.2459	1.6770	2.1468	2.0914	Ave		1.9755				15.9		20.0			
sec-Butylbenzene	+++++ 2.0923	1.4400 2.1488	1.6703	2.0930	1.9983	Ave		1.9071				15.0		20.0			
1,3-Dichlorobenzene	+++++ 1.2934	1.2389 1.3297	1.2795	1.4348	1.3038	Ave		1.3133			0.6000	5.1		20.0			
4-Isopropyltoluene	+++++ 1.8648	1.2657 1.9252	1.3769	1.8049	1.7691	Ave		1.6678				16.5		20.0			
1,4-Dichlorobenzene	+++++ 1.3416	1.3752 1.3931	1.3458	1.5120	1.3560	Ave		1.3873			0.5000	4.6		20.0			
1,2,3-Trimethylbenzene	+++++ 2.6033	1.9110 2.6573	2.0293	2.4492	2.3906	Ave		2.3401				13.0		20.0			
Benzyl chloride	+++++ 0.3932	0.2767 0.4116	0.2774	0.3481	0.3568	Ave		0.3440				16.5		20.0			
Indan	+++++ 2.7208	1.8433 2.7644	2.1527	2.6618	2.5539	Ave		2.4495				15.1		20.0			
p-Diethylbenzene	+++++ 0.9555	0.8039 0.9798	0.7669	0.9557	0.9060	Ave		0.8946				9.9		20.0			
n-Butylbenzene	+++++ 0.8052	0.6511 0.8064	0.6974	0.8380	0.8032	Ave		0.7669				9.7		20.0			
1,2-Dichlorobenzene	+++++ 1.3750	1.1911 1.4228	1.3690	1.5445	1.3896	Ave		1.3820			0.4000	8.2		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 1.8823	1.2184 1.9691	1.3045	1.6982	1.6751	Ave		1.6246				18.7		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.2070	0.2138 0.2192	0.1935	0.2114	0.2012	Ave		0.2077			0.0500	4.4		20.0			
1,3,5-Trichlorobenzene	+++++ 0.6835	0.6327 0.6828	0.6508	0.7355	0.6633	Ave		0.6748				5.3		20.0			
1,2,4-Trichlorobenzene	+++++ 0.6383	0.5708 0.6492	0.5870	0.6984	0.6398	Ave		0.6306			0.2000	7.3		20.0			
Hexachlorobutadiene	+++++ 0.1610	0.1832 0.1656	0.1475	0.1812	0.1680	Ave		0.1677				7.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 2.3858	1.7443 2.4449	1.8219	2.2812	2.2871	Ave		2.1609				13.9		20.0			
1,2,3-Trichlorobenzene	+++++ 0.5381	0.4578 0.5435	0.4977	0.5620	0.5517	Ave		0.5251				7.5		20.0			
Dibromofluoromethane (Surr)	0.2946 0.2817	0.3072 0.2955	0.2983	0.3204	0.2871	Ave		0.2978				4.3		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2640 0.2642	0.2785 0.2952	0.2659	0.2918	0.2620	Ave		0.2745				5.1		20.0			
Toluene-d8 (Surr)	1.1738 1.2500	1.2534 1.3081	1.2214	1.3253	1.1686	Ave		1.2430				4.9		20.0			
4-Bromofluorobenzene	0.3510 0.3689	0.3579 0.3784	0.3521	0.3860	0.3429	Ave		0.3625				4.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-836508/3	N47427.D
Level 2	STD1 460-836508/4	N47428.D
Level 3	STD5 460-836508/5	N47429.D
Level 4	STD20 460-836508/6	N47430.D
Level 5	STD50 460-836508/7	N47431.D
Level 6	STD200 460-836508/8	N47432.D
Level 7	STD500 460-836508/9	N47433.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 332743	1275 925311	7405	28660	75927	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 1057208	3924 3003168	19715	86080	223608	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	+++++ 797856	3232 2178484	16319	65052	179364	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	BUT	Ave	+++++ 231344	1134 635061	4184	17335	45426	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 827373	4057 2208211	17196	71607	178818	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Lin2	155 530532	2039 1510208	10010	46411	111054	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 657610	2853 1668111	13339	59128	143110	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 430652	2380 1137915	7959	38853	94557	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1299490	5607 3386835	27205	120141	296892	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 1130836	4576 2979251	24715	101674	268535	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBAd 9	Ave	+++++ 136818	610 384222	3166	14220	34098	+++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd 9	Lin2	+++++ 109430	737 277643	2062	8467	23273	+++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	+++++	2007	8794	36230	84365	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			372437	961577				200	500			
2-Methyl-1,3-butadiene	FB	Ave	+++++ 395966	1757 1030797	8668	38560	95358	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 718771	2550 1898778	16342	67238	173050	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 949747	4325 2546227	20815	75517	213419	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd9	Ave	+++++ 69713	1164 146243	4906	13522	31024	+++++ 203	4.06 406	20.3	40.6	101
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 420296	2342 1222018	11759	51288	125868	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	+++++ 696843	3217 1904488	14875	70371	165315	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 332049	1552 816428	6870	27808	65510	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	+++++ 1478816	6396 3837079	34533	144469	360792	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Ave	+++++ 328225	1676 817524	7858	27766	68325	+++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	+++++ 2234351	10405 5970444	50168	214696	522427	+++++ 200	1.00 500	5.00	20.0	50.0
3-Chloro-1-propene	FB	Ave	+++++ 604729	1533 +++++	11367	53056	113521	+++++ 200	1.00 +++++	5.00	20.0	50.0
Methyl acetate	TBAd9	Ave	+++++ 253943	1198 621608	5186	23892	54833	+++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	+++++ 1516540	5630 3588152	28491	131257	320547	+++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBAd9	Ave	+++++ 931498	2936 1848007	15680	66761	150666	+++++ 2000	10.0 5000	50.0	200	500

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Methylene Chloride	FB	Ave	+++++ 881224	3722 2064667	17342	81415	184437	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 674940	3411 1599168	13077	64354	137487	+++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	+++++ 1828406	7562 4255911	37957	179117	387811	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 847670	4139 2037299	17706	82593	183265	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	TBAd9	Ave	1811 2637450	10008 5859490	48539	244890	502124	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	+++++ 219048	893 510767	4587	23021	46879	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	+++++ 1890297	7554 3978457	32339	167227	333702	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 1282347	4965 2953485	25007	122103	253052	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	BUT	Ave	+++++ 350239	1425 846168	6198	31448	68737	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	+++++ 736789	2969 1777016	12855	65160	149688	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	+++++ 1780109	7334 3852278	32674	169722	346709	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 306308	1645 704829	6573	29319	68658	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 930062	4000 2236038	19628	93544	197401	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	+++++ 488955	2507 1148966	9631	44627	93087	+++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	+++++ 168510	925 398398	3272	14915	32879	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 597197	2082 1385327	9868	53165	109834	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd9	Ave	+++++	3865	19315	93678	189751	+++++	10.0	50.0	200	500

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1040021	2367881				2000	5000			
Tetrahydrofuran	BUT	Ave	+++++ 205092	977 491980	4409	19269	41527	+++++ 400	2.00 1000	10.0	40.0	100
Chlorobromomethane	FB	Ave	+++++ 523996	2455 1256706	11802	51928	117192	+++++ 200	1.00 500	5.00	20.0	50.0
Methacrylonitrile	FB	Ave	+++++ 3327249	11022 7616070	61571	297059	628809	+++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	+++++ 1370629	5555 3241545	29703	133686	291811	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 785673	3121 1900197	19199	78586	174252	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 1112003	4864 2615557	26217	109712	243575	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 1014127	3831 2511973	22695	95030	220860	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 998324	3734 2391084	20410	90092	201135	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd9	Ave	+++++ 723365	3460 1660439	16091	63134	125042	+++++ 5000	25.0 12500	125	500	1250
Isooctane	FB	Ave	+++++ 613313	2356 1424026	16742	67413	131529	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZd5	Ave	+++++ 3034017	12055 7290273	63314	282938	608289	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 1697689	5713 3675812	30817	139945	301378	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	+++++ 2067098	7722 4488533	44247	190498	417398	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 942678	4479 2280011	20656	89440	198405	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 189360	754 474334	3749	17834	37122	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd9	QuaF	+++++ 485656	2471 1178306	7622	32844	76763	+++++ 5000	25.0 12500	125	500	1250

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Trichloroethene	FB	Ave	+++++ 795339	3541 1972277	17236	75302	168560	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 669882	2566 1573099	14880	65508	150469	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 110416	531 276059	2171	9754	22189	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 714764	2613 1641085	14693	60034	134456	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 468765	1896 1175124	8597	36997	92680	+++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Lin2	+++++ 184430	2065 469043	4930	16176	40014	+++++ 4000	30.0 10000	100	400	1000
Dibromomethane	FB	Ave	+++++ 535897	2332 1292652	11990	49371	111388	+++++ 200	1.00 500	5.00	20.0	50.0
n-Propyl acetate	FB	Ave	+++++ 893040	3719 1970513	16714	68191	148314	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	+++++ 1028456	4107 2527509	21308	89633	208055	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	TBAd9	Ave	+++++ 324736	1568 837984	5786	23181	59360	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	+++++ 374473	1158 880464	5615	26643	65071	+++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	Ave	1196 1317782	4469 3365413	27932	111888	263919	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 1188724	4335 3056479	24301	100052	243409	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 2784470	9333 7032742	56454	247838	550741	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	+++++ 3089316	13598 8146007	67297	279063	678456	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 1066323	3674 2787331	19849	96438	220376	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Ethyl methacrylate	FB	Lin2	+++++ 877751	1997 2245276	13682	68992	168451	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 532106	2193 1438779	13070	55298	123364	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	+++++ 684228	2796 1827463	16106	71165	162703	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 1008606	3962 2768140	23395	101562	226863	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Lin2	+++++ 1115873	3089 3040845	22090	107965	239787	+++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBNZ d5	Ave	+++++ 767733	2721 2071588	15531	74821	160129	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZ d5	Ave	+++++ 800557	3261 2187439	16958	76431	183311	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	+++++ 736245	2939 1992360	16101	72213	172210	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	+++++ 2098753	8554 5706056	46951	205418	491977	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	+++++ 1054940	3953 2869589	20698	101483	247733	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 835156	3519 2236060	17819	78693	198820	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 1290561	4171 3454768	24748	122362	296653	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	+++++	1596	8914	43899	107647	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			582122	1447568				200	500			
o-Xylene	CBNZ d5	Ave	+++++	4472	24498	124725	312207	+++++	1.00	5.00	20.0	50.0
			1431015	3590822				200	500			
Styrene	CBNZ d5	Lin2	+++++	5741	36039	195400	498514	+++++	1.00	5.00	20.0	50.0
			2381001	6090827				200	500			
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++	2915	17165	83009	194252	+++++	1.00	5.00	20.0	50.0
			1102206	2491686				200	500			
Bromoform	DCBd 4	Ave	+++++	1978	10440	48564	121112	+++++	1.00	5.00	20.0	50.0
			544256	1378801				200	500			
Isopropylbenzene	CBNZ d5	Ave	+++++	10181	56535	279539	691326	+++++	1.00	5.00	20.0	50.0
			3243515	8066149				200	500			
Bromobenzene	DCBd 4	Ave	+++++	3914	20015	83807	212267	+++++	1.00	5.00	20.0	50.0
			928771	2341192				200	500			
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++	3841	21354	82721	211518	+++++	1.00	5.00	20.0	50.0
			1032899	2457757				200	500			
N-Propylbenzene	DCBd 4	Ave	+++++	10466	59303	264913	699239	+++++	1.00	5.00	20.0	50.0
			3326898	8060744				200	500			
1,2,3-Trichloropropane	DCBd 4	Ave	+++++	1231	7125	27130	68899	+++++	1.00	5.00	20.0	50.0
			317364	769632				200	500			
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++	594	3473	15401	42540	+++++	1.00	5.00	20.0	50.0
			228286	558843				200	500			
2-Chlorotoluene	DCBd 4	Ave	+++++	8994	47544	217095	552563	+++++	1.00	5.00	20.0	50.0
			2602151	6390645				200	500			
4-Ethyltoluene	DCBd 4	Ave	+++++	9388	51719	248777	648669	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			3059348	7500187				200	500			
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 2572287	7208 6423375	42952	210116	564372	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	+++++ 2372044	7748 5900818	45161	212372	537930	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	QuaF	+++++ 1026858	1296 2692325	8990	48085	184227	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 1934957	6078 4946295	31362	152501	433603	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 2734830	7787 6826850	44821	225944	618606	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 2597546	7531 6531780	44644	220280	591067	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 1605665	6479 4042032	34198	151007	385638	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 2315107	6619 5852006	36802	189959	523280	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 1665503	7192 4234579	35970	159135	401095	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++ 3231871	9994 8077458	54238	257776	707094	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	+++++ 488148	1447 1251167	7414	36641	105548	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	+++++	9640	57536	280147	755389	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			3377735	8402922				200	500			
p-Diethylbenzene	DCBd 4	Ave	+++++ 1186196	4204 2978375	20497	100583	267985	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	+++++ 999661	3405 2451222	18640	88200	237558	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 1706998	6229 4324940	36589	162555	411030	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	+++++ 2336793	6372 5985370	34866	178732	495462	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 257040	1118 666207	5172	22251	59502	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++ 848491	3309 2075384	17394	77412	196201	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 792488	2985 1973314	15688	73500	189252	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 199838	958 503300	3943	19071	49699	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	+++++ 2961826	9122 7431832	48695	240089	676496	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 667973	2394 1652000	13302	59145	163175	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	158531 199303	174547 195747	178564	186123	165995	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	142078 186904	158242 195551	159194	169522	151516	50.0 50.0	50.0 50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 836508

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 00:26 Calibration End Date: 03/31/2022 02:44 Calibration ID: 90160

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Toluene-d8 (Surr)	CBNZ d5	Ave	506891 683097	585750 728616	585325	627600	582942	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	151564 201575	167255 210780	168735	182816	171051	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 31-Mar-2022 00:26:30 ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0143422-003
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Mar-2022 17:58:01 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: boykink Date: 31-Mar-2022 01:34:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
9 Butadiene	54	1.596	1.584	0.012	14	155	0.2500	0.2469	a
* 31 TBA-d9 (IS)	66	2.898	2.904	-0.006	70	35859	1000.0	1000.0	
36 Acrylonitrile	53	3.147	3.153	-0.006	64	1811	2.00	2.03	
* 43 2-Butanone-d5	46	3.914	3.914	0.000	99	198483	250.0	250.0	
$ 56 Dibromofluoromethane (Surr)	113	4.370	4.376	-0.006	96	158531	50.0	49.5	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.711	4.711	0.000	80	142078	50.0	48.1	
* 67 Fluorobenzene	96	4.972	4.979	-0.007	99	538186	50.0	50.0	
* 73 1,4-Dioxane-d8	96	5.660	5.654	0.006	73	29096	1000.0	1000.0	
81 Epichlorohydrin	57	6.311	6.311	0.000	66	1196	5.00	5.36	
$ 84 Toluene-d8 (Surr)	98	6.609	6.609	0.000	99	506891	50.0	47.2	
* 95 Chlorobenzene-d5	117	8.361	8.367	-0.006	81	431824	50.0	50.0	
$ 106 4-Bromofluorobenzene	174	9.839	9.839	0.000	95	151564	50.0	48.4	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	93	244256	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00151	Amount Added:	0.00	Units: uL	
GASES Li_00469	Amount Added:	2.50	Units: uL	
ACROLEIN W_00138	Amount Added:	0.00	Units: uL	
524freon_00050	Amount Added:	0.00	Units: uL	
14DIOXINTER_00139	Amount Added:	0.00	Units: uL	
8FreonHi_00042	Amount Added:	0.00	Units: uL	
Ethanol mix_00062	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00121	Amount Added:	0.00	Units: uL	
MIX I Hi_00148	Amount Added:	0.00	Units: uL	
GAS Hi_00411	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00098	Amount Added:	20.00	Units: uL	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00226	Amount Added:	1.00	Units: uL	Run Reagent

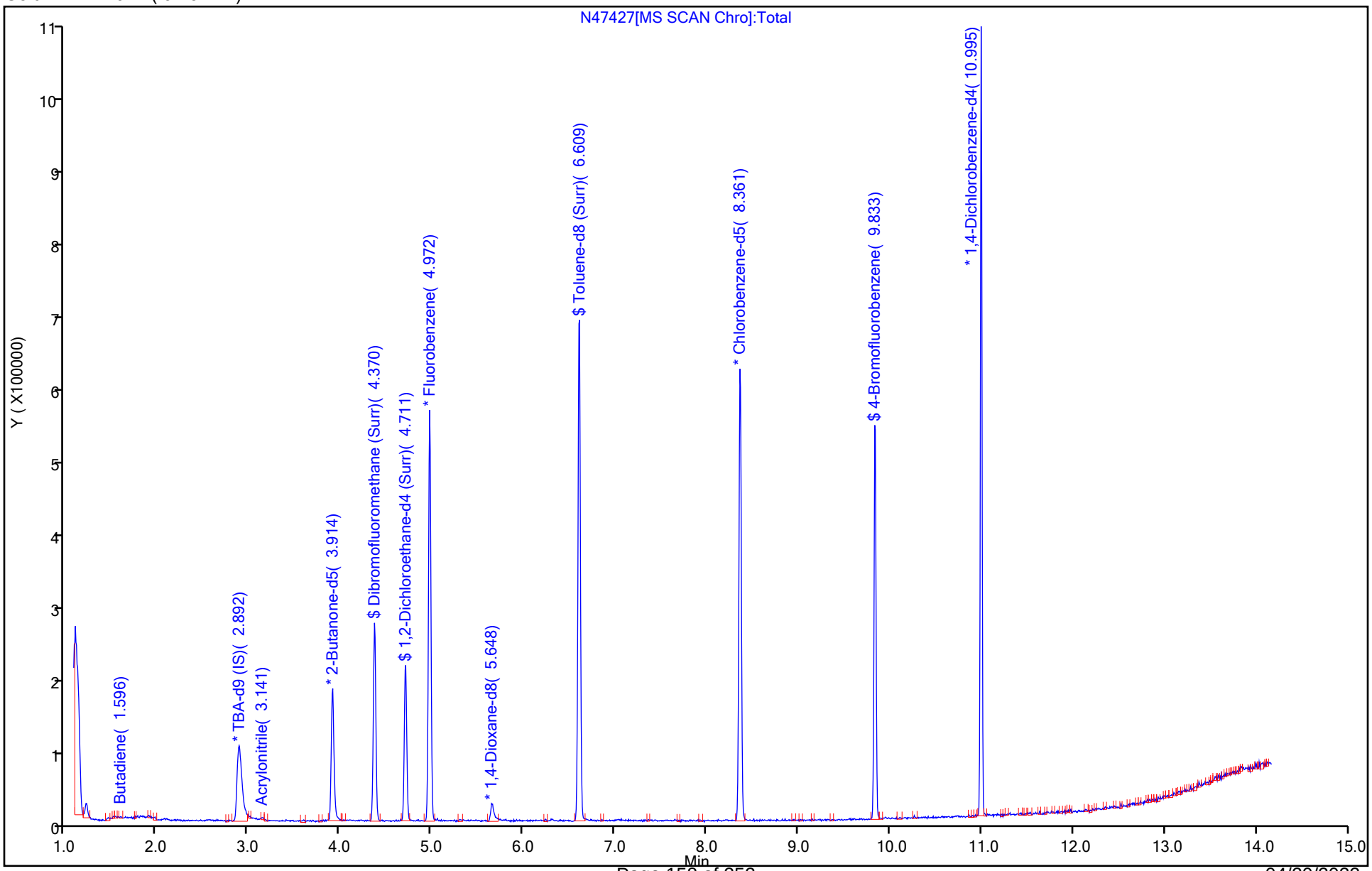
Report Date: 31-Mar-2022 17:58:03 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47427.D

Injection Date:	31-Mar-2022 00:26:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47428.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 31-Mar-2022 00:49:30 ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0143422-004
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Mar-2022 17:58:10 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: boykink Date: 31-Mar-2022 01:36:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	1.310	1.322	-0.012	1	1275	1.00	0.9003	
5 Dichlorodifluoromethane	85	1.353	1.353	0.000	52	3924	1.00	0.9174	M
6 Chlorodifluoromethane	51	1.371	1.371	0.000	40	3232	1.00	0.9708	
7 Chloromethane	52	1.450	1.474	-0.024	77	1134	1.00	1.11	M
8 Vinyl chloride	62	1.584	1.584	0.000	94	4057	1.00	1.14	M
9 Butadiene	54	1.572	1.584	-0.012	60	2039	1.00	1.07	M
10 Bromomethane	94	1.821	1.833	-0.012	85	2853	1.00	1.03	
11 Chloroethane	64	1.900	1.912	-0.012	81	2380	1.00	1.26	
12 Dichlorofluoromethane	67	2.077	2.089	-0.012	93	5607	1.00	1.00	
13 Trichlorofluoromethane	101	2.107	2.095	0.012	72	4576	1.00	0.9414	a
14 Pentane	72	2.119	2.113	0.006	90	610	2.00	1.94	
15 Ethanol	46	2.271	2.271	0.000	42	737	40.0	41.0	a
16 Ethyl ether	74	2.284	2.296	-0.012	68	2007	1.00	1.17	
17 2-Methyl-1,3-butadiene	53	2.308	2.314	-0.006	91	1757	1.00	1.00	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	2.332	2.338	-0.006	69	2550	1.00	0.8278	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.399	2.399	0.000	85	4325	1.00	1.07	a
20 Acrolein	56	2.460	2.460	0.000	72	1164	4.06	4.07	
21 112TCTFE	101	2.466	2.478	-0.012	32	2342	1.00	1.05	M
22 1,1-Dichloroethene	96	2.478	2.490	-0.012	90	3217	1.00	1.03	
23 Acetone	58	2.582	2.569	0.013	83	1552	5.00	5.26	
24 Iodomethane	142	2.630	2.636	-0.006	89	6396	1.00	0.9685	
25 Isopropyl alcohol	45	2.673	2.655	0.018	32	1676	10.0	11.7	M
26 Carbon disulfide	76	2.661	2.661	0.000	98	10405	1.00	1.04	
27 3-Chloro-1-propene	76	2.788	2.782	0.006	86	1533	1.00	0.7004	
28 Methyl acetate	74	2.795	2.795	0.000	96	1198	2.00	2.21	
29 Cyclopentene	67	2.801	2.807	-0.006	76	5630	1.00	0.9384	
30 Acetonitrile	41	2.849	2.849	0.000	35	2936	10.0	9.28	Ma
* 31 TBA-d9 (IS)	66	2.898	2.904	-0.006	70	41227	1000.0	1000.0	
32 Methylene Chloride	84	2.898	2.904	-0.006	31	3722	1.00	1.03	
33 2-Methyl-2-propanol	59	2.959	2.971	-0.012	28	3411	10.0	11.9	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Methyl tert-butyl ether	73	3.068	3.062	0.006	93	7562	1.00	0.99	
35 trans-1,2-Dichloroethene	96	3.074	3.080	-0.006	84	4139	1.00	1.13	
36 Acrylonitrile	53	3.147	3.153	-0.006	91	10008	10.0	9.75	
37 Hexane	56	3.233	3.227	0.007	71	893	1.00	0.9626	
38 Isopropyl ether	45	3.421	3.433	-0.012	91	7554	1.00	1.06	a
39 1,1-Dichloroethane	63	3.458	3.458	0.000	71	4965	1.00	0.9650	
40 Vinyl acetate	86	3.464	3.470	-0.006	98	1425	2.00	1.91	
41 2-Chloro-1,3-butadiene	88	3.494	3.500	-0.006	83	2969	1.00	1.02	
42 Tert-butyl ethyl ether	59	3.725	3.738	-0.013	90	7334	1.00	1.04	
* 43 2-Butanone-d5	46	3.914	3.914	0.000	98	255416	250.0	250.0	
44 2,2-Dichloropropane	79	3.908	3.932	-0.024	48	1645	1.00	1.22	M
45 cis-1,2-Dichloroethene	96	3.950	3.957	-0.007	93	4000	1.00	1.01	
46 2-Butanone (MEK)	72	3.969	3.969	0.000	98	2507	5.00	5.72	
47 Ethyl acetate	70	3.981	3.975	0.006	96	925	2.00	2.42	
48 Methyl acrylate	55	4.023	4.023	0.000	73	2082	1.00	0.9262	
49 Propionitrile	54	4.103	4.096	0.006	97	3865	10.0	9.67	
50 Tetrahydrofuran	72	4.188	4.176	0.012	34	977	2.00	2.08	a
51 Chlorobromomethane	128	4.176	4.176	0.000	71	2455	1.00	1.07	
52 Methacrylonitrile	67	4.194	4.194	0.000	84	11022	10.0	8.70	
53 Chloroform	83	4.224	4.224	0.000	99	5555	1.00	0.9653	
54 Cyclohexane	84	4.340	4.346	-0.006	56	3121	1.00	0.9159	
55 1,1,1-Trichloroethane	97	4.364	4.364	0.000	35	4864	1.00	1.01	
$ 56 Dibromofluoromethane (Surr)	113	4.370	4.376	-0.006	96	174547	50.0	51.6	
57 Carbon tetrachloride	117	4.468	4.480	-0.012	77	3831	1.00	0.9012	
58 1,1-Dichloropropene	75	4.504	4.504	0.000	93	3734	1.00	0.9306	
59 Isobutyl alcohol	43	4.656	4.632	0.024	29	3460	25.0	29.2	Ma
60 Isooctane	57	4.662	4.668	-0.006	31	2356	1.00	0.8662	a
61 Benzene	78	4.693	4.699	-0.006	90	12055	1.00	0.9648	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.711	4.711	0.000	81	158242	50.0	50.7	
64 Isopropyl acetate	43	4.760	4.760	0.000	81	5713	1.00	0.9153	
63 Tert-amyl methyl ether	73	4.760	4.766	-0.006	85	7722	1.00	0.9334	a
65 1,2-Dichloroethane	62	4.784	4.784	0.000	96	4479	1.00	1.10	
66 n-Heptane	57	4.845	4.851	-0.006	67	754	1.00	0.9748	
* 67 Fluorobenzene	96	4.979	4.979	0.000	100	568102	50.0	50.0	
68 n-Butanol	56	5.307	5.277	0.030	23	2471	25.0	32.6	M
69 Trichloroethene	95	5.325	5.319	0.006	90	3541	1.00	1.04	
71 Methylcyclohexane	83	5.435	5.441	-0.006	72	2566	1.00	0.9090	
70 Ethyl acrylate	99	5.441	5.447	-0.006	96	531	1.00	1.15	
72 1,2-Dichloropropane	63	5.605	5.599	0.006	79	2613	1.00	0.9408	
* 73 1,4-Dioxane-d8	96	5.654	5.654	0.000	74	32811	1000.0	1000.0	
74 Methyl methacrylate	100	5.678	5.684	-0.006	42	1896	2.00	2.06	
75 1,4-Dioxane	88	5.709	5.709	0.000	55	2065	30.0	29.8	
76 Dibromomethane	93	5.721	5.727	-0.006	89	2332	1.00	1.03	
77 n-Propyl acetate	43	5.739	5.739	0.000	93	3719	1.00	1.11	
78 Dichlorobromomethane	83	5.873	5.879	-0.006	96	4107	1.00	0.9823	
79 2-Nitropropane	41	6.201	6.214	-0.013	88	1568	2.00	2.45	
80 2-Chloroethyl vinyl ether	63	6.207	6.214	-0.007	63	1158	1.00	0.8907	
81 Epichlorohydrin	57	6.323	6.311	0.012	97	4469	20.0	15.6	
82 cis-1,3-Dichloropropene	75	6.366	6.366	0.000	88	4335	1.00	0.9037	
83 4-Methyl-2-pentanone (MIBK)	43	6.536	6.536	0.000	94	9333	5.00	3.92	
$ 84 Toluene-d8 (Surr)	98	6.609	6.609	0.000	99	585750	50.0	50.4	
85 Toluene	91	6.682	6.682	0.000	90	13598	1.00	1.02	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	7.029	7.035	-0.006	90	3674	1.00	0.8588	
87 Ethyl methacrylate	69	7.059	7.065	-0.006	61	1997	1.00	1.03	
88 1,1,2-Trichloroethane	83	7.242	7.242	0.000	93	2193	1.00	0.9093	
89 Tetrachloroethene	166	7.272	7.278	-0.006	84	2796	1.00	0.9074	
90 1,3-Dichloropropane	76	7.448	7.449	0.000	85	3962	1.00	0.8889	
91 2-Hexanone	58	7.521	7.515	0.006	97	3089	5.00	4.96	
92 n-Butyl acetate	43	7.631	7.637	-0.006	88	2721	1.00	0.8503	
93 Chlorodibromomethane	129	7.674	7.674	0.000	94	3261	1.00	0.9376	
94 Ethylene Dibromide	107	7.820	7.820	0.000	99	2939	1.00	0.9109	
* 95 Chlorobenzene-d5	117	8.361	8.367	-0.006	83	467315	50.0	50.0	
96 Chlorobenzene	112	8.398	8.398	0.000	95	8554	1.00	0.9229	
97 Ethylbenzene	106	8.507	8.507	0.000	96	3953	1.00	0.8796	
98 1,1,1,2-Tetrachloroethane	131	8.525	8.525	0.000	89	3519	1.00	0.9630	
99 m-Xylene & p-Xylene	106	8.659	8.665	-0.006	97	4171	1.00	0.7843	
100 o-Xylene	106	9.176	9.182	-0.006	93	4472	1.00	0.8034	
101 n-Butyl acrylate	73	9.176	9.182	-0.006	51	1596	1.00	0.7701	
102 Styrene	104	9.213	9.219	-0.006	96	5741	1.00	1.03	
104 Bromoform	173	9.468	9.462	0.006	81	1978	1.00	0.8964	
103 Amyl acetate (mixed isomers)	43	9.468	9.462	0.006	93	2915	1.00	0.7684	
105 Isopropylbenzene	105	9.614	9.614	0.000	94	10181	1.00	0.8106	
$ 106 4-Bromofluorobenzene	174	9.839	9.839	0.000	93	167255	50.0	49.4	
107 Bromobenzene	156	9.979	9.979	0.000	86	3914	1.00	0.99	
108 1,1,2,2-Tetrachloroethane	83	10.052	10.046	0.006	97	3841	1.00	0.9426	
109 N-Propylbenzene	91	10.077	10.071	0.006	99	10466	1.00	0.8320	
110 1,2,3-Trichloropropane	110	10.095	10.095	0.000	92	1231	1.00	0.9406	
111 trans-1,4-Dichloro-2-butene	53	10.131	10.119	0.012	21	594	1.00	0.7560	
112 2-Chlorotoluene	91	10.180	10.180	0.000	94	8994	1.00	0.8874	
113 4-Ethyltoluene	105	10.198	10.198	0.000	96	9388	1.00	0.8148	
114 1,3,5-Trimethylbenzene	105	10.271	10.271	0.000	94	7208	1.00	0.7467	
115 4-Chlorotoluene	91	10.308	10.308	0.000	96	7748	1.00	0.8186	
116 Butyl Methacrylate	87	10.393	10.393	0.000	77	1296	1.00	0.3279	
117 tert-Butylbenzene	119	10.582	10.582	0.000	94	6078	1.00	0.8266	
118 1,2,4-Trimethylbenzene	105	10.642	10.642	0.000	94	7787	1.00	0.7537	
119 sec-Butylbenzene	105	10.794	10.794	0.000	98	7531	1.00	0.7551	
120 1,3-Dichlorobenzene	146	10.928	10.928	0.000	97	6479	1.00	0.9433	
121 4-Isopropyltoluene	119	10.934	10.934	0.000	88	6619	1.00	0.7589	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	94	261485	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.020	11.020	0.000	94	7192	1.00	0.99	
124 1,2,3-Trimethylbenzene	105	11.044	11.044	0.000	96	9994	1.00	0.8166	
125 Benzyl chloride	126	11.159	11.159	0.000	99	1447	1.00	0.8044	
126 2,3-Dihydroindene	117	11.220	11.220	0.000	91	9640	1.00	0.7525	
127 p-Diethylbenzene	119	11.281	11.287	-0.006	90	4204	1.00	0.8986	
128 n-Butylbenzene	92	11.305	11.305	0.000	96	3405	1.00	0.8490	
129 1,2-Dichlorobenzene	146	11.354	11.354	0.000	91	6229	1.00	0.8619	
130 1,2,4,5-Tetramethylbenzene	119	11.950	11.956	-0.006	98	6372	1.00	0.7500	
131 1,2-Dibromo-3-Chloropropane	157	12.035	12.036	-0.001	54	1118	1.00	1.03	
132 1,3,5-Trichlorobenzene	180	12.157	12.151	0.006	96	3309	1.00	0.9377	
133 1,2,4-Trichlorobenzene	180	12.650	12.650	0.000	93	2985	1.00	0.9052	
134 Hexachlorobutadiene	225	12.729	12.741	-0.012	39	958	1.00	1.09	
135 Naphthalene	128	12.845	12.845	0.000	99	9122	1.00	0.8072	
136 1,2,3-Trichlorobenzene	180	13.021	13.021	0.000	92	2394	1.00	0.8718	
S 137 1,2-Dichloroethene, Total	100				0		2.00	2.14	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		2.00	1.59	
S 139 Total BTEX	1				0		5.00	4.45	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00151	Amount Added: 10.00	Units: uL		
GASES Li_00469	Amount Added: 10.00	Units: uL		
ACROLEIN W_00138	Amount Added: 4.00	Units: uL		
524freon_00050	Amount Added: 10.00	Units: uL		
14DIOXINTER_00139	Amount Added: 10.00	Units: uL		
8260ISNEW_00120	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00226	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 31-Mar-2022 17:58:11 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47428.D

Injection Date: 31-Mar-2022 00:49:30 Instrument ID: CVOAMS11 Operator ID:

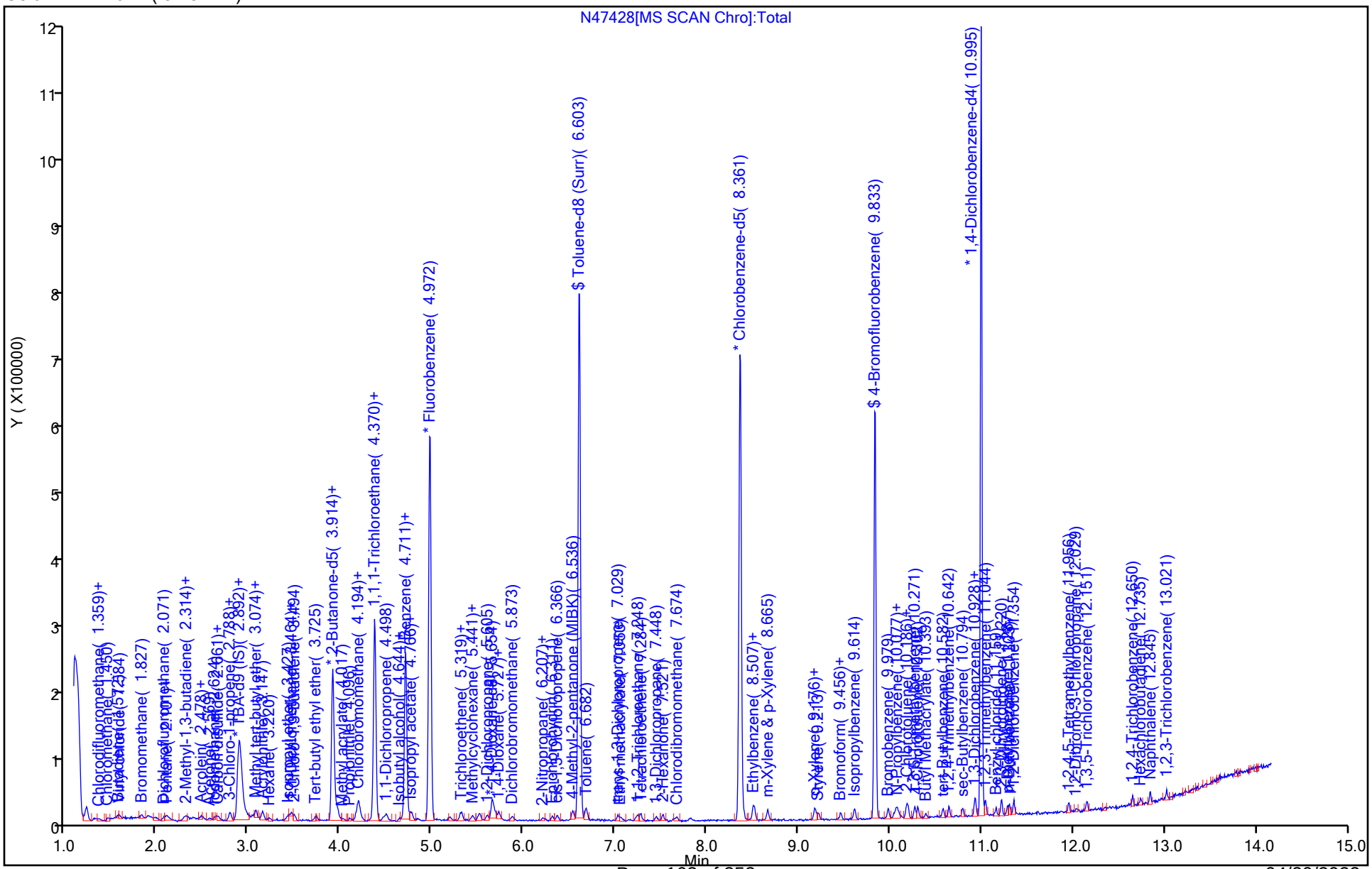
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 20

Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47429.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 31-Mar-2022 01:12:30 ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0143422-005
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Mar-2022 17:58:17 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: boykink Date: 31-Mar-2022 02:37:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	1.322	1.322	0.000	67	7405	5.00	4.96	
5 Dichlorodifluoromethane	85	1.347	1.353	-0.006	64	19715	5.00	4.37	
6 Chlorodifluoromethane	51	1.365	1.371	-0.006	96	16319	5.00	4.65	
7 Chloromethane	52	1.456	1.474	-0.018	97	4184	5.00	4.73	
8 Vinyl chloride	62	1.578	1.584	-0.006	97	17196	5.00	4.57	
9 Butadiene	54	1.572	1.584	-0.012	75	10010	5.00	4.37	
10 Bromomethane	94	1.827	1.833	-0.006	97	13339	5.00	4.58	
11 Chloroethane	64	1.900	1.912	-0.012	98	7959	5.00	4.00	
12 Dichlorofluoromethane	67	2.083	2.089	-0.006	97	27205	5.00	4.62	
13 Trichlorofluoromethane	101	2.083	2.095	-0.012	67	24715	5.00	4.83	
14 Pentane	72	2.107	2.113	-0.006	96	3166	10.0	10.6	
15 Ethanol	46	2.253	2.271	-0.018	55	2062	200.0	177.1	Ma
16 Ethyl ether	74	2.290	2.296	-0.006	89	8794	5.00	4.89	
17 2-Methyl-1,3-butadiene	53	2.308	2.314	-0.006	92	8668	5.00	4.69	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	2.338	2.338	0.000	77	16342	5.00	5.03	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.393	2.399	-0.006	89	20815	5.00	4.87	a
20 Acrolein	56	2.448	2.460	-0.012	93	4906	20.3	18.0	
21 112TCTFE	101	2.466	2.478	-0.012	91	11759	5.00	5.02	
22 1,1-Dichloroethene	96	2.490	2.490	0.000	94	14875	5.00	4.51	
23 Acetone	58	2.563	2.569	-0.006	89	6870	25.0	26.8	
24 Iodomethane	142	2.630	2.636	-0.006	96	34533	5.00	4.96	
25 Isopropyl alcohol	45	2.642	2.655	-0.013	33	7858	50.0	57.5	
26 Carbon disulfide	76	2.661	2.661	0.000	99	50168	5.00	4.77	
27 3-Chloro-1-propene	76	2.782	2.782	0.000	84	11367	5.00	4.93	
28 Methyl acetate	74	2.788	2.795	-0.007	79	5186	10.0	10.0	
29 Cyclopentene	67	2.801	2.807	-0.006	95	28491	5.00	4.51	
30 Acetonitrile	41	2.837	2.849	-0.012	95	15680	50.0	51.9	a
* 31 TBA-d9 (IS)	66	2.898	2.904	-0.006	76	39351	1000.0	1000.0	
32 Methylene Chloride	84	2.904	2.904	0.000	39	17342	5.00	4.55	
33 2-Methyl-2-propanol	59	2.959	2.971	-0.012	98	13077	50.0	48.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Methyl tert-butyl ether	73	3.056	3.062	-0.006	91	37957	5.00	4.72	
35 trans-1,2-Dichloroethene	96	3.074	3.080	-0.006	87	17706	5.00	4.58	
36 Acrylonitrile	53	3.147	3.153	-0.006	96	48539	50.0	49.5	
37 Hexane	56	3.226	3.227	0.000	87	4587	5.00	4.69	
38 Isopropyl ether	45	3.427	3.433	-0.006	89	32339	5.00	4.30	
39 1,1-Dichloroethane	63	3.458	3.458	0.000	76	25007	5.00	4.61	
40 Vinyl acetate	86	3.470	3.470	0.000	98	6198	10.0	9.55	
41 2-Chloro-1,3-butadiene	88	3.500	3.500	0.000	86	12855	5.00	4.17	
42 Tert-butyl ethyl ether	59	3.731	3.738	-0.007	93	32674	5.00	4.39	
* 43 2-Butanone-d5	46	3.914	3.914	0.000	99	222096	250.0	250.0	
44 2,2-Dichloropropane	79	3.932	3.932	0.000	50	6573	5.00	4.61	a
45 cis-1,2-Dichloroethene	96	3.950	3.957	-0.007	92	19628	5.00	4.71	
46 2-Butanone (MEK)	72	3.969	3.969	0.000	99	9631	25.0	25.3	
47 Ethyl acetate	70	3.975	3.975	0.000	97	3272	10.0	9.85	
48 Methyl acrylate	55	4.023	4.023	0.000	98	9868	5.00	4.17	
49 Propionitrile	54	4.096	4.096	0.000	98	19315	50.0	50.6	
50 Tetrahydrofuran	72	4.163	4.176	-0.013	67	4409	10.0	10.8	
51 Chlorobromomethane	128	4.169	4.176	-0.007	66	11802	5.00	4.87	
52 Methacrylonitrile	67	4.194	4.194	0.000	85	61571	50.0	46.1	
53 Chloroform	83	4.224	4.224	0.000	98	29703	5.00	4.90	
54 Cyclohexane	84	4.352	4.346	0.006	82	19199	5.00	5.35	
55 1,1,1-Trichloroethane	97	4.358	4.364	-0.006	94	26217	5.00	5.16	
$ 56 Dibromofluoromethane (Surr)	113	4.370	4.376	-0.006	96	178564	50.0	50.1	
57 Carbon tetrachloride	117	4.480	4.480	0.000	96	22695	5.00	5.07	
58 1,1-Dichloropropene	75	4.504	4.504	0.000	98	20410	5.00	4.83	
59 Isobutyl alcohol	43	4.632	4.632	0.000	90	16091	125.0	142.0	
60 Isooctane	57	4.674	4.668	0.006	32	16742	5.00	5.84	a
61 Benzene	78	4.693	4.699	-0.006	94	63314	5.00	4.94	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.711	4.711	0.000	83	159194	50.0	48.4	
64 Isopropyl acetate	43	4.759	4.760	-0.001	83	30817	5.00	4.69	
63 Tert-amyl methyl ether	73	4.759	4.766	-0.007	93	44247	5.00	5.08	
65 1,2-Dichloroethane	62	4.784	4.784	0.000	96	20656	5.00	4.83	
66 n-Heptane	57	4.845	4.851	-0.006	82	3749	5.00	4.60	
* 67 Fluorobenzene	96	4.972	4.979	-0.007	100	598607	50.0	50.0	
68 n-Butanol	56	5.295	5.277	0.018	89	7622	125.0	105.3	
69 Trichloroethene	95	5.313	5.319	-0.006	94	17236	5.00	4.82	
71 Methylcyclohexane	83	5.441	5.441	0.000	71	14880	5.00	5.00	a
70 Ethyl acrylate	99	5.441	5.447	-0.006	97	2171	5.00	4.46	
72 1,2-Dichloropropane	63	5.599	5.599	0.000	89	14693	5.00	5.02	
* 73 1,4-Dioxane-d8	96	5.654	5.654	0.000	74	31879	1000.0	1000.0	
74 Methyl methacrylate	100	5.684	5.684	0.000	81	8597	10.0	8.86	
75 1,4-Dioxane	88	5.715	5.709	0.006	75	4930	100.0	104.2	
76 Dibromomethane	93	5.721	5.727	-0.006	93	11990	5.00	5.03	
77 n-Propyl acetate	43	5.733	5.739	-0.006	98	16714	5.00	4.73	
78 Dichlorobromomethane	83	5.879	5.879	0.000	99	21308	5.00	4.84	
79 2-Nitropropane	41	6.207	6.214	-0.007	88	5786	10.0	9.48	
80 2-Chloroethyl vinyl ether	63	6.213	6.214	-0.001	71	5615	5.01	4.10	
81 Epichlorohydrin	57	6.317	6.311	0.006	97	27932	100.0	112.0	
82 cis-1,3-Dichloropropene	75	6.366	6.366	0.000	87	24301	5.00	4.94	
83 4-Methyl-2-pentanone (MIBK)	43	6.536	6.536	0.000	93	56454	25.0	27.3	
$ 84 Toluene-d8 (Surr)	98	6.609	6.609	0.000	99	585325	50.0	49.1	
85 Toluene	91	6.682	6.682	0.000	92	67297	5.00	4.92	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	7.029	7.035	-0.006	94	19849	5.00	4.52	
87 Ethyl methacrylate	69	7.065	7.065	0.000	85	13682	5.00	4.23	
88 1,1,2-Trichloroethane	83	7.242	7.242	0.000	95	13070	5.00	5.28	
89 Tetrachloroethene	166	7.284	7.278	0.006	94	16106	5.00	5.10	
90 1,3-Dichloropropane	76	7.448	7.449	0.000	87	23395	5.00	5.12	
91 2-Hexanone	58	7.521	7.515	0.006	90	22090	25.0	25.9	
92 n-Butyl acetate	43	7.637	7.637	0.000	94	15531	5.00	4.73	
93 Chlorodibromomethane	129	7.667	7.674	-0.007	97	16958	5.00	4.75	
94 Ethylene Dibromide	107	7.819	7.820	-0.001	100	16101	5.00	4.87	
* 95 Chlorobenzene-d5	117	8.361	8.367	-0.006	82	479212	50.0	50.0	
96 Chlorobenzene	112	8.397	8.398	-0.001	99	46951	5.00	4.94	
97 Ethylbenzene	106	8.507	8.507	0.000	97	20698	5.00	4.49	
98 1,1,1,2-Tetrachloroethane	131	8.519	8.525	-0.006	97	17819	5.00	4.76	
99 m-Xylene & p-Xylene	106	8.665	8.665	0.000	97	24748	5.00	4.54	
100 o-Xylene	106	9.182	9.182	0.000	95	24498	5.00	4.29	
101 n-Butyl acrylate	73	9.176	9.182	-0.006	57	8914	5.00	4.19	
102 Styrene	104	9.219	9.219	0.000	98	36039	5.00	4.10	
104 Bromoform	173	9.462	9.462	0.000	72	10440	5.00	4.63	
103 Amyl acetate (mixed isomers)	43	9.462	9.462	0.000	93	17165	5.00	4.43	
105 Isopropylbenzene	105	9.614	9.614	0.000	94	56535	5.00	4.39	
$ 106 4-Bromofluorobenzene	174	9.839	9.839	0.000	93	168735	50.0	48.6	
107 Bromobenzene	156	9.985	9.979	0.006	91	20015	5.00	4.96	
108 1,1,2,2-Tetrachloroethane	83	10.046	10.046	0.000	98	21354	5.00	5.13	
109 N-Propylbenzene	91	10.070	10.071	-0.001	99	59303	5.00	4.61	
110 1,2,3-Trichloropropane	110	10.095	10.095	0.000	95	7125	5.00	5.33	
111 trans-1,4-Dichloro-2-butene	53	10.119	10.119	0.000	61	3473	5.00	4.32	
112 2-Chlorotoluene	91	10.180	10.180	0.000	97	47544	5.00	4.59	
113 4-Ethyltoluene	105	10.198	10.198	0.000	98	51719	5.00	4.39	
114 1,3,5-Trimethylbenzene	105	10.271	10.271	0.000	93	42952	5.00	4.35	
115 4-Chlorotoluene	91	10.308	10.308	0.000	96	45161	5.00	4.67	
116 Butyl Methacrylate	87	10.393	10.393	0.000	85	8990	5.00	2.22	
117 tert-Butylbenzene	119	10.581	10.582	-0.001	93	31362	5.00	4.17	
118 1,2,4-Trimethylbenzene	105	10.642	10.642	0.000	96	44821	5.00	4.24	
119 sec-Butylbenzene	105	10.794	10.794	0.000	99	44644	5.00	4.38	
120 1,3-Dichlorobenzene	146	10.928	10.928	0.000	98	34198	5.00	4.87	
121 4-Isopropyltoluene	119	10.934	10.934	0.000	97	36802	5.00	4.13	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	94	267274	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.019	11.020	-0.001	96	35970	5.00	4.85	
124 1,2,3-Trimethylbenzene	105	11.044	11.044	0.000	97	54238	5.00	4.34	
125 Benzyl chloride	126	11.159	11.159	0.000	100	7414	5.00	4.03	
126 2,3-Dihydroindene	117	11.220	11.220	0.000	93	57536	5.00	4.39	
127 p-Diethylbenzene	119	11.287	11.287	0.000	93	20497	5.00	4.29	
128 n-Butylbenzene	92	11.305	11.305	0.000	96	18640	5.00	4.55	
129 1,2-Dichlorobenzene	146	11.354	11.354	0.000	98	36589	5.00	4.95	
130 1,2,4,5-Tetramethylbenzene	119	11.950	11.956	-0.006	97	34866	5.00	4.01	
131 1,2-Dibromo-3-Chloropropane	157	12.035	12.036	-0.001	92	5172	5.00	4.66	
132 1,3,5-Trichlorobenzene	180	12.151	12.151	0.000	96	17394	5.00	4.82	
133 1,2,4-Trichlorobenzene	180	12.650	12.650	0.000	93	15688	5.00	4.65	
134 Hexachlorobutadiene	225	12.735	12.741	-0.006	88	3943	5.00	4.40	
135 Naphthalene	128	12.845	12.845	0.000	99	48695	5.00	4.22	
136 1,2,3-Trichlorobenzene	180	13.021	13.021	0.000	95	13302	5.00	4.74	
S 137 1,2-Dichloroethene, Total	100				0		10.0	9.28	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		10.0	8.83	
S 139 Total BTEX	1				0		25.0	23.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00151	Amount Added: 10.00	Units: uL		
GASES Li_00469	Amount Added: 10.00	Units: uL		
ACROLEIN W_00138	Amount Added: 4.00	Units: uL		
524freon_00050	Amount Added: 10.00	Units: uL		
8260ISNEW_00120	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00226	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 31-Mar-2022 17:58:18 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47429.D

Injection Date: 31-Mar-2022 01:12:30 Instrument ID: CVOAMS11 Operator ID:

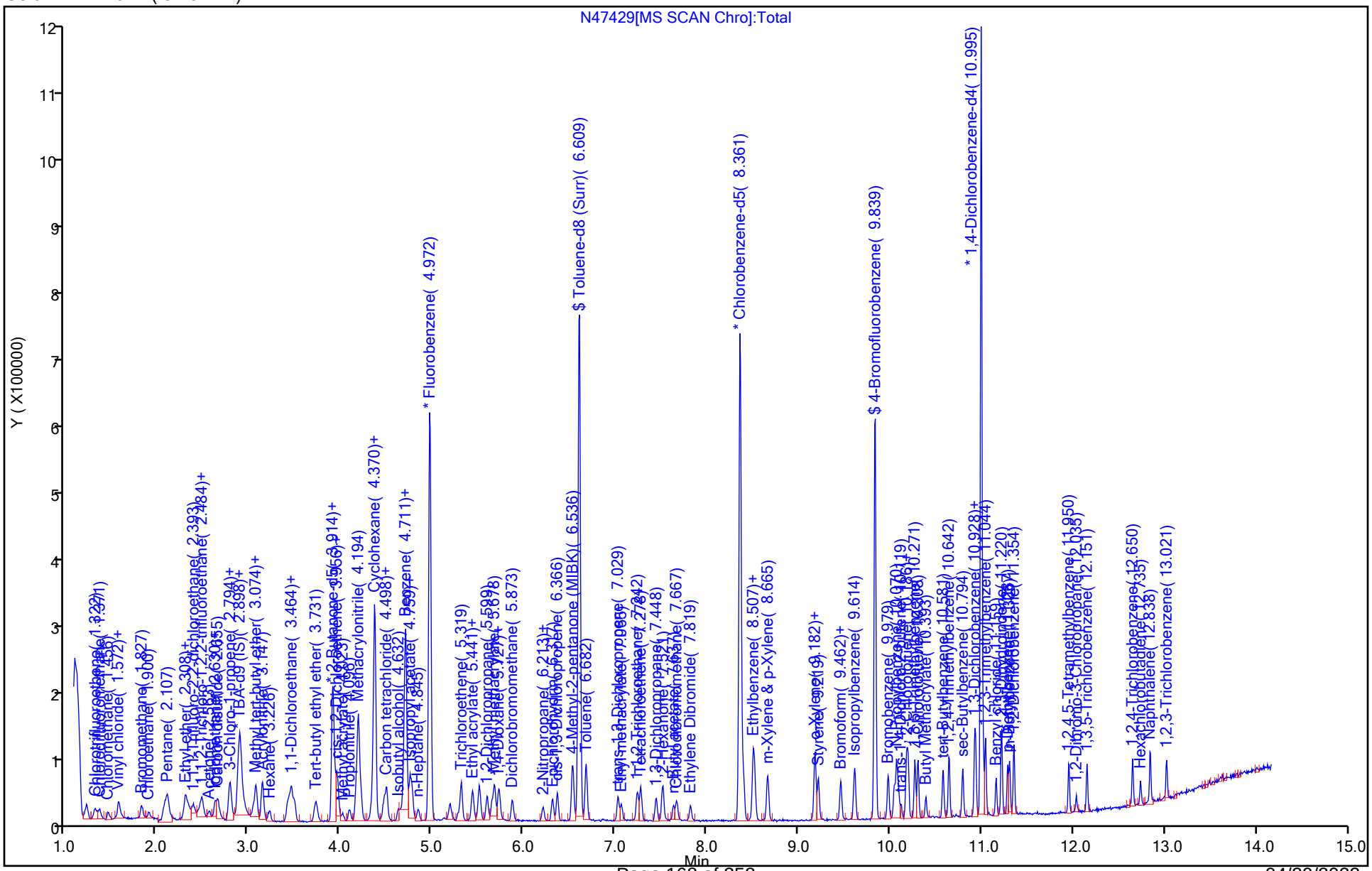
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 21

Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47430.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 31-Mar-2022 01:35:30 ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0143422-006
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Mar-2022 17:58:24 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: boykink Date: 31-Mar-2022 02:38:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	1.322	1.322	0.000	69	28660	20.0	19.8	
5 Dichlorodifluoromethane	85	1.353	1.353	0.000	98	86080	20.0	19.7	
6 Chlorodifluoromethane	51	1.371	1.371	0.000	96	65052	20.0	19.1	
7 Chloromethane	52	1.474	1.474	0.000	99	17335	20.0	16.8	
8 Vinyl chloride	62	1.584	1.584	0.000	98	71607	20.0	19.6	
9 Butadiene	54	1.584	1.584	0.000	75	46411	20.0	20.2	
10 Bromomethane	94	1.833	1.833	0.000	98	59128	20.0	20.9	
11 Chloroethane	64	1.912	1.912	0.000	99	38853	20.0	20.1	
12 Dichlorofluoromethane	67	2.089	2.089	0.000	97	120141	20.0	21.0	
13 Trichlorofluoromethane	101	2.095	2.095	0.000	97	101674	20.0	20.5	
14 Pentane	72	2.113	2.113	0.000	97	14220	40.0	43.2	
15 Ethanol	46	2.271	2.271	0.000	62	8467	800.0	743.6	a
16 Ethyl ether	74	2.296	2.296	0.000	91	36230	20.0	20.7	
17 2-Methyl-1,3-butadiene	53	2.314	2.314	0.000	94	38560	20.0	21.5	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	2.338	2.338	0.000	78	67238	20.0	21.3	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.399	2.399	0.000	92	75517	20.0	18.2	a
20 Acrolein	56	2.460	2.460	0.000	90	13522	40.6	45.1	
21 112TCTFE	101	2.478	2.478	0.000	94	51288	20.0	22.6	
22 1,1-Dichloroethene	96	2.490	2.490	0.000	92	70371	20.0	22.0	
23 Acetone	58	2.569	2.569	0.000	89	27808	100.0	92.6	
24 Iodomethane	142	2.636	2.636	0.000	97	144469	20.0	21.4	
25 Isopropyl alcohol	45	2.655	2.655	0.000	33	27766	200.0	185.3	
26 Carbon disulfide	76	2.661	2.661	0.000	99	214696	20.0	21.0	
27 3-Chloro-1-propene	76	2.782	2.782	0.000	90	53056	20.0	23.7	
28 Methyl acetate	74	2.795	2.795	0.000	97	23892	40.0	42.2	
29 Cyclopentene	67	2.807	2.807	0.000	92	131257	20.0	21.4	
30 Acetonitrile	41	2.849	2.849	0.000	95	66761	200.0	201.4	
* 31 TBA-d9 (IS)	66	2.904	2.904	0.000	92	43184	1000.0	1000.0	
32 Methylene Chloride	84	2.904	2.904	0.000	83	81415	20.0	22.0	
33 2-Methyl-2-propanol	59	2.971	2.971	0.000	97	64354	200.0	215.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Methyl tert-butyl ether	73	3.062	3.062	0.000	96	179117	20.0	23.0	
35 trans-1,2-Dichloroethene	96	3.080	3.080	0.000	88	82593	20.0	22.0	
36 Acrylonitrile	53	3.153	3.153	0.000	94	244890	200.0	227.7	
37 Hexane	56	3.227	3.227	0.000	91	23021	20.0	24.3	
38 Isopropyl ether	45	3.433	3.433	0.000	92	167227	20.0	22.9	
39 1,1-Dichloroethane	63	3.458	3.458	0.000	99	122103	20.0	23.2	
40 Vinyl acetate	86	3.470	3.470	0.000	99	31448	40.0	41.4	
41 2-Chloro-1,3-butadiene	88	3.500	3.500	0.000	88	65160	20.0	21.8	
42 Tert-butyl ethyl ether	59	3.738	3.738	0.000	90	169722	20.0	23.5	
* 43 2-Butanone-d5	46	3.914	3.914	0.000	98	259665	250.0	250.0	
44 2,2-Dichloropropane	79	3.932	3.932	0.000	93	29319	20.0	21.2	
45 cis-1,2-Dichloroethene	96	3.957	3.957	0.000	92	93544	20.0	23.1	
46 2-Butanone (MEK)	72	3.969	3.969	0.000	98	44627	100.0	100.1	
47 Ethyl acetate	70	3.975	3.975	0.000	95	14915	40.0	38.4	
48 Methyl acrylate	55	4.023	4.023	0.000	99	53165	20.0	23.1	
49 Propionitrile	54	4.096	4.096	0.000	98	93678	200.0	223.7	
50 Tetrahydrofuran	72	4.176	4.176	0.000	55	19269	40.0	40.4	
51 Chlorobromomethane	128	4.176	4.176	0.000	69	51928	20.0	22.1	
52 Methacrylonitrile	67	4.194	4.194	0.000	88	297059	200.0	229.3	
53 Chloroform	83	4.224	4.224	0.000	98	133686	20.0	22.7	
54 Cyclohexane	84	4.346	4.346	0.000	84	78586	20.0	22.6	
55 1,1,1-Trichloroethane	97	4.364	4.364	0.000	97	109712	20.0	22.2	
$ 56 Dibromofluoromethane (Surr)	113	4.376	4.376	0.000	97	186123	50.0	53.8	
57 Carbon tetrachloride	117	4.480	4.480	0.000	97	95030	20.0	21.9	
58 1,1-Dichloropropene	75	4.504	4.504	0.000	96	90092	20.0	22.0	
59 Isobutyl alcohol	43	4.632	4.632	0.000	97	63134	500.0	507.8	
60 Isooctane	57	4.668	4.668	0.000	91	67413	20.0	24.2	a
61 Benzene	78	4.699	4.699	0.000	95	282938	20.0	22.3	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.711	4.711	0.000	94	169522	50.0	53.2	
64 Isopropyl acetate	43	4.760	4.760	0.000	85	139945	20.0	21.9	
63 Tert-amyl methyl ether	73	4.766	4.766	0.000	89	190498	20.0	22.5	
65 1,2-Dichloroethane	62	4.784	4.784	0.000	96	89440	20.0	21.5	
66 n-Heptane	57	4.851	4.851	0.000	85	17834	20.0	22.5	
* 67 Fluorobenzene	96	4.979	4.979	0.000	100	580888	50.0	50.0	
68 n-Butanol	56	5.277	5.277	0.000	84	32844	500.0	413.6	
69 Trichloroethene	95	5.319	5.319	0.000	94	75302	20.0	21.7	
71 Methylcyclohexane	83	5.441	5.441	0.000	71	65508	20.0	22.7	
70 Ethyl acrylate	99	5.447	5.447	0.000	97	9754	20.0	20.6	
72 1,2-Dichloropropane	63	5.599	5.599	0.000	92	60034	20.0	21.1	
* 73 1,4-Dioxane-d8	96	5.654	5.654	0.000	77	33678	1000.0	1000.0	
74 Methyl methacrylate	100	5.684	5.684	0.000	79	36997	40.0	39.3	
75 1,4-Dioxane	88	5.709	5.709	0.000	84	16176	400.0	368.1	
76 Dibromomethane	93	5.727	5.727	0.000	97	49371	20.0	21.3	
77 n-Propyl acetate	43	5.739	5.739	0.000	96	68191	20.0	19.9	
78 Dichlorobromomethane	83	5.879	5.879	0.000	98	89633	20.0	21.0	
79 2-Nitropropane	41	6.214	6.214	0.000	85	23181	40.0	34.6	
80 2-Chloroethyl vinyl ether	63	6.214	6.214	0.000	78	26643	20.0	20.0	
81 Epichlorohydrin	57	6.311	6.311	0.000	98	111888	400.0	383.6	
82 cis-1,3-Dichloropropene	75	6.366	6.366	0.000	88	100052	20.0	20.6	
83 4-Methyl-2-pentanone (MIBK)	43	6.536	6.536	0.000	93	247838	100.0	102.4	
$ 84 Toluene-d8 (Surr)	98	6.609	6.609	0.000	99	627600	50.0	53.3	
85 Toluene	91	6.682	6.682	0.000	93	279063	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	7.035	7.035	0.000	94	96438	20.0	22.2	
87 Ethyl methacrylate	69	7.065	7.065	0.000	86	68992	20.0	20.1	
88 1,1,2-Trichloroethane	83	7.242	7.242	0.000	95	55298	20.0	22.6	
89 Tetrachloroethene	166	7.278	7.278	0.000	95	71165	20.0	22.8	
90 1,3-Dichloropropane	76	7.449	7.449	0.000	89	101562	20.0	22.5	
91 2-Hexanone	58	7.515	7.515	0.000	93	107965	100.0	101.9	
92 n-Butyl acetate	43	7.637	7.637	0.000	97	74821	20.0	23.1	
93 Chlorodibromomethane	129	7.674	7.674	0.000	97	76431	20.0	21.7	
94 Ethylene Dibromide	107	7.820	7.820	0.000	98	72213	20.0	22.1	
* 95 Chlorobenzene-d5	117	8.367	8.367	0.000	82	473560	50.0	50.0	
96 Chlorobenzene	112	8.398	8.398	0.000	99	205418	20.0	21.9	
97 Ethylbenzene	106	8.507	8.507	0.000	97	101483	20.0	22.3	
98 1,1,1,2-Tetrachloroethane	131	8.525	8.525	0.000	97	78693	20.0	21.3	
99 m-Xylene & p-Xylene	106	8.665	8.665	0.000	96	122362	20.0	22.7	
100 o-Xylene	106	9.182	9.182	0.000	95	124725	20.0	22.1	
101 n-Butyl acrylate	73	9.182	9.182	0.000	57	43899	20.0	20.9	
102 Styrene	104	9.219	9.219	0.000	97	195400	20.0	20.6	
104 Bromoform	173	9.462	9.462	0.000	95	48564	20.0	21.9	
103 Amyl acetate (mixed isomers)	43	9.462	9.462	0.000	94	83009	20.0	21.7	
105 Isopropylbenzene	105	9.614	9.614	0.000	94	279539	20.0	22.0	
$ 106 4-Bromofluorobenzene	174	9.839	9.839	0.000	92	182816	50.0	53.3	
107 Bromobenzene	156	9.979	9.979	0.000	92	83807	20.0	21.1	
108 1,1,2,2-Tetrachloroethane	83	10.046	10.046	0.000	98	82721	20.0	20.2	
109 N-Propylbenzene	91	10.071	10.071	0.000	100	264913	20.0	20.9	
110 1,2,3-Trichloropropane	110	10.095	10.095	0.000	95	27130	20.0	20.6	
111 trans-1,4-Dichloro-2-butene	53	10.119	10.119	0.000	86	15401	20.0	19.5	
112 2-Chlorotoluene	91	10.180	10.180	0.000	97	217095	20.0	21.3	
113 4-Ethyltoluene	105	10.198	10.198	0.000	97	248777	20.0	21.5	
114 1,3,5-Trimethylbenzene	105	10.271	10.271	0.000	93	210116	20.0	21.6	
115 4-Chlorotoluene	91	10.308	10.308	0.000	95	212372	20.0	22.3	
116 Butyl Methacrylate	87	10.393	10.393	0.000	85	48085	20.0	12.0	
117 tert-Butylbenzene	119	10.582	10.582	0.000	96	152501	20.0	20.6	
118 1,2,4-Trimethylbenzene	105	10.642	10.642	0.000	97	225944	20.0	21.7	
119 sec-Butylbenzene	105	10.794	10.794	0.000	99	220280	20.0	21.9	
120 1,3-Dichlorobenzene	146	10.928	10.928	0.000	97	151007	20.0	21.8	
121 4-Isopropyltoluene	119	10.934	10.934	0.000	98	189959	20.0	21.6	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	93	263118	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.020	11.020	0.000	97	159135	20.0	21.8	
124 1,2,3-Trimethylbenzene	105	11.044	11.044	0.000	97	257776	20.0	20.9	
125 Benzyl chloride	126	11.159	11.159	0.000	99	36641	20.0	20.2	
126 2,3-Dihydroindene	117	11.220	11.220	0.000	94	280147	20.0	21.7	
127 p-Diethylbenzene	119	11.287	11.287	0.000	94	100583	20.0	21.4	
128 n-Butylbenzene	92	11.305	11.305	0.000	96	88200	20.0	21.9	
129 1,2-Dichlorobenzene	146	11.354	11.354	0.000	98	162555	20.0	22.4	
130 1,2,4,5-Tetramethylbenzene	119	11.956	11.956	0.000	97	178732	20.0	20.9	
131 1,2-Dibromo-3-Chloropropane	157	12.036	12.036	0.000	95	22251	20.0	20.4	
132 1,3,5-Trichlorobenzene	180	12.151	12.151	0.000	97	77412	20.0	21.8	
133 1,2,4-Trichlorobenzene	180	12.650	12.650	0.000	93	73500	20.0	22.1	
134 Hexachlorobutadiene	225	12.741	12.741	0.000	91	19071	20.0	21.6	
135 Naphthalene	128	12.845	12.845	0.000	99	240089	20.0	21.1	
136 1,2,3-Trichlorobenzene	180	13.021	13.021	0.000	96	59145	20.0	21.4	
S 137 1,2-Dichloroethene, Total	100				0		40.0	45.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	44.8	
S 139 Total BTEX	1				0		100.0	110.1	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00151	Amount Added: 20.00	Units: uL		
GASES Li_00469	Amount Added: 20.00	Units: uL		
ACROLEIN W_00138	Amount Added: 4.00	Units: uL		
524freon_00050	Amount Added: 20.00	Units: uL		
8260ISNEW_00120	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00226	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 31-Mar-2022 17:58:25 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47430.D

Injection Date: 31-Mar-2022 01:35:30 Instrument ID: CVOAMS11 Operator ID:

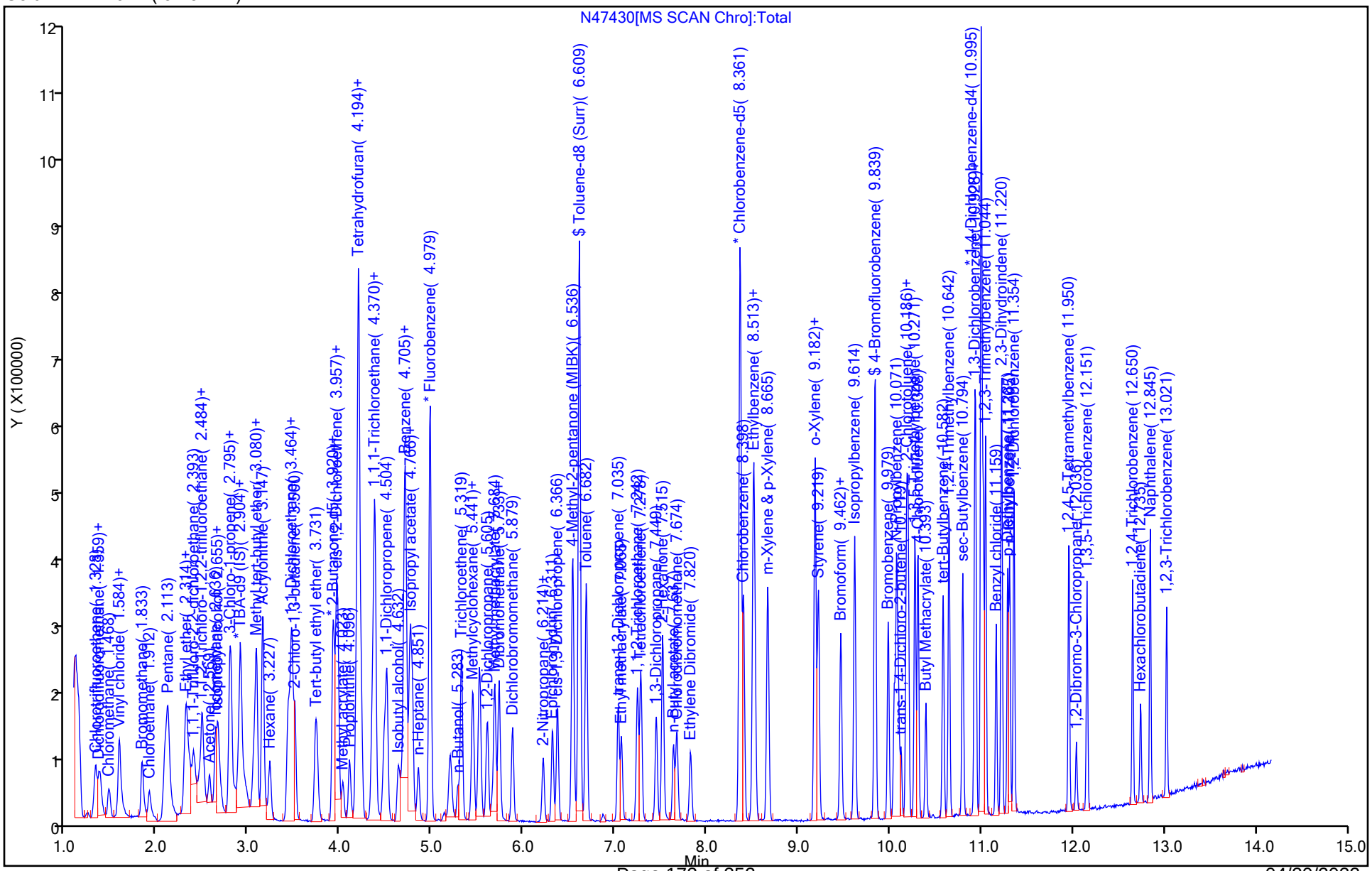
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 22

Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47431.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 31-Mar-2022 01:58:30 ALS Bottle#: 15 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0143422-007
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Mar-2022 17:58:29 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: boykink Date: 31-Mar-2022 02:47:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	1.316	1.322	-0.006	64	75927	50.0	52.7	
5 Dichlorodifluoromethane	85	1.347	1.353	-0.006	99	223608	50.0	51.4	
6 Chlorodifluoromethane	51	1.365	1.371	-0.006	95	179364	50.0	52.9	
7 Chloromethane	52	1.468	1.474	-0.006	99	45426	50.0	51.4	
8 Vinyl chloride	62	1.578	1.584	-0.006	97	178818	50.0	49.2	
9 Butadiene	54	1.572	1.584	-0.012	78	111054	50.0	48.4	
10 Bromomethane	94	1.821	1.833	-0.012	98	143110	50.0	50.9	
11 Chloroethane	64	1.900	1.912	-0.012	99	94557	50.0	49.2	
12 Dichlorofluoromethane	67	2.077	2.089	-0.012	98	296892	50.0	52.2	
13 Trichlorofluoromethane	101	2.083	2.095	-0.012	70	268535	50.0	54.3	
14 Pentane	72	2.107	2.113	-0.006	97	34098	100.0	104.0	
15 Ethanol	46	2.265	2.271	-0.006	93	23273	2000.0	2102.8	a
16 Ethyl ether	74	2.290	2.296	-0.006	92	84365	50.0	48.5	
17 2-Methyl-1,3-butadiene	53	2.302	2.314	-0.012	91	95358	50.0	53.4	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	2.332	2.338	-0.006	79	173050	50.0	55.2	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.393	2.399	-0.006	92	213419	50.0	51.7	a
20 Acrolein	56	2.448	2.460	-0.012	73	31024	101.4	103.9	
21 112TCTFE	101	2.466	2.478	-0.012	92	125868	50.0	55.6	
22 1,1-Dichloroethene	96	2.484	2.490	-0.006	92	165315	50.0	51.9	
23 Acetone	58	2.563	2.569	-0.006	88	65510	250.0	255.4	
24 Iodomethane	142	2.624	2.636	-0.012	96	360792	50.0	53.7	
25 Isopropyl alcohol	45	2.649	2.655	-0.006	34	68325	500.0	457.5	
26 Carbon disulfide	76	2.655	2.661	-0.006	98	522427	50.0	51.4	
27 3-Chloro-1-propene	76	2.776	2.782	-0.006	88	113521	50.0	51.0	
28 Methyl acetate	74	2.789	2.795	-0.006	95	54833	100.0	97.1	
29 Cyclopentene	67	2.795	2.807	-0.012	93	320547	50.0	52.5	a
30 Acetonitrile	41	2.843	2.849	-0.006	99	150666	500.0	456.0	a
* 31 TBA-d9 (IS)	66	2.892	2.904	-0.012	67	43033	1000.0	1000.0	
32 Methylene Chloride	84	2.898	2.904	-0.006	78	184437	50.0	50.1	
33 2-Methyl-2-propanol	59	2.959	2.971	-0.012	97	137487	500.0	461.4	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Methyl tert-butyl ether	73	3.050	3.062	-0.012	95	387811	50.0	49.9	
35 trans-1,2-Dichloroethene	96	3.074	3.080	-0.006	86	183265	50.0	49.0	
36 Acrylonitrile	53	3.141	3.153	-0.012	95	502124	500.0	468.5	
37 Hexane	56	3.220	3.227	-0.006	88	46879	50.0	49.6	
38 Isopropyl ether	45	3.427	3.433	-0.006	91	333702	50.0	45.9	
39 1,1-Dichloroethane	63	3.452	3.458	-0.006	99	253052	50.0	48.3	
40 Vinyl acetate	86	3.464	3.470	-0.006	99	68737	100.0	106.0	
41 2-Chloro-1,3-butadiene	88	3.494	3.500	-0.006	87	149688	50.0	50.3	
42 Tert-butyl ethyl ether	59	3.725	3.738	-0.013	92	346709	50.0	48.2	
* 43 2-Butanone-d5	46	3.914	3.914	0.000	90	221908	250.0	250.0	
44 2,2-Dichloropropane	79	3.926	3.932	-0.006	89	68658	50.0	49.9	
45 cis-1,2-Dichloroethene	96	3.950	3.957	-0.007	98	197401	50.0	49.0	
46 2-Butanone (MEK)	72	3.963	3.969	-0.006	99	93087	250.0	244.3	
47 Ethyl acetate	70	3.969	3.975	-0.006	96	32879	100.0	99.1	
48 Methyl acrylate	55	4.017	4.023	-0.006	98	109834	50.0	48.0	
49 Propionitrile	54	4.090	4.096	-0.006	98	189751	500.0	454.7	
50 Tetrahydrofuran	72	4.163	4.176	-0.013	51	41527	100.0	101.8	
51 Chlorobromomethane	128	4.170	4.176	-0.006	66	117192	50.0	50.1	
52 Methacrylonitrile	67	4.194	4.194	0.000	85	628809	500.0	487.7	
53 Chloroform	83	4.218	4.224	-0.006	99	291811	50.0	49.8	
54 Cyclohexane	84	4.346	4.346	0.000	81	174252	50.0	50.2	
55 1,1,1-Trichloroethane	97	4.358	4.364	-0.006	97	243575	50.0	49.6	
$ 56 Dibromofluoromethane (Surr)	113	4.370	4.376	-0.006	97	165995	50.0	48.2	
57 Carbon tetrachloride	117	4.474	4.480	-0.006	97	220860	50.0	51.0	
58 1,1-Dichloropropene	75	4.504	4.504	0.000	96	201135	50.0	49.2	
59 Isobutyl alcohol	43	4.626	4.632	-0.006	98	125042	1250.0	1009.3	
60 Isooctane	57	4.668	4.668	0.000	96	131529	50.0	47.5	a
61 Benzene	78	4.693	4.699	-0.006	94	608289	50.0	45.6	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.711	4.711	0.000	79	151516	50.0	47.7	
64 Isopropyl acetate	43	4.754	4.760	-0.006	85	301378	50.0	47.4	
63 Tert-amyl methyl ether	73	4.760	4.766	-0.006	87	417398	50.0	49.6	
65 1,2-Dichloroethane	62	4.784	4.784	0.000	96	198405	50.0	48.0	
66 n-Heptane	57	4.845	4.851	-0.006	81	37122	50.0	47.2	
* 67 Fluorobenzene	96	4.973	4.979	-0.006	100	578218	50.0	50.0	
68 n-Butanol	56	5.277	5.277	0.000	83	76763	1250.0	970.0	
69 Trichloroethene	95	5.313	5.319	-0.006	93	168560	50.0	48.7	
71 Methylcyclohexane	83	5.441	5.441	0.000	75	150469	50.0	52.4	
70 Ethyl acrylate	99	5.441	5.447	-0.006	97	22189	50.0	47.2	
72 1,2-Dichloropropane	63	5.599	5.599	0.000	91	134456	50.0	47.6	
* 73 1,4-Dioxane-d8	96	5.654	5.654	0.000	83	32216	1000.0	1000.0	
74 Methyl methacrylate	100	5.684	5.684	0.000	78	92680	100.0	98.8	
75 1,4-Dioxane	88	5.709	5.709	0.000	86	40014	1000.0	985.6	
76 Dibromomethane	93	5.727	5.727	0.000	96	111388	50.0	48.4	
77 n-Propyl acetate	43	5.739	5.739	0.000	96	148314	50.0	43.5	
78 Dichlorobromomethane	83	5.873	5.879	-0.006	98	208055	50.0	48.9	
79 2-Nitropropane	41	6.208	6.214	-0.006	88	59360	100.0	89.0	
80 2-Chloroethyl vinyl ether	63	6.214	6.214	0.000	80	65071	50.1	49.2	
81 Epichlorohydrin	57	6.311	6.311	0.000	99	263919	1000.0	1058.7	
82 cis-1,3-Dichloropropene	75	6.366	6.366	0.000	88	243409	50.0	47.5	
83 4-Methyl-2-pentanone (MIBK)	43	6.530	6.536	-0.006	92	550741	250.0	266.2	
$ 84 Toluene-d8 (Surr)	98	6.603	6.609	-0.006	99	582942	50.0	47.0	
85 Toluene	91	6.682	6.682	0.000	92	678456	50.0	47.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	7.029	7.035	-0.006	94	220376	50.0	48.3	
87 Ethyl methacrylate	69	7.065	7.065	0.000	86	168451	50.0	48.6	
88 1,1,2-Trichloroethane	83	7.242	7.242	0.000	95	123364	50.0	47.9	
89 Tetrachloroethene	166	7.278	7.278	0.000	95	162703	50.0	49.5	
90 1,3-Dichloropropane	76	7.449	7.449	0.001	88	226863	50.0	47.7	
91 2-Hexanone	58	7.515	7.515	0.000	91	239787	250.0	261.5	
92 n-Butyl acetate	43	7.631	7.637	-0.006	94	160129	50.0	46.9	
93 Chlorodibromomethane	129	7.674	7.674	0.000	97	183311	50.0	49.4	
94 Ethylene Dibromide	107	7.820	7.820	0.000	100	172210	50.0	50.0	
* 95 Chlorobenzene-d5	117	8.361	8.367	-0.006	82	498856	50.0	50.0	
96 Chlorobenzene	112	8.398	8.398	0.000	99	491977	50.0	49.7	
97 Ethylbenzene	106	8.507	8.507	0.000	97	247733	50.0	51.6	
98 1,1,1,2-Tetrachloroethane	131	8.519	8.525	-0.006	96	198820	50.0	51.0	
99 m-Xylene & p-Xylene	106	8.665	8.665	0.000	96	296653	50.0	52.3	
100 o-Xylene	106	9.182	9.182	0.000	96	312207	50.0	52.5	
101 n-Butyl acrylate	73	9.182	9.182	0.000	58	107647	50.0	48.7	
102 Styrene	104	9.219	9.219	0.000	98	498514	50.0	49.2	
104 Bromoform	173	9.462	9.462	0.000	95	121112	50.0	48.5	
103 Amyl acetate (mixed isomers)	43	9.462	9.462	0.000	92	194252	50.0	45.3	
105 Isopropylbenzene	105	9.614	9.614	0.000	94	691326	50.0	51.6	
$ 106 4-Bromofluorobenzene	174	9.839	9.839	0.000	92	171051	50.0	47.3	
107 Bromobenzene	156	9.979	9.979	0.000	90	212267	50.0	47.5	
108 1,1,2,2-Tetrachloroethane	83	10.046	10.046	0.000	97	211518	50.0	45.9	
109 N-Propylbenzene	91	10.071	10.071	0.000	100	699239	50.0	49.1	
110 1,2,3-Trichloropropane	110	10.095	10.095	0.000	94	68899	50.0	46.5	
111 trans-1,4-Dichloro-2-butene	53	10.119	10.119	0.000	97	42540	50.0	47.9	
112 2-Chlorotoluene	91	10.180	10.180	0.000	96	552563	50.0	48.2	
113 4-Ethyltoluene	105	10.198	10.198	0.000	98	648669	50.0	49.8	
114 1,3,5-Trimethylbenzene	105	10.271	10.271	0.000	93	564372	50.0	51.7	
115 4-Chlorotoluene	91	10.308	10.308	0.000	95	537930	50.0	50.2	
116 Butyl Methacrylate	87	10.393	10.393	0.000	84	184227	50.0	40.6	
117 tert-Butylbenzene	119	10.582	10.582	0.000	95	433603	50.0	52.1	
118 1,2,4-Trimethylbenzene	105	10.642	10.642	0.000	96	618606	50.0	52.9	
119 sec-Butylbenzene	105	10.795	10.794	0.001	99	591067	50.0	52.4	
120 1,3-Dichlorobenzene	146	10.928	10.928	0.000	98	385638	50.0	49.6	
121 4-Isopropyltoluene	119	10.934	10.934	0.000	98	523280	50.0	53.0	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	93	295782	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.020	11.020	0.000	96	401095	50.0	48.9	
124 1,2,3-Trimethylbenzene	105	11.044	11.044	0.000	97	707094	50.0	51.1	
125 Benzyl chloride	126	11.160	11.159	0.001	99	105548	50.0	51.9	
126 2,3-Dihydroindene	117	11.220	11.220	0.000	94	755389	50.0	52.1	
127 p-Diethylbenzene	119	11.287	11.287	0.000	94	267985	50.0	50.6	
128 n-Butylbenzene	92	11.306	11.305	0.001	97	237558	50.0	52.4	
129 1,2-Dichlorobenzene	146	11.354	11.354	0.000	97	411030	50.0	50.3	
130 1,2,4,5-Tetramethylbenzene	119	11.950	11.956	-0.006	97	495462	50.0	51.6	
131 1,2-Dibromo-3-Chloropropane	157	12.036	12.036	0.000	93	59502	50.0	48.4	
132 1,3,5-Trichlorobenzene	180	12.151	12.151	0.000	98	196201	50.0	49.2	
133 1,2,4-Trichlorobenzene	180	12.650	12.650	0.000	95	189252	50.0	50.7	
134 Hexachlorobutadiene	225	12.735	12.741	-0.006	90	49699	50.0	50.1	
135 Naphthalene	128	12.845	12.845	0.000	99	676496	50.0	52.9	
136 1,2,3-Trichlorobenzene	180	13.021	13.021	0.000	97	163175	50.0	52.5	
S 137 1,2-Dichloroethene, Total	100				0		100.0	98.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		100.0	104.8	
S 139 Total BTEX	1				0		250.0	249.7	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00151	Amount Added: 50.00	Units: uL		
GASES Li_00469	Amount Added: 50.00	Units: uL		
ACROLEIN W_00138	Amount Added: 10.00	Units: uL		
524freon_00050	Amount Added: 50.00	Units: uL		
8260ISNEW_00120	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00226	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 31-Mar-2022 17:58:31 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47431.D

Injection Date: 31-Mar-2022 01:58:30 Instrument ID: CVOAMS11 Operator ID:

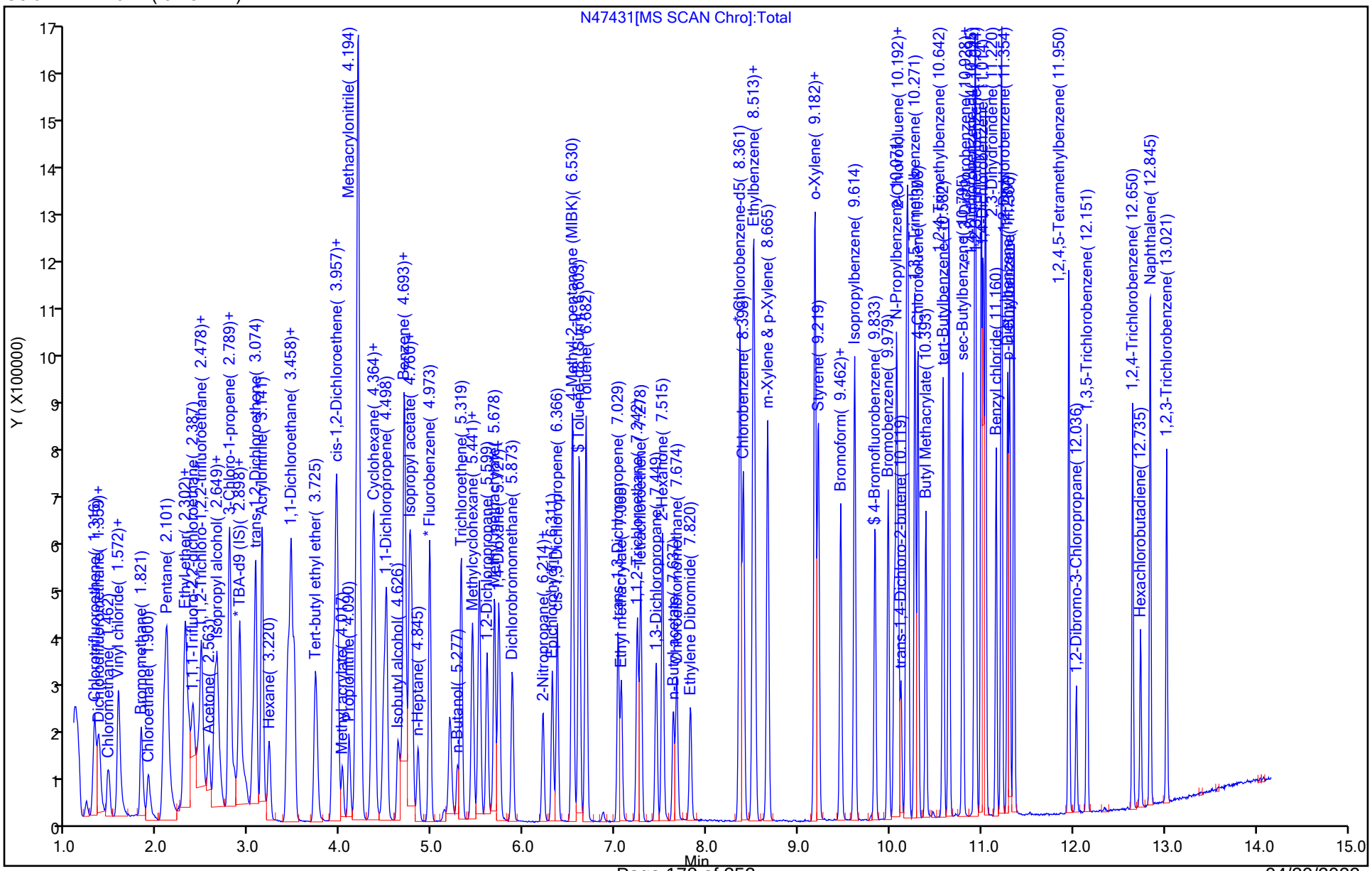
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 15

Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47432.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 31-Mar-2022 02:21:30 ALS Bottle#: 16 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0143422-008
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Mar-2022 17:58:36 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: boykink Date: 31-Mar-2022 03:51:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	1.328	1.322	0.006	54	332743	200.0	188.7	
5 Dichlorodifluoromethane	85	1.359	1.353	0.006	99	1057208	200.0	198.5	
6 Chlorodifluoromethane	51	1.371	1.371	0.000	96	797856	200.0	192.4	
7 Chloromethane	52	1.480	1.474	0.006	99	231344	200.0	183.5	
8 Vinyl chloride	62	1.584	1.584	0.000	98	827373	200.0	185.9	
9 Butadiene	54	1.590	1.584	0.006	93	530532	200.0	188.3	
10 Bromomethane	94	1.839	1.833	0.006	99	657610	200.0	191.0	
11 Chloroethane	64	1.912	1.912	0.000	99	430652	200.0	183.1	
12 Dichlorofluoromethane	67	2.089	2.089	0.000	98	1299490	200.0	186.9	
13 Trichlorofluoromethane	101	2.095	2.095	0.000	98	1130836	200.0	186.8	
14 Pentane	72	2.119	2.113	0.006	95	136818	400.0	348.2	
15 Ethanol	46	2.283	2.271	0.012	75	109430	8000.0	8338.3	
16 Ethyl ether	74	2.296	2.296	0.000	91	372437	200.0	175.1	
17 2-Methyl-1,3-butadiene	53	2.314	2.314	0.000	93	395966	200.0	181.3	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	2.344	2.338	0.006	85	718771	200.0	187.4	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.399	2.399	0.000	91	949747	200.0	188.0	a
20 Acrolein	56	2.454	2.460	-0.006	41	69713	202.8	194.8	
21 112TCTFE	101	2.466	2.478	-0.012	94	420296	200.0	151.8	
22 1,1-Dichloroethene	96	2.490	2.490	0.000	93	696843	200.0	178.6	
23 Acetone	58	2.569	2.569	0.000	88	332049	1000.0	907.2	
24 Iodomethane	142	2.630	2.636	-0.006	96	1478816	200.0	179.8	
25 Isopropyl alcohol	45	2.648	2.655	-0.007	98	328225	2000.0	1834.4	a
26 Carbon disulfide	76	2.661	2.661	0.000	98	2234351	200.0	179.7	
27 3-Chloro-1-propene	76	2.788	2.782	0.006	91	604729	200.0	221.9	
28 Methyl acetate	74	2.794	2.795	-0.001	96	253943	400.0	375.4	
29 Cyclopentene	67	2.807	2.807	0.000	93	1516540	200.0	203.0	
30 Acetonitrile	41	2.843	2.849	-0.006	99	931498	2000.0	2353.1	a
* 31 TBA-d9 (IS)	66	2.886	2.904	-0.018	51	51561	1000.0	1000.0	
32 Methylene Chloride	84	2.910	2.904	0.006	83	881224	200.0	195.7	
33 2-Methyl-2-propanol	59	2.965	2.971	-0.006	97	674940	2000.0	1890.5	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Methyl tert-butyl ether	73	3.056	3.062	-0.006	96	1828406	200.0	192.4	
35 trans-1,2-Dichloroethene	96	3.080	3.080	0.000	89	847670	200.0	185.3	
36 Acrylonitrile	53	3.147	3.153	-0.006	95	2637450	2000.0	2054.0	
37 Hexane	56	3.226	3.227	0.000	89	219048	200.0	189.6	
38 Isopropyl ether	45	3.427	3.433	-0.006	93	1890297	200.0	212.6	
39 1,1-Dichloroethane	63	3.458	3.458	0.000	99	1282347	200.0	200.1	
40 Vinyl acetate	86	3.470	3.470	0.000	99	350239	400.0	378.5	
41 2-Chloro-1,3-butadiene	88	3.500	3.500	0.000	87	736789	200.0	202.3	
42 Tert-butyl ethyl ether	59	3.731	3.738	-0.007	91	1780109	200.0	202.3	
* 43 2-Butanone-d5	46	3.914	3.914	0.000	90	316635	250.0	250.0	
44 2,2-Dichloropropane	79	3.932	3.932	0.000	92	306308	200.0	181.9	
45 cis-1,2-Dichloroethene	96	3.956	3.957	-0.001	99	930062	200.0	188.7	
46 2-Butanone (MEK)	72	3.969	3.969	0.000	100	488955	1000.0	899.3	
47 Ethyl acetate	70	3.975	3.975	0.000	96	168510	400.0	355.8	
48 Methyl acrylate	55	4.023	4.023	0.000	99	597197	200.0	213.3	
49 Propionitrile	54	4.096	4.096	0.000	98	1040021	2000.0	2080.2	
50 Tetrahydrofuran	72	4.169	4.176	-0.007	90	205092	400.0	352.5	
51 Chlorobromomethane	128	4.175	4.176	-0.001	76	523996	200.0	183.0	
52 Methacrylonitrile	67	4.200	4.194	0.006	88	3327249	2000.0	2108.9	
53 Chloroform	83	4.224	4.224	0.000	99	1370629	200.0	191.3	
54 Cyclohexane	84	4.352	4.346	0.006	84	785673	200.0	185.1	
55 1,1,1-Trichloroethane	97	4.364	4.364	0.000	98	1112003	200.0	185.1	
$ 56 Dibromofluoromethane (Surr)	113	4.376	4.376	0.000	96	199303	50.0	47.3	
57 Carbon tetrachloride	117	4.480	4.480	0.000	97	1014127	200.0	191.6	
58 1,1-Dichloropropene	75	4.504	4.504	0.000	97	998324	200.0	199.8	
59 Isobutyl alcohol	43	4.632	4.632	0.000	95	723365	5000.0	4873.0	
60 Isooctane	57	4.674	4.668	0.006	97	613313	200.0	181.1	a
61 Benzene	78	4.699	4.699	0.000	94	3034017	200.0	207.7	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.711	4.711	0.000	65	186904	50.0	48.1	
64 Isopropyl acetate	43	4.759	4.760	-0.001	96	1697689	200.0	218.4	
63 Tert-amyl methyl ether	73	4.766	4.766	0.000	91	2067098	200.0	200.6	
65 1,2-Dichloroethane	62	4.790	4.784	0.006	97	942678	200.0	186.4	
66 n-Heptane	57	4.851	4.851	0.000	85	189360	200.0	196.6	
* 67 Fluorobenzene	96	4.978	4.979	-0.001	100	707505	50.0	50.0	
68 n-Butanol	56	5.277	5.277	0.000	85	485656	5000.0	5119.5	
69 Trichloroethene	95	5.319	5.319	0.000	95	795339	200.0	188.0	
71 Methylcyclohexane	83	5.441	5.441	0.000	67	669882	200.0	190.5	
70 Ethyl acrylate	99	5.441	5.447	-0.006	97	110416	200.0	191.8	
72 1,2-Dichloropropane	63	5.605	5.599	0.006	93	714764	200.0	206.6	
* 73 1,4-Dioxane-d8	96	5.660	5.654	0.006	71	38431	1000.0	1000.0	M
74 Methyl methacrylate	100	5.684	5.684	0.000	81	468765	400.0	408.5	
75 1,4-Dioxane	88	5.708	5.709	-0.001	82	184430	4000.0	3868.7	
76 Dibromomethane	93	5.727	5.727	0.000	98	535897	200.0	190.1	
77 n-Propyl acetate	43	5.739	5.739	0.000	97	893040	200.0	214.0	
78 Dichlorobromomethane	83	5.879	5.879	0.000	99	1028456	200.0	197.5	
79 2-Nitropropane	41	6.207	6.214	-0.007	89	324736	400.0	406.2	
80 2-Chloroethyl vinyl ether	63	6.213	6.214	-0.001	86	374473	200.5	231.3	
81 Epichlorohydrin	57	6.317	6.311	0.006	99	1317782	4000.0	3704.8	
82 cis-1,3-Dichloropropene	75	6.372	6.366	0.006	88	1188724	200.0	211.9	
83 4-Methyl-2-pentanone (MIBK)	43	6.536	6.536	0.000	92	2784470	1000.0	943.4	
$ 84 Toluene-d8 (Surr)	98	6.609	6.609	0.000	99	683097	50.0	50.3	
85 Toluene	91	6.682	6.682	0.000	93	3089316	200.0	197.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	7.035	7.035	0.000	94	1066323	200.0	213.2	
87 Ethyl methacrylate	69	7.065	7.065	0.000	86	877751	200.0	205.4	
88 1,1,2-Trichloroethane	83	7.242	7.242	0.000	95	532106	200.0	188.7	
89 Tetrachloroethene	166	7.278	7.278	0.000	94	684228	200.0	189.9	
90 1,3-Dichloropropane	76	7.448	7.449	0.000	89	1008606	200.0	193.5	
91 2-Hexanone	58	7.515	7.515	0.000	92	1115873	1000.0	848.2	
92 n-Butyl acetate	43	7.631	7.637	-0.006	97	767733	200.0	205.2	
93 Chlorodibromomethane	129	7.673	7.674	-0.001	97	800557	200.0	196.8	
94 Ethylene Dibromide	107	7.826	7.820	0.006	98	736245	200.0	195.1	
* 95 Chlorobenzene-d5	117	8.367	8.367	0.000	81	546456	50.0	50.0	
96 Chlorobenzene	112	8.404	8.398	0.006	99	2098753	200.0	193.6	
97 Ethylbenzene	106	8.507	8.507	0.000	97	1054940	200.0	200.7	
98 1,1,1,2-Tetrachloroethane	131	8.525	8.525	0.000	97	835156	200.0	195.4	
99 m-Xylene & p-Xylene	106	8.665	8.665	0.000	96	1290561	200.0	207.5	
100 o-Xylene	106	9.182	9.182	0.000	95	1431015	200.0	219.9	
101 n-Butyl acrylate	73	9.182	9.182	0.000	63	582122	200.0	240.2	
102 Styrene	104	9.219	9.219	0.000	98	2381001	200.0	213.0	
104 Bromoform	173	9.462	9.462	0.000	94	544256	200.0	207.8	
103 Amyl acetate (mixed isomers)	43	9.462	9.462	0.000	93	1102206	200.0	244.8	
105 Isopropylbenzene	105	9.614	9.614	0.000	95	3243515	200.0	220.9	
$ 106 4-Bromofluorobenzene	174	9.839	9.839	0.000	91	201575	50.0	50.9	
107 Bromobenzene	156	9.979	9.979	0.000	95	928771	200.0	198.2	
108 1,1,2,2-Tetrachloroethane	83	10.046	10.046	0.000	98	1032899	200.0	213.6	
109 N-Propylbenzene	91	10.076	10.071	0.005	100	3326898	200.0	222.8	
110 1,2,3-Trichloropropane	110	10.095	10.095	0.000	96	317364	200.0	204.3	
111 trans-1,4-Dichloro-2-butene	53	10.119	10.119	0.000	96	228286	200.0	244.8	
112 2-Chlorotoluene	91	10.180	10.180	0.000	97	2602151	200.0	216.3	
113 4-Ethyltoluene	105	10.198	10.198	0.000	98	3059348	200.0	223.7	
114 1,3,5-Trimethylbenzene	105	10.271	10.271	0.000	93	2572287	200.0	224.5	
115 4-Chlorotoluene	91	10.308	10.308	0.000	96	2372044	200.0	211.1	
116 Butyl Methacrylate	87	10.393	10.393	0.000	84	1026858	200.0	204.4	
117 tert-Butylbenzene	119	10.581	10.582	-0.001	95	1934957	200.0	221.7	
118 1,2,4-Trimethylbenzene	105	10.648	10.642	0.006	96	2734830	200.0	223.0	
119 sec-Butylbenzene	105	10.794	10.794	0.000	99	2597546	200.0	219.4	
120 1,3-Dichlorobenzene	146	10.928	10.928	0.000	97	1605665	200.0	197.0	
121 4-Isopropyltoluene	119	10.940	10.934	0.006	98	2315107	200.0	223.6	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	94	310366	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.019	11.020	-0.001	96	1665503	200.0	193.4	
124 1,2,3-Trimethylbenzene	105	11.044	11.044	0.000	97	3231871	200.0	222.5	
125 Benzyl chloride	126	11.159	11.159	0.000	99	488148	200.0	228.6	
126 2,3-Dihydroindene	117	11.220	11.220	0.000	94	3377735	200.0	222.2	
127 p-Diethylbenzene	119	11.287	11.287	0.000	94	1186196	200.0	213.6	
128 n-Butylbenzene	92	11.305	11.305	0.000	96	999661	200.0	210.0	
129 1,2-Dichlorobenzene	146	11.354	11.354	0.000	97	1706998	200.0	199.0	
130 1,2,4,5-Tetramethylbenzene	119	11.956	11.956	0.000	97	2336793	200.0	231.7	
131 1,2-Dibromo-3-Chloropropane	157	12.035	12.036	-0.001	94	257040	200.0	199.4	
132 1,3,5-Trichlorobenzene	180	12.151	12.151	0.000	97	848491	200.0	202.6	
133 1,2,4-Trichlorobenzene	180	12.650	12.650	0.000	95	792488	200.0	202.5	
134 Hexachlorobutadiene	225	12.741	12.741	0.000	91	199838	200.0	191.9	
135 Naphthalene	128	12.845	12.845	0.000	99	2961826	200.0	220.8	
136 1,2,3-Trichlorobenzene	180	13.021	13.021	0.000	96	667973	200.0	204.9	
S 137 1,2-Dichloroethene, Total	100				0		400.0	374.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		400.0	427.4	
S 139 Total BTEX	1				0		1000.0	1033.7	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00138	Amount Added:	20.00	Units: uL	
8FreonHi_00042	Amount Added:	20.00	Units: uL	
Ethanol mix_00062	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00121	Amount Added:	20.00	Units: uL	
MIX I Hi_00148	Amount Added:	20.00	Units: uL	
GAS Hi_00411	Amount Added:	20.00	Units: uL	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00226	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Mar-2022 17:58:37 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47432.D

Injection Date: 31-Mar-2022 02:21:30 Instrument ID: CVOAMS11 Operator ID:

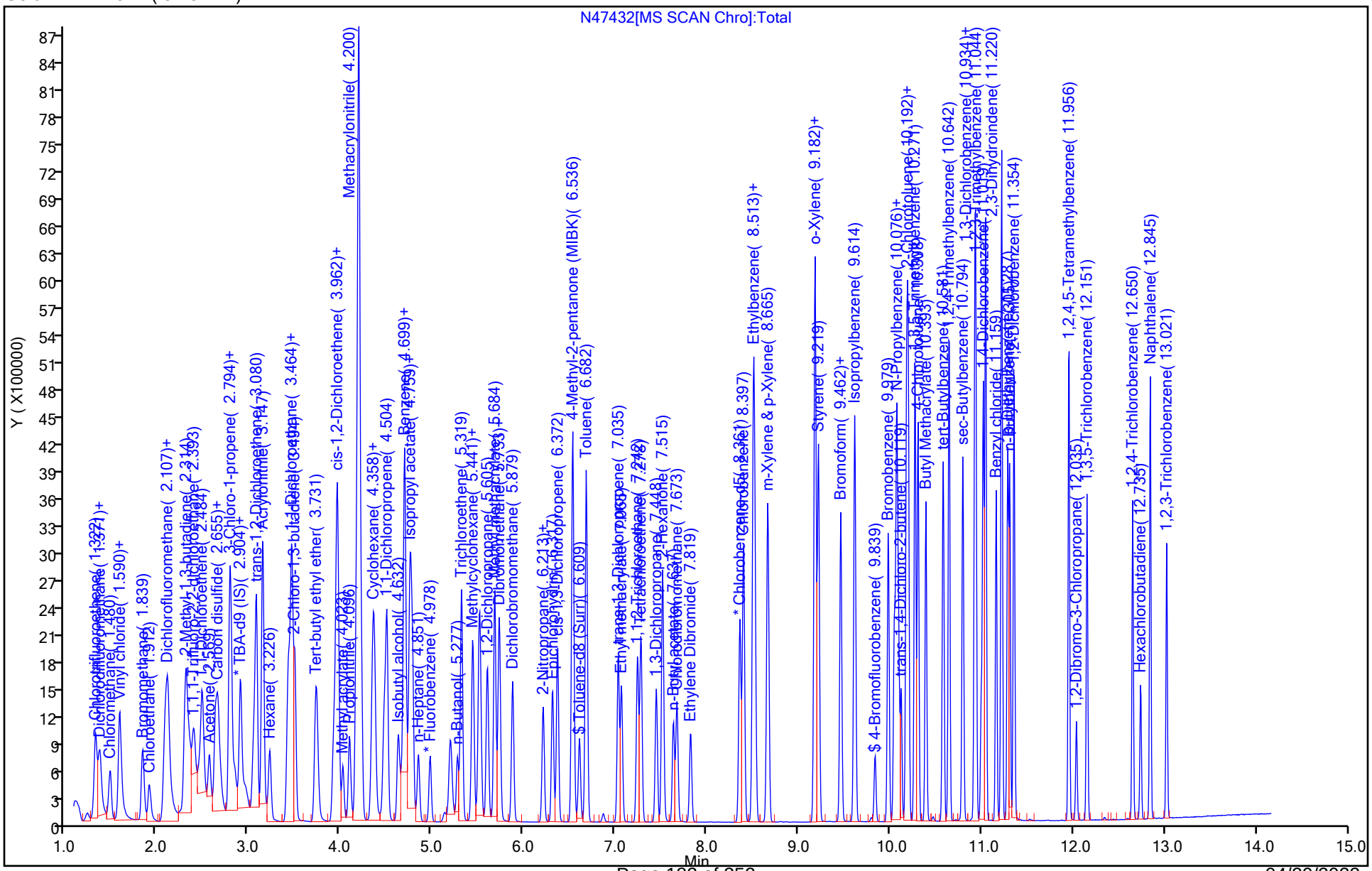
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 16

Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 31-Mar-2022 02:44:30 ALS Bottle#: 17 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0143422-009
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Mar-2022 17:58:42 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: boykink Date: 31-Mar-2022 03:55:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	1.316	1.322	-0.006	58	925311	500.0	560.4	
5 Dichlorodifluoromethane	85	1.347	1.353	-0.006	99	3003168	500.0	602.1	
6 Chlorodifluoromethane	51	1.365	1.371	-0.006	96	2178484	500.0	561.2	
7 Chloromethane	52	1.480	1.474	0.006	99	635061	500.0	577.6	
8 Vinyl chloride	62	1.578	1.584	-0.006	98	2208211	500.0	529.9	
9 Butadiene	54	1.590	1.584	0.006	93	1510208	500.0	572.1	
10 Bromomethane	94	1.833	1.833	0.000	99	1668111	500.0	517.4	
11 Chloroethane	64	1.900	1.912	-0.012	99	1137915	500.0	516.8	
12 Dichlorofluoromethane	67	2.083	2.089	-0.006	99	3386835	500.0	520.1	
13 Trichlorofluoromethane	101	2.089	2.095	-0.006	98	2979251	500.0	525.6	
14 Pentane	72	2.107	2.113	-0.006	96	384222	1000.0	983.4	
15 Ethanol	46	2.283	2.271	0.012	70	277643	20000	21325	
16 Ethyl ether	74	2.290	2.296	-0.006	91	961577	500.0	482.7	
17 2-Methyl-1,3-butadiene	53	2.302	2.314	-0.012	94	1030797	500.0	504.2	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	2.338	2.338	0.000	85	1898778	500.0	528.6	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.393	2.399	-0.006	94	2546227	500.0	538.2	a
20 Acrolein	56	2.448	2.460	-0.012	86	146243	405.6	411.1	
21 112TCTFE	101	2.460	2.478	-0.018	94	1222018	500.0	471.4	
22 1,1-Dichloroethene	96	2.484	2.490	-0.006	93	1904488	500.0	521.4	
23 Acetone	58	2.563	2.569	-0.006	88	816428	2500.0	2558.0	
24 Iodomethane	142	2.630	2.636	-0.006	96	3837079	500.0	498.3	
25 Isopropyl alcohol	45	2.642	2.655	-0.013	97	817524	5000.0	4595.5	a
26 Carbon disulfide	76	2.661	2.661	0.000	98	5970444	500.0	512.9	
27 3-Chloro-1-propene	76	2.776	2.782	-0.006	89	1471249	500.0	576.5	
28 Methyl acetate	74	2.788	2.795	-0.007	96	621608	1000.0	924.2	
29 Cyclopentene	67	2.795	2.807	-0.013	89	3588152	500.0	512.9	
30 Acetonitrile	41	2.837	2.849	-0.012	100	1848007	5000.0	4695.4	a
* 31 TBA-d9 (IS)	66	2.904	2.904	0.000	40	51263	1000.0	1000.0	
32 Methylene Chloride	84	2.904	2.904	0.000	81	2064667	500.0	489.6	
33 2-Methyl-2-propanol	59	2.965	2.971	-0.006	97	1599168	5000.0	4505.3	Ma

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Methyl tert-butyl ether	73	3.050	3.062	-0.012	95	4255911	500.0	478.3	
35 trans-1,2-Dichloroethene	96	3.074	3.080	-0.006	89	2037299	500.0	475.7	
36 Acrylonitrile	53	3.147	3.153	-0.006	94	5859490	5000.0	4589.8	
37 Hexane	56	3.220	3.227	-0.006	88	510767	500.0	472.2	
38 Isopropyl ether	45	3.427	3.433	-0.006	93	3978457	500.0	477.9	
39 1,1-Dichloroethane	63	3.458	3.458	0.000	99	2953485	500.0	492.3	
40 Vinyl acetate	86	3.470	3.470	0.000	99	846168	1000.0	1048.6	
41 2-Chloro-1,3-butadiene	88	3.494	3.500	-0.006	86	1777016	500.0	521.3	
42 Tert-butyl ethyl ether	59	3.731	3.738	-0.007	91	3852278	500.0	467.5	
* 43 2-Butanone-d5	46	3.914	3.914	0.000	87	276108	250.0	250.0	
44 2,2-Dichloropropane	79	3.932	3.932	0.000	92	704829	500.0	447.0	
45 cis-1,2-Dichloroethene	96	3.950	3.957	-0.007	99	2236038	500.0	484.5	
46 2-Butanone (MEK)	72	3.969	3.969	0.000	98	1148966	2500.0	2423.4	
47 Ethyl acetate	70	3.975	3.975	0.000	97	398398	1000.0	964.6	
48 Methyl acrylate	55	4.023	4.023	0.000	99	1385327	500.0	528.6	
49 Propionitrile	54	4.096	4.096	0.000	98	2367881	5000.0	4763.5	
50 Tetrahydrofuran	72	4.163	4.176	-0.013	86	491980	1000.0	969.7	
51 Chlorobromomethane	128	4.169	4.176	-0.007	73	1256706	500.0	468.7	
52 Methacrylonitrile	67	4.200	4.194	0.006	87	7616070	5000.0	5155.8	
53 Chloroform	83	4.224	4.224	0.000	99	3241545	500.0	483.1	
54 Cyclohexane	84	4.346	4.346	0.000	82	1900197	500.0	478.2	
55 1,1,1-Trichloroethane	97	4.358	4.364	-0.006	97	2615557	500.0	465.0	
$ 56 Dibromofluoromethane (Surr)	113	4.376	4.376	0.000	96	195747	50.0	49.6	
57 Carbon tetrachloride	117	4.474	4.480	-0.006	97	2511973	500.0	506.8	
58 1,1-Dichloropropene	75	4.504	4.504	0.000	97	2391084	500.0	511.1	
59 Isobutyl alcohol	43	4.632	4.632	0.000	95	1660439	12500	11251	
60 Isooctane	57	4.674	4.668	0.006	94	1424026	500.0	449.0	a
61 Benzene	78	4.693	4.699	-0.006	94	7290273	500.0	489.5	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.711	4.711	0.000	44	195551	50.0	53.8	
64 Isopropyl acetate	43	4.753	4.760	-0.007	95	3675812	500.0	505.1	
63 Tert-amyl methyl ether	73	4.760	4.766	-0.006	90	4488533	500.0	465.3	
65 1,2-Dichloroethane	62	4.784	4.784	0.000	97	2280011	500.0	481.5	
66 n-Heptane	57	4.845	4.851	-0.006	84	474334	500.0	525.9	
* 67 Fluorobenzene	96	4.979	4.979	-0.001	100	662404	50.0	50.0	
68 n-Butanol	56	5.277	5.277	0.000	84	1178306	12500	12484	
69 Trichloroethene	95	5.319	5.319	0.000	95	1972277	500.0	497.9	
71 Methylcyclohexane	83	5.441	5.441	0.000	68	1573099	500.0	477.9	
70 Ethyl acrylate	99	5.441	5.447	-0.006	97	276059	500.0	512.3	
72 1,2-Dichloropropane	63	5.605	5.599	0.006	91	1641085	500.0	506.8	
* 73 1,4-Dioxane-d8	96	5.654	5.654	0.000	61	34764	1000.0	1000.0	
74 Methyl methacrylate	100	5.684	5.684	0.000	79	1175124	1000.0	1093.9	
75 1,4-Dioxane	88	5.709	5.709	0.000	82	469043	10000	10915	
76 Dibromomethane	93	5.727	5.727	0.000	98	1292652	500.0	489.8	
77 n-Propyl acetate	43	5.739	5.739	0.000	96	1970513	500.0	504.3	
78 Dichlorobromomethane	83	5.879	5.879	0.000	98	2527509	500.0	518.4	
79 2-Nitropropane	41	6.207	6.214	-0.007	89	837984	1000.0	1054.3	
80 2-Chloroethyl vinyl ether	63	6.213	6.214	-0.001	84	880464	501.2	580.8	
81 Epichlorohydrin	57	6.317	6.311	0.006	99	3365413	10000	10850	
82 cis-1,3-Dichloropropene	75	6.372	6.366	0.006	88	3056479	500.0	534.5	
83 4-Methyl-2-pentanone (MIBK)	43	6.536	6.536	0.000	93	7032742	2500.0	2732.5	
$ 84 Toluene-d8 (Surr)	98	6.609	6.609	0.000	98	728616	50.0	52.6	
85 Toluene	91	6.682	6.682	0.000	93	8146007	500.0	512.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	7.035	7.035	0.000	94	2787331	500.0	546.6	
87 Ethyl methacrylate	69	7.065	7.065	0.000	85	2245276	500.0	560.5	
88 1,1,2-Trichloroethane	83	7.242	7.242	0.000	95	1438779	500.0	500.5	
89 Tetrachloroethene	166	7.278	7.278	0.000	94	1827463	500.0	497.5	
90 1,3-Dichloropropane	76	7.448	7.449	0.000	89	2768140	500.0	521.0	
91 2-Hexanone	58	7.515	7.515	0.000	92	3040845	2500.0	2646.2	
92 n-Butyl acetate	43	7.631	7.637	-0.006	97	2071588	500.0	543.1	
93 Chlorodibromomethane	129	7.674	7.674	0.000	97	2187439	500.0	527.7	
94 Ethylene Dibromide	107	7.820	7.820	0.000	98	1992360	500.0	518.0	
* 95 Chlorobenzene-d5	117	8.367	8.367	0.000	79	557009	50.0	50.0	
96 Chlorobenzene	112	8.404	8.398	0.006	99	5706056	500.0	516.5	
97 Ethylbenzene	106	8.507	8.507	0.000	97	2869589	500.0	535.7	
98 1,1,1,2-Tetrachloroethane	131	8.525	8.525	0.000	97	2236060	500.0	513.4	
99 m-Xylene & p-Xylene	106	8.665	8.665	0.000	97	3454768	500.0	545.0	
100 o-Xylene	106	9.182	9.182	0.000	95	3590822	500.0	541.2	
101 n-Butyl acrylate	73	9.182	9.182	0.000	64	1447568	500.0	586.0	
102 Styrene	104	9.219	9.219	0.000	98	6090827	500.0	533.9	
104 Bromoform	173	9.462	9.462	0.000	95	1378801	500.0	537.5	
103 Amyl acetate (mixed isomers)	43	9.462	9.462	0.000	92	2491686	500.0	565.0	
105 Isopropylbenzene	105	9.614	9.614	0.000	94	8066149	500.0	538.8	
$ 106 4-Bromofluorobenzene	174	9.839	9.839	0.000	90	210780	50.0	52.2	
107 Bromobenzene	156	9.985	9.979	0.006	93	2341192	500.0	510.1	
108 1,1,2,2-Tetrachloroethane	83	10.046	10.046	0.000	98	2457757	500.0	518.9	
109 N-Propylbenzene	91	10.077	10.071	0.006	100	8060744	500.0	551.2	
110 1,2,3-Trichloropropane	110	10.095	10.095	0.000	96	769632	500.0	505.9	
111 trans-1,4-Dichloro-2-butene	53	10.119	10.119	0.000	92	558843	500.0	611.9	
112 2-Chlorotoluene	91	10.186	10.180	0.006	97	6390645	500.0	542.4	
113 4-Ethyltoluene	105	10.198	10.198	0.000	98	7500187	500.0	560.0	
114 1,3,5-Trimethylbenzene	105	10.271	10.271	0.000	93	6423375	500.0	572.4	
115 4-Chlorotoluene	91	10.308	10.308	0.000	95	5900818	500.0	536.3	
116 Butyl Methacrylate	87	10.393	10.393	0.000	83	2692325	500.0	499.5	
117 tert-Butylbenzene	119	10.581	10.582	-0.001	96	4946295	500.0	578.6	
118 1,2,4-Trimethylbenzene	105	10.648	10.642	0.006	96	6826850	500.0	568.4	
119 sec-Butylbenzene	105	10.794	10.794	0.000	99	6531780	500.0	563.4	
120 1,3-Dichlorobenzene	146	10.928	10.928	0.000	97	4042032	500.0	506.2	
121 4-Isopropyltoluene	119	10.940	10.934	0.006	98	5852006	500.0	577.2	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	92	303971	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.020	11.020	0.000	96	4234579	500.0	502.1	
124 1,2,3-Trimethylbenzene	105	11.044	11.044	0.000	97	8077458	500.0	567.8	
125 Benzyl chloride	126	11.159	11.159	0.000	100	1251167	500.0	598.3	
126 2,3-Dihydroindene	117	11.220	11.220	0.000	94	8402922	500.0	564.3	
127 p-Diethylbenzene	119	11.287	11.287	0.000	94	2978375	500.0	547.6	
128 n-Butylbenzene	92	11.305	11.305	0.000	96	2451222	500.0	525.8	
129 1,2-Dichlorobenzene	146	11.354	11.354	0.000	97	4324940	500.0	514.8	
130 1,2,4,5-Tetramethylbenzene	119	11.956	11.956	0.000	97	5985370	500.0	606.0	
131 1,2-Dibromo-3-Chloropropane	157	12.035	12.036	-0.001	92	666207	500.0	527.7	
132 1,3,5-Trichlorobenzene	180	12.151	12.151	0.000	98	2075384	500.0	505.9	
133 1,2,4-Trichlorobenzene	180	12.650	12.650	0.000	94	1973314	500.0	514.7	
134 Hexachlorobutadiene	225	12.741	12.741	0.000	91	503300	500.0	493.5	
135 Naphthalene	128	12.845	12.845	0.000	99	7431832	500.0	565.7	
136 1,2,3-Trichlorobenzene	180	13.021	13.021	0.000	96	1652000	500.0	517.5	
S 137 1,2-Dichloroethene, Total	100				0		1000.0	960.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		1000.0	1086.3	
S 139 Total BTEX	1				0		2500.0	2623.5	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GAS Hi_00411	Amount Added: 50.00	Units: uL		
MIX 2 Hi_00121	Amount Added: 50.00	Units: uL		
MIX I Hi_00148	Amount Added: 50.00	Units: uL		
Ethanol mix_00062	Amount Added: 50.00	Units: uL		
ACROLEIN W_00138	Amount Added: 40.00	Units: uL		
8FreonHi_00042	Amount Added: 50.00	Units: uL		
8260ISNEW_00120	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00226	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 31-Mar-2022 17:58:44 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Injection Date: 31-Mar-2022 02:44:30 Instrument ID: CVOAMS11 Operator ID:

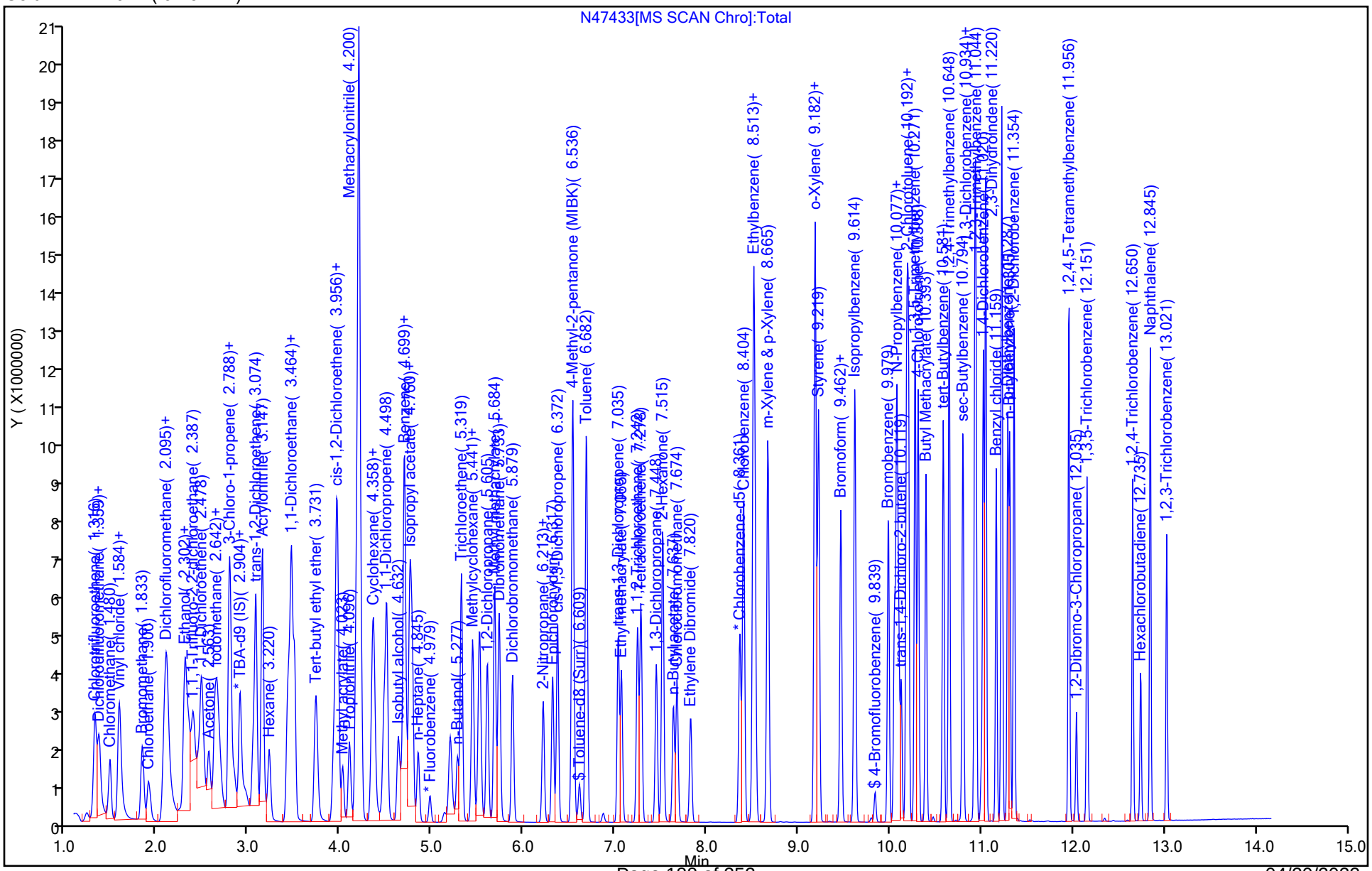
Lims ID: STD500 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 17

Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-837357/4	B85235.D
Level 2	STD5 460-837357/5	B85236.D
Level 3	STD20 460-837357/17	B85248.D
Level 4	STD50 460-837357/7	B85238.D
Level 5	STD200 460-837357/8	B85239.D
Level 6	STD500 460-837357/9	B85240.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.4518 0.4182	0.3949	0.4982	0.5016	0.4536	Ave		0.4530			0.1000	9.4		20.0			
Chlorodifluoromethane	0.1006 0.0563	0.0692	0.0675	0.0651	0.0607	Lin2	0.0393	0.0615							0.9970		0.9900
Chloromethane	0.6911 0.5264	0.6926	0.6694	0.6723	0.5789	Ave		0.6384			0.1000	10.8		20.0			
Butadiene	0.3260 0.3506	0.4143	0.4599	0.4518	0.3864	Ave		0.3982				13.6		20.0			
Vinyl chloride	0.4366 0.3541	0.4780	0.4713	0.4572	0.3919	Ave		0.4315			0.1000	11.3		20.0			
Bromomethane	0.2686 0.1696	0.2793	0.2664	0.2288	0.2121	Ave		0.2375			0.1000	17.8		20.0			
Chloroethane	0.2531 +++++	0.2356	0.2436	0.2002	0.1880	Ave		0.2241			0.1000	12.7		20.0			
Dichlorofluoromethane	0.6218 0.4083	0.6121	0.6373	0.5519	0.5070	Ave		0.5564				15.7		20.0			
Pentane	0.0535 0.0336	0.0494	0.0549	0.0462	0.0405	Ave		0.0463				17.6		20.0			
Trichlorofluoromethane	0.4031 0.3313	0.4485	0.4855	0.4404	0.3894	Ave		0.4164			0.1000	12.9		20.0			
Ethanol	0.0386 0.0304	0.0335	0.0294	0.0382	0.0359	Ave		0.0343				11.4		20.0			
Ethyl ether	0.2312 0.1456	0.2339	0.2067	0.2013	0.1693	Ave		0.1980				17.6		20.0			
2-Methyl-1,3-butadiene	0.2862 0.2060	0.2183	0.2789	0.2798	0.2379	Ave		0.2512				13.9		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	0.2626 0.1903	0.2476	0.2471	0.2339	0.2123	Ave		0.2323				11.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrolein	0.7644 0.6375	0.6945	0.7522	0.6084	0.7316	Ave		0.6981				9.1		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	0.4325 0.3226	0.4156	0.4201	0.4119	0.3586	Ave		0.3936				11.0		20.0			
1,1-Dichloroethene	0.2260 0.1841	0.2221	0.2527	0.2476	0.2001	Ave		0.2221			0.1000	12.0		20.0			
Acetone	0.7325 0.6145	0.7379	0.6167	0.6208	0.6989	Ave		0.6702			0.0500	8.9		20.0			
1,1,2-Trichloro-1,2,2-trifluoroeth ane	0.2595 0.2194	0.2650	0.2906	0.2892	0.2397	Ave		0.2606			0.1000	10.7		20.0			
Iodomethane	0.4170 0.3318	0.4340	0.4309	0.4219	0.3596	Ave		0.3992				10.7		20.0			
Carbon disulfide	0.9575 0.8049	0.9418	1.0272	1.0299	0.8683	Ave		0.9383			0.1000	9.5		20.0			
Isopropyl alcohol	0.9385 0.6975	0.6434	0.5752	0.7986	0.7463	Ave		0.7333				17.3		20.0			
3-Chloro-1-propene	0.4163 0.3377	0.4020	0.4472	0.4712	0.3563	Ave		0.4051				12.7		20.0			
Methyl acetate	0.1908 0.1574	0.1960	0.2090	0.2474	0.1707	Ave		0.1952			0.1000	16.1		20.0			
Acetonitrile	0.4313 0.6244	0.5840	0.6274	0.5425	0.6349	Ave		0.5741				13.6		20.0			
Methylene Chloride	0.3629 0.2285	0.3097	0.2903	0.2918	0.2436	Ave		0.2878			0.1000	16.7		20.0			
2-Methyl-2-propanol	1.0592 0.9590	0.9475	0.9474	1.0275	0.9930	Ave		0.9889				4.7		20.0			
Acrylonitrile	2.6800 2.4226	2.7824	2.7543	2.4413	2.6216	Ave		2.6170				5.9		20.0			
trans-1,2-Dichloroethene	0.3033 0.2048	0.2649	0.2774	0.2721	0.2223	Ave		0.2575			0.1000	14.3		20.0			
Methyl tert-butyl ether	0.7686 0.6073	0.7824	0.7376	0.7636	0.6466	Ave		0.7177			0.1000	10.1		20.0			
Hexane	0.4166 0.3822	0.3998	0.4794	0.5001	0.3905	Ave		0.4281				11.6		20.0			
1,1-Dichloroethane	0.5617 0.4951	0.5616	0.5570	0.5768	0.4947	Ave		0.5412			0.2000	6.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Vinyl acetate	0.2478 0.2738	0.2668	0.3184	0.2184	0.2382	Ave		0.2606				13.3		20.0			
2-Chloro-1,3-butadiene	0.2341 0.2337	0.2258	0.2439	0.2546	0.2315	Ave		0.2373				4.4		20.0			
Isopropyl ether	0.9828 0.9936	1.0407	1.0090	1.0789	1.0039	Ave		1.0181				3.5		20.0			
Tert-butyl ethyl ether	0.2893 0.2996	0.2689	0.2831	0.3043	0.2939	Ave		0.2898				4.4		20.0			
cis-1,2-Dichloroethene	0.2403 0.2563	0.2750	0.2711	0.2831	0.2548	Ave		0.2634			0.1000	6.0		20.0			
2,2-Dichloropropane	0.1634 0.1276	0.1395	0.1446	0.1458	0.1273	Ave		0.1414				9.5		20.0			
2-Butanone (MEK)	0.2164 0.2106	0.2021	0.2058	0.2039	0.2108	Ave		0.2083			0.0500	2.5		20.0			
Propionitrile	0.2665 0.2768	0.2557	0.2617	0.2759	0.2713	Ave		0.2680				3.1		20.0			
Ethyl acetate	0.1617 0.1718	0.1775	0.1799	0.1601	0.1606	Ave		0.1686				5.3		20.0			
Methyl acrylate	0.2280 0.2428	0.2547	0.2405	0.3000	0.2392	Ave		0.2509				10.2		20.0			
Chlorobromomethane	0.1344 0.1099	0.1256	0.1231	0.1286	0.1118	Ave		0.1222				7.9		20.0			
Methacrylonitrile	0.0873 0.0845	0.0906	0.0894	0.1060	0.0854	Ave		0.0905				8.7		20.0			
Tetrahydrofuran	0.1670 0.2322	0.2175	0.2363	0.2341	0.2269	Ave		0.2190				12.0		20.0			
Chloroform	0.4509 0.4302	0.4537	0.4642	0.4754	0.4243	Ave		0.4498			0.2000	4.3		20.0			
1,1,1-Trichloroethane	0.3365 0.3928	0.3775	0.4340	0.4477	0.3847	Ave		0.3955			0.1000	10.2		20.0			
Cyclohexane	0.3204 0.4121	0.3393	0.4293	0.4637	0.4093	Ave		0.3957			0.1000	13.9		20.0			
1,1-Dichloropropene	0.2757 0.3461	0.3219	0.3648	0.3916	0.3326	Ave		0.3388				11.7		20.0			
Carbon tetrachloride	0.2973 0.3312	0.3120	0.3465	0.3754	0.3230	Ave		0.3309			0.1000	8.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzene	1.3308 1.4525	1.6994	1.6066	1.6864	1.4347	Ave		1.5351			0.5000	9.8		20.0			
1,2-Dichloroethane	0.3542 0.3070	0.3429	0.3259	0.3424	0.3009	Ave		0.3289			0.1000	6.5		20.0			
Isobutyl alcohol	0.1115 0.2617	0.1429	0.1351	0.1890	0.2474	QuaF		0.2283	0.0000027						0.9990		0.9900
Tert-amyl methyl ether	0.6660 0.8871	0.6921	0.7475	0.9152	0.8575	Ave		0.7942				13.4		20.0			
Isopropyl acetate	0.7101 +++++	0.8539	0.9212	1.0763	1.1803	Ave		0.9483				19.5		20.0			
n-Heptane	0.4743 0.4918	0.4725	0.5650	0.6085	0.5003	Ave		0.5187				10.7		20.0			
Trichloroethene	0.2001 0.2319	0.2283	0.2450	0.2554	0.2265	Ave		0.2312			0.2000	8.2		20.0			
n-Butanol	0.0461 0.1128	0.0153	0.0322	0.0480	0.0962	QuaF		0.0783	0.0000028						0.9980		0.9900
Methylcyclohexane	0.3579 0.4914	0.3656	0.4948	0.5319	0.4776	Ave		0.4532			0.1000	16.1		20.0			
Ethyl acrylate	0.5334 0.7241	0.5616	0.6961	0.8169	0.7049	Ave		0.6728				15.8		20.0			
1,2-Dichloropropane	0.2371 0.2577	0.2521	0.2745	0.2883	0.2597	Ave		0.2616			0.1000	6.8		20.0			
Dibromomethane	0.1255 0.1255	0.1379	0.1314	0.1444	0.1239	Ave		0.1315				6.3		20.0			
1,4-Dioxane	0.5605 +++++	1.0166	1.0668	1.0519	0.9064	Lin2	-9.217	1.0379							0.9930		0.9900
Methyl methacrylate	0.0427 0.0479	0.0366	0.0433	0.0532	0.0471	Ave		0.0451				12.5		20.0			
Dichlorobromomethane	0.2962 0.3013	0.2901	0.2945	0.3162	0.2947	Ave		0.2988			0.2000	3.1		20.0			
n-Propyl acetate	0.2399 0.3167	0.2305	0.3031	0.3698	0.3100	Ave		0.2950				17.6		20.0			
2-Nitropropane	0.0972 0.0544	0.0454	0.0478	0.0607	0.0521	QuaF		0.0519	0.0000025						1.0000		0.9900
2-Chloroethyl vinyl ether	0.0447 0.0774	0.0491	0.0595	0.0724	0.0695	Qua2	-0.019	0.0617	0.0000338						0.9910		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Epichlorohydrin	0.1071 0.1746	0.1283	0.1533	0.1627	0.1681	Ave		0.1490				17.5		20.0			
cis-1,3-Dichloropropene	0.3868 0.5612	0.5037	0.5408	0.5986	0.5572	Ave		0.5247			0.2000	14.1		20.0			
4-Methyl-2-pentanone (MIBK)	1.7446 1.8963	1.5093	1.6976	1.7989	1.8710	Ave		1.7529			0.0500	8.0		20.0			
Toluene	1.3270 1.4326	1.5671	1.5451	1.6286	1.4411	Ave		1.4902			0.4000	7.4		20.0			
trans-1,3-Dichloropropene	0.3474 0.4807	0.4045	0.4293	0.4868	0.4621	Ave		0.4351			0.1000	12.2		20.0			
1,1,2-Trichloroethane	0.1995 0.2223	0.2483	0.2354	0.2559	0.2231	Ave		0.2308			0.1000	8.8		20.0			
Ethyl methacrylate	0.1764 0.2653	0.1718	0.2114	0.2665	0.2523	Ave		0.2240				19.4		20.0			
Tetrachloroethene	0.2649 0.3203	0.3184	0.3512	0.3609	0.3173	Ave		0.3222			0.2000	10.5		20.0			
1,3-Dichloropropane	0.4815 0.4695	0.4852	0.4742	0.5169	0.4600	Ave		0.4812				4.1		20.0			
2-Hexanone	0.7539 1.2596	0.7710	1.0353	1.1458	1.2241	Qua2	-1.535	1.0246	0.0001120		0.0500				0.9900		0.9900
Chlorodibromomethane	0.2358 0.3002	0.2647	0.2840	0.3051	0.2907	Ave		0.2801			0.1000	9.3		20.0			
Ethylene Dibromide	0.2204 0.2550	0.2426	0.2484	0.2833	0.2484	Ave		0.2497			0.1000	8.1		20.0			
n-Butyl acetate	0.3855 0.5146	0.3860	0.4183	0.5614	0.4904	Ave		0.4593				16.0		20.0			
Chlorobenzene	0.7974 0.8614	0.8515	0.8893	0.9115	0.8335	Ave		0.8574			0.5000	4.7		20.0			
1,1,1,2-Tetrachloroethane	0.2483 0.3366	0.3311	0.3002	0.3344	0.3231	Ave		0.3123				10.9		20.0			
Ethylbenzene	0.3438 0.5042	0.4160	0.5017	0.5318	0.4900	Ave		0.4646			0.1000	15.2		20.0			
m-Xylene & p-Xylene	0.3601 0.6134	0.4582	0.5744	0.6365	0.5916	Ave		0.5390			0.1000	19.9		20.0			
o-Xylene	0.3957 0.6107	0.4839	0.5529	0.6138	0.5915	Ave		0.5414			0.3000	15.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Styrene	0.5699 1.0238	0.6780	0.8741	0.9887	0.9794	Qua2	-0.337	0.8813	0.0003303		0.3000				0.9920		0.9900
n-Butyl acrylate	0.0838 0.2317	0.1323	0.1588	0.2174	0.2198	QuaF		0.2109	0.0000417						1.0000		0.9900
Bromoform	0.1330 0.1952	0.1508	0.1651	0.1889	0.1821	Ave		0.1692			0.1000	14.2		20.0			
Amyl acetate (mixed isomers)	0.6711 1.0428	0.6454	0.8024	1.0438	1.0009	QuaF		0.9771	0.0001313						1.0000		0.9900
Isopropylbenzene	0.9326 1.7411	1.2516	1.5541	1.7371	1.6774	Lin2	-0.759	1.6440			0.1000				0.9930		0.9900
Bromobenzene	0.5796 0.6093	0.6222	0.6690	0.6631	0.5934	Ave		0.6228				5.9		20.0			
1,2,3-Trichloropropane	0.1596 0.1613	0.1901	0.1780	0.1959	0.1587	Ave		0.1739				9.5		20.0			
1,1,2,2-Tetrachloroethane	0.7149 0.6111	0.6800	0.6700	0.7168	0.5925	Ave		0.6642			0.3000	7.8		20.0			
trans-1,4-Dichloro-2-butene	0.1827 0.2080	0.1762	0.2014	0.2368	0.1995	Ave		0.2008				10.6		20.0			
N-Propylbenzene	0.6103 0.7630	0.5986	0.7940	0.8139	0.7431	Ave		0.7205				12.9		20.0			
2-Chlorotoluene	0.5518 0.6594	0.5783	0.7199	0.7110	0.6456	Ave		0.6443				10.6		20.0			
4-Ethyltoluene	1.8319 2.9061	2.2858	2.8398	2.9400	2.8048	Ave		2.6014				17.2		20.0			
4-Chlorotoluene	1.9167 2.4237	2.1082	2.4083	2.5172	2.3240	Ave		2.2830				9.9		20.0			
1,3,5-Trimethylbenzene	1.6826 2.5529	1.9425	2.4505	2.5595	2.4521	Ave		2.2734				16.2		20.0			
Butyl Methacrylate	0.4104 0.7746	0.4072	0.5331	0.6607	0.7242	QuaF		0.6812	0.0001874						1.0000		0.9900
tert-Butylbenzene	1.2581 2.0777	1.4691	1.8974	2.0562	1.9525	Ave		1.7852				19.0		20.0			
1,2,4-Trimethylbenzene	1.5588 2.6042	1.9324	2.4593	2.5438	2.4727	Ave		2.2619				18.6		20.0			
sec-Butylbenzene	2.0767 3.3872	2.3242	3.1849	3.3990	3.2398	Ave		2.9353				19.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,3-Dichlorobenzene	1.1442 1.2880	1.1864	1.3394	1.3371	1.2405	Ave		1.2559			0.6000	6.4		20.0			
1,4-Dichlorobenzene	1.3051 1.2741	1.2490	1.3575	1.3329	1.2203	Ave		1.2898			0.5000	4.0		20.0			
4-Isopropyltoluene	1.7625 2.8519	2.1169	2.6993	2.7557	2.7077	Ave		2.4824				17.7		20.0			
1,2,3-Trimethylbenzene	1.7357 2.8658	2.0381	2.5136	2.6458	2.7231	Ave		2.4203				18.1		20.0			
Benzyl chloride	0.1356 0.2425	0.1431	0.1986	0.2237	0.2235	QuaF		0.2117	0.0000615						1.0000		0.9900
Indan	0.5267 0.9675	0.5837	0.7328	0.8427	0.9037	Qua2	-0.242	0.7459	0.0005031						0.9920		0.9900
1,2-Dichlorobenzene	1.0191 1.2485	1.1627	1.2433	1.2857	1.2034	Ave		1.1938			0.4000	8.0		20.0			
p-Diethylbenzene	0.6916 1.5143	1.0188	1.3589	1.4276	1.4223	Lin2	-0.752	1.3990							0.9920		0.9900
n-Butylbenzene	0.8269 1.6161	1.1777	1.5131	1.5930	1.5300	Lin2	-0.748	1.5352							0.9950		0.9900
1,2-Dibromo-3-Chloropropane	0.1161 0.1203	0.1188	0.1059	0.1307	0.1080	Ave		0.1167			0.0500	7.7		20.0			
1,2,4,5-Tetramethylbenzene	1.1852 2.7976	1.4532	2.0502	2.1624	2.3875	Qua2	-0.826	1.9495	0.0017956						0.9930		0.9900
1,3,5-Trichlorobenzene	0.7133 1.1373	0.8984	0.9763	0.9394	0.9756	Ave		0.9401				14.6		20.0			
1,2,4-Trichlorobenzene	0.6583 0.9703	0.8048	0.8558	0.8251	0.7952	Ave		0.8182			0.2000	12.3		20.0			
Hexachlorobutadiene	0.3896 0.5470	0.3819	0.4598	0.4467	0.4500	Ave		0.4459				13.3		20.0			
Naphthalene	1.4583 2.3923	1.5925	1.7324	2.0218	1.9560	Ave		1.8589				18.1		20.0			
1,2,3-Trichlorobenzene	0.7232 0.9344	0.7768	0.8060	0.8042	0.7695	Ave		0.8024				8.9		20.0			
Dibromofluoromethane (Surr)	0.2566 0.2429	0.2470	0.2446	0.2474	0.2389	Ave		0.2462				2.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3049 0.2810	0.2988	0.2910	0.2996	0.2752	Ave		0.2918				4.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Toluene-d8 (Surr)	1.3211 1.4402	1.5184	1.4559	1.4973	1.4637	Ave		1.4494				4.8		20.0			
4-Bromofluorobenzene	0.7545 0.6713	0.6991	0.7244	0.6967	0.6756	Ave		0.7036				4.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-837357/4	B85235.D
Level 2	STD5 460-837357/5	B85236.D
Level 3	STD20 460-837357/17	B85248.D
Level 4	STD50 460-837357/7	B85238.D
Level 5	STD200 460-837357/8	B85239.D
Level 6	STD500 460-837357/9	B85240.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	4302 2823529	17405	102954	249354	1120943	1.00 500	5.00	20.0	50.0	200
Chlorodifluoromethane	FB	Lin2	958 380385	3050	13951	32342	149932	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	6580 3553822	30528	138323	334248	1430618	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	3104 2367317	18263	95038	224613	954944	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	4157 2390929	21071	97397	227280	968452	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	2558 1144907	12312	55053	113740	524221	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	2410 +++++	10384	50330	99520	464656	1.00 +++++	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	5921 2756880	26978	131686	274375	1253082	1.00 500	5.00	20.0	50.0	200
Pentane	FB	Ave	1018 453161	4357	22710	45950	200140	2.00 1000	10.0	40.0	100	400
Trichlorofluoromethane	FB	Ave	3838 2236722	19768	100321	218952	962429	1.00 500	5.00	20.0	50.0	200
Ethanol	TBAd9	Ave	617 239848	2313	8545	34781	105123	40.0 20000	200	800	2000	8000
Ethyl ether	FB	Ave	2201 983270	10309	42716	100070	418406	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	2725 1390868	9623	57636	139095	588041	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	2500 1284822	10915	51059	116305	524711	1.00 500	5.00	20.0	50.0	200
Acrolein	TBAd9	Ave	30960 153197	48588	83080	112267	135866	101 608	203	304	406	507
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	4118 2178303	18318	86809	204795	886280	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	2152 1242677	9788	52225	123106	494532	1.00 500	5.00	20.0	50.0	200
Acetone	BUT	Ave	4892 2525005	22682	82364	246923	1062147	5.00 2500	25.0	100	250	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	2471 1481357	11680	60047	143798	592427	1.00 500	5.00	20.0	50.0	200
Iodomethane	FB	Ave	3971 2239937	19130	89038	209746	888736	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	9117 5434423	41514	212259	512014	2146079	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBAd9	Ave	3749 1377697	11098	41773	181656	546765	10.0 5000	50.0	200	500	2000
3-Chloro-1-propene	FB	Ave	3964 2279914	17721	92417	234236	880630	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	3634 2125419	17276	86377	245992	843751	2.00 1000	10.0	40.0	100	400
Acetonitrile	TBAd9	Ave	1723 1233154	10073	45563	123404	465135	10.0 5000	50.0	200	500	2000
Methylene Chloride	FB	Ave	3455 1542950	13652	59980	145077	601942	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	TBAd9	Ave	4231 1894034	16343	68799	233726	727498	10.0 5000	50.0	200	500	2000

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acrylonitrile	TBAd9	Ave	10705 4784754	47995	200020	555345	1920623	10.0 5000	50.0	200	500	2000
trans-1,2-Dichloroethene	FB	Ave	2888 1382774	11678	57328	135262	549386	1.00 500	5.00	20.0	50.0	200
Methyl tert-butyl ether	FB	Ave	7318 4099761	34485	152413	379621	1598168	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	3967 2580255	17623	99066	248644	965206	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	5348 3342575	24756	115094	286772	1222718	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	BUT	Ave	662 449982	3281	17008	34752	144821	2.00 1000	10.0	40.0	100	400
2-Chloro-1,3-butadiene	FB	Ave	2229 1577530	9954	50392	126597	572104	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	9358 6707957	45871	208496	536383	2481041	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	2755 2022455	11853	58501	151263	726241	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	2288 1730169	12123	56025	140724	629819	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	1556 861405	6148	29875	72475	314565	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	BUT	Ave	1445 865423	6212	27489	81122	320402	5.00 2500	25.0	100	250	1000
Propionitrile	BUT	Ave	3560 2274891	15722	69916	219472	824484	10.0 5000	50.0	200	500	2000
Ethyl acetate	BUT	Ave	432 282386	2182	9609	25466	97649	2.00 1000	10.0	40.0	100	400
Methyl acrylate	FB	Ave	2171 1639411	11226	49707	149160	591251	1.00 500	5.00	20.0	50.0	200
Chlorobromomethane	FB	Ave	1280 741881	5538	25432	63933	276328	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	8317 5706385	39932	184763	526904	2111151	10.0 5000	50.0	200	500	2000
Tetrahydrofuran	BUT	Ave	446	2674	12625	37243	137905	2.00	10.0	40.0	100	400

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			381613					1000				
Chloroform	FB	Ave	4293 2904548	19996	95923	236334	1048732	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	3204 2651616	16640	89685	222574	950663	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	3051 2782520	14956	88720	230522	1011516	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	2625 2336777	14190	75379	194696	822059	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	2831 2235921	13751	71608	186647	798373	1.00 500	5.00	20.0	50.0	200
Benzene	CBNZ d5	Ave	8817 6458883	43784	209669	527129	2304183	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	3373 2072709	15112	67336	170238	743629	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBAd 9	QuaF	1113 1292161	6162	24526	107512	453042	25.0 12500	125	500	1250	5000
Tert-amyl methyl ether	FB	Ave	6341 5988782	30506	154466	455005	2119387	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	6761 +++++	37636	190358	535072	2917111	1.00 +++++	5.00	20.0	50.0	200
n-Heptane	FB	Ave	4516 3320208	20826	116749	302501	1236502	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	1905 1565481	10062	50638	126988	559899	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBAd 9	QuaF	460 557128	659	5851	27272	176220	25.0 12500	125	500	1250	5000
Methylcyclohexane	FB	Ave	3408 3317912	16113	102258	264431	1180286	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	5079 4888562	24752	143836	406117	1742079	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	2258 1739982	11114	56726	143346	641795	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dibromomethane	FB	Ave	1195 847532	6079	27145	71814	306318	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	DXE	Lin2	238 +++++	1791	8508	30930	108241	20.0 +++++	100	400	1000	4000
Methyl methacrylate	FB	Ave	813 646649	3224	17916	52863	232874	2.00 1000	10.0	40.0	100	400
Dichlorobromomethane	FB	Ave	2820 2033961	12786	60850	157190	728373	1.00 500	5.00	20.0	50.0	200
n-Propyl acetate	FB	Ave	2284 2137934	10161	62628	183841	766054	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	QuaF	1851 735123	4002	19759	60373	257720	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Qua2	427 523633	2169	12327	36085	172209	1.00 501	5.01	20.0	50.1	200
Epichlorohydrin	BUT	Ave	2862 2869093	15780	81910	258823	1022060	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBNZ d5	Ave	2563 2495658	12978	70571	187101	894943	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	BUT	Ave	11651 7791548	46394	226729	715520	2843411	5.00 2500	25.0	100	250	1000
Toluene	CBNZ d5	Ave	8792 6370383	40374	201636	509057	2314584	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBNZ d5	Ave	2302 2137757	10421	56028	152176	742108	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBNZ d5	Ave	1322 988534	6398	30724	79988	358347	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Ave	1680 1791403	7574	43682	132498	623493	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBNZ d5	Ave	1755 1424279	8202	45838	112804	509554	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,3-Dichloropropane	CBNZ d5	Ave	3190 2087963	12501	61882	161562	738781	1.00 500	5.00	20.0	50.0	200
2-Hexanone	BUT	Qua2	5035 5175661	23700	138274	455753	1860221	5.00 2500	25.0	100	250	1000
Chlorodibromomethane	CBNZ d5	Ave	1562 1335075	6819	37065	95379	466929	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBNZ d5	Ave	1460 1134070	6251	32423	88540	398902	1.00 500	5.00	20.0	50.0	200
n-Butyl acetate	CBNZ d5	Ave	2554 2288360	9944	54587	175475	787544	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBNZ d5	Ave	5283 3830529	21939	116061	284932	1338644	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	1645 1496642	8530	39178	104534	518986	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBNZ d5	Ave	2278 2242021	10717	65474	166236	786898	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBNZ d5	Ave	2386 2727559	11804	74961	198951	950165	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBNZ d5	Ave	2622 2715529	12467	72154	191871	950012	1.00 500	5.00	20.0	50.0	200
Styrene	CBNZ d5	Qua2	3776 4552680	17468	114078	309055	1572999	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBNZ d5	QuaF	555 1030503	3408	20723	67961	352981	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Bromoform	CBNZ d5	Ave	881 867918	3886	21544	59056	292514	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCBd 4	QuaF	2098 2749370	8635	53623	180652	930968	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBNZ d5	Lin2	6179 7742244	32247	202811	542993	2694066	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCBd 4	Ave	1812 1606495	8325	44706	114756	551935	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCBd 4	Ave	499 425125	2543	11898	33905	147596	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	2235 1611179	9098	44772	124050	551127	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	571 548405	2357	13461	40978	185534	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCBd 4	Ave	1908 2011672	8009	53061	140862	691152	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCBd 4	Ave	1725 1738471	7738	48106	123045	600465	1.00 500	5.00	20.0	50.0	200
4-Ethyltoluene	DCBd 4	Ave	5727 7661702	30584	189766	508831	2608820	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCBd 4	Ave	5992 6389922	28208	160931	435651	2161609	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCBd 4	Ave	5260 6730456	25991	163757	442975	2280726	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Butyl Methacrylate	DCBd 4	QuaF	1283 2042222	5448	35622	114347	673631	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCBd 4	Ave	3933 5477611	19657	126794	355869	1816098	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCBd 4	Ave	4873 6865731	25855	164342	440250	2299953	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCBd 4	Ave	6492 8930007	31097	212833	588265	3013444	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCBd 4	Ave	3577 3395781	15874	89508	231406	1153806	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCBd 4	Ave	4080 3359017	16712	90717	230692	1135011	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCBd 4	Ave	5510 7518719	28324	180382	476932	2518542	1.00 500	5.00	20.0	50.0	200
1,2,3-Trimethylbenzene	DCBd 4	Ave	5426 7555482	27270	167968	457908	2532820	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCBd 4	QuaF	424 639264	1914	13274	38723	207862	1.00 500	5.00	20.0	50.0	200
Indan	FB	Qua2	5015 6532207	25726	151426	418955	2233396	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCBd 4	Ave	3186 3291473	15557	83082	222519	1119336	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCBd 4	Lin2	2162 3992393	13632	90810	247067	1322874	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Butylbenzene	DCBd 4	Lin2	2585 4260738	15758	101111	275695	1423113	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	363 317151	1590	7080	22621	100476	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCBd 4	Qua2	3705 7375575	19444	137007	374243	2220647	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCBd 4	Ave	2230 2998331	12020	65243	162583	907428	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCBd 4	Ave	2058 2558091	10768	57186	142794	739678	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCBd 4	Ave	1218 1442196	5110	30727	77312	418587	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCBd 4	Ave	4559 6306964	21307	115764	349908	1819280	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCBd 4	Ave	2261 2463482	10393	53864	139184	715702	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	122170 164018	108878	126339	122994	147638	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	145158 189738	131698	150334	148960	170010	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	437663 640432	391204	475005	468018	587705	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCBd 4	Ave	117937 176977	93539	121028	120579	157088	50.0 50.0	50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-256171-1 Analy Batch No.: 837357

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/05/2022 07:38 Calibration End Date: 04/05/2022 12:25 Calibration ID: 90179

Curve Type Legend

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 05-Apr-2022 07:38:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0143609-004
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Apr-2022 08:40:27 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: tupayachia Date: 05-Apr-2022 09:53:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.599	0.587	0.012	27	23	1.00	0.99	Ma
2 1,1-Difluoroethane	51	0.648	0.636	0.012	86	6740	1.00	1.01	a
3 Dichlorodifluoromethane	85	0.648	0.648	0.000	47	4302	1.00	1.00	M
4 Chlorodifluoromethane	67	0.648	0.648	0.000	96	958	1.00	1.00	
5 Chloromethane	50	0.733	0.721	0.012	97	6580	1.00	1.08	
6 Butadiene	54	0.758	0.764	-0.006	71	3104	1.00	0.8187	M
7 Vinyl chloride	62	0.764	0.764	0.000	96	4157	1.00	1.01	
8 Bromomethane	94	0.898	0.898	0.000	92	2558	1.00	1.13	
9 Chloroethane	64	0.904	0.910	-0.006	65	2410	1.00	1.13	
10 Dichlorofluoromethane	67	1.008	1.008	0.000	60	5921	1.00	1.12	
12 Pentane	72	1.026	1.014	0.012	96	1018	2.00	2.31	
11 Trichlorofluoromethane	101	1.026	1.032	-0.006	30	3838	1.00	0.9681	a
14 Ethanol	46	1.111	1.112	-0.001	45	617	40.0	45.0	M
13 Ethyl ether	59	1.118	1.118	0.000	56	2201	1.00	1.17	
15 2-Methyl-1,3-butadiene	53	1.118	1.130	-0.012	81	2725	1.00	1.14	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.142	1.166	-0.024	70	2500	1.00	1.13	a
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.185	1.173	0.012	69	4118	1.00	1.10	Ma
18 Acrolein	56	1.172	1.179	-0.007	96	30960	101.4	111.0	
19 1,1-Dichloroethene	96	1.233	1.221	0.012	91	2152	1.00	1.02	M
21 Acetone	43	1.258	1.258	0.000	65	4892	5.00	5.46	
20 112TCTFE	101	1.276	1.270	0.006	46	2471	1.00	1.00	M
22 Iodomethane	142	1.288	1.294	-0.006	81	3971	1.00	1.04	M
23 Carbon disulfide	76	1.325	1.325	0.000	99	9117	1.00	1.02	M
24 Isopropyl alcohol	45	1.337	1.374	-0.037	27	3749	10.0	12.8	a
25 3-Chloro-1-propene	39	1.398	1.410	-0.012	85	3964	1.00	1.03	M
26 Methyl acetate	43	1.428	1.422	0.006	77	3634	2.00	1.96	
27 Acetonitrile	39	1.447	1.447	0.000	19	1723	10.0	7.51	a
28 Methylene Chloride	84	1.477	1.471	0.006	93	3455	1.00	1.26	
* 29 TBA-d9 (IS)	65	1.544	1.550	-0.006	0	399447	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.569	1.611	-0.042	89	4231	10.0	10.7	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.617	1.618	-0.001	96	10705	10.0	10.2	
32 trans-1,2-Dichloroethene	96	1.636	1.630	0.006	81	2888	1.00	1.18	
33 Methyl tert-butyl ether	73	1.642	1.648	-0.006	51	7318	1.00	1.07	
34 Hexane	57	1.800	1.807	-0.007	90	3967	1.00	0.9732	
35 1,1-Dichloroethane	63	1.880	1.886	-0.006	96	5348	1.00	1.04	
36 Vinyl acetate	86	1.947	1.941	0.006	99	662	2.00	1.90	
37 2-Chloro-1,3-butadiene	88	1.941	1.947	-0.006	63	2229	1.00	0.9867	
38 Isopropyl ether	45	1.965	1.971	-0.006	79	9358	1.00	0.9653	
39 Tert-butyl ethyl ether	87	2.221	2.227	-0.006	29	2755	1.00	1.00	a
* 40 2-Butanone-d5	46	2.276	2.288	-0.012	0	333920	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.294	2.300	-0.006	67	2288	1.00	0.9122	
42 2,2-Dichloropropane	79	2.300	2.300	0.000	77	1556	1.00	1.16	a
43 2-Butanone (MEK)	72	2.318	2.331	-0.013	96	1445	5.00	5.19	
44 Propionitrile	54	2.367	2.374	-0.007	74	3560	10.0	9.95	
45 Ethyl acetate	70	2.404	2.404	0.000	91	432	2.00	1.92	
62 Methyl acrylate	55	2.404	2.416	-0.012	1	2171	1.00	0.9088	
46 Chlorobromomethane	128	2.483	2.477	0.006	49	1280	1.00	1.10	
47 Methacrylonitrile	67	2.489	2.483	0.006	93	8317	10.0	9.65	
48 Tetrahydrofuran	72	2.520	2.526	-0.006	53	446	2.00	1.52	M
49 Chloroform	83	2.562	2.569	-0.007	97	4293	1.00	1.00	
$ 50 Dibromofluoromethane (Surr)	113	2.696	2.697	-0.001	96	122170	50.0	52.1	
51 1,1,1-Trichloroethane	97	2.696	2.703	-0.007	35	3204	1.00	0.8508	
52 Cyclohexane	84	2.745	2.745	0.000	92	3051	1.00	0.8098	
54 1,1-Dichloropropene	75	2.837	2.843	-0.006	86	2625	1.00	0.8137	
53 Carbon tetrachloride	117	2.824	2.855	-0.031	83	2831	1.00	0.8985	M
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	145158	50.0	52.3	
56 Benzene	78	3.013	3.026	-0.013	95	8817	1.00	0.8669	
57 1,2-Dichloroethane	62	3.044	3.050	-0.006	85	3373	1.00	1.08	
58 Isobutyl alcohol	42	3.135	3.123	0.012	36	1113	25.0	12.2	a
59 Tert-amyl methyl ether	73	3.190	3.197	-0.006	83	6341	1.00	0.8385	
73 Isopropyl acetate	43	3.209	3.209	0.000	79	6761	1.00	0.7487	M
* 60 Fluorobenzene	96	3.312	3.318	-0.006	97	476085	50.0	50.0	
61 n-Heptane	43	3.361	3.373	-0.012	72	4516	1.00	0.9143	a
63 Trichloroethene	95	3.708	3.709	-0.001	91	1905	1.00	0.8653	
64 n-Butanol	43	3.891	3.879	0.012	45	460	25.0	14.7	Ma
65 Methylcyclohexane	83	3.910	3.922	-0.012	83	3408	1.00	0.7898	
66 Ethyl acrylate	55	3.922	3.922	0.000	84	5079	1.00	0.7928	M
67 1,2-Dichloropropane	63	3.952	3.952	0.000	90	2258	1.00	0.9065	
68 Dibromomethane	93	4.080	4.087	-0.007	54	1195	1.00	0.9547	
* 69 1,4-Dioxane-d8	96	4.117	4.111	0.006	0	21230	1000.0	1000.0	
70 1,4-Dioxane	88	4.172	4.178	-0.006	6	238	20.0	19.7	Ma
71 Methyl methacrylate	100	4.208	4.221	-0.013	89	813	2.00	1.89	M
72 Dichlorobromomethane	83	4.312	4.324	-0.012	97	2820	1.00	0.99	
81 n-Propyl acetate	43	4.342	4.337	0.005	48	2284	1.00	0.8132	Ma
74 2-Nitropropane	41	4.623	4.635	-0.012	62	1851	2.00	3.75	
75 2-Chloroethyl vinyl ether	63	4.836	4.806	0.030	29	427	1.00	1.03	a
76 Epichlorohydrin	57	4.855	4.843	0.012	94	2862	20.0	14.4	a
77 cis-1,3-Dichloropropene	75	4.922	4.934	-0.012	95	2563	1.00	0.7372	
78 4-Methyl-2-pentanone (MIBK)	43	5.233	5.233	0.000	89	11651	5.00	4.98	a
$ 79 Toluene-d8 (Surr)	98	5.281	5.288	-0.007	98	437663	50.0	45.6	
80 Toluene	91	5.379	5.379	0.000	93	8792	1.00	0.8905	
82 trans-1,3-Dichloropropene	75	5.806	5.800	0.006	93	2302	1.00	0.7985	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.043	6.056	-0.013	92	1322	1.00	0.8646	M
84 Ethyl methacrylate	69	6.086	6.080	0.006	47	1680	1.00	0.7878	a
85 Tetrachloroethene	166	6.214	6.208	0.006	91	1755	1.00	0.8222	M
86 1,3-Dichloropropane	76	6.299	6.300	-0.001	92	3190	1.00	1.00	
87 2-Hexanone	43	6.616	6.592	0.024	97	5035	5.00	5.18	M
88 Chlorodibromomethane	129	6.641	6.647	-0.006	44	1562	1.00	0.8417	
89 Ethylene Dibromide	107	6.769	6.763	0.006	67	1460	1.00	0.8826	
90 n-Butyl acetate	43	6.946	6.934	0.012	23	2554	1.00	0.8392	a
* 91 Chlorobenzene-d5	117	7.641	7.647	-0.006	90	331276	50.0	50.0	
92 Chlorobenzene	112	7.689	7.696	-0.007	92	5283	1.00	0.9299	
93 1,1,1,2-Tetrachloroethane	131	7.915	7.915	0.000	89	1645	1.00	0.7951	M
94 Ethylbenzene	106	7.994	7.994	0.000	97	2278	1.00	0.7401	
95 m-Xylene & p-Xylene	106	8.238	8.238	0.000	96	2386	1.00	0.6681	
96 o-Xylene	106	8.982	8.982	0.000	92	2622	1.00	0.7309	
97 Styrene	104	9.025	9.019	0.005	95	3776	1.00	1.03	
98 n-Butyl acrylate	73	9.220	9.226	-0.006	82	555	1.00	0.3971	
99 Bromoform	173	9.268	9.262	0.006	88	881	1.00	0.7859	a
101 Amyl acetate (mixed isomers)	43	9.713	9.707	0.006	46	2098	1.00	0.6868	M
102 Isopropylbenzene	105	9.719	9.726	-0.007	96	6179	1.00	1.03	
$ 103 4-Bromofluorobenzene	174	9.927	9.933	-0.006	88	117937	50.0	53.6	
104 Bromobenzene	156	10.097	10.104	-0.007	94	1812	1.00	0.9307	
105 1,2,3-Trichloropropane	110	10.329	10.329	0.000	80	499	1.00	0.9177	
106 1,1,2,2-Tetrachloroethane	83	10.347	10.354	-0.007	91	2235	1.00	1.08	
107 trans-1,4-Dichloro-2-butene	53	10.445	10.457	-0.012	39	571	1.00	0.9098	
108 N-Propylbenzene	120	10.475	10.482	-0.007	98	1908	1.00	0.8471	
109 2-Chlorotoluene	126	10.506	10.518	-0.012	89	1725	1.00	0.8564	
110 4-Ethyltoluene	105	10.695	10.701	-0.006	95	5727	1.00	0.7042	
111 4-Chlorotoluene	91	10.731	10.726	0.005	97	5992	1.00	0.8396	
112 1,3,5-Trimethylbenzene	105	10.829	10.835	-0.006	92	5260	1.00	0.7401	
100 Butyl Methacrylate	87	11.213	11.219	-0.006	84	1283	1.00	0.6024	
113 tert-Butylbenzene	119	11.359	11.360	-0.001	93	3933	1.00	0.7047	
114 1,2,4-Trimethylbenzene	105	11.445	11.451	-0.006	95	4873	1.00	0.6892	
115 sec-Butylbenzene	105	11.743	11.756	-0.013	97	6492	1.00	0.7075	
116 1,3-Dichlorobenzene	146	11.823	11.817	0.006	92	3577	1.00	0.9110	
* 117 1,4-Dichlorobenzene-d4	152	11.957	11.963	-0.006	97	156309	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.000	12.006	-0.006	75	4080	1.00	1.01	Ma
119 4-Isopropyltoluene	119	12.079	12.085	-0.006	96	5510	1.00	0.7100	
120 1,2,3-Trimethylbenzene	105	12.189	12.189	0.000	97	5426	1.00	0.7171	
121 Benzyl chloride	126	12.341	12.341	0.000	96	424	1.00	0.6405	
122 2,3-Dihydroindene	117	12.499	12.512	-0.013	96	5015	1.00	1.03	M
123 1,2-Dichlorobenzene	146	12.701	12.695	0.006	92	3186	1.00	0.8537	
124 p-Diethylbenzene	119	12.829	12.829	0.000	87	2162	1.00	1.03	
125 n-Butylbenzene	92	12.859	12.853	0.006	94	2585	1.00	1.03	
126 1,2-Dibromo-3-Chloropropane	157	13.609	13.609	0.000	83	363	1.00	1.00	
127 1,2,4,5-Tetramethylbenzene	119	13.639	13.646	-0.007	95	3705	1.00	1.03	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	92	2230	1.00	0.7588	
129 1,2,4-Trichlorobenzene	180	14.231	14.237	-0.006	91	2058	1.00	0.8045	
130 Hexachlorobutadiene	225	14.377	14.383	-0.006	87	1218	1.00	0.8739	
131 Naphthalene	128	14.377	14.389	-0.012	98	4559	1.00	0.7845	
132 1,2,3-Trichlorobenzene	180	14.542	14.548	-0.006	92	2261	1.00	0.9014	
S 133 1,2-Dichloroethene, Total	100				0		2.00	2.09	
S 134 1,3-Dichloropropene, Total	100				0		2.00	1.54	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		2.00	1.40	
S 136 Total BTEX	1				0		5.00	3.90	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00138	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00152	Amount Added:	1.00	Units: uL	
524freon_00050	Amount Added:	1.00	Units: uL	
GASES Li_00469	Amount Added:	1.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 06-Apr-2022 08:40:29 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85235.D

Injection Date: 05-Apr-2022 07:38:30 Instrument ID: CVOAMS2 Operator ID:

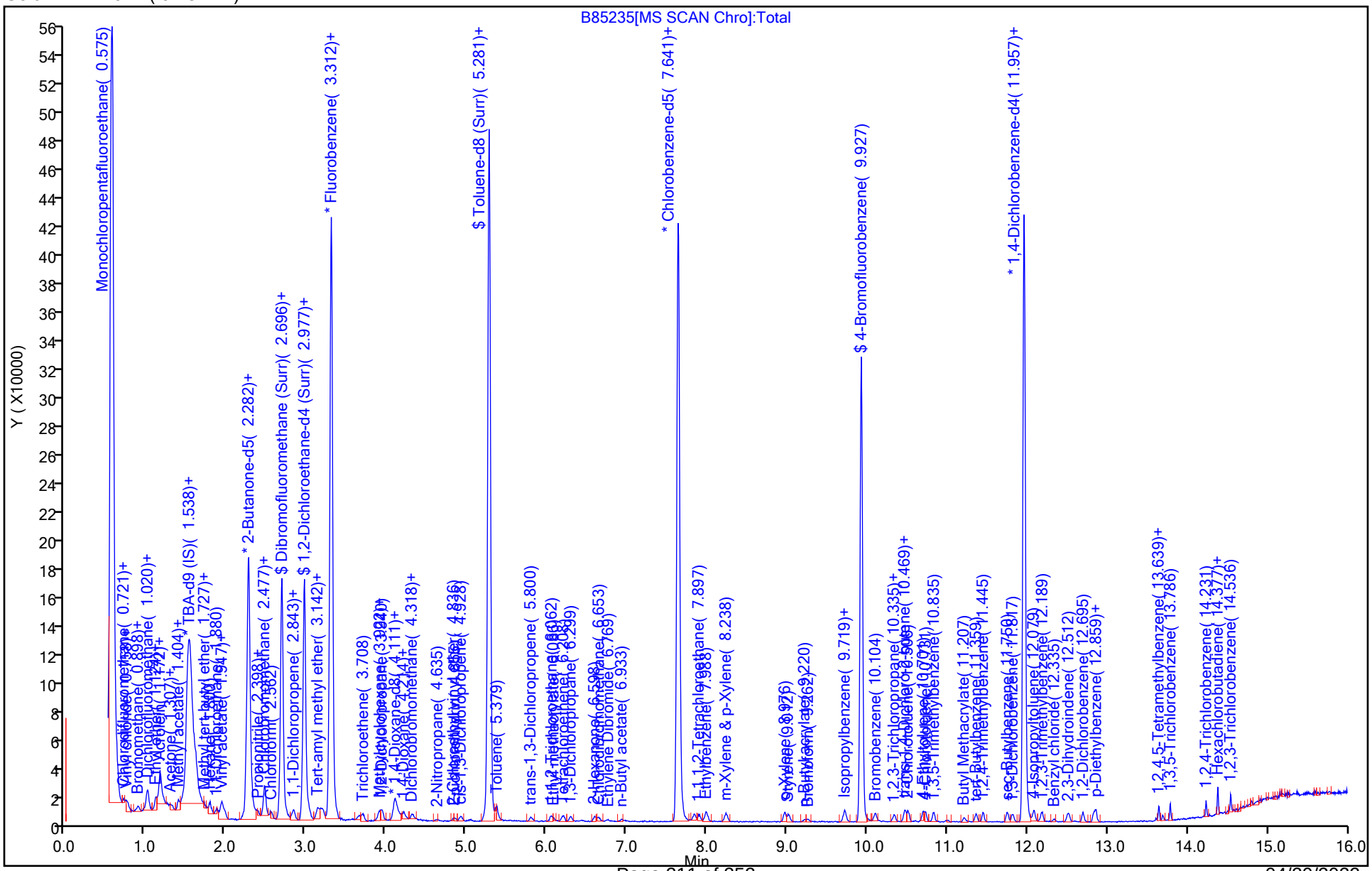
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85236.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 05-Apr-2022 07:59:30 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0143609-005
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Apr-2022 08:40:36 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: tupayachia Date: 05-Apr-2022 09:45:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.587	0.587	0.000	27	1089	5.00	5.20	a
2 1,1-Difluoroethane	51	0.642	0.636	0.006	88	35619	5.00	5.74	
3 Dichlorodifluoromethane	85	0.642	0.648	-0.006	45	17405	5.00	4.36	
4 Chlorodifluoromethane	67	0.642	0.648	-0.006	95	3050	5.00	4.98	
5 Chloromethane	50	0.721	0.721	0.000	99	30528	5.00	5.42	
6 Butadiene	54	0.758	0.764	-0.006	93	18263	5.00	5.20	
7 Vinyl chloride	62	0.764	0.764	0.000	97	21071	5.00	5.54	
8 Bromomethane	94	0.892	0.898	-0.006	97	12312	5.00	5.88	
9 Chloroethane	64	0.910	0.910	0.000	100	10384	5.00	5.26	
10 Dichlorofluoromethane	67	1.008	1.008	0.000	64	26978	5.00	5.50	
12 Pentane	72	1.020	1.014	0.006	97	4357	10.0	10.7	
11 Trichlorofluoromethane	101	1.038	1.032	0.006	97	19768	5.00	5.39	M
14 Ethanol	46	1.105	1.112	-0.007	47	2313	200.0	195.3	M
13 Ethyl ether	59	1.118	1.118	0.000	67	10309	5.00	5.91	
15 2-Methyl-1,3-butadiene	53	1.130	1.130	0.000	97	9623	5.00	4.35	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.148	1.166	-0.018	78	10915	5.00	5.33	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.166	1.173	-0.007	48	18318	5.00	5.28	Ma
18 Acrolein	56	1.179	1.179	0.000	98	48588	202.8	201.8	
19 1,1-Dichloroethene	96	1.227	1.221	0.006	93	9788	5.00	5.00	
21 Acetone	43	1.258	1.258	0.000	87	22682	25.0	27.5	
20 112TCTFE	101	1.282	1.270	0.012	85	11680	5.00	5.08	Ma
22 Iodomethane	142	1.288	1.294	-0.006	99	19130	5.00	5.44	
23 Carbon disulfide	76	1.325	1.325	0.000	100	41514	5.00	5.02	
24 Isopropyl alcohol	45	1.343	1.374	-0.031	24	11098	50.0	43.9	a
25 3-Chloro-1-propene	39	1.410	1.410	0.000	89	17721	5.00	4.96	
26 Methyl acetate	43	1.422	1.422	0.000	99	17276	10.0	10.0	
27 Acetonitrile	39	1.441	1.447	-0.006	58	10073	50.0	50.9	
28 Methylene Chloride	84	1.477	1.471	0.006	97	13652	5.00	5.38	
* 29 TBA-d9 (IS)	65	1.538	1.550	-0.012	0	344984	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.593	1.611	-0.018	90	16343	50.0	47.9	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.624	1.618	0.006	93	47995	50.0	53.2	
32 trans-1,2-Dichloroethene	96	1.636	1.630	0.006	98	11678	5.00	5.15	
33 Methyl tert-butyl ether	73	1.660	1.648	0.012	96	34485	5.00	5.45	
34 Hexane	57	1.800	1.807	-0.007	94	17623	5.00	4.67	
35 1,1-Dichloroethane	63	1.886	1.886	0.000	99	24756	5.00	5.19	
36 Vinyl acetate	86	1.935	1.941	-0.006	99	3281	10.0	10.2	
37 2-Chloro-1,3-butadiene	88	1.941	1.947	-0.006	65	9954	5.00	4.76	
38 Isopropyl ether	45	1.971	1.971	0.000	91	45871	5.00	5.11	
39 Tert-butyl ethyl ether	87	2.233	2.227	0.006	85	11853	5.00	4.64	
* 40 2-Butanone-d5	46	2.282	2.288	-0.006	0	307394	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.300	2.300	0.000	88	12123	5.00	5.22	
42 2,2-Dichloropropane	79	2.313	2.300	0.013	77	6148	5.00	4.93	a
43 2-Butanone (MEK)	72	2.337	2.331	0.006	97	6212	25.0	24.3	
44 Propionitrile	54	2.361	2.374	-0.013	94	15722	50.0	47.7	
45 Ethyl acetate	70	2.410	2.404	0.006	98	2182	10.0	10.5	
62 Methyl acrylate	55	2.416	2.416	0.000	98	11226	5.00	5.08	M
46 Chlorobromomethane	128	2.477	2.477	0.000	50	5538	5.00	5.14	
47 Methacrylonitrile	67	2.489	2.483	0.006	93	39932	50.0	50.0	
48 Tetrahydrofuran	72	2.538	2.526	0.012	50	2674	10.0	9.93	M
49 Chloroform	83	2.569	2.569	0.000	97	19996	5.00	5.04	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.697	0.000	95	108878	50.0	50.2	
51 1,1,1-Trichloroethane	97	2.709	2.703	0.006	85	16640	5.00	4.77	
52 Cyclohexane	84	2.752	2.745	0.007	97	14956	5.00	4.29	
54 1,1-Dichloropropene	75	2.843	2.843	0.000	90	14190	5.00	4.75	
53 Carbon tetrachloride	117	2.849	2.855	-0.006	77	13751	5.00	4.71	M
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	131698	50.0	51.2	
56 Benzene	78	3.026	3.026	0.000	97	43784	5.00	5.54	
57 1,2-Dichloroethane	62	3.050	3.050	0.000	96	15112	5.00	5.21	
58 Isobutyl alcohol	42	3.136	3.123	0.013	49	6162	125.0	78.2	
59 Tert-amyl methyl ether	73	3.197	3.197	0.001	87	30506	5.00	4.36	
73 Isopropyl acetate	43	3.209	3.209	0.000	88	37636	5.00	4.50	
* 60 Fluorobenzene	96	3.318	3.318	0.000	98	440774	50.0	50.0	
61 n-Heptane	43	3.367	3.373	-0.006	90	20826	5.00	4.55	
63 Trichloroethene	95	3.709	3.709	0.000	96	10062	5.00	4.94	
64 n-Butanol	43	3.904	3.879	0.025	47	659	125.0	24.4	M
65 Methylcyclohexane	83	3.922	3.922	0.000	89	16113	5.00	4.03	
66 Ethyl acrylate	55	3.922	3.922	0.000	91	24752	5.00	4.17	
67 1,2-Dichloropropane	63	3.946	3.952	-0.006	85	11114	5.00	4.82	
68 Dibromomethane	93	4.074	4.087	-0.013	90	6079	5.00	5.25	a
* 69 1,4-Dioxane-d8	96	4.141	4.111	0.030	0	17618	1000.0	1000.0	
70 1,4-Dioxane	88	4.184	4.178	0.006	26	1791	100.0	106.8	Ma
71 Methyl methacrylate	100	4.227	4.221	0.006	90	3224	10.0	8.10	M
72 Dichlorobromomethane	83	4.318	4.324	-0.006	97	12786	5.00	4.85	
81 n-Propyl acetate	43	4.343	4.337	0.006	57	10161	5.00	3.91	a
74 2-Nitropropane	41	4.635	4.635	0.000	96	4002	10.0	8.75	
75 2-Chloroethyl vinyl ether	63	4.800	4.806	-0.006	78	2169	5.01	4.28	
76 Epichlorohydrin	57	4.849	4.843	0.006	98	15780	100.0	86.1	
77 cis-1,3-Dichloropropene	75	4.940	4.934	0.006	95	12978	5.00	4.80	
78 4-Methyl-2-pentanone (MIBK)	43	5.239	5.233	0.006	97	46394	25.0	21.5	a
$ 79 Toluene-d8 (Surr)	98	5.281	5.288	-0.007	98	391204	50.0	52.4	
80 Toluene	91	5.379	5.379	0.000	92	40374	5.00	5.26	
82 trans-1,3-Dichloropropene	75	5.800	5.800	0.000	98	10421	5.00	4.65	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.062	6.056	0.006	94	6398	5.00	5.38	
84 Ethyl methacrylate	69	6.080	6.080	0.000	73	7574	5.00	3.84	a
85 Tetrachloroethene	166	6.214	6.208	0.006	90	8202	5.00	4.94	
86 1,3-Dichloropropane	76	6.300	6.300	0.000	95	12501	5.00	5.04	
87 2-Hexanone	43	6.598	6.592	0.006	98	23700	25.0	20.3	M
88 Chlorodibromomethane	129	6.647	6.647	0.000	95	6819	5.00	4.72	
89 Ethylene Dibromide	107	6.763	6.763	0.000	99	6251	5.00	4.86	
90 n-Butyl acetate	43	6.928	6.934	-0.006	99	9944	5.00	4.20	a
* 91 Chlorobenzene-d5	117	7.641	7.647	-0.006	90	257640	50.0	50.0	
92 Chlorobenzene	112	7.690	7.696	-0.006	94	21939	5.00	4.97	
93 1,1,1,2-Tetrachloroethane	131	7.909	7.915	-0.006	90	8530	5.00	5.30	
94 Ethylbenzene	106	7.994	7.994	0.000	99	10717	5.00	4.48	
95 m-Xylene & p-Xylene	106	8.238	8.238	0.000	97	11804	5.00	4.25	
96 o-Xylene	106	8.976	8.982	-0.006	93	12467	5.00	4.47	
97 Styrene	104	9.025	9.019	0.006	96	17468	5.00	4.22	
98 n-Butyl acrylate	73	9.226	9.226	0.000	97	3408	5.00	3.13	
99 Bromoform	173	9.262	9.262	0.000	92	3886	5.00	4.46	
101 Amyl acetate (mixed isomers)	43	9.707	9.707	0.000	59	8635	5.00	3.30	
102 Isopropylbenzene	105	9.726	9.726	0.000	96	32247	5.00	4.27	
$ 103 4-Bromofluorobenzene	174	9.927	9.933	-0.006	88	93539	50.0	49.7	
104 Bromobenzene	156	10.104	10.104	0.000	96	8325	5.00	5.00	
105 1,2,3-Trichloropropane	110	10.329	10.329	0.000	96	2543	5.00	5.46	
106 1,1,2,2-Tetrachloroethane	83	10.348	10.354	-0.006	98	9098	5.00	5.12	
107 trans-1,4-Dichloro-2-butene	53	10.451	10.457	-0.006	72	2357	5.00	4.39	
108 N-Propylbenzene	120	10.476	10.482	-0.006	98	8009	5.00	4.15	
109 2-Chlorotoluene	126	10.512	10.518	-0.006	97	7738	5.00	4.49	
110 4-Ethyltoluene	105	10.701	10.701	0.000	98	30584	5.00	4.39	
111 4-Chlorotoluene	91	10.726	10.726	0.000	99	28208	5.00	4.62	
112 1,3,5-Trimethylbenzene	105	10.835	10.835	0.000	92	25991	5.00	4.27	
100 Butyl Methacrylate	87	11.207	11.219	-0.012	91	5448	5.00	2.99	
113 tert-Butylbenzene	119	11.366	11.360	0.006	91	19657	5.00	4.11	
114 1,2,4-Trimethylbenzene	105	11.451	11.451	0.000	98	25855	5.00	4.27	
115 sec-Butylbenzene	105	11.756	11.756	0.000	98	31097	5.00	3.96	
116 1,3-Dichlorobenzene	146	11.817	11.817	0.000	93	15874	5.00	4.72	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	97	133799	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.000	12.006	-0.006	90	16712	5.00	4.84	
119 4-Isopropyltoluene	119	12.085	12.085	0.000	97	28324	5.00	4.26	
120 1,2,3-Trimethylbenzene	105	12.176	12.189	-0.013	98	27270	5.00	4.21	
121 Benzyl chloride	126	12.335	12.341	-0.006	97	1914	5.00	3.37	
122 2,3-Dihydroindene	117	12.506	12.512	-0.006	92	25726	5.00	4.22	
123 1,2-Dichlorobenzene	146	12.695	12.695	0.000	94	15557	5.00	4.87	
124 p-Diethylbenzene	119	12.829	12.829	0.000	92	13632	5.00	4.18	a
125 n-Butylbenzene	92	12.853	12.853	0.000	97	15758	5.00	4.32	
126 1,2-Dibromo-3-Chloropropane	157	13.609	13.609	0.000	87	1590	5.00	5.09	
127 1,2,4,5-Tetramethylbenzene	119	13.646	13.646	0.000	98	19444	5.00	4.13	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	97	12020	5.00	4.78	
129 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	94	10768	5.00	4.92	
130 Hexachlorobutadiene	225	14.383	14.383	0.000	92	5110	5.00	4.28	
131 Naphthalene	128	14.383	14.389	-0.006	99	21307	5.00	4.28	
132 1,2,3-Trichlorobenzene	180	14.548	14.548	0.000	94	10393	5.00	4.84	
S 133 1,2-Dichloroethene, Total	100				0		10.0	10.4	
S 134 1,3-Dichloropropene, Total	100				0		10.0	9.45	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		10.0	8.72	
S 136 Total BTEX	1				0		25.0	24.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00138	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00152	Amount Added:	5.00	Units: uL	
524freon_00050	Amount Added:	5.00	Units: uL	
GASES Li_00469	Amount Added:	5.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

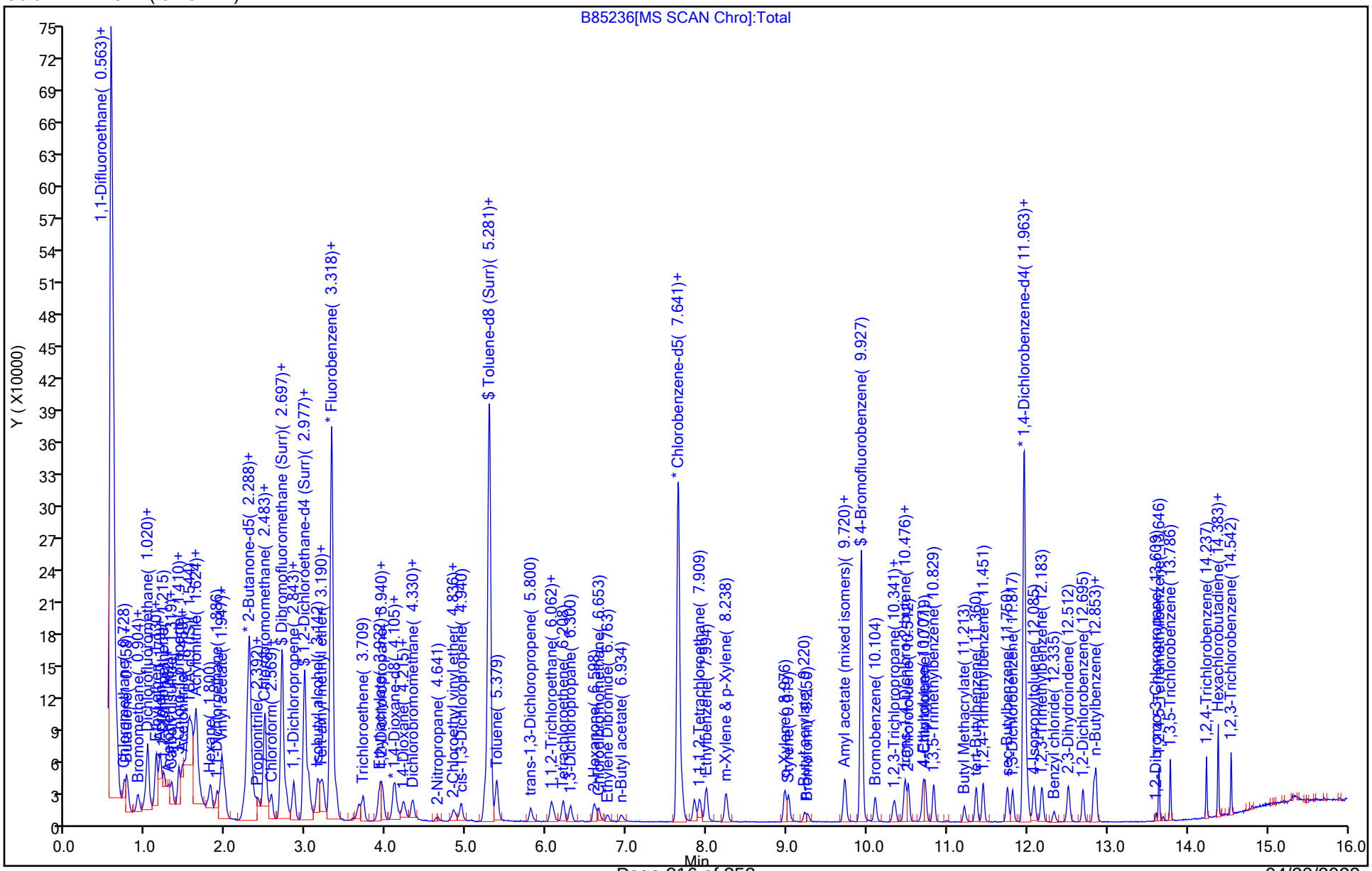
Report Date: 06-Apr-2022 08:40:37 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85236.D

Injection Date:	05-Apr-2022 07:59:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85238.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 05-Apr-2022 08:43:30 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0143609-007
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Apr-2022 08:40:44 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: tupayachia Date: 05-Apr-2022 09:28:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.593	0.587	0.006	43	12728	50.0	45.4	a
2 1,1-Difluoroethane	51	0.642	0.636	0.006	91	361767	50.0	51.7	
3 Dichlorodifluoromethane	85	0.642	0.648	-0.006	56	249354	50.0	55.4	
4 Chlorodifluoromethane	67	0.648	0.648	0.000	95	32342	50.0	52.2	
5 Chloromethane	50	0.721	0.721	0.000	99	334248	50.0	52.7	
6 Butadiene	54	0.758	0.764	-0.006	95	224613	50.0	56.7	
7 Vinyl chloride	62	0.758	0.764	-0.006	98	227280	50.0	53.0	
8 Bromomethane	94	0.892	0.898	-0.006	99	113740	50.0	48.2	
9 Chloroethane	64	0.910	0.910	0.000	99	99520	50.0	44.7	
10 Dichlorofluoromethane	67	1.008	1.008	0.000	98	274375	50.0	49.6	
12 Pentane	72	1.020	1.014	0.006	97	45950	100.0	99.7	
11 Trichlorofluoromethane	101	1.038	1.032	0.006	98	218952	50.0	52.9	M
14 Ethanol	46	1.111	1.112	-0.001	73	34781	2000.0	2226.5	
13 Ethyl ether	59	1.117	1.118	-0.001	94	100070	50.0	50.8	
15 2-Methyl-1,3-butadiene	53	1.130	1.130	0.000	96	139095	50.0	55.7	M
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.142	1.166	-0.024	91	116305	50.0	50.4	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.166	1.173	-0.007	93	204795	50.0	52.3	a
18 Acrolein	56	1.185	1.179	0.006	97	112267	405.6	353.5	
19 1,1-Dichloroethene	96	1.221	1.221	0.000	93	123106	50.0	55.7	
21 Acetone	43	1.258	1.258	0.000	85	246923	250.0	231.6	
20 112TCTFE	101	1.276	1.270	0.006	96	143798	50.0	55.5	a
22 Iodomethane	142	1.294	1.294	0.000	100	209746	50.0	52.8	
23 Carbon disulfide	76	1.325	1.325	0.000	100	512014	50.0	54.9	
24 Isopropyl alcohol	45	1.355	1.374	-0.019	96	181656	500.0	544.5	
25 3-Chloro-1-propene	39	1.410	1.410	0.000	91	234236	50.0	58.1	
26 Methyl acetate	43	1.428	1.422	0.006	99	245992	100.0	126.7	
27 Acetonitrile	39	1.447	1.447	0.000	26	123404	500.0	472.5	a
28 Methylene Chloride	84	1.477	1.471	0.006	98	145077	50.0	50.7	
* 29 TBA-d9 (IS)	65	1.544	1.550	-0.006	0	454963	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.611	1.611	0.000	91	233726	500.0	519.5	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.617	1.618	-0.001	95	555345	500.0	466.4	
32 trans-1,2-Dichloroethene	96	1.630	1.630	0.000	98	135262	50.0	52.8	
33 Methyl tert-butyl ether	73	1.660	1.648	0.012	97	379621	50.0	53.2	
34 Hexane	57	1.806	1.807	-0.001	94	248644	50.0	58.4	
35 1,1-Dichloroethane	63	1.886	1.886	0.000	99	286772	50.0	53.3	
36 Vinyl acetate	86	1.947	1.941	0.006	100	34752	100.0	83.8	
37 2-Chloro-1,3-butadiene	88	1.947	1.947	0.000	70	126597	50.0	53.7	
38 Isopropyl ether	45	1.977	1.971	0.006	93	536383	50.0	53.0	
39 Tert-butyl ethyl ether	87	2.227	2.227	0.000	88	151263	50.0	52.5	
* 40 2-Butanone-d5	46	2.288	2.288	0.000	0	397760	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.300	2.300	0.000	91	140724	50.0	53.7	
42 2,2-Dichloropropane	79	2.306	2.300	0.006	71	72475	50.0	51.6	
43 2-Butanone (MEK)	72	2.331	2.331	0.000	98	81122	250.0	244.8	
44 Propionitrile	54	2.373	2.374	-0.001	96	219472	500.0	514.7	
45 Ethyl acetate	70	2.410	2.404	0.006	99	25466	100.0	94.9	
62 Methyl acrylate	55	2.416	2.416	0.000	99	149160	50.0	59.8	
46 Chlorobromomethane	128	2.483	2.477	0.006	94	63933	50.0	52.6	
47 Methacrylonitrile	67	2.489	2.483	0.006	95	526904	500.0	585.2	
48 Tetrahydrofuran	72	2.532	2.526	0.006	99	37243	100.0	106.9	
49 Chloroform	83	2.568	2.569	-0.001	98	236334	50.0	52.8	
$ 50 Dibromofluoromethane (Surr)	113	2.696	2.697	-0.001	96	122994	50.0	50.2	
51 1,1,1-Trichloroethane	97	2.703	2.703	0.000	98	222574	50.0	56.6	
52 Cyclohexane	84	2.745	2.745	0.000	96	230522	50.0	58.6	
54 1,1-Dichloropropene	75	2.843	2.843	0.000	92	194696	50.0	57.8	
53 Carbon tetrachloride	117	2.849	2.855	-0.006	93	186647	50.0	56.7	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.983	2.977	0.006	0	148960	50.0	51.3	
56 Benzene	78	3.026	3.026	0.000	98	527129	50.0	54.9	
57 1,2-Dichloroethane	62	3.056	3.050	0.006	97	170238	50.0	52.1	
58 Isobutyl alcohol	42	3.111	3.123	-0.012	92	107512	1250.0	1022.9	a
59 Tert-amyl methyl ether	73	3.202	3.197	0.006	88	455005	50.0	57.6	
73 Isopropyl acetate	43	3.209	3.209	0.000	92	535072	50.0	56.7	
* 60 Fluorobenzene	96	3.318	3.318	0.000	98	497156	50.0	50.0	
61 n-Heptane	43	3.373	3.373	0.000	97	302501	50.0	58.7	
63 Trichloroethene	95	3.715	3.709	0.006	96	126988	50.0	55.2	
64 n-Butanol	43	3.861	3.879	-0.018	97	27272	1250.0	745.6	
65 Methylcyclohexane	83	3.922	3.922	0.000	92	264431	50.0	58.7	
66 Ethyl acrylate	55	3.928	3.922	0.006	95	406117	50.0	60.7	
67 1,2-Dichloropropane	63	3.952	3.952	0.000	93	143346	50.0	55.1	
68 Dibromomethane	93	4.080	4.087	-0.007	94	71814	50.0	54.9	
* 69 1,4-Dioxane-d8	96	4.123	4.111	0.012	0	29405	1000.0	1000.0	
70 1,4-Dioxane	88	4.190	4.178	0.012	88	30930	1000.0	1022.3	M
71 Methyl methacrylate	100	4.221	4.221	0.000	92	52863	100.0	117.8	
72 Dichlorobromomethane	83	4.324	4.324	0.000	98	157190	50.0	52.9	
81 n-Propyl acetate	43	4.336	4.337	-0.001	99	183841	50.0	62.7	
74 2-Nitropropane	41	4.635	4.635	0.000	99	60373	100.0	116.4	
75 2-Chloroethyl vinyl ether	63	4.812	4.806	0.006	93	36085	50.1	57.3	
76 Epichlorohydrin	57	4.836	4.843	-0.007	99	258823	1000.0	1091.6	
77 cis-1,3-Dichloropropene	75	4.934	4.934	0.000	96	187101	50.0	57.0	
78 4-Methyl-2-pentanone (MIBK)	43	5.233	5.233	0.000	96	715520	250.0	256.6	a
$ 79 Toluene-d8 (Surr)	98	5.287	5.288	-0.001	98	468018	50.0	51.7	
80 Toluene	91	5.379	5.379	0.000	94	509057	50.0	54.6	
82 trans-1,3-Dichloropropene	75	5.806	5.800	0.006	98	152176	50.0	55.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.062	6.056	0.006	94	79988	50.0	55.4	
84 Ethyl methacrylate	69	6.086	6.080	0.006	86	132498	50.0	59.5	a
85 Tetrachloroethene	166	6.214	6.208	0.006	93	112804	50.0	56.0	
86 1,3-Dichloropropane	76	6.299	6.300	-0.001	96	161562	50.0	53.7	
87 2-Hexanone	43	6.586	6.592	-0.006	98	455753	250.0	272.9	M
88 Chlorodibromomethane	129	6.653	6.647	0.006	98	95379	50.0	54.5	
89 Ethylene Dibromide	107	6.763	6.763	0.000	99	88540	50.0	56.7	
90 n-Butyl acetate	43	6.927	6.934	-0.007	99	175475	50.0	61.1	
* 91 Chlorobenzene-d5	117	7.647	7.647	0.000	89	312580	50.0	50.0	
92 Chlorobenzene	112	7.695	7.696	-0.001	92	284932	50.0	53.2	
93 1,1,1,2-Tetrachloroethane	131	7.915	7.915	0.000	94	104534	50.0	53.5	
94 Ethylbenzene	106	7.994	7.994	0.000	99	166236	50.0	57.2	
95 m-Xylene & p-Xylene	106	8.244	8.238	0.006	98	198951	50.0	59.0	
96 o-Xylene	106	8.976	8.982	-0.006	94	191871	50.0	56.7	
97 Styrene	104	9.024	9.019	0.005	96	309055	50.0	55.3	
98 n-Butyl acrylate	73	9.220	9.226	-0.006	97	67961	50.0	51.0	
99 Bromoform	173	9.268	9.262	0.006	95	59056	50.0	55.8	
101 Amyl acetate (mixed isomers)	43	9.707	9.707	0.000	90	180652	50.0	53.0	
102 Isopropylbenzene	105	9.726	9.726	0.000	97	542993	50.0	53.3	
$ 103 4-Bromofluorobenzene	174	9.933	9.933	0.000	87	120579	50.0	49.5	
104 Bromobenzene	156	10.104	10.104	0.000	97	114756	50.0	53.2	
105 1,2,3-Trichloropropane	110	10.329	10.329	0.000	98	33905	50.0	56.3	
106 1,1,2,2-Tetrachloroethane	83	10.353	10.354	-0.001	98	124050	50.0	54.0	
107 trans-1,4-Dichloro-2-butene	53	10.451	10.457	-0.006	85	40978	50.0	59.0	
108 N-Propylbenzene	120	10.482	10.482	0.000	98	140862	50.0	56.5	
109 2-Chlorotoluene	126	10.518	10.518	0.000	97	123045	50.0	55.2	
110 4-Ethyltoluene	105	10.701	10.701	0.000	98	508831	50.0	56.5	
111 4-Chlorotoluene	91	10.731	10.726	0.005	99	435651	50.0	55.1	
112 1,3,5-Trimethylbenzene	105	10.835	10.835	0.000	93	442975	50.0	56.3	
100 Butyl Methacrylate	87	11.219	11.219	0.000	95	114347	50.0	47.9	
113 tert-Butylbenzene	119	11.365	11.360	0.005	93	355869	50.0	57.6	
114 1,2,4-Trimethylbenzene	105	11.451	11.451	0.000	98	440250	50.0	56.2	
115 sec-Butylbenzene	105	11.756	11.756	0.000	99	588265	50.0	57.9	
116 1,3-Dichlorobenzene	146	11.817	11.817	0.000	95	231406	50.0	53.2	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	97	173070	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.006	12.006	0.000	94	230692	50.0	51.7	
119 4-Isopropyltoluene	119	12.085	12.085	0.000	97	476932	50.0	55.5	
120 1,2,3-Trimethylbenzene	105	12.182	12.189	-0.007	99	457908	50.0	54.7	
121 Benzyl chloride	126	12.341	12.341	0.000	98	38723	50.0	52.1	
122 2,3-Dihydroindene	117	12.518	12.512	0.006	94	418955	50.0	54.8	
123 1,2-Dichlorobenzene	146	12.701	12.695	0.006	94	222519	50.0	53.9	
124 p-Diethylbenzene	119	12.829	12.829	0.000	93	247067	50.0	51.6	
125 n-Butylbenzene	92	12.859	12.853	0.006	99	275695	50.0	52.4	
126 1,2-Dibromo-3-Chloropropane	157	13.609	13.609	0.000	93	22621	50.0	56.0	
127 1,2,4,5-Tetramethylbenzene	119	13.646	13.646	0.000	98	374243	50.0	53.3	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	97	162583	50.0	50.0	
129 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	94	142794	50.0	50.4	
130 Hexachlorobutadiene	225	14.383	14.383	0.000	90	77312	50.0	50.1	
131 Naphthalene	128	14.383	14.389	-0.006	99	349908	50.0	54.4	
132 1,2,3-Trichlorobenzene	180	14.548	14.548	0.000	95	139184	50.0	50.1	
S 133 1,2-Dichloroethene, Total	100				0		100.0	106.6	
S 134 1,3-Dichloropropene, Total	100				0		100.0	113.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		100.0	115.7	
S 136 Total BTEX	1				0		250.0	282.5	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00138	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00152	Amount Added:	5.00	Units: uL	
524freon_00050	Amount Added:	5.00	Units: uL	
GASES Li_00469	Amount Added:	5.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 06-Apr-2022 08:40:45 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85238.D

Injection Date: 05-Apr-2022 08:43:30 Instrument ID: CVOAMS2 Operator ID:

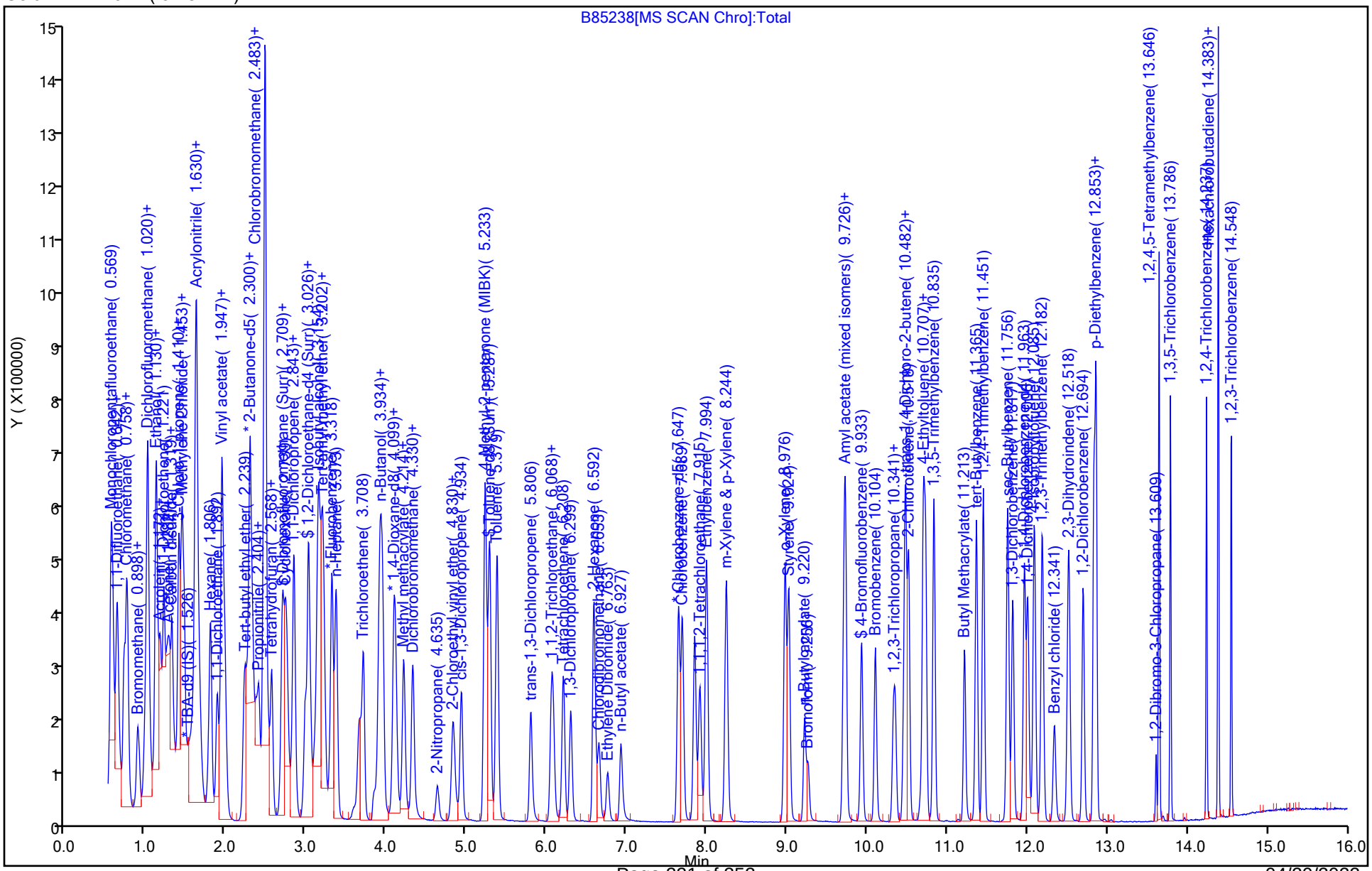
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85239.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 05-Apr-2022 09:05:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0143609-008
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Apr-2022 08:40:53 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: tupayachia Date: 05-Apr-2022 09:37:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.587	0.587	0.000	83	75372	200.0	213.0	a
2 1,1-Difluoroethane	51	0.636	0.636	0.000	95	1615419	200.0	185.7	
3 Dichlorodifluoromethane	85	0.642	0.648	-0.006	96	1120943	200.0	200.2	
4 Chlorodifluoromethane	67	0.642	0.648	-0.006	95	149932	200.0	196.5	
5 Chloromethane	50	0.721	0.721	0.000	99	1430618	200.0	181.3	
6 Butadiene	54	0.758	0.764	-0.006	93	954944	200.0	194.1	
7 Vinyl chloride	62	0.758	0.764	-0.006	98	968452	200.0	181.6	
8 Bromomethane	94	0.892	0.898	-0.006	98	524221	200.0	178.6	
9 Chloroethane	64	0.910	0.910	0.000	100	464656	200.0	167.8	
10 Dichlorofluoromethane	67	1.008	1.008	0.000	98	1253082	200.0	182.2	
12 Pentane	72	1.014	1.014	0.000	96	200140	400.0	349.4	
11 Trichlorofluoromethane	101	1.032	1.032	0.000	99	962429	200.0	187.1	
14 Ethanol	46	1.112	1.112	0.000	71	105123	8000.0	8358.3	
13 Ethyl ether	59	1.112	1.118	-0.006	93	418406	200.0	171.0	
15 2-Methyl-1,3-butadiene	53	1.124	1.130	-0.006	99	588041	200.0	189.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.154	1.166	-0.012	93	524711	200.0	182.8	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.197	1.173	0.024	93	886280	200.0	182.2	Ma
18 Acrolein	56	1.172	1.179	-0.007	49	135866	507.0	531.3	
19 1,1-Dichloroethene	96	1.221	1.221	0.000	95	494532	200.0	180.2	
21 Acetone	43	1.252	1.258	-0.006	86	1062147	1000.0	1042.8	
20 112TCTFE	101	1.270	1.270	0.000	95	592427	200.0	184.0	a
22 Iodomethane	142	1.288	1.294	-0.006	99	888736	200.0	180.2	
23 Carbon disulfide	76	1.319	1.325	-0.006	100	2146079	200.0	185.1	
24 Isopropyl alcohol	45	1.355	1.374	-0.019	96	546765	2000.0	2035.6	
25 3-Chloro-1-propene	39	1.404	1.410	-0.006	90	880630	200.0	175.9	
26 Methyl acetate	43	1.422	1.422	0.000	99	843751	400.0	349.8	
27 Acetonitrile	39	1.441	1.447	-0.006	71	465135	2000.0	2211.9	a
28 Methylene Chloride	84	1.471	1.471	0.000	98	601942	200.0	169.3	
* 29 TBA-d9 (IS)	65	1.538	1.550	-0.012	0	366302	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.611	1.611	0.000	91	727498	2000.0	2008.3	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.611	1.618	-0.007	94	1920623	2000.0	2003.5	
32 trans-1,2-Dichloroethene	96	1.624	1.630	-0.006	98	549386	200.0	172.7	
33 Methyl tert-butyl ether	73	1.648	1.648	0.000	98	1598168	200.0	180.2	
34 Hexane	57	1.800	1.807	-0.007	94	965206	200.0	182.4	
35 1,1-Dichloroethane	63	1.886	1.886	0.000	99	1222718	200.0	182.8	
36 Vinyl acetate	86	1.935	1.941	-0.006	100	144821	400.0	365.7	
37 2-Chloro-1,3-butadiene	88	1.941	1.947	-0.006	92	572104	200.0	195.1	
38 Isopropyl ether	45	1.971	1.971	0.000	93	2481041	200.0	197.2	
39 Tert-butyl ethyl ether	87	2.233	2.227	0.006	88	726241	200.0	202.8	
* 40 2-Butanone-d5	46	2.282	2.288	-0.006	0	379929	250.0	250.0	a
41 cis-1,2-Dichloroethene	96	2.300	2.300	0.000	92	629819	200.0	193.5	
42 2,2-Dichloropropane	79	2.313	2.300	0.013	86	314565	200.0	180.1	
43 2-Butanone (MEK)	72	2.325	2.331	-0.006	99	320402	1000.0	1012.3	
44 Propionitrile	54	2.367	2.374	-0.007	97	824484	2000.0	2024.4	
45 Ethyl acetate	70	2.398	2.404	-0.006	99	97649	400.0	381.1	
62 Methyl acrylate	55	2.410	2.416	-0.006	99	591251	200.0	190.7	
46 Chlorobromomethane	128	2.477	2.477	0.000	95	276328	200.0	182.9	
47 Methacrylonitrile	67	2.483	2.483	0.000	95	2111151	2000.0	1886.8	
48 Tetrahydrofuran	72	2.526	2.526	0.000	95	137905	400.0	414.4	
49 Chloroform	83	2.569	2.569	0.000	97	1048732	200.0	188.7	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.697	0.000	95	147638	50.0	48.5	
51 1,1,1-Trichloroethane	97	2.703	2.703	0.000	98	950663	200.0	194.5	
52 Cyclohexane	84	2.751	2.745	0.006	95	1011516	200.0	206.9	
54 1,1-Dichloropropene	75	2.843	2.843	0.000	93	822059	200.0	196.4	
53 Carbon tetrachloride	117	2.843	2.855	-0.012	96	798373	200.0	195.2	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	170010	50.0	47.2	
56 Benzene	78	3.020	3.026	-0.006	97	2304183	200.0	186.9	
57 1,2-Dichloroethane	62	3.050	3.050	0.000	97	743629	200.0	183.0	
58 Isobutyl alcohol	42	3.093	3.123	-0.030	61	453042	5000.0	5109.5	a
59 Tert-amyl methyl ether	73	3.203	3.197	0.007	88	2119387	200.0	215.9	
73 Isopropyl acetate	43	3.203	3.209	-0.006	94	2917111	200.0	248.9	
* 60 Fluorobenzene	96	3.318	3.318	0.000	97	617865	50.0	50.0	
61 n-Heptane	43	3.367	3.373	-0.006	97	1236502	200.0	192.9	
63 Trichloroethene	95	3.709	3.709	0.000	96	559899	200.0	196.0	
64 n-Butanol	43	3.824	3.879	-0.055	92	176220	5000.0	5187.5	a
65 Methylcyclohexane	83	3.922	3.922	0.000	90	1180286	200.0	210.8	
66 Ethyl acrylate	55	3.928	3.922	0.006	97	1742079	200.0	209.5	
67 1,2-Dichloropropane	63	3.952	3.952	0.000	91	641795	200.0	198.5	
68 Dibromomethane	93	4.080	4.087	-0.007	95	306318	200.0	188.6	
* 69 1,4-Dioxane-d8	96	4.123	4.111	0.012	0	29856	1000.0	1000.0	
70 1,4-Dioxane	88	4.172	4.178	-0.006	84	108241	4000.0	3501.8	
71 Methyl methacrylate	100	4.215	4.221	-0.006	92	232874	400.0	417.6	
72 Dichlorobromomethane	83	4.324	4.324	0.000	98	728373	200.0	197.3	
81 n-Propyl acetate	43	4.330	4.337	-0.007	99	766054	200.0	210.2	
74 2-Nitropropane	41	4.635	4.635	0.000	98	257720	400.0	394.5	
75 2-Chloroethyl vinyl ether	63	4.806	4.806	0.000	94	172209	200.5	203.5	
76 Epichlorohydrin	57	4.836	4.843	-0.007	99	1022060	4000.0	4512.8	
77 cis-1,3-Dichloropropene	75	4.934	4.934	0.000	96	894943	200.0	212.4	
78 4-Methyl-2-pentanone (MIBK)	43	5.233	5.233	0.000	99	2843411	1000.0	1067.4	
$ 79 Toluene-d8 (Surr)	98	5.288	5.288	0.000	99	587705	50.0	50.5	
80 Toluene	91	5.379	5.379	0.000	93	2314584	200.0	193.4	
82 trans-1,3-Dichloropropene	75	5.800	5.800	0.000	98	742108	200.0	212.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.056	6.056	0.000	94	358347	200.0	193.4	
84 Ethyl methacrylate	69	6.080	6.080	0.000	93	623493	200.0	225.3	a
85 Tetrachloroethene	166	6.208	6.208	0.000	94	509554	200.0	197.0	
86 1,3-Dichloropropane	76	6.300	6.300	0.000	97	738781	200.0	191.2	
87 2-Hexanone	43	6.586	6.592	-0.006	99	1860221	1000.0	1070.9	
88 Chlorodibromomethane	129	6.653	6.647	0.006	98	466929	200.0	207.6	
89 Ethylene Dibromide	107	6.763	6.763	0.000	99	398902	200.0	199.0	
90 n-Butyl acetate	43	6.921	6.934	-0.013	99	787544	200.0	213.5	
* 91 Chlorobenzene-d5	117	7.647	7.647	0.000	88	401517	50.0	50.0	
92 Chlorobenzene	112	7.696	7.696	0.000	92	1338644	200.0	194.4	
93 1,1,1,2-Tetrachloroethane	131	7.915	7.915	0.000	95	518986	200.0	207.0	
94 Ethylbenzene	106	7.994	7.994	0.000	99	786898	200.0	210.9	
95 m-Xylene & p-Xylene	106	8.244	8.238	0.006	98	950165	200.0	219.5	
96 o-Xylene	106	8.976	8.982	-0.006	93	950012	200.0	218.5	
97 Styrene	104	9.025	9.019	0.006	95	1572999	200.0	206.6	
98 n-Butyl acrylate	73	9.220	9.226	-0.006	97	352981	200.0	200.5	
99 Bromoform	173	9.262	9.262	0.000	95	292514	200.0	215.3	
101 Amyl acetate (mixed isomers)	43	9.701	9.707	-0.006	89	930968	200.0	199.5	
102 Isopropylbenzene	105	9.732	9.726	0.006	97	2694066	200.0	204.5	
$ 103 4-Bromofluorobenzene	174	9.933	9.933	0.000	86	157088	50.0	48.0	
104 Bromobenzene	156	10.104	10.104	0.000	96	551935	200.0	190.6	
105 1,2,3-Trichloropropane	110	10.329	10.329	0.000	97	147596	200.0	182.5	
106 1,1,2,2-Tetrachloroethane	83	10.354	10.354	0.000	99	551127	200.0	178.4	
107 trans-1,4-Dichloro-2-butene	53	10.457	10.457	0.000	91	185534	200.0	198.7	
108 N-Propylbenzene	120	10.482	10.482	0.000	98	691152	200.0	206.3	
109 2-Chlorotoluene	126	10.518	10.518	0.000	96	600465	200.0	200.4	
110 4-Ethyltoluene	105	10.707	10.701	0.006	98	2608820	200.0	215.6	
111 4-Chlorotoluene	91	10.732	10.726	0.006	99	2161609	200.0	203.6	
112 1,3,5-Trimethylbenzene	105	10.835	10.835	0.000	92	2280726	200.0	215.7	
100 Butyl Methacrylate	87	11.219	11.219	0.000	97	673631	200.0	201.5	
113 tert-Butylbenzene	119	11.366	11.360	0.006	93	1816098	200.0	218.7	
114 1,2,4-Trimethylbenzene	105	11.457	11.451	0.006	98	2299953	200.0	218.6	
115 sec-Butylbenzene	105	11.756	11.756	0.000	99	3013444	200.0	220.7	
116 1,3-Dichlorobenzene	146	11.823	11.817	0.006	95	1153806	200.0	197.5	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	97	232531	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.006	12.006	0.000	93	1135011	200.0	189.2	
119 4-Isopropyltoluene	119	12.091	12.085	0.006	97	2518542	200.0	218.2	
120 1,2,3-Trimethylbenzene	105	12.189	12.189	0.000	99	2532820	200.0	225.0	
121 Benzyl chloride	126	12.341	12.341	0.000	98	207862	200.0	199.5	
122 2,3-Dihydroindene	117	12.518	12.512	0.006	94	2233396	200.0	212.2	
123 1,2-Dichlorobenzene	146	12.701	12.695	0.006	95	1119336	200.0	201.6	
124 p-Diethylbenzene	119	12.835	12.829	0.006	91	1322874	200.0	203.9	
125 n-Butylbenzene	92	12.859	12.853	0.006	98	1423113	200.0	199.8	
126 1,2-Dibromo-3-Chloropropane	157	13.609	13.609	0.000	95	100476	200.0	185.2	
127 1,2,4,5-Tetramethylbenzene	119	13.646	13.646	0.000	97	2220647	200.0	206.2	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	97	907428	200.0	207.6	
129 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	94	739678	200.0	194.4	
130 Hexachlorobutadiene	225	14.383	14.383	0.000	91	418587	200.0	201.9	
131 Naphthalene	128	14.383	14.389	-0.006	99	1819280	200.0	210.4	
132 1,2,3-Trichlorobenzene	180	14.548	14.548	0.000	95	715702	200.0	191.8	
S 133 1,2-Dichloroethene, Total	100				0		400.0	366.1	
S 134 1,3-Dichloropropene, Total	100				0		400.0	424.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		400.0	438.0	
S 136 Total BTEX	1				0		1000.0	1029.3	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GAS Hi_00411	Amount Added:	2.00	Units: uL	
Ethanol mix_00063	Amount Added:	2.00	Units: uL	
ACROLEIN W_00138	Amount Added:	5.00	Units: uL	
8FreonHi_00043	Amount Added:	2.00	Units: uL	
MIX I Hi_00149	Amount Added:	2.00	Units: uL	
MIX 2 Hi_00122	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 06-Apr-2022 08:40:54 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85239.D

Injection Date: 05-Apr-2022 09:05:30 Instrument ID: CVOAMS2 Operator ID:

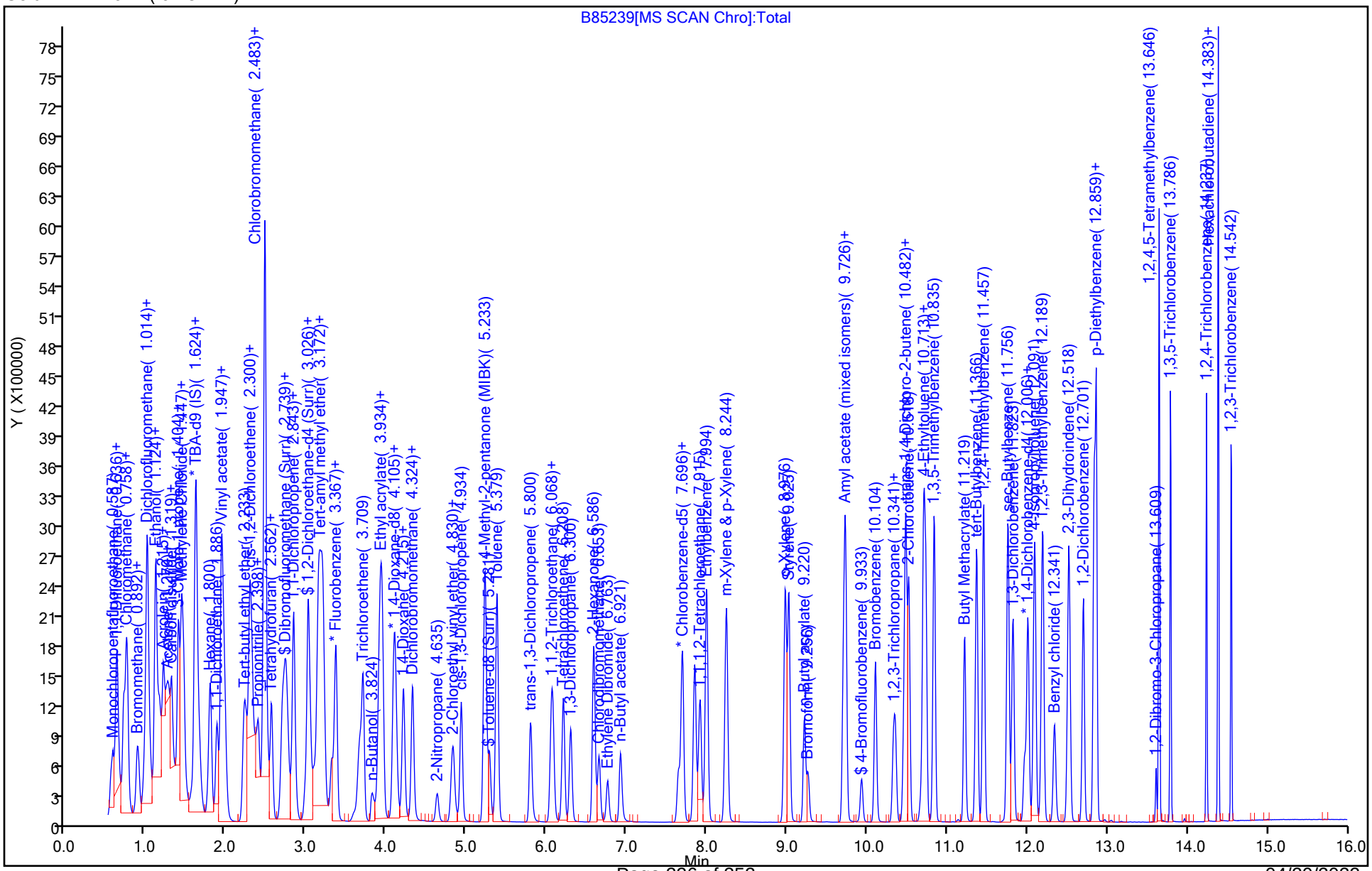
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85240.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 05-Apr-2022 09:28:30 ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0143609-009
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Apr-2022 08:41:01 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: tupayachia Date: 05-Apr-2022 09:56:45

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	0.587	0.587	0.000	81	185594	500.0	478.9	a
2	1,1-Difluoroethane	51	0.636	0.636	0.000	92	4011083	500.0	422.0	
3	Dichlorodifluoromethane	85	0.642	0.648	-0.006	96	2823529	500.0	461.6	
4	Chlorodifluoromethane	67	0.642	0.648	-0.006	96	380385	500.0	457.1	
5	Chloromethane	50	0.721	0.721	0.000	99	3553822	500.0	412.3	
6	Butadiene	54	0.764	0.764	0.000	95	2367317	500.0	440.3	
7	Vinyl chloride	62	0.758	0.764	-0.006	98	2390929	500.0	410.3	
8	Bromomethane	94	0.892	0.898	-0.006	99	1144907	500.0	357.1	
9	Chloroethane	64	0.910	0.910	0.000	99	974333	500.0	322.0	
10	Dichlorofluoromethane	67	1.014	1.008	0.006	98	2756880	500.0	367.0	
12	Pentane	72	1.014	1.014	0.000	96	453161	1000.0	724.1	
11	Trichlorofluoromethane	101	1.032	1.032	0.000	97	2236722	500.0	397.9	
14	Ethanol	46	1.105	1.112	-0.007	93	239848	20000	17684	M
13	Ethyl ether	59	1.111	1.118	-0.007	93	983270	500.0	367.8	
15	2-Methyl-1,3-butadiene	53	1.124	1.130	-0.006	98	1390868	500.0	410.1	
16	1,2-Dichloro-1,1,2-trifluoroetha	117	1.166	1.166	0.000	93	1284822	500.0	409.6	
17	1,1,1-Trifluoro-2,2-dichloroetha	83	1.197	1.173	0.024	93	2178303	500.0	409.9	a
18	Acrolein	56	1.172	1.179	-0.007	37	153197	608.4	555.6	
19	1,1-Dichloroethene	96	1.221	1.221	0.000	94	1242677	500.0	414.4	
21	Acetone	43	1.252	1.258	-0.006	85	2525005	2500.0	2292.3	
20	112TCTFE	101	1.270	1.270	0.000	95	1481357	500.0	421.0	a
22	Iodomethane	142	1.288	1.294	-0.006	99	2239937	500.0	415.6	
23	Carbon disulfide	76	1.319	1.325	-0.006	100	5434423	500.0	428.9	
24	Isopropyl alcohol	45	1.355	1.374	-0.019	96	1377697	5000.0	4756.4	
25	3-Chloro-1-propene	39	1.404	1.410	-0.006	91	2279914	500.0	416.8	
26	Methyl acetate	43	1.428	1.422	0.006	99	2125419	1000.0	806.3	
27	Acetonitrile	39	1.441	1.447	-0.006	71	1233154	5000.0	5437.9	a
28	Methylene Chloride	84	1.471	1.471	0.000	98	1542950	500.0	397.1	
* 29	TBA-d9 (IS)	65	1.544	1.550	-0.006	0	395014	1000.0	1000.0	Ma
30	2-Methyl-2-propanol	59	1.611	1.611	0.000	46	1894034	5000.0	4848.6	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.617	1.618	-0.001	94	4784754	5000.0	4628.5	
32 trans-1,2-Dichloroethene	96	1.623	1.630	-0.007	99	1382774	500.0	397.7	
33 Methyl tert-butyl ether	73	1.654	1.648	0.006	97	4099761	500.0	423.1	
34 Hexane	57	1.800	1.807	-0.007	94	2580255	500.0	446.4	
35 1,1-Dichloroethane	63	1.886	1.886	0.000	99	3342575	500.0	457.4	
36 Vinyl acetate	86	1.940	1.941	-0.001	100	449982	1000.0	1050.7	
37 2-Chloro-1,3-butadiene	88	1.947	1.947	0.000	93	1577530	500.0	492.4	
38 Isopropyl ether	45	1.977	1.971	0.006	96	6707957	500.0	487.9	
39 Tert-butyl ethyl ether	87	2.239	2.227	0.012	88	2022455	500.0	516.8	
* 40 2-Butanone-d5	46	2.288	2.288	0.000	0	410890	250.0	250.0	a
41 cis-1,2-Dichloroethene	96	2.300	2.300	0.000	91	1730169	500.0	486.4	
42 2,2-Dichloropropane	79	2.318	2.300	0.018	91	861405	500.0	451.3	
43 2-Butanone (MEK)	72	2.331	2.331	0.000	100	865423	2500.0	2528.1	
44 Propionitrile	54	2.373	2.374	-0.001	97	2274891	5000.0	5164.7	
45 Ethyl acetate	70	2.404	2.404	0.000	99	282386	1000.0	1019.1	
62 Methyl acrylate	55	2.416	2.416	0.000	99	1639411	500.0	483.9	
46 Chlorobromomethane	128	2.483	2.477	0.006	96	741881	500.0	449.5	
47 Methacrylonitrile	67	2.495	2.483	0.012	95	5706385	5000.0	4667.3	
48 Tetrahydrofuran	72	2.532	2.526	0.006	94	381613	1000.0	1060.3	
49 Chloroform	83	2.568	2.569	-0.001	98	2904548	500.0	478.3	
$ 50 Dibromofluoromethane (Surr)	113	2.703	2.697	0.005	95	164018	50.0	49.3	
51 1,1,1-Trichloroethane	97	2.709	2.703	0.006	98	2651616	500.0	496.5	
52 Cyclohexane	84	2.751	2.745	0.006	95	2782520	500.0	520.8	
54 1,1-Dichloropropene	75	2.843	2.843	0.000	93	2336777	500.0	510.8	
53 Carbon tetrachloride	117	2.849	2.855	-0.006	96	2235921	500.0	500.4	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.983	2.977	0.006	0	189738	50.0	48.2	
56 Benzene	78	3.026	3.026	0.000	97	6458883	500.0	473.1	
57 1,2-Dichloroethane	62	3.056	3.050	0.006	97	2072709	500.0	466.8	
58 Isobutyl alcohol	42	3.105	3.123	-0.018	59	1292161	12500	12487	a
59 Tert-amyl methyl ether	73	3.209	3.197	0.012	86	5988782	500.0	558.4	
73 Isopropyl acetate	43	3.209	3.209	-0.001	92	8329152	500.0	650.5	
* 60 Fluorobenzene	96	3.318	3.318	0.000	95	675132	50.0	50.0	a
61 n-Heptane	43	3.367	3.373	-0.006	97	3320208	500.0	474.0	
63 Trichloroethene	95	3.708	3.709	-0.001	96	1565481	500.0	501.4	
64 n-Butanol	43	3.818	3.879	-0.061	90	557128	12500	12481	a
65 Methylcyclohexane	83	3.928	3.922	0.006	85	3317912	500.0	542.2	
66 Ethyl acrylate	55	3.934	3.922	0.012	97	4888562	500.0	538.1	
67 1,2-Dichloropropane	63	3.958	3.952	0.006	94	1739982	500.0	492.6	
68 Dibromomethane	93	4.086	4.087	-0.001	94	847532	500.0	477.5	
* 69 1,4-Dioxane-d8	96	4.123	4.111	0.012	0	38783	1000.0	1000.0	
70 1,4-Dioxane	88	4.178	4.178	0.000	85	313414	10000	7794.8	
71 Methyl methacrylate	100	4.221	4.221	-0.001	92	646649	1000.0	1061.2	
72 Dichlorobromomethane	83	4.330	4.324	0.006	99	2033961	500.0	504.1	
81 n-Propyl acetate	43	4.330	4.337	-0.007	99	2137934	500.0	536.8	
74 2-Nitropropane	41	4.635	4.635	0.000	97	735123	1000.0	1000.7	
75 2-Chloroethyl vinyl ether	63	4.812	4.806	0.006	94	523633	501.2	494.8	
76 Epichlorohydrin	57	4.842	4.843	-0.001	99	2869093	10000	11714	
77 cis-1,3-Dichloropropene	75	4.940	4.934	0.006	96	2495658	500.0	534.8	
78 4-Methyl-2-pentanone (MIBK)	43	5.239	5.233	0.006	98	7791548	2500.0	2704.4	
$ 79 Toluene-d8 (Surr)	98	5.293	5.288	0.005	98	640432	50.0	49.7	
80 Toluene	91	5.385	5.379	0.006	93	6370383	500.0	480.7	
82 trans-1,3-Dichloropropene	75	5.799	5.800	-0.001	98	2137757	500.0	552.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.062	6.056	0.006	95	988534	500.0	481.7	
84 Ethyl methacrylate	69	6.080	6.080	0.000	96	1791403	500.0	592.4	
85 Tetrachloroethene	166	6.214	6.208	0.006	95	1424279	500.0	497.1	
86 1,3-Dichloropropane	76	6.305	6.300	0.005	96	2087963	500.0	487.9	
87 2-Hexanone	43	6.592	6.592	0.000	99	5175661	2500.0	2429.8	
88 Chlorodibromomethane	129	6.659	6.647	0.012	98	1335075	500.0	536.0	
89 Ethylene Dibromide	107	6.769	6.763	0.006	99	1134070	500.0	510.7	
90 n-Butyl acetate	43	6.921	6.934	-0.013	99	2288360	500.0	560.2	
* 91 Chlorobenzene-d5	117	7.647	7.647	0.000	88	444683	50.0	50.0	
92 Chlorobenzene	112	7.702	7.696	0.006	92	3830529	500.0	502.3	
93 1,1,1,2-Tetrachloroethane	131	7.921	7.915	0.006	95	1496642	500.0	538.9	
94 Ethylbenzene	106	8.000	7.994	0.006	99	2242021	500.0	542.6	
95 m-Xylene & p-Xylene	106	8.250	8.238	0.012	98	2727559	500.0	569.0	
96 o-Xylene	106	8.982	8.982	0.000	93	2715529	500.0	563.9	
97 Styrene	104	9.031	9.019	0.012	95	4552680	500.0	490.9	
98 n-Butyl acrylate	73	9.220	9.226	-0.006	96	1030503	500.0	499.9	
99 Bromoform	173	9.268	9.262	0.006	95	867918	500.0	576.8	
101 Amyl acetate (mixed isomers)	43	9.707	9.707	0.000	89	2749370	500.0	500.0	
102 Isopropylbenzene	105	9.732	9.726	0.006	97	7742244	500.0	530.0	
$ 103 4-Bromofluorobenzene	174	9.939	9.933	0.006	88	176977	50.0	47.7	
104 Bromobenzene	156	10.110	10.104	0.006	96	1606495	500.0	489.2	
105 1,2,3-Trichloropropane	110	10.335	10.329	0.006	98	425125	500.0	463.6	
106 1,1,2,2-Tetrachloroethane	83	10.360	10.354	0.006	98	1611179	500.0	460.0	
107 trans-1,4-Dichloro-2-butene	53	10.463	10.457	0.006	90	548405	500.0	518.1	
108 N-Propylbenzene	120	10.494	10.482	0.012	98	2011672	500.0	529.5	
109 2-Chlorotoluene	126	10.530	10.518	0.012	98	1738471	500.0	511.7	
110 4-Ethyltoluene	105	10.713	10.701	0.012	99	7661702	500.0	558.6	
111 4-Chlorotoluene	91	10.738	10.726	0.012	99	6389922	500.0	530.8	
112 1,3,5-Trimethylbenzene	105	10.847	10.835	0.012	92	6730456	500.0	561.5	
100 Butyl Methacrylate	87	11.225	11.219	0.006	98	2042222	500.0	499.8	
113 tert-Butylbenzene	119	11.372	11.360	0.012	93	5477611	500.0	581.9	
114 1,2,4-Trimethylbenzene	105	11.463	11.451	0.012	98	6865731	500.0	575.7	
115 sec-Butylbenzene	105	11.768	11.756	0.012	99	8930007	500.0	577.0	
116 1,3-Dichlorobenzene	146	11.829	11.817	0.012	95	3395781	500.0	512.8	
* 117 1,4-Dichlorobenzene-d4	152	11.969	11.963	0.006	95	263641	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.012	12.006	0.006	93	3359017	500.0	493.9	
119 4-Isopropyltoluene	119	12.103	12.085	0.018	97	7518719	500.0	574.4	
120 1,2,3-Trimethylbenzene	105	12.201	12.189	0.012	99	7555482	500.0	592.0	
121 Benzyl chloride	126	12.347	12.341	0.006	98	639264	500.0	500.0	
122 2,3-Dihydroindene	117	12.530	12.512	0.018	94	6532207	500.0	488.2	
123 1,2-Dichlorobenzene	146	12.707	12.695	0.012	94	3291473	500.0	522.9	
124 p-Diethylbenzene	119	12.841	12.829	0.012	89	3992393	500.0	541.7	
125 n-Butylbenzene	92	12.865	12.853	0.012	98	4260738	500.0	526.8	
126 1,2-Dibromo-3-Chloropropane	157	13.609	13.609	0.000	95	317151	500.0	515.6	
127 1,2,4,5-Tetramethylbenzene	119	13.652	13.646	0.006	96	7375575	500.0	493.6	
128 1,3,5-Trichlorobenzene	180	13.792	13.786	0.006	97	2998331	500.0	604.9	
129 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	94	2558091	500.0	592.9	
130 Hexachlorobutadiene	225	14.383	14.383	0.000	89	1442196	500.0	613.5	
131 Naphthalene	128	14.383	14.389	-0.006	99	6306964	500.0	643.5	
132 1,2,3-Trichlorobenzene	180	14.548	14.548	0.000	96	2463482	500.0	582.3	
S 133 1,2-Dichloroethene, Total	100				0		1000.0	884.1	
S 134 1,3-Dichloropropene, Total	100				0		1000.0	1087.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		1000.0	1132.9	
S 136 Total BTEX	1				0		2500.0	2629.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS Hi_00411	Amount Added:	5.00	Units: uL		
Ethanol mix_00063	Amount Added:	5.00	Units: uL		
ACROLEIN W_00138	Amount Added:	6.00	Units: uL		
8FreonHi_00043	Amount Added:	5.00	Units: uL		
MIX I Hi_00149	Amount Added:	5.00	Units: uL		
MIX 2 Hi_00122	Amount Added:	5.00	Units: uL		
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 06-Apr-2022 08:41:02 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85240.D

Injection Date: 05-Apr-2022 09:28:30 Instrument ID: CVOAMS2 Operator ID:

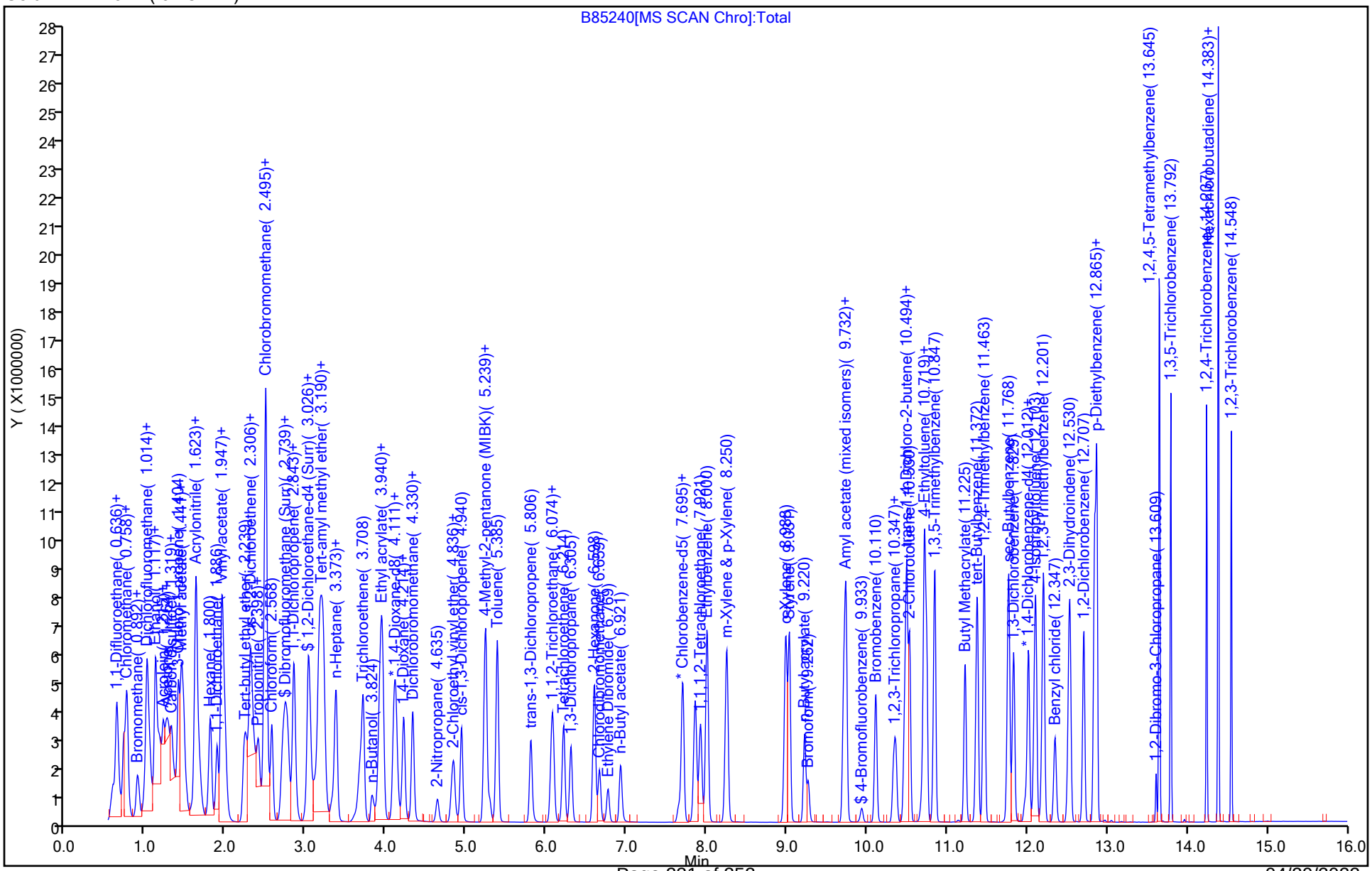
Lims ID: STD500 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 05-Apr-2022 12:25:30 ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0143609-017
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Apr-2022 08:41:09 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: delpolitov Date: 05-Apr-2022 13:22:57

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	0.587	0.587	0.000	57	5886	20.0	20.7	a
2	1,1-Difluoroethane	51	0.636	0.636	0.000	92	151294	20.0	20.8	
3	Dichlorodifluoromethane	85	0.648	0.648	0.000	60	102954	20.0	22.0	
4	Chlorodifluoromethane	67	0.648	0.648	0.000	96	13951	20.0	21.3	
5	Chloromethane	50	0.721	0.721	0.000	99	138323	20.0	21.0	
6	Butadiene	54	0.764	0.764	0.000	93	95038	20.0	23.1	
7	Vinyl chloride	62	0.764	0.764	0.000	97	97397	20.0	21.8	
8	Bromomethane	94	0.898	0.898	0.000	99	55053	20.0	22.4	
9	Chloroethane	64	0.910	0.910	0.000	100	50330	20.0	21.7	
10	Dichlorofluoromethane	67	1.008	1.008	0.000	97	131686	20.0	22.9	
12	Pentane	72	1.014	1.014	0.000	97	22710	40.0	47.4	
11	Trichlorofluoromethane	101	1.032	1.032	0.000	97	100321	20.0	23.3	
14	Ethanol	46	1.112	1.112	0.000	74	8545	800.0	685.4	
13	Ethyl ether	59	1.118	1.118	0.000	91	42716	20.0	20.9	
15	2-Methyl-1,3-butadiene	53	1.130	1.130	0.000	98	57636	20.0	22.2	
16	1,2-Dichloro-1,1,2-trifluoroetha	117	1.166	1.166	0.000	89	51059	20.0	21.3	a
17	1,1,1-Trifluoro-2,2-dichloroetha	83	1.173	1.173	0.000	82	86809	20.0	21.3	a
18	Acrolein	56	1.179	1.179	0.000	98	83080	304.2	327.8	
19	1,1-Dichloroethene	96	1.221	1.221	0.000	93	52225	20.0	22.8	
21	Acetone	43	1.258	1.258	0.000	85	82364	100.0	92.0	
20	112TCTFE	101	1.270	1.270	0.000	93	60047	20.0	22.3	a
22	Iodomethane	142	1.294	1.294	0.000	100	89038	20.0	21.6	
23	Carbon disulfide	76	1.325	1.325	0.000	100	212259	20.0	21.9	
24	Isopropyl alcohol	45	1.374	1.374	0.000	97	41773	200.0	156.9	a
25	3-Chloro-1-propene	39	1.410	1.410	0.000	90	92417	20.0	22.1	
26	Methyl acetate	43	1.422	1.422	0.000	99	86377	40.0	42.8	
27	Acetonitrile	39	1.447	1.447	0.000	23	45563	200.0	218.6	a
28	Methylene Chloride	84	1.471	1.471	0.000	98	59980	20.0	20.2	
* 29	TBA-d9 (IS)	65	1.550	1.550	0.000	0	363105	1000.0	1000.0	
30	2-Methyl-2-propanol	59	1.611	1.611	0.000	93	68799	200.0	191.6	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.618	1.618	0.000	95	200020	200.0	210.5	
32 trans-1,2-Dichloroethene	96	1.630	1.630	0.000	98	57328	20.0	21.5	
33 Methyl tert-butyl ether	73	1.648	1.648	0.000	98	152413	20.0	20.6	
34 Hexane	57	1.807	1.807	0.000	94	99066	20.0	22.4	
35 1,1-Dichloroethane	63	1.886	1.886	0.000	99	115094	20.0	20.6	
36 Vinyl acetate	86	1.941	1.941	0.000	100	17008	40.0	48.9	
37 2-Chloro-1,3-butadiene	88	1.947	1.947	0.000	68	50392	20.0	20.6	
38 Isopropyl ether	45	1.971	1.971	0.000	95	208496	20.0	19.8	
39 Tert-butyl ethyl ether	87	2.227	2.227	0.000	88	58501	20.0	19.5	
* 40 2-Butanone-d5	46	2.288	2.288	0.000	0	333904	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.300	2.300	0.000	91	56025	20.0	20.6	
42 2,2-Dichloropropane	79	2.300	2.300	0.000	63	29875	20.0	20.5	
43 2-Butanone (MEK)	72	2.331	2.331	0.000	99	27489	100.0	98.8	
44 Propionitrile	54	2.374	2.374	0.000	95	69916	200.0	195.3	
45 Ethyl acetate	70	2.404	2.404	0.000	99	9609	40.0	42.7	
62 Methyl acrylate	55	2.416	2.416	0.000	98	49707	20.0	19.2	
46 Chlorobromomethane	128	2.477	2.477	0.000	96	25432	20.0	20.1	
47 Methacrylonitrile	67	2.483	2.483	0.000	95	184763	200.0	197.5	
48 Tetrahydrofuran	72	2.526	2.526	0.000	94	12625	40.0	43.2	
49 Chloroform	83	2.569	2.569	0.000	97	95923	20.0	20.6	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.697	0.000	96	126339	50.0	49.7	
51 1,1,1-Trichloroethane	97	2.703	2.703	0.000	73	89685	20.0	21.9	
52 Cyclohexane	84	2.745	2.745	0.000	96	88720	20.0	21.7	
54 1,1-Dichloropropene	75	2.843	2.843	0.000	92	75379	20.0	21.5	
53 Carbon tetrachloride	117	2.855	2.855	0.000	86	71608	20.0	20.9	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	150334	50.0	49.9	
56 Benzene	78	3.026	3.026	0.000	97	209669	20.0	20.9	
57 1,2-Dichloroethane	62	3.050	3.050	0.000	97	67336	20.0	19.8	
58 Isobutyl alcohol	42	3.123	3.123	0.000	28	24526	500.0	294.9	a
59 Tert-amyl methyl ether	73	3.197	3.197	0.000	90	154466	20.0	18.8	
73 Isopropyl acetate	43	3.209	3.209	0.000	92	190358	20.0	19.4	
* 60 Fluorobenzene	96	3.318	3.318	0.000	98	516615	50.0	50.0	
61 n-Heptane	43	3.373	3.373	0.000	96	116749	20.0	21.8	
63 Trichloroethene	95	3.709	3.709	0.000	95	50638	20.0	21.2	
64 n-Butanol	43	3.879	3.879	0.000	71	5851	500.0	204.2	a
65 Methylcyclohexane	83	3.922	3.922	0.000	93	102258	20.0	21.8	
66 Ethyl acrylate	55	3.922	3.922	0.000	92	143836	20.0	20.7	
67 1,2-Dichloropropane	63	3.952	3.952	0.000	94	56726	20.0	21.0	
68 Dibromomethane	93	4.087	4.087	0.000	94	27145	20.0	20.0	
* 69 1,4-Dioxane-d8	96	4.111	4.111	0.000	0	19939	1000.0	1000.0	
70 1,4-Dioxane	88	4.178	4.178	0.000	32	8508	400.0	420.0	Ma
71 Methyl methacrylate	100	4.221	4.221	0.000	92	17916	40.0	38.4	
72 Dichlorobromomethane	83	4.324	4.324	0.000	98	60850	20.0	19.7	
81 n-Propyl acetate	43	4.337	4.337	0.000	97	62628	20.0	20.5	
74 2-Nitropropane	41	4.635	4.635	0.000	98	19759	40.0	36.8	
75 2-Chloroethyl vinyl ether	63	4.806	4.806	0.000	92	12327	20.0	19.4	
76 Epichlorohydrin	57	4.843	4.843	0.000	99	81910	400.0	411.5	
77 cis-1,3-Dichloropropene	75	4.934	4.934	0.000	96	70571	20.0	20.6	
78 4-Methyl-2-pentanone (MIBK)	43	5.233	5.233	0.000	97	226729	100.0	96.8	a
$ 79 Toluene-d8 (Surr)	98	5.288	5.288	0.000	98	475005	50.0	50.2	
80 Toluene	91	5.379	5.379	0.000	93	201636	20.0	20.7	
82 trans-1,3-Dichloropropene	75	5.800	5.800	0.000	99	56028	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.056	6.056	0.000	93	30724	20.0	20.4	
84 Ethyl methacrylate	69	6.080	6.080	0.000	75	43682	20.0	18.9	a
85 Tetrachloroethene	166	6.208	6.208	0.000	95	45838	20.0	21.8	
86 1,3-Dichloropropane	76	6.300	6.300	0.000	96	61882	20.0	19.7	
87 2-Hexanone	43	6.592	6.592	0.000	99	138274	100.0	101.4	M
88 Chlorodibromomethane	129	6.647	6.647	0.000	97	37065	20.0	20.3	
89 Ethylene Dibromide	107	6.763	6.763	0.000	99	32423	20.0	19.9	
90 n-Butyl acetate	43	6.934	6.934	0.000	99	54587	20.0	18.2	
* 91 Chlorobenzene-d5	117	7.647	7.647	0.000	90	326260	50.0	50.0	
92 Chlorobenzene	112	7.696	7.696	0.000	93	116061	20.0	20.7	
93 1,1,1,2-Tetrachloroethane	131	7.915	7.915	0.000	95	39178	20.0	19.2	
94 Ethylbenzene	106	7.994	7.994	0.000	99	65474	20.0	21.6	
95 m-Xylene & p-Xylene	106	8.238	8.238	0.000	98	74961	20.0	21.3	
96 o-Xylene	106	8.982	8.982	0.000	93	72154	20.0	20.4	
97 Styrene	104	9.019	9.019	0.000	95	114078	20.0	20.1	
98 n-Butyl acrylate	73	9.226	9.226	0.000	99	20723	20.0	15.0	
99 Bromoform	173	9.262	9.262	0.000	94	21544	20.0	19.5	
101 Amyl acetate (mixed isomers)	43	9.707	9.707	0.000	91	53623	20.0	16.4	
102 Isopropylbenzene	105	9.726	9.726	0.000	97	202811	20.0	19.4	
$ 103 4-Bromofluorobenzene	174	9.933	9.933	0.000	89	121028	50.0	51.5	
104 Bromobenzene	156	10.104	10.104	0.000	97	44706	20.0	21.5	
105 1,2,3-Trichloropropane	110	10.329	10.329	0.000	96	11898	20.0	20.5	
106 1,1,2,2-Tetrachloroethane	83	10.354	10.354	0.000	98	44772	20.0	20.2	
107 trans-1,4-Dichloro-2-butene	53	10.457	10.457	0.000	80	13461	20.0	20.1	
108 N-Propylbenzene	120	10.482	10.482	0.000	98	53061	20.0	22.0	
109 2-Chlorotoluene	126	10.518	10.518	0.000	97	48106	20.0	22.3	
110 4-Ethyltoluene	105	10.701	10.701	0.000	98	189766	20.0	21.8	
111 4-Chlorotoluene	91	10.726	10.726	0.000	99	160931	20.0	21.1	
112 1,3,5-Trimethylbenzene	105	10.835	10.835	0.000	92	163757	20.0	21.6	
100 Butyl Methacrylate	87	11.219	11.219	0.000	96	35622	20.0	15.6	
113 tert-Butylbenzene	119	11.360	11.360	0.000	93	126794	20.0	21.3	
114 1,2,4-Trimethylbenzene	105	11.451	11.451	0.000	98	164342	20.0	21.7	
115 sec-Butylbenzene	105	11.756	11.756	0.000	99	212833	20.0	21.7	
116 1,3-Dichlorobenzene	146	11.817	11.817	0.000	96	89508	20.0	21.3	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	96	167062	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.006	12.006	0.000	97	90717	20.0	21.0	
119 4-Isopropyltoluene	119	12.085	12.085	0.000	98	180382	20.0	21.7	
120 1,2,3-Trimethylbenzene	105	12.189	12.189	0.000	99	167968	20.0	20.8	
121 Benzyl chloride	126	12.341	12.341	0.000	98	13274	20.0	18.7	
122 2,3-Dihydroindene	117	12.512	12.512	0.000	94	151426	20.0	19.7	
123 1,2-Dichlorobenzene	146	12.695	12.695	0.000	95	83082	20.0	20.8	
124 p-Diethylbenzene	119	12.829	12.829	0.000	93	90810	20.0	20.0	
125 n-Butylbenzene	92	12.853	12.853	0.000	98	101111	20.0	20.2	
126 1,2-Dibromo-3-Chloropropane	157	13.609	13.609	0.000	93	7080	20.0	18.2	
127 1,2,4,5-Tetramethylbenzene	119	13.646	13.646	0.000	98	137007	20.0	21.0	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	96	65243	20.0	20.8	
129 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	94	57186	20.0	20.9	
130 Hexachlorobutadiene	225	14.383	14.383	0.000	92	30727	20.0	20.6	
131 Naphthalene	128	14.389	14.389	0.000	99	115764	20.0	18.6	
132 1,2,3-Trichlorobenzene	180	14.548	14.548	0.000	96	53864	20.0	20.1	
S 133 1,2-Dichloroethene, Total	100				0		40.0	42.1	
S 134 1,3-Dichloropropene, Total	100				0		40.0	40.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	41.7	
S 136 Total BTEX	1				0		100.0	105.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00138	Amount Added:	3.00	Units: uL	
8260MIX1COMB_00152	Amount Added:	2.00	Units: uL	
524freon_00050	Amount Added:	2.00	Units: uL	
GASES Li_00469	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 06-Apr-2022 08:41:11 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Injection Date: 05-Apr-2022 12:25:30 Instrument ID: CVOAMS2 Operator ID:

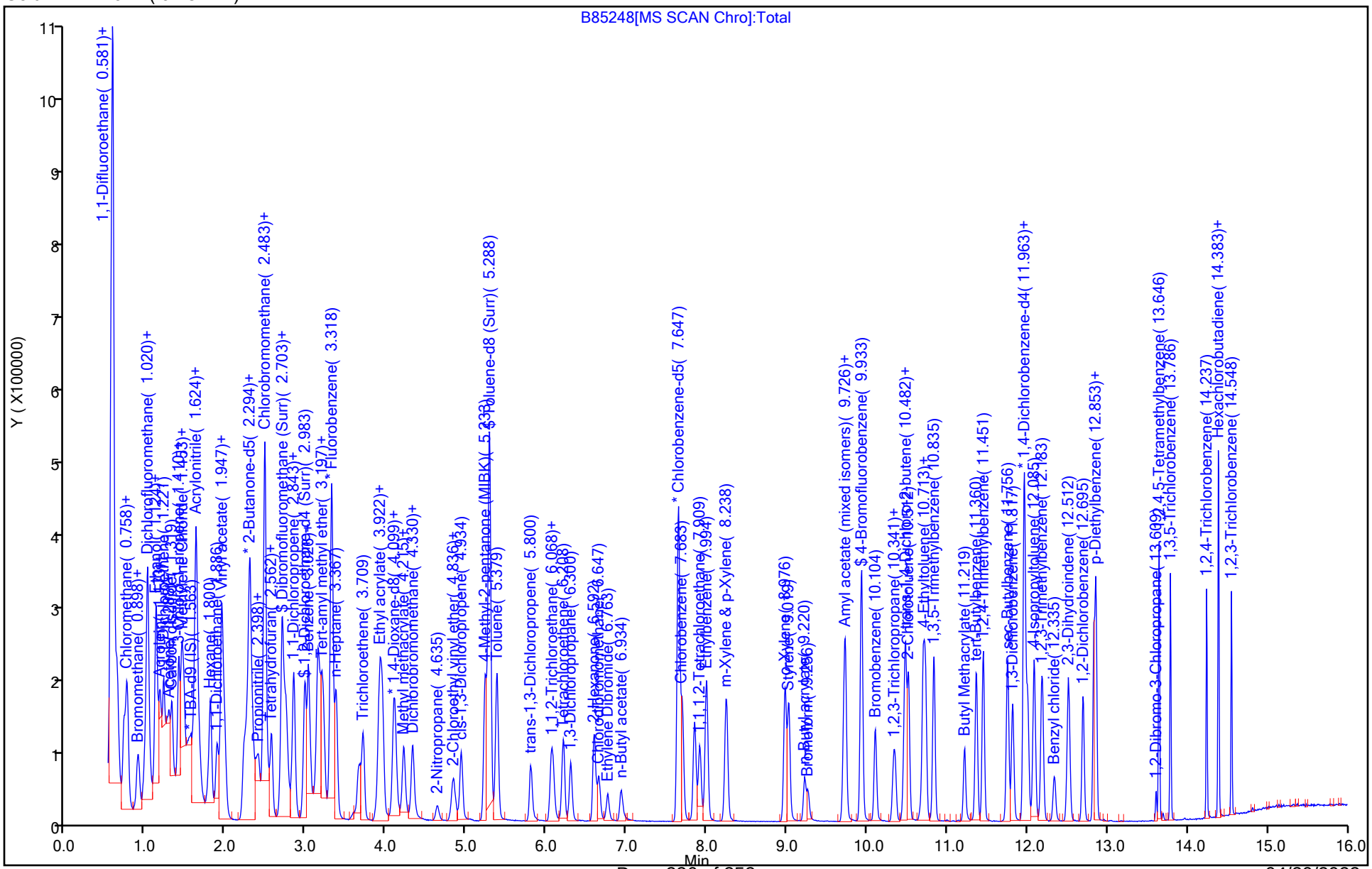
Lims ID: STD20 Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 17

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Lab Sample ID: ICV 460-836508/17 Calibration Date: 03/31/2022 05:47

Instrument ID: CVOAMS11 Calib Start Date: 03/31/2022 00:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/31/2022 02:44

Lab File ID: N47441.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.1246	0.0843		13.5	20.0	-32.4*	30.0
Dichlorodifluoromethane	Ave	0.3765	0.4041	0.1000	21.5	20.0	7.3	30.0
Chlorodifluoromethane	Ave	0.2930	0.2732		18.7	20.0	-6.7	30.0
Chloromethane	Ave	0.996	1.087	0.1000	21.8	20.0	9.2	30.0
Butadiene	Lin2		0.1890		19.1	20.0	-4.3	30.0
Vinyl chloride	Ave	0.3146	0.3124	0.1000	19.9	20.0	-0.7	30.0
Bromomethane	Ave	0.2434	0.2696	0.1000	22.2	20.0	10.8	30.0
Chloroethane	Ave	0.1662	0.1731	0.1000	20.8	20.0	4.1	30.0
Dichlorofluoromethane	Ave	0.4915	0.4947		20.1	20.0	0.7	30.0
Trichlorofluoromethane	Ave	0.4278	0.4435	0.1000	20.7	20.0	3.7	30.0
Pentane	Ave	7.621	8.345		43.8	40.0	9.5	30.0
Ethanol	Lin2		0.2618		796	800	-0.5	30.0
Ethyl ether	Ave	0.1504	0.1613		21.5	20.0	7.3	30.0
2-Methyl-1,3-butadiene	Ave	0.1543	0.1622		21.0	20.0	5.1	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2711	0.2563		18.9	20.0	-5.5	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3571	0.3360		18.8	20.0	-5.9	30.0
Acrolein	Ave	6.940	4.821		27.8	40.1	-30.5*	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1957	0.1875	0.1000	19.2	20.0	-4.2	30.0
1,1-Dichloroethene	Ave	0.2757	0.2960	0.1000	21.5	20.0	7.4	30.0
Acetone	Ave	0.2890	0.2990	0.0500	103	100	3.5	30.0
Iodomethane	Ave	0.5812	0.6418		22.1	20.0	10.4	30.0
Isopropyl alcohol	Ave	3.470	3.355		193	200	-3.3	30.0
Carbon disulfide	Ave	0.8787	0.9469	0.1000	21.6	20.0	7.8	30.0
3-Chloro-1-propene	Ave	0.1926	0.2357		24.5	20.0	22.4	30.0
Methyl acetate	Ave	13.12	14.17	0.1000	43.2	40.0	8.0	30.0
Cyclopentene	Ave	0.5280	0.5368		20.3	20.0	1.7	30.0
Acetonitrile	Ave	7.678	7.727		201	200	0.6	30.0
Methylene Chloride	Ave	0.3183	0.3433	0.1000	21.6	20.0	7.9	30.0
2-Methyl-2-propanol	Ave	6.924	6.659		192	200	-3.8	30.0
Methyl tert-butyl ether	Ave	0.6716	0.7094	0.1000	21.1	20.0	5.6	30.0
trans-1,2-Dichloroethene	Ave	0.3233	0.3355	0.1000	20.8	20.0	3.8	30.0
Acrylonitrile	Ave	24.90	24.48		197	200	-1.7	30.0
Hexane	Ave	0.0816	0.0816		20.0	20.0	-0.0	30.0
Isopropyl ether	Ave	0.6284	0.5943		18.9	20.0	-5.4	30.0
1,1-Dichloroethane	Ave	0.4528	0.4548	0.2000	20.1	20.0	0.4	30.0
Vinyl acetate	Ave	0.7306	0.8066		44.2	40.0	10.4	30.0
2-Chloro-1,3-butadiene	Ave	0.2573	0.2498		19.4	20.0	-2.9	30.0
Tert-butyl ethyl ether	Ave	0.6220	0.6439		20.7	20.0	3.5	30.0
2,2-Dichloropropane	Ave	0.1190	0.1231		20.7	20.0	3.4	30.0
cis-1,2-Dichloroethene	Ave	0.3484	0.3622	0.1000	20.8	20.0	4.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Lab Sample ID: ICV 460-836508/17 Calibration Date: 03/31/2022 05:47

Instrument ID: CVOAMS11 Calib Start Date: 03/31/2022 00:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/31/2022 02:44

Lab File ID: N47441.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Butanone (MEK)	Ave	0.4293	0.4132	0.0500	96.2	100	-3.8	30.0
Ethyl acetate	Ave	0.3740	0.3720		39.8	40.0	-0.5	30.0
Methyl acrylate	Ave	0.1978	0.1827		18.5	20.0	-7.7	30.0
Propionitrile	Ave	9.697	9.437		195	200	-2.7	30.0
Chlorobromomethane	Ave	0.2024	0.2029		20.1	20.0	0.3	30.0
Tetrahydrofuran	Ave	0.4594	0.4576		39.8	40.0	-0.4	30.0
Methacrylonitrile	Ave	0.1115	0.1124		202	200	0.8	30.0
Chloroform	Ave	0.5065	0.5170	0.2000	20.4	20.0	2.1	30.0
Cyclohexane	Ave	0.2999	0.2820	0.1000	18.8	20.0	-6.0	30.0
1,1,1-Trichloroethane	Ave	0.4245	0.4244	0.1000	20.0	20.0	-0.0	30.0
Carbon tetrachloride	Ave	0.3741	0.3645	0.1000	19.5	20.0	-2.6	30.0
1,1-Dichloropropene	Ave	0.3532	0.3443		19.5	20.0	-2.5	30.0
Isobutyl alcohol	Ave	2.879	2.554		444	500	-11.3	30.0
Isooctane	Ave	0.2394	0.2272		19.0	20.0	-5.1	30.0
Benzene	Ave	1.337	1.323	0.5000	19.8	20.0	-1.0	30.0
Isopropyl acetate	Ave	0.5493	0.5217		19.0	20.0	-5.0	30.0
Tert-amyl methyl ether	Ave	0.7281	0.7461		20.5	20.0	2.5	30.0
1,2-Dichloroethane	Ave	0.3574	0.3493	0.1000	19.5	20.0	-2.3	30.0
n-Heptane	Ave	0.0681	0.0642		18.9	20.0	-5.6	30.0
n-Butanol	QuaF		1.487		404	500	-19.1	30.0
Trichloroethene	Ave	0.2990	0.2899	0.2000	19.4	20.0	-3.0	30.0
Methylcyclohexane	Ave	0.2485	0.2406	0.1000	19.4	20.0	-3.2	30.0
Ethyl acrylate	Ave	0.0407	0.0393		19.3	20.0	-3.4	30.0
1,2-Dichloropropane	Ave	0.2444	0.2349	0.1000	19.2	20.0	-3.9	30.0
Methyl methacrylate	Ave	0.0811	0.0796		39.3	40.0	-1.9	30.0
1,4-Dioxane	Lin2		1.084		330	400	-17.5	30.0
Dibromomethane	Ave	0.1992	0.1952		19.6	20.0	-2.0	30.0
n-Propyl acetate	Ave	0.2949	0.2654		18.0	20.0	-10.0	30.0
Dichlorobromomethane	Ave	0.3680	0.3642	0.2000	19.8	20.0	-1.0	30.0
2-Nitropropane	Ave	15.50	13.83		35.7	40.0	-10.8	30.0
2-Chloroethyl vinyl ether	Ave	0.1144	0.1101		19.2	20.0	-3.8	30.0
Epichlorohydrin	Ave	0.2808	0.3218		22.9	20.0	14.6	30.0
cis-1,3-Dichloropropene	Ave	0.5133	0.5047	0.2000	19.7	20.0	-1.7	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.330	2.358	0.0500	101	100	1.2	30.0
Toluene	Ave	1.428	1.399	0.4000	19.6	20.0	-2.1	30.0
trans-1,3-Dichloropropene	Ave	0.4577	0.4645	0.1000	20.3	20.0	1.5	30.0
Ethyl methacrylate	Lin2		0.2647		17.9	20.0	-10.3	30.0
1,1,2-Trichloroethane	Ave	0.2581	0.2636	0.1000	20.4	20.0	2.1	30.0
Tetrachloroethene	Ave	0.3297	0.3429	0.2000	20.8	20.0	4.0	30.0
1,3-Dichloropropane	Ave	0.4769	0.4842		20.3	20.0	1.5	30.0
2-Hexanone	Lin2		1.012	0.0500	99.2	100	-0.8	30.0
n-Butyl acetate	Ave	0.3424	0.3248		19.0	20.0	-5.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Lab Sample ID: ICV 460-836508/17 Calibration Date: 03/31/2022 05:47

Instrument ID: CVOAMS11 Calib Start Date: 03/31/2022 00:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/31/2022 02:44

Lab File ID: N47441.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorodibromomethane	Ave	0.3721	0.3736	0.1000	20.1	20.0	0.4	30.0
Ethylene Dibromide	Ave	0.3452	0.3561	0.1000	20.6	20.0	3.1	30.0
Chlorobenzene	Ave	0.9917	1.026	0.5000	20.7	20.0	3.5	30.0
Ethylbenzene	Ave	0.4808	0.4899	0.1000	20.4	20.0	1.9	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3910	0.3840		19.6	20.0	-1.8	30.0
m-Xylene & p-Xylene	Ave	0.5690	0.5852	0.1000	20.6	20.0	2.9	30.0
n-Butyl acrylate	Ave	0.2218	0.1995		18.0	20.0	-10.0	30.0
o-Xylene	Ave	0.5956	0.6178	0.3000	20.7	20.0	3.7	30.0
Styrene	Lin2		0.9003	0.3000	18.0	20.0	-10.0	30.0
Amyl acetate (mixed isomers)	Ave	0.7254	0.6285		17.3	20.0	-13.4	30.0
Bromoform	Ave	0.4220	0.4172	0.1000	19.8	20.0	-1.1	30.0
Isopropylbenzene	Ave	1.344	1.330	0.1000	19.8	20.0	-1.0	30.0
Bromobenzene	Ave	0.7549	0.7612		20.2	20.0	0.8	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7792	0.7616	0.3000	19.5	20.0	-2.3	30.0
N-Propylbenzene	Ave	2.405	2.417		20.1	20.0	0.5	30.0
1,2,3-Trichloropropane	Ave	0.2503	0.2529		20.2	20.0	1.1	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1502	0.1350		18.0	20.0	-10.1	30.0
2-Chlorotoluene	Ave	1.938	1.913		19.7	20.0	-1.3	30.0
4-Ethyltoluene	Ave	2.203	2.183		19.8	20.0	-0.9	30.0
1,3,5-Trimethylbenzene	Ave	1.846	1.860		20.2	20.0	0.8	30.0
4-Chlorotoluene	Ave	1.810	1.846		20.4	20.0	2.0	30.0
Butyl Methacrylate	QuaF		0.4616		12.2	20.0	-39.2*	30.0
tert-Butylbenzene	Ave	1.406	1.405		20.0	20.0	-0.0	30.0
1,2,4-Trimethylbenzene	Ave	1.975	2.007		20.3	20.0	1.6	30.0
sec-Butylbenzene	Ave	1.907	1.878		19.7	20.0	-1.5	30.0
1,3-Dichlorobenzene	Ave	1.313	1.315	0.6000	20.0	20.0	0.1	30.0
4-Isopropyltoluene	Ave	1.668	1.714		20.6	20.0	2.8	30.0
1,4-Dichlorobenzene	Ave	1.387	1.419	0.5000	20.5	20.0	2.3	30.0
1,2,3-Trimethylbenzene	Ave	2.340	2.258		19.3	20.0	-3.5	30.0
Benzyl chloride	Ave	0.3440	0.3569		20.8	20.0	3.8	30.0
Indan	Ave	2.449	2.400		19.6	20.0	-2.0	30.0
p-Diethylbenzene	Ave	0.8946	1.006		22.5	20.0	12.4	30.0
n-Butylbenzene	Ave	0.7669	0.7316		19.1	20.0	-4.6	30.0
1,2-Dichlorobenzene	Ave	1.382	1.406	0.4000	20.3	20.0	1.7	30.0
1,2,4,5-Tetramethylbenzene	Ave	1.625	1.526		18.8	20.0	-6.1	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2077	0.1964	0.0500	18.9	20.0	-5.4	30.0
1,3,5-Trichlorobenzene	Ave	0.6748	0.6887		20.4	20.0	2.1	30.0
1,2,4-Trichlorobenzene	Ave	0.6306	0.6354	0.2000	20.2	20.0	0.8	30.0
Hexachlorobutadiene	Ave	0.1677	0.1605		19.1	20.0	-4.3	30.0
Naphthalene	Ave	2.161	2.112		19.5	20.0	-2.3	30.0
1,2,3-Trichlorobenzene	Ave	0.5251	0.5212		19.9	20.0	-0.7	30.0
Dibromofluoromethane (Surr)	Ave	0.2978	0.2947		49.5	50.0	-1.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Lab Sample ID: ICV 460-836508/17 Calibration Date: 03/31/2022 05:47

Instrument ID: CVOAMS11 Calib Start Date: 03/31/2022 00:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/31/2022 02:44

Lab File ID: N47441.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane-d4 (Surr)	Ave	0.2745	0.2613		47.6	50.0	-4.8	30.0
Toluene-d8 (Surr)	Ave	1.243	1.213		48.8	50.0	-2.4	30.0
4-Bromofluorobenzene	Ave	0.3625	0.3537		48.8	50.0	-2.4	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47441.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 31-Mar-2022 05:47:30 ALS Bottle#: 25 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0143422-017
Operator ID: Instrument ID: CVOAMS11
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Mar-2022 18:01:44 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: delpolitov Date: 31-Mar-2022 18:07:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	1.328	1.322	0.006	61	19881	20.0	13.5	
5 Dichlorodifluoromethane	85	1.365	1.353	0.012	99	95347	20.0	21.5	
6 Chlorodifluoromethane	51	1.377	1.371	0.006	96	64467	20.0	18.7	
7 Chloromethane	52	1.468	1.474	-0.006	98	19682	20.0	21.8	
8 Vinyl chloride	62	1.584	1.584	0.000	97	73693	20.0	19.9	
9 Butadiene	54	1.584	1.584	0.000	71	44599	20.0	19.1	
10 Bromomethane	94	1.833	1.833	0.000	99	63611	20.0	22.2	
11 Chloroethane	64	1.912	1.912	0.000	99	40829	20.0	20.8	
12 Dichlorofluoromethane	67	2.089	2.089	0.000	98	116724	20.0	20.1	
13 Trichlorofluoromethane	101	2.089	2.095	-0.006	96	104640	20.0	20.7	
14 Pentane	72	2.119	2.113	0.006	97	14184	40.0	43.8	
15 Ethanol	46	2.278	2.271	0.007	62	8899	800.0	796.2	a
16 Ethyl ether	74	2.302	2.296	0.006	93	38062	20.0	21.5	
17 2-Methyl-1,3-butadiene	53	2.314	2.314	0.000	93	38258	20.0	21.0	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	2.344	2.338	0.006	86	60459	20.0	18.9	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.399	2.399	0.000	90	79270	20.0	18.8	a
20 Acrolein	56	2.460	2.460	0.000	92	8205	40.1	27.8	
21 112TCTFE	101	2.478	2.478	0.000	92	44240	20.0	19.2	
22 1,1-Dichloroethene	96	2.490	2.490	0.000	93	69841	20.0	21.5	
23 Acetone	58	2.570	2.569	0.001	87	27070	100.0	103.5	
24 Iodomethane	142	2.636	2.636	0.000	97	151430	20.0	22.1	
25 Isopropyl alcohol	45	2.649	2.655	-0.006	34	28512	200.0	193.3	
26 Carbon disulfide	76	2.667	2.661	0.006	98	223405	20.0	21.6	
27 3-Chloro-1-propene	76	2.789	2.782	0.007	94	55613	20.0	24.5	a
28 Methyl acetate	74	2.795	2.795	0.000	96	24079	40.0	43.2	
29 Cyclopentene	67	2.807	2.807	0.000	93	126647	20.0	20.3	
30 Acetonitrile	41	2.843	2.849	-0.006	94	65672	200.0	201.3	a
* 31 TBA-d9 (IS)	66	2.892	2.904	-0.012	93	42494	1000.0	1000.0	
32 Methylene Chloride	84	2.910	2.904	0.006	83	80999	20.0	21.6	
33 2-Methyl-2-propanol	59	2.959	2.971	-0.012	98	56594	200.0	192.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Methyl tert-butyl ether	73	3.062	3.062	0.000	95	167359	20.0	21.1	
35 trans-1,2-Dichloroethene	96	3.081	3.080	0.001	88	79159	20.0	20.8	
36 Acrylonitrile	53	3.147	3.153	-0.006	92	208068	200.0	196.6	
37 Hexane	56	3.227	3.227	0.001	87	19254	20.0	20.0	
38 Isopropyl ether	45	3.427	3.433	-0.006	93	140208	20.0	18.9	
39 1,1-Dichloroethane	63	3.458	3.458	0.000	98	107297	20.0	20.1	
40 Vinyl acetate	86	3.470	3.470	0.000	99	29205	40.0	44.2	
41 2-Chloro-1,3-butadiene	88	3.500	3.500	0.000	87	58947	20.0	19.4	
42 Tert-butyl ethyl ether	59	3.738	3.738	0.000	92	151914	20.0	20.7	
* 43 2-Butanone-d5	46	3.920	3.914	0.006	99	226305	250.0	250.0	
44 2,2-Dichloropropane	79	3.938	3.932	0.006	92	29039	20.0	20.7	a
45 cis-1,2-Dichloroethene	96	3.957	3.957	0.000	95	85463	20.0	20.8	
46 2-Butanone (MEK)	72	3.969	3.969	0.000	98	37401	100.0	96.2	
47 Ethyl acetate	70	3.981	3.975	0.006	98	13470	40.0	39.8	
48 Methyl acrylate	55	4.024	4.023	0.001	98	43103	20.0	18.5	
49 Propionitrile	54	4.097	4.096	0.000	98	80207	200.0	194.7	
50 Tetrahydrofuran	72	4.170	4.176	-0.006	73	16569	40.0	39.8	
51 Chlorobromomethane	128	4.170	4.176	-0.006	71	47877	20.0	20.1	
52 Methacrylonitrile	67	4.200	4.194	0.006	88	265121	200.0	201.6	
53 Chloroform	83	4.224	4.224	0.000	99	121986	20.0	20.4	
54 Cyclohexane	84	4.352	4.346	0.006	82	66521	20.0	18.8	
55 1,1,1-Trichloroethane	97	4.364	4.364	0.000	97	100121	20.0	20.0	
$ 56 Dibromofluoromethane (Surr)	113	4.376	4.376	0.000	97	173793	50.0	49.5	
57 Carbon tetrachloride	117	4.480	4.480	0.000	96	86006	20.0	19.5	
58 1,1-Dichloropropene	75	4.510	4.504	0.006	97	81225	20.0	19.5	
59 Isobutyl alcohol	43	4.632	4.632	0.000	96	54269	500.0	443.6	
60 Isooctane	57	4.668	4.668	0.000	90	53605	20.0	19.0	a
61 Benzene	78	4.699	4.699	0.000	95	258337	20.0	19.8	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.711	4.711	0.000	91	154125	50.0	47.6	
64 Isopropyl acetate	43	4.760	4.760	0.000	85	123088	20.0	19.0	
63 Tert-amyl methyl ether	73	4.760	4.766	-0.006	89	176031	20.0	20.5	
65 1,2-Dichloroethane	62	4.790	4.784	0.006	99	82416	20.0	19.5	
66 n-Heptane	57	4.851	4.851	0.000	82	15155	20.0	18.9	
* 67 Fluorobenzene	96	4.979	4.979	0.000	100	589827	50.0	50.0	
68 n-Butanol	56	5.277	5.277	0.000	82	31594	500.0	404.3	
69 Trichloroethene	95	5.319	5.319	0.000	93	68393	20.0	19.4	
71 Methylcyclohexane	83	5.441	5.441	0.000	70	56757	20.0	19.4	
70 Ethyl acrylate	99	5.447	5.447	0.000	97	9273	20.0	19.3	
72 1,2-Dichloropropane	63	5.605	5.599	0.006	91	55427	20.0	19.2	
* 73 1,4-Dioxane-d8	96	5.654	5.654	0.000	75	34823	1000.0	1000.0	
74 Methyl methacrylate	100	5.684	5.684	0.000	78	37545	40.0	39.3	
75 1,4-Dioxane	88	5.709	5.709	0.000	81	15093	400.0	330.1	
76 Dibromomethane	93	5.727	5.727	0.000	95	46044	20.0	19.6	
77 n-Propyl acetate	43	5.739	5.739	0.000	95	62622	20.0	18.0	
78 Dichlorobromomethane	83	5.879	5.879	0.000	98	85926	20.0	19.8	
79 2-Nitropropane	41	6.208	6.214	-0.006	85	23512	40.0	35.7	
80 2-Chloroethyl vinyl ether	63	6.214	6.214	0.000	77	25968	20.0	19.2	
81 Epichlorohydrin	57	6.317	6.311	0.006	91	5826	20.0	22.9	
82 cis-1,3-Dichloropropene	75	6.366	6.366	0.000	88	98528	20.0	19.7	
83 4-Methyl-2-pentanone (MIBK)	43	6.536	6.536	0.000	91	213414	100.0	101.2	
$ 84 Toluene-d8 (Surr)	98	6.609	6.609	0.000	99	591948	50.0	48.8	
85 Toluene	91	6.682	6.682	0.000	93	273039	20.0	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	7.035	7.035	0.000	93	90680	20.0	20.3	
87 Ethyl methacrylate	69	7.065	7.065	0.000	85	62453	20.0	17.9	
88 1,1,2-Trichloroethane	83	7.242	7.242	0.000	95	51453	20.0	20.4	
89 Tetrachloroethene	166	7.278	7.278	0.000	96	66931	20.0	20.8	
90 1,3-Dichloropropane	76	7.449	7.449	0.001	88	94513	20.0	20.3	
91 2-Hexanone	58	7.515	7.515	0.000	92	91573	100.0	99.2	
92 n-Butyl acetate	43	7.637	7.637	0.000	96	63408	20.0	19.0	
93 Chlorodibromomethane	129	7.674	7.674	0.000	97	72932	20.0	20.1	
94 Ethylene Dibromide	107	7.820	7.820	0.000	100	69509	20.0	20.6	
* 95 Chlorobenzene-d5	117	8.361	8.367	-0.006	82	488032	50.0	50.0	
96 Chlorobenzene	112	8.398	8.398	0.000	99	200299	20.0	20.7	
97 Ethylbenzene	106	8.507	8.507	0.000	97	95625	20.0	20.4	
98 1,1,1,2-Tetrachloroethane	131	8.525	8.525	0.000	96	74967	20.0	19.6	
99 m-Xylene & p-Xylene	106	8.665	8.665	0.000	96	114245	20.0	20.6	
100 o-Xylene	106	9.182	9.182	0.000	95	120608	20.0	20.7	
101 n-Butyl acrylate	73	9.182	9.182	0.000	54	38941	20.0	18.0	
102 Styrene	104	9.219	9.219	0.000	98	175756	20.0	18.0	
104 Bromoform	173	9.462	9.462	0.000	95	45803	20.0	19.8	
103 Amyl acetate (mixed isomers)	43	9.462	9.462	0.000	92	68988	20.0	17.3	
105 Isopropylbenzene	105	9.614	9.614	0.000	94	259650	20.0	19.8	
$ 106 4-Bromofluorobenzene	174	9.839	9.839	0.000	94	172604	50.0	48.8	
107 Bromobenzene	156	9.979	9.979	0.000	91	83559	20.0	20.2	
108 1,1,2,2-Tetrachloroethane	83	10.046	10.046	0.000	97	83608	20.0	19.5	
109 N-Propylbenzene	91	10.071	10.071	0.000	100	265318	20.0	20.1	
110 1,2,3-Trichloropropane	110	10.095	10.095	0.000	95	27760	20.0	20.2	
111 trans-1,4-Dichloro-2-butene	53	10.119	10.119	0.000	88	14823	20.0	18.0	
112 2-Chlorotoluene	91	10.180	10.180	0.000	97	209946	20.0	19.7	
113 4-Ethyltoluene	105	10.198	10.198	0.000	98	239596	20.0	19.8	
114 1,3,5-Trimethylbenzene	105	10.271	10.271	0.000	94	204220	20.0	20.2	
115 4-Chlorotoluene	91	10.308	10.308	0.000	94	202589	20.0	20.4	
116 Butyl Methacrylate	87	10.393	10.393	0.000	83	50671	20.0	12.2	
117 tert-Butylbenzene	119	10.582	10.582	0.000	95	154219	20.0	20.0	
118 1,2,4-Trimethylbenzene	105	10.642	10.642	0.000	96	220326	20.0	20.3	
119 sec-Butylbenzene	105	10.795	10.794	0.001	99	206110	20.0	19.7	
120 1,3-Dichlorobenzene	146	10.928	10.928	0.000	98	144325	20.0	20.0	
121 4-Isopropyltoluene	119	10.934	10.934	0.000	98	188121	20.0	20.6	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	93	274435	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.020	11.020	0.000	97	155726	20.0	20.5	
124 1,2,3-Trimethylbenzene	105	11.044	11.044	0.000	97	247860	20.0	19.3	
125 Benzyl chloride	126	11.160	11.159	0.001	100	39182	20.0	20.8	
126 2,3-Dihydroindene	117	11.220	11.220	0.000	94	263428	20.0	19.6	
127 p-Diethylbenzene	119	11.287	11.287	0.000	95	110408	20.0	22.5	
128 n-Butylbenzene	92	11.306	11.305	0.001	97	80313	20.0	19.1	
129 1,2-Dichlorobenzene	146	11.354	11.354	0.000	98	154356	20.0	20.3	
130 1,2,4,5-Tetramethylbenzene	119	11.950	11.956	-0.006	97	167484	20.0	18.8	
131 1,2-Dibromo-3-Chloropropane	157	12.036	12.036	0.000	89	21561	20.0	18.9	
132 1,3,5-Trichlorobenzene	180	12.151	12.151	0.000	98	75604	20.0	20.4	
133 1,2,4-Trichlorobenzene	180	12.650	12.650	0.000	95	69749	20.0	20.2	
134 Hexachlorobutadiene	225	12.735	12.741	-0.006	89	17622	20.0	19.1	
135 Naphthalene	128	12.845	12.845	0.000	99	231825	20.0	19.5	
136 1,2,3-Trichlorobenzene	180	13.021	13.021	0.000	97	57218	20.0	19.9	
S 137 1,2-Dichloroethene, Total	100				0		40.0	41.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	41.3	
S 139 Total BTEX	1				0		100.0	101.1	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260 SP_00152	Amount Added:	20.00	Units: uL	
GAS C SP_00455	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00135	Amount Added:	4.00	Units: uL	
8FreonsSS_00043	Amount Added:	20.00	Units: uL	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00226	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Mar-2022 18:08:06 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47441.D

Injection Date: 31-Mar-2022 05:47:30 Instrument ID: CVOAMS11 Operator ID:

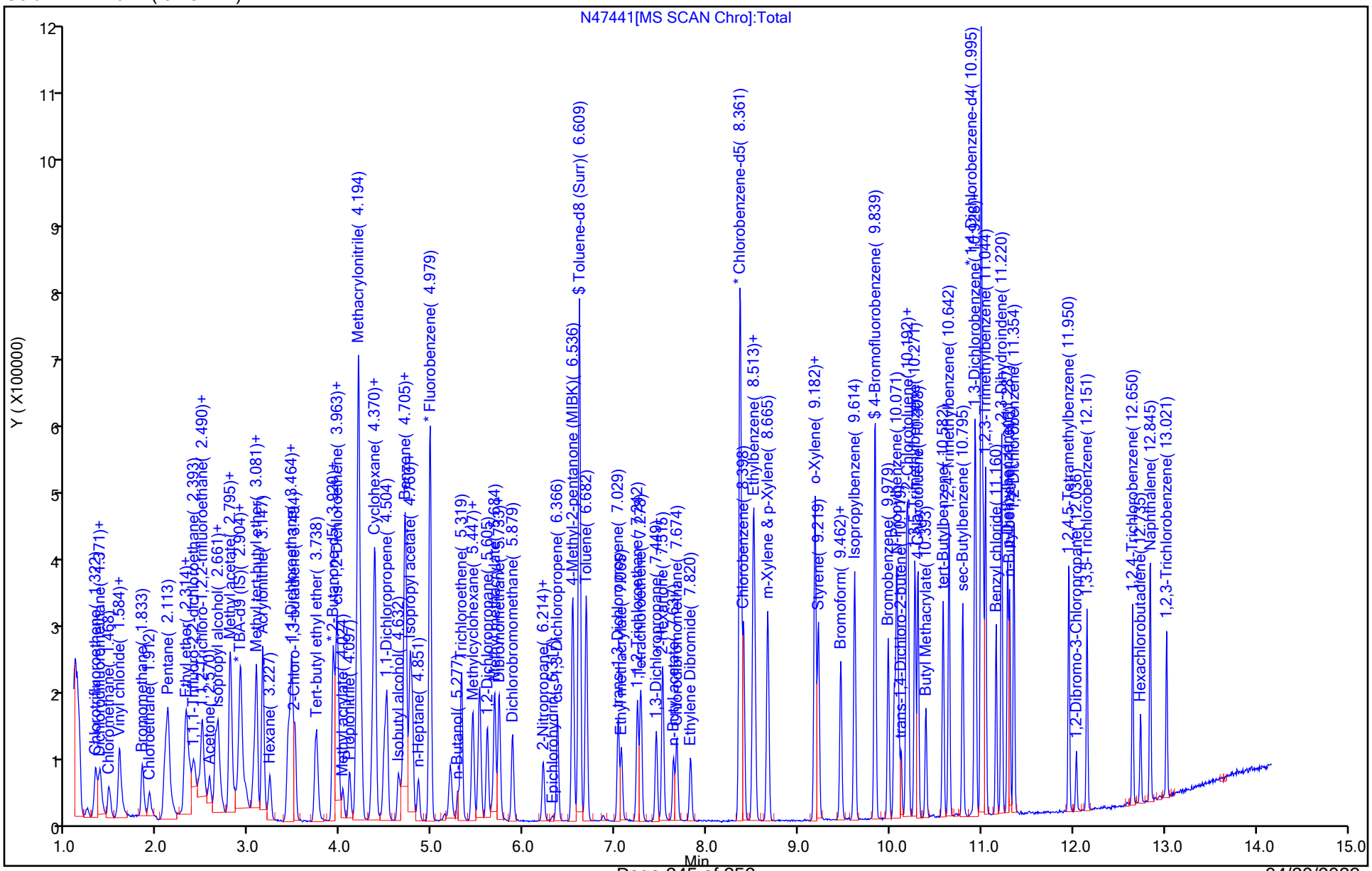
Lims ID: ICV Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 25

Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Lab Sample ID: CCVIS 460-839065/3 Calibration Date: 04/14/2022 07:22

Instrument ID: CVOAMS11 Calib Start Date: 03/31/2022 00:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/31/2022 02:44

Lab File ID: N48061.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.1246	0.1415		22.7	20.0	13.5	20.0
Dichlorodifluoromethane	Ave	0.3765	0.3114	0.1000	16.5	20.0	-17.3	20.0
Chlorodifluoromethane	Ave	0.2930	0.2585		17.6	20.0	-11.8	20.0
Chloromethane	Ave	0.996	0.9519	0.1000	19.1	20.0	-4.4	20.0
Vinyl chloride	Ave	0.3146	0.2752	0.1000	17.5	20.0	-12.5	20.0
Butadiene	Lin2		0.1743		17.7	20.0	-11.7	20.0
Bromomethane	Ave	0.2434	0.2404	0.1000	19.8	20.0	-1.2	50.0
Chloroethane	Ave	0.1662	0.1489	0.1000	17.9	20.0	-10.4	50.0
Trichlorofluoromethane	Ave	0.4278	0.4397	0.1000	20.6	20.0	2.8	20.0
Dichlorofluoromethane	Ave	0.4915	0.4659		19.0	20.0	-5.2	20.0
Pentane	Ave	7.621	9.219		48.4	40.0	21.0*	20.0
Ethanol	Lin2		0.2286		692	800	-13.6	50.0
Ethyl ether	Ave	0.1504	0.1524		20.3	20.0	1.3	20.0
2-Methyl-1,3-butadiene	Ave	0.1543	0.1626		21.1	20.0	5.4	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2711	0.2988		22.0	20.0	10.2	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3571	0.3901		21.9	20.0	9.3	20.0
Acrolein	Ave	6.940	6.133		35.8	40.6	-11.6	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1957	0.2002	0.1000	20.5	20.0	2.3	20.0
1,1-Dichloroethene	Ave	0.2757	0.2953	0.1000	21.4	20.0	7.1	20.0
Acetone	Ave	0.2890	0.3073	0.0500	106	100	6.3	50.0
Iodomethane	Ave	0.5812	0.5979		20.6	20.0	2.9	20.0
Isopropyl alcohol	Ave	3.470	3.023		174	200	-12.9	50.0
Carbon disulfide	Ave	0.8787	0.9321	0.1000	21.2	20.0	6.1	50.0
3-Chloro-1-propene	Ave	0.1926	0.2255		23.4	20.0	17.1	20.0
Methyl acetate	Ave	13.12	13.24	0.1000	40.4	40.0	0.9	20.0
Cyclopentene	Ave	0.5280	0.5520		20.9	20.0	4.5	20.0
Acetonitrile	Ave	7.678	4.786		125	200	-37.7*	20.0
Methylene Chloride	Ave	0.3183	0.3251	0.1000	20.4	20.0	2.1	20.0
2-Methyl-2-propanol	Ave	6.924	6.308		182	200	-8.9	50.0
Methyl tert-butyl ether	Ave	0.6716	0.6232	0.1000	18.6	20.0	-7.2	20.0
trans-1,2-Dichloroethene	Ave	0.3233	0.3324	0.1000	20.6	20.0	2.8	20.0
Acrylonitrile	Ave	24.90	22.31		179	200	-10.4	20.0
Hexane	Ave	0.0816	0.0901		22.1	20.0	10.3	20.0
Isopropyl ether	Ave	0.6284	0.5126		16.3	20.0	-18.4	20.0
1,1-Dichloroethane	Ave	0.4528	0.4395	0.2000	19.4	20.0	-2.9	20.0
Vinyl acetate	Ave	0.7306	0.7924		43.4	40.0	8.4	20.0
2-Chloro-1,3-butadiene	Ave	0.2573	0.2590		20.1	20.0	0.6	20.0
Tert-butyl ethyl ether	Ave	0.6220	0.5553		17.9	20.0	-10.7	20.0
2,2-Dichloropropane	Ave	0.1190	0.1175		19.7	20.0	-1.3	20.0
cis-1,2-Dichloroethene	Ave	0.3484	0.3639	0.1000	20.9	20.0	4.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Lab Sample ID: CCVIS 460-839065/3 Calibration Date: 04/14/2022 07:22

Instrument ID: CVOAMS11 Calib Start Date: 03/31/2022 00:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/31/2022 02:44

Lab File ID: N48061.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl acetate	Ave	0.3740	0.4019		43.0	40.0	7.5	20.0
2-Butanone (MEK)	Ave	0.4293	0.4267	0.0500	99.4	100	-0.6	50.0
Methyl acrylate	Ave	0.1978	0.1645		16.6	20.0	-16.8	20.0
Propionitrile	Ave	9.697	8.392		173	200	-13.5	20.0
Tetrahydrofuran	Ave	0.4594	0.4537		39.5	40.0	-1.2	20.0
Chlorobromomethane	Ave	0.2024	0.1997		19.7	20.0	-1.3	20.0
Methacrylonitrile	Ave	0.1115	0.1006		180	200	-9.8	20.0
Chloroform	Ave	0.5065	0.5094	0.2000	20.1	20.0	0.6	20.0
1,1,1-Trichloroethane	Ave	0.4245	0.4343	0.1000	20.5	20.0	2.3	20.0
Cyclohexane	Ave	0.2999	0.3241	0.1000	21.6	20.0	8.1	50.0
Carbon tetrachloride	Ave	0.3741	0.3889	0.1000	20.8	20.0	3.9	20.0
1,1-Dichloropropene	Ave	0.3532	0.3462		19.6	20.0	-2.0	20.0
Isobutyl alcohol	Ave	2.879	2.287		397	500	-20.6	50.0
Isooctane	Ave	0.2394	0.2789		23.3	20.0	16.5	20.0
Benzene	Ave	1.337	1.212	0.5000	18.1	20.0	-9.3	20.0
Isopropyl acetate	Ave	0.5493	0.4447		16.2	20.0	-19.0	20.0
Tert-amyl methyl ether	Ave	0.7281	0.7013		19.3	20.0	-3.7	20.0
1,2-Dichloroethane	Ave	0.3574	0.3325	0.1000	18.6	20.0	-7.0	20.0
n-Heptane	Ave	0.0681	0.0753		22.1	20.0	10.7	20.0
n-Butanol	QuaF		1.168		318	500	-36.5	50.0
Trichloroethene	Ave	0.2990	0.2990	0.2000	20.0	20.0	0.0	20.0
Methylcyclohexane	Ave	0.2485	0.2932	0.1000	23.6	20.0	18.0	50.0
Ethyl acrylate	Ave	0.0407	0.0400		19.6	20.0	-1.8	20.0
1,2-Dichloropropane	Ave	0.2444	0.2200	0.1000	18.0	20.0	-10.0	20.0
Methyl methacrylate	Ave	0.0811	0.0748		36.9	40.0	-7.8	20.0
1,4-Dioxane	Lin2		1.044		317	400	-20.7	50.0
Dibromomethane	Ave	0.1992	0.1948		19.6	20.0	-2.2	20.0
n-Propyl acetate	Ave	0.2949	0.2121		14.4	20.0	-28.1*	20.0
Dichlorobromomethane	Ave	0.3680	0.3577	0.2000	19.4	20.0	-2.8	20.0
2-Nitropropane	Ave	15.50	12.18		31.4	40.0	-21.5*	20.0
2-Chloroethyl vinyl ether	Ave	0.1144	0.0969		17.0	20.0	-15.3	20.0
Epichlorohydrin	Ave	0.2808	0.2883		411	400	2.7	20.0
cis-1,3-Dichloropropene	Ave	0.5133	0.4593	0.2000	17.9	20.0	-10.5	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.330	2.269	0.0500	97.4	100	-2.6	50.0
Toluene	Ave	1.428	1.306	0.4000	18.3	20.0	-8.5	20.0
trans-1,3-Dichloropropene	Ave	0.4577	0.4047	0.1000	17.7	20.0	-11.6	50.0
Ethyl methacrylate	Lin2		0.2510		17.0	20.0	-14.8	20.0
1,1,2-Trichloroethane	Ave	0.2581	0.2367	0.1000	18.3	20.0	-8.3	20.0
Tetrachloroethene	Ave	0.3297	0.2962	0.2000	18.0	20.0	-10.2	20.0
1,3-Dichloropropane	Ave	0.4769	0.4319		18.1	20.0	-9.4	20.0
2-Hexanone	Lin2		1.013	0.0500	99.3	100	-0.7	50.0
n-Butyl acetate	Ave	0.3424	0.2648		15.5	20.0	-22.6*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Lab Sample ID: CCVIS 460-839065/3 Calibration Date: 04/14/2022 07:22

Instrument ID: CVOAMS11 Calib Start Date: 03/31/2022 00:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/31/2022 02:44

Lab File ID: N48061.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorodibromomethane	Ave	0.3721	0.3334	0.1000	17.9	20.0	-10.4	50.0
Ethylene Dibromide	Ave	0.3452	0.3265	0.1000	18.9	20.0	-5.4	20.0
Chlorobenzene	Ave	0.9917	0.9247	0.5000	18.6	20.0	-6.8	20.0
Ethylbenzene	Ave	0.4808	0.4603	0.1000	19.1	20.0	-4.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3910	0.3590		18.4	20.0	-8.2	20.0
m-Xylene & p-Xylene	Ave	0.5690	0.5486	0.1000	19.3	20.0	-3.6	20.0
n-Butyl acrylate	Ave	0.2218	0.1637		14.8	20.0	-26.2*	20.0
o-Xylene	Ave	0.5956	0.5592	0.3000	18.8	20.0	-6.1	20.0
Styrene	Lin2		0.8466	0.3000	17.0	20.0	-15.2	20.0
Bromoform	Ave	0.4220	0.3622	0.1000	17.2	20.0	-14.2	20.0
Amyl acetate (mixed isomers)	Ave	0.7254	0.5361		14.8	20.0	-26.1*	20.0
Isopropylbenzene	Ave	1.344	1.287	0.1000	19.2	20.0	-4.2	20.0
Bromobenzene	Ave	0.7549	0.6875		18.2	20.0	-8.9	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7792	0.6865	0.3000	17.6	20.0	-11.9	20.0
N-Propylbenzene	Ave	2.405	2.372		19.7	20.0	-1.4	20.0
1,2,3-Trichloropropane	Ave	0.2503	0.2493		19.9	20.0	-0.4	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1502	0.1165		15.5	20.0	-22.5*	20.0
2-Chlorotoluene	Ave	1.938	1.879		19.4	20.0	-3.0	20.0
4-Ethyltoluene	Ave	2.203	2.150		19.5	20.0	-2.4	20.0
1,3,5-Trimethylbenzene	Ave	1.846	1.837		19.9	20.0	-0.5	20.0
4-Chlorotoluene	Ave	1.810	1.772		19.6	20.0	-2.1	20.0
Butyl Methacrylate	QuaF		0.4352		11.5	20.0	-42.6*	20.0
tert-Butylbenzene	Ave	1.406	1.374		19.5	20.0	-2.3	20.0
1,2,4-Trimethylbenzene	Ave	1.975	1.933		19.6	20.0	-2.2	20.0
sec-Butylbenzene	Ave	1.907	1.911		20.0	20.0	0.2	20.0
1,3-Dichlorobenzene	Ave	1.313	1.227	0.6000	18.7	20.0	-6.6	20.0
4-Isopropyltoluene	Ave	1.668	1.665		20.0	20.0	-0.2	20.0
1,4-Dichlorobenzene	Ave	1.387	1.276	0.5000	18.4	20.0	-8.0	20.0
1,2,3-Trimethylbenzene	Ave	2.340	2.216		18.9	20.0	-5.3	20.0
Benzyl chloride	Ave	0.3440	0.3181		18.5	20.0	-7.5	50.0
Indan	Ave	2.449	2.350		19.2	20.0	-4.1	20.0
p-Diethylbenzene	Ave	0.8946	0.8770		19.6	20.0	-2.0	20.0
n-Butylbenzene	Ave	0.7669	0.7854		20.5	20.0	2.4	20.0
1,2-Dichlorobenzene	Ave	1.382	1.291	0.4000	18.7	20.0	-6.6	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.625	1.556		19.2	20.0	-4.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2077	0.1662	0.0500	16.0	20.0	-20.0	50.0
1,3,5-Trichlorobenzene	Ave	0.6748	0.6348		18.8	20.0	-5.9	20.0
1,2,4-Trichlorobenzene	Ave	0.6306	0.5718	0.2000	18.1	20.0	-9.3	20.0
Hexachlorobutadiene	Ave	0.1677	0.1579		18.8	20.0	-5.9	20.0
Naphthalene	Ave	2.161	1.966		18.2	20.0	-9.0	50.0
1,2,3-Trichlorobenzene	Ave	0.5251	0.4685		17.8	20.0	-10.8	20.0
Dibromofluoromethane (Surr)	Ave	0.2978	0.2987		50.1	50.0	0.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Lab Sample ID: CCVIS 460-839065/3 Calibration Date: 04/14/2022 07:22

Instrument ID: CVOAMS11 Calib Start Date: 03/31/2022 00:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/31/2022 02:44

Lab File ID: N48061.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane-d4 (Surr)	Ave	0.2745	0.2649		48.2	50.0	-3.5	20.0
Toluene-d8 (Surr)	Ave	1.243	1.191		47.9	50.0	-4.2	20.0
4-Bromofluorobenzene	Ave	0.3625	0.3311		45.7	50.0	-8.6	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220414-144005.b\N48061.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 14-Apr-2022 07:22:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0144005-003
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220414-144005.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2022 08:23:07 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1618

First Level Reviewer: moroneyc Date: 14-Apr-2022 08:23:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	1.316	1.316	0.000	43	34849	20.0	22.7	
5 Dichlorodifluoromethane	85	1.347	1.347	0.000	0	76674	20.0	16.5	
6 Chlorodifluoromethane	51	1.365	1.365	0.000	0	63648	20.0	17.6	
7 Chloromethane	52	1.462	1.462	0.000	0	16017	20.0	19.1	
8 Vinyl chloride	62	1.572	1.572	0.000	0	67772	20.0	17.5	
9 Butadiene	54	1.578	1.578	0.000	0	42934	20.0	17.7	
10 Bromomethane	94	1.821	1.821	0.000	0	59208	20.0	19.8	
11 Chloroethane	64	1.906	1.906	0.000	0	36659	20.0	17.9	
13 Trichlorofluoromethane	101	2.083	2.083	0.000	0	108268	20.0	20.6	
12 Dichlorofluoromethane	67	2.089	2.089	0.000	0	114726	20.0	19.0	
14 Pentane	72	2.113	2.113	0.000	0	15594	40.0	48.4	
15 Ethanol	46	2.271	2.271	0.000	54	7734	800.0	691.6	a
16 Ethyl ether	74	2.290	2.290	0.000	0	37525	20.0	20.3	
17 2-Methyl-1,3-butadiene	53	2.308	2.308	0.000	0	40050	20.0	21.1	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	2.338	2.338	0.000	0	73582	20.0	22.0	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.393	2.393	0.000	94	96076	20.0	21.9	a
20 Acrolein	56	2.454	2.454	0.000	0	10520	40.6	35.8	
21 112TCTFE	101	2.466	2.466	0.000	0	49305	20.0	20.5	
22 1,1-Dichloroethene	96	2.484	2.484	0.000	0	72731	20.0	21.4	
23 Acetone	58	2.563	2.563	0.000	0	25854	100.0	106.3	
24 Iodomethane	142	2.624	2.624	0.000	0	147234	20.0	20.6	
25 Isopropyl alcohol	45	2.649	2.649	0.000	0	25568	200.0	174.2	
26 Carbon disulfide	76	2.661	2.661	0.000	0	229523	20.0	21.2	
27 3-Chloro-1-propene	76	2.776	2.776	0.000	0	55526	20.0	23.4	
28 Methyl acetate	74	2.782	2.782	0.000	0	22402	40.0	40.4	
29 Cyclopentene	67	2.801	2.801	0.000	0	135934	20.0	20.9	
30 Acetonitrile	41	2.837	2.837	0.000	94	40481	200.0	124.7	a
* 31 TBA-d9 (IS)	66	2.898	2.898	0.000	0	42288	1000.0	1000.0	
32 Methylene Chloride	84	2.898	2.898	0.000	0	80047	20.0	20.4	
33 2-Methyl-2-propanol	59	2.959	2.959	0.000	97	53352	200.0	182.2	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Methyl tert-butyl ether	73	3.056	3.056	0.000	0	153464	20.0	18.6	
35 trans-1,2-Dichloroethene	96	3.074	3.074	0.000	0	81854	20.0	20.6	
36 Acrylonitrile	53	3.141	3.141	0.000	0	188662	200.0	179.1	
37 Hexane	56	3.220	3.220	0.000	0	22179	20.0	22.1	
38 Isopropyl ether	45	3.427	3.427	0.000	0	126240	20.0	16.3	
39 1,1-Dichloroethane	63	3.458	3.458	0.000	0	108231	20.0	19.4	
40 Vinyl acetate	86	3.464	3.464	0.000	0	26665	40.0	43.4	
41 2-Chloro-1,3-butadiene	88	3.494	3.494	0.000	0	63771	20.0	20.1	
42 Tert-butyl ethyl ether	59	3.725	3.725	0.000	0	136752	20.0	17.9	
* 43 2-Butanone-d5	46	3.914	3.914	0.000	0	210331	250.0	250.0	
44 2,2-Dichloropropane	79	3.926	3.926	0.000	0	28929	20.0	19.7	
45 cis-1,2-Dichloroethene	96	3.951	3.951	0.000	0	89620	20.0	20.9	
47 Ethyl acetate	70	3.963	3.963	0.000	0	13526	40.0	43.0	
46 2-Butanone (MEK)	72	3.969	3.969	0.000	0	35896	100.0	99.4	
48 Methyl acrylate	55	4.024	4.024	0.000	0	40515	20.0	16.6	
49 Propionitrile	54	4.090	4.090	0.000	0	70974	200.0	173.1	
50 Tetrahydrofuran	72	4.163	4.163	0.000	0	15267	40.0	39.5	
51 Chlorobromomethane	128	4.170	4.170	0.000	0	49186	20.0	19.7	
52 Methacrylonitrile	67	4.194	4.194	0.000	0	247658	200.0	180.4	
53 Chloroform	83	4.218	4.218	0.000	0	125451	20.0	20.1	
55 1,1,1-Trichloroethane	97	4.352	4.352	0.000	0	106937	20.0	20.5	
54 Cyclohexane	84	4.352	4.352	0.000	0	79809	20.0	21.6	
$ 56 Dibromofluoromethane (Surr)	113	4.370	4.370	0.000	0	183870	50.0	50.1	
57 Carbon tetrachloride	117	4.468	4.468	0.000	0	95757	20.0	20.8	
58 1,1-Dichloropropene	75	4.498	4.498	0.000	0	85250	20.0	19.6	
59 Isobutyl alcohol	43	4.626	4.626	0.000	0	48356	500.0	397.2	
60 Isooctane	57	4.668	4.668	0.000	94	68669	20.0	23.3	a
61 Benzene	78	4.693	4.693	0.000	0	260096	20.0	18.1	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.711	4.711	0.000	0	163056	50.0	48.2	
64 Isopropyl acetate	43	4.754	4.754	0.000	0	109518	20.0	16.2	
63 Tert-amyl methyl ether	73	4.766	4.766	0.000	0	172691	20.0	19.3	
65 1,2-Dichloroethane	62	4.784	4.784	0.000	0	81869	20.0	18.6	
66 n-Heptane	57	4.845	4.845	0.000	0	18555	20.0	22.1	
* 67 Fluorobenzene	96	4.973	4.973	0.000	0	615639	50.0	50.0	
68 n-Butanol	56	5.277	5.277	0.000	0	24700	500.0	317.6	
69 Trichloroethene	95	5.313	5.313	0.000	0	73633	20.0	20.0	
71 Methylcyclohexane	83	5.441	5.441	0.000	0	72200	20.0	23.6	
70 Ethyl acrylate	99	5.447	5.447	0.000	0	9839	20.0	19.6	
72 1,2-Dichloropropane	63	5.599	5.599	0.000	0	54165	20.0	18.0	
* 73 1,4-Dioxane-d8	96	5.648	5.648	0.000	0	38091	1000.0	1000.0	
74 Methyl methacrylate	100	5.678	5.678	0.000	0	36819	40.0	36.9	
75 1,4-Dioxane	88	5.709	5.709	0.000	0	15907	400.0	317.3	
76 Dibromomethane	93	5.727	5.727	0.000	0	47977	20.0	19.6	
77 n-Propyl acetate	43	5.739	5.739	0.000	0	52223	20.0	14.4	
78 Dichlorobromomethane	83	5.873	5.873	0.000	0	88085	20.0	19.4	
79 2-Nitropropane	41	6.201	6.201	0.000	0	20596	40.0	31.4	
80 2-Chloroethyl vinyl ether	63	6.214	6.214	0.000	0	23916	20.0	17.0	
81 Epichlorohydrin	57	6.311	6.311	0.000	0	97019	400.0	410.6	
82 cis-1,3-Dichloropropene	75	6.366	6.366	0.000	0	98560	20.0	17.9	
83 4-Methyl-2-pentanone (MIBK)	43	6.530	6.530	0.000	0	190921	100.0	97.4	
$ 84 Toluene-d8 (Surr)	98	6.603	6.603	0.000	0	638701	50.0	47.9	
85 Toluene	91	6.682	6.682	0.000	0	280339	20.0	18.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	7.029	7.029	0.000	0	86843	20.0	17.7	
87 Ethyl methacrylate	69	7.065	7.065	0.000	0	61806	20.0	17.0	
88 1,1,2-Trichloroethane	83	7.242	7.242	0.000	0	50802	20.0	18.3	
89 Tetrachloroethene	166	7.272	7.272	0.000	0	63562	20.0	18.0	
90 1,3-Dichloropropane	76	7.442	7.442	0.000	0	92692	20.0	18.1	
91 2-Hexanone	58	7.515	7.515	0.000	0	85198	100.0	99.3	
92 n-Butyl acetate	43	7.637	7.637	0.000	0	56834	20.0	15.5	
93 Chlorodibromomethane	129	7.674	7.674	0.000	0	71536	20.0	17.9	
94 Ethylene Dibromide	107	7.820	7.820	0.000	0	70073	20.0	18.9	
* 95 Chlorobenzene-d5	117	8.361	8.361	0.000	0	536476	50.0	50.0	
96 Chlorobenzene	112	8.398	8.398	0.000	0	198438	20.0	18.6	
97 Ethylbenzene	106	8.507	8.507	0.000	0	98768	20.0	19.1	
98 1,1,1,2-Tetrachloroethane	131	8.519	8.519	0.000	0	77048	20.0	18.4	
99 m-Xylene & p-Xylene	106	8.659	8.659	0.000	0	117725	20.0	19.3	
100 o-Xylene	106	9.182	9.182	0.000	0	119996	20.0	18.8	
101 n-Butyl acrylate	73	9.182	9.182	0.000	0	35126	20.0	14.8	
102 Styrene	104	9.219	9.219	0.000	0	181670	20.0	17.0	
104 Bromoform	173	9.456	9.456	0.000	0	42936	20.0	17.2	
103 Amyl acetate (mixed isomers)	43	9.462	9.462	0.000	0	63551	20.0	14.8	
105 Isopropylbenzene	105	9.614	9.614	0.000	0	276159	20.0	19.2	
$ 106 4-Bromofluorobenzene	174	9.833	9.833	0.000	0	177650	50.0	45.7	
107 Bromobenzene	156	9.979	9.979	0.000	0	81492	20.0	18.2	
108 1,1,2,2-Tetrachloroethane	83	10.046	10.046	0.000	0	81379	20.0	17.6	
109 N-Propylbenzene	91	10.071	10.071	0.000	0	281153	20.0	19.7	
110 1,2,3-Trichloropropane	110	10.089	10.089	0.000	0	29556	20.0	19.9	
111 trans-1,4-Dichloro-2-butene	53	10.119	10.119	0.000	91	13806	20.0	15.5	a
112 2-Chlorotoluene	91	10.180	10.180	0.000	0	222782	20.0	19.4	
113 4-Ethyltoluene	105	10.198	10.198	0.000	0	254859	20.0	19.5	
114 1,3,5-Trimethylbenzene	105	10.271	10.271	0.000	0	217719	20.0	19.9	
115 4-Chlorotoluene	91	10.302	10.302	0.000	0	210053	20.0	19.6	
116 Butyl Methacrylate	87	10.393	10.393	0.000	0	51587	20.0	11.5	
117 tert-Butylbenzene	119	10.576	10.576	0.000	0	162870	20.0	19.5	
118 1,2,4-Trimethylbenzene	105	10.642	10.642	0.000	0	229081	20.0	19.6	
119 sec-Butylbenzene	105	10.795	10.795	0.000	0	226578	20.0	20.0	
120 1,3-Dichlorobenzene	146	10.922	10.922	0.000	0	145480	20.0	18.7	
121 4-Isopropyltoluene	119	10.934	10.934	0.000	0	197334	20.0	20.0	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	0	296353	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.014	11.014	0.000	0	151231	20.0	18.4	
124 1,2,3-Trimethylbenzene	105	11.044	11.044	0.000	0	262647	20.0	18.9	
125 Benzyl chloride	126	11.160	11.160	0.000	0	37709	20.0	18.5	
126 2,3-Dihydroindene	117	11.220	11.220	0.000	0	278595	20.0	19.2	
127 p-Diethylbenzene	119	11.281	11.281	0.000	0	103956	20.0	19.6	
128 n-Butylbenzene	92	11.306	11.306	0.000	0	93106	20.0	20.5	
129 1,2-Dichlorobenzene	146	11.354	11.354	0.000	0	153080	20.0	18.7	
130 1,2,4,5-Tetramethylbenzene	119	11.950	11.950	0.000	0	184487	20.0	19.2	
131 1,2-Dibromo-3-Chloropropane	157	12.036	12.036	0.000	0	19701	20.0	16.0	
132 1,3,5-Trichlorobenzene	180	12.151	12.151	0.000	0	75251	20.0	18.8	
133 1,2,4-Trichlorobenzene	180	12.650	12.650	0.000	0	67783	20.0	18.1	
134 Hexachlorobutadiene	225	12.735	12.735	0.000	0	18715	20.0	18.8	
135 Naphthalene	128	12.839	12.839	0.000	0	233107	20.0	18.2	
136 1,2,3-Trichlorobenzene	180	13.021	13.021	0.000	0	55533	20.0	17.8	
S 137 1,2-Dichloroethene, Total	100				0		40.0	41.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	38.1	
S 139 Total BTEX	1				0		100.0	93.6	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00471	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00152	Amount Added:	20.00	Units: uL	
524freon_00050	Amount Added:	20.00	Units: uL	
ACROLEIN W_00138	Amount Added:	4.00	Units: uL	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00226	Amount Added:	1.00	Units: uL	Run Reagent

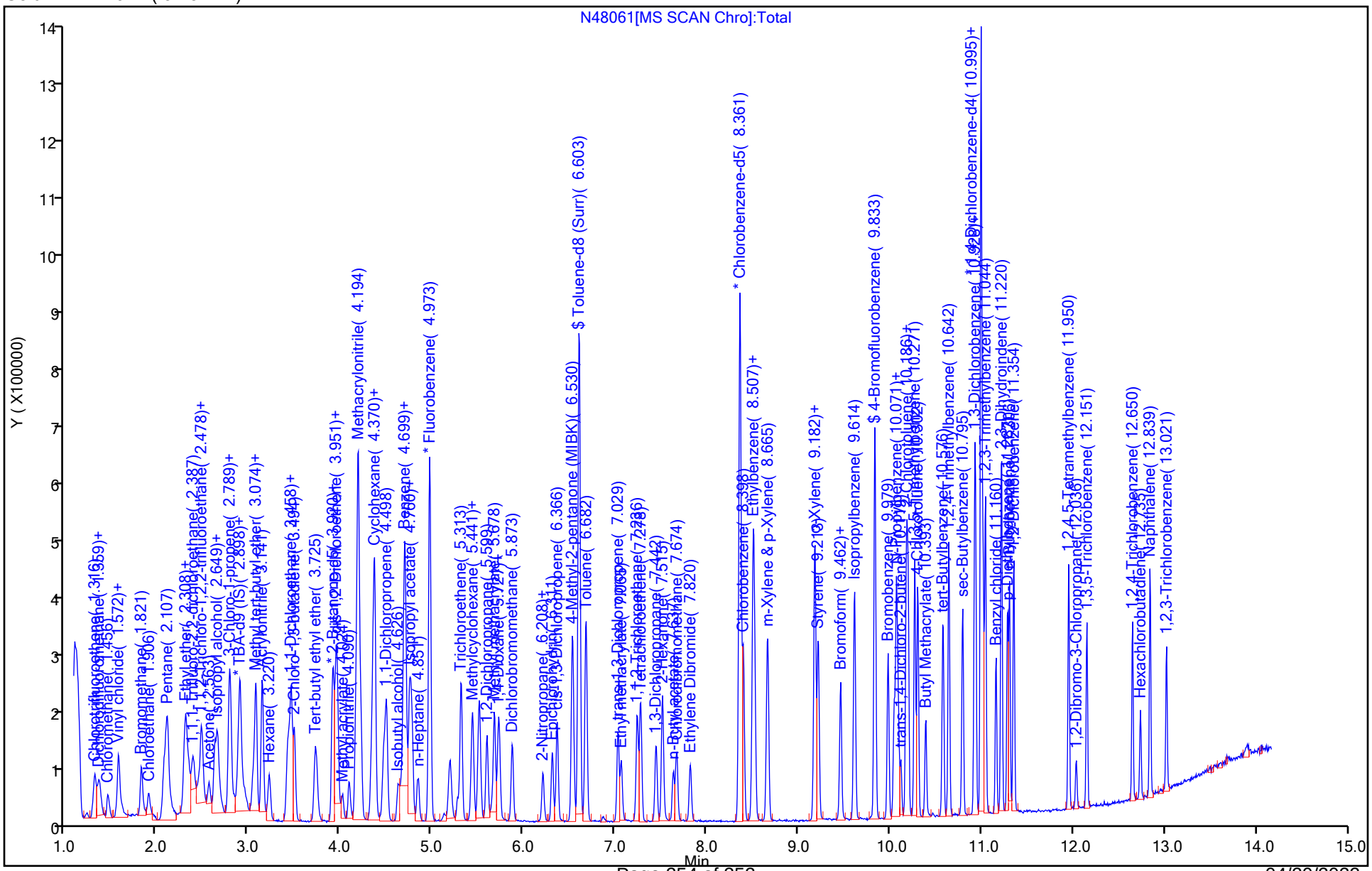
Report Date: 14-Apr-2022 08:23:08 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220414-144005.b\N48061.D

Injection Date:	14-Apr-2022 07:22:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Lab Sample ID: ICV 460-837357/18 Calibration Date: 04/05/2022 12:47

Instrument ID: CVOAMS2 Calib Start Date: 04/05/2022 07:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/05/2022 12:25

Lab File ID: B85249.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Lin2		0.0149		11.3	20.0	-43.7*	30.0
1,1-Difluoroethane	Ave	0.7039	0.6593		18.7	20.0	-6.3	30.0
Chlorodifluoromethane	Lin2		0.0548		17.2	20.0	-14.2	30.0
Dichlorodifluoromethane	Ave	0.4530	0.4359	0.1000	19.2	20.0	-3.8	30.0
Chloromethane	Ave	0.6384	0.6394	0.1000	20.0	20.0	0.2	30.0
Vinyl chloride	Ave	0.4315	0.4545	0.1000	21.1	20.0	5.3	30.0
Butadiene	Ave	0.3982	0.3960		19.9	20.0	-0.6	30.0
Bromomethane	Ave	0.2375	0.2509	0.1000	21.1	20.0	5.7	30.0
Chloroethane	Ave	0.2241	0.2233	0.1000	19.9	20.0	-0.3	30.0
Dichlorofluoromethane	Ave	0.5564	0.5735		20.6	20.0	3.1	30.0
Pentane	Ave	0.0463	0.0578		49.9	40.0	24.6	30.0
Trichlorofluoromethane	Ave	0.4164	0.4462	0.1000	21.4	20.0	7.2	30.0
Ethanol	Ave	0.0343	0.0247		576	800	-28.0	30.0
Ethyl ether	Ave	0.1980	0.2137		21.6	20.0	7.9	30.0
2-Methyl-1,3-butadiene	Ave	0.2512	0.3047		24.3	20.0	21.3	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2323	0.2191		18.9	20.0	-5.7	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3936	0.4010		20.4	20.0	1.9	30.0
Acrolein	Ave	0.6981	0.5019		216	300	-28.1	30.0
1,1-Dichloroethene	Ave	0.2221	0.2533	0.1000	22.8	20.0	14.0	30.0
Acetone	Ave	0.6702	0.5966	0.0500	89.0	100	-11.0	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2606	0.2941	0.1000	22.6	20.0	12.9	30.0
Iodomethane	Ave	0.3992	0.4331		21.7	20.0	8.5	30.0
Carbon disulfide	Ave	0.9383	1.057	0.1000	22.5	20.0	12.7	30.0
Isopropyl alcohol	Ave	0.7333	0.5392		147	200	-26.5	30.0
3-Chloro-1-propene	Ave	0.4051	0.4362		21.5	20.0	7.7	30.0
Methyl acetate	Ave	0.1952	0.2195	0.1000	45.0	40.0	12.5	30.0
Acetonitrile	Ave	0.5741	0.6443		224	200	12.2	30.0
Methylene Chloride	Ave	0.2878	0.2946	0.1000	20.5	20.0	2.4	30.0
2-Methyl-2-propanol	Ave	0.9889	0.9829		199	200	-0.6	30.0
Acrylonitrile	Ave	2.617	2.679		205	200	2.4	30.0
trans-1,2-Dichloroethene	Ave	0.2575	0.2741	0.1000	21.3	20.0	6.5	30.0
Methyl tert-butyl ether	Ave	0.7177	0.7507	0.1000	20.9	20.0	4.6	30.0
Hexane	Ave	0.4281	0.4850		22.7	20.0	13.3	30.0
1,1-Dichloroethane	Ave	0.5412	0.5535	0.2000	20.5	20.0	2.3	30.0
Vinyl acetate	Ave	0.2606	0.2219		34.1	40.0	-14.9	30.0
2-Chloro-1,3-butadiene	Ave	0.2373	0.2367		20.0	20.0	-0.2	30.0
Isopropyl ether	Ave	1.018	1.006		19.8	20.0	-1.2	30.0
Tert-butyl ethyl ether	Ave	0.2898	0.2827		19.5	20.0	-2.4	30.0
cis-1,2-Dichloroethene	Ave	0.2634	0.2849	0.1000	21.6	20.0	8.2	30.0
2,2-Dichloropropane	Ave	0.1414	0.1379		19.5	20.0	-2.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Lab Sample ID: ICV 460-837357/18 Calibration Date: 04/05/2022 12:47

Instrument ID: CVOAMS2 Calib Start Date: 04/05/2022 07:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/05/2022 12:25

Lab File ID: B85249.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Butanone (MEK)	Ave	0.2083	0.2046	0.0500	98.2	100	-1.8	30.0
Propionitrile	Ave	0.2680	0.2729		204	200	1.8	30.0
Ethyl acetate	Ave	0.1686	0.1683		39.9	40.0	-0.2	30.0
Methyl acrylate	Ave	0.2509	0.2579		20.6	20.0	2.8	30.0
Chlorobromomethane	Ave	0.1222	0.1195		19.5	20.0	-2.3	30.0
Methacrylonitrile	Ave	0.0905	0.0931		206	200	2.9	30.0
Tetrahydrofuran	Ave	0.2190	0.2369		43.3	40.0	8.2	30.0
Chloroform	Ave	0.4498	0.4640	0.2000	20.6	20.0	3.2	30.0
1,1,1-Trichloroethane	Ave	0.3955	0.4209	0.1000	21.3	20.0	6.4	30.0
Cyclohexane	Ave	0.3957	0.4367	0.1000	22.1	20.0	10.4	30.0
1,1-Dichloropropene	Ave	0.3388	0.3536		20.9	20.0	4.4	30.0
Carbon tetrachloride	Ave	0.3309	0.3436	0.1000	20.8	20.0	3.8	30.0
Benzene	Ave	1.535	1.579	0.5000	20.6	20.0	2.9	30.0
1,2-Dichloroethane	Ave	0.3289	0.3261	0.1000	19.8	20.0	-0.8	30.0
Isobutyl alcohol	QuaF		0.1319		288	500	-42.4*	30.0
Tert-amyl methyl ether	Ave	0.7942	0.7763		19.5	20.0	-2.3	30.0
Isopropyl acetate	Ave	0.9483	0.8778		18.5	20.0	-7.4	30.0
n-Heptane	Ave	0.5187	0.5727		22.1	20.0	10.4	30.0
Trichloroethene	Ave	0.2312	0.2400	0.2000	20.8	20.0	3.8	30.0
n-Butanol	QuaF		0.0359		227	500	-54.6*	30.0
Methylcyclohexane	Ave	0.4532	0.4784	0.1000	21.1	20.0	5.6	30.0
Ethyl acrylate	Ave	0.6728	0.6969		20.7	20.0	3.6	30.0
1,2-Dichloropropane	Ave	0.2616	0.2723	0.1000	20.8	20.0	4.1	30.0
Dibromomethane	Ave	0.1315	0.1329		20.2	20.0	1.1	30.0
1,4-Dioxane	Lin2		0.9851		389	400	-2.9	30.0
Methyl methacrylate	Ave	0.0451	0.0445		39.4	40.0	-1.4	30.0
Dichlorobromomethane	Ave	0.2988	0.2999	0.2000	20.1	20.0	0.4	30.0
n-Propyl acetate	Ave	0.2950	0.2938		19.9	20.0	-0.4	30.0
2-Nitropropane	QuaF		0.0516		39.7	40.0	-0.7	30.0
2-Chloroethyl vinyl ether	Qua2		0.0482		15.8	20.0	-21.1	30.0
Epichlorohydrin	Ave	0.1490	0.1816		24.4	20.0	21.9	30.0
cis-1,3-Dichloropropene	Ave	0.5247	0.5096	0.2000	19.4	20.0	-2.9	30.0
4-Methyl-2-pentanone (MIBK)	Ave	1.753	1.661	0.0500	94.8	100	-5.2	30.0
Toluene	Ave	1.490	1.498	0.4000	20.1	20.0	0.5	30.0
trans-1,3-Dichloropropene	Ave	0.4351	0.4253	0.1000	19.5	20.0	-2.3	30.0
1,1,2-Trichloroethane	Ave	0.2308	0.2315	0.1000	20.1	20.0	0.3	30.0
Ethyl methacrylate	Ave	0.2240	0.2139		19.1	20.0	-4.5	30.0
Tetrachloroethene	Ave	0.3222	0.3291	0.2000	20.4	20.0	2.2	30.0
1,3-Dichloropropane	Ave	0.4812	0.4769		19.8	20.0	-0.9	30.0
2-Hexanone	Qua2		0.9912	0.0500	97.2	100	-2.8	30.0
Chlorodibromomethane	Ave	0.2801	0.2744	0.1000	19.6	20.0	-2.0	30.0
Ethylene Dibromide	Ave	0.2497	0.2553	0.1000	20.5	20.0	2.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Lab Sample ID: ICV 460-837357/18 Calibration Date: 04/05/2022 12:47

Instrument ID: CVOAMS2 Calib Start Date: 04/05/2022 07:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/05/2022 12:25

Lab File ID: B85249.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acetate	Ave	0.4593	0.4332		18.9	20.0	-5.7	30.0
Chlorobenzene	Ave	0.8574	0.8690	0.5000	20.3	20.0	1.3	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3123	0.2941		18.8	20.0	-5.8	30.0
Ethylbenzene	Ave	0.4646	0.4670	0.1000	20.1	20.0	0.5	30.0
m-Xylene & p-Xylene	Ave	0.5390	0.5558	0.1000	20.6	20.0	3.1	30.0
o-Xylene	Ave	0.5414	0.5309	0.3000	19.6	20.0	-1.9	30.0
Styrene	Qua2		0.7998	0.3000	18.4	20.0	-8.0	30.0
n-Butyl acrylate	QuaF		0.1552		14.7	20.0	-26.6	30.0
Bromoform	Ave	0.1692	0.1582	0.1000	18.7	20.0	-6.5	30.0
Amyl acetate (mixed isomers)	QuaF		0.7853		16.0	20.0	-19.8	30.0
Isopropylbenzene	Lin2		1.475	0.1000	18.4	20.0	-8.0	30.0
Bromobenzene	Ave	0.6228	0.6272		20.1	20.0	0.7	30.0
1,2,3-Trichloropropane	Ave	0.1739	0.1829		21.0	20.0	5.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6642	0.6532	0.3000	19.7	20.0	-1.7	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2008	0.1959		19.5	20.0	-2.4	30.0
N-Propylbenzene	Ave	0.7205	0.7386		20.5	20.0	2.5	30.0
2-Chlorotoluene	Ave	0.6443	0.6670		20.7	20.0	3.5	30.0
4-Ethyltoluene	Ave	2.601	2.556		19.6	20.0	-1.8	30.0
4-Chlorotoluene	Ave	2.283	2.273		19.9	20.0	-0.4	30.0
1,3,5-Trimethylbenzene	Ave	2.273	2.306		20.3	20.0	1.4	30.0
Butyl Methacrylate	QuaF		0.4848		14.2	20.0	-29.1	30.0
tert-Butylbenzene	Ave	1.785	1.825		20.4	20.0	2.2	30.0
1,2,4-Trimethylbenzene	Ave	2.262	2.285		20.2	20.0	1.0	30.0
sec-Butylbenzene	Ave	2.935	2.995		20.4	20.0	2.0	30.0
1,3-Dichlorobenzene	Ave	1.256	1.238	0.6000	19.7	20.0	-1.4	30.0
1,4-Dichlorobenzene	Ave	1.290	1.255	0.5000	19.5	20.0	-2.7	30.0
4-Isopropyltoluene	Ave	2.482	2.490		20.1	20.0	0.3	30.0
1,2,3-Trimethylbenzene	Ave	2.420	2.399		19.8	20.0	-0.9	30.0
Benzyl chloride	QuaF		0.1557		14.6	20.0	-26.8	30.0
Indan	Qua2		0.7033		18.9	20.0	-5.3	30.0
1,2-Dichlorobenzene	Ave	1.194	1.187	0.4000	19.9	20.0	-0.6	30.0
p-Diethylbenzene	Lin2		1.376		20.2	20.0	1.0	30.0
n-Butylbenzene	Lin2		1.324		17.7	20.0	-11.3	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1167	0.1060	0.0500	18.2	20.0	-9.1	30.0
1,2,4,5-Tetramethylbenzene	Qua2		1.838		18.9	20.0	-5.3	30.0
1,3,5-Trichlorobenzene	Ave	0.9401	0.8613		18.3	20.0	-8.4	30.0
1,2,4-Trichlorobenzene	Ave	0.8182	0.7330	0.2000	17.9	20.0	-10.4	30.0
Hexachlorobutadiene	Ave	0.4459	0.4447		20.0	20.0	-0.2	30.0
Naphthalene	Ave	1.859	1.749		18.8	20.0	-5.9	30.0
1,2,3-Trichlorobenzene	Ave	0.8024	0.7536		18.8	20.0	-6.1	30.0
Dibromofluoromethane (Surr)	Ave	0.2462	0.2464		50.0	50.0	0.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2918	0.2921		50.1	50.0	0.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Lab Sample ID: ICV 460-837357/18 Calibration Date: 04/05/2022 12:47

Instrument ID: CVOAMS2 Calib Start Date: 04/05/2022 07:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/05/2022 12:25

Lab File ID: B85249.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toluene-d8 (Surr)	Ave	1.449	1.444		49.8	50.0	-0.4	30.0
4-Bromofluorobenzene	Ave	0.7036	0.7257		51.6	50.0	3.1	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85249.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 05-Apr-2022 12:47:30 ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0143609-018
Operator ID: Instrument ID: CVOAMS2
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Apr-2022 08:41:09 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: delpolitov Date: 06-Apr-2022 08:40:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.605	0.587	0.018	44	3074	20.0	11.3	a
2 1,1-Difluoroethane	51	0.642	0.636	0.006	90	136268	20.0	18.7	
3 Dichlorodifluoromethane	85	0.654	0.648	0.006	57	90097	20.0	19.2	
4 Chlorodifluoromethane	67	0.654	0.648	0.006	96	11324	20.0	17.2	
5 Chloromethane	50	0.727	0.721	0.006	99	132162	20.0	20.0	
6 Butadiene	54	0.770	0.764	0.006	90	81848	20.0	19.9	
7 Vinyl chloride	62	0.764	0.764	0.000	98	93949	20.0	21.1	
8 Bromomethane	94	0.898	0.898	0.000	98	51869	20.0	21.1	
9 Chloroethane	64	0.910	0.910	0.000	100	46158	20.0	19.9	
10 Dichlorofluoromethane	67	1.020	1.008	0.012	55	118531	20.0	20.6	
12 Pentane	72	1.026	1.014	0.012	97	23879	40.0	49.9	
11 Trichlorofluoromethane	101	1.044	1.032	0.012	97	92222	20.0	21.4	M
14 Ethanol	46	1.124	1.112	0.012	73	7841	800.0	576.0	M
13 Ethyl ether	59	1.124	1.118	0.006	91	44162	20.0	21.6	
15 2-Methyl-1,3-butadiene	53	1.130	1.130	0.000	98	62988	20.0	24.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.148	1.166	-0.018	85	45297	20.0	18.9	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.172	1.173	-0.001	96	82875	20.0	20.4	a
18 Acrolein	56	1.178	1.179	-0.001	98	59776	300.4	216.0	
19 1,1-Dichloroethene	96	1.227	1.221	0.006	93	52349	20.0	22.8	
21 Acetone	43	1.258	1.258	0.000	87	84697	100.0	89.0	
20 112TCTFE	101	1.282	1.270	0.012	94	60796	20.0	22.6	
22 Iodomethane	142	1.294	1.294	0.000	99	89530	20.0	21.7	
23 Carbon disulfide	76	1.325	1.325	0.000	100	218478	20.0	22.5	
24 Isopropyl alcohol	45	1.361	1.374	-0.013	24	42758	200.0	147.1	a
25 3-Chloro-1-propene	39	1.410	1.410	0.000	91	90164	20.0	21.5	
26 Methyl acetate	43	1.428	1.422	0.006	100	90751	40.0	45.0	
27 Acetonitrile	39	1.453	1.447	0.006	27	51090	200.0	224.5	a
28 Methylene Chloride	84	1.483	1.471	0.012	99	60886	20.0	20.5	
* 29 TBA-d9 (IS)	65	1.550	1.550	0.000	0	396482	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.605	1.611	-0.006	44	77939	200.0	198.8	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.617	1.618	-0.001	95	212422	200.0	204.7	
32 trans-1,2-Dichloroethene	96	1.636	1.630	0.006	98	56659	20.0	21.3	
33 Methyl tert-butyl ether	73	1.654	1.648	0.006	98	155171	20.0	20.9	
34 Hexane	57	1.806	1.807	-0.001	94	100249	20.0	22.7	
35 1,1-Dichloroethane	63	1.886	1.886	0.000	99	114397	20.0	20.5	
36 Vinyl acetate	86	1.940	1.941	-0.001	100	12598	40.0	34.1	
37 2-Chloro-1,3-butadiene	88	1.953	1.947	0.006	84	48926	20.0	20.0	
38 Isopropyl ether	45	1.971	1.971	0.000	96	207968	20.0	19.8	
39 Tert-butyl ethyl ether	87	2.233	2.227	0.006	88	58443	20.0	19.5	
* 40 2-Butanone-d5	46	2.288	2.288	0.000	0	354911	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.300	2.300	0.000	91	58894	20.0	21.6	
42 2,2-Dichloropropane	79	2.306	2.300	0.006	61	28494	20.0	19.5	a
43 2-Butanone (MEK)	72	2.337	2.331	0.006	98	29046	100.0	98.2	
44 Propionitrile	54	2.373	2.374	-0.001	96	77489	200.0	203.7	
45 Ethyl acetate	70	2.404	2.404	0.000	99	9558	40.0	39.9	
62 Methyl acrylate	55	2.416	2.416	0.000	99	53316	20.0	20.6	
46 Chlorobromomethane	128	2.483	2.477	0.006	96	24696	20.0	19.5	
47 Methacrylonitrile	67	2.489	2.483	0.006	96	192493	200.0	205.7	
48 Tetrahydrofuran	72	2.520	2.526	-0.006	96	13451	40.0	43.3	M
49 Chloroform	83	2.568	2.569	-0.001	97	95898	20.0	20.6	
$ 50 Dibromofluoromethane (Surr)	113	2.696	2.697	-0.001	96	127324	50.0	50.0	
51 1,1,1-Trichloroethane	97	2.703	2.703	0.000	69	86995	20.0	21.3	
52 Cyclohexane	84	2.745	2.745	0.000	96	90263	20.0	22.1	
54 1,1-Dichloropropene	75	2.843	2.843	0.000	92	73096	20.0	20.9	
53 Carbon tetrachloride	117	2.849	2.855	-0.006	74	71022	20.0	20.8	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.983	2.977	0.006	0	150965	50.0	50.1	
56 Benzene	78	3.026	3.026	0.000	97	210412	20.0	20.6	
57 1,2-Dichloroethane	62	3.056	3.050	0.006	97	67408	20.0	19.8	
58 Isobutyl alcohol	42	3.141	3.123	0.018	28	26142	500.0	287.9	a
59 Tert-amyl methyl ether	73	3.196	3.197	0.000	86	160468	20.0	19.5	
73 Isopropyl acetate	43	3.209	3.209	0.000	90	181438	20.0	18.5	
* 60 Fluorobenzene	96	3.318	3.318	0.000	98	516740	50.0	50.0	
61 n-Heptane	43	3.373	3.373	0.000	96	118375	20.0	22.1	
63 Trichloroethene	95	3.715	3.709	0.006	96	49608	20.0	20.8	
64 n-Butanol	43	3.891	3.879	0.012	63	7108	500.0	227.1	M
65 Methylcyclohexane	83	3.916	3.922	-0.006	93	98885	20.0	21.1	
66 Ethyl acrylate	55	3.928	3.922	0.006	93	144037	20.0	20.7	
67 1,2-Dichloropropane	63	3.958	3.952	0.006	91	56293	20.0	20.8	
68 Dibromomethane	93	4.086	4.087	-0.001	93	27470	20.0	20.2	
* 69 1,4-Dioxane-d8	96	4.129	4.111	0.018	0	22544	1000.0	1000.0	
70 1,4-Dioxane	88	4.172	4.178	-0.006	32	8883	400.0	388.5	M
71 Methyl methacrylate	100	4.214	4.221	-0.007	91	18393	40.0	39.4	
72 Dichlorobromomethane	83	4.330	4.324	0.006	98	61983	20.0	20.1	
81 n-Propyl acetate	43	4.336	4.337	-0.001	94	60729	20.0	19.9	
74 2-Nitropropane	41	4.635	4.635	0.000	99	21332	40.0	39.7	
75 2-Chloroethyl vinyl ether	63	4.812	4.806	0.006	94	9955	20.0	15.8	
76 Epichlorohydrin	57	4.848	4.843	0.005	39	5157	20.0	24.4	M
77 cis-1,3-Dichloropropene	75	4.934	4.934	0.000	96	67906	20.0	19.4	
78 4-Methyl-2-pentanone (MIBK)	43	5.233	5.233	0.000	97	235846	100.0	94.8	a
$ 79 Toluene-d8 (Surr)	98	5.287	5.288	-0.001	98	481120	50.0	49.8	
80 Toluene	91	5.379	5.379	0.000	93	199578	20.0	20.1	
82 trans-1,3-Dichloropropene	75	5.806	5.800	0.006	98	56666	20.0	19.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.062	6.056	0.006	93	30844	20.0	20.1	
84 Ethyl methacrylate	69	6.086	6.080	0.006	73	44208	20.0	19.1	a
85 Tetrachloroethene	166	6.208	6.208	0.000	93	43850	20.0	20.4	
86 1,3-Dichloropropane	76	6.299	6.300	-0.001	96	63539	20.0	19.8	
87 2-Hexanone	43	6.592	6.592	0.000	99	140719	100.0	97.2	
88 Chlorodibromomethane	129	6.653	6.647	0.006	98	36559	20.0	19.6	
89 Ethylene Dibromide	107	6.763	6.763	0.000	98	34019	20.0	20.5	
90 n-Butyl acetate	43	6.927	6.934	-0.007	98	57727	20.0	18.9	
* 91 Chlorobenzene-d5	117	7.647	7.647	0.000	89	333107	50.0	50.0	
92 Chlorobenzene	112	7.695	7.696	-0.001	93	115786	20.0	20.3	
93 1,1,1,2-Tetrachloroethane	131	7.915	7.915	0.000	94	39185	20.0	18.8	
94 Ethylbenzene	106	7.994	7.994	0.000	99	62228	20.0	20.1	
95 m-Xylene & p-Xylene	106	8.244	8.238	0.006	98	74056	20.0	20.6	
96 o-Xylene	106	8.976	8.982	-0.006	93	70744	20.0	19.6	
97 Styrene	104	9.024	9.019	0.005	96	106561	20.0	18.4	
98 n-Butyl acrylate	73	9.220	9.226	-0.006	96	20685	20.0	14.7	
99 Bromoform	173	9.262	9.262	0.000	93	21084	20.0	18.7	
101 Amyl acetate (mixed isomers)	43	9.707	9.707	0.000	91	53817	20.0	16.0	
102 Isopropylbenzene	105	9.726	9.726	0.000	97	196545	20.0	18.4	
$ 103 4-Bromofluorobenzene	174	9.933	9.933	0.000	87	124326	50.0	51.6	
104 Bromobenzene	156	10.104	10.104	0.000	97	42984	20.0	20.1	
105 1,2,3-Trichloropropane	110	10.323	10.329	-0.006	97	12534	20.0	21.0	
106 1,1,2,2-Tetrachloroethane	83	10.347	10.354	-0.007	97	44762	20.0	19.7	
107 trans-1,4-Dichloro-2-butene	53	10.451	10.457	-0.006	82	13425	20.0	19.5	
108 N-Propylbenzene	120	10.475	10.482	-0.007	98	50616	20.0	20.5	
109 2-Chlorotoluene	126	10.518	10.518	0.000	98	45709	20.0	20.7	
110 4-Ethyltoluene	105	10.701	10.701	0.000	98	175147	20.0	19.6	
111 4-Chlorotoluene	91	10.725	10.726	-0.001	99	155786	20.0	19.9	
112 1,3,5-Trimethylbenzene	105	10.835	10.835	0.000	93	158002	20.0	20.3	
100 Butyl Methacrylate	87	11.213	11.219	-0.006	94	33226	20.0	14.2	
113 tert-Butylbenzene	119	11.365	11.360	0.005	93	125070	20.0	20.4	
114 1,2,4-Trimethylbenzene	105	11.451	11.451	0.000	99	156574	20.0	20.2	
115 sec-Butylbenzene	105	11.756	11.756	0.000	99	205233	20.0	20.4	
116 1,3-Dichlorobenzene	146	11.817	11.817	0.000	95	84864	20.0	19.7	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	97	171328	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.006	12.006	0.000	96	86018	20.0	19.5	
119 4-Isopropyltoluene	119	12.085	12.085	0.000	98	170655	20.0	20.1	
120 1,2,3-Trimethylbenzene	105	12.182	12.189	-0.007	99	164390	20.0	19.8	
121 Benzyl chloride	126	12.335	12.341	-0.006	98	10669	20.0	14.6	
122 2,3-Dihydroindene	117	12.512	12.512	0.000	94	145367	20.0	18.9	
123 1,2-Dichlorobenzene	146	12.694	12.695	-0.001	95	81343	20.0	19.9	
124 p-Diethylbenzene	119	12.829	12.829	0.000	93	94296	20.0	20.2	
125 n-Butylbenzene	92	12.853	12.853	0.000	97	90716	20.0	17.7	
126 1,2-Dibromo-3-Chloropropane	157	13.609	13.609	0.000	91	7267	20.0	18.2	
127 1,2,4,5-Tetramethylbenzene	119	13.646	13.646	0.000	97	125960	20.0	18.9	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	97	59025	20.0	18.3	
129 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	94	50232	20.0	17.9	
130 Hexachlorobutadiene	225	14.383	14.383	0.000	93	30479	20.0	20.0	
131 Naphthalene	128	14.389	14.389	0.000	99	119894	20.0	18.8	
132 1,2,3-Trichlorobenzene	180	14.548	14.548	0.000	94	51643	20.0	18.8	
S 133 1,2-Dichloroethene, Total	100				0		40.0	42.9	
S 134 1,3-Dichloropropene, Total	100				0		40.0	39.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	40.2	
S 136 Total BTEX	1				0		100.0	101.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8FreonsSS_00043	Amount Added:	2.00	Units: uL	
ACROLEIN SP_00136	Amount Added:	3.00	Units: uL	
GAS C SP_00455	Amount Added:	2.00	Units: uL	
8260 SP_00153	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 06-Apr-2022 08:48:59 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85249.D

Injection Date: 05-Apr-2022 12:47:30 Instrument ID: CVOAMS2 Operator ID:

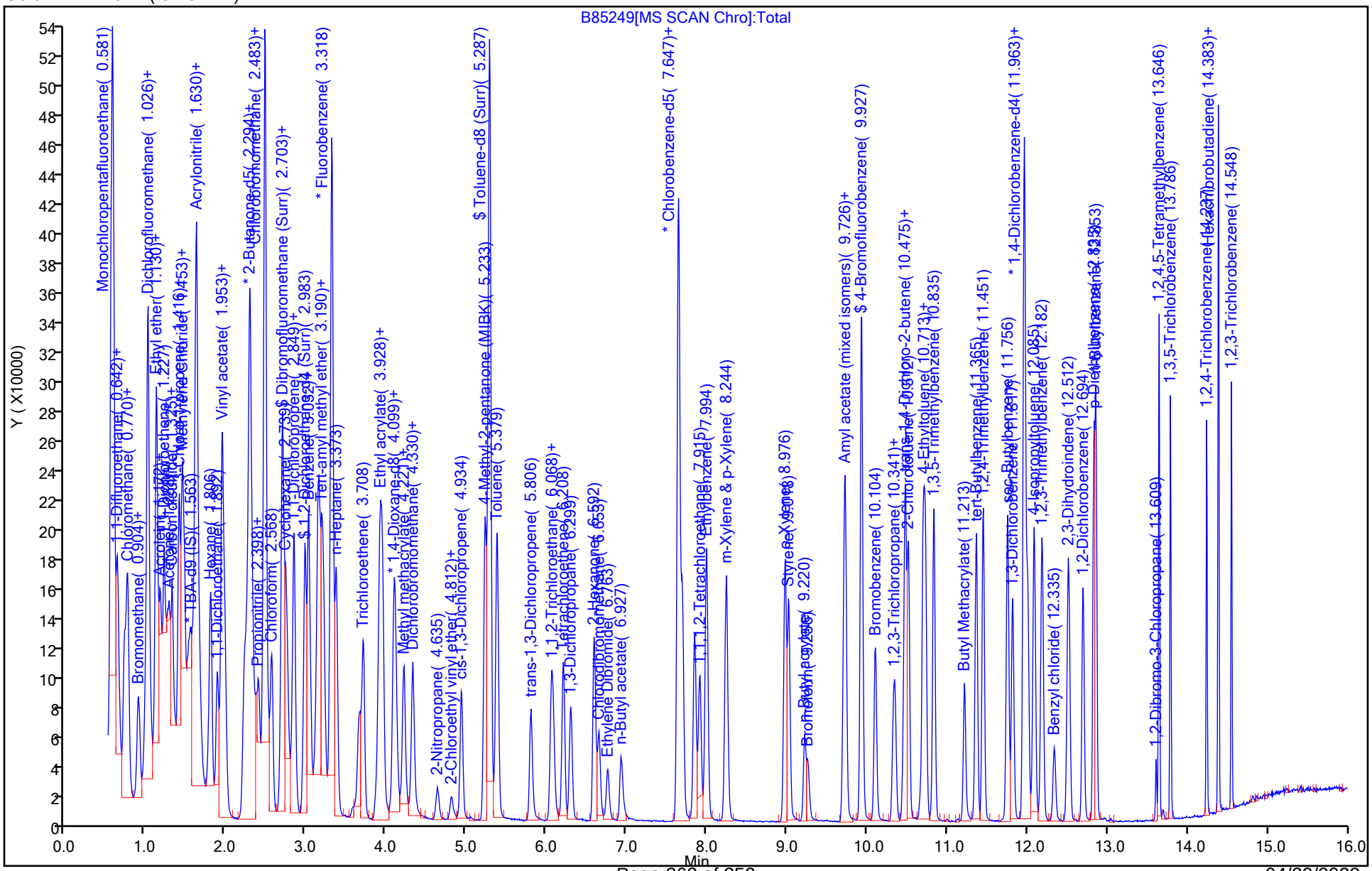
Lims ID: ICV Worklist Smp#: 18

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 18

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Lab Sample ID: CCVIS 460-839189/3 Calibration Date: 04/14/2022 16:49

Instrument ID: CVOAMS2 Calib Start Date: 04/05/2022 07:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/05/2022 12:25

Lab File ID: B85733.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Lin2		0.0259		18.9	20.0	-5.5	20.0
1,1-Difluoroethane	Ave	0.7039	0.9438		26.8	20.0	34.1*	20.0
Dichlorodifluoromethane	Ave	0.4530	0.4396	0.1000	19.4	20.0	-3.0	20.0
Chlorodifluoromethane	Lin2		0.0844		26.8	20.0	34.0*	20.0
Chloromethane	Ave	0.6384	0.6613	0.1000	20.7	20.0	3.6	20.0
Butadiene	Ave	0.3982	0.4166		20.9	20.0	4.6	20.0
Vinyl chloride	Ave	0.4315	0.4436	0.1000	20.6	20.0	2.8	20.0
Bromomethane	Ave	0.2375	0.2460	0.1000	20.7	20.0	3.6	50.0
Chloroethane	Ave	0.2241	0.2376	0.1000	21.2	20.0	6.0	50.0
Dichlorofluoromethane	Ave	0.5564	0.6247		22.5	20.0	12.3	20.0
Pentane	Ave	0.0463	0.0524		45.2	40.0	13.1	20.0
Trichlorofluoromethane	Ave	0.4164	0.4529	0.1000	21.8	20.0	8.8	20.0
Ethanol	Ave	0.0343	0.0290		675	800	-15.6	50.0
Ethyl ether	Ave	0.1980	0.2471		25.0	20.0	24.8*	20.0
2-Methyl-1,3-butadiene	Ave	0.2512	0.3246		25.8	20.0	29.2*	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2323	0.2720		23.4	20.0	17.1	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3936	0.4723		24.0	20.0	20.0	20.0
Acrolein	Ave	0.6981	0.9522		415	304	36.4	50.0
1,1-Dichloroethene	Ave	0.2221	0.2610	0.1000	23.5	20.0	17.5	20.0
Acetone	Ave	0.6702	0.6563	0.0500	97.9	100	-2.1	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2606	0.3176	0.1000	24.4	20.0	21.9*	20.0
Iodomethane	Ave	0.3992	0.4442		22.3	20.0	11.3	20.0
Carbon disulfide	Ave	0.9383	1.131	0.1000	24.1	20.0	20.5	50.0
Isopropyl alcohol	Ave	0.7333	0.6925		189	200	-5.6	50.0
3-Chloro-1-propene	Ave	0.4051	0.5392		26.6	20.0	33.1*	20.0
Methyl acetate	Ave	0.1952	0.2278	0.1000	46.7	40.0	16.7	20.0
Acetonitrile	Ave	0.5741	0.9739		339	200	69.6*	20.0
Methylene Chloride	Ave	0.2878	0.3162	0.1000	22.0	20.0	9.9	20.0
2-Methyl-2-propanol	Ave	0.9889	0.9899		200	200	0.1	50.0
Acrylonitrile	Ave	2.617	3.397		260	200	29.8*	20.0
trans-1,2-Dichloroethene	Ave	0.2575	0.2810	0.1000	21.8	20.0	9.1	20.0
Methyl tert-butyl ether	Ave	0.7177	0.7475	0.1000	20.8	20.0	4.2	20.0
Hexane	Ave	0.4281	0.4497		21.0	20.0	5.0	20.0
1,1-Dichloroethane	Ave	0.5412	0.6072	0.2000	22.4	20.0	12.2	20.0
2-Chloro-1,3-butadiene	Ave	0.2373	0.2256		19.0	20.0	-4.9	20.0
Vinyl acetate	Ave	0.2606	0.2620		40.2	40.0	0.5	20.0
Isopropyl ether	Ave	1.018	1.154		22.7	20.0	13.4	20.0
Tert-butyl ethyl ether	Ave	0.2898	0.2753		19.0	20.0	-5.0	20.0
2,2-Dichloropropane	Ave	0.1414	0.1494		21.1	20.0	5.7	20.0
cis-1,2-Dichloroethene	Ave	0.2634	0.2631	0.1000	20.0	20.0	-0.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Lab Sample ID: CCVIS 460-839189/3 Calibration Date: 04/14/2022 16:49

Instrument ID: CVOAMS2 Calib Start Date: 04/05/2022 07:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/05/2022 12:25

Lab File ID: B85733.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Butanone (MEK)	Ave	0.2083	0.1823	0.0500	87.5	100	-12.5	50.0
Propionitrile	Ave	0.2680	0.2610		195	200	-2.6	20.0
Ethyl acetate	Ave	0.1686	0.1604		38.0	40.0	-4.9	20.0
Methyl acrylate	Ave	0.2509	0.2492		19.9	20.0	-0.7	20.0
Chlorobromomethane	Ave	0.1222	0.1216		19.9	20.0	-0.5	20.0
Methacrylonitrile	Ave	0.0905	0.0874		193	200	-3.5	20.0
Tetrahydrofuran	Ave	0.2190	0.2184		39.9	40.0	-0.2	20.0
Chloroform	Ave	0.4498	0.4676	0.2000	20.8	20.0	4.0	20.0
1,1,1-Trichloroethane	Ave	0.3955	0.4109	0.1000	20.8	20.0	3.9	20.0
Cyclohexane	Ave	0.3957	0.3951	0.1000	20.0	20.0	-0.2	50.0
1,1-Dichloropropene	Ave	0.3388	0.3441		20.3	20.0	1.6	20.0
Carbon tetrachloride	Ave	0.3309	0.3322	0.1000	20.1	20.0	0.4	20.0
Benzene	Ave	1.535	1.697	0.5000	22.1	20.0	10.5	20.0
1,2-Dichloroethane	Ave	0.3289	0.3517	0.1000	21.4	20.0	6.9	20.0
Isobutyl alcohol	QuaF		0.1654		361	500	-27.9*	20.0
Tert-amyl methyl ether	Ave	0.7942	0.7289		18.4	20.0	-8.2	20.0
Isopropyl acetate	Ave	0.9483	0.9859		20.8	20.0	4.0	20.0
n-Heptane	Ave	0.5187	0.6091		23.5	20.0	17.4	20.0
Trichloroethene	Ave	0.2312	0.2323	0.2000	20.1	20.0	0.5	20.0
n-Butanol	QuaF		0.0545		343	500	-31.3	50.0
Methylcyclohexane	Ave	0.4532	0.4192	0.1000	18.5	20.0	-7.5	50.0
Ethyl acrylate	Ave	0.6728	0.6628		19.7	20.0	-1.5	20.0
1,2-Dichloropropane	Ave	0.2616	0.2806	0.1000	21.5	20.0	7.3	20.0
Dibromomethane	Ave	0.1315	0.1316		20.0	20.0	0.1	20.0
1,4-Dioxane	Lin2		1.023		403	400	0.8	50.0
Methyl methacrylate	Ave	0.0451	0.0374		33.2	40.0	-17.1	20.0
Dichlorobromomethane	Ave	0.2988	0.3011	0.2000	20.2	20.0	0.8	20.0
n-Propyl acetate	Ave	0.2950	0.2975		20.2	20.0	0.8	20.0
2-Nitropropane	QuaF		0.0526		40.5	40.0	1.2	20.0
2-Chloroethyl vinyl ether	Qua2		0.0567		18.5	20.0	-7.6	20.0
Epichlorohydrin	Ave	0.1490	0.1352		363	400	-9.3	20.0
cis-1,3-Dichloropropene	Ave	0.5247	0.5721	0.2000	21.8	20.0	9.0	50.0
4-Methyl-2-pentanone (MIBK)	Ave	1.753	1.660	0.0500	94.7	100	-5.3	50.0
Toluene	Ave	1.490	1.574	0.4000	21.1	20.0	5.6	20.0
trans-1,3-Dichloropropene	Ave	0.4351	0.4511	0.1000	20.7	20.0	3.7	50.0
1,1,2-Trichloroethane	Ave	0.2308	0.2439	0.1000	21.1	20.0	5.7	20.0
Ethyl methacrylate	Ave	0.2240	0.1772		15.8	20.0	-20.9*	20.0
Tetrachloroethene	Ave	0.3222	0.3372	0.2000	20.9	20.0	4.7	20.0
1,3-Dichloropropane	Ave	0.4812	0.4916		20.4	20.0	2.2	20.0
2-Hexanone	Qua2		0.9115	0.0500	89.6	100	-10.4	50.0
Chlorodibromomethane	Ave	0.2801	0.2759	0.1000	19.7	20.0	-1.5	50.0
Ethylene Dibromide	Ave	0.2497	0.2605	0.1000	20.9	20.0	4.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Lab Sample ID: CCVIS 460-839189/3 Calibration Date: 04/14/2022 16:49

Instrument ID: CVOAMS2 Calib Start Date: 04/05/2022 07:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/05/2022 12:25

Lab File ID: B85733.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acetate	Ave	0.4593	0.4432		19.3	20.0	-3.5	20.0
Chlorobenzene	Ave	0.8574	0.8694	0.5000	20.3	20.0	1.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3123	0.3032		19.4	20.0	-2.9	20.0
Ethylbenzene	Ave	0.4646	0.4754	0.1000	20.5	20.0	2.3	20.0
m-Xylene & p-Xylene	Ave	0.5390	0.5306	0.1000	19.7	20.0	-1.6	20.0
o-Xylene	Ave	0.5414	0.4857	0.3000	17.9	20.0	-10.3	20.0
Styrene	Qua2		0.8351	0.3000	19.2	20.0	-4.0	20.0
n-Butyl acrylate	QuaF		0.1675		15.8	20.0	-20.8*	20.0
Bromoform	Ave	0.1692	0.1513	0.1000	17.9	20.0	-10.6	20.0
Amyl acetate (mixed isomers)	QuaF		0.8534		17.4	20.0	-12.9	20.0
Isopropylbenzene	Lin2		1.456	0.1000	18.2	20.0	-9.1	20.0
Bromobenzene	Ave	0.6228	0.6235		20.0	20.0	0.1	20.0
1,2,3-Trichloropropane	Ave	0.1739	0.1637		18.8	20.0	-5.9	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6642	0.6554	0.3000	19.7	20.0	-1.3	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2008	0.2072		20.6	20.0	3.2	20.0
N-Propylbenzene	Ave	0.7205	0.7255		20.1	20.0	0.7	20.0
2-Chlorotoluene	Ave	0.6443	0.6806		21.1	20.0	5.6	20.0
4-Ethyltoluene	Ave	2.601	2.593		19.9	20.0	-0.3	20.0
4-Chlorotoluene	Ave	2.283	2.357		20.6	20.0	3.2	20.0
1,3,5-Trimethylbenzene	Ave	2.273	2.255		19.8	20.0	-0.8	20.0
Butyl Methacrylate	QuaF		0.4769		13.9	20.0	-30.3*	20.0
tert-Butylbenzene	Ave	1.785	1.758		19.7	20.0	-1.5	20.0
1,2,4-Trimethylbenzene	Ave	2.262	2.268		20.1	20.0	0.3	20.0
sec-Butylbenzene	Ave	2.935	2.856		19.5	20.0	-2.7	20.0
1,3-Dichlorobenzene	Ave	1.256	1.298	0.6000	20.7	20.0	3.4	20.0
1,4-Dichlorobenzene	Ave	1.290	1.298	0.5000	20.1	20.0	0.7	20.0
4-Isopropyltoluene	Ave	2.482	2.384		19.2	20.0	-4.0	20.0
1,2,3-Trimethylbenzene	Ave	2.420	2.400		19.8	20.0	-0.8	20.0
Benzyl chloride	QuaF		0.1933		18.2	20.0	-9.2	50.0
Indan	Qua2		0.6448		17.4	20.0	-13.0	20.0
1,2-Dichlorobenzene	Ave	1.194	1.203	0.4000	20.2	20.0	0.8	20.0
p-Diethylbenzene	Lin2		1.217		17.9	20.0	-10.4	20.0
n-Butylbenzene	Lin2		1.457		19.5	20.0	-2.7	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1167	0.1014	0.0500	17.4	20.0	-13.0	50.0
1,2,4,5-Tetramethylbenzene	Qua2		1.867		19.2	20.0	-3.8	20.0
1,3,5-Trichlorobenzene	Ave	0.9401	0.9669		20.6	20.0	2.9	20.0
1,2,4-Trichlorobenzene	Ave	0.8182	0.8434	0.2000	20.6	20.0	3.1	20.0
Hexachlorobutadiene	Ave	0.4459	0.4316		19.4	20.0	-3.2	20.0
Naphthalene	Ave	1.859	1.784		19.2	20.0	-4.0	50.0
1,2,3-Trichlorobenzene	Ave	0.8024	0.8455		21.1	20.0	5.4	20.0
Dibromofluoromethane (Surr)	Ave	0.2462	0.2414		49.0	50.0	-2.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2918	0.3117		53.4	50.0	6.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Lab Sample ID: CCVIS 460-839189/3 Calibration Date: 04/14/2022 16:49

Instrument ID: CVOAMS2 Calib Start Date: 04/05/2022 07:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/05/2022 12:25

Lab File ID: B85733.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toluene-d8 (Surr)	Ave	1.449	1.506		52.0	50.0	3.9	20.0
4-Bromofluorobenzene	Ave	0.7036	0.6734		47.9	50.0	-4.3	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85733.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 14-Apr-2022 16:49:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0144034-003
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Apr-2022 08:35:14 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1617

First Level Reviewer: parekhv Date: 14-Apr-2022 17:14:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.606	0.606	0.000	35	5478	20.0	18.9	a
2 1,1-Difluoroethane	51	0.642	0.642	0.000	0	199914	20.0	26.8	
3 Dichlorodifluoromethane	85	0.642	0.642	0.000	0	93121	20.0	19.4	
4 Chlorodifluoromethane	67	0.648	0.648	0.000	0	17879	20.0	26.8	
5 Chloromethane	50	0.721	0.721	0.000	0	140073	20.0	20.7	
6 Butadiene	54	0.758	0.758	0.000	0	88238	20.0	20.9	
7 Vinyl chloride	62	0.770	0.770	0.000	0	93951	20.0	20.6	
8 Bromomethane	94	0.892	0.892	0.000	0	52098	20.0	20.7	
9 Chloroethane	64	0.917	0.917	0.000	0	50318	20.0	21.2	
10 Dichlorofluoromethane	67	1.008	1.008	0.000	0	132321	20.0	22.5	
12 Pentane	72	1.014	1.014	0.000	0	22210	40.0	45.2	
11 Trichlorofluoromethane	101	1.032	1.032	0.000	96	95938	20.0	21.8	M
13 Ethyl ether	59	1.118	1.118	0.000	0	52347	20.0	25.0	
14 Ethanol	46	1.118	1.118	0.000	0	7828	800.0	674.9	
15 2-Methyl-1,3-butadiene	53	1.124	1.124	0.000	98	68762	20.0	25.8	M
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.136	1.136	0.000	82	57619	20.0	23.4	a
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.167	1.167	0.000	78	100033	20.0	24.0	a
18 Acrolein	56	1.179	1.179	0.000	0	97850	304.2	415.0	
19 1,1-Dichloroethene	96	1.221	1.221	0.000	0	55274	20.0	23.5	
21 Acetone	43	1.258	1.258	0.000	0	94338	100.0	97.9	
20 112TCTFE	101	1.270	1.270	0.000	87	67265	20.0	24.4	a
22 Iodomethane	142	1.288	1.288	0.000	0	94083	20.0	22.3	
23 Carbon disulfide	76	1.325	1.325	0.000	0	239495	20.0	24.1	
24 Isopropyl alcohol	45	1.355	1.355	0.000	96	46787	200.0	188.9	a
25 3-Chloro-1-propene	39	1.404	1.404	0.000	0	114207	20.0	26.6	
26 Methyl acetate	43	1.429	1.429	0.000	0	96481	40.0	46.7	
27 Acetonitrile	39	1.441	1.441	0.000	77	65794	200.0	339.3	a
28 Methylene Chloride	84	1.471	1.471	0.000	0	66980	20.0	22.0	
* 29 TBA-d9 (IS)	65	1.544	1.544	0.000	0	337795	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.605	1.605	0.000	92	66880	200.0	200.2	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.612	1.612	0.000	0	229515	200.0	259.6	
32 trans-1,2-Dichloroethene	96	1.630	1.630	0.000	0	59515	20.0	21.8	
33 Methyl tert-butyl ether	73	1.654	1.654	0.000	0	158333	20.0	20.8	
34 Hexane	57	1.794	1.794	0.000	0	95246	20.0	21.0	
35 1,1-Dichloroethane	63	1.880	1.880	0.000	0	128620	20.0	22.4	
37 2-Chloro-1,3-butadiene	88	1.941	1.941	0.000	0	47787	20.0	19.0	
36 Vinyl acetate	86	1.941	1.941	0.000	0	15061	40.0	40.2	
38 Isopropyl ether	45	1.971	1.971	0.000	0	244450	20.0	22.7	
39 Tert-butyl ethyl ether	87	2.233	2.233	0.000	0	58302	20.0	19.0	
* 40 2-Butanone-d5	46	2.282	2.282	0.000	0	359337	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.294	2.294	0.000	0	55733	20.0	20.0	
42 2,2-Dichloropropane	79	2.294	2.294	0.000	0	31649	20.0	21.1	
43 2-Butanone (MEK)	72	2.325	2.325	0.000	0	26207	100.0	87.5	
44 Propionitrile	54	2.361	2.361	0.000	0	75036	200.0	194.8	
45 Ethyl acetate	70	2.386	2.386	0.000	0	9220	40.0	38.0	
62 Methyl acrylate	55	2.410	2.410	0.000	0	52791	20.0	19.9	
46 Chlorobromomethane	128	2.483	2.483	0.000	0	25761	20.0	19.9	
47 Methacrylonitrile	67	2.483	2.483	0.000	0	185110	200.0	193.0	
48 Tetrahydrofuran	72	2.520	2.520	0.000	0	12559	40.0	39.9	
49 Chloroform	83	2.563	2.563	0.000	0	99050	20.0	20.8	
$ 50 Dibromofluoromethane (Surr)	113	2.691	2.691	0.000	0	127805	50.0	49.0	
51 1,1,1-Trichloroethane	97	2.703	2.703	0.000	0	87032	20.0	20.8	
52 Cyclohexane	84	2.745	2.745	0.000	0	83676	20.0	20.0	
54 1,1-Dichloropropene	75	2.843	2.843	0.000	0	72885	20.0	20.3	
53 Carbon tetrachloride	117	2.843	2.843	0.000	0	70373	20.0	20.1	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	165039	50.0	53.4	
56 Benzene	78	3.020	3.020	0.000	0	212038	20.0	22.1	
57 1,2-Dichloroethane	62	3.050	3.050	0.000	0	74491	20.0	21.4	
58 Isobutyl alcohol	42	3.142	3.142	0.000	38	27935	500.0	360.7	a
59 Tert-amyl methyl ether	73	3.190	3.190	0.000	0	154390	20.0	18.4	
73 Isopropyl acetate	43	3.203	3.203	0.000	92	208819	20.0	20.8	M
* 60 Fluorobenzene	96	3.312	3.312	0.000	0	529526	50.0	50.0	
61 n-Heptane	43	3.361	3.361	0.000	0	129010	20.0	23.5	
63 Trichloroethene	95	3.709	3.709	0.000	0	49204	20.0	20.1	
64 n-Butanol	43	3.904	3.904	0.000	0	9198	500.0	343.5	
65 Methylcyclohexane	83	3.916	3.916	0.000	0	88792	20.0	18.5	
66 Ethyl acrylate	55	3.928	3.928	0.000	0	140380	20.0	19.7	
67 1,2-Dichloropropane	63	3.953	3.953	0.000	0	59430	20.0	21.5	
68 Dibromomethane	93	4.087	4.087	0.000	0	27877	20.0	20.0	
* 69 1,4-Dioxane-d8	96	4.129	4.129	0.000	0	16881	1000.0	1000.0	M
70 1,4-Dioxane	88	4.166	4.166	0.000	32	6908	400.0	403.1	M
71 Methyl methacrylate	100	4.209	4.209	0.000	0	15855	40.0	33.2	
72 Dichlorobromomethane	83	4.324	4.324	0.000	0	63773	20.0	20.2	
81 n-Propyl acetate	43	4.337	4.337	0.000	0	63005	20.0	20.2	
74 2-Nitropropane	41	4.635	4.635	0.000	0	22278	40.0	40.5	
75 2-Chloroethyl vinyl ether	63	4.806	4.806	0.000	0	12033	20.0	18.5	
76 Epichlorohydrin	57	4.830	4.830	0.000	0	77706	400.0	362.8	
77 cis-1,3-Dichloropropene	75	4.934	4.934	0.000	0	71495	20.0	21.8	
78 4-Methyl-2-pentanone (MIBK)	43	5.227	5.227	0.000	96	238667	100.0	94.7	a
$ 79 Toluene-d8 (Surr)	98	5.282	5.282	0.000	0	470549	50.0	52.0	
80 Toluene	91	5.379	5.379	0.000	0	196683	20.0	21.1	
82 trans-1,3-Dichloropropene	75	5.800	5.800	0.000	0	56373	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.056	6.056	0.000	0	30483	20.0	21.1	
84 Ethyl methacrylate	69	6.080	6.080	0.000	71	37526	20.0	15.8	a
85 Tetrachloroethene	166	6.202	6.202	0.000	0	42137	20.0	20.9	
86 1,3-Dichloropropane	76	6.294	6.294	0.000	0	61434	20.0	20.4	
87 2-Hexanone	43	6.586	6.586	0.000	0	131018	100.0	89.6	
88 Chlorodibromomethane	129	6.647	6.647	0.000	0	34475	20.0	19.7	
89 Ethylene Dibromide	107	6.751	6.751	0.000	0	32555	20.0	20.9	
90 n-Butyl acetate	43	6.928	6.928	0.000	0	55376	20.0	19.3	
* 91 Chlorobenzene-d5	117	7.641	7.641	0.000	0	312397	50.0	50.0	
92 Chlorobenzene	112	7.690	7.690	0.000	0	108637	20.0	20.3	
93 1,1,1,2-Tetrachloroethane	131	7.909	7.909	0.000	0	37889	20.0	19.4	
94 Ethylbenzene	106	7.994	7.994	0.000	0	59400	20.0	20.5	
95 m-Xylene & p-Xylene	106	8.238	8.238	0.000	0	66299	20.0	19.7	
96 o-Xylene	106	8.976	8.976	0.000	0	60696	20.0	17.9	
97 Styrene	104	9.019	9.019	0.000	0	104353	20.0	19.2	
98 n-Butyl acrylate	73	9.220	9.220	0.000	0	20927	20.0	15.8	
99 Bromoform	173	9.256	9.256	0.000	0	18909	20.0	17.9	
101 Amyl acetate (mixed isomers)	43	9.701	9.701	0.000	0	55182	20.0	17.4	
102 Isopropylbenzene	105	9.720	9.720	0.000	0	181999	20.0	18.2	
$ 103 4-Bromofluorobenzene	174	9.927	9.927	0.000	0	108851	50.0	47.9	
104 Bromobenzene	156	10.104	10.104	0.000	0	40311	20.0	20.0	
105 1,2,3-Trichloropropane	110	10.323	10.323	0.000	0	10582	20.0	18.8	
106 1,1,2,2-Tetrachloroethane	83	10.348	10.348	0.000	0	42375	20.0	19.7	
107 trans-1,4-Dichloro-2-butene	53	10.451	10.451	0.000	0	13398	20.0	20.6	
108 N-Propylbenzene	120	10.476	10.476	0.000	0	46910	20.0	20.1	
109 2-Chlorotoluene	126	10.512	10.512	0.000	0	44005	20.0	21.1	
110 4-Ethyltoluene	105	10.701	10.701	0.000	0	167686	20.0	19.9	
111 4-Chlorotoluene	91	10.726	10.726	0.000	0	152394	20.0	20.6	
112 1,3,5-Trimethylbenzene	105	10.829	10.829	0.000	0	145821	20.0	19.8	
100 Butyl Methacrylate	87	11.213	11.213	0.000	0	30833	20.0	13.9	
113 tert-Butylbenzene	119	11.360	11.360	0.000	0	113638	20.0	19.7	
114 1,2,4-Trimethylbenzene	105	11.451	11.451	0.000	0	146612	20.0	20.1	
115 sec-Butylbenzene	105	11.750	11.750	0.000	0	184651	20.0	19.5	
116 1,3-Dichlorobenzene	146	11.817	11.817	0.000	0	83929	20.0	20.7	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	0	161644	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.000	12.000	0.000	0	83942	20.0	20.1	
119 4-Isopropyltoluene	119	12.085	12.085	0.000	0	154162	20.0	19.2	
120 1,2,3-Trimethylbenzene	105	12.183	12.183	0.000	0	155185	20.0	19.8	
121 Benzyl chloride	126	12.335	12.335	0.000	0	12501	20.0	18.2	
122 2,3-Dihydroindene	117	12.506	12.506	0.000	0	136581	20.0	17.4	
123 1,2-Dichlorobenzene	146	12.695	12.695	0.000	0	77793	20.0	20.2	
124 p-Diethylbenzene	119	12.829	12.829	0.000	92	78661	20.0	17.9	a
125 n-Butylbenzene	92	12.853	12.853	0.000	0	94215	20.0	19.5	
126 1,2-Dibromo-3-Chloropropane	157	13.609	13.609	0.000	0	6559	20.0	17.4	
127 1,2,4,5-Tetramethylbenzene	119	13.646	13.646	0.000	0	120714	20.0	19.2	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	0	62518	20.0	20.6	
129 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	0	54532	20.0	20.6	
130 Hexachlorobutadiene	225	14.383	14.383	0.000	0	27905	20.0	19.4	
131 Naphthalene	128	14.383	14.383	0.000	0	115322	20.0	19.2	
132 1,2,3-Trichlorobenzene	180	14.548	14.548	0.000	0	54670	20.0	21.1	
S 133 1,2-Dichloroethene, Total	100				0		40.0	41.8	
S 134 1,3-Dichloropropene, Total	100				0		40.0	42.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	37.6	
S 136 Total BTEX	1				0		100.0	101.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524freon_00050	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00152	Amount Added:	2.00	Units: uL	
ACROLEIN W_00138	Amount Added:	3.00	Units: uL	
GASES Li_00471	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Apr-2022 08:35:15 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85733.D

Injection Date: 14-Apr-2022 16:49:30 Instrument ID: CVOAMS2 Operator ID:

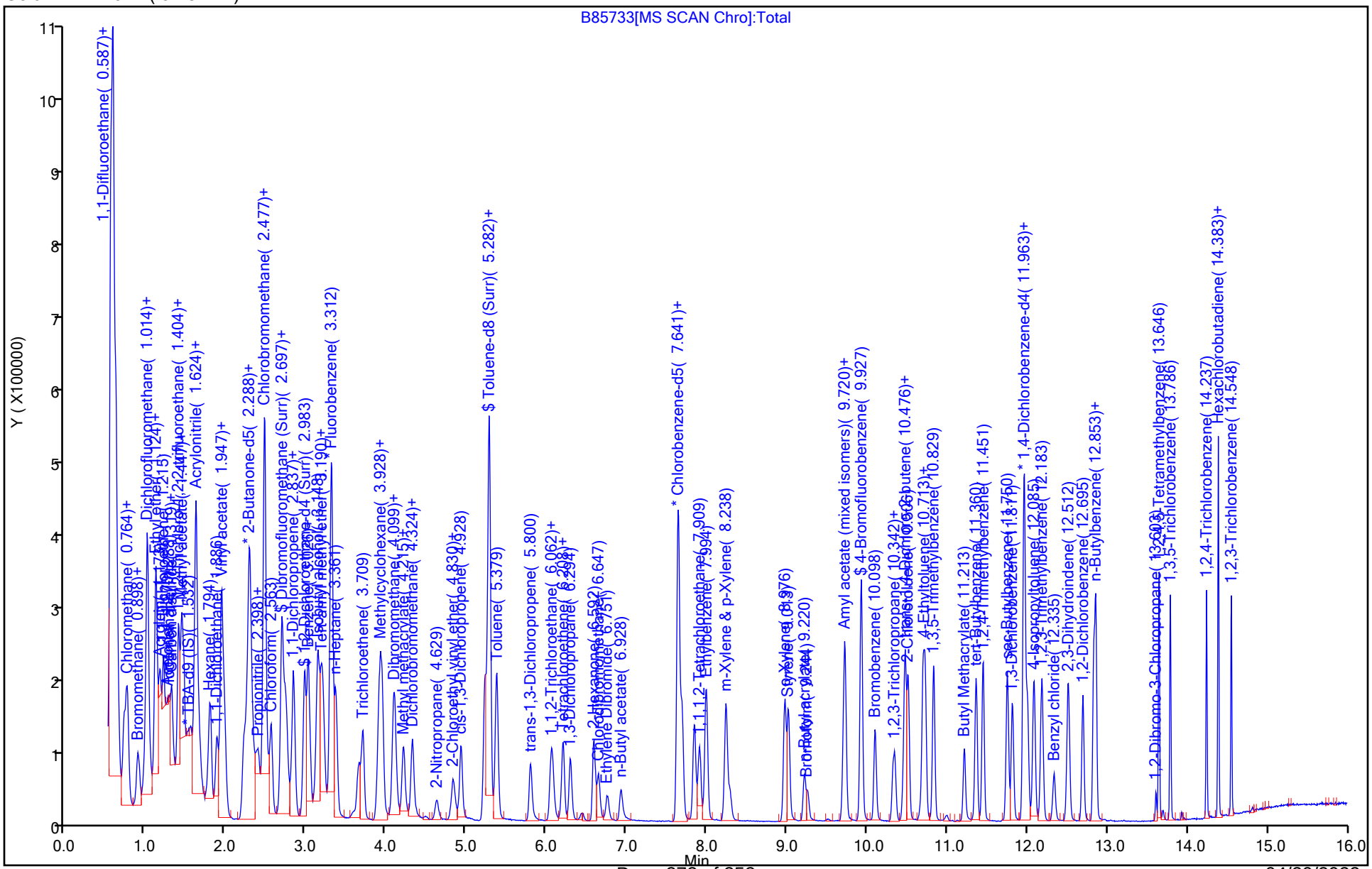
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47425.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 30-Mar-2022 23:37:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0143422-001
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Mar-2022 17:59:30 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: boykink Date: 31-Mar-2022 00:16:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 BFB	95	3.157	3.157	0.000	91	123119	NR	NR	a

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

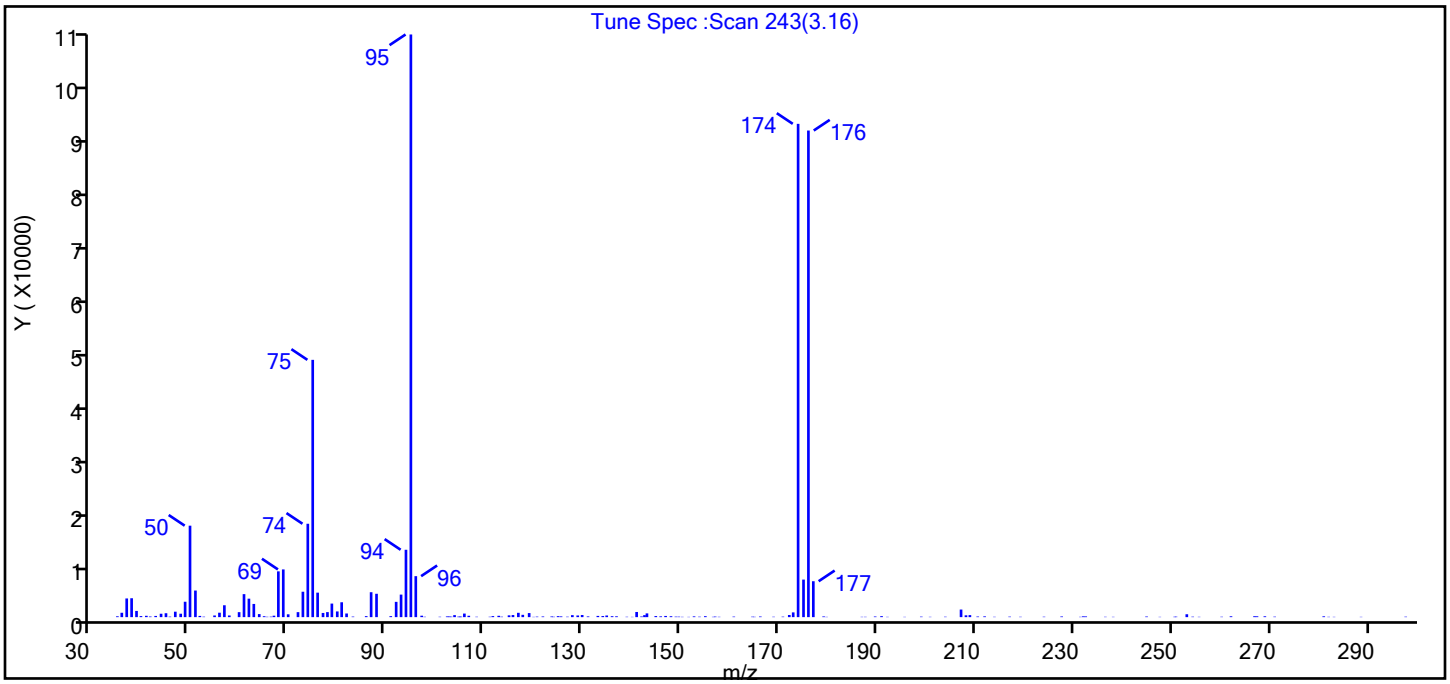
BFB_00031 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47425.D
Injection Date: 30-Mar-2022 23:37:30 Instrument ID: CVOAMS11
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.7
75	30 to 60% of m/z 95	44.2
96	5 to 9% of m/z 95	7.0
173	Less than 2% of m/z 174	0.8 (1.0)
174	50 to 120% of m/z 95	84.7
175	5 to 9% of m/z 174	6.4 (7.6)
176	Greater than 95% but less than 101% of m/z 174	83.5 (98.6)
177	5 to 9% of m/z 176	6.2 (7.4)

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47425.D\8260W_11.rslt\spectra.d
Injection Date: 30-Mar-2022 23:37:30
Spectrum: Tune Spec :Scan 243(3.16)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 171

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	156	80.00	1044	128.00	363	187.00	59
36.00	801	81.00	2722	129.00	304	188.00	61
37.00	3418	82.00	667	130.00	388	190.00	119
38.00	3460	83.00	100	131.00	131	191.00	178
39.00	1135	86.00	185	133.00	226	192.00	54
40.00	196	87.00	4562	134.00	199	196.00	52
41.00	245	88.00	4274	135.00	299	199.00	93
42.00	115	91.00	182	136.00	172	201.00	59
43.00	220	92.00	2798	137.00	155	204.00	77
44.00	623	93.00	4124	139.00	69	207.00	1391
45.00	717	94.00	12327	140.00	52	208.00	336
46.00	92	95.00	106616	141.00	946	209.00	370
47.00	998	96.00	7500	142.00	117	210.00	113
48.00	627	97.00	263	143.00	363	212.00	140
49.00	2819	98.00	70	143.00	687	214.00	63
50.00	16736	101.00	72	145.00	197	217.00	93
51.00	4869	102.00	130	146.00	145	219.00	67
52.00	225	103.00	120	147.00	218	224.00	78
53.00	84	103.00	87	148.00	168	228.00	122
55.00	305	104.00	368	149.00	94	231.00	57
56.00	811	105.00	83	150.00	89	232.00	145
57.00	2175	105.00	91	150.00	58	232.00	132
58.00	304	105.00	81	152.00	50	236.00	66
60.00	911	106.00	654	153.00	138	238.00	57
61.00	4210	107.00	253	154.00	84	245.00	115
62.00	3382	108.00	73	155.00	174	248.00	54
63.00	2416	111.00	72	157.00	58	251.00	67
64.00	560	112.00	189	157.00	101	251.00	87
65.00	166	113.00	249	158.00	63	253.00	530
66.00	68	114.00	81	161.00	98	254.00	86
66.00	86	115.00	329	165.00	83	256.00	60
67.00	263	116.00	383	165.00	62	260.00	74
68.00	8379	117.00	793	166.00	116	262.00	157

Report Date: 31-Mar-2022 17:59:31 Chrom Revision: 2.3 18-Mar-2022 09:07:22
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47425.D\8260W_11.rslt\spectra.d
Injection Date: 30-Mar-2022 23:37:30
Spectrum: Tune Spec :Scan 243(3.16)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 171

m/z	Y	m/z	Y	m/z	Y	m/z	Y
69.00	8732	118.00	424	169.00	73	267.00	167
70.00	519	119.00	745	171.00	89	267.00	154
72.00	914	120.00	51	172.00	394	269.00	156
73.00	4650	121.00	96	173.00	870	271.00	88
74.00	17088	122.00	122	174.00	90264	281.00	149
75.00	47080	124.00	121	175.00	6872	282.00	61
76.00	4482	124.00	69	176.00	89040	283.00	55
77.00	765	125.00	180	177.00	6572	289.00	55
78.00	921	126.00	135	179.00	126	298.00	84
79.00	2482	127.00	80	180.00	53		

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85232.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	05-Apr-2022 06:31:30	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0143585-001				
Operator ID:		Instrument ID:	CVOAMS2		
Method:	\\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\8260S_2.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	05-Apr-2022 18:49:34	Calib Date:	05-Apr-2022 12:25:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1672				
First Level Reviewer: tupayachia		Date:	05-Apr-2022 06:37:42		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 137 BFB	95	1.743	1.743	0.000	0	170699	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

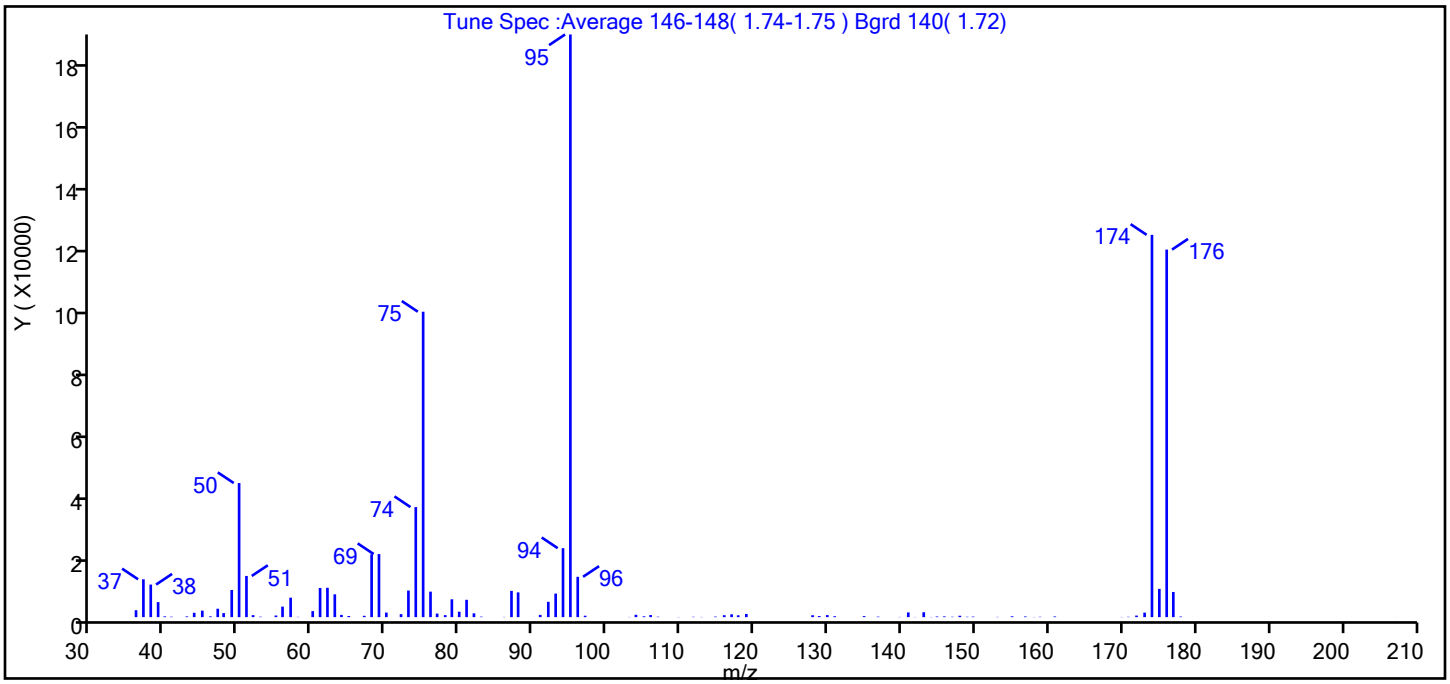
BFB_00031 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85232.D
Injection Date: 05-Apr-2022 06:31:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260

$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	23.0
75	30 to 60% of m/z 95	52.4
96	5 to 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.8 (1.2)
174	50 to 120% of m/z 95	65.6
175	5 to 9% of m/z 174	4.9 (7.4)
176	Greater than 95% but less than 101% of m/z 174	63.1 (96.1)
177	5 to 9% of m/z 176	4.3 (6.8)

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85232.D\8260S_2.rslt\spectra.d
Injection Date: 05-Apr-2022 06:31:30
Spectrum: Tune Spec :Average 146-148(1.74-1.75) Bgrd 140(1.72)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 99

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2169	64.00	706	95.00	182720	143.00	1544
37.00	11868	65.00	356	96.00	12650	144.00	59
38.00	10216	67.00	416	97.00	452	145.00	199
39.00	4714	68.00	19712	103.00	57	146.00	232
40.00	247	69.00	19784	104.00	741	147.00	122
41.00	146	70.00	1435	105.00	262	148.00	443
43.00	233	72.00	943	106.00	654	149.00	121
44.00	1368	73.00	8340	107.00	129	150.00	173
45.00	2039	74.00	34520	110.00	54	153.00	77
46.00	240	75.00	95784	112.00	114	155.00	268
47.00	2640	76.00	7995	113.00	62	157.00	213
48.00	1270	77.00	1115	115.00	180	158.00	51
49.00	8516	78.00	632	116.00	608	159.00	108
50.00	42048	79.00	5601	117.00	893	161.00	215
51.00	12921	80.00	1705	118.00	587	170.00	56
52.00	631	81.00	5437	119.00	1003	171.00	107
53.00	136	82.00	1199	128.00	601	172.00	495
55.00	518	83.00	154	129.00	339	173.00	1414
56.00	3306	86.00	67	130.00	642	174.00	119888
57.00	6101	87.00	8241	131.00	288	175.00	8865
58.00	88	88.00	7767	135.00	318	176.00	115264
60.00	1896	91.00	704	137.00	162	177.00	7895
61.00	9148	92.00	4804	140.00	62	178.00	185
62.00	9211	93.00	7389	141.00	1481	207.00	13
63.00	7165	94.00	21632	142.00	52		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-839065/9

Matrix: Water | Lab File ID: N48067.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/14/2022 09:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 839065 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-839065/9

Matrix: Water | Lab File ID: N48067.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/14/2022 09:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 839065 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-128
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	116		77-124
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220414-144005.b\N48067.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 14-Apr-2022 09:41:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0144005-009
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220414-144005.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2022 10:14:57 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1618

First Level Reviewer: moroneyc Date: 14-Apr-2022 10:14:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.886	2.898	-0.012	0	44145	1000.0	1000.0	
* 43 2-Butanone-d5	46	3.908	3.914	-0.006	0	203258	250.0	250.0	
$ 56 Dibromofluoromethane (Surr)	113	4.370	4.370	0.000	0	188774	50.0	57.9	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.711	4.711	0.000	0	159716	50.0	53.1	
* 67 Fluorobenzene	96	4.972	4.973	-0.001	0	547683	50.0	50.0	
* 73 1,4-Dioxane-d8	96	5.654	5.648	0.006	0	33405	1000.0	1000.0	
$ 84 Toluene-d8 (Surr)	98	6.603	6.603	0.000	0	604373	50.0	51.7	
* 95 Chlorobenzene-d5	117	8.361	8.361	0.000	0	470589	50.0	50.0	
$ 106 4-Bromofluorobenzene	174	9.833	9.833	0.000	0	166275	50.0	48.7	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	0	255352	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00226 Amount Added: 1.00 Units: uL Run Reagent

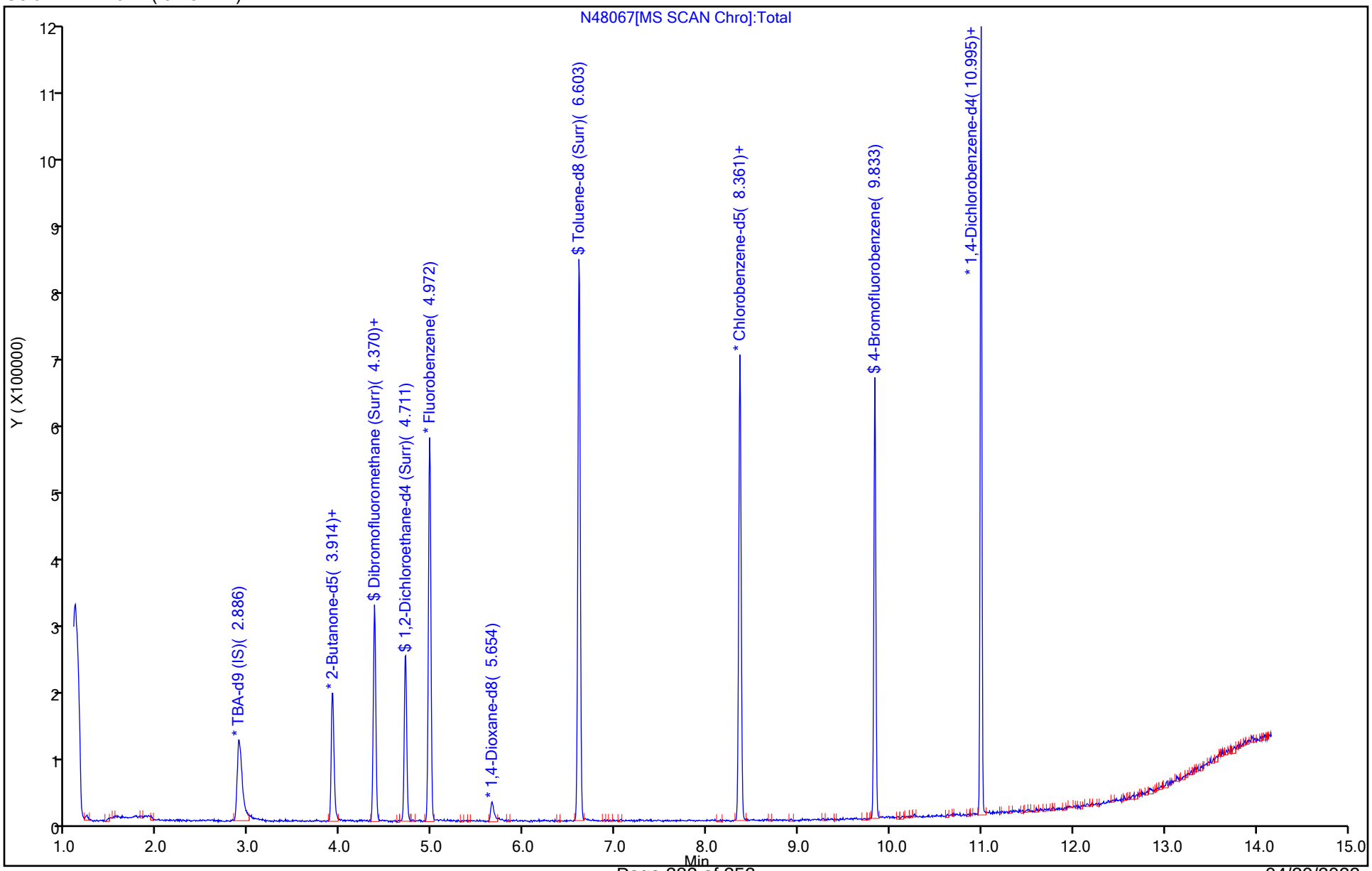
Report Date: 14-Apr-2022 10:14:58 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220414-144005.b\N48067.D

Injection Date:	14-Apr-2022 09:41:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	MB			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



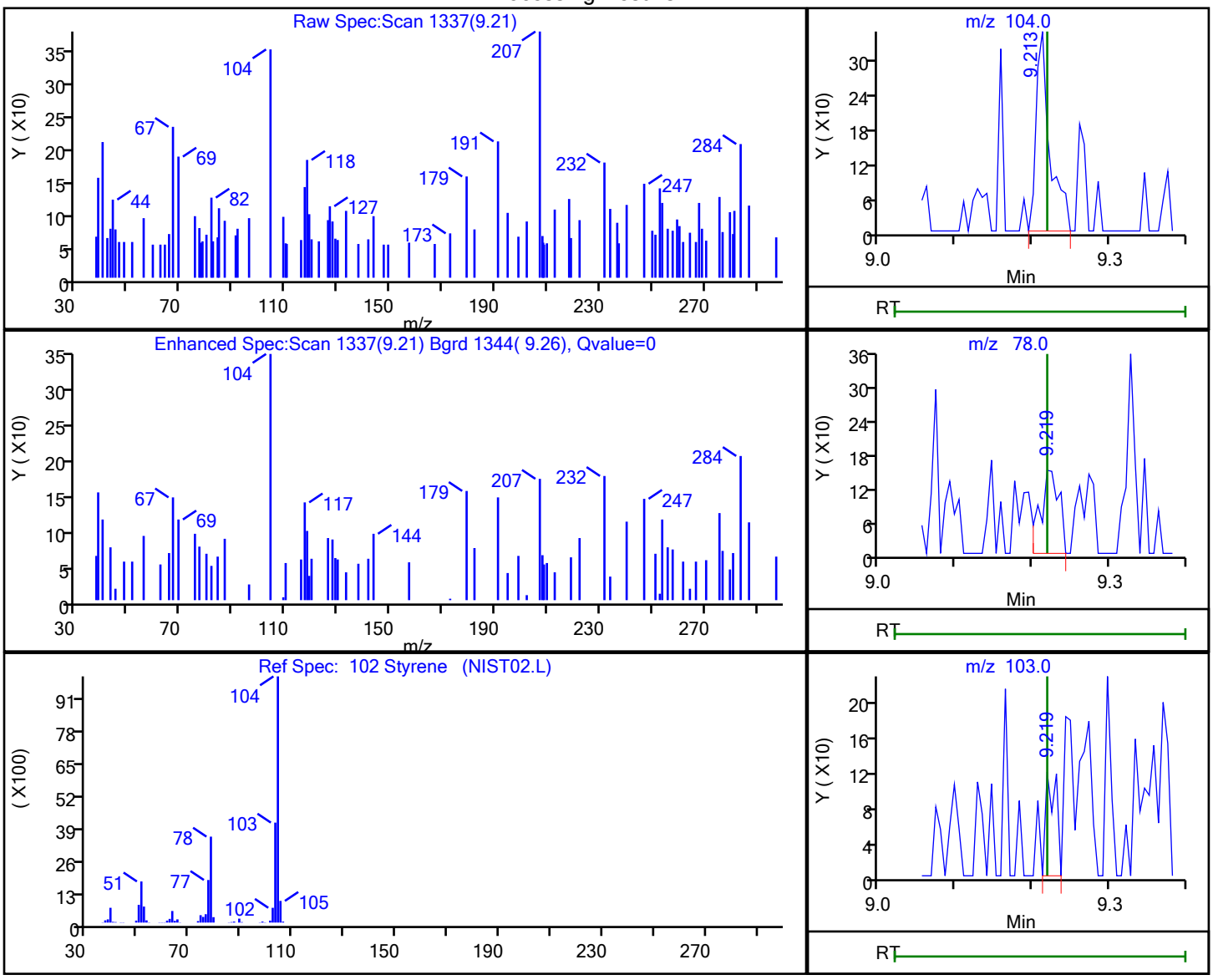
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220414-144005.b\N48067.D
Injection Date: 14-Apr-2022 09:41:30 Instrument ID: CVOAMS11
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

102 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
9.21	104.00	431	0.479622
9.22	78.00	251	
9.22	103.00	110	

Reviewer: moroneyc, 14-Apr-2022 10:14:35
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-839189/9

Matrix: Solid | Lab File ID: B85739.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/14/2022 19:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.23	U	1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.30	U	1.0	0.30
79-00-5	1,1,2-Trichloroethane	0.18	U	1.0	0.18
75-34-3	1,1-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.23	U	1.0	0.23
87-61-6	1,2,3-Trichlorobenzene	0.18	U	1.0	0.18
120-82-1	1,2,4-Trichlorobenzene	0.36	U	1.0	0.36
78-87-5	1,2-Dichloropropane	0.42	U	1.0	0.42
541-73-1	1,3-Dichlorobenzene	0.37	U	1.0	0.37
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
123-91-1	1,4-Dioxane	9.2	U	100	9.2
78-93-3	2-Butanone (MEK)	0.37	U	5.0	0.37
591-78-6	2-Hexanone	1.7	U	5.0	1.7
108-10-1	4-Methyl-2-pentanone (MIBK)	1.6	U	5.0	1.6
67-64-1	Acetone	5.7	U	6.0	5.7
71-43-2	Benzene	0.26	U	1.0	0.26
75-25-2	Bromoform	0.43	U	1.0	0.43
74-83-9	Bromomethane	1.0	U	2.0	1.0
75-15-0	Carbon disulfide	0.27	U	1.0	0.27
56-23-5	Carbon tetrachloride	0.39	U	1.0	0.39
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
74-97-5	Chlorobromomethane	0.28	U	1.0	0.28
124-48-1	Chlorodibromomethane	0.19	U	1.0	0.19
75-00-3	Chloroethane	0.52	U	1.0	0.52
67-66-3	Chloroform	0.97	U	1.0	0.97
74-87-3	Chloromethane	0.44	U	1.0	0.44
156-59-2	cis-1,2-Dichloroethene	0.36	U	1.0	0.36
10061-01-5	cis-1,3-Dichloropropene	0.27	U	1.0	0.27
110-82-7	Cyclohexane	0.22	U	1.0	0.22
75-27-4	Dichlorobromomethane	0.26	U	1.0	0.26
75-71-8	Dichlorodifluoromethane	0.34	U	1.0	0.34
100-41-4	Ethylbenzene	0.20	U	1.0	0.20
106-93-4	Ethylene Dibromide	0.18	U	1.0	0.18
98-82-8	Isopropylbenzene	0.29	U	1.0	0.29
79-20-9	Methyl acetate	4.3	U	5.0	4.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-839189/9

Matrix: Solid | Lab File ID: B85739.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/14/2022 19:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	0.51	U	1.0	0.51
108-87-2	Methylcyclohexane	0.50	U	1.0	0.50
75-09-2	Methylene Chloride	1.1	U	2.0	1.1
179601-23-1	m-Xylene & p-Xylene	0.17	U	1.0	0.17
95-47-6	o-Xylene	0.19	U	1.0	0.19
100-42-5	Styrene	0.28	U	1.0	0.28
127-18-4	Tetrachloroethene	0.31	U	1.0	0.31
108-88-3	Toluene	0.23	U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	0.25	U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	0.27	U	1.0	0.27
79-01-6	Trichloroethene	0.32	U	1.0	0.32
75-69-4	Trichlorofluoromethane	0.41	U	1.0	0.41
75-01-4	Vinyl chloride	0.55	U	1.0	0.55
107-06-2	1,2-Dichloroethane	0.30	U	1.0	0.30
95-50-1	1,2-Dichlorobenzene	0.36	U	1.0	0.36
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1.0	0.46

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		72-145
460-00-4	4-Bromofluorobenzene	97		75-139
1868-53-7	Dibromofluoromethane (Surr)	102		73-139
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85739.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 14-Apr-2022 19:03:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0144034-009
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Apr-2022 08:40:21 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1617

First Level Reviewer: delpolitov Date: 15-Apr-2022 08:40:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	1.526	1.544	-0.018	0	366457	1000.0	1000.0	
* 40 2-Butanone-d5	46	2.270	2.282	-0.012	0	299029	250.0	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.691	2.691	0.000	0	107722	50.0	51.0	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.971	2.977	-0.006	0	138768	50.0	55.4	
* 60 Fluorobenzene	96	3.306	3.312	-0.006	0	429093	50.0	50.0	
* 69 1,4-Dioxane-d8	96	4.135	4.129	0.006	0	13036	1000.0	1000.0	Ma
$ 79 Toluene-d8 (Surr)	98	5.275	5.282	-0.007	0	355973	50.0	49.9	
* 91 Chlorobenzene-d5	117	7.641	7.641	0.000	0	246006	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	9.927	9.927	0.000	0	78963	50.0	48.5	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	0	115611	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Apr-2022 08:40:22 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85739.D

Injection Date: 14-Apr-2022 19:03:30 Instrument ID: CVOAMS2 Operator ID:

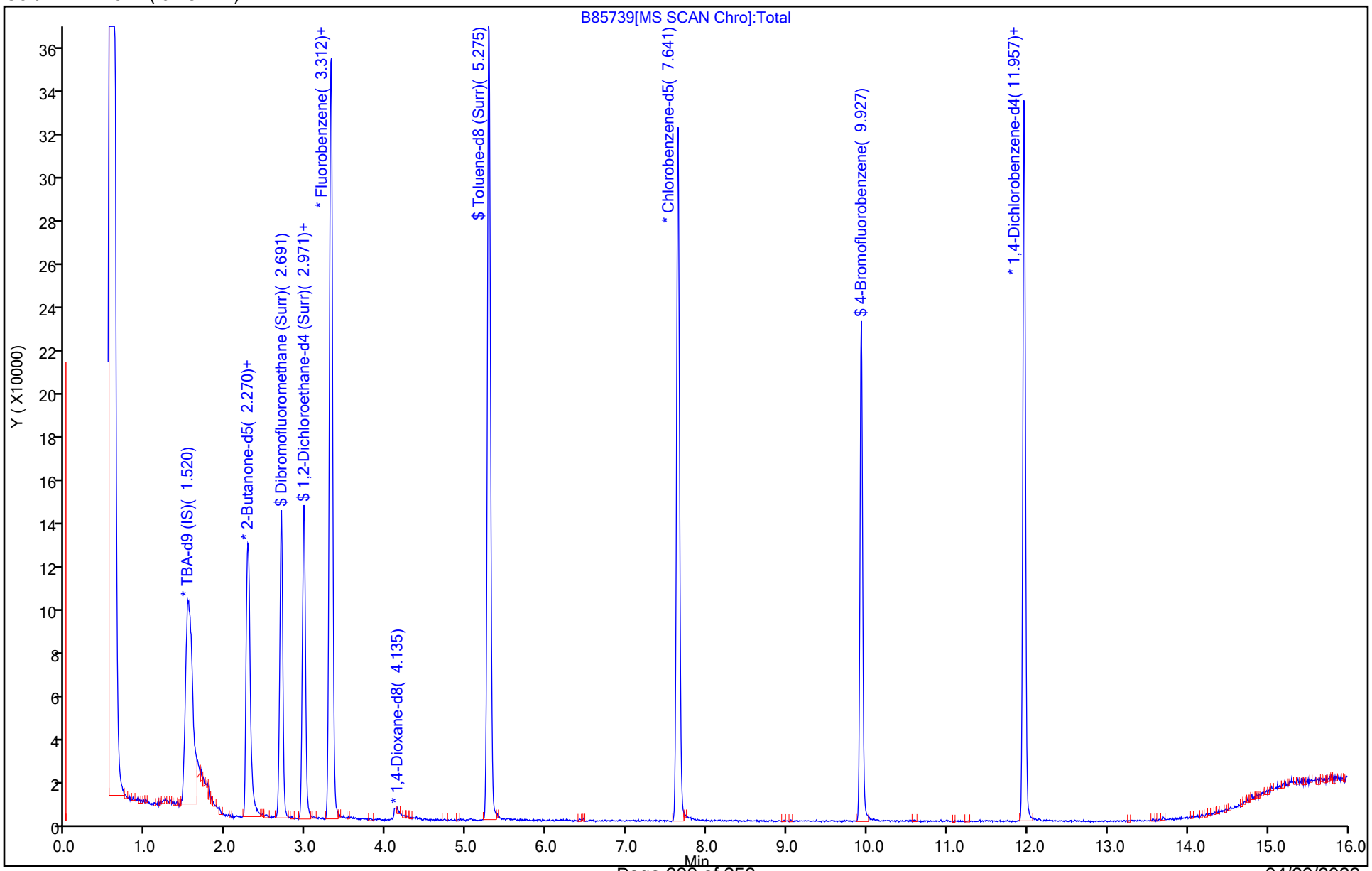
Lims ID: MB Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

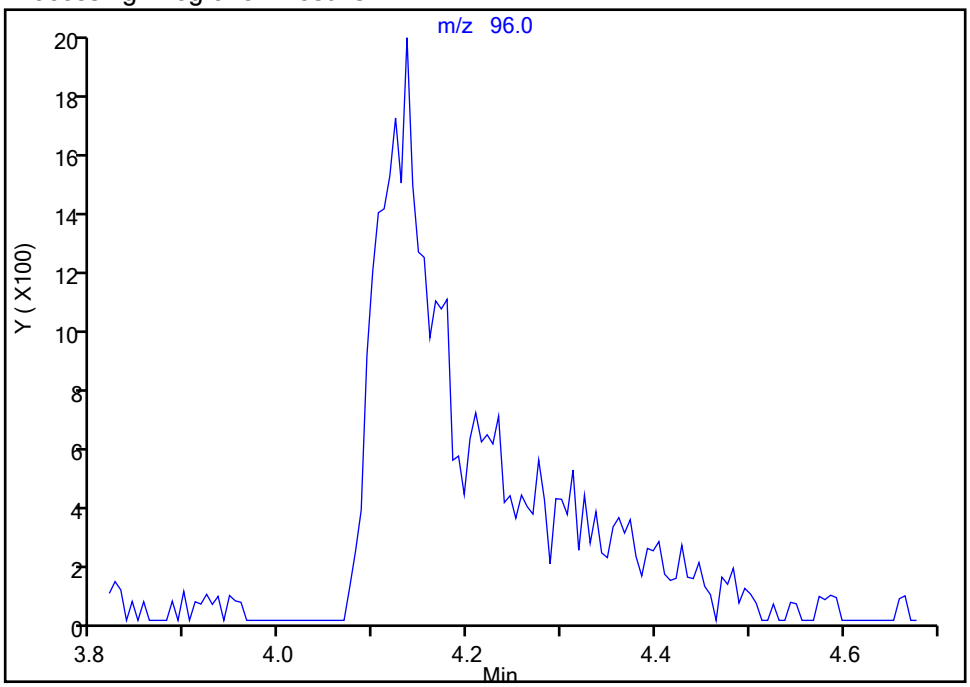
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85739.D
Injection Date: 14-Apr-2022 19:03:30 Instrument ID: CVOAMS2
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

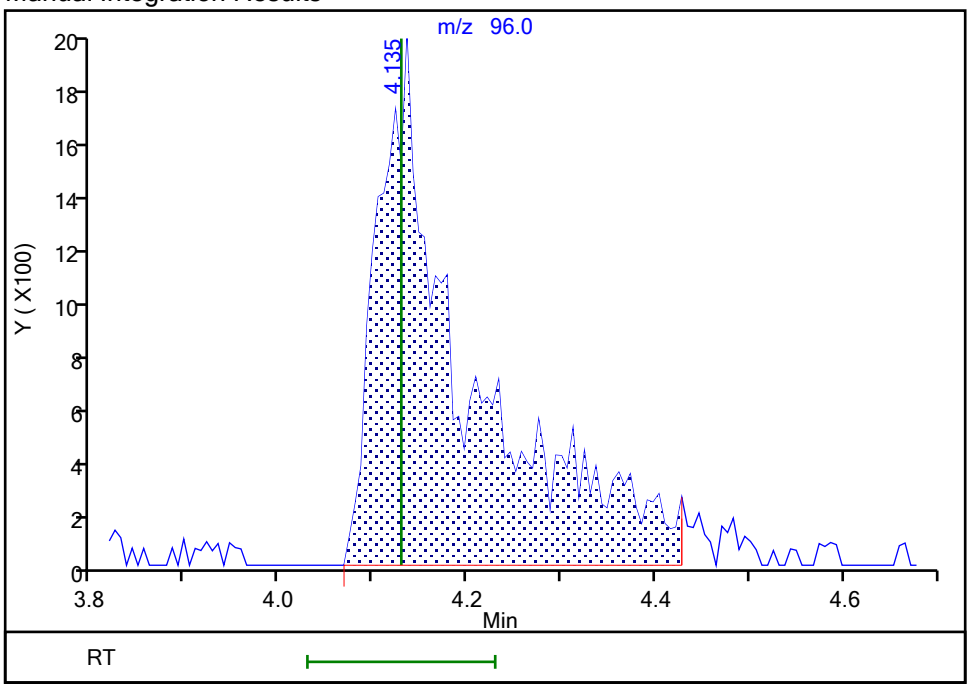
Not Detected
Expected RT: 4.13

Processing Integration Results



Manual Integration Results

RT: 4.14
Area: 13036
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 15-Apr-2022 08:40:09
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB3 460-839151/1-A

Matrix: Solid | Lab File ID: B85740.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 04/14/2022 19:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.23	U	1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.30	U	1.0	0.30
79-00-5	1,1,2-Trichloroethane	0.18	U	1.0	0.18
75-34-3	1,1-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.23	U	1.0	0.23
87-61-6	1,2,3-Trichlorobenzene	0.18	U	1.0	0.18
120-82-1	1,2,4-Trichlorobenzene	0.36	U	1.0	0.36
78-87-5	1,2-Dichloropropane	0.42	U	1.0	0.42
541-73-1	1,3-Dichlorobenzene	0.37	U	1.0	0.37
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
123-91-1	1,4-Dioxane	9.2	U	100	9.2
78-93-3	2-Butanone (MEK)	0.37	U	5.0	0.37
591-78-6	2-Hexanone	1.7	U	5.0	1.7
108-10-1	4-Methyl-2-pentanone (MIBK)	1.6	U	5.0	1.6
67-64-1	Acetone	8.35		6.0	5.7
71-43-2	Benzene	0.26	U	1.0	0.26
75-25-2	Bromoform	0.43	U	1.0	0.43
74-83-9	Bromomethane	1.0	U	2.0	1.0
75-15-0	Carbon disulfide	0.27	U	1.0	0.27
56-23-5	Carbon tetrachloride	0.39	U	1.0	0.39
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
74-97-5	Chlorobromomethane	0.28	U	1.0	0.28
124-48-1	Chlorodibromomethane	0.19	U	1.0	0.19
75-00-3	Chloroethane	0.52	U	1.0	0.52
67-66-3	Chloroform	0.97	U	1.0	0.97
74-87-3	Chloromethane	0.44	U	1.0	0.44
156-59-2	cis-1,2-Dichloroethene	0.36	U	1.0	0.36
10061-01-5	cis-1,3-Dichloropropene	0.27	U	1.0	0.27
110-82-7	Cyclohexane	0.22	U	1.0	0.22
75-27-4	Dichlorobromomethane	0.26	U	1.0	0.26
75-71-8	Dichlorodifluoromethane	0.34	U	1.0	0.34
100-41-4	Ethylbenzene	0.20	U	1.0	0.20
106-93-4	Ethylene Dibromide	0.18	U	1.0	0.18
98-82-8	Isopropylbenzene	0.29	U	1.0	0.29
79-20-9	Methyl acetate	4.3	U	5.0	4.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB3 460-839151/1-A

Matrix: Solid | Lab File ID: B85740.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 04/14/2022 19:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	0.51	U	1.0	0.51
108-87-2	Methylcyclohexane	0.50	U	1.0	0.50
75-09-2	Methylene Chloride	1.1	U	2.0	1.1
179601-23-1	m-Xylene & p-Xylene	0.17	U	1.0	0.17
95-47-6	o-Xylene	0.19	U	1.0	0.19
100-42-5	Styrene	0.28	U	1.0	0.28
127-18-4	Tetrachloroethene	0.31	U	1.0	0.31
108-88-3	Toluene	0.23	U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	0.25	U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	0.27	U	1.0	0.27
79-01-6	Trichloroethene	0.32	U	1.0	0.32
75-69-4	Trichlorofluoromethane	0.41	U	1.0	0.41
75-01-4	Vinyl chloride	0.55	U	1.0	0.55
107-06-2	1,2-Dichloroethane	0.30	U	1.0	0.30
95-50-1	1,2-Dichlorobenzene	0.36	U	1.0	0.36
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1.0	0.46

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		72-145
460-00-4	4-Bromofluorobenzene	102		75-139
1868-53-7	Dibromofluoromethane (Surr)	115		73-139
2037-26-5	Toluene-d8 (Surr)	116		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85740.D
Lims ID: LB3 460-839151/1-A
Client ID:
Sample Type: LB3
Inject. Date: 14-Apr-2022 19:26:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-839151/1-A
Misc. Info.: 460-0144034-010
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Apr-2022 08:40:21 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1617

First Level Reviewer: parekhv Date: 14-Apr-2022 19:45:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
21 Acetone	43	1.258	1.258	0.000	0	5609		8.35	
* 29 TBA-d9 (IS)	65	1.551	1.544	0.006	0	279623	1000.0	1000.0	
* 40 2-Butanone-d5	46	2.288	2.282	0.006	0	250599	250.0	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.703	2.691	0.012	0	116346	50.0	57.7	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.983	2.977	0.006	0	142797	50.0	59.7	
* 60 Fluorobenzene	96	3.318	3.312	0.006	0	409695	50.0	50.0	
* 69 1,4-Dioxane-d8	96	4.111	4.129	-0.018	0	9119	1000.0	1000.0	
$ 79 Toluene-d8 (Surr)	98	5.281	5.282	-0.001	0	379589	50.0	58.0	
* 91 Chlorobenzene-d5	117	7.641	7.641	0.000	0	225669	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	9.927	9.927	0.000	0	80310	50.0	51.1	
* 117 1,4-Dichlorobenzene-d4	152	11.963	11.963	0.000	0	111619	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00227 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 15-Apr-2022 08:50:40 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85740.D

Injection Date: 14-Apr-2022 19:26:30 Instrument ID: CVOAMS2 Operator ID:

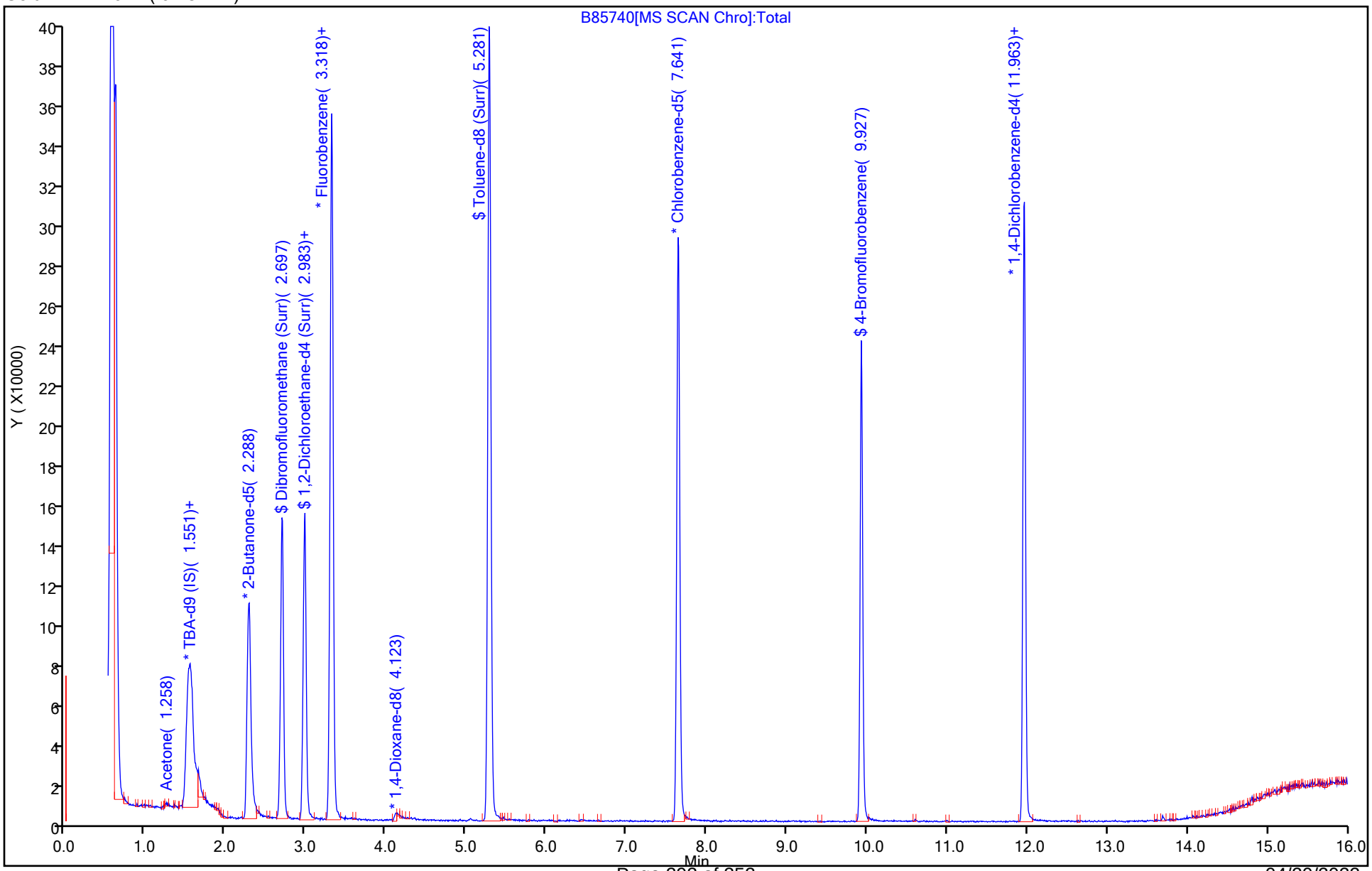
Lims ID: LB3 460-839151/1-A Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

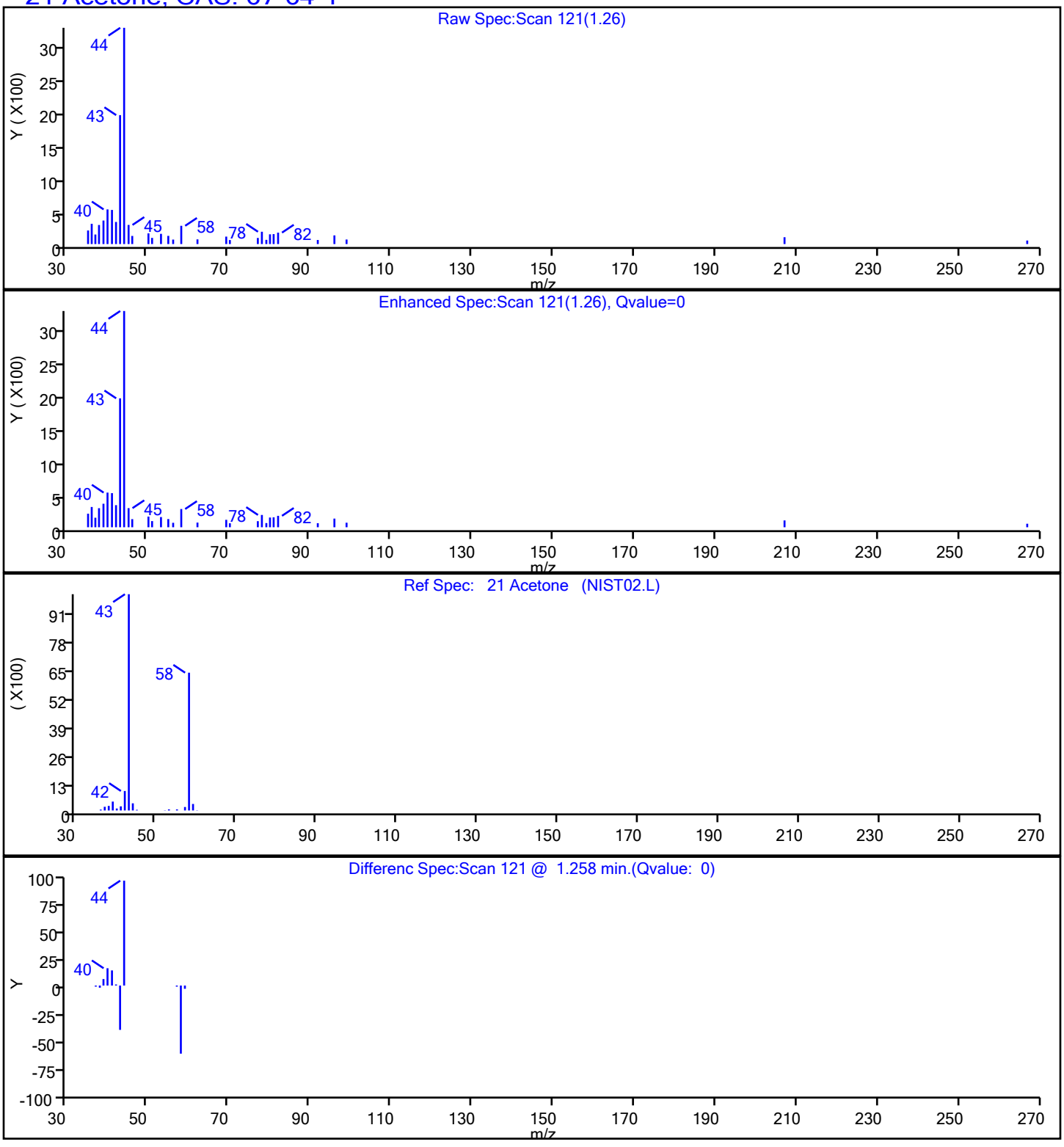
Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85740.D
Injection Date: 14-Apr-2022 19:26:30 Instrument ID: CVOAMS2
Lims ID: LB3 460-839151/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

21 Acetone, CAS: 67-64-1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-839065/4

Matrix: Water | Lab File ID: N48062.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/14/2022 07:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 839065 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.0		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	23.8		1.0	0.31
79-00-5	1,1,2-Trichloroethane	19.7		1.0	0.20
75-34-3	1,1-Dichloroethane	21.0		1.0	0.26
75-35-4	1,1-Dichloroethene	23.2		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	22.3		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	21.5		1.0	0.37
78-87-5	1,2-Dichloropropane	19.5		1.0	0.35
541-73-1	1,3-Dichlorobenzene	20.6		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.2		1.0	0.33
123-91-1	1,4-Dioxane	369		50	28
78-93-3	2-Butanone (MEK)	111		5.0	1.9
591-78-6	2-Hexanone	107		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	102		5.0	1.3
67-64-1	Acetone	113		5.0	4.4
71-43-2	Benzene	19.6		1.0	0.20
75-25-2	Bromoform	18.0		1.0	0.54
74-83-9	Bromomethane	21.3		1.0	0.55
75-15-0	Carbon disulfide	22.8		1.0	0.82
56-23-5	Carbon tetrachloride	22.4		1.0	0.21
108-90-7	Chlorobenzene	20.3		1.0	0.38
74-97-5	Chlorobromomethane	21.5		1.0	0.41
124-48-1	Chlorodibromomethane	19.4		1.0	0.28
75-00-3	Chloroethane	20.3		1.0	0.32
67-66-3	Chloroform	22.0		1.0	0.33
74-87-3	Chloromethane	18.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	22.0		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.7		1.0	0.22
110-82-7	Cyclohexane	23.3		1.0	0.32
75-27-4	Dichlorobromomethane	21.0		1.0	0.34
75-71-8	Dichlorodifluoromethane	19.2		1.0	0.31
100-41-4	Ethylbenzene	20.4		1.0	0.30
106-93-4	Ethylene Dibromide	20.3		1.0	0.50
98-82-8	Isopropylbenzene	20.9		1.0	0.34
79-20-9	Methyl acetate	43.4		5.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-839065/4

Matrix: Water | Lab File ID: N48062.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/14/2022 07:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 839065 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	20.7		1.0	0.22
108-87-2	Methylcyclohexane	25.7		1.0	0.71
75-09-2	Methylene Chloride	21.6		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	20.6		1.0	0.30
95-47-6	o-Xylene	20.6		1.0	0.36
100-42-5	Styrene	18.5		1.0	0.42
127-18-4	Tetrachloroethene	19.8		1.0	0.25
108-88-3	Toluene	20.1		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	22.6		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.4		1.0	0.22
79-01-6	Trichloroethene	21.8		1.0	0.31
75-69-4	Trichlorofluoromethane	20.3		1.0	0.32
75-01-4	Vinyl chloride	17.9		1.0	0.17
107-06-2	1,2-Dichloroethane	19.9		1.0	0.43
95-50-1	1,2-Dichlorobenzene	20.7		1.0	0.21
96-12-8	1,2-Dibromo-3-Chloropropane	18.1		1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-128
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	110		77-124
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220414-144005.b\N48062.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 14-Apr-2022 07:46:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0144005-004
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220414-144005.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2022 08:23:07 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1618

First Level Reviewer: moroneyc Date: 14-Apr-2022 08:23:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	1.316	1.316	0.000	73	40034	20.0	28.0	
5 Dichlorodifluoromethane	85	1.353	1.347	0.006	0	82964	20.0	19.2	
6 Chlorodifluoromethane	51	1.365	1.365	0.000	0	69824	20.0	20.8	
7 Chloromethane	52	1.456	1.462	-0.006	0	15543	20.0	18.8	
8 Vinyl chloride	62	1.578	1.572	0.006	0	64511	20.0	17.9	
9 Butadiene	54	1.578	1.578	0.000	0	41617	20.0	18.4	
10 Bromomethane	94	1.827	1.821	0.006	0	59376	20.0	21.3	
11 Chloroethane	64	1.906	1.906	0.000	0	38672	20.0	20.3	
13 Trichlorofluoromethane	101	2.089	2.083	0.006	0	99553	20.0	20.3	
12 Dichlorofluoromethane	67	2.083	2.089	-0.006	0	114988	20.0	20.4	
14 Pentane	72	2.107	2.113	-0.006	0	14421	40.0	43.2	
15 Ethanol	46	2.302	2.271	0.031	0	7495	800.0	644.8	
16 Ethyl ether	74	2.290	2.290	0.000	0	38620	20.0	22.4	
17 2-Methyl-1,3-butadiene	53	2.314	2.308	0.006	0	40357	20.0	22.8	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	2.344	2.338	0.006	0	78904	20.0	25.4	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.393	2.393	0.000	93	100535	20.0	24.5	a
20 Acrolein	56	2.460	2.454	0.006	0	12147	40.6	39.9	
21 112TCTFE	101	2.472	2.466	0.006	0	53456	20.0	23.8	
22 1,1-Dichloroethene	96	2.484	2.484	0.000	0	73546	20.0	23.2	
23 Acetone	58	2.563	2.563	0.000	0	27220	100.0	113.2	
24 Iodomethane	142	2.630	2.624	0.006	0	148063	20.0	22.2	
25 Isopropyl alcohol	45	2.655	2.649	0.006	0	27712	200.0	182.2	
26 Carbon disulfide	76	2.661	2.661	0.000	0	230237	20.0	22.8	
27 3-Chloro-1-propene	76	2.788	2.776	0.012	0	59693	20.0	27.0	
28 Methyl acetate	74	2.795	2.782	0.013	0	24963	40.0	43.4	
29 Cyclopentene	67	2.801	2.801	0.000	0	140266	20.0	23.1	
30 Acetonitrile	41	2.843	2.837	0.006	0	56568	200.0	168.1	
* 31 TBA-d9 (IS)	66	2.892	2.898	-0.006	0	43823	1000.0	1000.0	
32 Methylene Chloride	84	2.904	2.898	0.006	0	79038	20.0	21.6	
33 2-Methyl-2-propanol	59	2.959	2.959	0.000	0	61353	200.0	202.2	
34 Methyl tert-butyl ether	73	3.056	3.056	0.000	0	159848	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 trans-1,2-Dichloroethene	96	3.081	3.074	0.006	0	83955	20.0	22.6	
36 Acrylonitrile	53	3.147	3.141	0.006	0	203984	200.0	186.9	
37 Hexane	56	3.233	3.220	0.013	0	22521	20.0	24.0	
38 Isopropyl ether	45	3.427	3.427	0.000	0	127627	20.0	17.7	
39 1,1-Dichloroethane	63	3.458	3.458	0.000	0	108969	20.0	21.0	
40 Vinyl acetate	86	3.470	3.464	0.006	0	26026	40.0	42.8	
41 2-Chloro-1,3-butadiene	88	3.500	3.494	0.006	0	65035	20.0	22.0	
42 Tert-butyl ethyl ether	59	3.731	3.725	0.006	0	146020	20.0	20.5	
* 43 2-Butanone-d5	46	3.914	3.914	0.000	0	208012	250.0	250.0	
44 2,2-Dichloropropane	79	3.938	3.926	0.012	57	30263	20.0	22.2	a
45 cis-1,2-Dichloroethene	96	3.957	3.951	0.007	0	88096	20.0	22.0	
47 Ethyl acetate	70	3.969	3.963	0.006	0	13824	40.0	44.4	
46 2-Butanone (MEK)	72	3.969	3.969	0.000	0	39714	100.0	111.2	
48 Methyl acrylate	55	4.023	4.024	-0.001	0	42723	20.0	18.8	
49 Propionitrile	54	4.096	4.090	0.006	0	77885	200.0	183.3	
50 Tetrahydrofuran	72	4.163	4.163	0.000	0	18420	40.0	48.2	
51 Chlorobromomethane	128	4.169	4.170	-0.001	0	49955	20.0	21.5	
52 Methacrylonitrile	67	4.194	4.194	0.000	0	258102	200.0	201.7	
53 Chloroform	83	4.224	4.218	0.006	0	127946	20.0	22.0	
55 1,1,1-Trichloroethane	97	4.364	4.352	0.012	0	107796	20.0	22.1	
54 Cyclohexane	84	4.352	4.352	0.000	0	80206	20.0	23.3	
$ 56 Dibromofluoromethane (Surr)	113	4.376	4.370	0.006	0	188153	50.0	55.1	
57 Carbon tetrachloride	117	4.480	4.468	0.012	0	95985	20.0	22.4	
58 1,1-Dichloropropene	75	4.504	4.498	0.006	0	88329	20.0	21.8	
59 Isobutyl alcohol	43	4.626	4.626	0.000	0	49870	500.0	395.3	
60 Isooctane	57	4.662	4.668	-0.006	92	73577	20.0	26.8	a
61 Benzene	78	4.693	4.693	0.000	0	266751	20.0	19.6	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.711	4.711	0.000	0	163441	50.0	51.9	
64 Isopropyl acetate	43	4.753	4.754	-0.001	0	117662	20.0	18.7	
63 Tert-amyl methyl ether	73	4.760	4.766	-0.006	0	178286	20.0	21.3	
65 1,2-Dichloroethane	62	4.784	4.784	0.000	0	81719	20.0	19.9	
66 n-Heptane	57	4.845	4.845	0.000	0	19903	20.0	25.5	
* 67 Fluorobenzene	96	4.979	4.973	0.006	0	573725	50.0	50.0	
68 n-Butanol	56	5.289	5.277	0.012	0	27587	500.0	342.3	
69 Trichloroethene	95	5.319	5.313	0.006	0	74940	20.0	21.8	
71 Methylcyclohexane	83	5.441	5.441	0.000	0	73267	20.0	25.7	
70 Ethyl acrylate	99	5.441	5.447	-0.006	0	9693	20.0	20.8	
72 1,2-Dichloropropane	63	5.599	5.599	0.000	0	54807	20.0	19.5	
* 73 1,4-Dioxane-d8	96	5.660	5.648	0.012	0	38057	1000.0	1000.0	
74 Methyl methacrylate	100	5.678	5.678	0.000	0	37332	40.0	40.1	
75 1,4-Dioxane	88	5.709	5.709	0.000	0	18321	400.0	369.0	
76 Dibromomethane	93	5.727	5.727	0.000	0	50140	20.0	21.9	
77 n-Propyl acetate	43	5.739	5.739	0.000	0	56480	20.0	16.7	
78 Dichlorobromomethane	83	5.879	5.873	0.006	0	88724	20.0	21.0	
79 2-Nitropropane	41	6.207	6.201	0.006	0	21548	40.0	31.7	
80 2-Chloroethyl vinyl ether	63	6.214	6.214	0.000	0	22768	20.0	17.3	
81 Epichlorohydrin	57	6.317	6.311	0.006	0	101305	400.0	433.5	
82 cis-1,3-Dichloropropene	75	6.366	6.366	0.000	0	102703	20.0	19.7	
83 4-Methyl-2-pentanone (MIBK)	43	6.536	6.530	0.006	0	197020	100.0	101.6	
$ 84 Toluene-d8 (Surr)	98	6.609	6.603	0.006	0	653004	50.0	51.6	
85 Toluene	91	6.682	6.682	0.000	0	291457	20.0	20.1	
86 trans-1,3-Dichloropropene	75	7.029	7.029	0.000	0	90350	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 Ethyl methacrylate	69	7.065	7.065	0.000	0	62136	20.0	18.3	
88 1,1,2-Trichloroethane	83	7.242	7.242	0.000	0	51783	20.0	19.7	
89 Tetrachloroethene	166	7.278	7.272	0.006	0	66578	20.0	19.8	
90 1,3-Dichloropropane	76	7.449	7.442	0.007	0	93160	20.0	19.2	
91 2-Hexanone	58	7.515	7.515	0.000	0	90740	100.0	106.8	
92 n-Butyl acetate	43	7.631	7.637	-0.006	0	57017	20.0	16.4	
93 Chlorodibromomethane	129	7.668	7.674	-0.006	0	73344	20.0	19.4	
94 Ethylene Dibromide	107	7.826	7.820	0.006	0	71165	20.0	20.3	
* 95 Chlorobenzene-d5	117	8.361	8.361	0.000	0	508928	50.0	50.0	
96 Chlorobenzene	112	8.398	8.398	0.000	0	205303	20.0	20.3	
97 Ethylbenzene	106	8.507	8.507	0.000	0	99972	20.0	20.4	
98 1,1,1,2-Tetrachloroethane	131	8.525	8.519	0.006	0	77126	20.0	19.4	
99 m-Xylene & p-Xylene	106	8.665	8.659	0.006	0	119352	20.0	20.6	
100 o-Xylene	106	9.182	9.182	0.000	0	124582	20.0	20.6	
101 n-Butyl acrylate	73	9.182	9.182	0.000	0	39370	20.0	17.4	
102 Styrene	104	9.219	9.219	0.000	0	187940	20.0	18.5	
104 Bromoform	173	9.462	9.456	0.006	0	42421	20.0	18.0	
103 Amyl acetate (mixed isomers)	43	9.462	9.462	0.000	0	64608	20.0	15.9	
105 Isopropylbenzene	105	9.614	9.614	0.000	0	285552	20.0	20.9	
$ 106 4-Bromofluorobenzene	174	9.839	9.833	0.006	0	179287	50.0	48.6	
107 Bromobenzene	156	9.979	9.979	0.000	0	82226	20.0	19.5	
108 1,1,2,2-Tetrachloroethane	83	10.046	10.046	0.000	0	82883	20.0	19.0	
109 N-Propylbenzene	91	10.071	10.071	0.000	0	288428	20.0	21.4	
110 1,2,3-Trichloropropane	110	10.095	10.089	0.006	0	28661	20.0	20.5	
111 trans-1,4-Dichloro-2-butene	53	10.119	10.119	0.000	90	13563	20.0	16.1	a
112 2-Chlorotoluene	91	10.180	10.180	0.000	0	226216	20.0	20.9	
113 4-Ethyltoluene	105	10.198	10.198	0.000	0	261458	20.0	21.2	
114 1,3,5-Trimethylbenzene	105	10.271	10.271	0.000	0	220713	20.0	21.4	
115 4-Chlorotoluene	91	10.302	10.302	0.000	0	215145	20.0	21.2	
116 Butyl Methacrylate	87	10.393	10.393	0.000	0	54487	20.0	12.8	
117 tert-Butylbenzene	119	10.582	10.576	0.006	0	170943	20.0	21.7	
118 1,2,4-Trimethylbenzene	105	10.642	10.642	0.000	0	235606	20.0	21.3	
119 sec-Butylbenzene	105	10.794	10.795	-0.001	0	230350	20.0	21.6	
120 1,3-Dichlorobenzene	146	10.922	10.922	0.000	0	151191	20.0	20.6	
121 4-Isopropyltoluene	119	10.934	10.934	0.000	0	203214	20.0	21.8	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	0	279887	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.020	11.014	0.006	0	156690	20.0	20.2	
124 1,2,3-Trimethylbenzene	105	11.044	11.044	0.000	0	264665	20.0	20.2	
125 Benzyl chloride	126	11.159	11.160	-0.001	0	38384	20.0	19.9	
126 2,3-Dihydroindene	117	11.220	11.220	0.000	0	283423	20.0	20.7	
127 p-Diethylbenzene	119	11.281	11.281	0.000	0	106395	20.0	21.2	
128 n-Butylbenzene	92	11.306	11.306	0.000	0	96610	20.0	22.5	
129 1,2-Dichlorobenzene	146	11.354	11.354	0.000	0	160068	20.0	20.7	
130 1,2,4,5-Tetramethylbenzene	119	11.950	11.950	0.000	0	187130	20.0	20.6	
131 1,2-Dibromo-3-Chloropropane	157	12.036	12.036	0.000	0	21096	20.0	18.1	
132 1,3,5-Trichlorobenzene	180	12.151	12.151	0.000	0	77752	20.0	20.6	
133 1,2,4-Trichlorobenzene	180	12.650	12.650	0.000	0	75751	20.0	21.5	
134 Hexachlorobutadiene	225	12.735	12.735	0.000	0	21100	20.0	22.5	
135 Naphthalene	128	12.839	12.839	0.000	0	261521	20.0	21.6	
136 1,2,3-Trichlorobenzene	180	13.021	13.021	0.000	0	65405	20.0	22.3	
S 137 1,2-Dichloroethene, Total	100				0		40.0	44.7	
S 138 Xylenes, Total	100				0		40.0	41.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		100.0	101.2	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

GASES Li_00471	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00152	Amount Added:	20.00	Units: uL	
524freon_00050	Amount Added:	20.00	Units: uL	
ACROLEIN W_00138	Amount Added:	4.00	Units: uL	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00226	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Apr-2022 08:23:25 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220414-144005.b\N48062.D

Injection Date: 14-Apr-2022 07:46:30 Instrument ID: CVOAMS11 Operator ID:

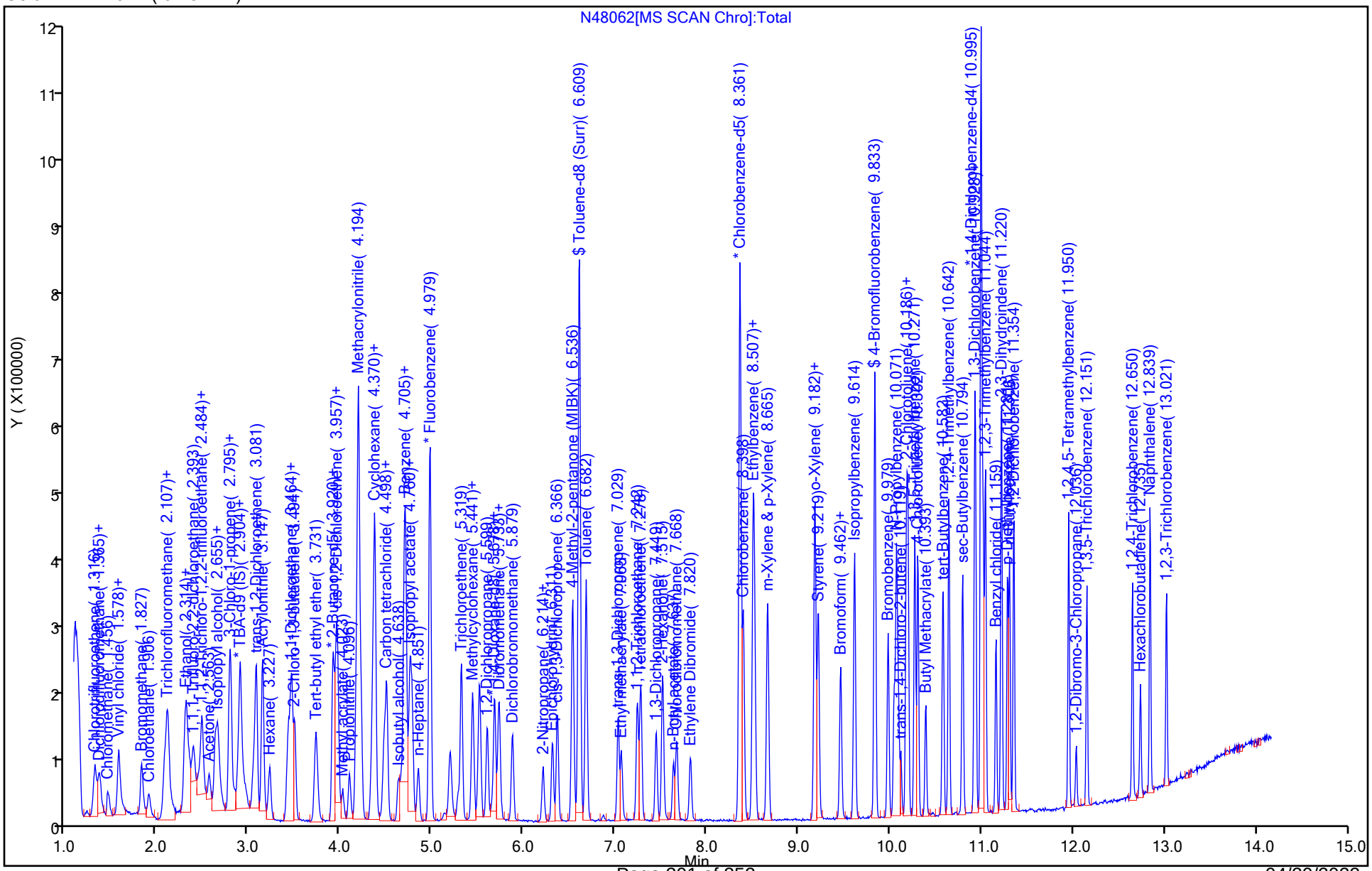
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-839189/4

Matrix: Solid | Lab File ID: B85734.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/14/2022 17:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.5		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	20.3		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	22.9		1.0	0.30
79-00-5	1,1,2-Trichloroethane	20.8		1.0	0.18
75-34-3	1,1-Dichloroethane	21.4		1.0	0.21
75-35-4	1,1-Dichloroethene	22.3		1.0	0.23
87-61-6	1,2,3-Trichlorobenzene	20.6		1.0	0.18
120-82-1	1,2,4-Trichlorobenzene	19.9		1.0	0.36
78-87-5	1,2-Dichloropropane	21.3		1.0	0.42
541-73-1	1,3-Dichlorobenzene	20.1		1.0	0.37
106-46-7	1,4-Dichlorobenzene	19.7		1.0	0.23
123-91-1	1,4-Dioxane	429		100	9.2
78-93-3	2-Butanone (MEK)	83.7		5.0	0.37
591-78-6	2-Hexanone	89.5		5.0	1.7
108-10-1	4-Methyl-2-pentanone (MIBK)	92.2		5.0	1.6
67-64-1	Acetone	95.2		6.0	5.7
71-43-2	Benzene	20.8		1.0	0.26
75-25-2	Bromoform	16.9		1.0	0.43
74-83-9	Bromomethane	18.9		2.0	1.0
75-15-0	Carbon disulfide	22.9		1.0	0.27
56-23-5	Carbon tetrachloride	19.7		1.0	0.39
108-90-7	Chlorobenzene	19.8		1.0	0.18
74-97-5	Chlorobromomethane	18.6		1.0	0.28
124-48-1	Chlorodibromomethane	18.9		1.0	0.19
75-00-3	Chloroethane	20.7		1.0	0.52
67-66-3	Chloroform	20.2		1.0	0.97
74-87-3	Chloromethane	19.9		1.0	0.44
156-59-2	cis-1,2-Dichloroethene	19.9		1.0	0.36
10061-01-5	cis-1,3-Dichloropropene	20.9		1.0	0.27
110-82-7	Cyclohexane	20.0		1.0	0.22
75-27-4	Dichlorobromomethane	19.4		1.0	0.26
75-71-8	Dichlorodifluoromethane	19.1		1.0	0.34
100-41-4	Ethylbenzene	19.1		1.0	0.20
106-93-4	Ethylene Dibromide	20.0		1.0	0.18
98-82-8	Isopropylbenzene	17.3		1.0	0.29
79-20-9	Methyl acetate	41.4		5.0	4.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-839189/4

Matrix: Solid | Lab File ID: B85734.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/14/2022 17:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	20.5		1.0	0.51
108-87-2	Methylcyclohexane	18.6		1.0	0.50
75-09-2	Methylene Chloride	21.7		2.0	1.1
179601-23-1	m-Xylene & p-Xylene	19.1		1.0	0.17
95-47-6	o-Xylene	18.2		1.0	0.19
100-42-5	Styrene	18.0		1.0	0.28
127-18-4	Tetrachloroethene	19.5		1.0	0.31
108-88-3	Toluene	20.2		1.0	0.23
156-60-5	trans-1,2-Dichloroethene	20.8		1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	20.1		1.0	0.27
79-01-6	Trichloroethene	19.4		1.0	0.32
75-69-4	Trichlorofluoromethane	21.1		1.0	0.41
75-01-4	Vinyl chloride	19.8		1.0	0.55
107-06-2	1,2-Dichloroethane	21.3		1.0	0.30
95-50-1	1,2-Dichlorobenzene	19.9		1.0	0.36
96-12-8	1,2-Dibromo-3-Chloropropane	17.6		1.0	0.46

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		72-145
460-00-4	4-Bromofluorobenzene	98		75-139
1868-53-7	Dibromofluoromethane (Surr)	98		73-139
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85734.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 14-Apr-2022 17:12:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0144034-004
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Apr-2022 08:37:50 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1617

First Level Reviewer: parekhv Date: 14-Apr-2022 17:37:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.599	0.606	-0.007	35	6185	20.0	20.2	a
2 1,1-Difluoroethane	51	0.648	0.642	0.006	0	200822	20.0	25.6	
3 Dichlorodifluoromethane	85	0.654	0.642	0.012	0	96343	20.0	19.1	
4 Chlorodifluoromethane	67	0.654	0.648	0.006	0	18741	20.0	26.7	
5 Chloromethane	50	0.728	0.721	0.007	0	141392	20.0	19.9	
6 Butadiene	54	0.776	0.758	0.018	0	90332	20.0	20.4	
7 Vinyl chloride	62	0.770	0.770	0.000	0	94799	20.0	19.8	
8 Bromomethane	94	0.904	0.892	0.012	0	49995	20.0	18.9	
9 Chloroethane	64	0.923	0.917	0.006	0	51497	20.0	20.7	
10 Dichlorofluoromethane	67	1.020	1.008	0.012	0	137102	20.0	22.2	
12 Pentane	72	1.032	1.014	0.018	0	22825	40.0	44.3	
11 Trichlorofluoromethane	101	1.038	1.032	0.006	0	97871	20.0	21.1	
13 Ethyl ether	59	1.124	1.118	0.006	0	53136	20.0	24.1	
14 Ethanol	46	1.136	1.118	0.018	44	9098	800.0	703.7	M
15 2-Methyl-1,3-butadiene	53	1.130	1.124	0.006	97	65278	20.0	23.4	M
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.148	1.136	0.012	0	53803	20.0	20.8	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.166	1.167	0.000	87	102528	20.0	23.4	a
18 Acrolein	56	1.185	1.179	0.006	0	97964	304.2	372.7	
19 1,1-Dichloroethene	96	1.227	1.221	0.006	0	55173	20.0	22.3	
21 Acetone	43	1.264	1.258	0.006	0	100413	100.0	95.2	
20 112TCTFE	101	1.282	1.270	0.012	91	66277	20.0	22.9	a
22 Iodomethane	142	1.301	1.288	0.013	0	92233	20.0	20.8	
23 Carbon disulfide	76	1.331	1.325	0.006	0	239522	20.0	22.9	
24 Isopropyl alcohol	45	1.355	1.355	0.000	0	45388	200.0	164.4	
25 3-Chloro-1-propene	39	1.410	1.404	0.006	0	113164	20.0	25.1	
26 Methyl acetate	43	1.441	1.429	0.012	0	89871	40.0	41.4	
27 Acetonitrile	39	1.447	1.441	0.006	73	66573	200.0	308.0	a
28 Methylene Chloride	84	1.477	1.471	0.006	0	69318	20.0	21.7	
* 29 TBA-d9 (IS)	65	1.557	1.544	0.013	0	376547	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.593	1.605	-0.012	38	67890	200.0	182.3	a
31 Acrylonitrile	53	1.624	1.612	0.012	0	237461	200.0	241.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.636	1.630	0.006	0	59638	20.0	20.8	
33 Methyl tert-butyl ether	73	1.654	1.654	0.000	0	163456	20.0	20.5	
34 Hexane	57	1.807	1.794	0.013	0	100037	20.0	21.0	
35 1,1-Dichloroethane	63	1.886	1.880	0.006	0	128651	20.0	21.4	
37 2-Chloro-1,3-butadiene	88	1.953	1.941	0.012	0	50557	20.0	19.2	
36 Vinyl acetate	86	1.947	1.941	0.006	0	15504	40.0	37.8	
38 Isopropyl ether	45	1.977	1.971	0.006	0	249889	20.0	22.1	
39 Tert-butyl ethyl ether	87	2.239	2.233	0.006	0	59850	20.0	18.6	
* 40 2-Butanone-d5	46	2.288	2.282	0.006	0	393565	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.300	2.294	0.006	0	58373	20.0	19.9	
42 2,2-Dichloropropane	79	2.306	2.294	0.012	0	32091	20.0	20.4	
43 2-Butanone (MEK)	72	2.337	2.325	0.012	0	27448	100.0	83.7	
44 Propionitrile	54	2.374	2.361	0.013	0	73010	200.0	173.1	
45 Ethyl acetate	70	2.404	2.386	0.018	0	9572	40.0	36.1	
62 Methyl acrylate	55	2.416	2.410	0.006	0	51433	20.0	18.4	
46 Chlorobromomethane	128	2.483	2.483	0.000	0	25327	20.0	18.6	
47 Methacrylonitrile	67	2.483	2.483	0.000	0	194200	200.0	192.8	
48 Tetrahydrofuran	72	2.532	2.520	0.012	0	10426	40.0	30.2	
49 Chloroform	83	2.569	2.563	0.006	0	101014	20.0	20.2	
$ 50 Dibromofluoromethane (Surr)	113	2.703	2.691	0.012	0	133796	50.0	48.8	
51 1,1,1-Trichloroethane	97	2.709	2.703	0.006	0	90030	20.0	20.5	
52 Cyclohexane	84	2.752	2.745	0.007	0	87890	20.0	20.0	
54 1,1-Dichloropropene	75	2.849	2.843	0.006	0	75699	20.0	20.1	
53 Carbon tetrachloride	117	2.849	2.843	0.006	0	72414	20.0	19.7	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.983	2.977	0.006	0	176325	50.0	54.3	
56 Benzene	78	3.026	3.020	0.006	0	217410	20.0	20.8	
57 1,2-Dichloroethane	62	3.056	3.050	0.006	0	77943	20.0	21.3	
58 Isobutyl alcohol	42	3.142	3.142	0.000	31	32936	500.0	381.5	a
59 Tert-amyl methyl ether	73	3.197	3.190	0.007	88	161909	20.0	18.3	a
73 Isopropyl acetate	43	3.209	3.203	0.006	88	220306	20.0	20.9	M
* 60 Fluorobenzene	96	3.318	3.312	0.006	0	556168	50.0	50.0	
61 n-Heptane	43	3.373	3.361	0.012	0	136487	20.0	23.7	
63 Trichloroethene	95	3.715	3.709	0.006	0	49779	20.0	19.4	
64 n-Butanol	43	3.892	3.904	-0.012	62	4952	500.0	166.9	M
65 Methylcyclohexane	83	3.916	3.916	0.000	0	94004	20.0	18.6	
66 Ethyl acrylate	55	3.928	3.928	0.000	0	145916	20.0	19.5	
67 1,2-Dichloropropane	63	3.952	3.953	-0.001	0	62022	20.0	21.3	
68 Dibromomethane	93	4.087	4.087	0.000	0	28811	20.0	19.7	
* 69 1,4-Dioxane-d8	96	4.129	4.129	0.000	0	19369	1000.0	1000.0	
70 1,4-Dioxane	88	4.178	4.166	0.012	78	8443	400.0	428.9	M
71 Methyl methacrylate	100	4.215	4.209	0.006	0	16899	40.0	33.7	
72 Dichlorobromomethane	83	4.324	4.324	0.000	0	64447	20.0	19.4	
81 n-Propyl acetate	43	4.337	4.337	0.000	63	65650	20.0	20.0	M
74 2-Nitropropane	41	4.635	4.635	0.000	0	24946	40.0	43.2	
75 2-Chloroethyl vinyl ether	63	4.812	4.806	0.006	0	11919	20.0	17.5	
76 Epichlorohydrin	57	4.843	4.830	0.013	0	76328	400.0	325.3	
77 cis-1,3-Dichloropropene	75	4.934	4.934	0.000	0	74359	20.0	20.9	
78 4-Methyl-2-pentanone (MIBK)	43	5.233	5.227	0.006	98	254566	100.0	92.2	a
$ 79 Toluene-d8 (Surr)	98	5.288	5.282	0.006	0	502764	50.0	51.1	
80 Toluene	91	5.379	5.379	0.000	0	204481	20.0	20.2	
82 trans-1,3-Dichloropropene	75	5.806	5.800	0.006	0	59386	20.0	20.1	
83 1,1,2-Trichloroethane	83	6.056	6.056	0.000	0	32576	20.0	20.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.086	6.080	0.006	72	39755	20.0	16.0	a
85 Tetrachloroethene	166	6.208	6.202	0.006	0	42767	20.0	19.5	
86 1,3-Dichloropropane	76	6.306	6.294	0.012	0	67686	20.0	20.7	
87 2-Hexanone	43	6.592	6.586	0.006	0	143394	100.0	89.5	
88 Chlorodibromomethane	129	6.653	6.647	0.006	0	35990	20.0	18.9	
89 Ethylene Dibromide	107	6.763	6.751	0.012	0	33980	20.0	20.0	
90 n-Butyl acetate	43	6.934	6.928	0.006	0	60879	20.0	19.5	
* 91 Chlorobenzene-d5	117	7.647	7.641	0.006	0	339708	50.0	50.0	
92 Chlorobenzene	112	7.690	7.690	0.000	0	115143	20.0	19.8	
93 1,1,1,2-Tetrachloroethane	131	7.909	7.909	0.000	0	38245	20.0	18.0	
94 Ethylbenzene	106	8.000	7.994	0.006	0	60152	20.0	19.1	
95 m-Xylene & p-Xylene	106	8.244	8.238	0.006	0	69811	20.0	19.1	
96 o-Xylene	106	8.976	8.976	0.000	0	67106	20.0	18.2	
97 Styrene	104	9.019	9.019	0.000	0	106513	20.0	18.0	
98 n-Butyl acrylate	73	9.220	9.220	0.000	0	21785	20.0	15.2	
99 Bromoform	173	9.262	9.256	0.006	0	19465	20.0	16.9	
101 Amyl acetate (mixed isomers)	43	9.707	9.701	0.006	0	57973	20.0	17.4	
102 Isopropylbenzene	105	9.726	9.720	0.006	0	188133	20.0	17.3	
$ 103 4-Bromofluorobenzene	174	9.927	9.927	0.000	0	116955	50.0	48.9	
104 Bromobenzene	156	10.104	10.104	0.000	0	42004	20.0	19.8	
105 1,2,3-Trichloropropane	110	10.323	10.323	0.000	0	11779	20.0	19.9	
106 1,1,2,2-Tetrachloroethane	83	10.348	10.348	0.000	0	45778	20.0	20.3	
107 trans-1,4-Dichloro-2-butene	53	10.451	10.451	0.000	0	14093	20.0	20.6	
108 N-Propylbenzene	120	10.476	10.476	0.000	0	49238	20.0	20.1	
109 2-Chlorotoluene	126	10.512	10.512	0.000	0	43790	20.0	20.0	
110 4-Ethyltoluene	105	10.701	10.701	0.000	0	174162	20.0	19.7	
111 4-Chlorotoluene	91	10.726	10.726	0.000	0	160280	20.0	20.6	
112 1,3,5-Trimethylbenzene	105	10.835	10.829	0.006	0	152215	20.0	19.7	
100 Butyl Methacrylate	87	11.219	11.213	0.006	0	31796	20.0	13.7	
113 tert-Butylbenzene	119	11.360	11.360	0.000	0	116711	20.0	19.2	
114 1,2,4-Trimethylbenzene	105	11.451	11.451	0.000	0	151265	20.0	19.7	
115 sec-Butylbenzene	105	11.750	11.750	0.000	0	192926	20.0	19.3	
116 1,3-Dichlorobenzene	146	11.817	11.817	0.000	0	85803	20.0	20.1	
* 117 1,4-Dichlorobenzene-d4	152	11.957	11.963	-0.006	0	170120	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.006	12.000	0.006	0	86529	20.0	19.7	
119 4-Isopropyltoluene	119	12.085	12.085	0.000	0	163929	20.0	19.4	
120 1,2,3-Trimethylbenzene	105	12.183	12.183	0.000	0	159079	20.0	19.3	
121 Benzyl chloride	126	12.329	12.335	-0.006	0	13102	20.0	18.1	
122 2,3-Dihydroindene	117	12.512	12.506	0.006	0	142537	20.0	17.3	
123 1,2-Dichlorobenzene	146	12.695	12.695	0.000	0	80682	20.0	19.9	
124 p-Diethylbenzene	119	12.829	12.829	0.000	0	80754	20.0	17.5	
125 n-Butylbenzene	92	12.853	12.853	0.000	0	96754	20.0	19.0	
126 1,2-Dibromo-3-Chloropropane	157	13.603	13.609	-0.006	0	7002	20.0	17.6	
127 1,2,4,5-Tetramethylbenzene	119	13.646	13.646	0.000	0	125400	20.0	19.0	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	0	64137	20.0	20.1	
129 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	0	55483	20.0	19.9	
130 Hexachlorobutadiene	225	14.383	14.383	0.000	0	28826	20.0	19.0	
131 Naphthalene	128	14.383	14.383	0.000	0	120284	20.0	19.0	
132 1,2,3-Trichlorobenzene	180	14.542	14.548	-0.006	0	56126	20.0	20.6	
S 133 1,2-Dichloroethene, Total	100				0		40.0	40.7	
S 134 1,3-Dichloropropene, Total	100				0		40.0	40.9	
S 135 Xylenes, Total	100				0		40.0	37.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	97.4	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524freon_00050	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00152	Amount Added:	2.00	Units: uL	
ACROLEIN W_00138	Amount Added:	3.00	Units: uL	
GASES Li_00471	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Apr-2022 08:37:51 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85734.D

Injection Date: 14-Apr-2022 17:12:30 Instrument ID: CVOAMS2 Operator ID:

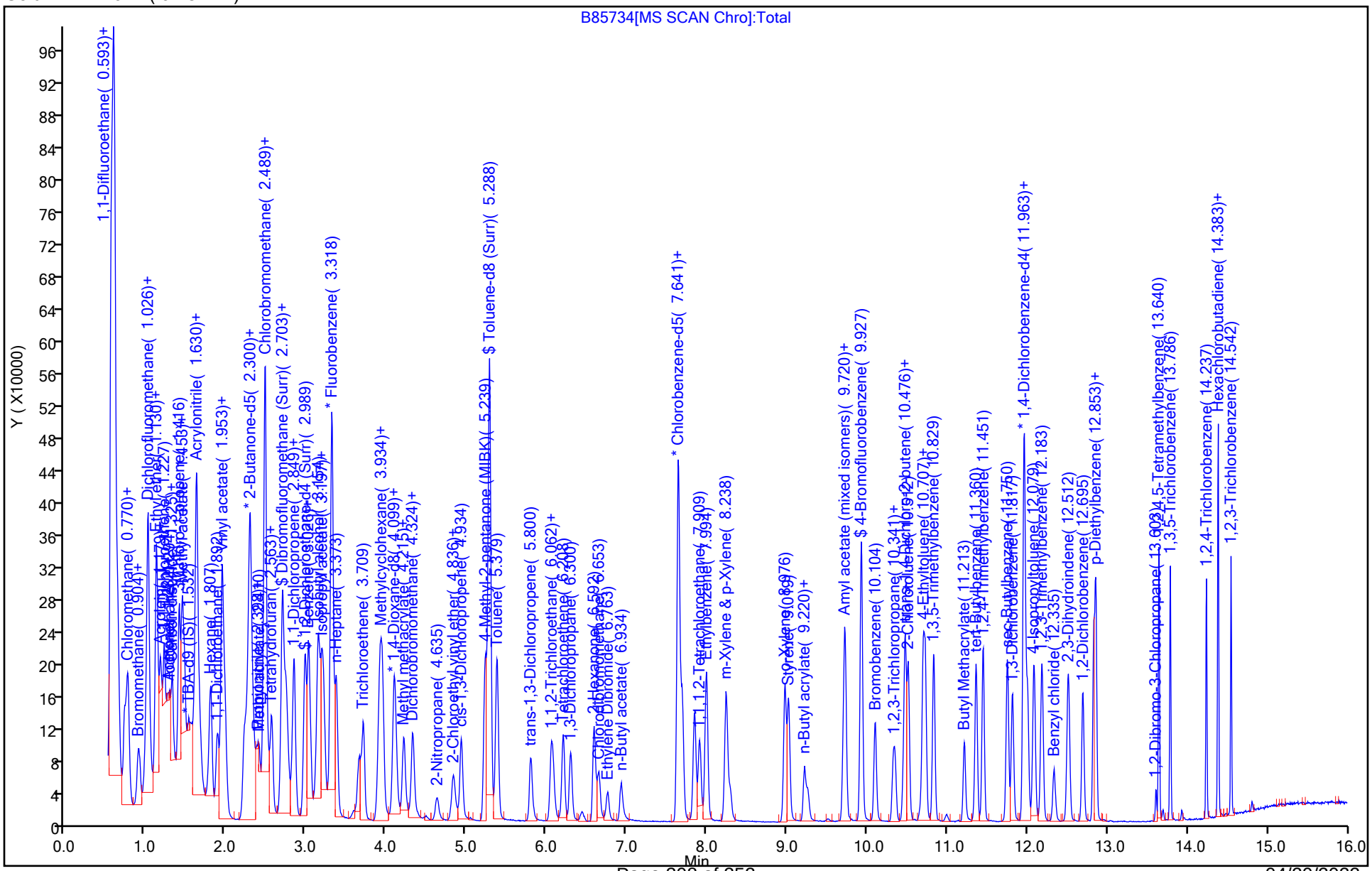
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

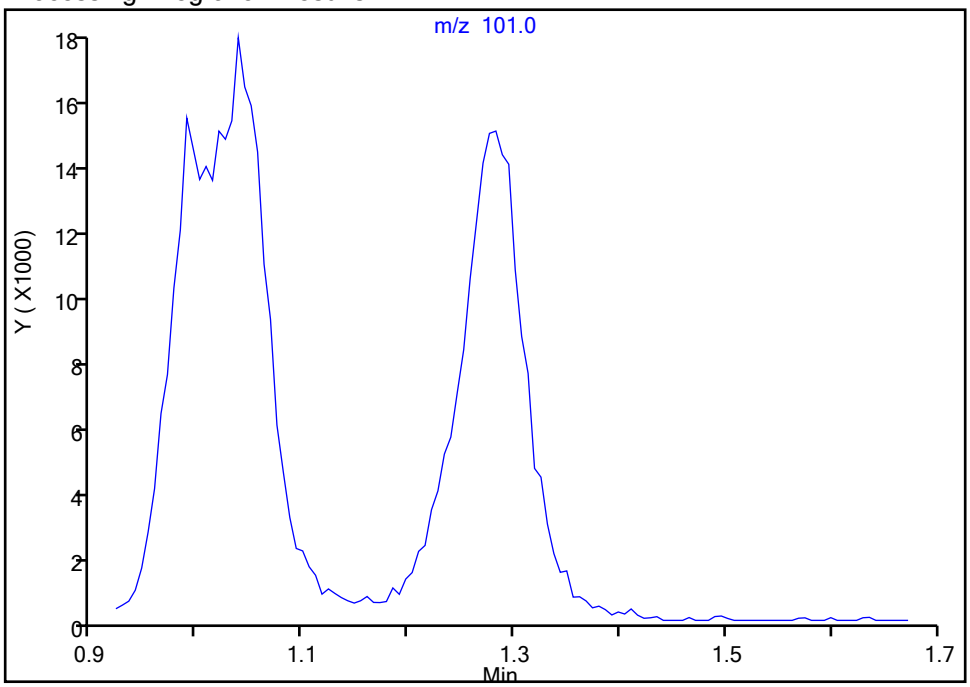
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85734.D
Injection Date: 14-Apr-2022 17:12:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

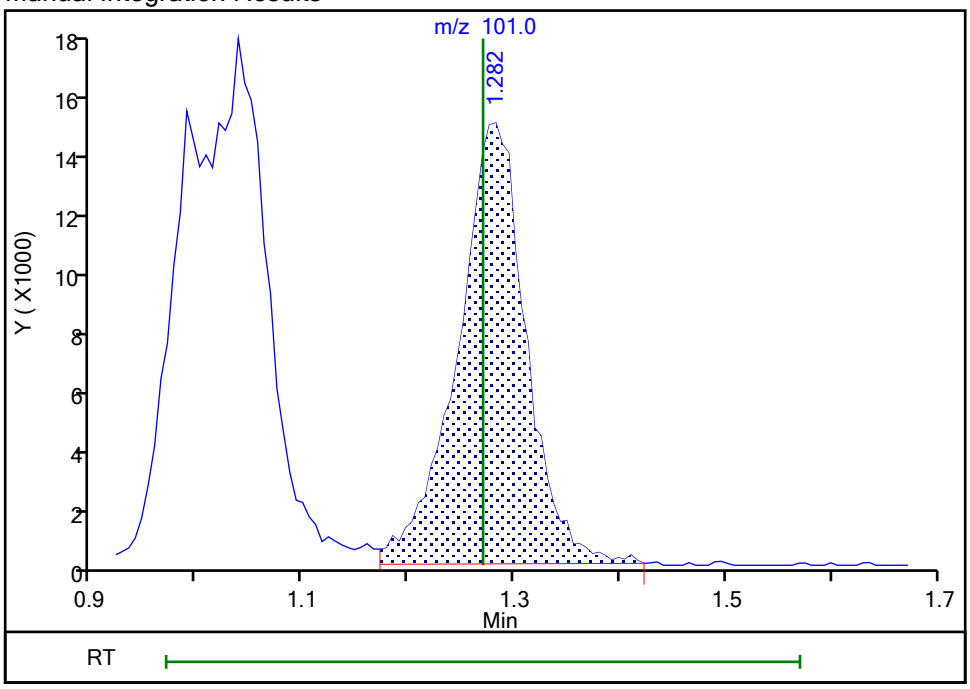
Not Detected
Expected RT: 1.27

Processing Integration Results



Manual Integration Results

RT: 1.28
Area: 66277
Amount: 22.866266
Amount Units: ug/l



Reviewer: parekhv, 14-Apr-2022 17:34:39
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

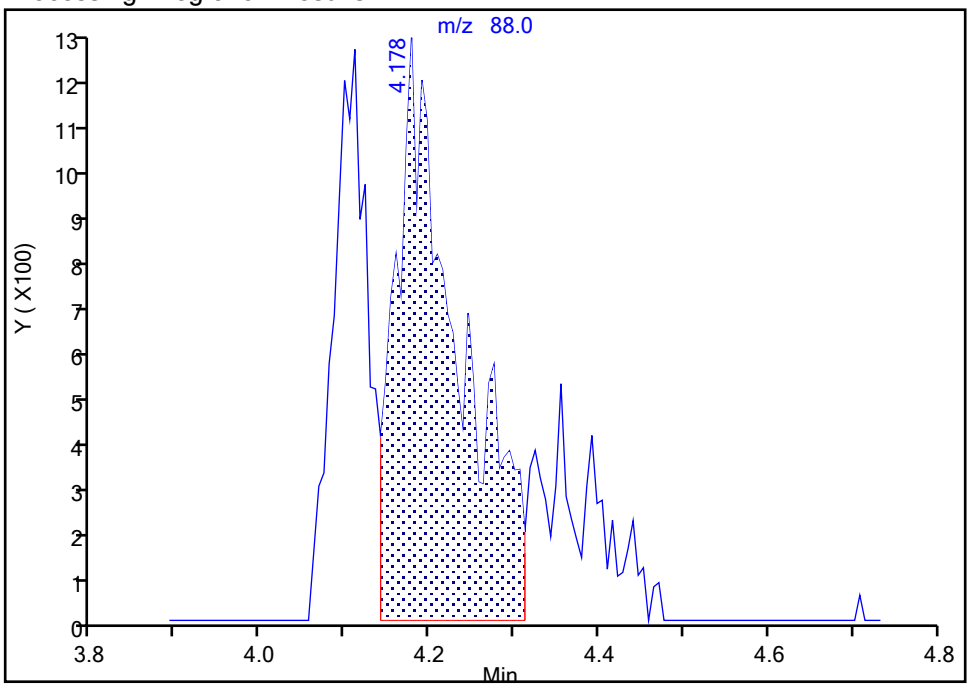
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85734.D
Injection Date: 14-Apr-2022 17:12:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

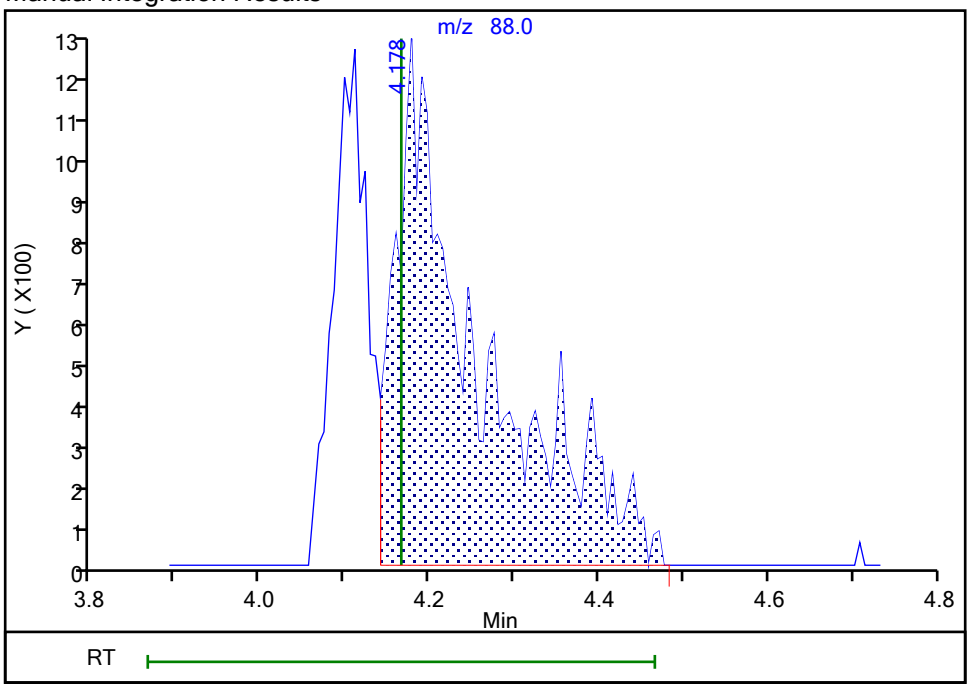
Processing Integration Results

RT: 4.18
Area: 6440
Amount: 329.2207
Amount Units: ug/l



Manual Integration Results

RT: 4.18
Area: 8443
Amount: 428.8547
Amount Units: ug/l



Reviewer: parekhv, 14-Apr-2022 20:47:25
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

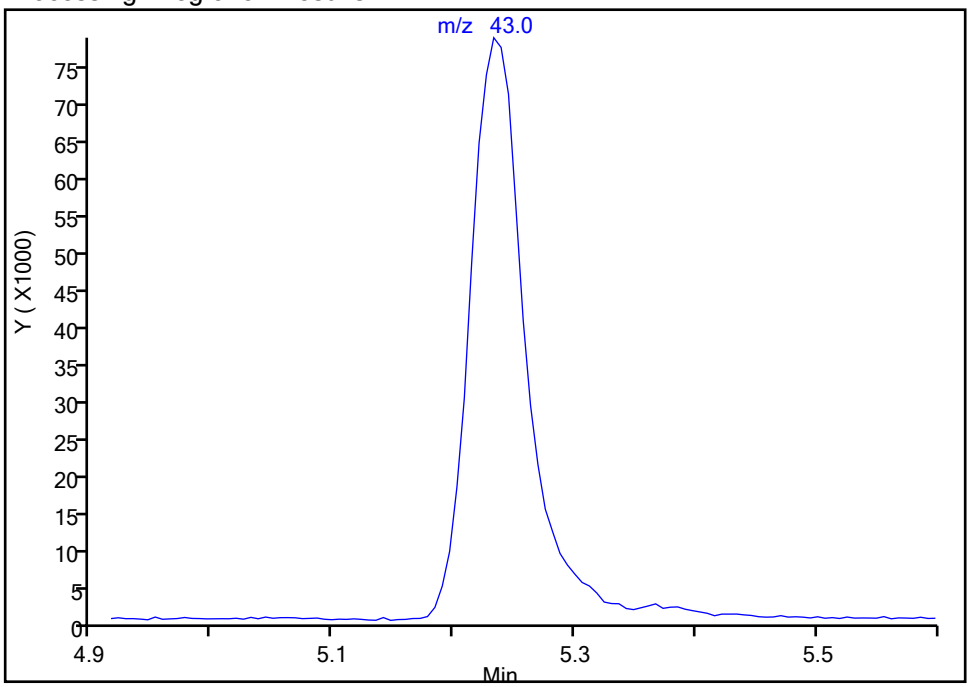
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85734.D
Injection Date: 14-Apr-2022 17:12:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

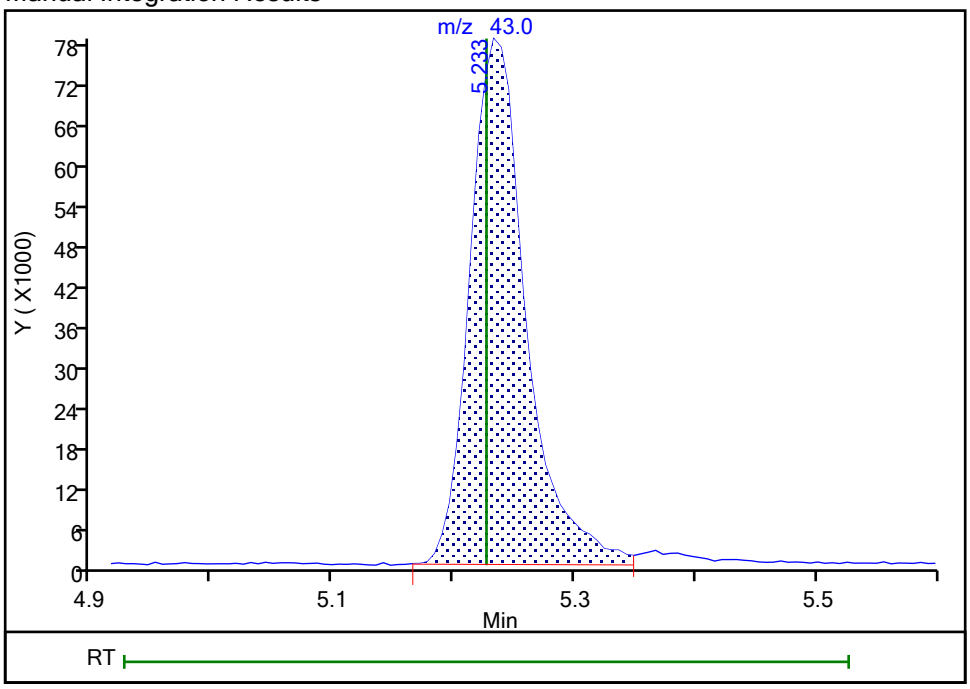
Not Detected
Expected RT: 5.23

Processing Integration Results



Manual Integration Results

RT: 5.23
Area: 254566
Amount: 92.248697
Amount Units: ug/l



Reviewer: parekhv, 14-Apr-2022 17:34:19
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-839065/5

Matrix: Water | Lab File ID: N48063.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/14/2022 08:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 839065 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.5		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	17.9		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	18.9		1.0	0.31
79-00-5	1,1,2-Trichloroethane	18.4		1.0	0.20
75-34-3	1,1-Dichloroethane	20.0		1.0	0.26
75-35-4	1,1-Dichloroethene	19.7		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	21.8		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	19.3		1.0	0.37
78-87-5	1,2-Dichloropropane	19.0		1.0	0.35
541-73-1	1,3-Dichlorobenzene	19.0		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.2		1.0	0.33
123-91-1	1,4-Dioxane	418		50	28
78-93-3	2-Butanone (MEK)	104		5.0	1.9
591-78-6	2-Hexanone	98.2		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	98.2		5.0	1.3
67-64-1	Acetone	113		5.0	4.4
71-43-2	Benzene	19.2		1.0	0.20
75-25-2	Bromoform	16.7		1.0	0.54
74-83-9	Bromomethane	20.5		1.0	0.55
75-15-0	Carbon disulfide	21.2		1.0	0.82
56-23-5	Carbon tetrachloride	20.4		1.0	0.21
108-90-7	Chlorobenzene	19.5		1.0	0.38
74-97-5	Chlorobromomethane	20.2		1.0	0.41
124-48-1	Chlorodibromomethane	18.4		1.0	0.28
75-00-3	Chloroethane	19.8		1.0	0.32
67-66-3	Chloroform	21.3		1.0	0.33
74-87-3	Chloromethane	18.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.8		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.3		1.0	0.22
110-82-7	Cyclohexane	23.3		1.0	0.32
75-27-4	Dichlorobromomethane	19.9		1.0	0.34
75-71-8	Dichlorodifluoromethane	17.4		1.0	0.31
100-41-4	Ethylbenzene	20.1		1.0	0.30
106-93-4	Ethylene Dibromide	19.0		1.0	0.50
98-82-8	Isopropylbenzene	19.8		1.0	0.34
79-20-9	Methyl acetate	39.3		5.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-839065/5

Matrix: Water | Lab File ID: N48063.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/14/2022 08:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 839065 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	19.8		1.0	0.22
108-87-2	Methylcyclohexane	24.3		1.0	0.71
75-09-2	Methylene Chloride	21.2		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	20.5		1.0	0.30
95-47-6	o-Xylene	19.4		1.0	0.36
100-42-5	Styrene	17.8		1.0	0.42
127-18-4	Tetrachloroethene	19.6		1.0	0.25
108-88-3	Toluene	19.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.3		1.0	0.22
79-01-6	Trichloroethene	21.4		1.0	0.31
75-69-4	Trichlorofluoromethane	20.4		1.0	0.32
75-01-4	Vinyl chloride	18.8		1.0	0.17
107-06-2	1,2-Dichloroethane	19.3		1.0	0.43
95-50-1	1,2-Dichlorobenzene	19.0		1.0	0.21
96-12-8	1,2-Dibromo-3-Chloropropane	17.1		1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-128
460-00-4	4-Bromofluorobenzene	89		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220414-144005.b\N48063.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 14-Apr-2022 08:09:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0144005-005
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20220414-144005.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2022 08:38:26 Calib Date: 31-Mar-2022 02:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20220330-143422.b\N47433.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1618

First Level Reviewer: moroneyc Date: 14-Apr-2022 08:38:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	1.328	1.316	0.012	0	41382	20.0	26.1	
5 Dichlorodifluoromethane	85	1.353	1.347	0.006	0	83328	20.0	17.4	
6 Chlorodifluoromethane	51	1.371	1.365	0.006	0	68791	20.0	18.5	
7 Chloromethane	52	1.456	1.462	-0.006	0	17094	20.0	18.8	
8 Vinyl chloride	62	1.572	1.572	0.000	0	75237	20.0	18.8	
9 Butadiene	54	1.578	1.578	0.000	0	45845	20.0	18.3	
10 Bromomethane	94	1.827	1.821	0.006	0	63439	20.0	20.5	
11 Chloroethane	64	1.900	1.906	-0.006	0	41748	20.0	19.8	
13 Trichlorofluoromethane	101	2.083	2.083	0.000	0	110726	20.0	20.4	
12 Dichlorofluoromethane	67	2.083	2.089	-0.006	0	122861	20.0	19.7	
14 Pentane	72	2.113	2.113	0.000	0	16768	40.0	44.1	
15 Ethanol	46	2.277	2.271	0.006	0	9452	800.0	716.7	
16 Ethyl ether	74	2.290	2.290	0.000	0	38203	20.0	20.0	
17 2-Methyl-1,3-butadiene	53	2.308	2.308	0.000	0	43793	20.0	22.3	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	2.338	2.338	0.000	0	79988	20.0	23.2	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.393	2.393	0.000	94	103372	20.0	22.8	a
20 Acrolein	56	2.454	2.454	0.000	0	12834	40.6	37.0	
21 112TCTFE	101	2.460	2.466	-0.006	0	46881	20.0	18.9	
22 1,1-Dichloroethene	96	2.490	2.484	0.006	0	69029	20.0	19.7	
23 Acetone	58	2.569	2.563	0.006	0	29879	100.0	113.3	
24 Iodomethane	142	2.630	2.624	0.006	0	156716	20.0	21.2	
25 Isopropyl alcohol	45	2.642	2.649	-0.007	0	28211	200.0	162.8	
26 Carbon disulfide	76	2.661	2.661	0.000	0	236292	20.0	21.2	
27 3-Chloro-1-propene	76	2.782	2.776	0.006	0	57832	20.0	23.6	
28 Methyl acetate	74	2.788	2.782	0.006	0	25775	40.0	39.3	
29 Cyclopentene	67	2.801	2.801	0.000	0	147596	20.0	22.0	
30 Acetonitrile	41	2.837	2.837	0.000	95	61238	200.0	159.7	a
* 31 TBA-d9 (IS)	66	2.892	2.898	-0.006	0	49944	1000.0	1000.0	
32 Methylene Chloride	84	2.904	2.898	0.006	0	85842	20.0	21.2	
33 2-Methyl-2-propanol	59	2.959	2.959	0.000	96	60945	200.0	176.2	a
34 Methyl tert-butyl ether	73	3.050	3.056	-0.006	0	169002	20.0	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 trans-1,2-Dichloroethene	96	3.080	3.074	0.006	0	87957	20.0	21.4	
36 Acrylonitrile	53	3.141	3.141	0.000	0	207202	200.0	166.6	
37 Hexane	56	3.220	3.220	0.000	0	23761	20.0	22.9	
38 Isopropyl ether	45	3.421	3.427	-0.006	0	137375	20.0	17.2	
39 1,1-Dichloroethane	63	3.452	3.458	-0.006	0	115129	20.0	20.0	
40 Vinyl acetate	86	3.470	3.464	0.006	0	26474	40.0	39.7	
41 2-Chloro-1,3-butadiene	88	3.494	3.494	0.000	0	68130	20.0	20.8	
42 Tert-butyl ethyl ether	59	3.725	3.725	0.000	0	155027	20.0	19.6	
* 43 2-Butanone-d5	46	3.908	3.914	-0.006	0	228235	250.0	250.0	
44 2,2-Dichloropropane	79	3.926	3.926	0.000	0	30455	20.0	20.1	
45 cis-1,2-Dichloroethene	96	3.950	3.951	0.000	0	91985	20.0	20.8	
47 Ethyl acetate	70	3.969	3.963	0.006	0	13771	40.0	40.3	
46 2-Butanone (MEK)	72	3.963	3.969	-0.006	0	40760	100.0	104.0	
48 Methyl acrylate	55	4.017	4.024	-0.007	0	44098	20.0	17.5	
49 Propionitrile	54	4.096	4.090	0.006	0	78915	200.0	162.9	
50 Tetrahydrofuran	72	4.163	4.163	0.000	0	17698	40.0	42.2	
51 Chlorobromomethane	128	4.169	4.170	-0.001	0	51869	20.0	20.2	
52 Methacrylonitrile	67	4.194	4.194	0.000	0	266230	200.0	187.9	
53 Chloroform	83	4.218	4.218	0.000	0	136964	20.0	21.3	
55 1,1,1-Trichloroethane	97	4.358	4.352	0.006	0	110467	20.0	20.5	
54 Cyclohexane	84	4.346	4.352	-0.006	0	88849	20.0	23.3	
$ 56 Dibromofluoromethane (Surr)	113	4.370	4.370	0.000	0	191502	50.0	50.6	
57 Carbon tetrachloride	117	4.474	4.468	0.006	0	97047	20.0	20.4	
58 1,1-Dichloropropene	75	4.504	4.498	0.006	0	94061	20.0	21.0	
59 Isobutyl alcohol	43	4.626	4.626	0.000	0	50267	500.0	349.6	
60 Isooctane	57	4.668	4.668	0.000	93	73624	20.0	24.2	a
61 Benzene	78	4.693	4.693	0.000	0	284299	20.0	19.2	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.711	4.711	0.000	0	169798	50.0	48.7	
64 Isopropyl acetate	43	4.753	4.754	-0.001	0	120232	20.0	17.2	
63 Tert-amyl methyl ether	73	4.760	4.766	-0.006	0	192223	20.0	20.8	
65 1,2-Dichloroethane	62	4.784	4.784	0.000	0	87554	20.0	19.3	
66 n-Heptane	57	4.845	4.845	0.000	0	19493	20.0	22.5	
* 67 Fluorobenzene	96	4.972	4.973	-0.001	0	635356	50.0	50.0	
68 n-Butanol	56	5.283	5.277	0.006	0	29598	500.0	322.3	
69 Trichloroethene	95	5.319	5.313	0.006	0	81429	20.0	21.4	
71 Methylcyclohexane	83	5.441	5.441	0.000	0	76603	20.0	24.3	
70 Ethyl acrylate	99	5.441	5.447	-0.006	0	9437	20.0	18.3	
72 1,2-Dichloropropane	63	5.599	5.599	0.000	0	59088	20.0	19.0	
* 73 1,4-Dioxane-d8	96	5.654	5.648	0.006	0	36534	1000.0	1000.0	
74 Methyl methacrylate	100	5.684	5.678	0.006	0	37727	40.0	36.6	
75 1,4-Dioxane	88	5.702	5.709	-0.007	0	19817	400.0	418.5	
76 Dibromomethane	93	5.721	5.727	-0.006	0	51502	20.0	20.3	
77 n-Propyl acetate	43	5.739	5.739	0.000	0	58232	20.0	15.5	
78 Dichlorobromomethane	83	5.873	5.873	0.000	0	93287	20.0	19.9	
79 2-Nitropropane	41	6.207	6.201	0.006	0	21628	40.0	27.9	
80 2-Chloroethyl vinyl ether	63	6.214	6.214	0.000	0	25154	20.0	17.3	
81 Epichlorohydrin	57	6.311	6.311	0.000	0	106057	400.0	413.7	
82 cis-1,3-Dichloropropene	75	6.366	6.366	0.000	0	103975	20.0	18.3	
83 4-Methyl-2-pentanone (MIBK)	43	6.530	6.530	0.000	0	208932	100.0	98.2	
$ 84 Toluene-d8 (Surr)	98	6.603	6.603	0.000	0	661904	50.0	48.1	
85 Toluene	91	6.682	6.682	0.000	0	301094	20.0	19.0	
86 trans-1,3-Dichloropropene	75	7.029	7.029	0.000	0	92512	20.0	18.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 Ethyl methacrylate	69	7.065	7.065	0.000	0	63112	20.0	16.9	
88 1,1,2-Trichloroethane	83	7.242	7.242	0.000	0	52583	20.0	18.4	
89 Tetrachloroethene	166	7.278	7.272	0.006	0	71568	20.0	19.6	
90 1,3-Dichloropropane	76	7.442	7.442	0.000	0	96979	20.0	18.4	
91 2-Hexanone	58	7.515	7.515	0.000	0	91424	100.0	98.2	
92 n-Butyl acetate	43	7.631	7.637	-0.006	0	56238	20.0	14.8	
93 Chlorodibromomethane	129	7.674	7.674	0.000	0	75825	20.0	18.4	
94 Ethylene Dibromide	107	7.820	7.820	0.000	0	72601	20.0	19.0	
* 95 Chlorobenzene-d5	117	8.361	8.361	0.000	0	553441	50.0	50.0	
96 Chlorobenzene	112	8.398	8.398	0.000	0	214436	20.0	19.5	
97 Ethylbenzene	106	8.507	8.507	0.000	0	106985	20.0	20.1	
98 1,1,1,2-Tetrachloroethane	131	8.519	8.519	0.000	0	80979	20.0	18.7	
99 m-Xylene & p-Xylene	106	8.665	8.659	0.006	0	129379	20.0	20.5	
100 o-Xylene	106	9.176	9.182	-0.006	0	128179	20.0	19.4	
101 n-Butyl acrylate	73	9.176	9.182	-0.006	0	40347	20.0	16.4	
102 Styrene	104	9.213	9.219	-0.006	0	197118	20.0	17.8	
104 Bromoform	173	9.456	9.456	0.000	0	43881	20.0	16.7	
103 Amyl acetate (mixed isomers)	43	9.462	9.462	0.000	0	66740	20.0	14.8	
105 Isopropylbenzene	105	9.614	9.614	0.000	0	294953	20.0	19.8	
$ 106 4-Bromofluorobenzene	174	9.833	9.833	0.000	0	179508	50.0	44.7	
107 Bromobenzene	156	9.979	9.979	0.000	0	85414	20.0	18.2	
108 1,1,2,2-Tetrachloroethane	83	10.046	10.046	0.000	0	86761	20.0	17.9	
109 N-Propylbenzene	91	10.071	10.071	-0.001	0	301789	20.0	20.1	
110 1,2,3-Trichloropropane	110	10.095	10.089	0.006	0	29694	20.0	19.0	
111 trans-1,4-Dichloro-2-butene	53	10.119	10.119	0.000	0	14191	20.0	15.2	
112 2-Chlorotoluene	91	10.180	10.180	0.000	0	236335	20.0	19.6	
113 4-Ethyltoluene	105	10.198	10.198	0.000	0	273402	20.0	19.9	
114 1,3,5-Trimethylbenzene	105	10.271	10.271	0.000	0	230151	20.0	20.0	
115 4-Chlorotoluene	91	10.302	10.302	0.000	0	223560	20.0	19.8	
116 Butyl Methacrylate	87	10.393	10.393	0.000	0	55884	20.0	11.8	
117 tert-Butylbenzene	119	10.575	10.576	-0.001	0	172402	20.0	19.7	
118 1,2,4-Trimethylbenzene	105	10.642	10.642	0.000	0	242709	20.0	19.7	
119 sec-Butylbenzene	105	10.794	10.795	-0.001	0	243390	20.0	20.5	
120 1,3-Dichlorobenzene	146	10.922	10.922	0.000	0	155665	20.0	19.0	
121 4-Isopropyltoluene	119	10.934	10.934	0.000	0	208654	20.0	20.1	
* 122 1,4-Dichlorobenzene-d4	152	10.995	10.995	0.000	0	311673	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.013	11.014	-0.001	0	165632	20.0	19.2	
124 1,2,3-Trimethylbenzene	105	11.044	11.044	0.000	0	278813	20.0	19.1	
125 Benzyl chloride	126	11.159	11.160	-0.001	0	38540	20.0	18.0	
126 2,3-Dihydroindene	117	11.214	11.220	-0.006	0	297241	20.0	19.5	
127 p-Diethylbenzene	119	11.281	11.281	0.000	0	109283	20.0	19.6	
128 n-Butylbenzene	92	11.305	11.306	-0.001	0	98373	20.0	20.6	
129 1,2-Dichlorobenzene	146	11.354	11.354	0.000	0	163892	20.0	19.0	
130 1,2,4,5-Tetramethylbenzene	119	11.950	11.950	0.000	0	206614	20.0	20.4	
131 1,2-Dibromo-3-Chloropropane	157	12.035	12.036	-0.001	0	22153	20.0	17.1	
132 1,3,5-Trichlorobenzene	180	12.151	12.151	0.000	0	81642	20.0	19.4	
133 1,2,4-Trichlorobenzene	180	12.650	12.650	0.000	0	75756	20.0	19.3	
134 Hexachlorobutadiene	225	12.735	12.735	0.000	0	21987	20.0	21.0	
135 Naphthalene	128	12.839	12.839	0.000	0	278410	20.0	20.7	
136 1,2,3-Trichlorobenzene	180	13.021	13.021	0.000	0	71401	20.0	21.8	
S 137 1,2-Dichloroethene, Total	100				0		40.0	42.2	
S 138 Xylenes, Total	100				0		40.0	40.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		100.0	98.3	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

GASES Li_00471	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00152	Amount Added:	20.00	Units: uL	
524freon_00050	Amount Added:	20.00	Units: uL	
ACROLEIN W_00138	Amount Added:	4.00	Units: uL	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00226	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Apr-2022 08:38:27 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20220414-144005.b\N48063.D

Injection Date: 14-Apr-2022 08:09:30 Instrument ID: CVOAMS11 Operator ID:

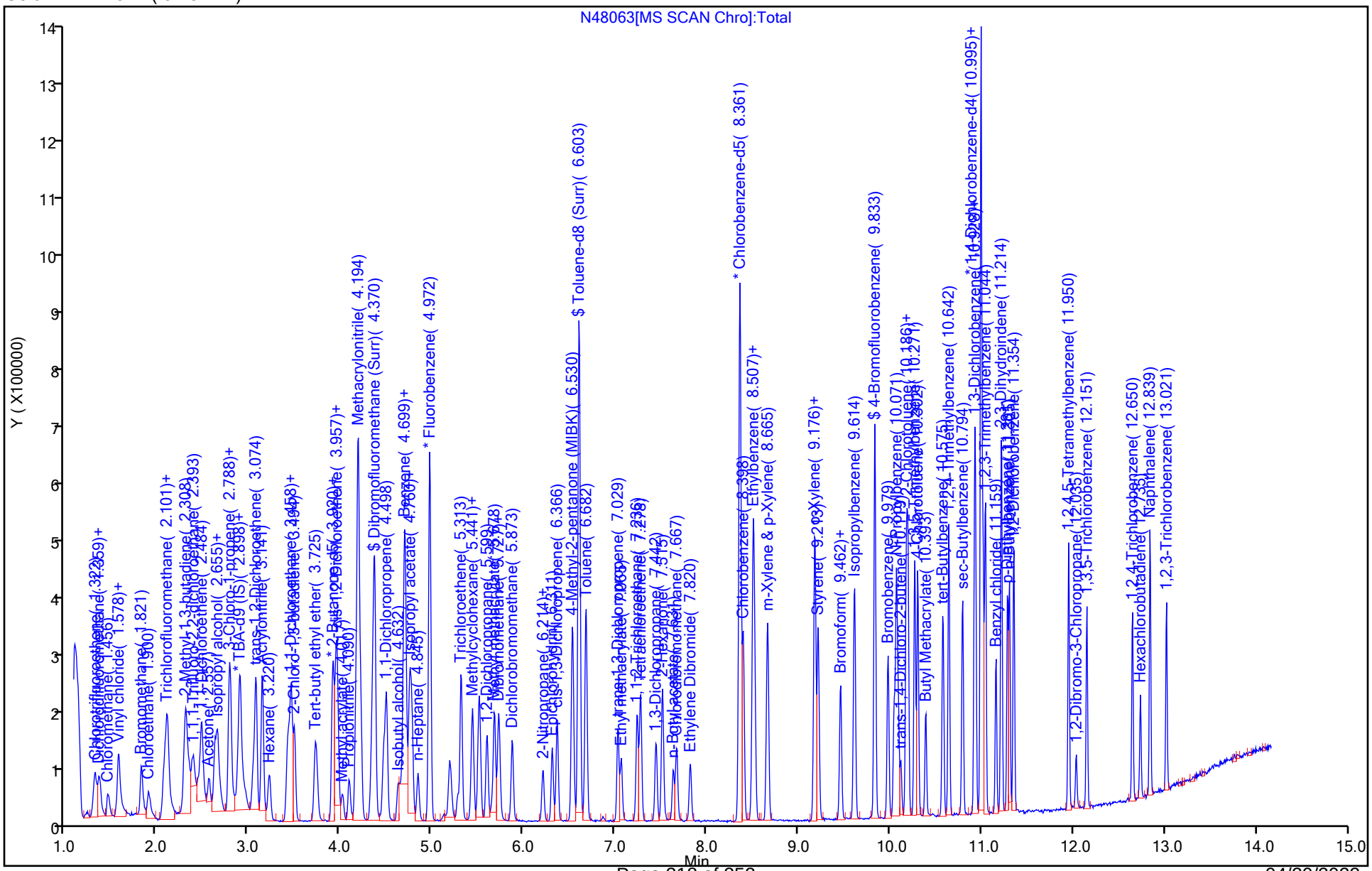
Lims ID: LCSD Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-839189/5

Matrix: Solid | Lab File ID: B85735.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/14/2022 17:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.4		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	20.2		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21.2		1.0	0.30
79-00-5	1,1,2-Trichloroethane	20.0		1.0	0.18
75-34-3	1,1-Dichloroethane	20.5		1.0	0.21
75-35-4	1,1-Dichloroethene	21.5		1.0	0.23
87-61-6	1,2,3-Trichlorobenzene	18.2		1.0	0.18
120-82-1	1,2,4-Trichlorobenzene	18.5		1.0	0.36
78-87-5	1,2-Dichloropropane	20.3		1.0	0.42
541-73-1	1,3-Dichlorobenzene	18.8		1.0	0.37
106-46-7	1,4-Dichlorobenzene	18.2		1.0	0.23
123-91-1	1,4-Dioxane	439		100	9.2
78-93-3	2-Butanone (MEK)	84.8		5.0	0.37
591-78-6	2-Hexanone	85.7		5.0	1.7
108-10-1	4-Methyl-2-pentanone (MIBK)	89.8		5.0	1.6
67-64-1	Acetone	107		6.0	5.7
71-43-2	Benzene	20.5		1.0	0.26
75-25-2	Bromoform	16.9		1.0	0.43
74-83-9	Bromomethane	19.2		2.0	1.0
75-15-0	Carbon disulfide	22.4		1.0	0.27
56-23-5	Carbon tetrachloride	19.3		1.0	0.39
108-90-7	Chlorobenzene	19.1		1.0	0.18
74-97-5	Chlorobromomethane	18.5		1.0	0.28
124-48-1	Chlorodibromomethane	18.0		1.0	0.19
75-00-3	Chloroethane	20.9		1.0	0.52
67-66-3	Chloroform	19.3		1.0	0.97
74-87-3	Chloromethane	19.8		1.0	0.44
156-59-2	cis-1,2-Dichloroethene	19.1		1.0	0.36
10061-01-5	cis-1,3-Dichloropropene	20.2		1.0	0.27
110-82-7	Cyclohexane	18.3		1.0	0.22
75-27-4	Dichlorobromomethane	18.8		1.0	0.26
75-71-8	Dichlorodifluoromethane	19.2		1.0	0.34
100-41-4	Ethylbenzene	18.6		1.0	0.20
106-93-4	Ethylene Dibromide	18.9		1.0	0.18
98-82-8	Isopropylbenzene	16.0		1.0	0.29
79-20-9	Methyl acetate	48.4		5.0	4.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-256171-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-839189/5

Matrix: Solid | Lab File ID: B85735.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/14/2022 17:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 839189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	20.5		1.0	0.51
108-87-2	Methylcyclohexane	16.6		1.0	0.50
75-09-2	Methylene Chloride	20.8		2.0	1.1
179601-23-1	m-Xylene & p-Xylene	18.4		1.0	0.17
95-47-6	o-Xylene	17.2		1.0	0.19
100-42-5	Styrene	17.4		1.0	0.28
127-18-4	Tetrachloroethene	18.3		1.0	0.31
108-88-3	Toluene	19.2		1.0	0.23
156-60-5	trans-1,2-Dichloroethene	20.6		1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	19.2		1.0	0.27
79-01-6	Trichloroethene	18.9		1.0	0.32
75-69-4	Trichlorofluoromethane	21.5		1.0	0.41
75-01-4	Vinyl chloride	20.7		1.0	0.55
107-06-2	1,2-Dichloroethane	20.1		1.0	0.30
95-50-1	1,2-Dichlorobenzene	18.9		1.0	0.36
96-12-8	1,2-Dibromo-3-Chloropropane	17.1		1.0	0.46

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		72-145
460-00-4	4-Bromofluorobenzene	97		75-139
1868-53-7	Dibromofluoromethane (Surr)	97		73-139
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85735.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 14-Apr-2022 17:34:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0144034-005
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Apr-2022 08:39:07 Calib Date: 05-Apr-2022 12:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220405-143609.b\B85248.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1617

First Level Reviewer: parekhv Date: 14-Apr-2022 18:17:08

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	0.587	0.606	-0.019	63	5717	20.0	18.4	a
2	1,1-Difluoroethane	51	0.648	0.642	0.006	0	195883	20.0	24.4	
3	Dichlorodifluoromethane	85	0.648	0.642	0.006	0	98910	20.0	19.2	
4	Chlorodifluoromethane	67	0.654	0.648	0.006	0	17028	20.0	23.6	
5	Chloromethane	50	0.727	0.721	0.006	0	144140	20.0	19.8	
6	Butadiene	54	0.764	0.758	0.006	0	94739	20.0	20.9	
7	Vinyl chloride	62	0.770	0.770	0.000	0	101561	20.0	20.7	
8	Bromomethane	94	0.904	0.892	0.012	0	51870	20.0	19.2	
9	Chloroethane	64	0.916	0.917	-0.001	0	53473	20.0	20.9	
10	Dichlorofluoromethane	67	1.014	1.008	0.006	0	141129	20.0	22.3	
12	Pentane	72	1.026	1.014	0.012	0	22962	40.0	43.5	
11	Trichlorofluoromethane	101	1.044	1.032	0.012	96	102112	20.0	21.5	M
13	Ethyl ether	59	1.124	1.118	0.006	0	52869	20.0	23.4	
14	Ethanol	46	1.130	1.118	0.012	0	11277	800.0	809.4	
15	2-Methyl-1,3-butadiene	53	1.130	1.124	0.006	0	69157	20.0	24.2	
16	1,2-Dichloro-1,1,2-trifluoroetha	117	1.142	1.136	0.006	87	57035	20.0	21.5	a
17	1,1,1-Trifluoro-2,2-dichloroetha	83	1.172	1.167	0.006	86	100182	20.0	22.3	a
18	Acrolein	56	1.185	1.179	0.006	0	94829	304.2	334.8	
19	1,1-Dichloroethene	96	1.227	1.221	0.006	0	54332	20.0	21.5	
21	Acetone	43	1.264	1.258	0.006	0	119071	100.0	107.5	
20	112TCTFE	101	1.276	1.270	0.006	88	63003	20.0	21.2	a
22	Iodomethane	142	1.300	1.288	0.012	0	91291	20.0	20.1	
23	Carbon disulfide	76	1.331	1.325	0.006	0	239373	20.0	22.4	
24	Isopropyl alcohol	45	1.361	1.355	0.006	35	56781	200.0	190.8	a
25	3-Chloro-1-propene	39	1.410	1.404	0.006	0	110454	20.0	23.9	
26	Methyl acetate	43	1.435	1.429	0.006	0	107597	40.0	48.4	
27	Acetonitrile	39	1.453	1.441	0.012	26	64424	200.0	276.6	a
28	Methylene Chloride	84	1.483	1.471	0.012	0	68139	20.0	20.8	
* 29	TBA-d9 (IS)	65	1.544	1.544	0.000	0	405754	1000.0	1000.0	M
30	2-Methyl-2-propanol	59	1.605	1.605	0.000	91	78961	200.0	196.8	a
31	Acrylonitrile	53	1.624	1.612	0.012	0	241229	200.0	227.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.636	1.630	0.006	0	60476	20.0	20.6	
33 Methyl tert-butyl ether	73	1.648	1.654	-0.006	0	167834	20.0	20.5	
34 Hexane	57	1.806	1.794	0.012	0	92726	20.0	19.0	
35 1,1-Dichloroethane	63	1.892	1.880	0.012	0	126489	20.0	20.5	
37 2-Chloro-1,3-butadiene	88	1.947	1.941	0.006	0	49294	20.0	18.2	
36 Vinyl acetate	86	1.947	1.941	0.006	0	16455	40.0	38.2	
38 Isopropyl ether	45	1.977	1.971	0.006	0	248603	20.0	21.4	
39 Tert-butyl ethyl ether	87	2.233	2.233	0.000	0	60970	20.0	18.5	
* 40 2-Butanone-d5	46	2.288	2.282	0.006	0	413196	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.300	2.294	0.006	0	57330	20.0	19.1	
42 2,2-Dichloropropane	79	2.306	2.294	0.012	0	30997	20.0	19.2	
43 2-Butanone (MEK)	72	2.331	2.325	0.006	0	29175	100.0	84.8	
44 Propionitrile	54	2.373	2.361	0.012	0	74742	200.0	168.7	
45 Ethyl acetate	70	2.398	2.386	0.012	0	9530	40.0	34.2	
62 Methyl acrylate	55	2.422	2.410	0.012	0	59030	20.0	20.6	
46 Chlorobromomethane	128	2.483	2.483	0.000	0	25815	20.0	18.5	
47 Methacrylonitrile	67	2.489	2.483	0.006	0	197904	200.0	191.8	
48 Tetrahydrofuran	72	2.544	2.520	0.024	91	11276	40.0	31.2	Ma
49 Chloroform	83	2.568	2.563	0.005	0	99073	20.0	19.3	
$ 50 Dibromofluoromethane (Surr)	113	2.703	2.691	0.012	0	136089	50.0	48.5	
51 1,1,1-Trichloroethane	97	2.709	2.703	0.006	0	87339	20.0	19.4	
52 Cyclohexane	84	2.745	2.745	0.000	0	82576	20.0	18.3	
54 1,1-Dichloropropene	75	2.849	2.843	0.006	0	77736	20.0	20.1	
53 Carbon tetrachloride	117	2.849	2.843	0.006	0	72965	20.0	19.3	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.983	2.977	0.006	0	177627	50.0	53.4	
56 Benzene	78	3.026	3.020	0.006	0	214489	20.0	20.5	
57 1,2-Dichloroethane	62	3.056	3.050	0.006	0	75315	20.0	20.1	
58 Isobutyl alcohol	42	3.129	3.142	-0.013	38	33809	500.0	363.5	Ma
59 Tert-amyl methyl ether	73	3.203	3.190	0.012	0	166847	20.0	18.4	
73 Isopropyl acetate	43	3.215	3.203	0.012	91	210467	20.0	19.5	M
* 60 Fluorobenzene	96	3.318	3.312	0.006	0	569870	50.0	50.0	
61 n-Heptane	43	3.373	3.361	0.012	0	115232	20.0	19.5	
63 Trichloroethene	95	3.715	3.709	0.006	0	49893	20.0	18.9	
64 n-Butanol	43	3.897	3.904	-0.007	57	4526	500.0	141.7	M
65 Methylcyclohexane	83	3.922	3.916	0.006	0	85698	20.0	16.6	
66 Ethyl acrylate	55	3.934	3.928	0.006	0	138505	20.0	18.1	
67 1,2-Dichloropropane	63	3.952	3.953	-0.001	0	60607	20.0	20.3	
68 Dibromomethane	93	4.086	4.087	-0.001	0	29021	20.0	19.4	
* 69 1,4-Dioxane-d8	96	4.117	4.129	-0.012	0	20346	1000.0	1000.0	M
70 1,4-Dioxane	88	4.184	4.166	0.018	31	9091	400.0	439.4	M
71 Methyl methacrylate	100	4.221	4.209	0.012	0	16932	40.0	32.9	
72 Dichlorobromomethane	83	4.324	4.324	0.000	0	64057	20.0	18.8	
81 n-Propyl acetate	43	4.336	4.337	-0.001	0	61333	20.0	18.2	
74 2-Nitropropane	41	4.635	4.635	0.000	0	23826	40.0	40.2	
75 2-Chloroethyl vinyl ether	63	4.812	4.806	0.006	0	11468	20.0	16.5	
76 Epichlorohydrin	57	4.836	4.830	0.006	0	83927	400.0	340.7	
77 cis-1,3-Dichloropropene	75	4.934	4.934	0.000	0	72238	20.0	20.2	
78 4-Methyl-2-pentanone (MIBK)	43	5.233	5.227	0.006	98	260089	100.0	89.8	a
$ 79 Toluene-d8 (Surr)	98	5.287	5.282	0.005	0	496046	50.0	50.1	
80 Toluene	91	5.379	5.379	0.000	0	195891	20.0	19.2	
82 trans-1,3-Dichloropropene	75	5.806	5.800	0.006	0	56927	20.0	19.2	
83 1,1,2-Trichloroethane	83	6.062	6.056	0.006	0	31588	20.0	20.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.086	6.080	0.006	71	39828	20.0	15.6	a
85 Tetrachloroethene	166	6.208	6.202	0.006	0	40216	20.0	18.3	
86 1,3-Dichloropropane	76	6.299	6.294	0.005	0	63631	20.0	19.4	
87 2-Hexanone	43	6.592	6.586	0.006	0	143942	100.0	85.7	
88 Chlorodibromomethane	129	6.647	6.647	0.000	0	34394	20.0	18.0	
89 Ethylene Dibromide	107	6.763	6.751	0.012	0	32306	20.0	18.9	
90 n-Butyl acetate	43	6.927	6.928	-0.001	0	64285	20.0	20.5	
* 91 Chlorobenzene-d5	117	7.641	7.641	0.000	0	341532	50.0	50.0	
92 Chlorobenzene	112	7.689	7.690	-0.001	0	111667	20.0	19.1	
93 1,1,1,2-Tetrachloroethane	131	7.909	7.909	0.000	0	38216	20.0	17.9	
94 Ethylbenzene	106	7.994	7.994	0.000	0	59019	20.0	18.6	
95 m-Xylene & p-Xylene	106	8.244	8.238	0.006	0	67847	20.0	18.4	
96 o-Xylene	106	8.976	8.976	0.000	0	63579	20.0	17.2	
97 Styrene	104	9.025	9.019	0.006	0	103160	20.0	17.4	
98 n-Butyl acrylate	73	9.220	9.220	0.000	0	22310	20.0	15.4	
99 Bromoform	173	9.262	9.256	0.006	0	19585	20.0	16.9	
101 Amyl acetate (mixed isomers)	43	9.707	9.701	0.006	0	61231	20.0	18.3	
102 Isopropylbenzene	105	9.726	9.720	0.006	0	174144	20.0	16.0	
$ 103 4-Bromofluorobenzene	174	9.933	9.927	0.006	0	116443	50.0	48.3	
104 Bromobenzene	156	10.104	10.104	0.000	0	40923	20.0	19.2	
105 1,2,3-Trichloropropane	110	10.329	10.323	0.006	0	11855	20.0	19.9	
106 1,1,2,2-Tetrachloroethane	83	10.347	10.348	-0.001	0	45869	20.0	20.2	
107 trans-1,4-Dichloro-2-butene	53	10.445	10.451	-0.006	0	13478	20.0	19.6	
108 N-Propylbenzene	120	10.475	10.476	-0.001	0	44097	20.0	17.9	
109 2-Chlorotoluene	126	10.518	10.512	0.006	0	43676	20.0	19.8	
110 4-Ethyltoluene	105	10.701	10.701	0.000	0	157212	20.0	17.6	
111 4-Chlorotoluene	91	10.725	10.726	-0.001	0	150769	20.0	19.3	
112 1,3,5-Trimethylbenzene	105	10.835	10.829	0.006	0	136628	20.0	17.6	
100 Butyl Methacrylate	87	11.213	11.213	0.000	0	32200	20.0	13.8	
113 tert-Butylbenzene	119	11.366	11.360	0.006	0	101826	20.0	16.7	
114 1,2,4-Trimethylbenzene	105	11.451	11.451	0.000	0	141082	20.0	18.2	
115 sec-Butylbenzene	105	11.750	11.750	0.000	0	167764	20.0	16.7	
116 1,3-Dichlorobenzene	146	11.811	11.817	-0.006	0	80737	20.0	18.8	
* 117 1,4-Dichlorobenzene-d4	152	11.957	11.963	-0.006	0	171200	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.006	12.000	0.006	0	80397	20.0	18.2	
119 4-Isopropyltoluene	119	12.085	12.085	0.000	0	143036	20.0	16.8	
120 1,2,3-Trimethylbenzene	105	12.182	12.183	-0.001	0	148311	20.0	17.9	
121 Benzyl chloride	126	12.329	12.335	-0.006	0	12999	20.0	17.8	
122 2,3-Dihydroindene	117	12.512	12.506	0.006	0	135393	20.0	16.1	
123 1,2-Dichlorobenzene	146	12.695	12.695	0.000	0	77116	20.0	18.9	
124 p-Diethylbenzene	119	12.829	12.829	0.000	0	71092	20.0	15.4	
125 n-Butylbenzene	92	12.853	12.853	0.000	0	82449	20.0	16.2	
126 1,2-Dibromo-3-Chloropropane	157	13.609	13.609	0.000	0	6836	20.0	17.1	
127 1,2,4,5-Tetramethylbenzene	119	13.646	13.646	0.000	0	108127	20.0	16.4	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	0	55545	20.0	17.3	
129 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	0	51802	20.0	18.5	
130 Hexachlorobutadiene	225	14.383	14.383	0.000	0	24221	20.0	15.9	
131 Naphthalene	128	14.383	14.383	0.000	0	116632	20.0	18.3	
132 1,2,3-Trichlorobenzene	180	14.548	14.548	0.000	0	50100	20.0	18.2	
S 133 1,2-Dichloroethene, Total	100				0		40.0	39.7	
S 134 1,3-Dichloropropene, Total	100				0		40.0	39.3	
S 135 Xylenes, Total	100				0		40.0	35.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	93.9	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00138	Amount Added:	3.00	Units: uL	
8260MIX1COMB_00152	Amount Added:	2.00	Units: uL	
524freon_00050	Amount Added:	2.00	Units: uL	
GASES Li_00471	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Apr-2022 08:39:08 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85735.D

Injection Date: 14-Apr-2022 17:34:30 Instrument ID: CVOAMS2 Operator ID:

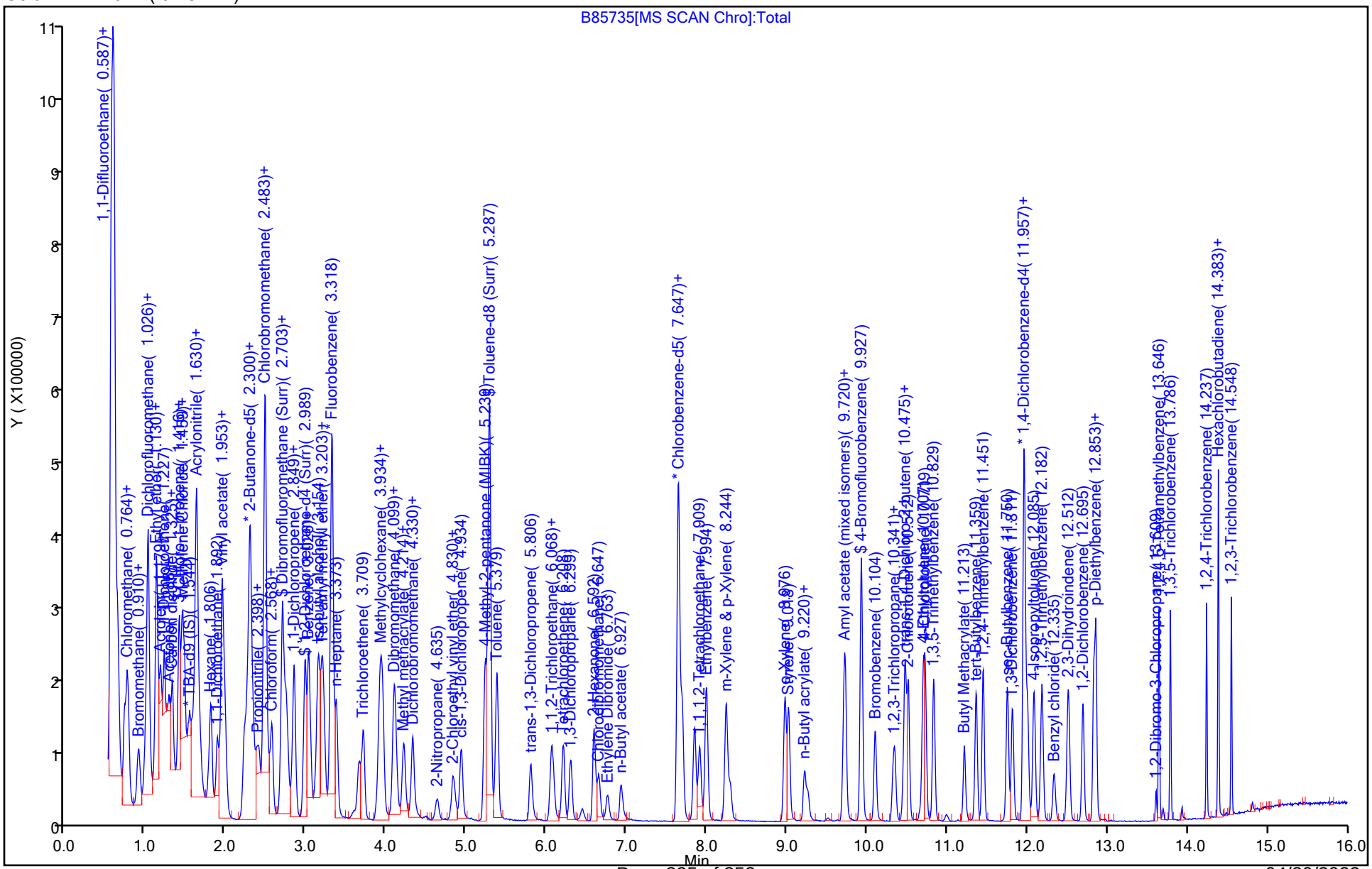
Lims ID: LCSD Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

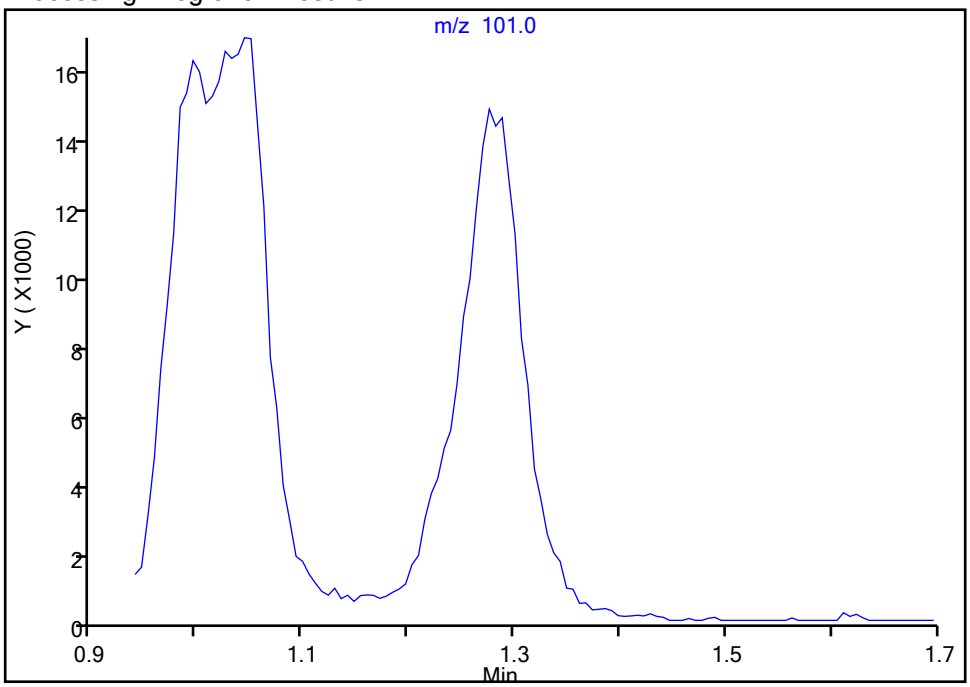
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85735.D
Injection Date: 14-Apr-2022 17:34:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

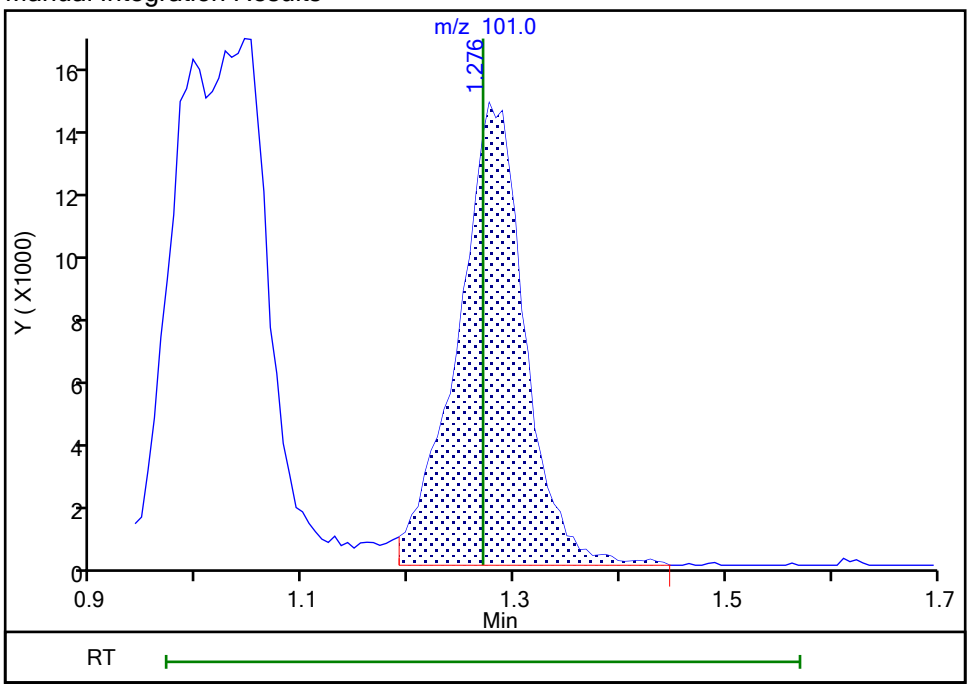
Not Detected
Expected RT: 1.27

Processing Integration Results



Manual Integration Results

RT: 1.28
Area: 63003
Amount: 21.214063
Amount Units: ug/l



Reviewer: parekhv, 14-Apr-2022 18:15:15
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

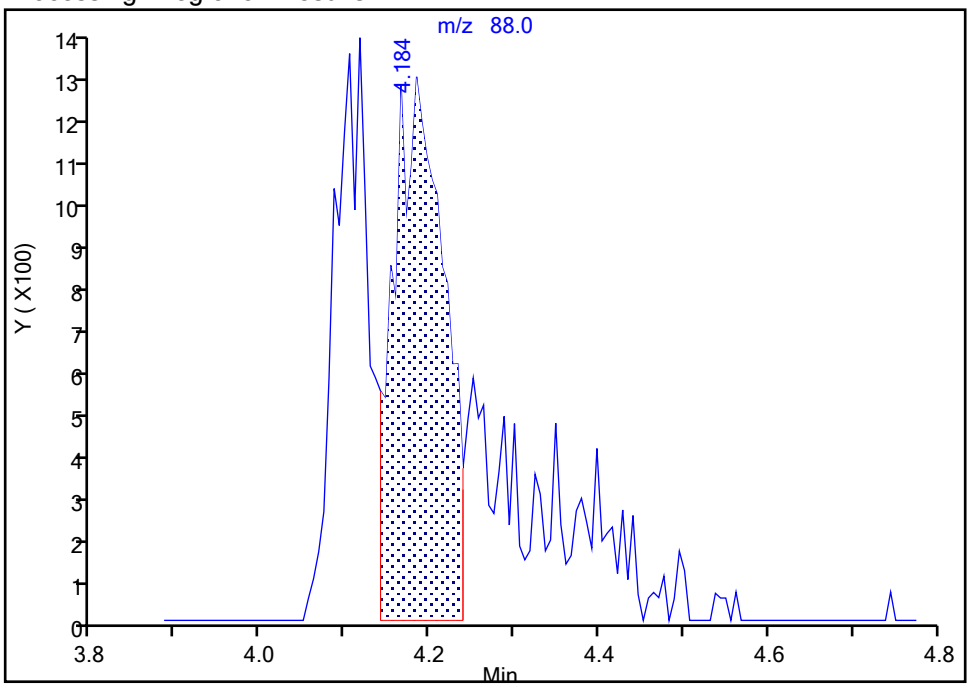
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85735.D
Injection Date: 14-Apr-2022 17:34:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

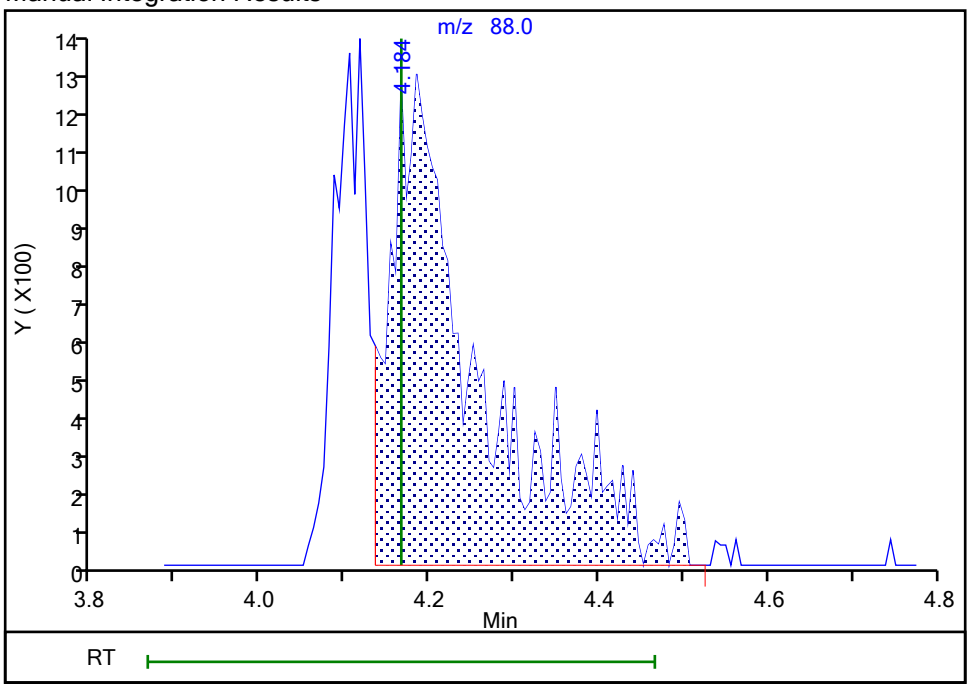
Processing Integration Results

RT: 4.18
Area: 5317
Amount: 463.3840
Amount Units: ug/l



Manual Integration Results

RT: 4.18
Area: 9091
Amount: 439.3730
Amount Units: ug/l



Reviewer: parekhv, 14-Apr-2022 20:46:04
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

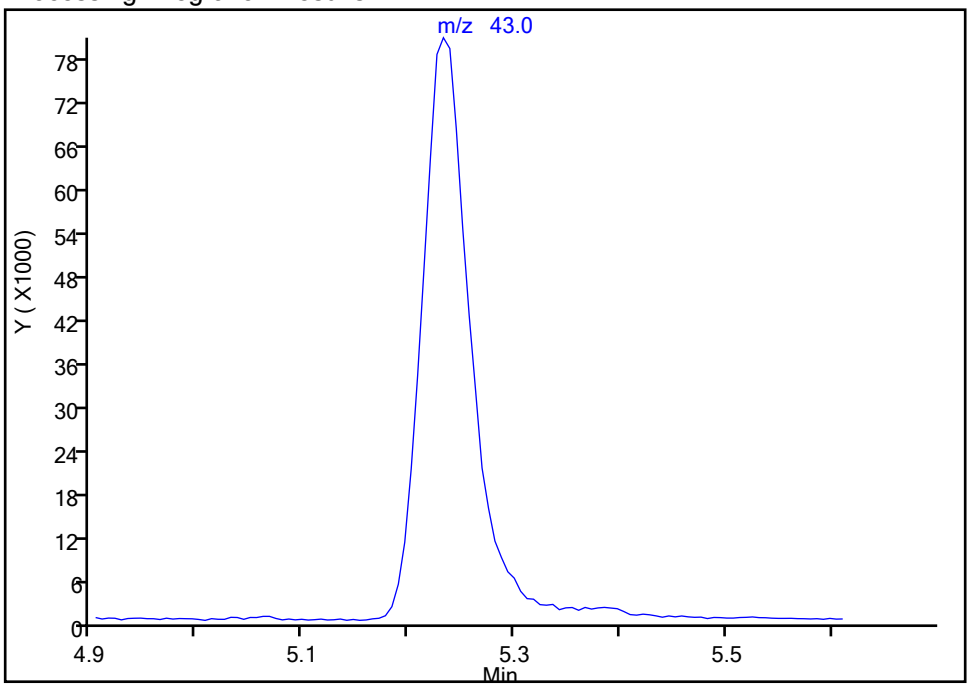
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85735.D
Injection Date: 14-Apr-2022 17:34:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

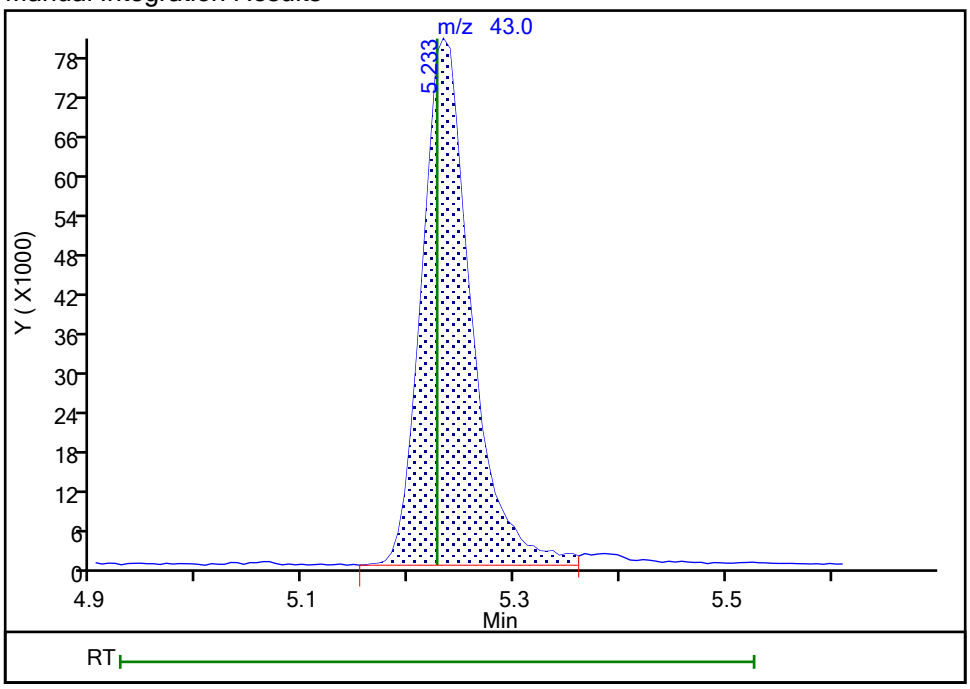
Not Detected
Expected RT: 5.23

Processing Integration Results



Manual Integration Results

RT: 5.23
Area: 260089
Amount: 89.772266
Amount Units: ug/l



Reviewer: parekhv, 14-Apr-2022 18:15:43
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

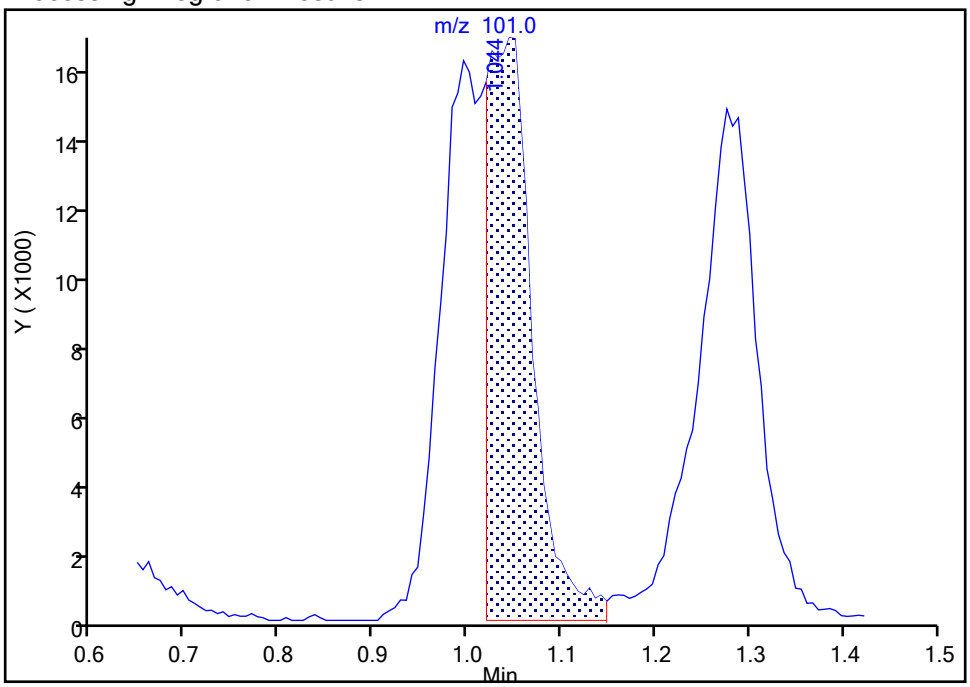
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85735.D
Injection Date: 14-Apr-2022 17:34:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

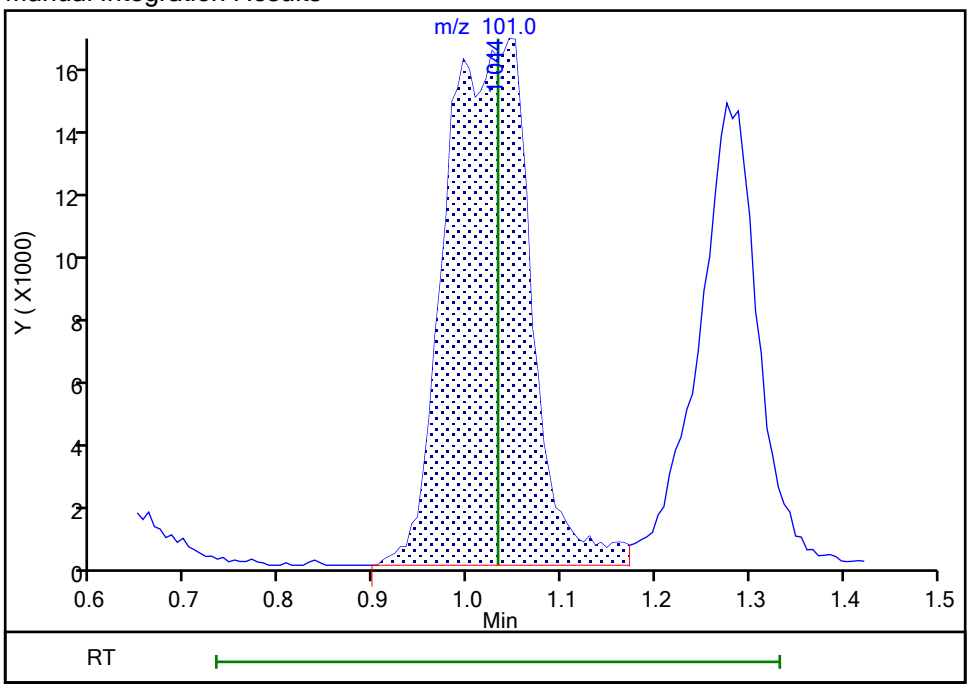
Processing Integration Results

RT: 1.04
Area: 54609
Amount: 11.507708
Amount Units: ug/l



Manual Integration Results

RT: 1.04
Area: 102112
Amount: 21.517974
Amount Units: ug/l



Reviewer: parekhv, 14-Apr-2022 20:44:47
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

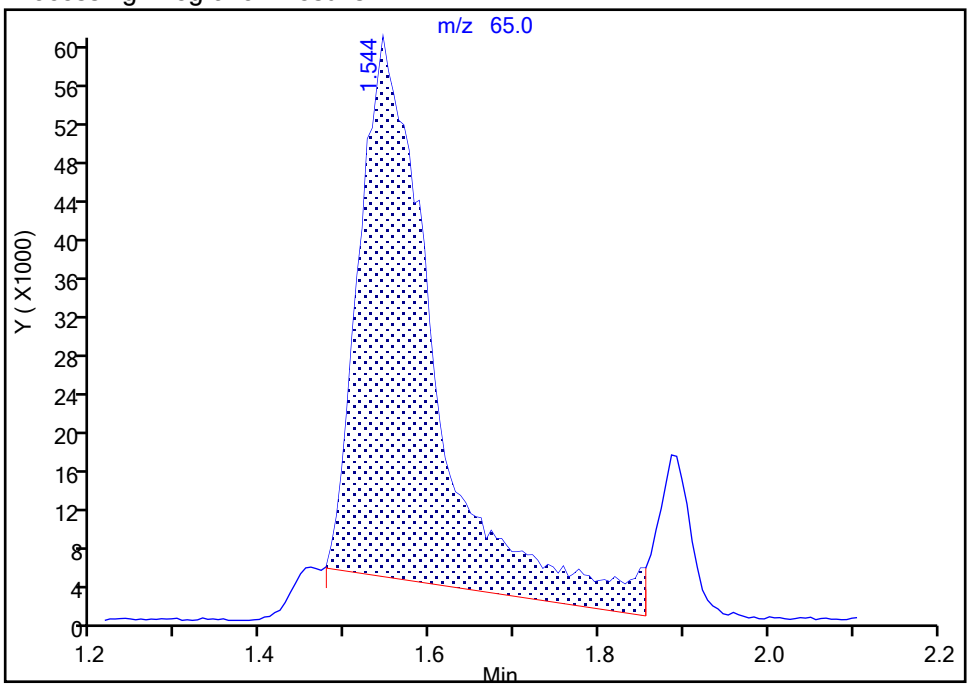
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85735.D
Injection Date: 14-Apr-2022 17:34:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

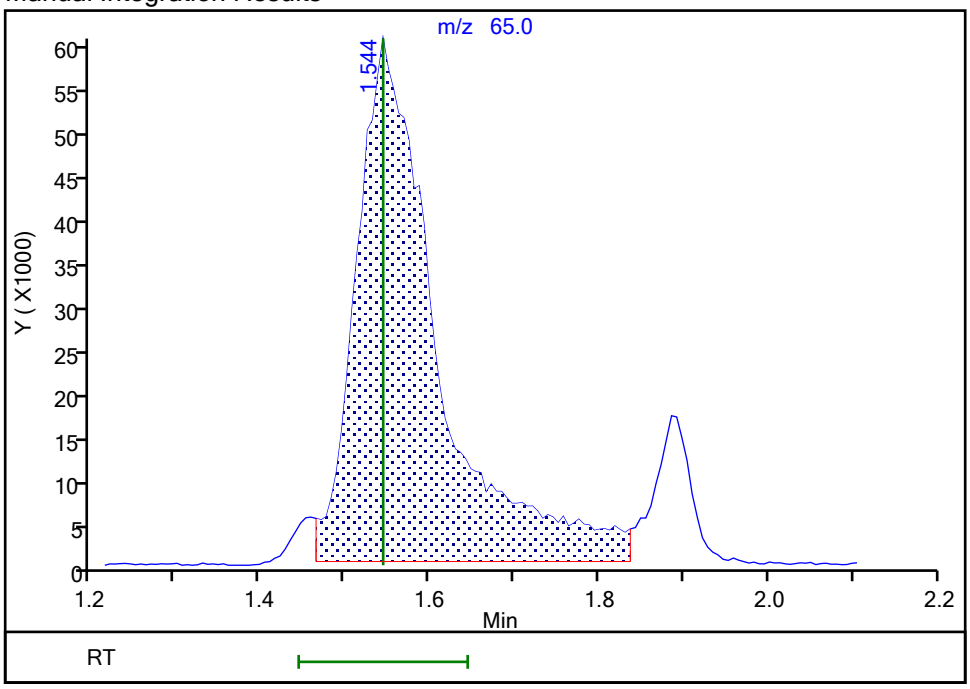
Processing Integration Results

RT: 1.54
Area: 349112
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.54
Area: 405754
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 15-Apr-2022 08:38:09
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

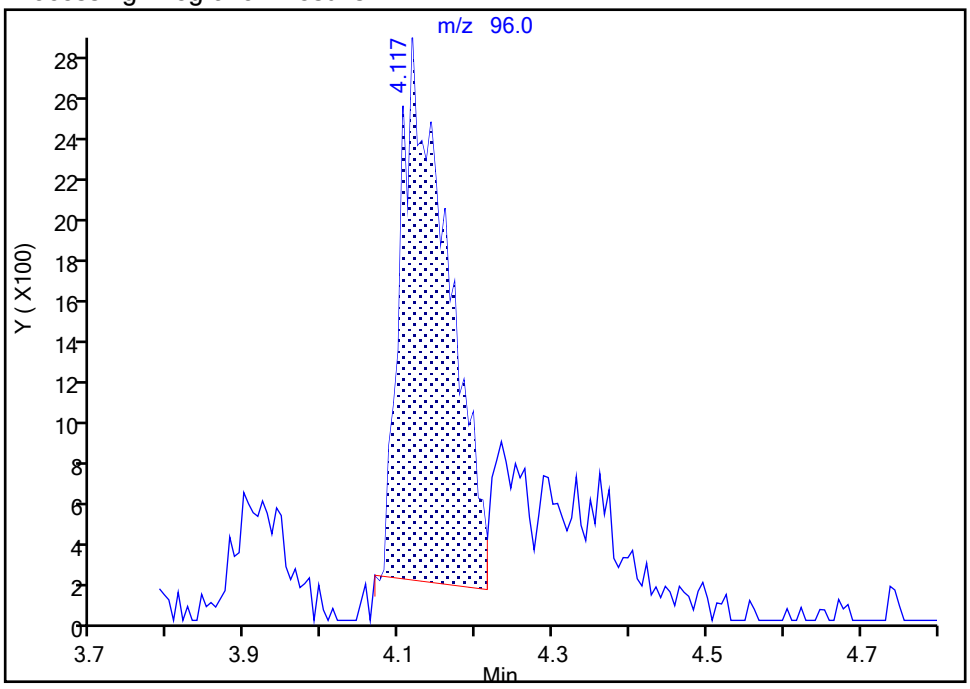
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220414-144034.b\B85735.D
Injection Date: 14-Apr-2022 17:34:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

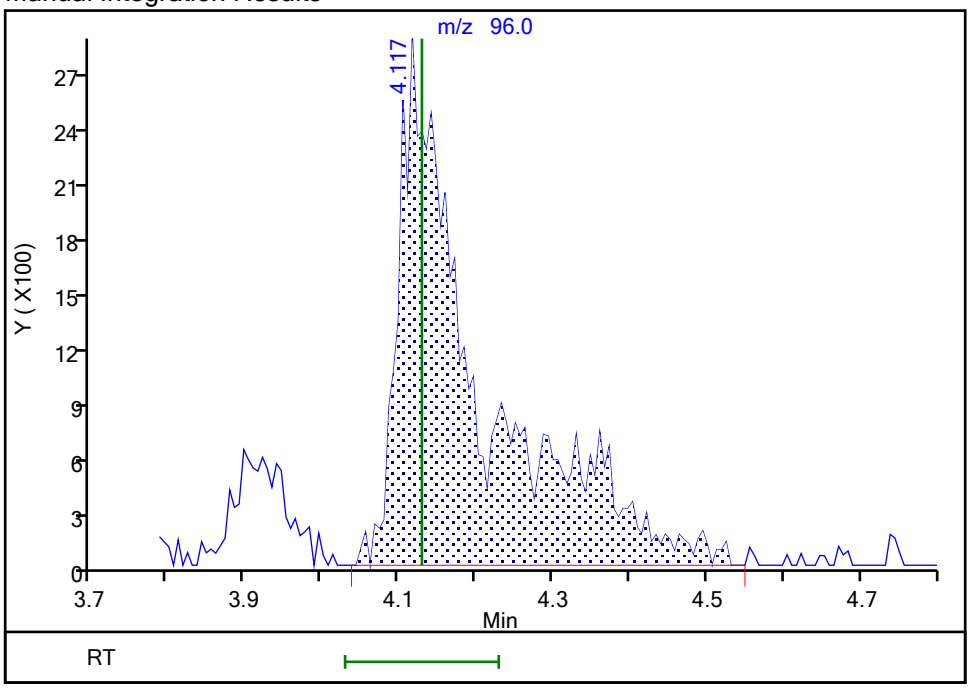
Processing Integration Results

RT: 4.12
Area: 11271
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.12
Area: 20346
Amount: 1000.0000
Amount Units: ug/l



Reviewer: parekhv, 14-Apr-2022 20:46:26
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Instrument ID: CVOAMS11 Start Date: 03/30/2022 23:37

Analysis Batch Number: 836508 End Date: 03/31/2022 05:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-836508/1		03/30/2022 23:37	1	N47425.D	Rtx-624 0.25(mm)
STD7 460-836508/3 IC		03/31/2022 00:26	1	N47427.D	Rtx-624 0.25(mm)
STD1 460-836508/4 IC		03/31/2022 00:49	1	N47428.D	Rtx-624 0.25(mm)
STD5 460-836508/5 IC		03/31/2022 01:12	1	N47429.D	Rtx-624 0.25(mm)
STD20 460-836508/6 ICIS		03/31/2022 01:35	1	N47430.D	Rtx-624 0.25(mm)
STD50 460-836508/7 IC		03/31/2022 01:58	1	N47431.D	Rtx-624 0.25(mm)
STD200 460-836508/8 IC		03/31/2022 02:21	1	N47432.D	Rtx-624 0.25(mm)
STD500 460-836508/9 IC		03/31/2022 02:44	1	N47433.D	Rtx-624 0.25(mm)
ICV 460-836508/17		03/31/2022 05:47	1	N47441.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Instrument ID: CVOAMS11 Start Date: 04/14/2022 07:22

Analysis Batch Number: 839065 End Date: 04/14/2022 17:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-839065/3		04/14/2022 07:22	1	N48061.D	Rtx-624 0.25(mm)
LCS 460-839065/4		04/14/2022 07:46	1	N48062.D	Rtx-624 0.25(mm)
LCSD 460-839065/5		04/14/2022 08:09	1	N48063.D	Rtx-624 0.25(mm)
MB 460-839065/9		04/14/2022 09:41	1	N48067.D	Rtx-624 0.25(mm)
ZZZZZ		04/14/2022 10:04	1		Rtx-624 0.25(mm)
ZZZZZ		04/14/2022 10:26	10		Rtx-624 0.25(mm)
ZZZZZ		04/14/2022 10:49	10		Rtx-624 0.25(mm)
ZZZZZ		04/14/2022 11:12	10		Rtx-624 0.25(mm)
ZZZZZ		04/14/2022 11:35	1		Rtx-624 0.25(mm)
ZZZZZ		04/14/2022 12:21	1		Rtx-624 0.25(mm)
460-256171-11	Trip Blank	04/14/2022 12:44	1	N48075.D	Rtx-624 0.25(mm)
ZZZZZ		04/14/2022 13:07	1		Rtx-624 0.25(mm)
ZZZZZ		04/14/2022 13:30	1		Rtx-624 0.25(mm)
ZZZZZ		04/14/2022 13:53	1		Rtx-624 0.25(mm)
ZZZZZ		04/14/2022 14:15	1		Rtx-624 0.25(mm)
ZZZZZ		04/14/2022 14:38	1		Rtx-624 0.25(mm)
ZZZZZ		04/14/2022 15:01	1		Rtx-624 0.25(mm)
ZZZZZ		04/14/2022 15:24	1		Rtx-624 0.25(mm)
ZZZZZ		04/14/2022 15:47	1		Rtx-624 0.25(mm)
ZZZZZ		04/14/2022 17:18	1		Rtx-624 0.25(mm)
ZZZZZ		04/14/2022 17:41	10		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 04/05/2022 06:31

Analysis Batch Number: 837357 End Date: 04/05/2022 12:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-837357/1		04/05/2022 06:31	1	B85232.D	DB-624 0.18(mm)
STD1 460-837357/4 IC		04/05/2022 07:38	1	B85235.D	DB-624 0.18(mm)
STD5 460-837357/5 IC		04/05/2022 07:59	1	B85236.D	DB-624 0.18(mm)
STD50 460-837357/7 IC		04/05/2022 08:43	1	B85238.D	DB-624 0.18(mm)
STD200 460-837357/8 IC		04/05/2022 09:05	1	B85239.D	DB-624 0.18(mm)
STD500 460-837357/9 IC		04/05/2022 09:28	1	B85240.D	DB-624 0.18(mm)
STD20 460-837357/17 ICIS		04/05/2022 12:25	1	B85248.D	DB-624 0.18(mm)
ICV 460-837357/18		04/05/2022 12:47	1	B85249.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 04/14/2022 16:19

Analysis Batch Number: 839189 End Date: 04/15/2022 02:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/14/2022 16:19	1		DB-624 0.18(mm)
CCVIS 460-839189/3		04/14/2022 16:49	1	B85733.D	DB-624 0.18(mm)
LCS 460-839189/4		04/14/2022 17:12	1	B85734.D	DB-624 0.18(mm)
LCSD 460-839189/5		04/14/2022 17:34	1	B85735.D	DB-624 0.18(mm)
MB 460-839189/9		04/14/2022 19:03	1	B85739.D	DB-624 0.18(mm)
LB3 460-839151/1-A		04/14/2022 19:26	1	B85740.D	DB-624 0.18(mm)
460-256171-1	CC-08	04/14/2022 19:49	1	B85741.D	DB-624 0.18(mm)
460-256171-2	CC-09	04/14/2022 20:11	1	B85742.D	DB-624 0.18(mm)
460-256171-3	CC-10	04/14/2022 20:33	1	B85743.D	DB-624 0.18(mm)
460-256171-4	CC-11	04/14/2022 20:55	1	B85744.D	DB-624 0.18(mm)
460-256171-5	CC-12	04/14/2022 21:16	1	B85745.D	DB-624 0.18(mm)
460-256171-6	CC-13	04/14/2022 21:39	1	B85746.D	DB-624 0.18(mm)
460-256171-7	CC-14	04/14/2022 22:01	1	B85747.D	DB-624 0.18(mm)
460-256171-8	CC-15	04/14/2022 22:23	1	B85748.D	DB-624 0.18(mm)
460-256171-9	CC-16	04/14/2022 22:45	1	B85749.D	DB-624 0.18(mm)
460-256171-10	CC-DUP-01	04/14/2022 23:08	1	B85750.D	DB-624 0.18(mm)
ZZZZZ		04/14/2022 23:30	1		DB-624 0.18(mm)
ZZZZZ		04/14/2022 23:52	1		DB-624 0.18(mm)
ZZZZZ		04/15/2022 00:14	1		DB-624 0.18(mm)
ZZZZZ		04/15/2022 00:36	1		DB-624 0.18(mm)
ZZZZZ		04/15/2022 00:58	1		DB-624 0.18(mm)
ZZZZZ		04/15/2022 01:20	1		DB-624 0.18(mm)
ZZZZZ		04/15/2022 01:42	1		DB-624 0.18(mm)
ZZZZZ		04/15/2022 02:05	1		DB-624 0.18(mm)
ZZZZZ		04/15/2022 02:26	1		DB-624 0.18(mm)
ZZZZZ		04/15/2022 02:48	1		DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Batch Number: 836508 Batch Start Date: 03/30/22 23:37 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00139	524freon 00050	8260 SP 00152	8260ISNEW 00120
BFB 460-836508/1		8260D		5 mL	5				
STD7 460-836508/3 IC		8260D		5 mL	5 mL				1 uL
STD1 460-836508/4 IC		8260D		5 mL	5 mL	10 uL	10 uL		1 uL
STD5 460-836508/5 IC		8260D		5 mL	5 mL		10 uL		1 uL
STD20 460-836508/6 ICIS		8260D		5 mL	5 mL		20 uL		1 uL
STD50 460-836508/7 IC		8260D		5 mL	5 mL		50 uL		1 uL
STD200 460-836508/8 IC		8260D		5 mL	5 mL				1 uL
STD500 460-836508/9 IC		8260D		5 mL	5 mL				1 uL
ICV 460-836508/17		8260D		5 mL	5 mL			20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00151	8260SURR250 00226	8FreonHi 00042	8FreonsSS 00043	ACROLEIN SP 00135	ACROLEIN W 00138
BFB 460-836508/1		8260D							
STD7 460-836508/3 IC		8260D			1 uL				
STD1 460-836508/4 IC		8260D		10 uL	1 uL				4 uL
STD5 460-836508/5 IC		8260D		10 uL	1 uL				4 uL
STD20 460-836508/6 ICIS		8260D		20 uL	1 uL				4 uL
STD50 460-836508/7 IC		8260D		50 uL	1 uL				10 uL
STD200 460-836508/8 IC		8260D			1 uL	20 uL			20 uL
STD500 460-836508/9 IC		8260D			1 uL	50 uL			40 uL
ICV 460-836508/17		8260D			1 uL		20 uL	4 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Batch Number: 836508 Batch Start Date: 03/30/22 23:37 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00098	BFB 00031	Ethanol mix 00062	GAS C SP 00455	GAS Hi 00411	GASES Li 00469
BFB 460-836508/1		8260D			1 uL				
STD7 460-836508/3 IC		8260D		20 uL					2.5 uL
STD1 460-836508/4 IC		8260D							10 uL
STD5 460-836508/5 IC		8260D							10 uL
STD20 460-836508/6 ICIS		8260D							20 uL
STD50 460-836508/7 IC		8260D							50 uL
STD200 460-836508/8 IC		8260D				20 uL		20 uL	
STD500 460-836508/9 IC		8260D				50 uL		50 uL	
ICV 460-836508/17		8260D					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00121	MIX I Hi 00148				
BFB 460-836508/1		8260D							
STD7 460-836508/3 IC		8260D							
STD1 460-836508/4 IC		8260D							
STD5 460-836508/5 IC		8260D							
STD20 460-836508/6 ICIS		8260D							
STD50 460-836508/7 IC		8260D							
STD200 460-836508/8 IC		8260D		20 uL	20 uL				
STD500 460-836508/9 IC		8260D		50 uL	50 uL				
ICV 460-836508/17		8260D							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Batch Number: 836508 Batch Start Date: 03/30/22 23:37 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Batch Number: 839065 Batch Start Date: 04/14/22 07:22 Batch Analyst: Moroney, Christopher J

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00050	8260ISNEW 00120	8260MIX1COMB 00152
CCVIS 460-839065/3		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-839065/4		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCSD 460-839065/5		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-839065/9		8260D		5 mL	5 mL			1 uL	
460-256171-A-11	Trip Blank	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00226	ACROLEIN W 00138	GASES Li 00471			
CCVIS 460-839065/3		8260D		1 uL	4 uL	20 uL			
LCS 460-839065/4		8260D		1 uL	4 uL	20 uL			
LCSD 460-839065/5		8260D		1 uL	4 uL	20 uL			
MB 460-839065/9		8260D		1 uL					
460-256171-A-11	Trip Blank	8260D	T	1 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Batch Number: 839151 Batch Start Date: 04/14/22 11:34 Batch Analyst: Gao, Yong X

Batch Method: 5035 Batch End Date: 04/14/22 11:56

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
LB3 460-839151/1		5035, 8260D		5 g	5 mL				
460-256171-A-1	CC-08	5035, 8260D	T	4.71 g	5 mL				
460-256171-A-2	CC-09	5035, 8260D	T	5.20 g	5 mL				
460-256171-A-3	CC-10	5035, 8260D	T	6.07 g	5 mL				
460-256171-A-4	CC-11	5035, 8260D	T	5.40 g	5 mL				
460-256171-A-5	CC-12	5035, 8260D	T	4.19 g	5 mL				
460-256171-A-6	CC-13	5035, 8260D	T	5.27 g	5 mL				
460-256171-A-7	CC-14	5035, 8260D	T	4.19 g	5 mL				
460-256171-A-8	CC-15	5035, 8260D	T	4.72 g	5 mL				
460-256171-A-9	CC-16	5035, 8260D	T	4.04 g	5 mL				
460-256171-A-10	CC-DUP-01	5035, 8260D	T	4.15 g	5 mL				

Batch Notes	
Balance ID	35
Blank Matrix ID	170485
Pipette/Syringe/Dispenser ID	7
Vial Lot Number	0128701G

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Batch Number: 839189 Batch Start Date: 04/14/22 16:19 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00050	8260ISNEW 00119	8260MIX1COMB 00152	8260SURR250 00227
CCVIS 460-839189/3		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCS 460-839189/4		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCSD 460-839189/5		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
MB 460-839189/9		8260D		5 mL	5 mL		1 uL		1 uL
LB3 460-839151/1-A		8260D		5 mL	5 mL		1 uL		1 uL
460-256171-A-1-B	CC-08	8260D	T	5 mL	5 mL		1 uL		1 uL
460-256171-A-2-B	CC-09	8260D	T	5 mL	5 mL		1 uL		1 uL
460-256171-A-3-B	CC-10	8260D	T	5 mL	5 mL		1 uL		1 uL
460-256171-A-4-B	CC-11	8260D	T	5 mL	5 mL		1 uL		1 uL
460-256171-A-5-B	CC-12	8260D	T	5 mL	5 mL		1 uL		1 uL
460-256171-A-6-B	CC-13	8260D	T	5 mL	5 mL		1 uL		1 uL
460-256171-A-7-B	CC-14	8260D	T	5 mL	5 mL		1 uL		1 uL
460-256171-A-8-B	CC-15	8260D	T	5 mL	5 mL		1 uL		1 uL
460-256171-A-9-B	CC-16	8260D	T	5 mL	5 mL		1 uL		1 uL
460-256171-A-10-B	CC-DUP-01	8260D	T	5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00138	GASES Li 00471				
CCVIS 460-839189/3		8260D		3 uL	2 uL				
LCS 460-839189/4		8260D		3 uL	2 uL				
LCSD 460-839189/5		8260D		3 uL	2 uL				
MB 460-839189/9		8260D							
LB3 460-839151/1-A		8260D							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Batch Number: 839189 Batch Start Date: 04/14/22 16:19 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00138	GASES Li 00471				
460-256171-A-1-B	CC-08	8260D	T						
460-256171-A-2-B	CC-09	8260D	T						
460-256171-A-3-B	CC-10	8260D	T						
460-256171-A-4-B	CC-11	8260D	T						
460-256171-A-5-B	CC-12	8260D	T						
460-256171-A-6-B	CC-13	8260D	T						
460-256171-A-7-B	CC-14	8260D	T						
460-256171-A-8-B	CC-15	8260D	T						
460-256171-A-9-B	CC-16	8260D	T						
460-256171-A-10-B	CC-DUP-01	8260D	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-256171-1

SDG No.:

Project: Bridge Cleaners, Long Island City, NY

Client Sample ID	Lab Sample ID
CC-08	460-256171-1
CC-09	460-256171-2
CC-10	460-256171-3
CC-11	460-256171-4
CC-12	460-256171-5
CC-13	460-256171-6
CC-14	460-256171-7
CC-15	460-256171-8
CC-16	460-256171-9
CC-DUP-01	460-256171-10

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-256171-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-256171-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/14/2022 10:57 End Date: 04/14/2022 10:57

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			10:57																				
460-256171-1	1	T	10:57	X	X																		
460-256171-1 DU	1	T	10:57	X	X																		
460-256171-2	1	T	10:57	X	X																		
460-256171-3	1	T	10:57	X	X																		
460-256171-4	1	T	10:57	X	X																		
460-256171-5	1	T	10:57	X	X																		
460-256171-6	1	T	10:57	X	X																		
460-256171-7	1	T	10:57	X	X																		
460-256171-8	1	T	10:57	X	X																		
460-256171-9	1	T	10:57	X	X																		
460-256171-10	1	T	10:57	X	X																		
ZZZZZZ			10:57																				
ZZZZZZ			10:57																				
ZZZZZZ			10:57																				
ZZZZZZ			10:57																				
ZZZZZZ			10:57																				
ZZZZZZ			10:57																				
ZZZZZZ			10:57																				
ZZZZZZ			10:57																				
ZZZZZZ			10:57																				
ZZZZZZ			10:57																				
ZZZZZZ			10:57																				
ZZZZZZ			10:57																				
ZZZZZZ			10:57																				
ZZZZZZ			10:57																				
ZZZZZZ			10:57																				
ZZZZZZ			10:57																				
ZZZZZZ			10:57																				
ZZZZZZ			10:57																				
ZZZZZZ			10:57																				

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-256171-1

SDG No.:

Batch Number: 839126 Batch Start Date: 04/14/22 10:57 Batch Analyst: Rivera, Omar J

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry	%_Moisture	%_Solid
460-256171-A-1	CC-08	Moisture	T	46	25.23 g	30.39 g	30.19 g	3.8759689922481 %	96.124031007751 9 %
460-256171-A-1 DU	CC-08	Moisture	T	47	23.75 g	28.32 g	28.19 g	2.8446389496718 %	97.155361050328 2 %
460-256171-A-2	CC-09	Moisture	T	48	26.79 g	31.31 g	31.10 g	4.6460176991150 1 %	95.353982300885 %
460-256171-A-3	CC-10	Moisture	T	49	26.25 g	31.56 g	31.35 g	3.954802259887 %	96.045197740113 %
460-256171-A-4	CC-11	Moisture	T	50	28.13 g	33.58 g	33.42 g	2.9357798165138 %	97.064220183486 2 %
460-256171-A-5	CC-12	Moisture	T	51	25.75 g	30.78 g	30.60 g	3.5785288270378 %	96.421471172962 2 %
460-256171-A-6	CC-13	Moisture	T	52	26.95 g	32.79 g	32.59 g	3.4246575342466 1 %	96.575342465753 4 %
460-256171-A-7	CC-14	Moisture	T	53	29.09 g	34.27 g	34.04 g	4.4401544401544 %	95.559845559845 6 %
460-256171-A-8	CC-15	Moisture	T	54	23.27 g	28.95 g	28.80 g	2.6408450704225 %	97.359154929577 5 %
460-256171-A-9	CC-16	Moisture	T	55	22.60 g	26.99 g	26.72 g	6.1503416856492 %	93.849658314350 8 %
460-256171-A-10	CC-DUP-01	Moisture	T	56	28.36 g	33.99 g	33.76 g	4.0852575488455 %	95.914742451154 5 %

Batch Notes	
Balance ID	106
Oven ID	dm-3250
Thermometer ID	dm-3250
Temperature - Start - Uncorrected	100 Degrees C
Oven Temp In	100 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record

636299

eurofins | Environment Testing America

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: Nick Krasnecky	Site Contact: Nick Krasnecky	Date: 4-11-22	COC No:
Company Name: ECC Horizon	Tel/Email: nkrasnecky@echorizon	Lab Contact:	Carrier:	1 of 1 COCs
Address: One Emery Ave Unit 2	Analysis Turnaround Time: 5 Days			Sampler: AN
City/State/Zip: Randolph NJ 07869	☐ CALENDAR DAYS ☒ WORKING DAYS			For Lab Use Only:
Phone: 201-552-0224 Cell	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: Bridge Cleaners	☐ 1 week			
Site:	☐ 2 days			ob / SDG No.: 256171
P O # Bridge Cleaners	☐ 1 day			

460-256171 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL VOC	Sample Specific Notes:
CC-08	4-11-22		G	Concrete	1			✓	-1
CC-09					1			✓	-2
CC-10					1			✓	-3
CC-11					1			✓	-4
CC-12					1			✓	-5
CC-13					1			✓	-6
CC-14					1			✓	-7
CC-15					1			✓	-8
CC-16					1			✓	-9
CC-DUP-01	↓		↓	↓	1			✓	-10
Trip Blank	4-11-22	—	—	Water	2			✓	-11

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Do cs 1.4/1.6°c IR#9

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd:_____ Corr'd:_____	Therm ID No.:_____

	Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
1	[signature]	ECC Horizon	4-11-22 500 PM	[signature]	FET	4/13/22 10:55
2	Relinquished by: [signature]	Company: FET	Date/Time: 4/13/22 1320	Received by: [signature]	Company: FTA	Date/Time: 4/13/22 1326
3	Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 256M1

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.7 ℃	1.6 ℃	Cooler #4:	℃	℃	Cooler #7:	℃	℃
Cooler #2:	℃	℃	Cooler #5:	℃	℃	Cooler #8:	℃	℃
Cooler #3:	℃	℃	Cooler #6:	℃	℃	Cooler #9:	℃	℃

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ Date: 4/13/22

Login Sample Receipt Checklist

Client: Environmental Compliance & Control Inc

Job Number: 460-256171-1

Login Number: 256171
List Number: 1
Creator: Lysy, Susan

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	False	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Job Number: 460-257083-1

Job Description: Bridge Cleaners, Long Island City, NY

For:
Environmental Compliance & Control Inc
1 Emery Avenue
Unit 2
Randolph, NJ 07869

Attention: Nicholas Krasnecky

Approved for release.
Kristyn L Tempe
Manager of Project Management
6/13/2022 1:52 PM

Kristyn L Tempe, Manager of Project Management
777 New Durham Road, Edison, NJ, 08817
(732)549-3900
Kristyn.Tempe@et.eurofinsus.com
06/13/2022
Revision: 1

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Edison and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Edison Project Manager or designee who has signed this report.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Job Number: 460-257083-1

Job Description: Bridge Cleaners, Long Island City, NY

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Approved for release.
Kristyn L Tempe
Manager of Project Management
6/13/2022 1:52 PM

Kristyn L Tempe

Table of Contents

Cover Title Page 1

Data Summaries 7

Report Narrative 7

Sample Summary 10

Detection Summary 11

Method Summary 12

Client Sample Results 13

Surrogate Summary 18

QC Sample Results 20

Definitions 46

QC Association 48

Chronicle 53

Certification Summary 54

Organic Sample Data 55

GC/MS Semi VOA 55

8270E 55

8270E QC Summary 56

8270E Sample Data 85

Standards Data 104

8270E ICAL Data 104

8270E CCAL Data 240

Raw QC Data 282

8270E Tune Data 282

8270E Blank Data 304

8270E LCS/LCSD Data 317

8270E MS/MSD Data 345

Table of Contents

8270E Run Logs 351

8270E Prep Data 357

GC Semi VOA 368

8081B 368

8081B QC Summary 369

8081B Sample Data 386

Standards Data 411

8081B ICAL Data 411

8081B PEM Data 480

8081B CCAL Data 488

Raw QC Data 548

8081B Blank Data 548

8081B LCS/LCSD Data 631

8081B MS/MSD Data 653

8081B Run Logs 657

8081B Prep Data 660

8082A 664

8082A QC Summary 665

8082A Sample Data 679

Standards Data 687

8082A ICAL Data 687

8082A CCAL Data 801

Raw QC Data 821

8082A Blank Data 821

8082A LCS/LCSD Data 839

8082A MS/MSD Data 855

Table of Contents

8082A Run Logs 859

8082A Prep Data 862

Inorganic Sample Data 865

Metals Data 865

Met Cover Page 866

Met Sample Data 867

Met QC Data 869

Met ICV/CCV 869

Met CRQL 876

Met Blanks 877

Met ICSA/ICSAB 890

Met MS/MSD/PDS 894

Met Dup/Trip 901

Met LCS/LCSD 905

Met Serial Dilution 911

Met Calibration 915

Met MDL 938

Met Linear Ranges 946

Met Preparation Log 947

Met Analysis Run Log 951

Met ICP/MS Int Stds 981

Met Prep Data 985

General Chemistry Data 996

Gen Chem Cover Page 997

Gen Chem Sample Data 998

Gen Chem QC Data 999

Table of Contents

Gen Chem ICV/CCV 999

Gen Chem Blanks 1001

Gen Chem MS/MSD/PDS 1002

Gen Chem Duplicates 1004

Gen Chem LCS/LCSD 1005

Gen Chem MDL 1007

Gen Chem Preparation Log 1018

Gen Chem Analysis Run Log 1020

Gen Chem Prep Data 1025

Shipping and Receiving Documents 1032

Client Chain of Custody 1033

Sample Receipt Checklist 1035

CASE NARRATIVE

Client: Environmental Compliance & Control Inc

Project: Bridge Cleaners, Long Island City, NY

Report Number: 460-257083-1
Revision: Metals List

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 04/27/2022; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.4 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

Receipt Exceptions

The following sample was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): SB-12 (460-257083-2). Sample not needed per client 4/29/22.

TCLP SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)
Sample CC-COMP-01 (460-257083-1) was analyzed for TCLP semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Methods 8270E - TCLP/1311. The samples were leached on 04/30/2022, and prepared and analyzed on 05/01/2022.

No difficulties were encountered during the TCLP semivolatiles analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)
Sample CC-COMP-01 (460-257083-1) was analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Methods 8270E. The samples were prepared on 04/28/2022 and analyzed on 04/29/2022.

The continuing calibration verification (CCV) analyzed in batch 460-841837 was outside the method criteria for the following analyte(s): < 2,2'-oxybis[1-chloropropane] and Benzaldehyde>. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-841753 and analytical batch 460-841837 recovered outside control limits for the following analytes: < 2,3,4,6-Tetrachlorophenol, 4-Bromophenyl phenyl ether, Atrazine, Caprolactam and Hexachlorobenzene>. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Surrogate recovery < 2,4,6-Tribromophenol (Surr)> for the following laboratory control sample (LCS) associated with batch 460-841753 were outside the control limits. Sample has been qualified and reported.

Surrogate recovery for the following sample was outside control limits: CC-COMP-01 (460-257083-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

The continuing calibration verification (CCV) analyzed in batch 460-842273 was outside the method criteria for the following analyte(s): <

Hexachlorobutadiene, Pentachlorophenol and Pyridine>. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

2,2'-oxybis[1-chloropropane] failed the recovery criteria low for the MS of sample 460-257020-10 in batch 460-841837.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

PESTICIDES

Sample CC-COMP-01 (460-257083-1) was analyzed for Pesticides in accordance with EPA SW-846 Methods 8081B. The samples were prepared on 04/30/2022 and analyzed on 05/02/2022.

The continuing calibration verification (CCV) associated with batch 460-842342 recovered above the upper control limit for Methoxychlor on the secondary column. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 460-842342/3).

No other difficulties were encountered during the Pesticides analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS

Sample CC-COMP-01 (460-257083-1) was analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared on 04/30/2022 and analyzed on 05/02/2022.

Aroclor 1016 and Aroclor 1260 exceeded the RPD limit for the MSD of sample 460-257224-6 in batch 460-842361.

Refer to the QC report for details.

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

TCLP METALS

Sample CC-COMP-01 (460-257083-1) was analyzed for TCLP Metals in accordance with EPA SW-846 Method 6020B - TCLP/1311. The samples were leached on 04/28/2022, and prepared and analyzed on 05/02/2022.

Barium, Cadmium and Silver failed the recovery criteria low for the MSD of sample 140-27249-6 in batch 460-842402.

Barium failed the recovery criteria low for the MS of sample 140-27249-6 in batch 460-842402.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

for the duplicate of sample 140-27249-6. Refer to the QC report for details.

No other difficulties were encountered during the TCLP Metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL METALS (ICP/MS)

Sample CC-COMP-01 (460-257083-1) was analyzed for Total Metals (ICP/MS) in accordance with EPA SW-846 Method 6020B. The samples were prepared on 05/01/2022 and analyzed on 05/02/2022.

Antimony, Chromium and Calcium failed the recovery criteria low for the MS of sample CC-COMP-01MS (460-257083-1) in batch 460-842402. Aluminum and Magnesium failed the recovery criteria high.

Refer to the QC report for details.

Chromium exceeded the RPD limit for the duplicate of sample CC-COMP-01DU (460-257083-1). Refer to the QC report for details.

Sample CC-COMP-01 (460-257083-1)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

TCLP MERCURY
Sample CC-COMP-01 (460-257083-1) was analyzed for TCLP mercury in accordance with EPA SW-846 Methods 1311/7470A. The samples were leached on 04/28/2022, and prepared and analyzed on 04/29/2022.

No difficulties were encountered during the TCLP Hg analysis.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY
Sample CC-COMP-01 (460-257083-1) was analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 05/02/2022.

Mercury failed the recovery criteria high for the MS of sample 460-255935-1 in batch 460-842377.

Refer to the QC report for details.

No other difficulties were encountered during the Hg analysis.

All other quality control parameters were within the acceptance limits.

IGNITABILITY
Sample CC-COMP-01 (460-257083-1) was analyzed for Ignitability in accordance with EPA SW-846 Method 1030. The samples were analyzed on 05/01/2022.

No difficulties were encountered during the Ignitability analysis.

All quality control parameters were within the acceptance limits.

REACTIVE CYANIDE
Sample CC-COMP-01 (460-257083-1) was analyzed for reactive cyanide in accordance with EPA SW-846 Method 7.3.3/9014. The samples were prepared and analyzed on 05/02/2022.

No difficulties were encountered during the reactive cyanide analysis.

All quality control parameters were within the acceptance limits.

REACTIVE SULFIDE
Sample CC-COMP-01 (460-257083-1) was analyzed for reactive sulfide in accordance with EPA SW-846 Method 7.3.4/9034. The samples were prepared and analyzed on 05/02/2022.

Sulfide, Reactive failed the recovery criteria low for the MS of sample 460-257197-1 in batch 460-842464.

Sulfide, Reactive failed the recovery criteria low for the MSD of sample 460-257197-1 in batch 460-842464.

Refer to the QC report for details.

No other difficulties were encountered during the reactive sulfide analysis.

All other quality control parameters were within the acceptance limits.

CORROSIVITY (PH)
Sample CC-COMP-01 (460-257083-1) was analyzed for corrosivity (pH) in accordance with EPA SW-846 Method 9045D. The samples were analyzed on 05/02/2022.

No difficulties were encountered during the corrosivity (pH) analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE
Sample CC-COMP-01 (460-257083-1) was analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 05/02/2022.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: Environmental Compliance & Control Inc
Job ID: 460-257083-1
Project/Site: Bridge Cleaners, Long Island City, NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-257083-1	CC-COMP-01	Solid	04/27/22 09:30	04/27/22 17:00

Detection Summary

Client: Environmental Compliance & Control Inc
Job ID: 460-257083-1
Project/Site: Bridge Cleaners, Long Island City, NY

Client Sample ID: CC-COMP-01
Lab Sample ID: 460-257083-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	190	J	330	18	ug/Kg	1	☼	8270E	Total/NA
4,4'-DDE	3.2	J	6.8	0.80	ug/Kg	1	☼	8081B	Total/NA
Aluminum	4940		20.3	5.6	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.1		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	34.8		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.21	J	0.41	0.058	mg/Kg	1	☼	6020B	Total/NA
Calcium	60700		405	71.7	mg/Kg	4	☼	6020B	Total/NA
Cobalt	2.6		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Chromium	92.2		2.0	0.92	mg/Kg	1	☼	6020B	Total/NA
Copper	4.9		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	6880		60.8	20.5	mg/Kg	1	☼	6020B	Total/NA
Potassium	937		101	16.4	mg/Kg	1	☼	6020B	Total/NA
Magnesium	10200		101	10.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	147		4.1	0.41	mg/Kg	1	☼	6020B	Total/NA
Sodium	913		101	46.3	mg/Kg	1	☼	6020B	Total/NA
Nickel	5.1		2.0	0.48	mg/Kg	1	☼	6020B	Total/NA
Lead	3.4		0.61	0.20	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.050	J	0.41	0.042	mg/Kg	1	☼	6020B	Total/NA
Vanadium	8.8		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	13.7		8.1	3.1	mg/Kg	1	☼	6020B	Total/NA
Barium	102		40.0	9.1	ug/L	10		6020B	TCLP
pH	12.2	HF			SU	1		9045D	Total/NA
Temperature	23.2	HF			Degrees C	1		9045D	Total/NA
Corrosivity	12.2	HF			SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Environmental Compliance & Control Inc
Job ID: 460-257083-1
Project/Site: Bridge Cleaners, Long Island City, NY

Method	Method Description	Protocol	Laboratory
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	TAL EDI
8081B	Organochlorine Pesticides (GC)	SW846	TAL EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL EDI
6020B	Metals (ICP/MS)	SW846	TAL EDI
7470A	Mercury (CVAA)	SW846	TAL EDI
7471B	Mercury (CVAA)	SW846	TAL EDI
1030	Ignitability, Solids	SW846	TAL EDI
9014	Cyanide, Reactive	SW846	TAL EDI
9034	Sulfide, Reactive	SW846	TAL EDI
9045D	pH	SW846	TAL EDI
Moisture	Percent Moisture	EPA	TAL EDI
1311	TCLP Extraction	SW846	TAL EDI
3010A	Preparation, Total Metals	SW846	TAL EDI
3050B	Preparation, Metals	SW846	TAL EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL EDI
3546	Microwave Extraction	SW846	TAL EDI
7.3.3	Cyanide, Reactive	SW846	TAL EDI
7.3.4	Sulfide, Reactive	SW846	TAL EDI
7470A	Preparation, Mercury	SW846	TAL EDI
7471B	Preparation, Mercury	SW846	TAL EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: CC-COMP-01
Date Collected: 04/27/22 09:30
Date Received: 04/27/22 17:00

Lab Sample ID: 460-257083-1
Matrix: Solid

Method: 8270E - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00044	U	0.010	0.00044	mg/L		05/01/22 06:58	05/01/22 21:34	1
2,4,5-Trichlorophenol	0.00088	U	0.010	0.00088	mg/L		05/01/22 06:58	05/01/22 21:34	1
2,4,6-Trichlorophenol	0.00086	U	0.010	0.00086	mg/L		05/01/22 06:58	05/01/22 21:34	1
2,4-Dinitrotoluene	0.0010	U	0.0020	0.0010	mg/L		05/01/22 06:58	05/01/22 21:34	1
2-Methylphenol	0.00067	U	0.010	0.00067	mg/L		05/01/22 06:58	05/01/22 21:34	1
3 & 4 Methylphenol	0.00064	U	0.010	0.00064	mg/L		05/01/22 06:58	05/01/22 21:34	1
Hexachlorobenzene	0.00040	U	0.0010	0.00040	mg/L		05/01/22 06:58	05/01/22 21:34	1
Hexachlorobutadiene	0.00078	U	0.0020	0.00078	mg/L		05/01/22 06:58	05/01/22 21:34	1
Hexachloroethane	0.00080	U	0.0020	0.00080	mg/L		05/01/22 06:58	05/01/22 21:34	1
Nitrobenzene	0.00057	U	0.0010	0.00057	mg/L		05/01/22 06:58	05/01/22 21:34	1
Pentachlorophenol	0.0014	U	0.030	0.0014	mg/L		05/01/22 06:58	05/01/22 21:34	1
Pyridine	0.0019	U	0.010	0.0019	mg/L		05/01/22 06:58	05/01/22 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*135*		*37 - 150*	*05/01/22 06:58*	*05/01/22 21:34*	*1*
2-Fluorobiphenyl	*108*		*46 - 139*	*05/01/22 06:58*	*05/01/22 21:34*	*1*
2-Fluorophenol (Surr)	*57*		*19 - 80*	*05/01/22 06:58*	*05/01/22 21:34*	*1*
Nitrobenzene-d5 (Surr)	*111*		*52 - 137*	*05/01/22 06:58*	*05/01/22 21:34*	*1*
Phenol-d5 (Surr)	*36*		*10 - 56*	*05/01/22 06:58*	*05/01/22 21:34*	*1*
Terphenyl-d14 (Surr)	*86*		*22 - 150*	*05/01/22 06:58*	*05/01/22 21:34*	*1*

Method: 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	2.9	U	20.0	2.9	ug/L		05/02/22 10:12	05/02/22 16:33	10
Arsenic	8.9	U	20.0	8.9	ug/L		05/02/22 10:12	05/02/22 16:33	10
Barium	**102**		40.0	9.1	ug/L		05/02/22 10:12	05/02/22 16:33	10
Cadmium	3.9	U	20.0	3.9	ug/L		05/02/22 10:12	05/02/22 16:33	10
Chromium	25.0	U	40.0	25.0	ug/L		05/02/22 10:12	05/02/22 16:33	10
Lead	8.4	U	12.0	8.4	ug/L		05/02/22 10:12	05/02/22 16:33	10
Selenium	5.9	U	25.0	5.9	ug/L		05/02/22 10:12	05/02/22 16:33	10
Nickel	9.1	U	40.0	9.1	ug/L		05/02/22 10:12	05/02/22 16:33	10

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000091	U	0.00020	0.000091	mg/L		04/29/22 14:31	04/29/22 16:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate	2.20	U	2.20	2.20	mm/sec			05/01/22 14:36	1
Cyanide, Reactive	25.0	U	25.0	25.0	mg/Kg		05/02/22 12:30	05/02/22 17:15	1
Sulfide, Reactive	20.0	U	20.0	20.0	mg/Kg		05/02/22 12:30	05/02/22 17:15	1
pH	**12.2**	**HF**			SU			05/02/22 15:16	1
Temperature	**23.2**	**HF**			Degrees C			05/02/22 15:16	1
Corrosivity	**12.2**	**HF**			SU			05/02/22 15:16	1

Client Sample ID: CC-COMP-01
Date Collected: 04/27/22 09:30
Date Received: 04/27/22 17:00

Lab Sample ID: 460-257083-1
Matrix: Solid
Percent Solids: 98.7

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	12	U	330	12	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
1,2,4,5-Tetrachlorobenzene	10	U	330	10	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
2,2'-oxybis[1-chloropropane]	6.1	U	330	6.1	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
2,3,4,6-Tetrachlorophenol	23	U *+	330	23	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
2,4,5-Trichlorophenol	34	U	330	34	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
2,4,6-Trichlorophenol	43	U	130	43	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
2,4-Dichlorophenol	21	U	130	21	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
2,4-Dimethylphenol	40	U	330	40	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
2,4-Dinitrophenol	160	U	270	160	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
2,4-Dinitrotoluene	36	U	68	36	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
2,6-Dinitrotoluene	24	U	68	24	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
2-Chloronaphthalene	15	U	330	15	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
2-Chlorophenol	12	U	330	12	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
2-Methylnaphthalene	9.4	U	330	9.4	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
2-Methylphenol	12	U	330	12	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
2-Nitroaniline	26	U	330	26	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
2-Nitrophenol	34	U	330	34	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
3,3'-Dichlorobenzidine	51	U	130	51	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
3-Nitroaniline	79	U	330	79	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
4,6-Dinitro-2-methylphenol	140	U	270	140	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
4-Bromophenyl phenyl ether	13	U *+	330	13	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
4-Chloro-3-methylphenol	19	U	330	19	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
4-Chloroaniline	59	U	330	59	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
4-Chlorophenyl phenyl ether	12	U	330	12	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
4-Methylphenol	21	U	330	21	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
4-Nitroaniline	38	U	330	38	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
4-Nitrophenol	55	U	680	55	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Acenaphthene	9.5	U	330	9.5	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Acenaphthylene	9.6	U	330	9.6	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Acetophenone	16	U	330	16	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Anthracene	10	U	330	10	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Atrazine	20	U *+	130	20	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Benzaldehyde	55	U	330	55	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Benzo[a]anthracene	12	U	33	12	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Benzo[a]pyrene	8.9	U	33	8.9	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Benzo[b]fluoranthene	8.7	U	33	8.7	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Benzo[g,h,i]perylene	9.9	U	330	9.9	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Benzo[k]fluoranthene	6.6	U	33	6.6	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Bis(2-chloroethoxy)methane	26	U	330	26	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Bis(2-chloroethyl)ether	12	U	33	12	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Bis(2-ethylhexyl) phthalate	**190**	**J**	330	18	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Butyl benzyl phthalate	16	U	330	16	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Caprolactam	52	U *+	330	52	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Carbazole	13	U	330	13	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Chrysene	5.7	U	330	5.7	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Dibenz(a,h)anthracene	14	U	33	14	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Dibenzofuran	11	U	330	11	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Diethyl phthalate	11	U	330	11	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Dimethyl phthalate	76	U	330	76	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1

Client Sample ID: CC-COMP-01
Date Collected: 04/27/22 09:30
Date Received: 04/27/22 17:00

Lab Sample ID: 460-257083-1
Matrix: Solid
Percent Solids: 98.7

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	13	U	330	13	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Di-n-octyl phthalate	18	U	330	18	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Fluoranthene	12	U	330	12	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Fluorene	9.8	U	330	9.8	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Hexachlorobenzene	16	U *+	33	16	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Hexachlorobutadiene	7.1	U	68	7.1	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Hexachlorocyclopentadiene	29	U	330	29	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Hexachloroethane	11	U	33	11	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Indeno[1,2,3-cd]pyrene	13	U	33	13	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Isophorone	97	U	130	97	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Naphthalene	5.8	U	330	5.8	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Nitrobenzene	19	U	33	19	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
N-Nitrosodi-n-propylamine	24	U	33	24	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
N-Nitrosodiphenylamine	28	U	330	28	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Pentachlorophenol	69	U	270	69	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Phenanthrene	5.9	U	330	5.9	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Phenol	12	U	330	12	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1
Pyrene	8.3	U	330	8.3	ug/Kg	☼	04/28/22 10:05	04/29/22 01:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0.4*	*S1-*	*10 - 123*	*04/28/22 10:05*	*04/29/22 01:05*	*1*
2-Fluorobiphenyl	*75*		*22 - 122*	*04/28/22 10:05*	*04/29/22 01:05*	*1*
2-Fluorophenol (Surr)	*5*	*S1-*	*18 - 123*	*04/28/22 10:05*	*04/29/22 01:05*	*1*
Nitrobenzene-d5 (Surr)	*61*		*16 - 125*	*04/28/22 10:05*	*04/29/22 01:05*	*1*
Phenol-d5 (Surr)	*36*		*23 - 120*	*04/28/22 10:05*	*04/29/22 01:05*	*1*
Terphenyl-d14 (Surr)	*86*		*25 - 126*	*04/28/22 10:05*	*04/29/22 01:05*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	1.2	U	6.8	1.2	ug/Kg	☼	04/30/22 18:29	05/02/22 05:20	1
4,4'-DDE	**3.2**	**J**	6.8	0.80	ug/Kg	☼	04/30/22 18:29	05/02/22 05:20	1
4,4'-DDT	1.2	U	6.8	1.2	ug/Kg	☼	04/30/22 18:29	05/02/22 05:20	1
Aldrin	1.0	U	6.8	1.0	ug/Kg	☼	04/30/22 18:29	05/02/22 05:20	1
alpha-BHC	0.69	U	2.0	0.69	ug/Kg	☼	04/30/22 18:29	05/02/22 05:20	1
beta-BHC	0.76	U	2.0	0.76	ug/Kg	☼	04/30/22 18:29	05/02/22 05:20	1
Chlordane (technical)	16	U	68	16	ug/Kg	☼	04/30/22 18:29	05/02/22 05:20	1
delta-BHC	0.42	U	2.0	0.42	ug/Kg	☼	04/30/22 18:29	05/02/22 05:20	1
Dieldrin	0.88	U	2.0	0.88	ug/Kg	☼	04/30/22 18:29	05/02/22 05:20	1
Endosulfan I	1.0	U	6.8	1.0	ug/Kg	☼	04/30/22 18:29	05/02/22 05:20	1
Endosulfan II	1.7	U	6.8	1.7	ug/Kg	☼	04/30/22 18:29	05/02/22 05:20	1
Endosulfan sulfate	0.85	U	6.8	0.85	ug/Kg	☼	04/30/22 18:29	05/02/22 05:20	1
Endrin	0.97	U	6.8	0.97	ug/Kg	☼	04/30/22 18:29	05/02/22 05:20	1
Endrin aldehyde	1.6	U	6.8	1.6	ug/Kg	☼	04/30/22 18:29	05/02/22 05:20	1
Endrin ketone	1.3	U	6.8	1.3	ug/Kg	☼	04/30/22 18:29	05/02/22 05:20	1
gamma-BHC (Lindane)	0.63	U	2.0	0.63	ug/Kg	☼	04/30/22 18:29	05/02/22 05:20	1
Heptachlor	0.80	U	6.8	0.80	ug/Kg	☼	04/30/22 18:29	05/02/22 05:20	1
Heptachlor epoxide	1.0	U	6.8	1.0	ug/Kg	☼	04/30/22 18:29	05/02/22 05:20	1
Methoxychlor	1.5	U	6.8	1.5	ug/Kg	☼	04/30/22 18:29	05/02/22 05:20	1
Toxaphene	25	U	68	25	ug/Kg	☼	04/30/22 18:29	05/02/22 05:20	1

Client Sample ID: CC-COMP-01
Date Collected: 04/27/22 09:30
Date Received: 04/27/22 17:00

Lab Sample ID: 460-257083-1
Matrix: Solid
Percent Solids: 98.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*82*		*43 - 150*	*04/30/22 18:29*	*05/02/22 05:20*	*1*
DCB Decachlorobiphenyl	*73*		*43 - 150*	*04/30/22 18:29*	*05/02/22 05:20*	*1*
Tetrachloro-m-xylene	*64*		*26 - 137*	*04/30/22 18:29*	*05/02/22 05:20*	*1*
Tetrachloro-m-xylene	*58*		*26 - 137*	*04/30/22 18:29*	*05/02/22 05:20*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	18	U	68	18	ug/Kg	☼	04/30/22 18:25	05/02/22 08:48	1
Aroclor 1221	18	U	68	18	ug/Kg	☼	04/30/22 18:25	05/02/22 08:48	1
Aroclor 1232	18	U	68	18	ug/Kg	☼	04/30/22 18:25	05/02/22 08:48	1
Aroclor 1242	18	U	68	18	ug/Kg	☼	04/30/22 18:25	05/02/22 08:48	1
Aroclor 1248	18	U	68	18	ug/Kg	☼	04/30/22 18:25	05/02/22 08:48	1
Aroclor 1254	18	U	68	18	ug/Kg	☼	04/30/22 18:25	05/02/22 08:48	1
Aroclor 1260	18	U	68	18	ug/Kg	☼	04/30/22 18:25	05/02/22 08:48	1
Aroclor-1262	18	U	68	18	ug/Kg	☼	04/30/22 18:25	05/02/22 08:48	1
Aroclor 1268	18	U	68	18	ug/Kg	☼	04/30/22 18:25	05/02/22 08:48	1
Polychlorinated biphenyls, Total	18	U	68	18	ug/Kg	☼	04/30/22 18:25	05/02/22 08:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*136*		*10 - 150*	*04/30/22 18:25*	*05/02/22 08:48*	*1*
DCB Decachlorobiphenyl	*132*		*10 - 150*	*04/30/22 18:25*	*05/02/22 08:48*	*1*
Tetrachloro-m-xylene	*112*		*42 - 150*	*04/30/22 18:25*	*05/02/22 08:48*	*1*
Tetrachloro-m-xylene	*112*		*42 - 150*	*04/30/22 18:25*	*05/02/22 08:48*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.090	U	0.41	0.090	mg/Kg	☼	05/01/22 07:45	05/02/22 21:18	1
Aluminum	**4940**		20.3	5.6	mg/Kg	☼	05/01/22 07:45	05/02/22 21:18	1
Arsenic	**2.1**		1.0	0.10	mg/Kg	☼	05/01/22 07:45	05/02/22 21:18	1
Barium	**34.8**		2.0	0.15	mg/Kg	☼	05/01/22 07:45	05/02/22 21:18	1
Beryllium	**0.21**	**J**	0.41	0.058	mg/Kg	☼	05/01/22 07:45	05/02/22 21:18	1
Calcium	**60700**		405	71.7	mg/Kg	☼	05/01/22 07:45	05/02/22 23:07	4
Cadmium	0.11	U	1.0	0.11	mg/Kg	☼	05/01/22 07:45	05/02/22 21:18	1
Cobalt	**2.6**		2.0	0.15	mg/Kg	☼	05/01/22 07:45	05/02/22 21:18	1
Chromium	**92.2**		2.0	0.92	mg/Kg	☼	05/01/22 07:45	05/02/22 21:18	1
Copper	**4.9**		2.0	0.37	mg/Kg	☼	05/01/22 07:45	05/02/22 21:18	1
Iron	**6880**		60.8	20.5	mg/Kg	☼	05/01/22 07:45	05/02/22 21:18	1
Potassium	**937**		101	16.4	mg/Kg	☼	05/01/22 07:45	05/02/22 21:18	1
Magnesium	**10200**		101	10.3	mg/Kg	☼	05/01/22 07:45	05/02/22 21:18	1
Manganese	**147**		4.1	0.41	mg/Kg	☼	05/01/22 07:45	05/02/22 21:18	1
Sodium	**913**		101	46.3	mg/Kg	☼	05/01/22 07:45	05/02/22 21:18	1
Nickel	**5.1**		2.0	0.48	mg/Kg	☼	05/01/22 07:45	05/02/22 21:18	1
Lead	**3.4**		0.61	0.20	mg/Kg	☼	05/01/22 07:45	05/02/22 21:18	1
Antimony	0.15	U F1	1.0	0.15	mg/Kg	☼	05/01/22 07:45	05/02/22 21:18	1
Selenium	0.13	U	1.3	0.13	mg/Kg	☼	05/01/22 07:45	05/02/22 21:18	1
Thallium	**0.050**	**J**	0.41	0.042	mg/Kg	☼	05/01/22 07:45	05/02/22 21:18	1
Vanadium	**8.8**		2.0	0.21	mg/Kg	☼	05/01/22 07:45	05/02/22 21:18	1
Zinc	**13.7**		8.1	3.1	mg/Kg	☼	05/01/22 07:45	05/02/22 21:18	1

Client Sample ID: CC-COMP-01
Lab Sample ID: 460-257083-1
Date Collected: 04/27/22 09:30
Matrix: Solid
Date Received: 04/27/22 17:00
Percent Solids: 98.7

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0076	U	0.016	0.0076	mg/Kg	☼	05/02/22 00:11	05/02/22 03:56	1

Surrogate Summary

Client: Environmental Compliance & Control Inc
Job ID: 460-257083-1
Project/Site: Bridge Cleaners, Long Island City, NY

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(10-123)	(22-122)	(18-123)	(16-125)	(23-120)	(25-126)
460-257020-E-10-A MS	Matrix Spike	110	89	66	65	69	98
460-257020-E-10-B MSD	Matrix Spike Duplicate	104	88	69	68	71	98
460-257083-1	CC-COMP-01	0.4 S1-	75	5 S1-	61	36	86
LCS 460-841753/2-A	Lab Control Sample	125 S1+	100	83	82	81	114
LCSD 460-841753/3-A	Lab Control Sample Dup	123	100	83	78	82	113
MB 460-841753/1-A	Method Blank	123	101	83	78	82	113

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(37-150)	(46-139)	(19-80)	(52-137)	(10-56)	(22-150)
LCS 460-842255/2-A	Lab Control Sample	73	83	51	89	36	87
LCSD 460-842255/3-A	Lab Control Sample Dup	72	84	53	89	38	87
MB 460-842255/1-A	Method Blank	67	84	50	88	33	89

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(37-150)	(46-139)	(19-80)	(52-137)	(10-56)	(22-150)
460-257083-1	CC-COMP-01	135	108	57	111	36	86
LB 460-842221/1-B	Method Blank	128	105	55	109	36	107

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Surrogate Summary

Client: Environmental Compliance & Control Inc
Job ID: 460-257083-1
Project/Site: Bridge Cleaners, Long Island City, NY

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(43-150)	(43-150)	(26-137)	(26-137)
460-257083-1	CC-COMP-01	73	82	58	64
460-257224-A-6-G MS	Matrix Spike	46	81	50	65
460-257224-A-6-H MSD	Matrix Spike Duplicate	53	65	54	56
LCS 460-842217/2-A	Lab Control Sample	65	70	71	64
LCSD 460-842217/3-A	Lab Control Sample Dup	66	69	71	63
MB 460-842217/1-A	Method Blank	87	89	83	82

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(42-150)	(42-150)
460-257083-1	CC-COMP-01	132	136	112	112
460-257224-A-6-D MS	Matrix Spike	68	103	63	88
460-257224-A-6-E MSD	Matrix Spike Duplicate	69	99	65	85
LCS 460-842215/2-A	Lab Control Sample	86	89	80	80
LCSD 460-842215/3-A	Lab Control Sample Dup	87	92	82	85
MB 460-842215/1-A	Method Blank	98	106	91	95

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-841753/1-A
Matrix: Solid
Analysis Batch: 841837

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 841753

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	12	U	330	12	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
1,2,4,5-Tetrachlorobenzene	10	U	330	10	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
2,2'-oxybis[1-chloropropane]	6.0	U	330	6.0	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
2,3,4,6-Tetrachlorophenol	22	U	330	22	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
2,4,5-Trichlorophenol	34	U	330	34	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
2,4,6-Trichlorophenol	42	U	130	42	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
2,4-Dichlorophenol	21	U	130	21	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
2,4-Dimethylphenol	39	U	330	39	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
2,4-Dinitrophenol	160	U	270	160	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
2,4-Dinitrotoluene	36	U	67	36	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
2,6-Dinitrotoluene	24	U	67	24	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
2-Chloronaphthalene	15	U	330	15	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
2-Chlorophenol	12	U	330	12	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
2-Methylnaphthalene	9.3	U	330	9.3	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
2-Methylphenol	12	U	330	12	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
2-Nitroaniline	25	U	330	25	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
2-Nitrophenol	33	U	330	33	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
3,3'-Dichlorobenzidine	50	U	130	50	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
3-Nitroaniline	79	U	330	79	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
4,6-Dinitro-2-methylphenol	140	U	270	140	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
4-Bromophenyl phenyl ether	13	U	330	13	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
4-Chloro-3-methylphenol	19	U	330	19	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
4-Chloroaniline	59	U	330	59	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
4-Chlorophenyl phenyl ether	12	U	330	12	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
4-Methylphenol	21	U	330	21	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
4-Nitroaniline	38	U	330	38	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
4-Nitrophenol	54	U	670	54	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Acenaphthene	9.4	U	330	9.4	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Acenaphthylene	9.5	U	330	9.5	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Acetophenone	16	U	330	16	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Anthracene	10	U	330	10	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Atrazine	19	U	130	19	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Benzaldehyde	55	U	330	55	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Benzo[a]anthracene	12	U	33	12	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Benzo[a]pyrene	8.8	U	33	8.8	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Benzo[b]fluoranthene	8.6	U	33	8.6	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Benzo[g,h,i]perylene	9.8	U	330	9.8	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Benzo[k]fluoranthene	6.5	U	33	6.5	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Bis(2-chloroethoxy)methane	26	U	330	26	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Bis(2-chloroethyl)ether	12	U	33	12	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Bis(2-ethylhexyl) phthalate	17	U	330	17	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Butyl benzyl phthalate	16	U	330	16	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Caprolactam	51	U	330	51	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Carbazole	13	U	330	13	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Chrysene	5.6	U	330	5.6	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Dibenz(a,h)anthracene	14	U	33	14	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Dibenzofuran	11	U	330	11	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Diethyl phthalate	11	U	330	11	ug/Kg		04/28/22 10:05	04/28/22 22:18	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-841753/1-A
Matrix: Solid
Analysis Batch: 841837

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 841753

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	75	U	330	75	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Di-n-butyl phthalate	12	U	330	12	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Di-n-octyl phthalate	18	U	330	18	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Fluoranthene	12	U	330	12	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Fluorene	9.7	U	330	9.7	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Hexachlorobenzene	16	U	33	16	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Hexachlorobutadiene	7.0	U	67	7.0	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Hexachlorocyclopentadiene	29	U	330	29	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Hexachloroethane	11	U	33	11	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Indeno[1,2,3-cd]pyrene	13	U	33	13	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Isophorone	96	U	130	96	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Naphthalene	5.7	U	330	5.7	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Nitrobenzene	18	U	33	18	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
N-Nitrosodi-n-propylamine	24	U	33	24	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
N-Nitrosodiphenylamine	27	U	330	27	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Pentachlorophenol	68	U	270	68	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Phenanthrene	5.8	U	330	5.8	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Phenol	12	U	330	12	ug/Kg		04/28/22 10:05	04/28/22 22:18	1
Pyrene	8.2	U	330	8.2	ug/Kg		04/28/22 10:05	04/28/22 22:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*123*		*10 - 123*	*04/28/22 10:05*	*04/28/22 22:18*	*1*
2-Fluorobiphenyl	*101*		*22 - 122*	*04/28/22 10:05*	*04/28/22 22:18*	*1*
2-Fluorophenol (Surr)	*83*		*18 - 123*	*04/28/22 10:05*	*04/28/22 22:18*	*1*
Nitrobenzene-d5 (Surr)	*78*		*16 - 125*	*04/28/22 10:05*	*04/28/22 22:18*	*1*
Phenol-d5 (Surr)	*82*		*23 - 120*	*04/28/22 10:05*	*04/28/22 22:18*	*1*
Terphenyl-d14 (Surr)	*113*		*25 - 126*	*04/28/22 10:05*	*04/28/22 22:18*	*1*

Lab Sample ID: LCS 460-841753/2-A
Matrix: Solid
Analysis Batch: 841837

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 841753

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3330	3680		ug/Kg		110	59 - 120
1,2,4,5-Tetrachlorobenzene	3330	3970		ug/Kg		119	60 - 120
2,2'-oxybis[1-chloropropane]	3330	2000		ug/Kg		60	49 - 126
2,3,4,6-Tetrachlorophenol	3330	4050	*+	ug/Kg		122	54 - 120
2,4,5-Trichlorophenol	3330	3830		ug/Kg		115	59 - 120
2,4,6-Trichlorophenol	3330	3770		ug/Kg		113	58 - 120
2,4-Dichlorophenol	3330	3860		ug/Kg		116	66 - 120
2,4-Dimethylphenol	3330	3380		ug/Kg		101	67 - 120
2,4-Dinitrophenol	6670	6790		ug/Kg		102	36 - 129
2,4-Dinitrotoluene	3330	3770		ug/Kg		113	65 - 124
2,6-Dinitrotoluene	3330	3790		ug/Kg		114	67 - 121
2-Chloronaphthalene	3330	3660		ug/Kg		110	60 - 120
2-Chlorophenol	3330	3210		ug/Kg		96	63 - 120
2-Methylnaphthalene	3330	3370		ug/Kg		101	64 - 120
2-Methylphenol	3330	3030		ug/Kg		91	63 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-841753/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 841837
Prep Batch: 841753

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Nitroaniline	3330	3000		ug/Kg		90	48 - 120
2-Nitrophenol	3330	3470		ug/Kg		104	64 - 120
3,3'-Dichlorobenzidine	3330	1810		ug/Kg		54	13 - 136
3-Nitroaniline	3330	2490		ug/Kg		75	39 - 122
4,6-Dinitro-2-methylphenol	6670	7430		ug/Kg		111	50 - 136
4-Bromophenyl phenyl ether	3330	4160	*+	ug/Kg		125	67 - 120
4-Chloro-3-methylphenol	3330	3420		ug/Kg		103	66 - 120
4-Chloroaniline	3330	1470		ug/Kg		44	15 - 128
4-Chlorophenyl phenyl ether	3330	3780		ug/Kg		114	62 - 120
4-Methylphenol	3330	3000		ug/Kg		90	61 - 120
4-Nitroaniline	3330	3120		ug/Kg		94	55 - 120
4-Nitrophenol	6670	5670		ug/Kg		85	52 - 123
Acenaphthene	3330	3140		ug/Kg		94	49 - 120
Acenaphthylene	3330	3430		ug/Kg		103	64 - 120
Acetophenone	3330	2840		ug/Kg		85	61 - 120
Anthracene	3330	3630		ug/Kg		109	67 - 120
Atrazine	1330	2220	*+	ug/Kg		166	29 - 150
Benzaldehyde	1330	1310		ug/Kg		98	34 - 150
Benzo[a]anthracene	3330	3670		ug/Kg		110	62 - 120
Benzo[a]pyrene	3330	3400		ug/Kg		102	73 - 123
Benzo[b]fluoranthene	3330	3800		ug/Kg		114	70 - 125
Benzo[g,h,i]perylene	3330	3680		ug/Kg		111	66 - 120
Benzo[k]fluoranthene	3330	3780		ug/Kg		113	67 - 122
Bis(2-chloroethoxy)methane	3330	2980		ug/Kg		89	62 - 120
Bis(2-chloroethyl)ether	3330	2820		ug/Kg		84	60 - 120
Bis(2-ethylhexyl) phthalate	3330	3710		ug/Kg		111	59 - 125
Butyl benzyl phthalate	3330	3760		ug/Kg		113	62 - 127
Caprolactam	1330	2190	*+	ug/Kg		164	36 - 150
Carbazole	3330	3580		ug/Kg		107	64 - 120
Chrysene	3330	3620		ug/Kg		108	63 - 120
Dibenz(a,h)anthracene	3330	3820		ug/Kg		115	66 - 128
Dibenzofuran	3330	3730		ug/Kg		112	61 - 120
Diethyl phthalate	3330	3660		ug/Kg		110	63 - 120
Dimethyl phthalate	3330	3770		ug/Kg		113	65 - 120
Di-n-butyl phthalate	3330	3590		ug/Kg		108	66 - 120
Di-n-octyl phthalate	3330	3720		ug/Kg		112	65 - 133
Fluoranthene	3330	3550		ug/Kg		107	61 - 120
Fluorene	3330	3730		ug/Kg		112	60 - 120
Hexachlorobenzene	3330	4210	*+	ug/Kg		126	66 - 120
Hexachlorobutadiene	3330	3840		ug/Kg		115	62 - 120
Hexachlorocyclopentadiene	3330	3430		ug/Kg		103	38 - 120
Hexachloroethane	3330	2980		ug/Kg		89	61 - 120
Indeno[1,2,3-cd]pyrene	3330	3950		ug/Kg		119	62 - 130
Isophorone	3330	2940		ug/Kg		88	67 - 120
Naphthalene	3330	3440		ug/Kg		103	63 - 120
Nitrobenzene	3330	3110		ug/Kg		93	63 - 120
N-Nitrosodi-n-propylamine	3330	2690		ug/Kg		81	61 - 120
N-Nitrosodiphenylamine	3330	3790		ug/Kg		114	63 - 120
Pentachlorophenol	6670	7530		ug/Kg		113	37 - 126

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-841753/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 841837
Prep Batch: 841753

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Phenanthrene			3330	3630		ug/Kg		109	66 - 120		
Phenol			3330	2910		ug/Kg		87	63 - 120		
Pyrene			3330	3970		ug/Kg		119	61 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*125*	*S1+*	*10 - 123*
2-Fluorobiphenyl	*100*		*22 - 122*
2-Fluorophenol (Surr)	*83*		*18 - 123*
Nitrobenzene-d5 (Surr)	*82*		*16 - 125*
Phenol-d5 (Surr)	*81*		*23 - 120*
Terphenyl-d14 (Surr)	*114*		*25 - 126*

Lab Sample ID: LCSD 460-841753/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 841837
Prep Batch: 841753

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3330	3640		ug/Kg		109	59 - 120	1	30
1,2,4,5-Tetrachlorobenzene			3330	3850		ug/Kg		115	60 - 120	3	30
2,2'-oxybis[1-chloropropane]			3330	2000		ug/Kg		60	49 - 126	0	30
2,3,4,6-Tetrachlorophenol			3330	3930		ug/Kg		118	54 - 120	3	30
2,4,5-Trichlorophenol			3330	3780		ug/Kg		113	59 - 120	1	30
2,4,6-Trichlorophenol			3330	3810		ug/Kg		114	58 - 120	1	30
2,4-Dichlorophenol			3330	3810		ug/Kg		114	66 - 120	1	30
2,4-Dimethylphenol			3330	3330		ug/Kg		100	67 - 120	2	30
2,4-Dinitrophenol			6670	6870		ug/Kg		103	36 - 129	1	30
2,4-Dinitrotoluene			3330	3700		ug/Kg		111	65 - 124	2	30
2,6-Dinitrotoluene			3330	3700		ug/Kg		111	67 - 121	2	30
2-Chloronaphthalene			3330	3590		ug/Kg		108	60 - 120	2	30
2-Chlorophenol			3330	3200		ug/Kg		96	63 - 120	0	30
2-Methylnaphthalene			3330	3290		ug/Kg		99	64 - 120	2	30
2-Methylphenol			3330	3050		ug/Kg		92	63 - 120	1	30
2-Nitroaniline			3330	2920		ug/Kg		88	48 - 120	3	30
2-Nitrophenol			3330	3380		ug/Kg		102	64 - 120	3	30
3,3'-Dichlorobenzidine			3330	1750		ug/Kg		53	13 - 136	3	30
3-Nitroaniline			3330	2410		ug/Kg		72	39 - 122	3	30
4,6-Dinitro-2-methylphenol			6670	7290		ug/Kg		109	50 - 136	2	30
4-Bromophenyl phenyl ether			3330	4060	*+	ug/Kg		122	67 - 120	3	30
4-Chloro-3-methylphenol			3330	3330		ug/Kg		100	66 - 120	3	30
4-Chloroaniline			3330	1370		ug/Kg		41	15 - 128	7	30
4-Chlorophenyl phenyl ether			3330	3670		ug/Kg		110	62 - 120	3	30
4-Methylphenol			3330	3090		ug/Kg		93	61 - 120	3	30
4-Nitroaniline			3330	3050		ug/Kg		91	55 - 120	2	30
4-Nitrophenol			6670	5710		ug/Kg		86	52 - 123	1	30
Acenaphthene			3330	3200		ug/Kg		96	49 - 120	2	30
Acenaphthylene			3330	3420		ug/Kg		103	64 - 120	0	30
Acetophenone			3330	2870		ug/Kg		86	61 - 120	1	30
Anthracene			3330	3650		ug/Kg		109	67 - 120	0	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-841753/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 841837
Prep Batch: 841753

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Atrazine			1330	2320	*+	ug/Kg		174	29 - 150	5	30
Benzaldehyde			1330	1450		ug/Kg		109	34 - 150	11	30
Benzo[a]anthracene			3330	3700		ug/Kg		111	62 - 120	1	30
Benzo[a]pyrene			3330	3480		ug/Kg		104	73 - 123	2	30
Benzo[b]fluoranthene			3330	3880		ug/Kg		116	70 - 125	2	30
Benzo[g,h,i]perylene			3330	3730		ug/Kg		112	66 - 120	1	30
Benzo[k]fluoranthene			3330	3740		ug/Kg		112	67 - 122	1	30
Bis(2-chloroethoxy)methane			3330	2980		ug/Kg		90	62 - 120	0	30
Bis(2-chloroethyl)ether			3330	2800		ug/Kg		84	60 - 120	0	30
Bis(2-ethylhexyl) phthalate			3330	3680		ug/Kg		110	59 - 125	1	30
Butyl benzyl phthalate			3330	3750		ug/Kg		112	62 - 127	0	30
Caprolactam			1330	2150	*+	ug/Kg		161	36 - 150	2	30
Carbazole			3330	3550		ug/Kg		106	64 - 120	1	30
Chrysene			3330	3520		ug/Kg		106	63 - 120	3	30
Dibenz(a,h)anthracene			3330	3840		ug/Kg		115	66 - 128	1	30
Dibenzofuran			3330	3670		ug/Kg		110	61 - 120	2	30
Diethyl phthalate			3330	3650		ug/Kg		109	63 - 120	0	30
Dimethyl phthalate			3330	3720		ug/Kg		112	65 - 120	1	30
Di-n-butyl phthalate			3330	3500		ug/Kg		105	66 - 120	2	30
Di-n-octyl phthalate			3330	3730		ug/Kg		112	65 - 133	0	30
Fluoranthene			3330	3540		ug/Kg		106	61 - 120	0	30
Fluorene			3330	3720		ug/Kg		112	60 - 120	0	30
Hexachlorobenzene			3330	4140	*+	ug/Kg		124	66 - 120	2	30
Hexachlorobutadiene			3330	3760		ug/Kg		113	62 - 120	2	30
Hexachlorocyclopentadiene			3330	3280		ug/Kg		98	38 - 120	4	30
Hexachloroethane			3330	3010		ug/Kg		90	61 - 120	1	30
Indeno[1,2,3-cd]pyrene			3330	4030		ug/Kg		121	62 - 130	2	30
Isophorone			3330	2930		ug/Kg		88	67 - 120	1	30
Naphthalene			3330	3330		ug/Kg		100	63 - 120	3	30
Nitrobenzene			3330	3040		ug/Kg		91	63 - 120	2	30
N-Nitrosodi-n-propylamine			3330	2680		ug/Kg		80	61 - 120	0	30
N-Nitrosodiphenylamine			3330	3660		ug/Kg		110	63 - 120	3	30
Pentachlorophenol			6670	7440		ug/Kg		112	37 - 126	1	30
Phenanthrene			3330	3620		ug/Kg		109	66 - 120	0	30
Phenol			3330	2950		ug/Kg		89	63 - 120	2	30
Pyrene			3330	3880		ug/Kg		116	61 - 121	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*123*		*10 - 123*
2-Fluorobiphenyl	*100*		*22 - 122*
2-Fluorophenol (Surr)	*83*		*18 - 123*
Nitrobenzene-d5 (Surr)	*78*		*16 - 125*
Phenol-d5 (Surr)	*82*		*23 - 120*
Terphenyl-d14 (Surr)	*113*		*25 - 126*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-257020-E-10-A MS
Matrix: Solid
Analysis Batch: 841837

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 841753

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	13	U	3640	3560		ug/Kg	☼	98	59 - 120
1,2,4,5-Tetrachlorobenzene	11	U	3640	3710		ug/Kg	☼	102	60 - 120
2,2'-oxybis[1-chloropropane]	6.5	U F1	3640	1760	F1	ug/Kg	☼	48	49 - 126
2,3,4,6-Tetrachlorophenol	24	U *+	3640	3880		ug/Kg	☼	107	54 - 120
2,4,5-Trichlorophenol	37	U	3640	3630		ug/Kg	☼	100	59 - 120
2,4,6-Trichlorophenol	46	U	3640	3690		ug/Kg	☼	101	58 - 120
2,4-Dichlorophenol	23	U	3640	3590		ug/Kg	☼	99	66 - 120
2,4-Dimethylphenol	43	U	3640	2840		ug/Kg	☼	78	67 - 120
2,4-Dinitrophenol	180	U	7280	5920		ug/Kg	☼	81	36 - 129
2,4-Dinitrotoluene	39	U	3640	3620		ug/Kg	☼	99	65 - 124
2,6-Dinitrotoluene	26	U	3640	3660		ug/Kg	☼	101	67 - 121
2-Chloronaphthalene	17	U	3640	3470		ug/Kg	☼	95	60 - 120
2-Chlorophenol	13	U	3640	2870		ug/Kg	☼	79	63 - 120
2-Methylnaphthalene	73	J	3640	3100		ug/Kg	☼	83	64 - 120
2-Methylphenol	13	U	3640	2670		ug/Kg	☼	73	63 - 120
2-Nitroaniline	28	U	3640	2910		ug/Kg	☼	80	48 - 120
2-Nitrophenol	36	U	3640	3010		ug/Kg	☼	83	64 - 120
3,3'-Dichlorobenzidine	55	U	3640	3200		ug/Kg	☼	88	13 - 136
3-Nitroaniline	86	U	3640	3180		ug/Kg	☼	87	39 - 122
4,6-Dinitro-2-methylphenol	150	U	7280	6850		ug/Kg	☼	94	50 - 136
4-Bromophenyl phenyl ether	14	U *+	3640	3970		ug/Kg	☼	109	67 - 120
4-Chloro-3-methylphenol	20	U	3640	3220		ug/Kg	☼	88	66 - 120
4-Chloroaniline	64	U	3640	2650		ug/Kg	☼	73	15 - 128
4-Chlorophenyl phenyl ether	13	U	3640	3640		ug/Kg	☼	100	62 - 120
4-Methylphenol	23	U	3640	2800		ug/Kg	☼	77	61 - 120
4-Nitroaniline	41	U	3640	2990		ug/Kg	☼	82	55 - 120
4-Nitrophenol	59	U	7280	5620		ug/Kg	☼	77	52 - 123
Acenaphthene	10	U	3640	3070		ug/Kg	☼	84	49 - 120
Acenaphthylene	10	U	3640	3280		ug/Kg	☼	90	64 - 120
Acetophenone	18	U	3640	2720		ug/Kg	☼	75	61 - 120
Anthracene	12	J	3640	3520		ug/Kg	☼	96	67 - 120
Atrazine	21	U *+	1460	2170		ug/Kg	☼	149	29 - 150
Benzaldehyde	60	U	1460	1240		ug/Kg	☼	85	34 - 150
Benzo[a]anthracene	13	U	3640	3430		ug/Kg	☼	94	62 - 120
Benzo[a]pyrene	9.6	U	3640	3260		ug/Kg	☼	90	73 - 123
Benzo[b]fluoranthene	9.3	U	3640	3530		ug/Kg	☼	97	70 - 125
Benzo[g,h,i]perylene	11	U	3640	3640		ug/Kg	☼	100	66 - 120
Benzo[k]fluoranthene	7.1	U	3640	3860		ug/Kg	☼	106	67 - 122
Bis(2-chloroethoxy)methane	28	U	3640	2740		ug/Kg	☼	75	62 - 120
Bis(2-chloroethyl)ether	13	U	3640	2460		ug/Kg	☼	68	60 - 120
Bis(2-ethylhexyl) phthalate	19	U	3640	3510		ug/Kg	☼	96	59 - 125
Butyl benzyl phthalate	17	U	3640	3550		ug/Kg	☼	97	62 - 127
Caprolactam	56	U *+	1460	2010		ug/Kg	☼	138	36 - 150
Carbazole	14	U	3640	3460		ug/Kg	☼	95	64 - 120
Chrysene	6.1	U	3640	3400		ug/Kg	☼	93	63 - 120
Dibenz(a,h)anthracene	16	U	3640	3770		ug/Kg	☼	104	66 - 128
Dibenzofuran	12	U	3640	3690		ug/Kg	☼	101	61 - 120
Diethyl phthalate	12	U	3640	3560		ug/Kg	☼	98	63 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-257020-E-10-A MS
Client Sample ID: Matrix Spike
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 841837
Prep Batch: 841753

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dimethyl phthalate	82	U	3640	3610		ug/Kg	☼	99	65 - 120
Di-n-butyl phthalate	14	U	3640	3380		ug/Kg	☼	93	66 - 120
Di-n-octyl phthalate	19	U	3640	3530		ug/Kg	☼	97	65 - 133
Fluoranthene	13	U	3640	3470		ug/Kg	☼	95	61 - 120
Fluorene	11	U	3640	3620		ug/Kg	☼	99	60 - 120
Hexachlorobenzene	17	U *+	3640	4030		ug/Kg	☼	111	66 - 120
Hexachlorobutadiene	7.7	U	3640	3190		ug/Kg	☼	88	62 - 120
Hexachlorocyclopentadiene	32	U	3640	2890		ug/Kg	☼	79	38 - 120
Hexachloroethane	12	U	3640	2710		ug/Kg	☼	74	61 - 120
Indeno[1,2,3-cd]pyrene	14	U	3640	3770		ug/Kg	☼	103	62 - 130
Isophorone	100	U	3640	2660		ug/Kg	☼	73	67 - 120
Naphthalene	83	J	3640	3010		ug/Kg	☼	80	63 - 120
Nitrobenzene	20	U	3640	2790		ug/Kg	☼	77	63 - 120
N-Nitrosodi-n-propylamine	26	U	3640	2520		ug/Kg	☼	69	61 - 120
N-Nitrosodiphenylamine	30	U	3640	3570		ug/Kg	☼	98	63 - 120
Pentachlorophenol	74	U	7280	7240		ug/Kg	☼	99	37 - 126
Phenanthrene	23	J	3640	3540		ug/Kg	☼	97	66 - 120
Phenol	13	U	3640	2780		ug/Kg	☼	76	63 - 120
Pyrene	9.0	U	3640	3810		ug/Kg	☼	105	61 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*110*		*10 - 123*
2-Fluorobiphenyl	*89*		*22 - 122*
2-Fluorophenol (Surr)	*66*		*18 - 123*
Nitrobenzene-d5 (Surr)	*65*		*16 - 125*
Phenol-d5 (Surr)	*69*		*23 - 120*
Terphenyl-d14 (Surr)	*98*		*25 - 126*

Lab Sample ID: 460-257020-E-10-B MSD
Client Sample ID: Matrix Spike Duplicate
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 841837
Prep Batch: 841753

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	13	U	3640	3450		ug/Kg	☼	95	59 - 120	3	30
1,2,4,5-Tetrachlorobenzene	11	U	3640	3670		ug/Kg	☼	101	60 - 120	1	30
2,2'-oxybis[1-chloropropane]	6.5	U F1	3640	1860		ug/Kg	☼	51	49 - 126	6	30
2,3,4,6-Tetrachlorophenol	24	U *+	3640	3680		ug/Kg	☼	101	54 - 120	5	30
2,4,5-Trichlorophenol	37	U	3640	3740		ug/Kg	☼	103	59 - 120	3	30
2,4,6-Trichlorophenol	46	U	3640	3430		ug/Kg	☼	94	58 - 120	7	30
2,4-Dichlorophenol	23	U	3640	3590		ug/Kg	☼	99	66 - 120	0	30
2,4-Dimethylphenol	43	U	3640	2690		ug/Kg	☼	74	67 - 120	5	30
2,4-Dinitrophenol	180	U	7280	5000		ug/Kg	☼	69	36 - 129	17	30
2,4-Dinitrotoluene	39	U	3640	3550		ug/Kg	☼	97	65 - 124	2	30
2,6-Dinitrotoluene	26	U	3640	3510		ug/Kg	☼	96	67 - 121	4	30
2-Chloronaphthalene	17	U	3640	3490		ug/Kg	☼	96	60 - 120	1	30
2-Chlorophenol	13	U	3640	2960		ug/Kg	☼	81	63 - 120	3	30
2-Methylnaphthalene	73	J	3640	3190		ug/Kg	☼	86	64 - 120	3	30
2-Methylphenol	13	U	3640	2710		ug/Kg	☼	74	63 - 120	1	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-257020-E-10-B MSD
Client Sample ID: Matrix Spike Duplicate
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 841837
Prep Batch: 841753

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Nitroaniline	28	U	3640	2460		ug/Kg	☼	68	48 - 120	17	30
2-Nitrophenol	36	U	3640	3130		ug/Kg	☼	86	64 - 120	4	30
3,3'-Dichlorobenzidine	55	U	3640	3010		ug/Kg	☼	83	13 - 136	6	30
3-Nitroaniline	86	U	3640	3110		ug/Kg	☼	86	39 - 122	2	30
4,6-Dinitro-2-methylphenol	150	U	7280	6340		ug/Kg	☼	87	50 - 136	8	30
4-Bromophenyl phenyl ether	14	U *+	3640	3920		ug/Kg	☼	108	67 - 120	1	30
4-Chloro-3-methylphenol	20	U	3640	3130		ug/Kg	☼	86	66 - 120	3	30
4-Chloroaniline	64	U	3640	2690		ug/Kg	☼	74	15 - 128	2	30
4-Chlorophenyl phenyl ether	13	U	3640	3510		ug/Kg	☼	96	62 - 120	4	30
4-Methylphenol	23	U	3640	2750		ug/Kg	☼	76	61 - 120	2	30
4-Nitroaniline	41	U	3640	2750		ug/Kg	☼	75	55 - 120	9	30
4-Nitrophenol	59	U	7280	5340		ug/Kg	☼	73	52 - 123	5	30
Acenaphthene	10	U	3640	3000		ug/Kg	☼	82	49 - 120	2	30
Acenaphthylene	10	U	3640	3210		ug/Kg	☼	88	64 - 120	2	30
Acetophenone	18	U	3640	2830		ug/Kg	☼	78	61 - 120	4	30
Anthracene	12	J	3640	3500		ug/Kg	☼	96	67 - 120	1	30
Atrazine	21	U *+	1460	2180		ug/Kg	☼	150	29 - 150	0	30
Benzaldehyde	60	U	1460	1380		ug/Kg	☼	95	34 - 150	11	30
Benzo[a]anthracene	13	U	3640	3330		ug/Kg	☼	92	62 - 120	3	30
Benzo[a]pyrene	9.6	U	3640	3180		ug/Kg	☼	87	73 - 123	3	30
Benzo[b]fluoranthene	9.3	U	3640	3410		ug/Kg	☼	94	70 - 125	4	30
Benzo[g,h,i]perylene	11	U	3640	3480		ug/Kg	☼	96	66 - 120	5	30
Benzo[k]fluoranthene	7.1	U	3640	3660		ug/Kg	☼	101	67 - 122	5	30
Bis(2-chloroethoxy)methane	28	U	3640	2800		ug/Kg	☼	77	62 - 120	2	30
Bis(2-chloroethyl)ether	13	U	3640	2600		ug/Kg	☼	71	60 - 120	5	30
Bis(2-ethylhexyl) phthalate	19	U	3640	3440		ug/Kg	☼	94	59 - 125	2	30
Butyl benzyl phthalate	17	U	3640	3490		ug/Kg	☼	96	62 - 127	2	30
Caprolactam	56	U *+	1460	2020		ug/Kg	☼	139	36 - 150	0	30
Carbazole	14	U	3640	3270		ug/Kg	☼	90	64 - 120	5	30
Chrysene	6.1	U	3640	3340		ug/Kg	☼	92	63 - 120	2	30
Dibenz(a,h)anthracene	16	U	3640	3600		ug/Kg	☼	99	66 - 128	5	30
Dibenzofuran	12	U	3640	3570		ug/Kg	☼	98	61 - 120	3	30
Diethyl phthalate	12	U	3640	3400		ug/Kg	☼	93	63 - 120	5	30
Dimethyl phthalate	82	U	3640	3460		ug/Kg	☼	95	65 - 120	4	30
Di-n-butyl phthalate	14	U	3640	3310		ug/Kg	☼	91	66 - 120	2	30
Di-n-octyl phthalate	19	U	3640	3370		ug/Kg	☼	93	65 - 133	5	30
Fluoranthene	13	U	3640	3310		ug/Kg	☼	91	61 - 120	5	30
Fluorene	11	U	3640	3470		ug/Kg	☼	95	60 - 120	4	30
Hexachlorobenzene	17	U *+	3640	3920		ug/Kg	☼	108	66 - 120	3	30
Hexachlorobutadiene	7.7	U	3640	3320		ug/Kg	☼	91	62 - 120	4	30
Hexachlorocyclopentadiene	32	U	3640	3060		ug/Kg	☼	84	38 - 120	6	30
Hexachloroethane	12	U	3640	2750		ug/Kg	☼	75	61 - 120	2	30
Indeno[1,2,3-cd]pyrene	14	U	3640	3680		ug/Kg	☼	101	62 - 130	2	30
Isophorone	100	U	3640	2730		ug/Kg	☼	75	67 - 120	3	30
Naphthalene	83	J	3640	3120		ug/Kg	☼	84	63 - 120	4	30
Nitrobenzene	20	U	3640	2880		ug/Kg	☼	79	63 - 120	3	30
N-Nitrosodi-n-propylamine	26	U	3640	2550		ug/Kg	☼	70	61 - 120	1	30
N-Nitrosodiphenylamine	30	U	3640	3410		ug/Kg	☼	94	63 - 120	5	30
Pentachlorophenol	74	U	7280	6830		ug/Kg	☼	94	37 - 126	6	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-257020-E-10-B MSD
Client Sample ID: Matrix Spike Duplicate
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 841837
Prep Batch: 841753

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene	23	J	3640	3460		ug/Kg	☼	94	66 - 120	2	30
Phenol	13	U	3640	2790		ug/Kg	☼	77	63 - 120	0	30
Pyrene	9.0	U	3640	3670		ug/Kg	☼	101	61 - 121	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*104*		*10 - 123*
2-Fluorobiphenyl	*88*		*22 - 122*
2-Fluorophenol (Surr)	*69*		*18 - 123*
Nitrobenzene-d5 (Surr)	*68*		*16 - 125*
Phenol-d5 (Surr)	*71*		*23 - 120*
Terphenyl-d14 (Surr)	*98*		*25 - 126*

Lab Sample ID: MB 460-842255/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842273
Prep Batch: 842255

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00044	U	0.010	0.00044	mg/L		05/01/22 06:58	05/01/22 11:56	1
2,4,5-Trichlorophenol	0.00088	U	0.010	0.00088	mg/L		05/01/22 06:58	05/01/22 11:56	1
2,4,6-Trichlorophenol	0.00086	U	0.010	0.00086	mg/L		05/01/22 06:58	05/01/22 11:56	1
3 & 4 Methylphenol	0.00064	U	0.010	0.00064	mg/L		05/01/22 06:58	05/01/22 11:56	1
2,4-Dinitrotoluene	0.0010	U	0.0020	0.0010	mg/L		05/01/22 06:58	05/01/22 11:56	1
Pyridine	0.0019	U	0.010	0.0019	mg/L		05/01/22 06:58	05/01/22 11:56	1
2-Methylphenol	0.00067	U	0.010	0.00067	mg/L		05/01/22 06:58	05/01/22 11:56	1
Hexachlorobenzene	0.00040	U	0.0010	0.00040	mg/L		05/01/22 06:58	05/01/22 11:56	1
Hexachlorobutadiene	0.00078	U	0.0020	0.00078	mg/L		05/01/22 06:58	05/01/22 11:56	1
Hexachloroethane	0.00080	U	0.0020	0.00080	mg/L		05/01/22 06:58	05/01/22 11:56	1
Nitrobenzene	0.00057	U	0.0010	0.00057	mg/L		05/01/22 06:58	05/01/22 11:56	1
Pentachlorophenol	0.0014	U	0.030	0.0014	mg/L		05/01/22 06:58	05/01/22 11:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*37 - 150*	*05/01/22 06:58*	*05/01/22 11:56*	*1*
2-Fluorobiphenyl	*84*		*46 - 139*	*05/01/22 06:58*	*05/01/22 11:56*	*1*
2-Fluorophenol (Surr)	*50*		*19 - 80*	*05/01/22 06:58*	*05/01/22 11:56*	*1*
Nitrobenzene-d5 (Surr)	*88*		*52 - 137*	*05/01/22 06:58*	*05/01/22 11:56*	*1*
Phenol-d5 (Surr)	*33*		*10 - 56*	*05/01/22 06:58*	*05/01/22 11:56*	*1*
Terphenyl-d14 (Surr)	*89*		*22 - 150*	*05/01/22 06:58*	*05/01/22 11:56*	*1*

Lab Sample ID: LCS 460-842255/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842273
Prep Batch: 842255

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dichlorobenzene	0.0800	0.0699		mg/L		87	35 - 120
2,4,5-Trichlorophenol	0.0800	0.0570		mg/L		71	58 - 120
2,4,6-Trichlorophenol	0.0800	0.0595		mg/L		74	61 - 120
3 & 4 Methylphenol	0.0800	0.0581		mg/L		73	35 - 120
2,4-Dinitrotoluene	0.0800	0.0692		mg/L		86	68 - 134

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-842255/2-A
Matrix: Solid
Analysis Batch: 842273

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 842255

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Pyridine			0.160	0.0780		mg/L		49	10 - 120		
2-Methylphenol			0.0800	0.0627		mg/L		78	44 - 120		
Hexachlorobenzene			0.0800	0.0587		mg/L		73	61 - 128		
Hexachlorobutadiene			0.0800	0.0548		mg/L		68	27 - 127		
Hexachloroethane			0.0800	0.0756		mg/L		94	26 - 120		
Nitrobenzene			0.0800	0.0771		mg/L		96	64 - 120		
Pentachlorophenol			0.160	0.0983		mg/L		61	24 - 131		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*73*		*37 - 150*
2-Fluorobiphenyl	*83*		*46 - 139*
2-Fluorophenol (Surr)	*51*		*19 - 80*
Nitrobenzene-d5 (Surr)	*89*		*52 - 137*
Phenol-d5 (Surr)	*36*		*10 - 56*
Terphenyl-d14 (Surr)	*87*		*22 - 150*

Lab Sample ID: LCSD 460-842255/3-A
Matrix: Solid
Analysis Batch: 842273

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 842255

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dichlorobenzene			0.0800	0.0705		mg/L		88	35 - 120	1	30
2,4,5-Trichlorophenol			0.0800	0.0592		mg/L		74	58 - 120	4	30
2,4,6-Trichlorophenol			0.0800	0.0601		mg/L		75	61 - 120	1	30
3 & 4 Methylphenol			0.0800	0.0576		mg/L		72	35 - 120	1	30
2,4-Dinitrotoluene			0.0800	0.0689		mg/L		86	68 - 134	0	30
Pyridine			0.160	0.0784		mg/L		49	10 - 120	1	30
2-Methylphenol			0.0800	0.0622		mg/L		78	44 - 120	1	30
Hexachlorobenzene			0.0800	0.0585		mg/L		73	61 - 128	0	30
Hexachlorobutadiene			0.0800	0.0549		mg/L		69	27 - 127	0	30
Hexachloroethane			0.0800	0.0763		mg/L		95	26 - 120	1	30
Nitrobenzene			0.0800	0.0788		mg/L		98	64 - 120	2	30
Pentachlorophenol			0.160	0.0976		mg/L		61	24 - 131	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*72*		*37 - 150*
2-Fluorobiphenyl	*84*		*46 - 139*
2-Fluorophenol (Surr)	*53*		*19 - 80*
Nitrobenzene-d5 (Surr)	*89*		*52 - 137*
Phenol-d5 (Surr)	*38*		*10 - 56*
Terphenyl-d14 (Surr)	*87*		*22 - 150*

Lab Sample ID: LB 460-842221/1-B
Matrix: Solid
Analysis Batch: 842277

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 842255

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00044	U	0.010	0.00044	mg/L		05/01/22 06:58	05/01/22 20:52	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB 460-842221/1-B
Matrix: Solid
Analysis Batch: 842277

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 842255

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	0.00088	U	0.010	0.00088	mg/L		05/01/22 06:58	05/01/22 20:52	1
2,4,6-Trichlorophenol	0.00086	U	0.010	0.00086	mg/L		05/01/22 06:58	05/01/22 20:52	1
3 & 4 Methylphenol	0.00064	U	0.010	0.00064	mg/L		05/01/22 06:58	05/01/22 20:52	1
2,4-Dinitrotoluene	0.0010	U	0.0020	0.0010	mg/L		05/01/22 06:58	05/01/22 20:52	1
Pyridine	0.0019	U	0.010	0.0019	mg/L		05/01/22 06:58	05/01/22 20:52	1
2-Methylphenol	0.00067	U	0.010	0.00067	mg/L		05/01/22 06:58	05/01/22 20:52	1
Hexachlorobenzene	0.00040	U	0.0010	0.00040	mg/L		05/01/22 06:58	05/01/22 20:52	1
Hexachlorobutadiene	0.00078	U	0.0020	0.00078	mg/L		05/01/22 06:58	05/01/22 20:52	1
Hexachloroethane	0.00080	U	0.0020	0.00080	mg/L		05/01/22 06:58	05/01/22 20:52	1
Nitrobenzene	0.00057	U	0.0010	0.00057	mg/L		05/01/22 06:58	05/01/22 20:52	1
Pentachlorophenol	0.0014	U	0.030	0.0014	mg/L		05/01/22 06:58	05/01/22 20:52	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*128*		*37 - 150*	*05/01/22 06:58*	*05/01/22 20:52*	*1*
2-Fluorobiphenyl	*105*		*46 - 139*	*05/01/22 06:58*	*05/01/22 20:52*	*1*
2-Fluorophenol (Surr)	*55*		*19 - 80*	*05/01/22 06:58*	*05/01/22 20:52*	*1*
Nitrobenzene-d5 (Surr)	*109*		*52 - 137*	*05/01/22 06:58*	*05/01/22 20:52*	*1*
Phenol-d5 (Surr)	*36*		*10 - 56*	*05/01/22 06:58*	*05/01/22 20:52*	*1*
Terphenyl-d14 (Surr)	*107*		*22 - 150*	*05/01/22 06:58*	*05/01/22 20:52*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-842217/1-A
Matrix: Solid
Analysis Batch: 842342

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 842217

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	1.1	U	6.7	1.1	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
4,4'-DDD	1.1	U	6.7	1.1	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
4,4'-DDE	0.79	U	6.7	0.79	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
4,4'-DDE	0.79	U	6.7	0.79	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
4,4'-DDT	1.2	U	6.7	1.2	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
4,4'-DDT	1.2	U	6.7	1.2	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
Aldrin	1.0	U	6.7	1.0	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
Aldrin	1.0	U	6.7	1.0	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
alpha-BHC	0.68	U	2.0	0.68	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
alpha-BHC	0.68	U	2.0	0.68	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
beta-BHC	0.75	U	2.0	0.75	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
beta-BHC	0.75	U	2.0	0.75	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
Chlordane (technical)	16	U	67	16	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
Chlordane (technical)	16	U	67	16	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
delta-BHC	0.41	U	2.0	0.41	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
delta-BHC	0.41	U	2.0	0.41	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
Dieldrin	0.87	U	2.0	0.87	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
Dieldrin	0.87	U	2.0	0.87	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
Endosulfan I	1.0	U	6.7	1.0	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
Endosulfan I	1.0	U	6.7	1.0	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
Endosulfan II	1.7	U	6.7	1.7	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
Endosulfan II	1.7	U	6.7	1.7	ug/Kg		04/30/22 18:29	05/02/22 05:08	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-842217/1-A
Matrix: Solid
Analysis Batch: 842342

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 842217

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	0.84	U	6.7	0.84	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
Endosulfan sulfate	0.84	U	6.7	0.84	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
Endrin	0.96	U	6.7	0.96	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
Endrin	0.96	U	6.7	0.96	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
Endrin aldehyde	1.6	U	6.7	1.6	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
Endrin aldehyde	1.6	U	6.7	1.6	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
Endrin ketone	1.3	U	6.7	1.3	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
Endrin ketone	1.3	U	6.7	1.3	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
gamma-BHC (Lindane)	0.62	U	2.0	0.62	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
gamma-BHC (Lindane)	0.62	U	2.0	0.62	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
Heptachlor	0.79	U	6.7	0.79	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
Heptachlor	0.79	U	6.7	0.79	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
Heptachlor epoxide	1.0	U	6.7	1.0	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
Heptachlor epoxide	1.0	U	6.7	1.0	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
Methoxychlor	1.5	U	6.7	1.5	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
Methoxychlor	1.5	U	6.7	1.5	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
Toxaphene	24	U	67	24	ug/Kg		04/30/22 18:29	05/02/22 05:08	1
Toxaphene	24	U	67	24	ug/Kg		04/30/22 18:29	05/02/22 05:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*89*		*43 - 150*	*04/30/22 18:29*	*05/02/22 05:08*	*1*
DCB Decachlorobiphenyl	*87*		*43 - 150*	*04/30/22 18:29*	*05/02/22 05:08*	*1*
Tetrachloro-m-xylene	*82*		*26 - 137*	*04/30/22 18:29*	*05/02/22 05:08*	*1*
Tetrachloro-m-xylene	*83*		*26 - 137*	*04/30/22 18:29*	*05/02/22 05:08*	*1*

Lab Sample ID: LCS 460-842217/2-A
Matrix: Solid
Analysis Batch: 842342

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 842217

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	133	130		ug/Kg		98	64 - 132
4,4'-DDD	133	137		ug/Kg		103	64 - 132
4,4'-DDE	133	131		ug/Kg		98	71 - 137
4,4'-DDE	133	136		ug/Kg		102	71 - 137
4,4'-DDT	133	153		ug/Kg		115	55 - 138
4,4'-DDT	133	155		ug/Kg		116	55 - 138
Aldrin	133	125		ug/Kg		94	67 - 130
Aldrin	133	129		ug/Kg		97	67 - 130
alpha-BHC	133	133		ug/Kg		99	72 - 132
alpha-BHC	133	139		ug/Kg		104	72 - 132
beta-BHC	133	132		ug/Kg		99	71 - 137
beta-BHC	133	140		ug/Kg		105	71 - 137
delta-BHC	133	127		ug/Kg		95	61 - 143
delta-BHC	133	131		ug/Kg		98	61 - 143
Dieldrin	133	131		ug/Kg		98	66 - 135
Dieldrin	133	135		ug/Kg		101	66 - 135
Endosulfan I	133	124		ug/Kg		93	64 - 135
Endosulfan I	133	131		ug/Kg		98	64 - 135

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-842217/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842342
Prep Batch: 842217

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Endosulfan II			133	128		ug/Kg		96	64 - 130		
Endosulfan II			133	130		ug/Kg		98	64 - 130		
Endosulfan sulfate			133	137		ug/Kg		103	61 - 134		
Endosulfan sulfate			133	144		ug/Kg		108	61 - 134		
Endrin			133	155		ug/Kg		116	63 - 136		
Endrin			133	158		ug/Kg		118	63 - 136		
Endrin aldehyde			133	116		ug/Kg		87	60 - 132		
Endrin aldehyde			133	117		ug/Kg		88	60 - 132		
Endrin ketone			133	121		ug/Kg		91	48 - 150		
Endrin ketone			133	119		ug/Kg		89	48 - 150		
gamma-BHC (Lindane)			133	130		ug/Kg		97	70 - 134		
gamma-BHC (Lindane)			133	137		ug/Kg		103	70 - 134		
Heptachlor			133	143		ug/Kg		107	62 - 134		
Heptachlor			133	147		ug/Kg		110	62 - 134		
Heptachlor epoxide			133	124		ug/Kg		93	65 - 127		
Heptachlor epoxide			133	129		ug/Kg		96	65 - 127		
Methoxychlor			133	149		ug/Kg		112	49 - 128		
Methoxychlor			133	144		ug/Kg		108	49 - 128		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*70*		*43 - 150*
DCB Decachlorobiphenyl	*65*		*43 - 150*
Tetrachloro-m-xylene	*64*		*26 - 137*
Tetrachloro-m-xylene	*71*		*26 - 137*

Lab Sample ID: LCSD 460-842217/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842342
Prep Batch: 842217

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			133	128		ug/Kg		96	64 - 132	2	30
4,4'-DDD			133	138		ug/Kg		103	64 - 132	0	30
4,4'-DDE			133	128		ug/Kg		96	71 - 137	2	30
4,4'-DDE			133	138		ug/Kg		104	71 - 137	2	30
4,4'-DDT			133	151		ug/Kg		113	55 - 138	2	30
4,4'-DDT			133	159		ug/Kg		119	55 - 138	2	30
Aldrin			133	123		ug/Kg		92	67 - 130	2	30
Aldrin			133	131		ug/Kg		98	67 - 130	1	30
alpha-BHC			133	131		ug/Kg		98	72 - 132	1	30
alpha-BHC			133	140		ug/Kg		105	72 - 132	1	30
beta-BHC			133	132		ug/Kg		99	71 - 137	0	30
beta-BHC			133	142		ug/Kg		107	71 - 137	1	30
delta-BHC			133	125		ug/Kg		94	61 - 143	1	30
delta-BHC			133	133		ug/Kg		100	61 - 143	2	30
Dieldrin			133	129		ug/Kg		96	66 - 135	2	30
Dieldrin			133	136		ug/Kg		102	66 - 135	1	30
Endosulfan I			133	121		ug/Kg		91	64 - 135	2	30
Endosulfan I			133	133		ug/Kg		100	64 - 135	2	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-842217/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842342
Prep Batch: 842217

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Endosulfan II			133	126		ug/Kg		94	64 - 130	2	30
Endosulfan II			133	133		ug/Kg		99	64 - 130	2	30
Endosulfan sulfate			133	136		ug/Kg		102	61 - 134	1	30
Endosulfan sulfate			133	143		ug/Kg		108	61 - 134	1	30
Endrin			133	152		ug/Kg		114	63 - 136	2	30
Endrin			133	160		ug/Kg		120	63 - 136	1	30
Endrin aldehyde			133	115		ug/Kg		87	60 - 132	1	30
Endrin aldehyde			133	121		ug/Kg		91	60 - 132	4	30
Endrin ketone			133	119		ug/Kg		89	48 - 150	2	30
Endrin ketone			133	122		ug/Kg		92	48 - 150	2	30
gamma-BHC (Lindane)			133	129		ug/Kg		97	70 - 134	1	30
gamma-BHC (Lindane)			133	138		ug/Kg		103	70 - 134	0	30
Heptachlor			133	140		ug/Kg		105	62 - 134	2	30
Heptachlor			133	146		ug/Kg		109	62 - 134	1	30
Heptachlor epoxide			133	122		ug/Kg		91	65 - 127	2	30
Heptachlor epoxide			133	132		ug/Kg		99	65 - 127	2	30
Methoxychlor			133	145		ug/Kg		109	49 - 128	2	30
Methoxychlor			133	144		ug/Kg		108	49 - 128	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*69*		*43 - 150*
DCB Decachlorobiphenyl	*66*		*43 - 150*
Tetrachloro-m-xylene	*63*		*26 - 137*
Tetrachloro-m-xylene	*71*		*26 - 137*

Lab Sample ID: 460-257224-A-6-G MS
Client Sample ID: Matrix Spike
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842342
Prep Batch: 842217

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	6.0	U	702	648		ug/Kg	☼	92	64 - 132
4,4'-DDD	6.0	U	702	457		ug/Kg	☼	65	64 - 132
4,4'-DDE	4.2	U	702	643		ug/Kg	☼	92	71 - 137
4,4'-DDE	4.2	U	702	448		ug/Kg	☼	64	71 - 137
4,4'-DDT	6.5	U	702	835		ug/Kg	☼	119	55 - 138
4,4'-DDT	6.5	U	702	611		ug/Kg	☼	87	55 - 138
Aldrin	5.3	U	702	635		ug/Kg	☼	90	67 - 130
Aldrin	5.3	U	702	446		ug/Kg	☼	64	67 - 130
alpha-BHC	3.6	U	702	716		ug/Kg	☼	102	72 - 132
alpha-BHC	3.6	U	702	525		ug/Kg	☼	75	72 - 132
beta-BHC	4.0	U	702	693		ug/Kg	☼	99	71 - 137
beta-BHC	4.0	U	702	534		ug/Kg	☼	76	71 - 137
delta-BHC	2.2	U	702	696		ug/Kg	☼	99	61 - 143
delta-BHC	2.2	U	702	512		ug/Kg	☼	73	61 - 143
Dieldrin	4.6	U	702	658		ug/Kg	☼	94	66 - 135
Dieldrin	4.6	U	702	463		ug/Kg	☼	66	66 - 135
Endosulfan I	5.4	U	702	653		ug/Kg	☼	93	64 - 135
Endosulfan I	5.4	U	702	455		ug/Kg	☼	65	64 - 135

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-257224-A-6-G MS
Matrix: Solid
Analysis Batch: 842342

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 842217

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Endosulfan II	9.1	U	702	643		ug/Kg	☼	92	64 - 130
Endosulfan II	9.1	U	702	485		ug/Kg	☼	69	64 - 130
Endosulfan sulfate	4.4	U	702	710		ug/Kg	☼	101	61 - 134
Endosulfan sulfate	4.4	U	702	541		ug/Kg	☼	77	61 - 134
Endrin	5.1	U	702	805		ug/Kg	☼	115	63 - 136
Endrin	5.1	U	702	567		ug/Kg	☼	81	63 - 136
Endrin aldehyde	8.3	U	702	497		ug/Kg	☼	71	60 - 132
Endrin aldehyde	8.3	U	702	396		ug/Kg	☼	56	60 - 132
Endrin ketone	6.8	U	702	638		ug/Kg	☼	91	48 - 150
Endrin ketone	6.8	U	702	452		ug/Kg	☼	64	48 - 150
gamma-BHC (Lindane)	3.3	U	702	696		ug/Kg	☼	99	70 - 134
gamma-BHC (Lindane)	3.3	U	702	499		ug/Kg	☼	71	70 - 134
Heptachlor	4.2	U	702	775		ug/Kg	☼	110	62 - 134
Heptachlor	4.2	U	702	563		ug/Kg	☼	80	62 - 134
Heptachlor epoxide	5.3	U	702	650		ug/Kg	☼	93	65 - 127
Heptachlor epoxide	5.3	U	702	451		ug/Kg	☼	64	65 - 127
Methoxychlor	8.1	U	702	770		ug/Kg	☼	110	49 - 128
Methoxychlor	8.1	U	702	583		ug/Kg	☼	83	49 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*81*		*43 - 150*
DCB Decachlorobiphenyl	*46*		*43 - 150*
Tetrachloro-m-xylene	*65*		*26 - 137*
Tetrachloro-m-xylene	*50*		*26 - 137*

Lab Sample ID: 460-257224-A-6-H MSD
Matrix: Solid
Analysis Batch: 842342

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 842217

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	6.0	U	702	554		ug/Kg	☼	79	64 - 132	16	30
4,4'-DDD	6.0	U	702	496		ug/Kg	☼	71	64 - 132	8	30
4,4'-DDE	4.2	U	702	549		ug/Kg	☼	78	71 - 137	16	30
4,4'-DDE	4.2	U	702	487		ug/Kg	☼	69	71 - 137	8	30
4,4'-DDT	6.5	U	702	702		ug/Kg	☼	100	55 - 138	17	30
4,4'-DDT	6.5	U	702	641		ug/Kg	☼	91	55 - 138	5	30
Aldrin	5.3	U	702	542		ug/Kg	☼	77	67 - 130	16	30
Aldrin	5.3	U	702	483		ug/Kg	☼	69	67 - 130	8	30
alpha-BHC	3.6	U	702	605		ug/Kg	☼	86	72 - 132	17	30
alpha-BHC	3.6	U	702	568		ug/Kg	☼	81	72 - 132	8	30
beta-BHC	4.0	U	702	595		ug/Kg	☼	85	71 - 137	15	30
beta-BHC	4.0	U	702	573		ug/Kg	☼	82	71 - 137	7	30
delta-BHC	2.2	U	702	594		ug/Kg	☼	85	61 - 143	16	30
delta-BHC	2.2	U	702	551		ug/Kg	☼	78	61 - 143	7	30
Dieldrin	4.6	U	702	563		ug/Kg	☼	80	66 - 135	16	30
Dieldrin	4.6	U	702	501		ug/Kg	☼	71	66 - 135	8	30
Endosulfan I	5.4	U	702	555		ug/Kg	☼	79	64 - 135	16	30
Endosulfan I	5.4	U	702	496		ug/Kg	☼	71	64 - 135	9	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-257224-A-6-H MSD
Client Sample ID: Matrix Spike Duplicate
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842342
Prep Batch: 842217

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Endosulfan II	9.1	U	702	555		ug/Kg	☼	79	64 - 130	15	30
Endosulfan II	9.1	U	702	515		ug/Kg	☼	73	64 - 130	6	30
Endosulfan sulfate	4.4	U	702	604		ug/Kg	☼	86	61 - 134	16	30
Endosulfan sulfate	4.4	U	702	566		ug/Kg	☼	81	61 - 134	5	30
Endrin	5.1	U	702	684		ug/Kg	☼	97	63 - 136	16	30
Endrin	5.1	U	702	608		ug/Kg	☼	87	63 - 136	7	30
Endrin aldehyde	8.3	U	702	426		ug/Kg	☼	61	60 - 132	15	30
Endrin aldehyde	8.3	U	702	414		ug/Kg	☼	59	60 - 132	4	30
Endrin ketone	6.8	U	702	545		ug/Kg	☼	78	48 - 150	16	30
gamma-BHC (Lindane)	3.3	U	702	592		ug/Kg	☼	84	70 - 134	16	30
gamma-BHC (Lindane)	3.3	U	702	540		ug/Kg	☼	77	70 - 134	8	30
Heptachlor	4.2	U	702	658		ug/Kg	☼	94	62 - 134	16	30
Heptachlor	4.2	U	702	611		ug/Kg	☼	87	62 - 134	8	30
Heptachlor epoxide	5.3	U	702	553		ug/Kg	☼	79	65 - 127	16	30
Heptachlor epoxide	5.3	U	702	493		ug/Kg	☼	70	65 - 127	9	30
Methoxychlor	8.1	U	702	655		ug/Kg	☼	93	49 - 128	16	30
Methoxychlor	8.1	U	702	611		ug/Kg	☼	87	49 - 128	5	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*65*		*43 - 150*
DCB Decachlorobiphenyl	*53*		*43 - 150*
Tetrachloro-m-xylene	*56*		*26 - 137*
Tetrachloro-m-xylene	*54*		*26 - 137*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-842215/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842361
Prep Batch: 842215

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	18	U	67	18	ug/Kg		04/30/22 18:25	05/02/22 08:31	1
Aroclor 1016	18	U	67	18	ug/Kg		04/30/22 18:25	05/02/22 08:31	1
Aroclor 1221	18	U	67	18	ug/Kg		04/30/22 18:25	05/02/22 08:31	1
Aroclor 1221	18	U	67	18	ug/Kg		04/30/22 18:25	05/02/22 08:31	1
Aroclor 1232	18	U	67	18	ug/Kg		04/30/22 18:25	05/02/22 08:31	1
Aroclor 1232	18	U	67	18	ug/Kg		04/30/22 18:25	05/02/22 08:31	1
Aroclor 1242	18	U	67	18	ug/Kg		04/30/22 18:25	05/02/22 08:31	1
Aroclor 1242	18	U	67	18	ug/Kg		04/30/22 18:25	05/02/22 08:31	1
Aroclor 1248	18	U	67	18	ug/Kg		04/30/22 18:25	05/02/22 08:31	1
Aroclor 1248	18	U	67	18	ug/Kg		04/30/22 18:25	05/02/22 08:31	1
Aroclor 1254	18	U	67	18	ug/Kg		04/30/22 18:25	05/02/22 08:31	1
Aroclor 1254	18	U	67	18	ug/Kg		04/30/22 18:25	05/02/22 08:31	1
Aroclor 1260	18	U	67	18	ug/Kg		04/30/22 18:25	05/02/22 08:31	1
Aroclor 1260	18	U	67	18	ug/Kg		04/30/22 18:25	05/02/22 08:31	1
Aroclor-1262	18	U	67	18	ug/Kg		04/30/22 18:25	05/02/22 08:31	1
Aroclor-1262	18	U	67	18	ug/Kg		04/30/22 18:25	05/02/22 08:31	1
Aroclor 1268	18	U	67	18	ug/Kg		04/30/22 18:25	05/02/22 08:31	1
Aroclor 1268	18	U	67	18	ug/Kg		04/30/22 18:25	05/02/22 08:31	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-842215/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842361
Prep Batch: 842215

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	18	U	67	18	ug/Kg		04/30/22 18:25	05/02/22 08:31	1
Polychlorinated biphenyls, Total	18	U	67	18	ug/Kg		04/30/22 18:25	05/02/22 08:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*106*		*10 - 150*	*04/30/22 18:25*	*05/02/22 08:31*	*1*
DCB Decachlorobiphenyl	*98*		*10 - 150*	*04/30/22 18:25*	*05/02/22 08:31*	*1*
Tetrachloro-m-xylene	*95*		*42 - 150*	*04/30/22 18:25*	*05/02/22 08:31*	*1*
Tetrachloro-m-xylene	*91*		*42 - 150*	*04/30/22 18:25*	*05/02/22 08:31*	*1*

Lab Sample ID: LCS 460-842215/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842361
Prep Batch: 842215

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016			333	338		ug/Kg		101	65 - 133		
Aroclor 1016			333	320		ug/Kg		96	65 - 133		
Aroclor 1260			333	376		ug/Kg		113	67 - 150		
Aroclor 1260			333	342		ug/Kg		103	67 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*89*		*10 - 150*
DCB Decachlorobiphenyl	*86*		*10 - 150*
Tetrachloro-m-xylene	*80*		*42 - 150*
Tetrachloro-m-xylene	*80*		*42 - 150*

Lab Sample ID: LCSD 460-842215/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842361
Prep Batch: 842215

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			333	367		ug/Kg		110	65 - 133	8	30
Aroclor 1016			333	305		ug/Kg		91	65 - 133	5	30
Aroclor 1260			333	387		ug/Kg		116	67 - 150	3	30
Aroclor 1260			333	347		ug/Kg		104	67 - 150	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*92*		*10 - 150*
DCB Decachlorobiphenyl	*87*		*10 - 150*
Tetrachloro-m-xylene	*85*		*42 - 150*
Tetrachloro-m-xylene	*82*		*42 - 150*

Lab Sample ID: 460-257224-A-6-D MS
Client Sample ID: Matrix Spike
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842361
Prep Batch: 842215

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016	94	U F2	1760	1990		ug/Kg	☼	114	65 - 133		
Aroclor 1016	94	U F2	1760	1320	p	ug/Kg	☼	75	65 - 133		

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 460-257224-A-6-D MS
Matrix: Solid
Analysis Batch: 842361

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 842215

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1260	94	U F2	1760	1980		ug/Kg	☼	113	67 - 150
Aroclor 1260	94	U F2	1760	1300	p	ug/Kg	☼	74	67 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*103*		*10 - 150*
DCB Decachlorobiphenyl	*68*		*10 - 150*
Tetrachloro-m-xylene	*88*		*42 - 150*
Tetrachloro-m-xylene	*63*		*42 - 150*

Lab Sample ID: 460-257224-A-6-E MSD
Matrix: Solid
Analysis Batch: 842361

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 842215

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	94	U F2	1760	1930	F2	ug/Kg	☼	110	65 - 133	38	30
Aroclor 1016	94	U F2	1760	1370	F2	ug/Kg	☼	78	65 - 133	37	30
Aroclor 1260	94	U F2	1760	1890	F2	ug/Kg	☼	108	67 - 150	37	30
Aroclor 1260	94	U F2	1760	1360	F2	ug/Kg	☼	78	67 - 150	37	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*99*		*10 - 150*
DCB Decachlorobiphenyl	*69*		*10 - 150*
Tetrachloro-m-xylene	*85*		*42 - 150*
Tetrachloro-m-xylene	*65*		*42 - 150*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-842260/1-A
Matrix: Solid
Analysis Batch: 842402

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 842260

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.089	U	0.40	0.089	mg/Kg		05/01/22 07:45	05/02/22 21:07	1
Aluminum	5.5	U	20.0	5.5	mg/Kg		05/01/22 07:45	05/02/22 21:07	1
Arsenic	0.10	U	1.0	0.10	mg/Kg		05/01/22 07:45	05/02/22 21:07	1
Barium	0.15	U	2.0	0.15	mg/Kg		05/01/22 07:45	05/02/22 21:07	1
Beryllium	0.057	U	0.40	0.057	mg/Kg		05/01/22 07:45	05/02/22 21:07	1
Calcium	17.7	U	100	17.7	mg/Kg		05/01/22 07:45	05/02/22 21:07	1
Cadmium	0.11	U	1.0	0.11	mg/Kg		05/01/22 07:45	05/02/22 21:07	1
Cobalt	0.15	U	2.0	0.15	mg/Kg		05/01/22 07:45	05/02/22 21:07	1
Chromium	0.91	U	2.0	0.91	mg/Kg		05/01/22 07:45	05/02/22 21:07	1
Copper	0.37	U	2.0	0.37	mg/Kg		05/01/22 07:45	05/02/22 21:07	1
Iron	20.2	U	60.0	20.2	mg/Kg		05/01/22 07:45	05/02/22 21:07	1
Potassium	16.2	U	100	16.2	mg/Kg		05/01/22 07:45	05/02/22 21:07	1
Magnesium	10.2	U	100	10.2	mg/Kg		05/01/22 07:45	05/02/22 21:07	1
Manganese	0.40	U	4.0	0.40	mg/Kg		05/01/22 07:45	05/02/22 21:07	1
Sodium	45.7	U	100	45.7	mg/Kg		05/01/22 07:45	05/02/22 21:07	1
Nickel	0.47	U	2.0	0.47	mg/Kg		05/01/22 07:45	05/02/22 21:07	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-842260/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842402
Prep Batch: 842260

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.20	U	0.60	0.20	mg/Kg		05/01/22 07:45	05/02/22 21:07	1
Antimony	0.15	U	1.0	0.15	mg/Kg		05/01/22 07:45	05/02/22 21:07	1
Selenium	0.13	U	1.3	0.13	mg/Kg		05/01/22 07:45	05/02/22 21:07	1
Thallium	0.041	U	0.40	0.041	mg/Kg		05/01/22 07:45	05/02/22 21:07	1
Vanadium	0.21	U	2.0	0.21	mg/Kg		05/01/22 07:45	05/02/22 21:07	1
Zinc	3.1	U	8.0	3.1	mg/Kg		05/01/22 07:45	05/02/22 21:07	1

Lab Sample ID: LCSSRM 460-842260/2-A ^5
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842402
Prep Batch: 842260

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Silver	44.1	48.09		mg/Kg		109.0	80.5 - 119.7
Aluminum	8630	7998		mg/Kg		92.7	51.2 - 148.3
Arsenic	84.5	91.31		mg/Kg		108.1	82.8 - 117.2
Barium	249	257.9		mg/Kg		103.6	82.7 - 117.3
Beryllium	163	182.2		mg/Kg		111.7	82.8 - 117.2
Calcium	4760	5040		mg/Kg		105.9	81.7 - 118.5
Cadmium	99.0	110.9		mg/Kg		112.1	83.0 - 117.2
Cobalt	61.7	68.55		mg/Kg		111.1	84.1 - 116.0
Chromium	122	133.1		mg/Kg		109.1	82.8 - 118.0
Copper	61.5	67.32		mg/Kg		109.5	84.4 - 115.4
Iron	14500	14610		mg/Kg		100.8	61.1 - 138.6
Potassium	2090	2009		mg/Kg		96.1	70.8 - 129.2
Magnesium	2360	2413		mg/Kg		102.2	76.7 - 123.7
Manganese	456	486.0		mg/Kg		106.6	82.2 - 118.0
Sodium	136	229	U	mg/Kg		106.0	71.6 - 127.9
Nickel	135	152.4		mg/Kg		112.9	83.0 - 117.0
Lead	123	132.4		mg/Kg		107.7	83.7 - 117.1
Antimony	129	82.06		mg/Kg		63.6	0.6 - 199.2
Selenium	121	129.8		mg/Kg		107.2	80.1 - 120.7
Thallium	144	160.7		mg/Kg		111.6	81.3 - 118.8
Vanadium	186	195.0		mg/Kg		104.9	79.6 - 120.4

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-842260/2-A ^5
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842402
Prep Batch: 842260

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Zinc			295	306.4		mg/Kg		103.9	81.4 - 119.0		

Lab Sample ID: 460-257083-1 MS
Client Sample ID: CC-COMP-01
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842402
Prep Batch: 842260

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Silver	0.090	U	5.06	4.82		mg/Kg	☼	95	75 - 125		
Aluminum	4940		506	5723	4	mg/Kg	☼	154	75 - 125		
Arsenic	2.1		10.1	11.88		mg/Kg	☼	97	75 - 125		
Barium	34.8		10.1	44.07		mg/Kg	☼	92	75 - 125		
Beryllium	0.21	J	5.06	5.06		mg/Kg	☼	96	75 - 125		
Cadmium	0.11	U	5.06	4.96		mg/Kg	☼	98	75 - 125		
Cobalt	2.6		5.06	7.32		mg/Kg	☼	93	75 - 125		
Chromium	92.2		10.1	93.41	4	mg/Kg	☼	12	75 - 125		
Copper	4.9		10.1	14.64		mg/Kg	☼	96	75 - 125		
Iron	6880		506	7358	4	mg/Kg	☼	94	75 - 125		
Potassium	937		506	1422		mg/Kg	☼	96	75 - 125		
Magnesium	10200		506	11110	4	mg/Kg	☼	178	75 - 125		
Manganese	147		50.6	202.4		mg/Kg	☼	109	75 - 125		
Sodium	913		506	1408		mg/Kg	☼	98	75 - 125		
Nickel	5.1		10.1	15.35		mg/Kg	☼	101	75 - 125		
Lead	3.4		5.06	8.52		mg/Kg	☼	100	75 - 125		
Antimony	0.15	U F1	5.06	1.87	F1	mg/Kg	☼	37	75 - 125		
Selenium	0.13	U	10.1	9.45		mg/Kg	☼	93	75 - 125		
Thallium	0.050	J	4.05	4.01		mg/Kg	☼	98	75 - 125		
Vanadium	8.8		10.1	18.83		mg/Kg	☼	99	75 - 125		
Zinc	13.7		50.6	59.58		mg/Kg	☼	91	75 - 125		

Lab Sample ID: 460-257083-1 MS
Client Sample ID: CC-COMP-01
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842402
Prep Batch: 842260

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Calcium	60700		506	60410	4	mg/Kg	☼	-59	75 - 125		

Lab Sample ID: 460-257083-1 DU
Client Sample ID: CC-COMP-01
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842402
Prep Batch: 842260

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Silver	0.090	U		0.090	U	mg/Kg	☼			NC	20
Aluminum	4940			4911		mg/Kg	☼			0.6	20
Arsenic	2.1			1.94		mg/Kg	☼			7	20
Barium	34.8			32.77		mg/Kg	☼			6	20
Beryllium	0.21	J		0.230	J	mg/Kg	☼			8	20
Cadmium	0.11	U		0.11	U	mg/Kg	☼			NC	20
Cobalt	2.6			2.33		mg/Kg	☼			11	20
Chromium	92.2			72.07	F3	mg/Kg	☼			24	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-257083-1 DU
Client Sample ID: CC-COMP-01
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842402
Prep Batch: 842260

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Copper	4.9		5.05		mg/Kg	☼	3	20
Iron	6880		6576		mg/Kg	☼	5	20
Potassium	937		933.2		mg/Kg	☼	0.4	20
Magnesium	10200		9864		mg/Kg	☼	3	20
Manganese	147		148.7		mg/Kg	☼	1	20
Sodium	913		965.0		mg/Kg	☼	5	20
Nickel	5.1		4.59		mg/Kg	☼	10	20
Lead	3.4		3.54		mg/Kg	☼	3	20
Antimony	0.15	U F1	0.15	U	mg/Kg	☼	NC	20
Selenium	0.13	U	0.13	U	mg/Kg	☼	NC	20
Thallium	0.050	J	0.0486	J	mg/Kg	☼	2	20
Vanadium	8.8		8.84		mg/Kg	☼	0.3	20
Zinc	13.7		13.91		mg/Kg	☼	2	20

Lab Sample ID: 460-257083-1 DU
Client Sample ID: CC-COMP-01
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842402
Prep Batch: 842260

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Calcium	60700		60330		mg/Kg	☼	0.6	20

Lab Sample ID: MB 460-842388/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842402
Prep Batch: 842388

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.29	U	2.0	0.29	ug/L		05/02/22 10:12	05/02/22 15:58	1
Arsenic	0.89	U	2.0	0.89	ug/L		05/02/22 10:12	05/02/22 15:58	1
Barium	0.91	U	4.0	0.91	ug/L		05/02/22 10:12	05/02/22 15:58	1
Cadmium	0.39	U	2.0	0.39	ug/L		05/02/22 10:12	05/02/22 15:58	1
Chromium	2.5	U	4.0	2.5	ug/L		05/02/22 10:12	05/02/22 15:58	1
Nickel	0.91	U	4.0	0.91	ug/L		05/02/22 10:12	05/02/22 15:58	1
Lead	0.84	U	1.2	0.84	ug/L		05/02/22 10:12	05/02/22 15:58	1
Selenium	0.59	U	2.5	0.59	ug/L		05/02/22 10:12	05/02/22 15:58	1

Lab Sample ID: LCS 460-842388/2-A ^10
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842402
Prep Batch: 842388

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	500	500.9		ug/L		100	80 - 120
Arsenic	5000	5094		ug/L		102	80 - 120
Barium	10000	9873		ug/L		99	80 - 120
Cadmium	1000	1036		ug/L		104	80 - 120
Chromium	5000	5200		ug/L		104	80 - 120
Nickel	1000	1047		ug/L		105	80 - 120
Lead	5000	5242		ug/L		105	80 - 120
Selenium	1000	1032		ug/L		103	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LB 460-841871/1-E ^10
Matrix: Solid
Analysis Batch: 842402

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 842388

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	2.9	U	20.0	2.9	ug/L		05/02/22 10:12	05/02/22 16:26	10
Arsenic	8.9	U	20.0	8.9	ug/L		05/02/22 10:12	05/02/22 16:26	10
Barium	9.1	U	40.0	9.1	ug/L		05/02/22 10:12	05/02/22 16:26	10
Cadmium	3.9	U	20.0	3.9	ug/L		05/02/22 10:12	05/02/22 16:26	10
Chromium	25.0	U	40.0	25.0	ug/L		05/02/22 10:12	05/02/22 16:26	10
Nickel	9.1	U	40.0	9.1	ug/L		05/02/22 10:12	05/02/22 16:26	10
Lead	8.4	U	12.0	8.4	ug/L		05/02/22 10:12	05/02/22 16:26	10
Selenium	5.9	U	25.0	5.9	ug/L		05/02/22 10:12	05/02/22 16:26	10

Lab Sample ID: LB 460-842318/1-C ^10
Matrix: Solid
Analysis Batch: 842402

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 842388

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	2.9	U	20.0	2.9	ug/L		05/02/22 10:12	05/02/22 16:30	10
Arsenic	8.9	U	20.0	8.9	ug/L		05/02/22 10:12	05/02/22 16:30	10
Barium	9.1	U	40.0	9.1	ug/L		05/02/22 10:12	05/02/22 16:30	10
Cadmium	3.9	U	20.0	3.9	ug/L		05/02/22 10:12	05/02/22 16:30	10
Chromium	25.0	U	40.0	25.0	ug/L		05/02/22 10:12	05/02/22 16:30	10
Nickel	9.1	U	40.0	9.1	ug/L		05/02/22 10:12	05/02/22 16:30	10
Lead	8.4	U	12.0	8.4	ug/L		05/02/22 10:12	05/02/22 16:30	10
Selenium	5.9	U	25.0	5.9	ug/L		05/02/22 10:12	05/02/22 16:30	10

Lab Sample ID: 140-27249-B-6-M MSD ^10
Matrix: Solid
Analysis Batch: 842402

Client Sample ID: Matrix Spike Duplicate
Prep Type: TCLP
Prep Batch: 842388

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	29.2		5000	5142		ug/L		102	75 - 125	9	20
Barium	73.6	F1	10000	2565	F1	ug/L		25	75 - 125	17	20
Cadmium	6730		1000	7120	4	ug/L		39	75 - 125	9	20
Chromium	547		5000	5466		ug/L		98	75 - 125	10	20
Nickel	3090		1000	3928		ug/L		84	75 - 125	9	20
Lead	2180		5000	6435		ug/L		85	75 - 125	9	20
Selenium	6.7	J	1000	1006		ug/L		100	75 - 125	9	20

Lab Sample ID: 140-27249-B-6-R MS
Matrix: Solid
Analysis Batch: 842402

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 842388

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	29.2		5000	5651		ug/L		112	75 - 125
Barium	73.6	F1	10000	3053	F1	ug/L		30	75 - 125
Cadmium	6730		1000	7767	4	ug/L		104	75 - 125
Chromium	547		5000	6017		ug/L		109	75 - 125
Nickel	3090		1000	4316		ug/L		123	75 - 125
Lead	2180		5000	7060		ug/L		98	75 - 125
Selenium	6.7	J	1000	1105		ug/L		110	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 140-27249-B-6-K DU ^10
Matrix: Solid
Analysis Batch: 842402

Client Sample ID: Duplicate
Prep Type: TCLP
Prep Batch: 842388

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	29.2		28.67		ug/L		2	20
Barium	73.6	F1	73.11		ug/L		0.7	20
Cadmium	6730		6775		ug/L		0.7	20
Chromium	547		544.2		ug/L		0.6	20
Nickel	3090		3154		ug/L		2	20
Lead	2180		2169		ug/L		0.3	20
Selenium	6.7	J	7.04	J	ug/L		6	20

Lab Sample ID: LRC 460-842402/12
Matrix: Solid
Analysis Batch: 842402

Client Sample ID: Lab Control Sample

Analyte	Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	5000	5348		ug/L		107	90 - 110
Barium	20000	20110		ug/L		101	90 - 110
Beryllium	2000	2026		ug/L		101	90 - 110
Cadmium	5000	5243		ug/L		105	90 - 110
Cobalt	2000	2128		ug/L		106	90 - 110
Chromium	20000	21600		ug/L		108	90 - 110
Copper	20000	20770		ug/L		104	90 - 110
Manganese	10000	10520		ug/L		105	90 - 110
Nickel	20000	21110		ug/L		106	90 - 110
Lead	20000	21670		ug/L		108	90 - 110
Selenium	2000	2138		ug/L		107	90 - 110
Thallium	1000	1016		ug/L		102	90 - 110
Vanadium	5000	5125		ug/L		102	90 - 110
Zinc	20000	20370		ug/L		102	90 - 110

Lab Sample ID: LRC 460-842402/13
Matrix: Solid
Analysis Batch: 842402

Client Sample ID: Lab Control Sample

Analyte	Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	200000	199600		ug/L		100	90 - 110
Calcium	500000	523900		ug/L		105	90 - 110
Iron	500000	497900		ug/L		100	90 - 110
Potassium	500000	517600		ug/L		104	90 - 110
Magnesium	500000	504300		ug/L		101	90 - 110
Sodium	500000	504900		ug/L		101	90 - 110

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 460-842049/1-A
Matrix: Solid
Analysis Batch: 842096

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 842049

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000091	U	0.00020	0.000091	mg/L		04/29/22 14:31	04/29/22 16:11	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 460-842049/2-A
Matrix: Solid
Analysis Batch: 842096

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 842049

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00500	0.00492		mg/L		98	80 - 120		

Lab Sample ID: LB 460-841871/1-C
Matrix: Solid
Analysis Batch: 842096

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 842049

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000091	U	0.00020	0.000091	mg/L		04/29/22 14:31	04/29/22 16:56	1

Lab Sample ID: 180-137206-D-3-F MS
Matrix: Solid
Analysis Batch: 842096

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 842049

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.000091	U	0.00500	0.00411		mg/L		82	75 - 125		

Lab Sample ID: 180-137206-D-3-E DU
Matrix: Solid
Analysis Batch: 842096

Client Sample ID: Duplicate
Prep Type: TCLP
Prep Batch: 842049

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.000091	U	0.000091	U	mg/L		NC	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-842338/10-A
Matrix: Solid
Analysis Batch: 842377

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 842338

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0080	U	0.017	0.0080	mg/Kg		05/02/22 00:11	05/02/22 03:42	1

Lab Sample ID: LCSSRM 460-842338/11-A ^40
Matrix: Solid
Analysis Batch: 842377

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 842338

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			18.9	18.36		mg/Kg		97.1	68.8 - 131.2		

Lab Sample ID: 460-255935-F-1-T MS
Matrix: Solid
Analysis Batch: 842377

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 842338

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.21	F1	0.0903	0.349	F1	mg/Kg	☼	156	80 - 120		

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 460-255935-F-1-S DU
Matrix: Solid
Analysis Batch: 842377

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 842338

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.21	F1	0.224		mg/Kg	☼	7	20

Method: 1030 - Ignitability, Solids

Lab Sample ID: 460-256913-A-1 DU
Matrix: Solid
Analysis Batch: 842314

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Burn Rate	2.20	U	2.20	U	mm/sec		NC	10

Method: 9014 - Cyanide, Reactive

Lab Sample ID: MB 460-842463/1-A
Matrix: Solid
Analysis Batch: 842467

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 842463

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	25.0	U	25.0	25.0	mg/Kg		05/02/22 12:30	05/02/22 17:15	1

Lab Sample ID: LCS 460-842463/2-A
Matrix: Solid
Analysis Batch: 842467

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 842463

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Reactive	40.0	25.0	U	mg/Kg		12	10 - 100

Lab Sample ID: 460-257197-A-1-I DU
Matrix: Solid
Analysis Batch: 842467

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 842463

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Reactive	25.0	U	25.0	U	mg/Kg		NC	10

Method: 9034 - Sulfide, Reactive

Lab Sample ID: MB 460-842462/1-A
Matrix: Solid
Analysis Batch: 842464

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 842462

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	20.0	U	20.0	20.0	mg/Kg		05/02/22 12:30	05/02/22 17:15	1

Lab Sample ID: LCSSRM 460-842462/3-A
Matrix: Solid
Analysis Batch: 842464

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 842462

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	70.9	64.83		mg/Kg		91.4	46.7 - 142.5

Method: 9034 - Sulfide, Reactive (Continued)

Lab Sample ID: 460-257197-A-1-F MS
Matrix: Solid
Analysis Batch: 842464

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 842462

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide, Reactive	20.0	U F1	440	163.2	F1	mg/Kg		37	64 - 136		

Lab Sample ID: 460-257197-A-1-G MSD
Matrix: Solid
Analysis Batch: 842464

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 842462

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide, Reactive	20.0	U F1	440	155.6	F1	mg/Kg		35	64 - 136	5	10

Method: 9045D - pH

Lab Sample ID: MB 460-842443/2
Matrix: Solid
Analysis Batch: 842443

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.7				SU			05/02/22 14:15	1
Temperature	24.2				Degrees C			05/02/22 14:15	1
Corrosivity	5.7				SU			05/02/22 14:15	1

Lab Sample ID: LCSSRM 460-842443/3
Matrix: Solid
Analysis Batch: 842443

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
pH			6.27	6.3		SU		100.3	96.8 - 103.2		
Corrosivity			6.27	6.3		SU		100.3	96.8 - 103.2		

Lab Sample ID: 460-256220-E-1 DU
Matrix: Solid
Analysis Batch: 842443

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	8.3			8.3		SU				0.1	10
Temperature	23.6			23.5		Degrees C				0.4	10
Corrosivity	8.3			8.3		SU				0.1	10

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

GC/MS Semi VOA

Prep Batch: 841753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257083-1	CC-COMP-01	Total/NA	Solid	3546	
MB 460-841753/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-841753/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-841753/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-257020-E-10-A MS	Matrix Spike	Total/NA	Solid	3546	
460-257020-E-10-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 841837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257083-1	CC-COMP-01	Total/NA	Solid	8270E	841753
MB 460-841753/1-A	Method Blank	Total/NA	Solid	8270E	841753
LCS 460-841753/2-A	Lab Control Sample	Total/NA	Solid	8270E	841753
LCSD 460-841753/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	841753
460-257020-E-10-A MS	Matrix Spike	Total/NA	Solid	8270E	841753
460-257020-E-10-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	841753

Leach Batch: 842221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257083-1	CC-COMP-01	TCLP	Solid	1311	
LB 460-842221/1-B	Method Blank	TCLP	Solid	1311	

Prep Batch: 842255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257083-1	CC-COMP-01	TCLP	Solid	3510C	842221
LB 460-842221/1-B	Method Blank	TCLP	Solid	3510C	842221
MB 460-842255/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 460-842255/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 460-842255/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	

Analysis Batch: 842273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-842255/1-A	Method Blank	Total/NA	Solid	8270E	842255
LCS 460-842255/2-A	Lab Control Sample	Total/NA	Solid	8270E	842255
LCSD 460-842255/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	842255

Analysis Batch: 842277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257083-1	CC-COMP-01	TCLP	Solid	8270E	842255
LB 460-842221/1-B	Method Blank	TCLP	Solid	8270E	842255

GC Semi VOA

Prep Batch: 842215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257083-1	CC-COMP-01	Total/NA	Solid	3546	
MB 460-842215/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-842215/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-842215/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-257224-A-6-D MS	Matrix Spike	Total/NA	Solid	3546	
460-257224-A-6-E MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

GC Semi VOA

Prep Batch: 842217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257083-1	CC-COMP-01	Total/NA	Solid	3546	
MB 460-842217/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-842217/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-842217/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-257224-A-6-G MS	Matrix Spike	Total/NA	Solid	3546	
460-257224-A-6-H MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 842342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257083-1	CC-COMP-01	Total/NA	Solid	8081B	842217
MB 460-842217/1-A	Method Blank	Total/NA	Solid	8081B	842217
LCS 460-842217/2-A	Lab Control Sample	Total/NA	Solid	8081B	842217
LCSD 460-842217/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	842217
460-257224-A-6-G MS	Matrix Spike	Total/NA	Solid	8081B	842217
460-257224-A-6-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8081B	842217

Analysis Batch: 842361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257083-1	CC-COMP-01	Total/NA	Solid	8082A	842215
MB 460-842215/1-A	Method Blank	Total/NA	Solid	8082A	842215
LCS 460-842215/2-A	Lab Control Sample	Total/NA	Solid	8082A	842215
LCSD 460-842215/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	842215
460-257224-A-6-D MS	Matrix Spike	Total/NA	Solid	8082A	842215
460-257224-A-6-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8082A	842215

Metals

Leach Batch: 841871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257083-1	CC-COMP-01	TCLP	Solid	1311	
LB 460-841871/1-C	Method Blank	TCLP	Solid	1311	
LB 460-841871/1-E ^10	Method Blank	TCLP	Solid	1311	
180-137206-D-3-F MS	Matrix Spike	TCLP	Solid	1311	
180-137206-D-3-E DU	Duplicate	TCLP	Solid	1311	

Prep Batch: 842049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257083-1	CC-COMP-01	TCLP	Solid	7470A	841871
LB 460-841871/1-C	Method Blank	TCLP	Solid	7470A	841871
MB 460-842049/1-A	Method Blank	Total/NA	Solid	7470A	
LCS 460-842049/2-A	Lab Control Sample	Total/NA	Solid	7470A	
180-137206-D-3-F MS	Matrix Spike	TCLP	Solid	7470A	841871
180-137206-D-3-E DU	Duplicate	TCLP	Solid	7470A	841871

Analysis Batch: 842096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257083-1	CC-COMP-01	TCLP	Solid	7470A	842049
LB 460-841871/1-C	Method Blank	TCLP	Solid	7470A	842049
MB 460-842049/1-A	Method Blank	Total/NA	Solid	7470A	842049
LCS 460-842049/2-A	Lab Control Sample	Total/NA	Solid	7470A	842049
180-137206-D-3-F MS	Matrix Spike	TCLP	Solid	7470A	842049

Metals (Continued)

Analysis Batch: 842096 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-137206-D-3-E DU	Duplicate	TCLP	Solid	7470A	842049

Prep Batch: 842260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257083-1	CC-COMP-01	Total/NA	Solid	3050B	
MB 460-842260/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-842260/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
460-257083-1 MS	CC-COMP-01	Total/NA	Solid	3050B	
460-257083-1 DU	CC-COMP-01	Total/NA	Solid	3050B	

Leach Batch: 842318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 460-842318/1-C ^10	Method Blank	TCLP	Solid	1311	
140-27249-B-6-M MSD ^10	Matrix Spike Duplicate	TCLP	Solid	1311	
140-27249-B-6-R MS	Matrix Spike	TCLP	Solid	1311	
140-27249-B-6-K DU ^10	Duplicate	TCLP	Solid	1311	

Prep Batch: 842338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257083-1	CC-COMP-01	Total/NA	Solid	7471B	
MB 460-842338/10-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-842338/11-A ^	Lab Control Sample	Total/NA	Solid	7471B	
460-255935-F-1-T MS	Matrix Spike	Total/NA	Solid	7471B	
460-255935-F-1-S DU	Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 842377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257083-1	CC-COMP-01	Total/NA	Solid	7471B	842338
MB 460-842338/10-A	Method Blank	Total/NA	Solid	7471B	842338
LCSSRM 460-842338/11-A ^	Lab Control Sample	Total/NA	Solid	7471B	842338
460-255935-F-1-T MS	Matrix Spike	Total/NA	Solid	7471B	842338
460-255935-F-1-S DU	Duplicate	Total/NA	Solid	7471B	842338

Prep Batch: 842388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257083-1	CC-COMP-01	TCLP	Solid	3010A	841871
LB 460-841871/1-E ^10	Method Blank	TCLP	Solid	3010A	841871
LB 460-842318/1-C ^10	Method Blank	TCLP	Solid	3010A	842318
MB 460-842388/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 460-842388/2-A ^10	Lab Control Sample	Total/NA	Solid	3010A	
140-27249-B-6-M MSD ^10	Matrix Spike Duplicate	TCLP	Solid	3010A	842318
140-27249-B-6-R MS	Matrix Spike	TCLP	Solid	3010A	842318
140-27249-B-6-K DU ^10	Duplicate	TCLP	Solid	3010A	842318

Analysis Batch: 842402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257083-1	CC-COMP-01	TCLP	Solid	6020B	842388
460-257083-1	CC-COMP-01	Total/NA	Solid	6020B	842260
460-257083-1	CC-COMP-01	Total/NA	Solid	6020B	842260
LB 460-841871/1-E ^10	Method Blank	TCLP	Solid	6020B	842388
LB 460-842318/1-C ^10	Method Blank	TCLP	Solid	6020B	842388

Metals (Continued)

Analysis Batch: 842402 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-842260/1-A	Method Blank	Total/NA	Solid	6020B	842260
MB 460-842388/1-A	Method Blank	Total/NA	Solid	6020B	842388
LCS 460-842388/2-A ^10	Lab Control Sample	Total/NA	Solid	6020B	842388
LCSSRM 460-842260/2-A ^5	Lab Control Sample	Total/NA	Solid	6020B	842260
LRC 460-842402/12	Lab Control Sample		Solid	6020B	
LRC 460-842402/13	Lab Control Sample		Solid	6020B	
140-27249-B-6-M MSD ^10	Matrix Spike Duplicate	TCLP	Solid	6020B	842388
140-27249-B-6-R MS	Matrix Spike	TCLP	Solid	6020B	842388
460-257083-1 MS	CC-COMP-01	Total/NA	Solid	6020B	842260
460-257083-1 MS	CC-COMP-01	Total/NA	Solid	6020B	842260
140-27249-B-6-K DU ^10	Duplicate	TCLP	Solid	6020B	842388
460-257083-1 DU	CC-COMP-01	Total/NA	Solid	6020B	842260
460-257083-1 DU	CC-COMP-01	Total/NA	Solid	6020B	842260

General Chemistry

Analysis Batch: 842314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257083-1	CC-COMP-01	Total/NA	Solid	1030	
460-256913-A-1 DU	Duplicate	Total/NA	Solid	1030	

Analysis Batch: 842381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257083-1	CC-COMP-01	Total/NA	Solid	Moisture	
460-256852-A-1 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 842443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257083-1	CC-COMP-01	Total/NA	Solid	9045D	
MB 460-842443/2	Method Blank	Total/NA	Solid	9045D	
LCSSRM 460-842443/3	Lab Control Sample	Total/NA	Solid	9045D	
460-256220-E-1 DU	Duplicate	Total/NA	Solid	9045D	

Prep Batch: 842462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257083-1	CC-COMP-01	Total/NA	Solid	7.3.4	
MB 460-842462/1-A	Method Blank	Total/NA	Solid	7.3.4	
LCSSRM 460-842462/3-A	Lab Control Sample	Total/NA	Solid	7.3.4	
460-257197-A-1-F MS	Matrix Spike	Total/NA	Solid	7.3.4	
460-257197-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	7.3.4	

Prep Batch: 842463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257083-1	CC-COMP-01	Total/NA	Solid	7.3.3	
MB 460-842463/1-A	Method Blank	Total/NA	Solid	7.3.3	
LCS 460-842463/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
460-257197-A-1-I DU	Duplicate	Total/NA	Solid	7.3.3	

Analysis Batch: 842464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257083-1	CC-COMP-01	Total/NA	Solid	9034	842462

General Chemistry (Continued)

Analysis Batch: 842464 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-842462/1-A	Method Blank	Total/NA	Solid	9034	842462
LCSSRM 460-842462/3-A	Lab Control Sample	Total/NA	Solid	9034	842462
460-257197-A-1-F MS	Matrix Spike	Total/NA	Solid	9034	842462
460-257197-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	9034	842462

Analysis Batch: 842467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257083-1	CC-COMP-01	Total/NA	Solid	9014	842463
MB 460-842463/1-A	Method Blank	Total/NA	Solid	9014	842463
LCS 460-842463/2-A	Lab Control Sample	Total/NA	Solid	9014	842463
460-257197-A-1-I DU	Duplicate	Total/NA	Solid	9014	842463

Lab Chronicle

Client: Environmental Compliance & Control Inc
Job ID: 460-257083-1
Project/Site: Bridge Cleaners, Long Island City, NY

Client Sample ID: CC-COMP-01
Lab Sample ID: 460-257083-1
Date Collected: 04/27/22 09:30
Matrix: Solid
Date Received: 04/27/22 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			842221	04/30/22 15:00	YXG	TAL EDI
TCLP	Prep	3510C			842255	05/01/22 06:58	ZEH	TAL EDI
TCLP	Analysis	8270E		1	842277	05/01/22 21:34	YAH	TAL EDI
TCLP	Leach	1311			841871	04/28/22 15:00	YXG	TAL EDI
TCLP	Prep	3010A			842388	05/02/22 10:12	RSS	TAL EDI
TCLP	Analysis	6020B		10	842402	05/02/22 16:33	MDC	TAL EDI
TCLP	Leach	1311			841871	04/28/22 15:00	YXG	TAL EDI
TCLP	Prep	7470A			842049	04/29/22 14:31	RBS	TAL EDI
TCLP	Analysis	7470A		1	842096	04/29/22 16:38	RBS	TAL EDI
Total/NA	Analysis	1030		1	842314	05/01/22 14:36	YXG	TAL EDI
Total/NA	Prep	7.3.3			842463	05/02/22 12:30	HTV	TAL EDI
Total/NA	Analysis	9014		1	842467	05/02/22 17:15	HTV	TAL EDI
Total/NA	Prep	7.3.4			842462	05/02/22 12:30	HTV	TAL EDI
Total/NA	Analysis	9034		1	842464	05/02/22 17:15	HTV	TAL EDI
Total/NA	Analysis	9045D		1	842443	05/02/22 15:16	YAH	TAL EDI
Total/NA	Analysis	Moisture		1	842381	05/02/22 08:43	FBT	TAL EDI

Client Sample ID: CC-COMP-01
Lab Sample ID: 460-257083-1
Date Collected: 04/27/22 09:30
Matrix: Solid
Date Received: 04/27/22 17:00
Percent Solids: 98.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			841753	04/28/22 10:05	OTS	TAL EDI
Total/NA	Analysis	8270E		1	841837	04/29/22 01:05	MME	TAL EDI
Total/NA	Prep	3546			842217	04/30/22 18:29	ZXB	TAL EDI
Total/NA	Analysis	8081B		1	842342	05/02/22 05:20	FAM	TAL EDI
Total/NA	Prep	3546			842215	04/30/22 18:25	ZXB	TAL EDI
Total/NA	Analysis	8082A		1	842361	05/02/22 08:48	FAM	TAL EDI
Total/NA	Prep	3050B			842260	05/01/22 07:45	NNW	TAL EDI
Total/NA	Analysis	6020B		1	842402	05/02/22 21:18	MDC	TAL EDI
Total/NA	Prep	3050B			842260	05/01/22 07:45	NNW	TAL EDI
Total/NA	Analysis	6020B		4	842402	05/02/22 23:07	MDC	TAL EDI
Total/NA	Prep	7471B			842338	05/02/22 00:11	TJS	TAL EDI
Total/NA	Analysis	7471B		1	842377	05/02/22 03:56	TJS	TAL EDI

Laboratory References:

TAL EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Environmental Compliance & Control Inc
Job ID: 460-257083-1
Project/Site: Bridge Cleaners, Long Island City, NY

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
7470A	7470A	Solid	Mercury
8270E	3510C	Solid	3 & 4 Methylphenol
9014	7.3.3	Solid	Cyanide, Reactive
9034	7.3.4	Solid	Sulfide, Reactive
9045D		Solid	Temperature
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

8270E

Semivolatile Organic Compounds (GC/MS)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPHL #
CC-COMP-01	460-257083-1	5 S1-	36	61	75	0.4 S1-	86
	MB 460-841753/1-A	83	82	78	101	123	113
	LCS 460-841753/2-A	83	81	82	100	125 S1+	114
	LCSD 460-841753/3-A	83	82	78	100	123	113
	460-257020-E-10-A MS	66	69	65	89	110	98
	460-257020-E-10-B MSD	69	71	68	88	104	98

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	18-123
PHL = Phenol-d5 (Surr)	23-120
NBZ = Nitrobenzene-d5 (Surr)	16-125
FBP = 2-Fluorobiphenyl	22-122
TBP = 2,4,6-Tribromophenol (Surr)	10-123
TPHL = Terphenyl-d14 (Surr)	25-126

Column to be used to flag recovery values

FORM II 8270E

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid (TCLP) Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPHL #
CC-COMP-01	460-257083-1	57	36	111	108	135	86
	MB 460-842255/1-A	50	33	88	84	67	89
	LB 460-842221/1-B	55	36	109	105	128	107
	LCS 460-842255/2-A	51	36	89	83	73	87
	LCSD 460-842255/3-A	53	38	89	84	72	87

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	19-80
PHL = Phenol-d5 (Surr)	10-56
NBZ = Nitrobenzene-d5 (Surr)	52-137
FBP = 2-Fluorobiphenyl	46-139
TBP = 2,4,6-Tribromophenol (Surr)	37-150
TPHL = Terphenyl-d14 (Surr)	22-150

Column to be used to flag recovery values

FORM II 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X41306.d

Lab ID: LCS 460-841753/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1'-Biphenyl	3330	3680	110	59-120	
1,2,4,5-Tetrachlorobenzene	3330	3970	119	60-120	
2,2'-oxybis[1-chloropropane]	3330	2000	60	49-126	
2,3,4,6-Tetrachlorophenol	3330	4050	122	54-120	*+
2,4,5-Trichlorophenol	3330	3830	115	59-120	
2,4,6-Trichlorophenol	3330	3770	113	58-120	
2,4-Dichlorophenol	3330	3860	116	66-120	
2,4-Dimethylphenol	3330	3380	101	67-120	
2,4-Dinitrophenol	6670	6790	102	36-129	
2,4-Dinitrotoluene	3330	3770	113	65-124	
2,6-Dinitrotoluene	3330	3790	114	67-121	
2-Chloronaphthalene	3330	3660	110	60-120	
2-Chlorophenol	3330	3210	96	63-120	
2-Methylnaphthalene	3330	3370	101	64-120	
2-Methylphenol	3330	3030	91	63-120	
2-Nitroaniline	3330	3000	90	48-120	
2-Nitrophenol	3330	3470	104	64-120	
3,3'-Dichlorobenzidine	3330	1810	54	13-136	
3-Nitroaniline	3330	2490	75	39-122	
4,6-Dinitro-2-methylphenol	6670	7430	111	50-136	
4-Bromophenyl phenyl ether	3330	4160	125	67-120	*+
4-Chloro-3-methylphenol	3330	3420	103	66-120	
4-Chloroaniline	3330	1470	44	15-128	
4-Chlorophenyl phenyl ether	3330	3780	114	62-120	
4-Methylphenol	3330	3000	90	61-120	
4-Nitroaniline	3330	3120	94	55-120	
4-Nitrophenol	6670	5670	85	52-123	
Acenaphthene	3330	3140	94	49-120	
Acenaphthylene	3330	3430	103	64-120	
Acetophenone	3330	2840	85	61-120	
Anthracene	3330	3630	109	67-120	
Atrazine	1330	2220	166	29-150	*+
Benzaldehyde	1330	1310	98	34-150	
Benzo[a]anthracene	3330	3670	110	62-120	
Benzo[a]pyrene	3330	3400	102	73-123	
Benzo[b]fluoranthene	3330	3800	114	70-125	
Benzo[g,h,i]perylene	3330	3680	111	66-120	
Benzo[k]fluoranthene	3330	3780	113	67-122	
Bis(2-chloroethoxy)methane	3330	2980	89	62-120	
Bis(2-chloroethyl)ether	3330	2820	84	60-120	
Bis(2-ethylhexyl) phthalate	3330	3710	111	59-125	
Butyl benzyl phthalate	3330	3760	113	62-127	
Caprolactam	1330	2190	164	36-150	*+

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X41306.d

Lab ID: LCS 460-841753/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Carbazole	3330	3580	107	64-120	
Chrysene	3330	3620	108	63-120	
Dibenz(a,h)anthracene	3330	3820	115	66-128	
Dibenzofuran	3330	3730	112	61-120	
Diethyl phthalate	3330	3660	110	63-120	
Dimethyl phthalate	3330	3770	113	65-120	
Di-n-butyl phthalate	3330	3590	108	66-120	
Di-n-octyl phthalate	3330	3720	112	65-133	
Fluoranthene	3330	3550	107	61-120	
Fluorene	3330	3730	112	60-120	
Hexachlorobenzene	3330	4210	126	66-120	*+
Hexachlorobutadiene	3330	3840	115	62-120	
Hexachlorocyclopentadiene	3330	3430	103	38-120	
Hexachloroethane	3330	2980	89	61-120	
Indeno[1,2,3-cd]pyrene	3330	3950	119	62-130	
Isophorone	3330	2940	88	67-120	
Naphthalene	3330	3440	103	63-120	
Nitrobenzene	3330	3110	93	63-120	
N-Nitrosodi-n-propylamine	3330	2690	81	61-120	
N-Nitrosodiphenylamine	3330	3790	114	63-120	
Pentachlorophenol	6670	7530	113	37-126	
Phenanthrene	3330	3630	109	66-120	
Phenol	3330	2910	87	63-120	
Pyrene	3330	3970	119	61-121	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A187692.D

Lab ID: LCS 460-842255/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,4-Dichlorobenzene	0.0800	0.0699	87	35-120	
2,4,5-Trichlorophenol	0.0800	0.0570	71	58-120	
2,4,6-Trichlorophenol	0.0800	0.0595	74	61-120	
3 & 4 Methylphenol	0.0800	0.0581	73	35-120	
2,4-Dinitrotoluene	0.0800	0.0692	86	68-134	
Pyridine	0.160	0.0780	49	10-120	
2-Methylphenol	0.0800	0.0627	78	44-120	
Hexachlorobenzene	0.0800	0.0587	73	61-128	
Hexachlorobutadiene	0.0800	0.0548	68	27-127	
Hexachloroethane	0.0800	0.0756	94	26-120	
Nitrobenzene	0.0800	0.0771	96	64-120	
Pentachlorophenol	0.160	0.0983	61	24-131	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X41307.d

Lab ID: LCSD 460-841753/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1'-Biphenyl	3330	3640	109	1	30	59-120	
1,2,4,5-Tetrachlorobenzene	3330	3850	115	3	30	60-120	
2,2'-oxybis[1-chloropropane]	3330	2000	60	0	30	49-126	
2,3,4,6-Tetrachlorophenol	3330	3930	118	3	30	54-120	
2,4,5-Trichlorophenol	3330	3780	113	1	30	59-120	
2,4,6-Trichlorophenol	3330	3810	114	1	30	58-120	
2,4-Dichlorophenol	3330	3810	114	1	30	66-120	
2,4-Dimethylphenol	3330	3330	100	2	30	67-120	
2,4-Dinitrophenol	6670	6870	103	1	30	36-129	
2,4-Dinitrotoluene	3330	3700	111	2	30	65-124	
2,6-Dinitrotoluene	3330	3700	111	2	30	67-121	
2-Chloronaphthalene	3330	3590	108	2	30	60-120	
2-Chlorophenol	3330	3200	96	0	30	63-120	
2-Methylnaphthalene	3330	3290	99	2	30	64-120	
2-Methylphenol	3330	3050	92	1	30	63-120	
2-Nitroaniline	3330	2920	88	3	30	48-120	
2-Nitrophenol	3330	3380	102	3	30	64-120	
3,3'-Dichlorobenzidine	3330	1750	53	3	30	13-136	
3-Nitroaniline	3330	2410	72	3	30	39-122	
4,6-Dinitro-2-methylphenol	6670	7290	109	2	30	50-136	
4-Bromophenyl phenyl ether	3330	4060	122	3	30	67-120	*+
4-Chloro-3-methylphenol	3330	3330	100	3	30	66-120	
4-Chloroaniline	3330	1370	41	7	30	15-128	
4-Chlorophenyl phenyl ether	3330	3670	110	3	30	62-120	
4-Methylphenol	3330	3090	93	3	30	61-120	
4-Nitroaniline	3330	3050	91	2	30	55-120	
4-Nitrophenol	6670	5710	86	1	30	52-123	
Acenaphthene	3330	3200	96	2	30	49-120	
Acenaphthylene	3330	3420	103	0	30	64-120	
Acetophenone	3330	2870	86	1	30	61-120	
Anthracene	3330	3650	109	0	30	67-120	
Atrazine	1330	2320	174	5	30	29-150	*+
Benzaldehyde	1330	1450	109	11	30	34-150	
Benzo[a]anthracene	3330	3700	111	1	30	62-120	
Benzo[a]pyrene	3330	3480	104	2	30	73-123	
Benzo[b]fluoranthene	3330	3880	116	2	30	70-125	
Benzo[g,h,i]perylene	3330	3730	112	1	30	66-120	
Benzo[k]fluoranthene	3330	3740	112	1	30	67-122	
Bis(2-chloroethoxy)methane	3330	2980	90	0	30	62-120	
Bis(2-chloroethyl)ether	3330	2800	84	0	30	60-120	
Bis(2-ethylhexyl) phthalate	3330	3680	110	1	30	59-125	
Butyl benzyl phthalate	3330	3750	112	0	30	62-127	
Caprolactam	1330	2150	161	2	30	36-150	*+

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X41307.d

Lab ID: LCSD 460-841753/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Carbazole	3330	3550	106	1	30	64-120	
Chrysene	3330	3520	106	3	30	63-120	
Dibenz(a,h)anthracene	3330	3840	115	1	30	66-128	
Dibenzofuran	3330	3670	110	2	30	61-120	
Diethyl phthalate	3330	3650	109	0	30	63-120	
Dimethyl phthalate	3330	3720	112	1	30	65-120	
Di-n-butyl phthalate	3330	3500	105	2	30	66-120	
Di-n-octyl phthalate	3330	3730	112	0	30	65-133	
Fluoranthene	3330	3540	106	0	30	61-120	
Fluorene	3330	3720	112	0	30	60-120	
Hexachlorobenzene	3330	4140	124	2	30	66-120	*+
Hexachlorobutadiene	3330	3760	113	2	30	62-120	
Hexachlorocyclopentadiene	3330	3280	98	4	30	38-120	
Hexachloroethane	3330	3010	90	1	30	61-120	
Indeno[1,2,3-cd]pyrene	3330	4030	121	2	30	62-130	
Isophorone	3330	2930	88	1	30	67-120	
Naphthalene	3330	3330	100	3	30	63-120	
Nitrobenzene	3330	3040	91	2	30	63-120	
N-Nitrosodi-n-propylamine	3330	2680	80	0	30	61-120	
N-Nitrosodiphenylamine	3330	3660	110	3	30	63-120	
Pentachlorophenol	6670	7440	112	1	30	37-126	
Phenanthrene	3330	3620	109	0	30	66-120	
Phenol	3330	2950	89	2	30	63-120	
Pyrene	3330	3880	116	2	30	61-121	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A187693.D

Lab ID: LCSD 460-842255/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,4-Dichlorobenzene	0.0800	0.0705	88	1	30	35-120	
2,4,5-Trichlorophenol	0.0800	0.0592	74	4	30	58-120	
2,4,6-Trichlorophenol	0.0800	0.0601	75	1	30	61-120	
3 & 4 Methylphenol	0.0800	0.0576	72	1	30	35-120	
2,4-Dinitrotoluene	0.0800	0.0689	86	0	30	68-134	
Pyridine	0.160	0.0784	49	1	30	10-120	
2-Methylphenol	0.0800	0.0622	78	1	30	44-120	
Hexachlorobenzene	0.0800	0.0585	73	0	30	61-128	
Hexachlorobutadiene	0.0800	0.0549	69	0	30	27-127	
Hexachloroethane	0.0800	0.0763	95	1	30	26-120	
Nitrobenzene	0.0800	0.0788	98	2	30	64-120	
Pentachlorophenol	0.160	0.0976	61	1	30	24-131	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X41309.d

Lab ID: 460-257020-E-10-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1'-Biphenyl	3640	13 U	3560	98	59-120	
1,2,4,5-Tetrachlorobenzene	3640	11 U	3710	102	60-120	
2,2'-oxybis[1-chloropropane]	3640	6.5 U	1760	48	49-126	F1
2,3,4,6-Tetrachlorophenol	3640	24 U	3880	107	54-120	
2,4,5-Trichlorophenol	3640	37 U	3630	100	59-120	
2,4,6-Trichlorophenol	3640	46 U	3690	101	58-120	
2,4-Dichlorophenol	3640	23 U	3590	99	66-120	
2,4-Dimethylphenol	3640	43 U	2840	78	67-120	
2,4-Dinitrophenol	7280	180 U	5920	81	36-129	
2,4-Dinitrotoluene	3640	39 U	3620	99	65-124	
2,6-Dinitrotoluene	3640	26 U	3660	101	67-121	
2-Chloronaphthalene	3640	17 U	3470	95	60-120	
2-Chlorophenol	3640	13 U	2870	79	63-120	
2-Methylnaphthalene	3640	73 J	3100	83	64-120	
2-Methylphenol	3640	13 U	2670	73	63-120	
2-Nitroaniline	3640	28 U	2910	80	48-120	
2-Nitrophenol	3640	36 U	3010	83	64-120	
3,3'-Dichlorobenzidine	3640	55 U	3200	88	13-136	
3-Nitroaniline	3640	86 U	3180	87	39-122	
4,6-Dinitro-2-methylphenol	7280	150 U	6850	94	50-136	
4-Bromophenyl phenyl ether	3640	14 U	3970	109	67-120	
4-Chloro-3-methylphenol	3640	20 U	3220	88	66-120	
4-Chloroaniline	3640	64 U	2650	73	15-128	
4-Chlorophenyl phenyl ether	3640	13 U	3640	100	62-120	
4-Methylphenol	3640	23 U	2800	77	61-120	
4-Nitroaniline	3640	41 U	2990	82	55-120	
4-Nitrophenol	7280	59 U	5620	77	52-123	
Acenaphthene	3640	10 U	3070	84	49-120	
Acenaphthylene	3640	10 U	3280	90	64-120	
Acetophenone	3640	18 U	2720	75	61-120	
Anthracene	3640	12 J	3520	96	67-120	
Atrazine	1460	21 U	2170	149	29-150	
Benzaldehyde	1460	60 U	1240	85	34-150	
Benzo[a]anthracene	3640	13 U	3430	94	62-120	
Benzo[a]pyrene	3640	9.6 U	3260	90	73-123	
Benzo[b]fluoranthene	3640	9.3 U	3530	97	70-125	
Benzo[g,h,i]perylene	3640	11 U	3640	100	66-120	
Benzo[k]fluoranthene	3640	7.1 U	3860	106	67-122	
Bis(2-chloroethoxy)methane	3640	28 U	2740	75	62-120	
Bis(2-chloroethyl)ether	3640	13 U	2460	68	60-120	
Bis(2-ethylhexyl) phthalate	3640	19 U	3510	96	59-125	
Butyl benzyl phthalate	3640	17 U	3550	97	62-127	
Caprolactam	1460	56 U	2010	138	36-150	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X41309.d

Lab ID: 460-257020-E-10-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Carbazole	3640	14 U	3460	95	64-120	
Chrysene	3640	6.1 U	3400	93	63-120	
Dibenz(a,h)anthracene	3640	16 U	3770	104	66-128	
Dibenzofuran	3640	12 U	3690	101	61-120	
Diethyl phthalate	3640	12 U	3560	98	63-120	
Dimethyl phthalate	3640	82 U	3610	99	65-120	
Di-n-butyl phthalate	3640	14 U	3380	93	66-120	
Di-n-octyl phthalate	3640	19 U	3530	97	65-133	
Fluoranthene	3640	13 U	3470	95	61-120	
Fluorene	3640	11 U	3620	99	60-120	
Hexachlorobenzene	3640	17 U	4030	111	66-120	
Hexachlorobutadiene	3640	7.7 U	3190	88	62-120	
Hexachlorocyclopentadiene	3640	32 U	2890	79	38-120	
Hexachloroethane	3640	12 U	2710	74	61-120	
Indeno[1,2,3-cd]pyrene	3640	14 U	3770	103	62-130	
Isophorone	3640	100 U	2660	73	67-120	
Naphthalene	3640	83 J	3010	80	63-120	
Nitrobenzene	3640	20 U	2790	77	63-120	
N-Nitrosodi-n-propylamine	3640	26 U	2520	69	61-120	
N-Nitrosodiphenylamine	3640	30 U	3570	98	63-120	
Pentachlorophenol	7280	74 U	7240	99	37-126	
Phenanthrene	3640	23 J	3540	97	66-120	
Phenol	3640	13 U	2780	76	63-120	
Pyrene	3640	9.0 U	3810	105	61-121	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X41310.d

Lab ID: 460-257020-E-10-B MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1'-Biphenyl	3640	3450	95	3	30	59-120	
1,2,4,5-Tetrachlorobenzene	3640	3670	101	1	30	60-120	
2,2'-oxybis[1-chloropropane]	3640	1860	51	6	30	49-126	
2,3,4,6-Tetrachlorophenol	3640	3680	101	5	30	54-120	
2,4,5-Trichlorophenol	3640	3740	103	3	30	59-120	
2,4,6-Trichlorophenol	3640	3430	94	7	30	58-120	
2,4-Dichlorophenol	3640	3590	99	0	30	66-120	
2,4-Dimethylphenol	3640	2690	74	5	30	67-120	
2,4-Dinitrophenol	7280	5000	69	17	30	36-129	
2,4-Dinitrotoluene	3640	3550	97	2	30	65-124	
2,6-Dinitrotoluene	3640	3510	96	4	30	67-121	
2-Chloronaphthalene	3640	3490	96	1	30	60-120	
2-Chlorophenol	3640	2960	81	3	30	63-120	
2-Methylnaphthalene	3640	3190	86	3	30	64-120	
2-Methylphenol	3640	2710	74	1	30	63-120	
2-Nitroaniline	3640	2460	68	17	30	48-120	
2-Nitrophenol	3640	3130	86	4	30	64-120	
3,3'-Dichlorobenzidine	3640	3010	83	6	30	13-136	
3-Nitroaniline	3640	3110	86	2	30	39-122	
4,6-Dinitro-2-methylphenol	7280	6340	87	8	30	50-136	
4-Bromophenyl phenyl ether	3640	3920	108	1	30	67-120	
4-Chloro-3-methylphenol	3640	3130	86	3	30	66-120	
4-Chloroaniline	3640	2690	74	2	30	15-128	
4-Chlorophenyl phenyl ether	3640	3510	96	4	30	62-120	
4-Methylphenol	3640	2750	76	2	30	61-120	
4-Nitroaniline	3640	2750	75	9	30	55-120	
4-Nitrophenol	7280	5340	73	5	30	52-123	
Acenaphthene	3640	3000	82	2	30	49-120	
Acenaphthylene	3640	3210	88	2	30	64-120	
Acetophenone	3640	2830	78	4	30	61-120	
Anthracene	3640	3500	96	1	30	67-120	
Atrazine	1460	2180	150	0	30	29-150	
Benzaldehyde	1460	1380	95	11	30	34-150	
Benzo[a]anthracene	3640	3330	92	3	30	62-120	
Benzo[a]pyrene	3640	3180	87	3	30	73-123	
Benzo[b]fluoranthene	3640	3410	94	4	30	70-125	
Benzo[g,h,i]perylene	3640	3480	96	5	30	66-120	
Benzo[k]fluoranthene	3640	3660	101	5	30	67-122	
Bis(2-chloroethoxy)methane	3640	2800	77	2	30	62-120	
Bis(2-chloroethyl)ether	3640	2600	71	5	30	60-120	
Bis(2-ethylhexyl) phthalate	3640	3440	94	2	30	59-125	
Butyl benzyl phthalate	3640	3490	96	2	30	62-127	
Caprolactam	1460	2020	139	0	30	36-150	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X41310.d

Lab ID: 460-257020-E-10-B MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Carbazole	3640	3270	90	5	30	64-120	
Chrysene	3640	3340	92	2	30	63-120	
Dibenz(a,h)anthracene	3640	3600	99	5	30	66-128	
Dibenzofuran	3640	3570	98	3	30	61-120	
Diethyl phthalate	3640	3400	93	5	30	63-120	
Dimethyl phthalate	3640	3460	95	4	30	65-120	
Di-n-butyl phthalate	3640	3310	91	2	30	66-120	
Di-n-octyl phthalate	3640	3370	93	5	30	65-133	
Fluoranthene	3640	3310	91	5	30	61-120	
Fluorene	3640	3470	95	4	30	60-120	
Hexachlorobenzene	3640	3920	108	3	30	66-120	
Hexachlorobutadiene	3640	3320	91	4	30	62-120	
Hexachlorocyclopentadiene	3640	3060	84	6	30	38-120	
Hexachloroethane	3640	2750	75	2	30	61-120	
Indeno[1,2,3-cd]pyrene	3640	3680	101	2	30	62-130	
Isophorone	3640	2730	75	3	30	67-120	
Naphthalene	3640	3120	84	4	30	63-120	
Nitrobenzene	3640	2880	79	3	30	63-120	
N-Nitrosodi-n-propylamine	3640	2550	70	1	30	61-120	
N-Nitrosodiphenylamine	3640	3410	94	5	30	63-120	
Pentachlorophenol	7280	6830	94	6	30	37-126	
Phenanthrene	3640	3460	94	2	30	66-120	
Phenol	3640	2790	77	0	30	63-120	
Pyrene	3640	3670	101	4	30	61-121	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab File ID: X41305.d Lab Sample ID: MB 460-841753/1-A

Matrix: Solid Date Extracted: 04/28/2022 10:05

Instrument ID: CBNAMS5 Date Analyzed: 04/28/2022 22:18

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-841753/2-A	X41306.d	04/28/2022 22:41
	LCSD 460-841753/3-A	X41307.d	04/28/2022 23:05
	460-257020-E-10-A MS	X41309.d	04/28/2022 23:53
	460-257020-E-10-B MSD	X41310.d	04/29/2022 00:17
CC-COMP-01	460-257083-1	X41312.d	04/29/2022 01:05

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab File ID: A187691.D Lab Sample ID: MB 460-842255/1-A

Matrix: Water Date Extracted: 05/01/2022 06:58

Instrument ID: CBNAMS16 Date Analyzed: 05/01/2022 11:56

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-842255/2-A	A187692.D	05/01/2022 12:17
	LCSD 460-842255/3-A	A187693.D	05/01/2022 12:39
	LB 460-842221/1-B	M235886.D	05/01/2022 20:52
CC-COMP-01	460-257083-1	M235888.D	05/01/2022 21:34

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab File ID: A186566.D DFTPP Injection Date: 03/08/2022

Instrument ID: CBNAMS16 DFTPP Injection Time: 09:05

Analysis Batch No.: 832222

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2% of m/z 69	0.8 (1.6) 1
69	Present	48.3
70	Less than 2% of m/z 69	0.3 (0.6) 1
197	Less than 2% of m/z 198	0.0
198	Base Peak	100.0
199	5-9% of m/z 198	7.1
365	Greater than 1% of Base Peak	3.5
441	Less than 150% of m/z 443	11.0 (73.6) 3
442	Present	73.4
443	15-24% of m/z 442	15.0 (20.4) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-832222/2	A186567.D	03/08/2022	9:18
	STD24 460-832222/3	A186568.D	03/08/2022	9:39
	STD16 460-832222/4	A186569.D	03/08/2022	10:00
	STD4 460-832222/5	A186570.D	03/08/2022	10:21
	STD2 460-832222/6	A186571.D	03/08/2022	10:42
	STD1 460-832222/7	A186572.D	03/08/2022	11:03
	STD04 460-832222/8	A186573.D	03/08/2022	11:24
	STD02 460-832222/9	A186574.D	03/08/2022	11:45
	STD01 460-832222/10	A186575.D	03/08/2022	12:06
	ICV 460-832222/11	A186576.D	03/08/2022	12:27

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab File ID: M234654.D DFTPP Injection Date: 03/10/2022

Instrument ID: CBNAMS17 DFTPP Injection Time: 10:28

Analysis Batch No.: 832677

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2% of m/z 69	0.5 (1.1) 1
69	Present	44.1
70	Less than 2% of m/z 69	0.3 (0.7) 1
197	Less than 2% of m/z 198	0.0
198	Base Peak	100.0
199	5-9% of m/z 198	6.7
365	Greater than 1% of Base Peak	3.1
441	Less than 150% of m/z 443	13.8 (81.5) 3
442	Present	88.8
443	15-24% of m/z 442	16.9 (19.0) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-832677/2	M234655.D	03/10/2022	10:44
	STD24 460-832677/3	M234656.D	03/10/2022	11:04
	STD16 460-832677/4	M234657.D	03/10/2022	11:25
	STD4 460-832677/5	M234658.D	03/10/2022	11:47
	STD2 460-832677/6	M234659.D	03/10/2022	12:08
	STD1 460-832677/7	M234660.D	03/10/2022	12:29
	STD04 460-832677/8	M234661.D	03/10/2022	12:50
	STD02 460-832677/9	M234662.D	03/10/2022	13:11
	STD01 460-832677/10	M234663.D	03/10/2022	13:32
	ICV 460-832677/11	M234664.D	03/10/2022	13:53

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab File ID: X40639.d DFTPP Injection Date: 03/29/2022

Instrument ID: CBNAMS5 DFTPP Injection Time: 09:43

Analysis Batch No.: 836125

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2% of m/z 69	0.7 (1.7) 1
69	Present	39.3
70	Less than 2% of m/z 69	0.1 (0.4) 1
197	Less than 2% of m/z 198	0.0
198	Base Peak	100.0
199	5-9% of m/z 198	6.9
365	Greater than 1% of Base Peak	4.8
441	Less than 150% of m/z 443	26.5 (81.4) 3
442	Present	168.8
443	15-24% of m/z 442	32.5 (19.3) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-836125/2	X40640.d	03/29/2022	9:55
	STD120 460-836125/3	X40641.d	03/29/2022	10:19
	STD80 460-836125/4	X40642.d	03/29/2022	10:49
	STD20 460-836125/5	X40643.d	03/29/2022	11:13
	STD10 460-836125/6	X40644.d	03/29/2022	11:37
	STD5 460-836125/7	X40645.d	03/29/2022	12:02
	STD2 460-836125/8	X40646.d	03/29/2022	12:26
	STD1 460-836125/9	X40647.d	03/29/2022	12:51
	STD05 460-836125/10	X40648.d	03/29/2022	13:15
	ICV 460-836125/11	X40649.d	03/29/2022	13:39

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Sample No.: ICIS 460-832222/2 Date Analyzed: 03/08/2022 09:18

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): A186567.D Heated Purge: (Y/N) N

Calibration ID: 89527

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		355552	4.40	1365036	5.61	728575	7.28
UPPER LIMIT		711104	4.90	2730072	6.11	1457150	7.78
LOWER LIMIT		177776	3.90	682518	5.11	364288	6.78
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-832222/11		491704	4.40	1950696	5.61	972539	7.27

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Sample No.: ICIS 460-832222/2 Date Analyzed: 03/08/2022 09:18

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): A186567.D Heated Purge: (Y/N) N

Calibration ID: 89527

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1190413	8.66	837710	11.27	771569	13.12
UPPER LIMIT		2380826	9.16	1675420	11.77	1543138	13.62
LOWER LIMIT		595207	8.16	418855	10.77	385785	12.62
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-832222/11		1551407	8.66	1036957	11.27	942793	13.12

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Sample No.: CCVIS 460-842273/2 Date Analyzed: 05/01/2022 11:13

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): A187689.D Heated Purge: (Y/N) N

Calibration ID: 89527

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		417612	4.28	1721248	5.50	866249	7.16
UPPER LIMIT		835224	4.78	3442496	6.00	1732498	7.66
LOWER LIMIT		208806	3.78	860624	5.00	433125	6.66
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-842255/1-A		542587	4.28	2260448	5.50	1223430	7.16
LCS 460-842255/2-A		532080	4.28	2199905	5.50	1188933	7.16
LCSD 460-842255/3-A		536292	4.28	2258531	5.50	1196080	7.16

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Sample No.: CCVIS 460-842273/2 Date Analyzed: 05/01/2022 11:13

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): A187689.D Heated Purge: (Y/N) N

Calibration ID: 89527

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1400637	8.55	857909	11.13	843438	12.94
UPPER LIMIT		2801274	9.05	1715818	11.63	1686876	13.44
LOWER LIMIT		700319	8.05	428955	10.63	421719	12.44
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-842255/1-A		2112438	8.55	1331028	11.13	1241419	12.94
LCS 460-842255/2-A		1952553	8.55	1209654	11.13	1152107	12.94
LCSD 460-842255/3-A		1979418	8.55	1243403	11.13	1188782	12.94

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Sample No.: ICIS 460-832677/2 Date Analyzed: 03/10/2022 10:44

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M234655.D Heated Purge: (Y/N) N

Calibration ID: 89540

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		111901	4.29	407355	5.52	202057	7.20
UPPER LIMIT		223802	4.79	814710	6.02	404114	7.70
LOWER LIMIT		55951	3.79	203678	5.02	101029	6.70
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-832677/11		122597	4.29	444070	5.52	217158	7.20

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Sample No.: ICIS 460-832677/2 Date Analyzed: 03/10/2022 10:44

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M234655.D Heated Purge: (Y/N) N

Calibration ID: 89540

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		331938	8.61	244176	11.25	239771	13.20
UPPER LIMIT		663876	9.11	488352	11.75	479542	13.70
LOWER LIMIT		165969	8.11	122088	10.75	119886	12.70
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-832677/11		356053	8.60	272524	11.25	259957	13.20

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Sample No.: CCVIS 460-842277/2 Date Analyzed: 05/01/2022 11:05

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M235860.D Heated Purge: (Y/N) N

Calibration ID: 89540

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		139769	4.19	494216	5.42	243041	7.10
UPPER LIMIT		279538	4.69	988432	5.92	486082	7.60
LOWER LIMIT		69885	3.69	247108	4.92	121521	6.60
LAB SAMPLE ID	CLIENT SAMPLE ID						
LB 460-842221/1-B		113325	4.19	420329	5.42	224777	7.10
460-257083-1	CC-COMP-01	114877	4.19	419583	5.42	224569	7.10

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Sample No.: CCVIS 460-842277/2 Date Analyzed: 05/01/2022 11:05

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M235860.D Heated Purge: (Y/N) N

Calibration ID: 89540

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		379431	8.51	258551	11.12	288581	13.04
UPPER LIMIT		758862	9.01	517102	11.62	577162	13.54
LOWER LIMIT		189716	8.01	129276	10.62	144291	12.54
LAB SAMPLE ID	CLIENT SAMPLE ID						
LB 460-842221/1-B		387809	8.50	314804	11.12	338970	13.03
460-257083-1	CC-COMP-01	385503	8.50	303885	11.12	323903	13.03

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Sample No.: ICIS 460-836125/2 Date Analyzed: 03/29/2022 09:55

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): X40640.d Heated Purge: (Y/N) N

Calibration ID: 90137

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		52689	4.61	201594	5.83	103785	7.49
UPPER LIMIT		105378	5.11	403188	6.33	207570	7.99
LOWER LIMIT		26345	4.11	100797	5.33	51893	6.99
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-836125/11		64365	4.62	241922	5.82	125586	7.49

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Sample No.: ICIS 460-836125/2 Date Analyzed: 03/29/2022 09:55

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): X40640.d Heated Purge: (Y/N) N

Calibration ID: 90137

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		194214	8.90	182708	11.59	215770	13.58
UPPER LIMIT		388428	9.40	365416	12.09	431540	14.08
LOWER LIMIT		97107	8.40	91354	11.09	107885	13.08
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-836125/11		228237	8.89	213678	11.59	253216	13.58

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Sample No.: CCVIS 460-841837/2 Date Analyzed: 04/28/2022 21:29

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): X41303.d Heated Purge: (Y/N) N

Calibration ID: 90137

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		54462	4.42	200074	5.63	106552	7.30
UPPER LIMIT		108924	4.92	400148	6.13	213104	7.80
LOWER LIMIT		27231	3.92	100037	5.13	53276	6.80
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-841753/1-A		49586	4.42	176941	5.63	96374	7.30
LCS 460-841753/2-A		49841	4.42	174745	5.63	92986	7.30
LCSD 460-841753/3-A		46017	4.42	164928	5.63	87848	7.30
460-257020-E-10-A MS		46771	4.42	169479	5.63	88582	7.30
460-257020-E-10-B MSD		44392	4.42	159819	5.63	84798	7.30
460-257083-1	CC-COMP-01	45896	4.43	160167	5.64	87459	7.30

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Sample No.: CCVIS 460-841837/2 Date Analyzed: 04/28/2022 21:29

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): X41303.d Heated Purge: (Y/N) N

Calibration ID: 90137

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		206009	8.71	199676	11.36	247329	13.29
UPPER LIMIT		412018	9.21	399352	11.86	494658	13.79
LOWER LIMIT		103005	8.21	99838	10.86	123665	12.79
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-841753/1-A		187991	8.70	161299	11.35	180306	13.28
LCS 460-841753/2-A		176306	8.71	152531	11.35	176799	13.29
LCSD 460-841753/3-A		165546	8.71	143267	11.35	162772	13.28
460-257020-E-10-A MS		166418	8.71	146026	11.35	165855	13.28
460-257020-E-10-B MSD		157373	8.71	135329	11.35	156876	13.28
460-257083-1	CC-COMP-01	163290	8.70	142247	11.35	164820	13.29

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: CC-COMP-01 | Lab Sample ID: 460-257083-1

Matrix: Solid | Lab File ID: X41312.d

Analysis Method: 8270E | Date Collected: 04/27/2022 09:30

Extract. Method: 3546 | Date Extracted: 04/28/2022 10:05

Sample wt/vol: 15.02(g) | Date Analyzed: 04/29/2022 01:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 1.3 % Solids: 98.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 841837 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	12	U	330	12
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	330	10
108-60-1	2,2'-oxybis[1-chloropropane]	6.1	U	330	6.1
58-90-2	2,3,4,6-Tetrachlorophenol	23	U *+	330	23
95-95-4	2,4,5-Trichlorophenol	34	U	330	34
88-06-2	2,4,6-Trichlorophenol	43	U	130	43
120-83-2	2,4-Dichlorophenol	21	U	130	21
105-67-9	2,4-Dimethylphenol	40	U	330	40
51-28-5	2,4-Dinitrophenol	160	U	270	160
121-14-2	2,4-Dinitrotoluene	36	U	68	36
606-20-2	2,6-Dinitrotoluene	24	U	68	24
91-58-7	2-Chloronaphthalene	15	U	330	15
95-57-8	2-Chlorophenol	12	U	330	12
91-57-6	2-Methylnaphthalene	9.4	U	330	9.4
95-48-7	2-Methylphenol	12	U	330	12
88-74-4	2-Nitroaniline	26	U	330	26
88-75-5	2-Nitrophenol	34	U	330	34
91-94-1	3,3'-Dichlorobenzidine	51	U	130	51
99-09-2	3-Nitroaniline	79	U	330	79
534-52-1	4,6-Dinitro-2-methylphenol	140	U	270	140
101-55-3	4-Bromophenyl phenyl ether	13	U *+	330	13
59-50-7	4-Chloro-3-methylphenol	19	U	330	19
106-47-8	4-Chloroaniline	59	U	330	59
7005-72-3	4-Chlorophenyl phenyl ether	12	U	330	12
106-44-5	4-Methylphenol	21	U	330	21
100-01-6	4-Nitroaniline	38	U	330	38
100-02-7	4-Nitrophenol	55	U	680	55
83-32-9	Acenaphthene	9.5	U	330	9.5
208-96-8	Acenaphthylene	9.6	U	330	9.6
98-86-2	Acetophenone	16	U	330	16
120-12-7	Anthracene	10	U	330	10
1912-24-9	Atrazine	20	U *+	130	20
100-52-7	Benzaldehyde	55	U	330	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: CC-COMP-01 | Lab Sample ID: 460-257083-1

Matrix: Solid | Lab File ID: X41312.d

Analysis Method: 8270E | Date Collected: 04/27/2022 09:30

Extract. Method: 3546 | Date Extracted: 04/28/2022 10:05

Sample wt/vol: 15.02(g) | Date Analyzed: 04/29/2022 01:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 1.3 % Solids: 98.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 841837 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	12	U	33	12
50-32-8	Benzo[a]pyrene	8.9	U	33	8.9
205-99-2	Benzo[b]fluoranthene	8.7	U	33	8.7
191-24-2	Benzo[g,h,i]perylene	9.9	U	330	9.9
207-08-9	Benzo[k]fluoranthene	6.6	U	33	6.6
111-91-1	Bis(2-chloroethoxy)methane	26	U	330	26
111-44-4	Bis(2-chloroethyl)ether	12	U	33	12
117-81-7	Bis(2-ethylhexyl) phthalate	190	J	330	18
85-68-7	Butyl benzyl phthalate	16	U	330	16
105-60-2	Caprolactam	52	U *+	330	52
86-74-8	Carbazole	13	U	330	13
218-01-9	Chrysene	5.7	U	330	5.7
53-70-3	Dibenz(a,h)anthracene	14	U	33	14
132-64-9	Dibenzofuran	11	U	330	11
84-66-2	Diethyl phthalate	11	U	330	11
131-11-3	Dimethyl phthalate	76	U	330	76
84-74-2	Di-n-butyl phthalate	13	U	330	13
117-84-0	Di-n-octyl phthalate	18	U	330	18
206-44-0	Fluoranthene	12	U	330	12
86-73-7	Fluorene	9.8	U	330	9.8
118-74-1	Hexachlorobenzene	16	U *+	33	16
87-68-3	Hexachlorobutadiene	7.1	U	68	7.1
77-47-4	Hexachlorocyclopentadiene	29	U	330	29
67-72-1	Hexachloroethane	11	U	33	11
193-39-5	Indeno[1,2,3-cd]pyrene	13	U	33	13
78-59-1	Isophorone	97	U	130	97
91-20-3	Naphthalene	5.8	U	330	5.8
98-95-3	Nitrobenzene	19	U	33	19
621-64-7	N-Nitrosodi-n-propylamine	24	U	33	24
86-30-6	N-Nitrosodiphenylamine	28	U	330	28
87-86-5	Pentachlorophenol	69	U	270	69
85-01-8	Phenanthrene	5.9	U	330	5.9
108-95-2	Phenol	12	U	330	12

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: CC-COMP-01 | Lab Sample ID: 460-257083-1

Matrix: Solid | Lab File ID: X41312.d

Analysis Method: 8270E | Date Collected: 04/27/2022 09:30

Extract. Method: 3546 | Date Extracted: 04/28/2022 10:05

Sample wt/vol: 15.02(g) | Date Analyzed: 04/29/2022 01:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 1.3 % Solids: 98.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 841837 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
129-00-0	Pyrene	8.3	U	330	8.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	0.4	S1-	10-123
321-60-8	2-Fluorobiphenyl	75		22-122
367-12-4	2-Fluorophenol (Surr)	5	S1-	18-123
4165-60-0	Nitrobenzene-d5 (Surr)	61		16-125
4165-62-2	Phenol-d5 (Surr)	36		23-120
1718-51-0	Terphenyl-d14 (Surr)	86		25-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\X41312.d
Lims ID: 460-257083-E-1-A
Client ID: CC-COMP-01
Sample Type: Client
Inject. Date: 29-Apr-2022 01:05:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144636-011
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Apr-2022 10:10:18 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: maheseep Date: 29-Apr-2022 12:40:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.313	3.160	0.153	89	4123	2.60	a
$ 6 Phenol-d5	99	4.090	4.060	0.030	97	33696	17.9	
* 14 1,4-Dichlorobenzene-d4	152	4.431	4.419	0.012	95	45896	40.0	
$ 26 Nitrobenzene-d5	82	4.960	4.954	0.006	89	51081	30.7	
* 38 Naphthalene-d8	136	5.637	5.631	0.005	92	160167	40.0	
$ 51 2-Fluorobiphenyl	172	6.660	6.660	0.000	97	126098	37.5	
* 65 Acenaphthene-d10	164	7.295	7.301	-0.006	95	87459	40.0	
69 4-Nitrophenol	65	7.501	7.437	0.064	1	108	0.1942	
$ 80 2,4,6-Tribromophenol	330	8.054	8.048	0.006	1	153	0.2065	a
* 88 Phenanthrene-d10	188	8.701	8.707	-0.006	98	163290	40.0	
$ 96 Terphenyl-d14	244	10.224	10.225	-0.001	97	167434	43.0	
* 102 Chrysene-d12	240	11.354	11.360	-0.006	99	142247	40.0	
104 Bis(2-ethylhexyl) phthalate	149	11.389	11.389	0.000	42	7865	2.88	
* 109 Perylene-d12	264	13.289	13.289	0.000	99	164820	40.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

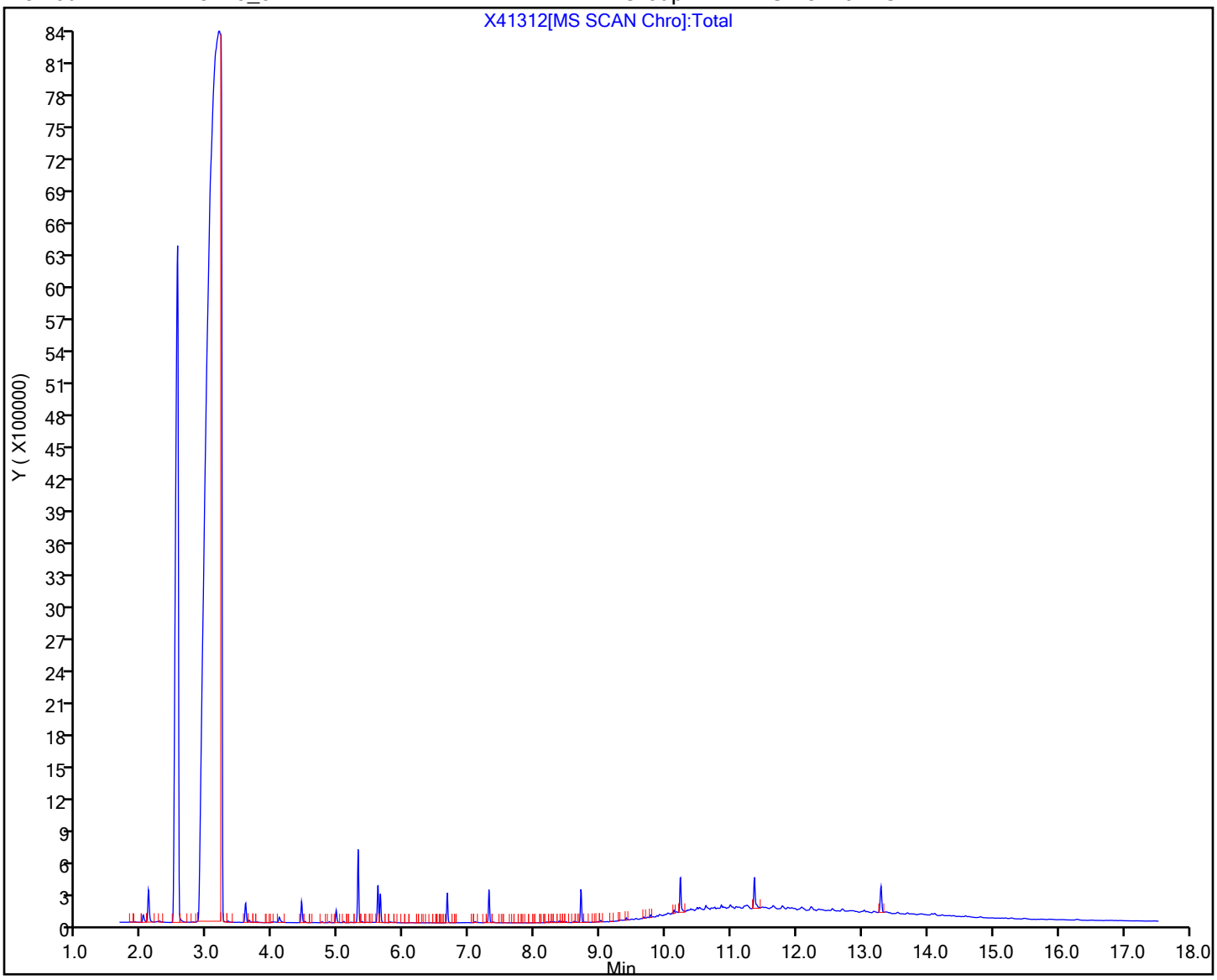
Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 29-Apr-2022 10:10:18 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

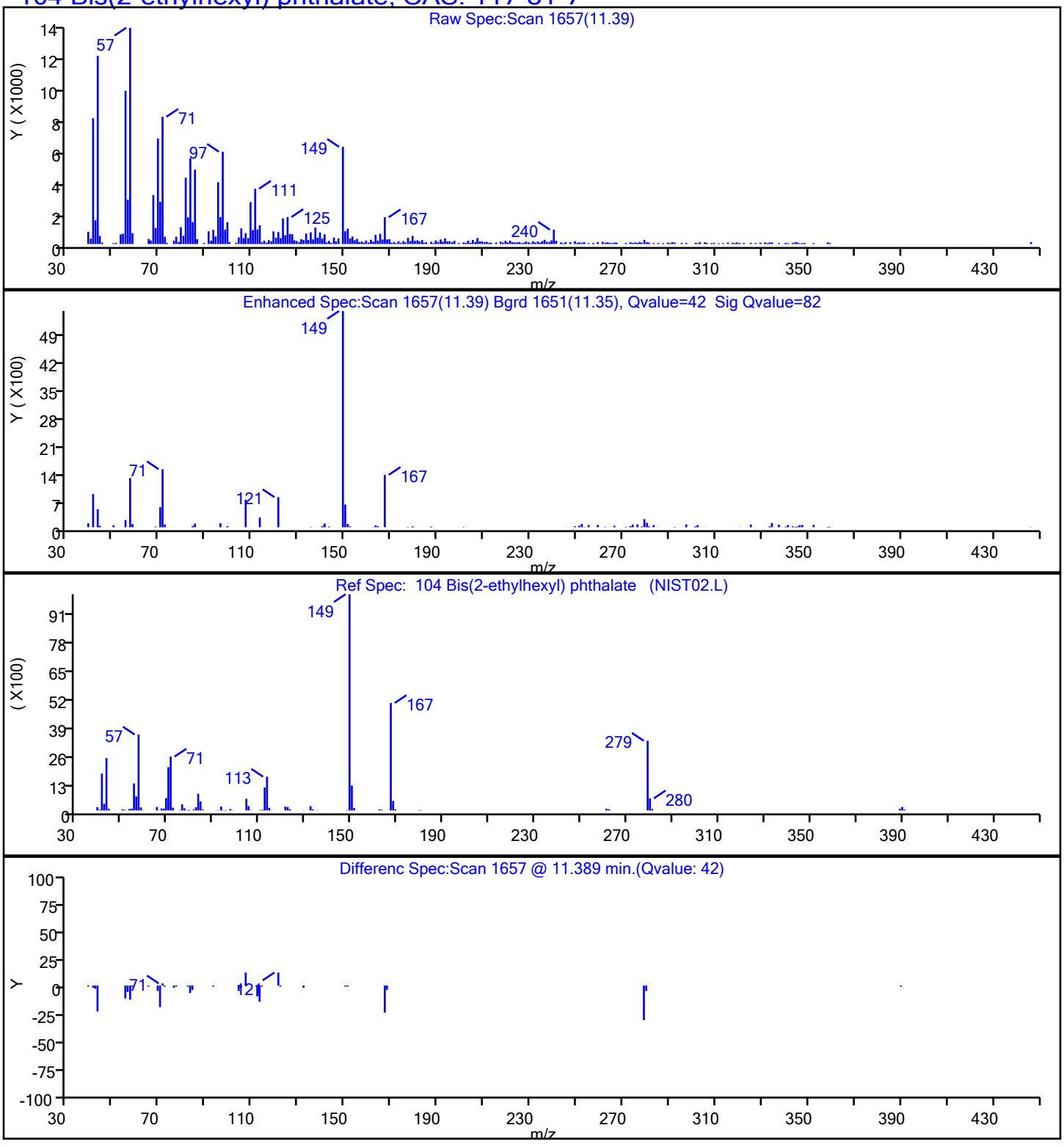
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\X41312.d				
Injection Date:	29-Apr-2022 01:05:30	Instrument ID:	CBNAMS5		
Lims ID:	460-257083-E-1-A	Lab Sample ID:	460-257083-1		
Client ID:	CC-COMP-01				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\X41312.d				
Injection Date:	29-Apr-2022 01:05:30	Instrument ID:	CBNAMS5		
Lims ID:	460-257083-E-1-A	Lab Sample ID:	460-257083-1		
Client ID:	CC-COMP-01				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

104 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7



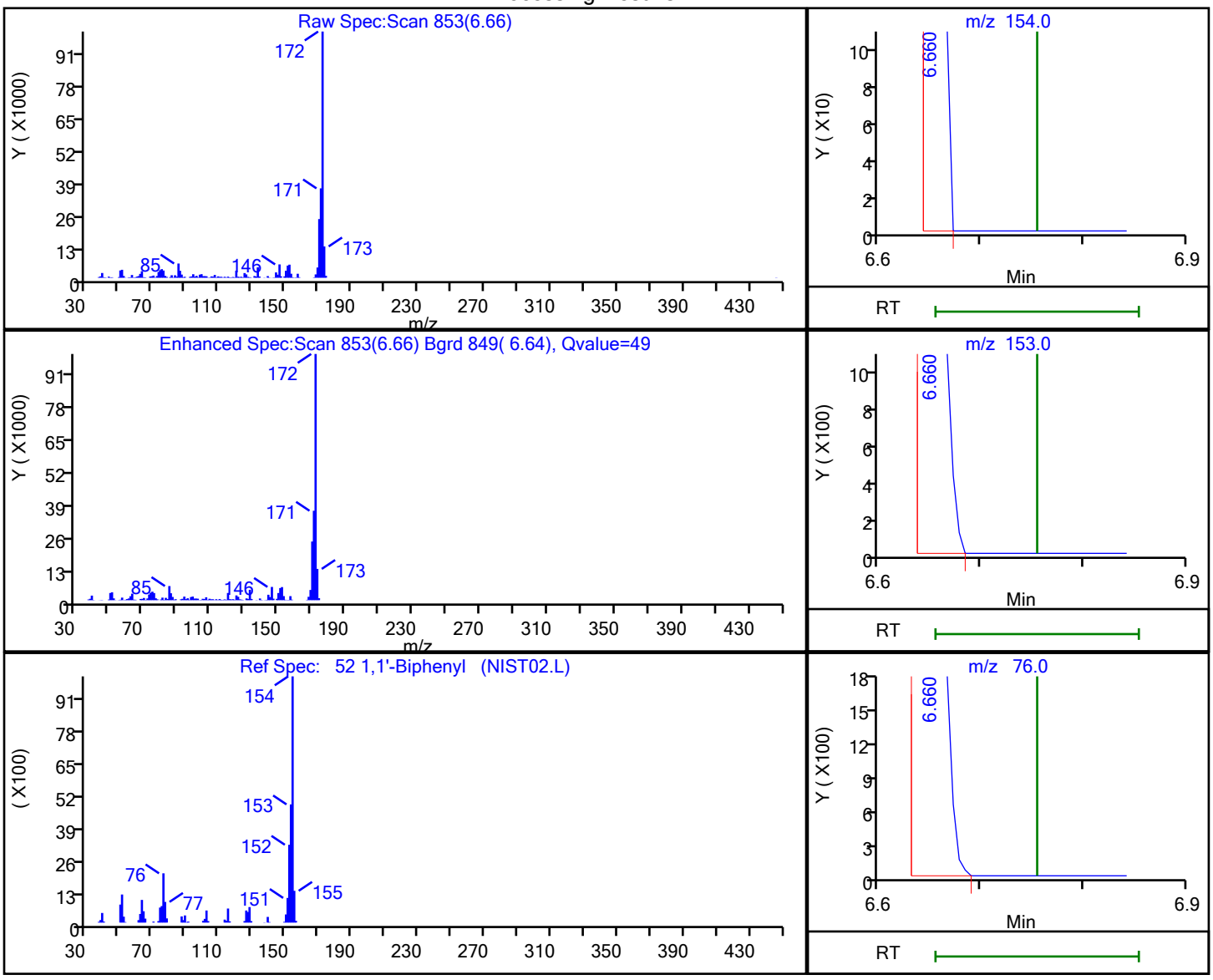
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\X41312.d				
Injection Date:	29-Apr-2022 01:05:30	Instrument ID:	CBNAMS5		
Lims ID:	460-257083-E-1-A	Lab Sample ID:	460-257083-1		
Client ID:	CC-COMP-01				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

52 1,1'-Biphenyl, CAS: 92-52-4

Processing Results



RT	Mass	Response	Amount
6.66	154.00	191	0.058202
6.66	153.00	1970	
6.66	76.00	3692	

Reviewer: johnstonm1, 29-Apr-2022 10:10:04

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

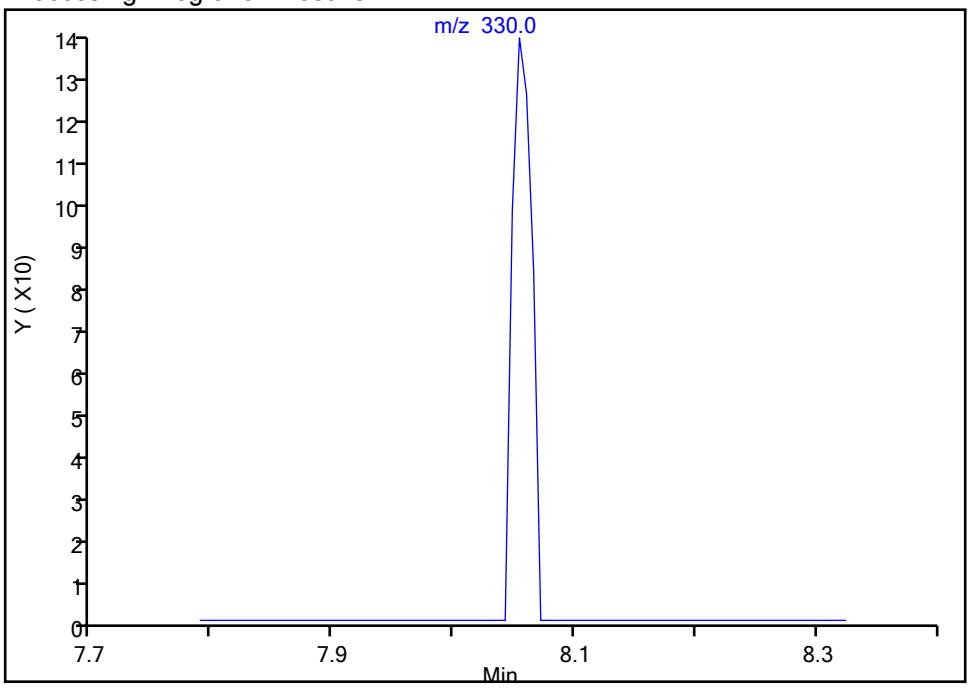
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\X41312.d				
Injection Date:	29-Apr-2022 01:05:30	Instrument ID:	CBNAMS5		
Lims ID:	460-257083-E-1-A	Lab Sample ID:	460-257083-1		
Client ID:	CC-COMP-01				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

$ 80 2,4,6-Tribromophenol, CAS: 118-79-6

Signal: 1

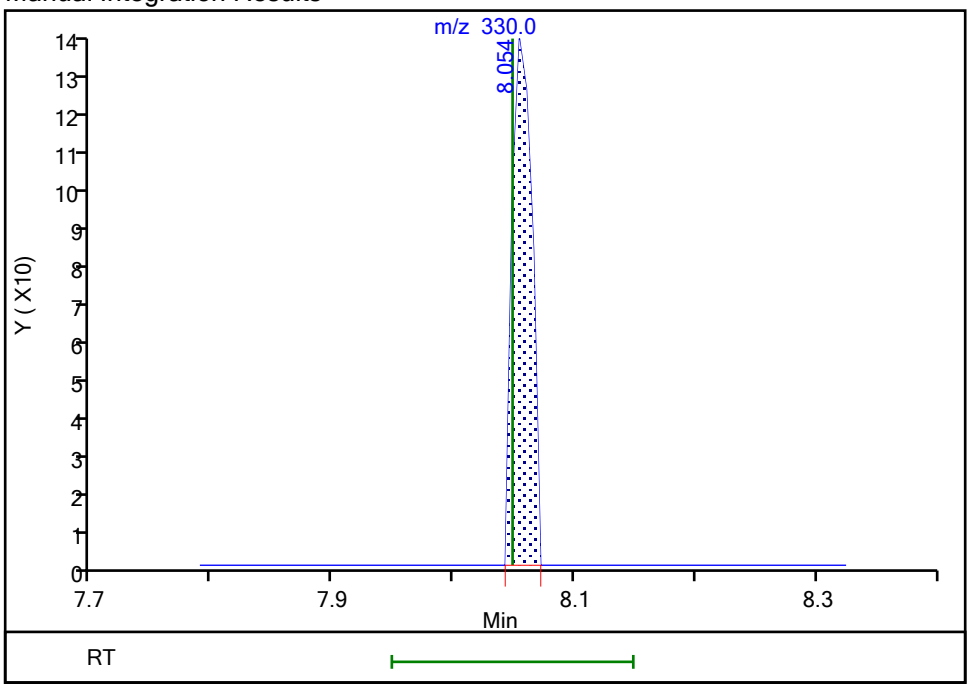
Not Detected
Expected RT: 8.05

Processing Integration Results



RT: 8.05
Area: 153
Amount: 0.206546
Amount Units: ug/ml

Manual Integration Results



Reviewer: maheseep, 29-Apr-2022 12:38:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

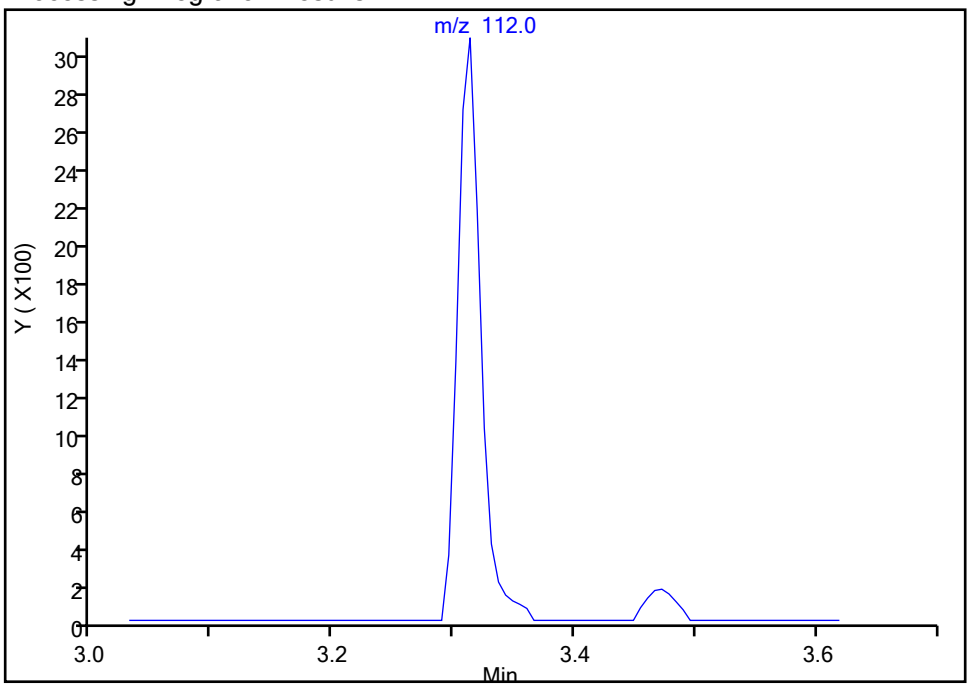
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\X41312.d				
Injection Date:	29-Apr-2022 01:05:30	Instrument ID:	CBNAMS5		
Lims ID:	460-257083-E-1-A	Lab Sample ID:	460-257083-1		
Client ID:	CC-COMP-01				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

$ 4 2-Fluorophenol, CAS: 367-12-4

Signal: 1

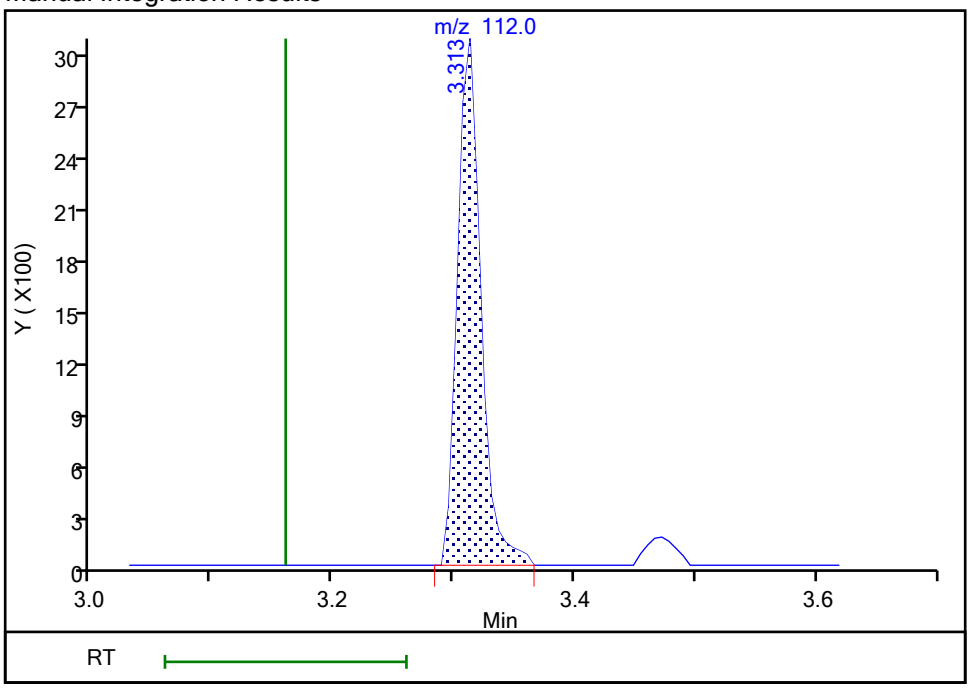
Not Detected
Expected RT: 3.16

Processing Integration Results



Manual Integration Results

RT: 3.31
Area: 4123
Amount: 2.602990
Amount Units: ug/ml



Reviewer: maheseep, 29-Apr-2022 12:38:26
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

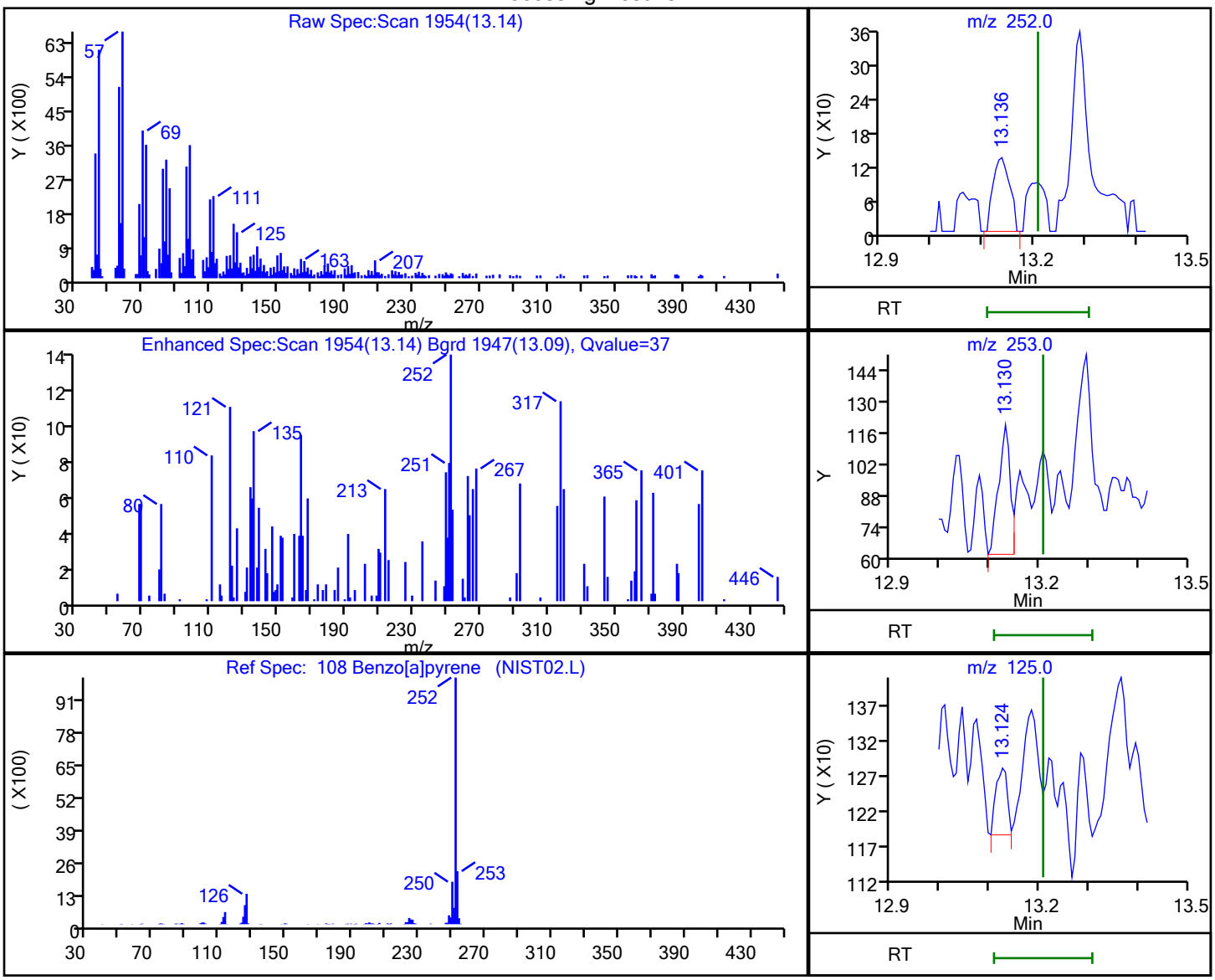
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\X41312.d				
Injection Date:	29-Apr-2022 01:05:30	Instrument ID:	CBNAMS5		
Lims ID:	460-257083-E-1-A	Lab Sample ID:	460-257083-1		
Client ID:	CC-COMP-01				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
13.14	252.00	300	0.068611
13.13	253.00	98	
13.12	125.00	150	

Reviewer: maheseep, 29-Apr-2022 12:39:02

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

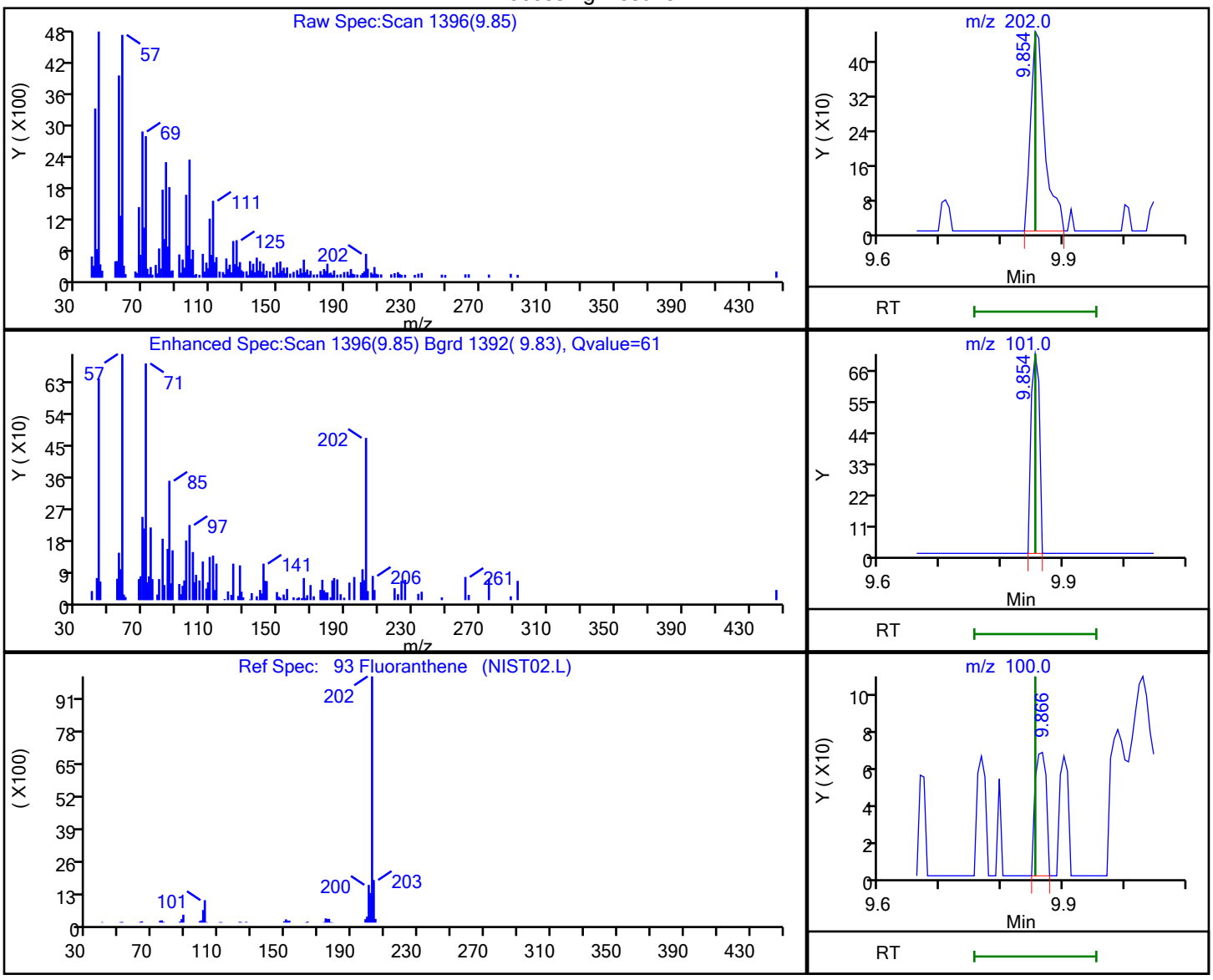
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\X41312.d				
Injection Date:	29-Apr-2022 01:05:30	Instrument ID:	CBNAMS5		
Lims ID:	460-257083-E-1-A	Lab Sample ID:	460-257083-1		
Client ID:	CC-COMP-01				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

93 Fluoranthene, CAS: 206-44-0

Processing Results



RT	Mass	Response	Amount
9.85	202.00	748	0.157647
9.85	101.00	68	
9.87	100.00	82	

Reviewer: johnstonm1, 29-Apr-2022 10:10:05

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

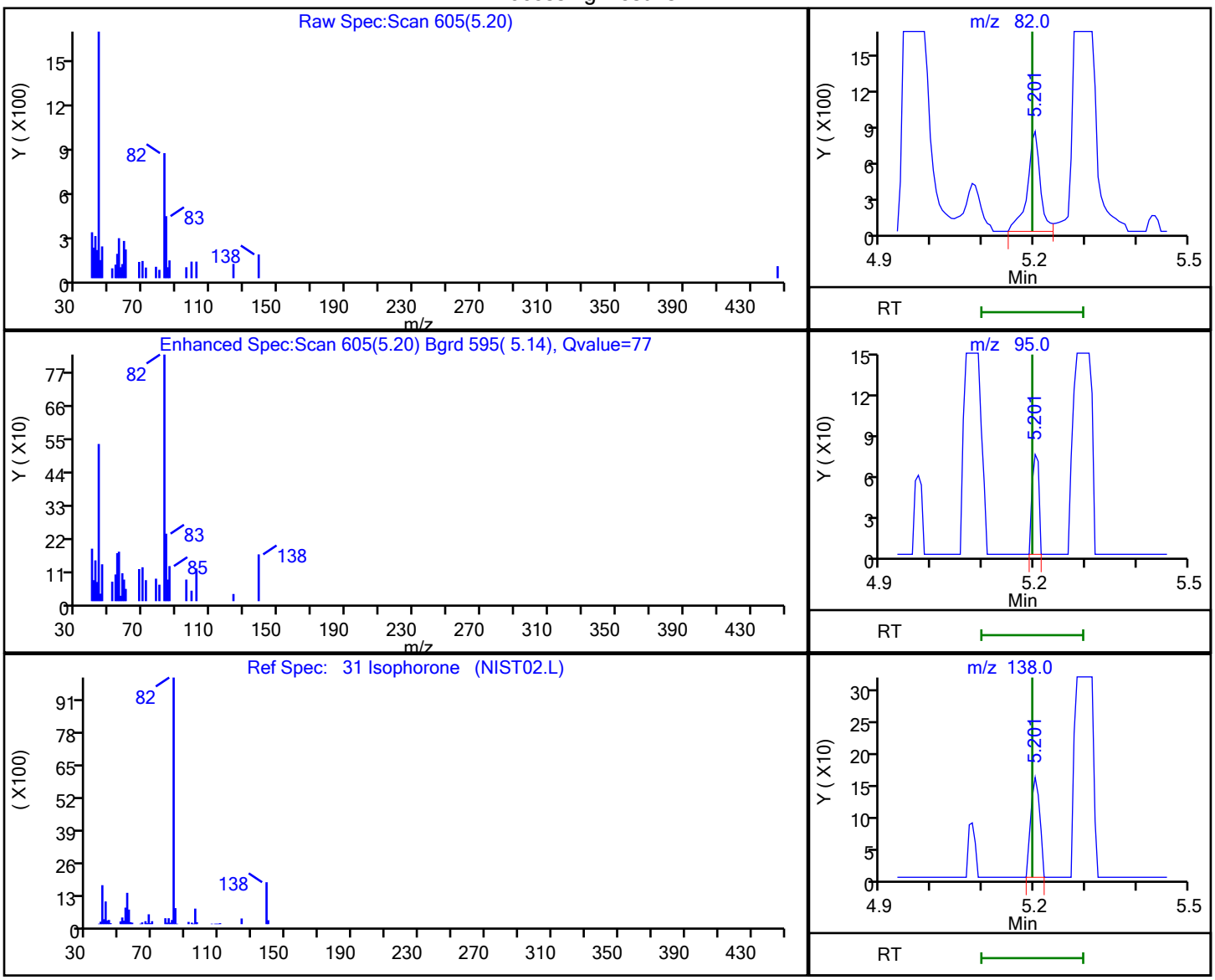
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\X41312.d				
Injection Date:	29-Apr-2022 01:05:30	Instrument ID:	CBNAMS5		
Lims ID:	460-257083-E-1-A	Lab Sample ID:	460-257083-1		
Client ID:	CC-COMP-01				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

31 Isophorone, CAS: 78-59-1

Processing Results



RT	Mass	Response	Amount
5.20	82.00	1451	0.544845
5.20	95.00	67	
5.20	138.00	192	

Reviewer: johnstonm1, 29-Apr-2022 10:10:16

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

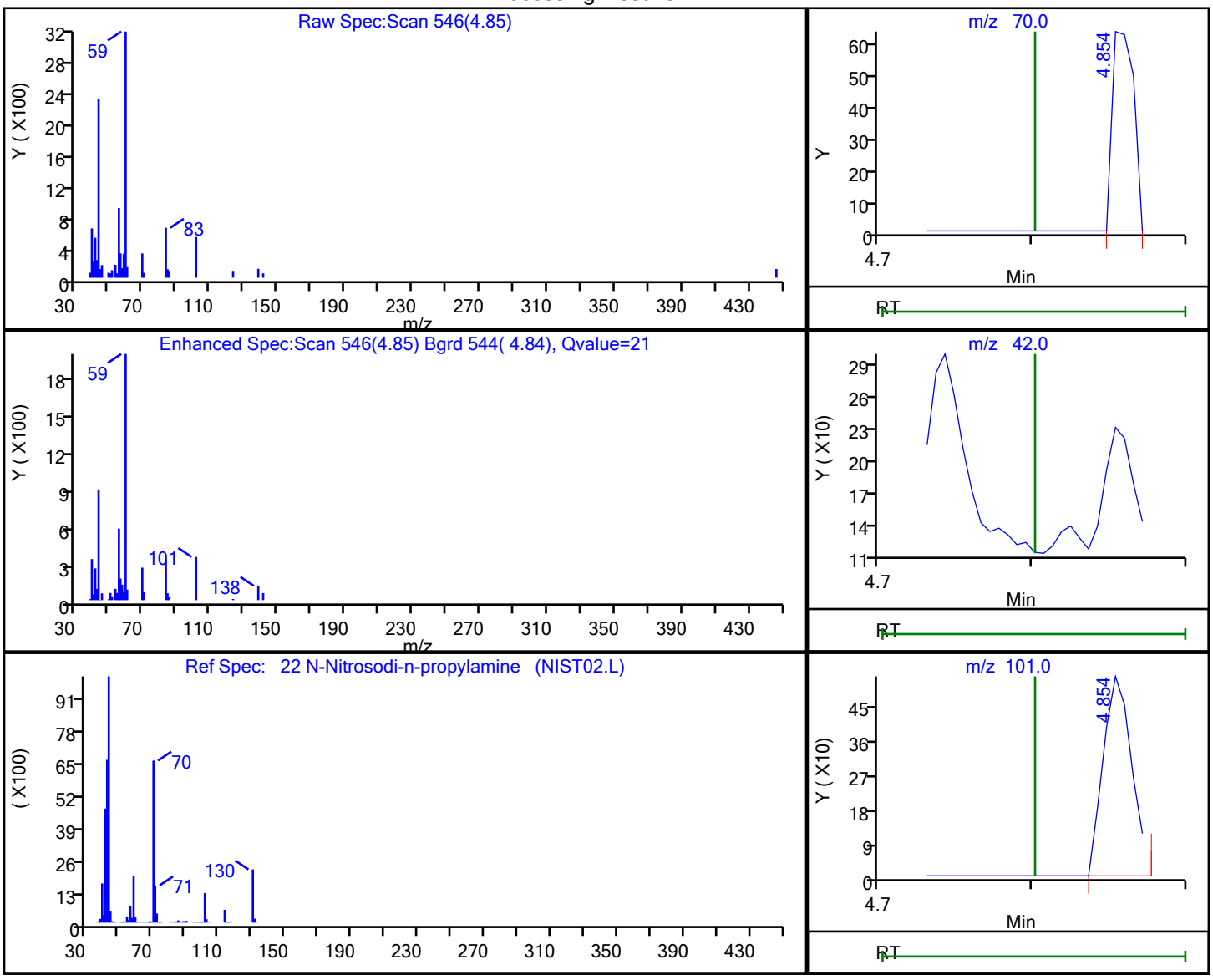
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\X41312.d				
Injection Date:	29-Apr-2022 01:05:30	Instrument ID:	CBNAMS5		
Lims ID:	460-257083-E-1-A	Lab Sample ID:	460-257083-1		
Client ID:	CC-COMP-01				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

22 N-Nitrosodi-n-propylamine, CAS: 621-64-7

Processing Results



RT	Mass	Response	Amount
4.85	70.00	62	0.054878
4.85	42.00	135	
4.85	101.00	675	

Reviewer: johnstonm1, 29-Apr-2022 10:10:15

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

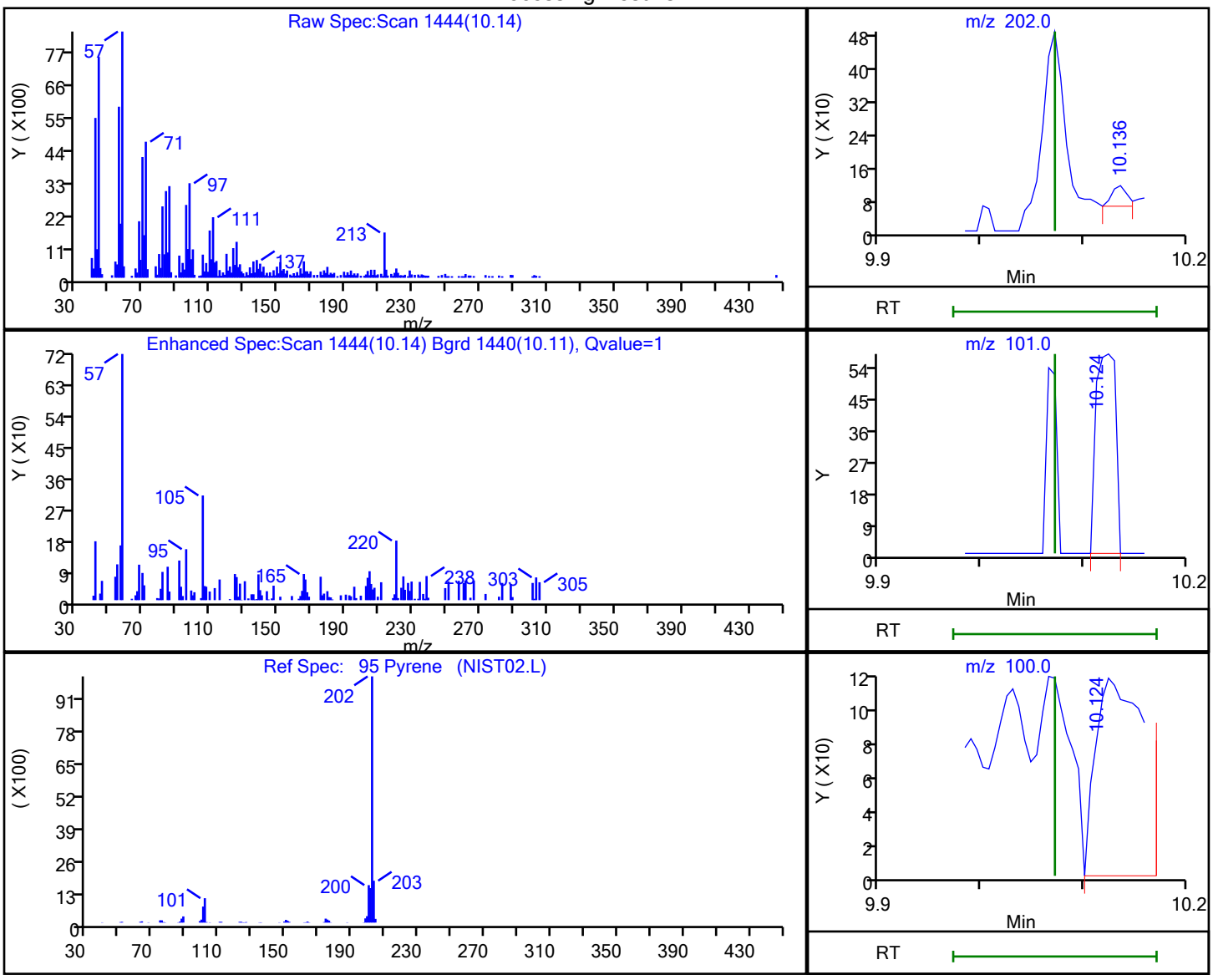
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\X41312.d				
Injection Date:	29-Apr-2022 01:05:30	Instrument ID:	CBNAMS5		
Lims ID:	460-257083-E-1-A	Lab Sample ID:	460-257083-1		
Client ID:	CC-COMP-01				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

95 Pyrene, CAS: 129-00-0

Processing Results



RT	Mass	Response	Amount
10.14	202.00	53	0.012078
10.12	101.00	78	
10.12	100.00	374	

Reviewer: johnstonm1, 29-Apr-2022 10:10:06

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: CC-COMP-01 | Lab Sample ID: 460-257083-1

Matrix: Solid (TCLP) | Lab File ID: M235888.D

Analysis Method: 8270E | Date Collected: 04/27/2022 09:30

Extract. Method: 3510C | Date Extracted: 05/01/2022 06:58

Sample wt/vol: 250(mL) | Date Analyzed: 05/01/2022 21:34

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 842277 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.00044	U	0.010	0.00044
95-95-4	2,4,5-Trichlorophenol	0.00088	U	0.010	0.00088
88-06-2	2,4,6-Trichlorophenol	0.00086	U	0.010	0.00086
121-14-2	2,4-Dinitrotoluene	0.0010	U	0.0020	0.0010
95-48-7	2-Methylphenol	0.00067	U	0.010	0.00067
15831-10-4	3 & 4 Methylphenol	0.00064	U	0.010	0.00064
118-74-1	Hexachlorobenzene	0.00040	U	0.0010	0.00040
87-68-3	Hexachlorobutadiene	0.00078	U	0.0020	0.00078
67-72-1	Hexachloroethane	0.00080	U	0.0020	0.00080
98-95-3	Nitrobenzene	0.00057	U	0.0010	0.00057
87-86-5	Pentachlorophenol	0.0014	U	0.030	0.0014
110-86-1	Pyridine	0.0019	U	0.010	0.0019

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	135		37-150
321-60-8	2-Fluorobiphenyl	108		46-139
367-12-4	2-Fluorophenol (Surr)	57		19-80
4165-60-0	Nitrobenzene-d5 (Surr)	111		52-137
4165-62-2	Phenol-d5 (Surr)	36		10-56
1718-51-0	Terphenyl-d14 (Surr)	86		22-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220501-144732.b\M235888.D
Lims ID: 460-257083-E-1-G
Client ID: CC-COMP-01
Sample Type: Client
Inject. Date: 01-May-2022 21:34:30 ALS Bottle#: 30 Worklist Smp#: 30
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144732-030
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20220501-144732.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 02-May-2022 11:22:38 Calib Date: 10-Mar-2022 13:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234663.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: khlungprakhons Date: 02-May-2022 14:16:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.967	2.957	0.010	94	109286	5.68	
$ 6 Phenol-d5	99	3.858	3.869	0.001	0	85800	3.64	
* 14 1,4-Dichlorobenzene-d4	152	4.190	4.190	0.000	96	114877	8.00	
$ 27 Nitrobenzene-d5	82	4.723	4.726	-0.003	92	210572	11.1	
* 38 Naphthalene-d8	136	5.419	5.419	0.000	99	419583	8.00	
$ 51 2-Fluorobiphenyl	172	6.460	6.464	-0.004	97	429414	10.8	
* 64 Acenaphthene-d10	164	7.099	7.103	-0.004	95	224569	8.00	
$ 80 2,4,6-Tribromophenol	330	7.849	7.854	-0.005	93	68739	13.5	
* 87 Phenanthrene-d10	188	8.501	8.506	-0.005	99	385503	8.00	
$ 96 Terphenyl-d14	244	10.015	10.020	-0.005	97	328507	8.62	
* 102 Chrysene-d12	240	11.117	11.123	-0.006	99	303885	8.00	
* 109 Perylene-d12	264	13.028	13.035	-0.007	99	323903	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00193 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-May-2022 11:22:39 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220501-144732.b\M235888.D

Injection Date: 01-May-2022 21:34:30 Instrument ID: CBNAMS17

Lims ID: 460-257083-E-1-G Lab Sample ID: 460-257083-1

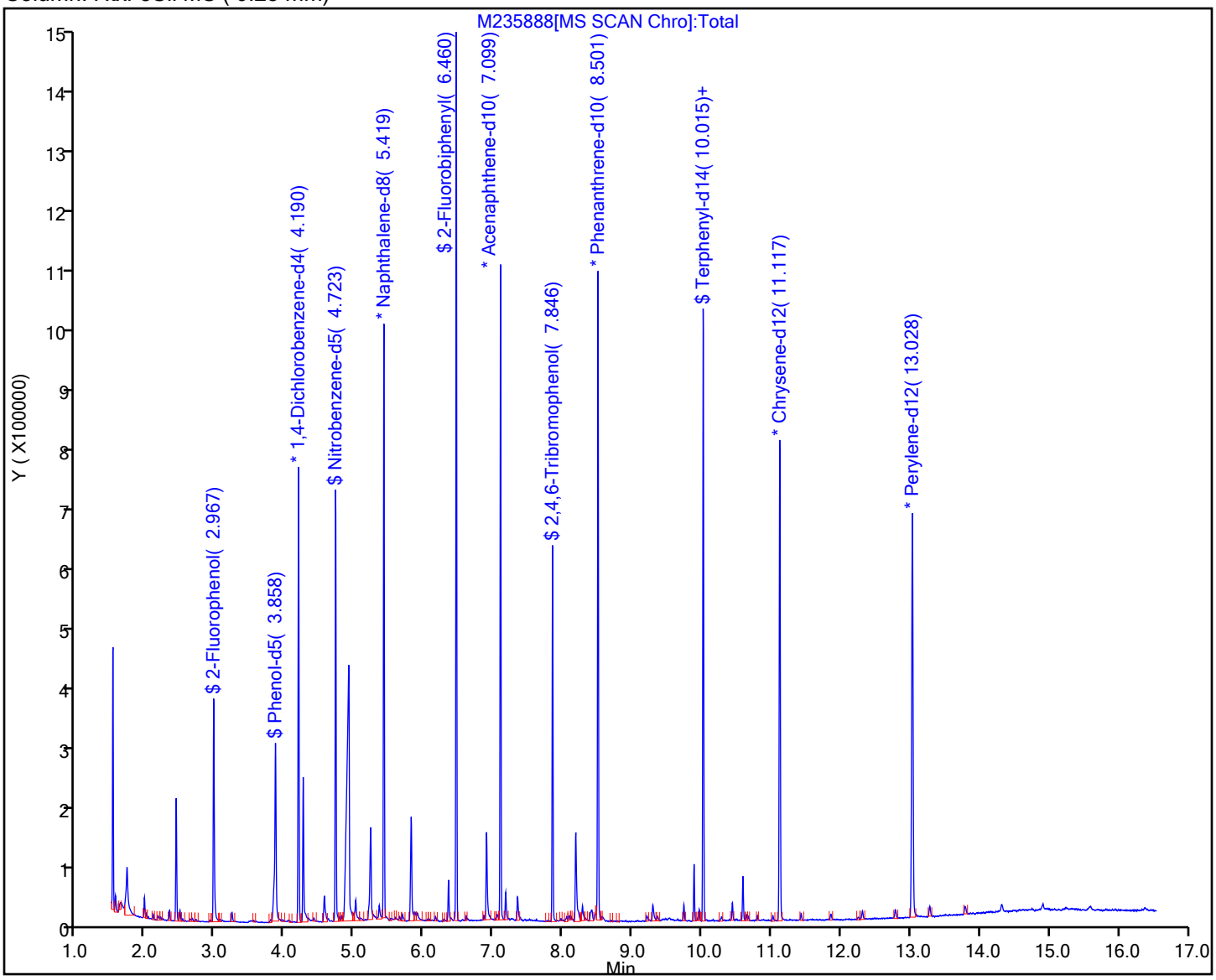
Client ID: CC-COMP-01

Operator ID: ALS Bottle#: 30 Worklist Smp#: 30

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



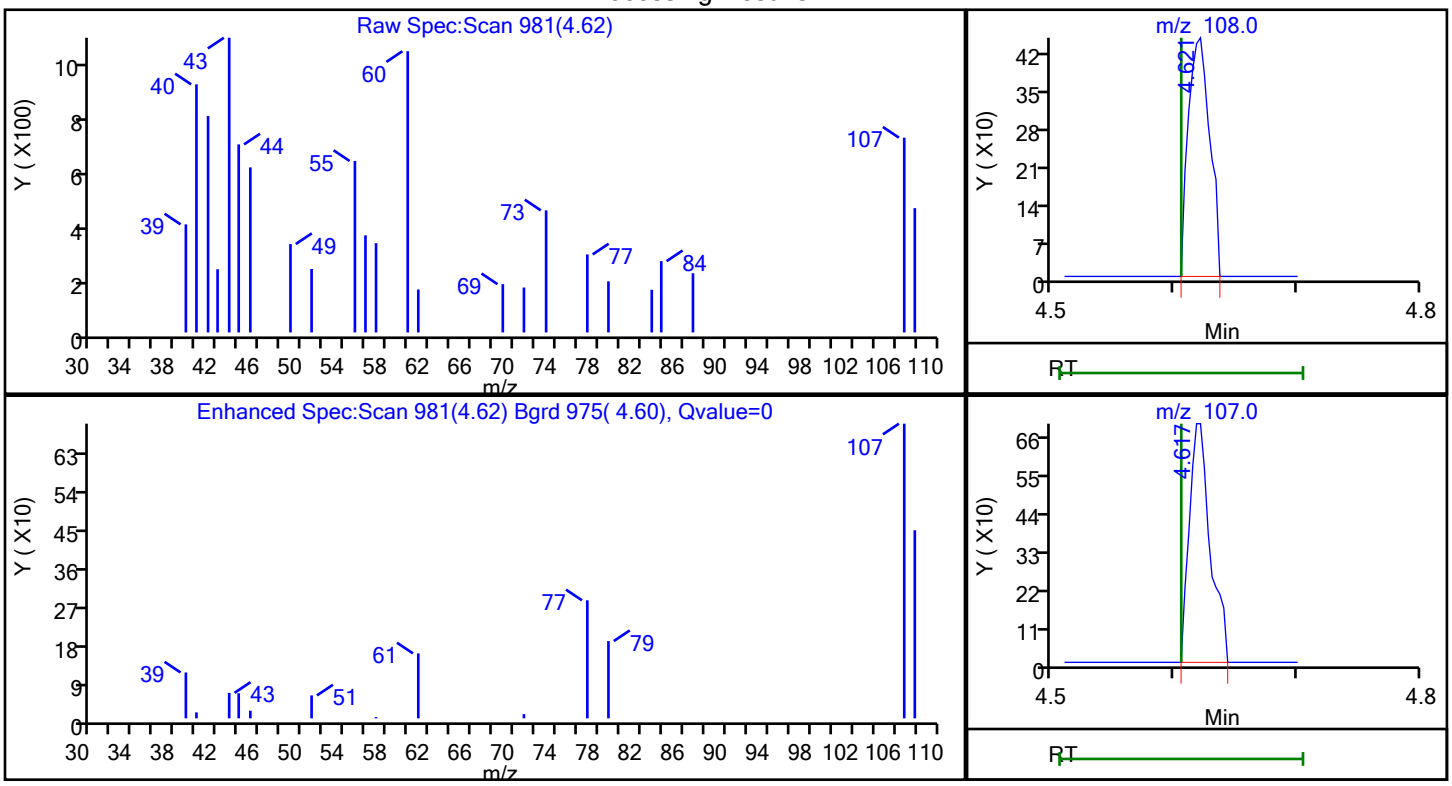
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20220501-144732.b\M235888.D				
Injection Date:	01-May-2022 21:34:30	Instrument ID:	CBNAMS17		
Lims ID:	460-257083-E-1-G	Lab Sample ID:	460-257083-1		
Client ID:	CC-COMP-01				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

23 3 & 4 Methylphenol, CAS: 15831-10-4

Processing Results



RT	Mass	Response	Amount
4.62	108.00	538	0.028418
4.62	107.00	826	

Reviewer: johnstonm1, 02-May-2022 11:22:35

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

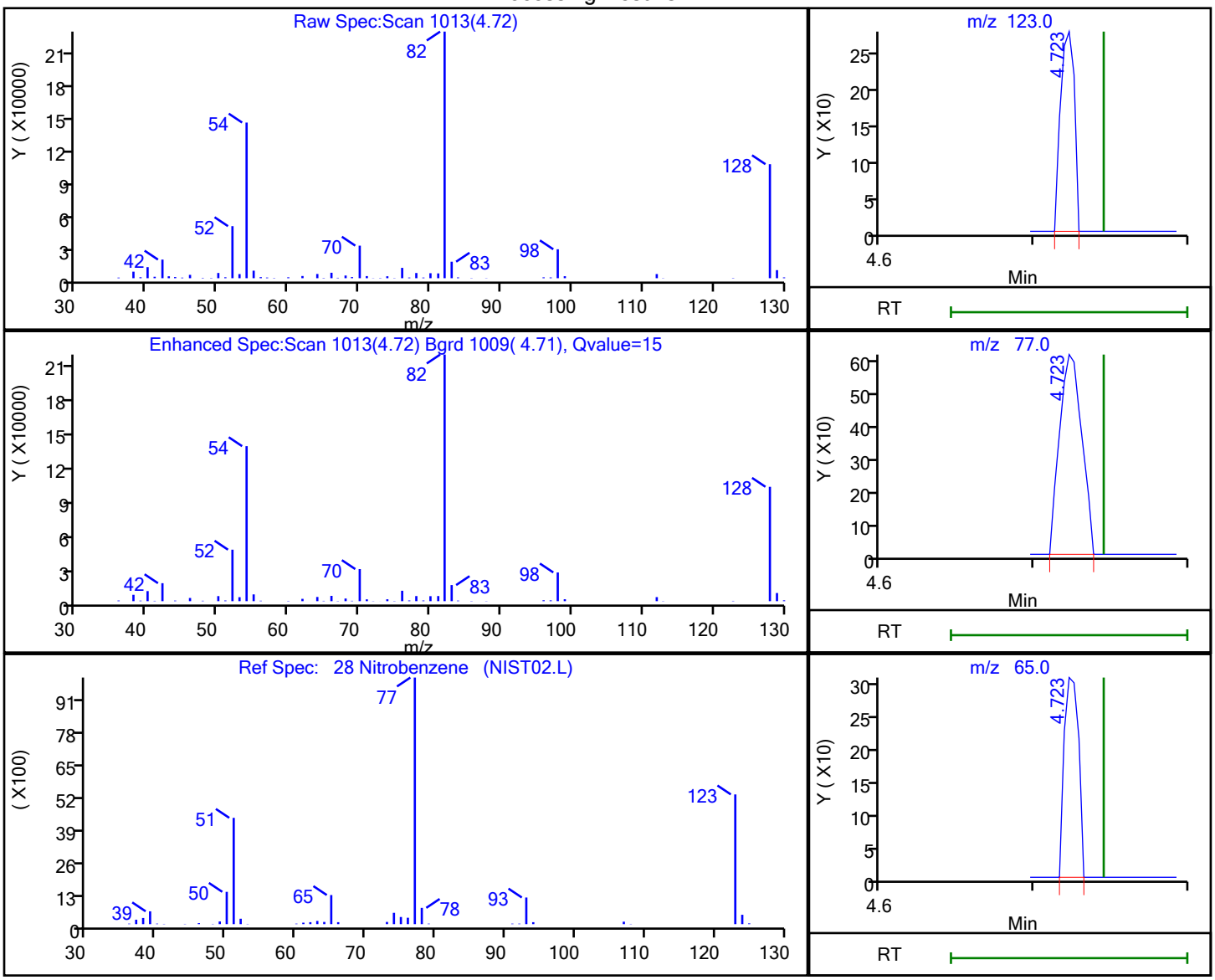
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20220501-144732.b\M235888.D				
Injection Date:	01-May-2022 21:34:30	Instrument ID:	CBNAMS17		
Lims ID:	460-257083-E-1-G	Lab Sample ID:	460-257083-1		
Client ID:	CC-COMP-01				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

28 Nitrobenzene, CAS: 98-95-3

Processing Results



RT	Mass	Response	Amount
4.72	123.00	175	0.021604
4.72	77.00	620	
4.72	65.00	197	

Reviewer: khlungprakhons, 02-May-2022 14:15:56

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 832222

SDG No.:

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2022 09:18 Calibration End Date: 03/08/2022 12:06 Calibration ID: 89527

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-832222/10	A186575.D
Level 2	STD02 460-832222/9	A186574.D
Level 3	STD04 460-832222/8	A186573.D
Level 4	STD1 460-832222/7	A186572.D
Level 5	STD2 460-832222/6	A186571.D
Level 6	STD4 460-832222/5	A186570.D
Level 7	ICIS 460-832222/2	A186567.D
Level 8	STD16 460-832222/4	A186569.D
Level 9	STD24 460-832222/3	A186568.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.5286	0.5530	0.5061	0.5616 0.5136	0.5509	Ave		0.5356			0.0100	4.3		20.0			
N-Nitrosodimethylamine	0.8231	0.8634	0.8145	0.8440 0.7939	0.8284	Ave		0.8279			0.0100	2.9		20.0			
Pyridine	1.1823 1.2620	1.1594 1.2803	1.2540	1.2596 1.2794	1.3162	Ave		1.2492			0.0100	4.2		20.0			
Benzaldehyde	1.2703	1.3634 +++++	1.2738 +++++	1.2126 +++++	1.1797	Ave		1.2600			0.0100	5.6		20.0			
Phenol	1.7011	1.8012	1.7478	1.7338 1.8198	1.7699	Ave		1.7623			0.8000	2.5		20.0			
Aniline	2.2012	2.2103	2.1411	2.2191 2.1049	2.1950	Ave		2.1786			0.0100	2.1		20.0			
Bis(2-chloroethyl)ether	1.4414 1.3342	1.3127 1.3462	1.3215	1.4016 1.2976	1.3991	Ave		1.3568			0.7000	3.8		20.0			
2-Chlorophenol	1.3977	1.3713	1.3732	1.3761 1.3572	1.4312	Ave		1.3845			0.8000	1.9		20.0			
n-Decane	1.9134	1.8273	1.8094	2.0243 1.7952	1.9441	Ave		1.8856			0.0100	4.8		20.0			
1,3-Dichlorobenzene	1.5058	1.5512	1.5295	1.6577 1.5121	1.5818	Ave		1.5563			0.0100	3.7		20.0			
1,4-Dichlorobenzene	1.5115	1.5808	1.5653	1.5815 1.5572	1.5668	Ave		1.5605			0.0100	1.7		20.0			
Benzyl alcohol	0.8750	0.8727	0.8486	0.8776 0.8606	0.8286	Ave		0.8605			0.0100	2.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 832222

SDG No.:

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2022 09:18 Calibration End Date: 03/08/2022 12:06 Calibration ID: 89527

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	1.4662	1.4795	1.4631	1.4363 1.4443	1.4991	Ave		1.4647			0.0100	1.6		20.0			
2-Methylphenol	1.2313	1.2209	1.1921	1.1444 1.1759	1.2364	Ave		1.2001			0.7000	3.0		20.0			
2,2'-oxybis[1-chloropropane]	2.1781	2.1060	2.0780	2.2638 2.0133	2.2448	Ave		2.1473			0.0100	4.6		20.0			
N-Methylaniline	2.2605 2.2755	2.1701 2.1535	2.3076	2.1114 2.3326	2.2004	Ave		2.2264			0.0100	3.6		20.0			
3 & 4 Methylphenol	1.3910	1.4156	1.4087	1.3662 1.3884	1.3539	Ave		1.3873			0.0100	1.7		20.0			
4-Methylphenol	1.3895	1.4118	1.4051	1.3662 1.3880	1.3539	Ave		1.3857			0.6000	1.6		20.0			
Acetophenone	1.9769	2.0566	1.9668	1.9271 2.0012	1.9996	Ave		1.9880			0.0100	2.2		20.0			
N-Nitrosodi-n-propylamine	1.0497 1.0881	0.8755 1.0784	1.0685	1.0604 1.0622	1.1098	Ave		1.0491			0.5000	6.9		20.0			
Hexachloroethane	0.5777 0.5798	0.6201 0.6021	0.6008	0.5643 0.5919	0.5813	Ave		0.5898			0.3000	3.0		20.0			
Nitrobenzene	0.6626 0.6867	0.6383 0.7019	0.6578	0.6967 0.6658	0.6825	Ave		0.6740			0.2000	3.2		20.0			
n,n'-Dimethylaniline	2.3115 2.1608	2.3559 2.2432	2.1984	2.1576 2.2939	2.0853	Ave		2.2258			0.0100	4.1		20.0			
Isophorone	0.6730	0.6612 0.7071	0.6908	0.7280 0.7074	0.7266	Ave		0.6992			0.4000	3.7		20.0			
2-Nitrophenol	0.1826	0.1867	0.1887	0.1788 0.1920	0.1828	Ave		0.1853			0.1000	2.6		20.0			
2,4-Dimethylphenol	0.3038	0.3119	0.3098	0.3113 0.3022	0.3163	Ave		0.3092			0.2000	1.7		20.0			
Benzoic acid	0.1421	0.1708	0.1752	0.0778 0.1893	0.1005	Lin2	-0.114	0.1799			0.0100				0.9910		0.9900
Bis(2-chloroethoxy)methane	0.4066	0.4188	0.4093	0.4159 0.4157	0.4134	Ave		0.4133			0.3000	1.1		20.0			
2,4-Dichlorophenol	0.2891	0.2953	0.2929	0.3088 0.2971	0.2987	Ave		0.2970			0.2000	2.3		20.0			
1,2,4-Trichlorobenzene	0.3065 0.3182	0.2745 0.3371	0.3217	0.3284 0.3195	0.3127	Ave		0.3148			0.0100	6.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 832222

SDG No.:

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2022 09:18 Calibration End Date: 03/08/2022 12:06 Calibration ID: 89527

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Naphthalene	1.0311 1.0229	1.0882 1.0701	1.0469	1.0432 1.0607	1.0759	Ave		1.0549			0.7000	2.2		20.0			
4-Chloroaniline	0.3352 0.4107	0.4015 0.4268	0.4075	0.4336 0.4235	0.4392	Ave		0.4098			0.0100	8.0		20.0			
2,6-Dichlorophenol	0.2787	0.2924	0.2902	0.2937 0.2930	0.2972	Ave		0.2909				2.2		20.0			
Hexachlorobutadiene	0.1994 0.1988	0.1986 0.2077	0.2063	0.1936 0.2114	0.2007	Ave		0.2020			0.0100	2.9		20.0			
Caprolactam	0.0778	0.0987 0.0868	0.0588 0.0846	0.0737 0.0830	0.0728	Ave		0.0795			0.0100	14.8		20.0			
4-Chloro-3-methylphenol	0.2898	0.3013	0.2899	0.3097 0.2955	0.3047	Ave		0.2985			0.2000	2.7		20.0			
2-Methylnaphthalene	0.6798	0.7148 0.7111	0.6906	0.7300 0.7072	0.7140	Ave		0.7068			0.4000	2.4		20.0			
1-Methylnaphthalene	0.6193	0.5894 0.6524	0.6342	0.6742 0.6397	0.6527	Ave		0.6374			0.0100	4.3		20.0			
Hexachlorocyclopentadiene	0.4254	0.4935	0.4873	0.4152 0.4885	0.4347	Ave		0.4574			0.0500	7.9		20.0			
1,2,4,5-Tetrachlorobenzene	0.5593	0.6186	0.6036	0.5604 0.6025	0.5943	Ave		0.5898			0.0100	4.2		20.0			
2-tertbutyl-4-methylphenol	0.4435	0.4240 0.4659	0.4601	0.4247 0.4755	0.4354	Ave		0.4470			0.0100	4.6		20.0			
2,4,6-Trichlorophenol	0.3698	0.3575 0.3973	0.4114	0.3617 0.3912	0.3671	Ave		0.3794			0.2000	5.4		20.0			
2,4,5-Trichlorophenol	0.3892	0.4546	0.3996	0.3906 0.3991	0.4232	Ave		0.4094			0.2000	6.2		20.0			
1,1'-Biphenyl	1.4765	1.6437	1.5523	1.4678 1.5710	1.5626	Ave		1.5456			0.0100	4.2		20.0			
2-Chloronaphthalene	1.1034	1.2158	1.1391	1.0785 1.1638	1.1513	Ave		1.1420			0.8000	4.2		20.0			
Phenyl ether	0.8126	0.8619	0.8481	0.8149 0.8784	0.7904	Ave		0.8344			0.0100	4.0		20.0			
2-Nitroaniline	0.4618	0.4994	0.4562	0.4617 0.4619	0.4718	Ave		0.4688			0.0100	3.4		20.0			
1,3-Dimethylnaphthalene	0.9379	1.0419	0.9705	0.8711 1.0000	0.8705	Ave		0.9487			0.0100	7.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 832222

SDG No.:

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2022 09:18 Calibration End Date: 03/08/2022 12:06 Calibration ID: 89527

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dimethyl phthalate	1.2160	1.3512	1.2100	1.2258 1.2620	1.3101	Ave		1.2625			0.0100	4.5		20.0			
Coumarin	0.2211	0.2225	0.2067	0.2092 0.2164	0.2140	Ave		0.2150			0.0100	2.9		20.0			
2,6-Dinitrotoluene	0.2830	0.2455 0.2978	0.2781	0.2715 0.2811	0.3017	Ave		0.2798			0.2000	6.6		20.0			
Acenaphthylene	1.7725	1.7952	1.8199	1.7317 1.8324	1.8131	Ave		1.7941			0.9000	2.1		20.0			
3-Nitroaniline	0.2805	0.3087	0.2718	0.2421 0.2848	0.2946	Ave		0.2804			0.0100	8.1		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.0732	1.2154	1.2259	1.0266 1.2854	1.0761	Ave		1.1505			0.0100	9.1		20.0			
Acenaphthene	1.2011	1.3632	1.2762	1.2274 1.3265	1.2925	Ave		1.2811			0.9000	4.7		20.0			
2,4-Dinitrophenol	0.1591	0.1942	0.1840	0.1283 0.1884	0.1513	Ave		0.1676			0.0100	15.3		20.0			
4-Nitrophenol	0.2361	0.2560	0.2556	0.2240 0.2580	0.2354	Ave		0.2442			0.0100	5.8		20.0			
2,4-Dinitrotoluene	0.3583	0.3494 0.3978	0.3574	0.3831 0.3666	0.3732	Ave		0.3694			0.2000	4.5		20.0			
Dibenzofuran	1.5396	1.6919	1.5713	1.6092 1.6150	1.6422	Ave		1.6115			0.8000	3.3		20.0			
2,3,4,6-Tetrachlorophenol	0.2866	0.3428	0.3046	0.3013 0.3164	0.3095	Ave		0.3102			0.0100	6.1		20.0			
Diethyl phthalate	1.1794	1.2868	1.1593	1.2438 1.2092	1.2872	Ave		1.2276			0.0100	4.4		20.0			
Fluorene	1.2122	1.3488	1.2574	1.2570 1.2778	1.3268	Ave		1.2800			0.9000	3.9		20.0			
4-Chlorophenyl phenyl ether	0.5818	0.6722	0.6141	0.6454 0.6279	0.6227	Ave		0.6274			0.4000	4.8		20.0			
4-Nitroaniline	0.2632	0.2975	0.2709	0.2445 0.2812	0.2904	Ave		0.2746			0.0100	7.0		20.0			
4,6-Dinitro-2-methylphenol	0.1270	0.1373	0.1410	0.1202 0.1375	0.1209	Ave		0.1307			0.0100	7.0		20.0			
N-Nitrosodiphenylamine	0.5407	0.5739	0.5615	0.5232 0.5480	0.5430	Ave		0.5484			0.0100	3.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 832222

SDG No.:

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2022 09:18 Calibration End Date: 03/08/2022 12:06 Calibration ID: 89527

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Diphenylhydrazine	0.8171	0.8588	0.8678	0.7833 0.8226	0.8332	Ave		0.8305			0.0100	3.7		20.0			
4-Bromophenyl phenyl ether	0.1982	0.2172	0.2157	0.1855 0.2034	0.2031	Ave		0.2038			0.1000	5.8		20.0			
Hexachlorobenzene	0.2398 0.2157	0.2264 0.2409	0.2315	0.2261 0.2280	0.2382	Ave		0.2308			0.1000	3.7		20.0			
Atrazine	0.2035	0.1757 0.2180	0.1738 0.2284	0.1892 0.2103	0.1815	Ave		0.1976			0.0100	10.4		20.0			
Pentachlorophenol	0.1282	0.1475	0.1479	0.1183 0.1489	0.1226	Ave		0.1356			0.0500	10.4		20.0			
Pentachloronitrobenzene	0.1058	0.1158	0.1121	0.0916 0.1130	0.0997	Ave		0.1063			0.0100	8.7		20.0			
n-Octadecane	0.5814	0.6096	0.6385	0.5314 0.5933	0.5776	Ave		0.5886			0.0100	6.1		20.0			
Phenanthrene	1.0664	1.1446	1.0950	1.0776 1.0934	1.1215	Ave		1.0997			0.7000	2.6		20.0			
Anthracene	1.0912	1.1479	1.1364	1.0736 1.1243	1.0838	Ave		1.1095			0.7000	2.8		20.0			
Carbazole	0.9264	0.9583	0.9875	0.9140 0.9298	0.9245	Ave		0.9401			0.0100	2.9		20.0			
Di-n-butyl phthalate	1.0454	1.1238	1.1539	1.0183 1.1348	1.0324	Ave		1.0848			0.0100	5.5		20.0			
Fluoranthene	1.0464	1.1333	1.1460	1.0045 1.1104	1.0152	Ave		1.0759			0.6000	5.7		20.0			
Benzidine	0.5491	0.5588	0.6687	0.4855 0.6423	0.4804	Ave		0.5641			0.0100	13.8		20.0			
Pyrene	1.4618	1.4580 1.5973	1.5184	1.5916 1.5023	1.5320	Ave		1.5231			0.6000	3.7		20.0			
Bisphenol-A	0.5678	0.6708	0.6548	0.5505 0.6552	0.5601	Ave		0.6099				9.1		20.0			
Butyl benzyl phthalate	0.5472	0.6152	0.6143	0.5245 0.5978	0.5481	Ave		0.5745			0.0100	6.8		20.0			
2,3,7,8-TCDD		0.1604				Ave		0.1604			0.0100			20.0			
Carbamazepine	0.4298	0.5094	0.5525	0.3384 0.5515	0.3684	Lin2	-0.227	0.5323			0.0100				0.9910		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 832222

SDG No.:

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2022 09:18 Calibration End Date: 03/08/2022 12:06 Calibration ID: 89527

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
3,3'-Dichlorobenzidine	0.4321	0.3376 0.4979	0.4704	0.3849 0.4698	0.3786	Ave		0.4245			0.0100	13.9		20.0			
Benzo[a]anthracene	1.5714 1.2128	1.2793 1.2831	1.2617	1.1958 1.2687	1.2557	Ave		1.2910			0.8000	9.1		20.0			
Chrysene	1.1202	1.2912 1.3196	1.2468	1.2593 1.2016	1.1630	Ave		1.2288			0.7000	5.8		20.0			
Bis(2-ethylhexyl) phthalate	0.7704	0.6221 0.8467	0.8517	0.7106 0.8353	0.7461	Ave		0.7690			0.0100	11.0		20.0			
Di-n-octyl phthalate	1.3896	1.5262	1.5885	1.4108 1.5756	1.3986	Ave		1.4815			0.0100	6.2		20.0			
Benzo[b]fluoranthene	1.0396 1.2124	1.1643 1.3270	1.2938	1.2370 1.3235	1.2659	Ave		1.2329			0.7000	7.8		20.0			
Benzo[k]fluoranthene	1.1304 1.2726	1.2407 1.3353	1.3042	1.2241 1.2832	1.2457	Ave		1.2545			0.7000	4.9		20.0			
Benzo[a]pyrene	0.8026 1.1667	1.0693 1.2397	1.2044	1.1687 1.1972	1.1534	Ave		1.1252			0.7000	12.4		20.0			
Indeno[1,2,3-cd]pyrene	0.8721 0.9943	0.9389 1.0914	1.0469	0.9081 1.0771	0.9697	Ave		0.9873			0.5000	8.1		20.0			
Dibenz(a,h)anthracene	0.9684 1.0004	0.9856 1.0903	1.0940	1.0243 1.0955	1.0163	Ave		1.0343			0.4000	5.0		20.0			
Benzo[g,h,i]perylene	1.0413	1.1336	1.0947	1.0311 1.1112	1.0304	Ave		1.0737			0.5000	4.2		20.0			
2-Fluorophenol (Surr)	1.3618	1.4560 1.3483	1.3175	1.2617 1.3345	1.1810	Ave		1.3230			0.0100	6.5		20.0			
Phenol-d5 (Surr)	1.7126 1.7369	2.0196 1.7243	1.7243	1.6450 1.7241	1.6524	Ave		1.7424			0.0100	6.7		20.0			
Nitrobenzene-d5 (Surr)	0.5662 0.4429	0.4500 0.4427	0.4470	0.4239 0.4472	0.4125	Ave		0.4541			0.0100	10.4		20.0			
2-Fluorobiphenyl	1.4105 1.3754	1.6533 1.5396	1.4496	1.3577 1.5133	1.3230	Ave		1.4528			0.0100	7.6		20.0			
2,4,6-Tribromophenol (Surr)	0.1641	0.1559 0.1895	0.1716	0.1572 0.1821	0.1549	Ave		0.1679			0.0100	8.2		20.0			
Terphenyl-d14 (Surr)	1.2420 1.1200	1.2434 1.2005	1.1575	1.1050 1.1628	1.0371	Ave		1.1585			0.0100	6.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 832222

SDG No.:

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2022 09:18 Calibration End Date: 03/08/2022 12:06 Calibration ID: 89527

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-832222/10	A186575.D
Level 2	STD02 460-832222/9	A186574.D
Level 3	STD04 460-832222/8	A186573.D
Level 4	STD1 460-832222/7	A186572.D
Level 5	STD2 460-832222/6	A186571.D
Level 6	STD4 460-832222/5	A186570.D
Level 7	ICIS 460-832222/2	A186567.D
Level 8	STD16 460-832222/4	A186569.D
Level 9	STD24 460-832222/3	A186568.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCBd 4	Ave				33106	61334				1.00	2.00
			112727	245778	406645	591098		4.00	10.0	16.0	24.0	
N-Nitrosodimethylamine	DCBd 4	Ave				49750	92240				1.00	2.00
			175541	383737	654501	913733		4.00	10.0	16.0	24.0	
Pyridine	DCBd 4	Ave	13843	26231		148493	293111	0.200	0.400		2.00	4.00
			538311	1138066	2015318	2945134		8.00	20.0	32.0	48.0	
Benzaldehyde	DCBd 4	Ave		15423	30522	71477	131355		0.200	0.400	1.00	2.00
			216741	+++++	+++++	+++++		3.20	+++++	+++++	+++++	
Phenol	DCBd 4	Ave				102195	197070				1.00	2.00
			362791	800527	1404482	2094617		4.00	10.0	16.0	24.0	
Aniline	DCBd 4	Ave				130801	244394				1.00	2.00
			469459	982359	1720484	2422680		4.00	10.0	16.0	24.0	
Bis(2-chloroethyl)ether	DCBd 4	Ave	8438	14850		82617	155784	0.100	0.200		1.00	2.00
			284550	598294	1061858	1493503		4.00	10.0	16.0	24.0	
2-Chlorophenol	DCBd 4	Ave				81113	159357				1.00	2.00
			298089	609454	1103462	1562187		4.00	10.0	16.0	24.0	

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 832222

SDG No.:

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2022 09:18 Calibration End Date: 03/08/2022 12:06 Calibration ID: 89527

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
n-Decane	DCBd 4	Ave	408086	812117	1453917	119320 2066229	216465	4.00	10.0	16.0	1.00 24.0	2.00
1,3-Dichlorobenzene	DCBd 4	Ave	321138	689397	1229006	97713 1740445	176127	4.00	10.0	16.0	1.00 24.0	2.00
1,4-Dichlorobenzene	DCBd 4	Ave	322366	702549	1257783	93220 1792325	174456	4.00	10.0	16.0	1.00 24.0	2.00
Benzyl alcohol	DCBd 4	Ave	186613	387860	681867	51730 990601	92263	4.00	10.0	16.0	1.00 24.0	2.00
1,2-Dichlorobenzene	DCBd 4	Ave	312705	657540	1175658	84659 1662383	166912	4.00	10.0	16.0	1.00 24.0	2.00
2-Methylphenol	DCBd 4	Ave	262604	542596	957877	67454 1353481	137660	4.00	10.0	16.0	1.00 24.0	2.00
2,2'-oxybis[1-chloropropane]	DCBd 4	Ave	464536	936008	1669768	133437 2317265	249945	4.00	10.0	16.0	1.00 24.0	2.00
N-Methylaniline	DCBd 4	Ave	13233 485305	24549 957092	1854272	124453 2684846	245004	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
3 & 4 Methylphenol	DCBd 4	Ave	296658	629140	1131995	80531 1598010	150750	4.00	10.0	16.0	1.00 24.0	2.00
4-Methylphenol	DCBd 4	Ave	296337	627445	1129055	80531 1597580	150750	4.00	10.0	16.0	1.00 24.0	2.00
Acetophenone	DCBd 4	Ave	421611	914025	1580447	113592 2303329	222643	4.00	10.0	16.0	1.00 24.0	2.00
N-Nitrosodi-n-propylamine	DCBd 4	Ave	6145 232061	9904 479292	858592	62503 1222628	123566	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 832222

SDG No.:

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2022 09:18 Calibration End Date: 03/08/2022 12:06 Calibration ID: 89527

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Hexachloroethane	DCBd 4	Ave	3382 123645	7015 267593	482751	33265 681310	64726	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Nitrobenzene	DCBd 4	Ave	3879 146455	7221 311953	528548	41069 766279	75991	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
n,n'-Dimethylaniline	DCBd 4	Ave	13532 460843	26651 996953	1766527	127177 2640253	232180	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Isophorone	NPT	Ave	568225	28799 1206559	2118786	163716 3096723	310856	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2-Nitrophenol	NPT	Ave	154179	318569	578589	40204 840355	78207	4.00	10.0	16.0	1.00 24.0	2.00
2,4-Dimethylphenol	NPT	Ave	256544	532171	950004	69993 1322769	135295	4.00	10.0	16.0	1.00 24.0	2.00
Benzoic acid	NPT	Lin2	119937	291374	537454	17502 828819	42987	4.00	10.0	16.0	1.00 24.0	2.00
Bis(2-chloroethoxy)methane	NPT	Ave	343310	714594	1255409	93517 1819941	176835	4.00	10.0	16.0	1.00 24.0	2.00
2,4-Dichlorophenol	NPT	Ave	244112	503800	898240	69447 1300711	127795	4.00	10.0	16.0	1.00 24.0	2.00
1,2,4-Trichlorobenzene	NPT	Ave	6827 268659	11958 575147	986498	73850 1398738	133787	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Naphthalene	NPT	Ave	22966 863649	47400 1825860	3210914	234583 4643249	460252	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
4-Chloroaniline	NPT	Ave	7467 346773	17487 728299	1249932	97515 1853724	187880	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,6-Dichlorophenol	NPT	Ave	235278	498968	890061	66051 1282424	127131	4.00	10.0	16.0	1.00 24.0	2.00
Hexachlorobutadiene	NPT	Ave	4442 167843	8650 354341	632663	43525 925354	85858	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Caprolactam	NPT	Ave	52538	4298 59276	5438 77814	16565 96899	31138	3.20	0.200 4.00	0.400 4.80	1.00 6.40	2.00
4-Chloro-3-methylphenol	NPT	Ave	244682	514124	889148	69645 1293464	130352	4.00	10.0	16.0	1.00 24.0	2.00
2-Methylnaphthalene	NPT	Ave		31134		164149	305433		0.200		1.00	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 832222

SDG No.:

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2022 09:18 Calibration End Date: 03/08/2022 12:06 Calibration ID: 89527

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			573985	1213372	2118151	3095856		4.00	10.0	16.0	24.0	
1-Methylnaphthalene	NPT	Ave	522900	25672 1113186	1944949	151619 2800357	279228	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Hexachlorocyclopentadiene	ANT	Ave	202718	449448	812657	54644 1182308	104035	4.00	10.0	16.0	1.00 24.0	2.00
1,2,4,5-Tetrachlorobenzene	ANT	Ave	266575	563382	1006678	73755 1458048	142244	4.00	10.0	16.0	1.00 24.0	2.00
2-tertbutyl-4-methylphenol	NPT	Ave	374429	18467 795035	1411163	95511 2081410	186248	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,4,6-Trichlorophenol	ANT	Ave	176248	8804 361863	686129	47607 946820	87860	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,4,5-Trichlorophenol	ANT	Ave	185468	414016	666429	51409 965867	101304	4.00	10.0	16.0	1.00 24.0	2.00
1,1'-Biphenyl	ANT	Ave	703678	1496965	2588723	193188 3801958	374000	4.00	10.0	16.0	1.00 24.0	2.00
2-Chloronaphthalene	ANT	Ave	525865	1107254	1899698	141950 2816342	275562	4.00	10.0	16.0	1.00 24.0	2.00
Phenyl ether	ANT	Ave	387249	784905	1414432	107255 2125791	189173	4.00	10.0	16.0	1.00 24.0	2.00
2-Nitroaniline	ANT	Ave	220063	454791	760798	60766 1117715	112934	4.00	10.0	16.0	1.00 24.0	2.00
1,3-Dimethylnaphthalene	ANT	Ave	446988	948878	1618438	114658 2420100	208347	4.00	10.0	16.0	1.00 24.0	2.00
Dimethyl phthalate	ANT	Ave	579513	1230590	2017828	161343 3053988	313582	4.00	10.0	16.0	1.00 24.0	2.00
Coumarin	NPT	Ave	186668	379679	634067	47049 947392	91546	4.00	10.0	16.0	1.00 24.0	2.00
2,6-Dinitrotoluene	ANT	Ave	134855	6045 271171	463803	35740 680174	72217	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Acenaphthylene	ANT	Ave	844763	1634908	3035056	227922 4434546	433955	4.00	10.0	16.0	1.00 24.0	2.00
3-Nitroaniline	ANT	Ave	133676	281126	453356	31865 689156	70517	4.00	10.0	16.0	1.00 24.0	2.00
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	511481	1106923	2044380	135126 3110772	257574	4.00	10.0	16.0	1.00 24.0	2.00
Acenaphthene	ANT	Ave				161545	309370				1.00	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 832222

SDG No.:

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2022 09:18 Calibration End Date: 03/08/2022 12:06 Calibration ID: 89527

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			572411	1241457	2128307	3210080		4.00	10.0	16.0	24.0	
2,4-Dinitrophenol	ANT	Ave	151608	353712	613860	33773 912092	72437	8.00	20.0	32.0	2.00 48.0	4.00
4-Nitrophenol	ANT	Ave	225075	466361	852575	58979 1248556	112694	8.00	20.0	32.0	2.00 48.0	4.00
2,4-Dinitrotoluene	ANT	Ave	170754	8603 362289	596061	50421 887163	89324	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Dibenzofuran	ANT	Ave	733752	1540872	2620367	211798 3908364	393052	4.00	10.0	16.0	1.00 24.0	2.00
2,3,4,6-Tetrachlorophenol	ANT	Ave	136587	312160	507917	39655 765672	74090	4.00	10.0	16.0	1.00 24.0	2.00
Diethyl phthalate	ANT	Ave	562096	1171906	1933405	163704 2926367	308093	4.00	10.0	16.0	1.00 24.0	2.00
Fluorene	ANT	Ave	577709	1228375	2097013	165447 3092229	317559	4.00	10.0	16.0	1.00 24.0	2.00
4-Chlorophenyl phenyl ether	ANT	Ave	277272	612182	1024170	84948 1519597	149042	4.00	10.0	16.0	1.00 24.0	2.00
4-Nitroaniline	ANT	Ave	125459	270952	451798	32186 680399	69502	4.00	10.0	16.0	1.00 24.0	2.00
4,6-Dinitro-2-methylphenol	PHN	Ave	191736	408708	709983	52226 1065335	96535	8.00	20.0	32.0	2.00 48.0	4.00
N-Nitrosodiphenylamine	PHN	Ave	408162	854038	1414001	113668 2122912	216729	4.00	10.0	16.0	1.00 24.0	2.00
1,2-Diphenylhydrazine	PHN	Ave	616778	1277913	2185525	170164 3186287	332544	4.00	10.0	16.0	1.00 24.0	2.00
4-Bromophenyl phenyl ether	PHN	Ave	149576	323146	543318	40291 788005	81064	4.00	10.0	16.0	1.00 24.0	2.00
Hexachlorobenzene	PHN	Ave	5110 162822	9630 358453	582898	49129 883170	95068	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Atrazine	PHN	Ave	122858	7471 129759	15591 172585	41111 217249	72454	3.20	0.200 4.00	0.400 4.80	1.00 6.40	2.00
Pentachlorophenol	PHN	Ave	193612	438818	745167	51388 1153493	97827	8.00	20.0	32.0	2.00 48.0	4.00
Pentachloronitrobenzene	PHN	Ave	79899	172311	282350	19904 437531	39779	4.00	10.0	16.0	1.00 24.0	2.00
n-Octadecane	PHN	Ave				115450	230529				1.00	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 832222

SDG No.:

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2022 09:18 Calibration End Date: 03/08/2022 12:06 Calibration ID: 89527

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			438862	907036	1607981	2298264		4.00	10.0	16.0	24.0	
Phenanthrene	PHN	Ave	804998	1703185	2757624	234095 4235405	447603	4.00	10.0	16.0	1.00 24.0	2.00
Anthracene	PHN	Ave	823658	1708028	2861812	233226 4354893	432581	4.00	10.0	16.0	1.00 24.0	2.00
Carbazole	PHN	Ave	699303	1425938	2486880	198563 3601638	369007	4.00	10.0	16.0	1.00 24.0	2.00
Di-n-butyl phthalate	PHN	Ave	789110	1672237	2905971	221210 4395785	412062	4.00	10.0	16.0	1.00 24.0	2.00
Fluoranthene	PHN	Ave	789830	1686315	2885946	218216 4301140	405202	4.00	10.0	16.0	1.00 24.0	2.00
Benzidine	PHN	Ave	414515	831536	1684036	105473 2487895	191759	4.00	10.0	16.0	1.00 24.0	2.00
Pyrene	CRY	Ave	779877	40531 1672616	2927807	236843 4285388	423389	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Bisphenol-A	CRY	Ave	302947	702388	1262607	81914 1869078	154809	4.00	10.0	16.0	1.00 24.0	2.00
Butyl benzyl phthalate	CRY	Ave	291918	644202	1184429	78055 1705111	151488	4.00	10.0	16.0	1.00 24.0	2.00
2,3,7,8-TCDD	CRY	Ave		1680					0.100			
Carbamazepine	CRY	Lin2	229276	533379	1065400	50359 1572997	101823	4.00	10.0	16.0	1.00 24.0	2.00
3,3'-Dichlorobenzidine	CRY	Ave	230520	9385 521381	907096	57274 1340187	104632	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[a]anthracene	CRY	Ave	21487 647008	35562 1343579	2432759	177943 3618792	347027	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Chrysene	CRY	Ave	597647	35894 1381795	2404125	187392 3427386	321434	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Bis(2-ethylhexyl) phthalate	CRY	Ave	410982	17293 886593	1642297	105742 2382666	206195	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Di-n-octyl phthalate	PRY	Ave	652092	1471993	2764450	183890 3982856	337991	4.00	10.0	16.0	1.00 24.0	2.00
Benzo[b]fluoranthene	PRY	Ave	12798 568923	28844 1279792	2251560	161232 3345487	305927	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[k]fluoranthene	PRY	Ave	13915	30737		159560	301033	0.100	0.200		1.00	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 832222

SDG No.:

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2022 09:18 Calibration End Date: 03/08/2022 12:06 Calibration ID: 89527

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			597174	1287853	2269778	3243658		4.00	10.0	16.0	24.0	
Benzo[a]pyrene	PRY	Ave	9880 547474	26490 1195624	2095996	152333 3026269	278742	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	10735 466609	23261 1052659	1821906	118363 2722840	234348	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Dibenz(a,h)anthracene	PRY	Ave	11921 469471	24416 1051579	1903849	133507 2769220	245602	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[g,h,i]perylene	PRY	Ave	488663	1093352	1905161	134401 2808994	249005	4.00	10.0	16.0	1.00 24.0	2.00
2-Fluorophenol (Surr)	DCBd 4	Ave	290438	16471 599238	1058649	74372 1535985	131502	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Phenol-d5 (Surr)	DCBd 4	Ave	10026 370427	22847 766351	1385570	96962 1984448	183988	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Nitrobenzene-d5 (Surr)	NPT	Ave	12612 373924	19601 755452	1371025	95326 1957737	176444	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2-Fluorobiphenyl	ANT	Ave	17937 655512	40713 1402121	2417513	178704 3662347	316663	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,4,6-Tribromophenol (Surr)	ANT	Ave	78209	3839 172574	286183	20695 440756	37065	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Terphenyl-d14 (Surr)	CRY	Ave	16982 597517	34564 1257061	2232013	164428 3316767	286616	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00

Curve Type Legend
Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186567.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 08-Mar-2022 09:18:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142382-002
Operator ID: Instrument ID: CBNAMS16
Sublist: chrom-8270LVI_16*sub20

Method: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 08-Mar-2022 12:34:06 Calib Date: 08-Mar-2022 12:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186575.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1630

First Level Reviewer: johnstonm1 Date: 08-Mar-2022 09:38:56

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.822	1.822	0.000	98	245778	10.0	10.3	
	2 N-Nitrosodimethylamine	74	2.034	2.034	0.000	74	383737	10.0	10.4	
	3 Pyridine	79	2.069	2.069	0.000	85	1138066	20.0	20.5	
$	4 2-Fluorophenol	112	3.157	3.157	0.000	90	599238	10.0	10.2	
	5 Benzaldehyde	77	3.981	3.981	0.000	91	116855	4.00	2.09	
$	6 Phenol-d5	99	4.034	4.034	0.000	0	766351	10.0	9.90	
	7 Phenol	94	4.051	4.051	0.000	96	800527	10.0	10.2	
	8 Aniline	93	4.081	4.081	0.000	99	982359	10.0	10.1	
	9 Bis(2-chloroethyl)ether	93	4.140	4.140	0.000	93	598294	10.0	9.92	
	10 Benzonitrile	103	4.157	4.157	0.000	99	1198400	NC	NC	a
	11 2-Chlorophenol	128	4.198	4.198	0.000	86	609454	10.0	9.90	
	12 n-Decane	43	4.251	4.251	0.000	93	812117	10.0	9.69	
	13 1,3-Dichlorobenzene	146	4.351	4.351	0.000	93	689397	10.0	9.97	
*	14 1,4-Dichlorobenzene-d4	152	4.398	4.398	0.000	97	355552	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.416	4.416	0.000	92	702549	10.0	10.1	
	16 Benzyl alcohol	108	4.522	4.522	0.000	87	387860	10.0	10.1	
	18 1,2-Dichlorobenzene	146	4.563	4.563	0.000	89	657540	10.0	10.1	
	19 2-Methylphenol	108	4.628	4.628	0.000	81	542596	10.0	10.2	
	20 2,2'-oxybis[1-chloropropane]	45	4.657	4.657	0.000	87	936008	10.0	9.81	
	21 N-Methylaniline	106	4.769	4.769	0.000	72	957092	10.0	9.67	
	24 3 & 4 Methylphenol	108	4.775	4.775	0.000	0	629140	10.0	10.2	
	25 4-Methylphenol	108	4.775	4.775	0.000	69	627445	10.0	10.2	
	23 Acetophenone	105	4.781	4.781	0.000	79	914025	10.0	10.3	
	22 N-Nitrosodi-n-propylamine	70	4.781	4.781	0.000	72	479292	10.0	10.3	
	27 Hexachloroethane	117	4.887	4.887	0.000	91	267593	10.0	10.2	
$	28 Nitrobenzene-d5	82	4.922	4.922	0.000	90	755452	10.0	9.75	
	29 Nitrobenzene	123	4.939	4.939	0.000	88	311953	10.0	10.4	
	30 n,n'-Dimethylaniline	120	4.945	4.945	0.000	82	996953	10.0	10.1	
	31 Isophorone	82	5.169	5.169	0.000	98	1206559	10.0	10.1	
	32 2-Nitrophenol	139	5.245	5.245	0.000	80	318569	10.0	10.1	
	33 2,4-Dimethylphenol	122	5.287	5.287	0.000	85	532171	10.0	10.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.369	5.369	0.000	42	291374	10.0	10.1	
34 Bis(2-chloroethoxy)methane	93	5.375	5.375	0.000	97	714594	10.0	10.1	
36 2,4-Dichlorophenol	162	5.475	5.475	0.000	93	503800	10.0	9.94	
37 1,2,4-Trichlorobenzene	180	5.557	5.557	0.000	94	575147	10.0	10.7	
* 38 Naphthalene-d8	136	5.610	5.610	0.000	98	1365036	8.00	8.00	
39 Naphthalene	128	5.634	5.634	0.000	99	1825860	10.0	10.1	
40 4-Chloroaniline	127	5.681	5.681	0.000	90	728299	10.0	10.4	
41 2,6-Dichlorophenol	162	5.692	5.692	0.000	88	498968	10.0	10.1	
43 Hexachlorobutadiene	225	5.763	5.763	0.000	94	354341	10.0	10.3	
44 Caprolactam	113	5.986	5.986	0.000	87	59276	4.00	4.37	
45 4-Chloro-3-methylphenol	107	6.139	6.139	0.000	95	514124	10.0	10.1	
46 2-Methylnaphthalene	142	6.286	6.286	0.000	80	1213372	10.0	10.1	
47 1-Methylnaphthalene	142	6.381	6.381	0.000	89	1113186	10.0	10.2	
49 1,2,4,5-Tetrachlorobenzene	216	6.451	6.451	0.000	95	563382	10.0	10.5	
48 Hexachlorocyclopentadiene	237	6.451	6.451	0.000	88	449448	10.0	10.8	
50 2-tertbutyl-4-methylphenol	149	6.481	6.481	0.000	69	795035	10.0	10.4	
51 2,4,6-Trichlorophenol	196	6.557	6.557	0.000	87	361863	10.0	10.5	
52 2,4,5-Trichlorophenol	196	6.586	6.586	0.000	80	414016	10.0	11.1	
$ 53 2-Fluorobiphenyl	172	6.639	6.639	0.000	94	1402121	10.0	10.6	
54 1,1'-Biphenyl	154	6.728	6.728	0.000	95	1496965	10.0	10.6	
55 2-Chloronaphthalene	162	6.745	6.745	0.000	95	1107254	10.0	10.6	
56 Phenyl ether	170	6.828	6.828	0.000	86	784905	10.0	10.3	
57 2-Nitroaniline	65	6.839	6.839	0.000	88	454791	10.0	10.7	
58 1,3-Dimethylnaphthalene	156	6.957	6.957	0.000	90	948878	10.0	11.0	
59 Dimethyl phthalate	163	7.016	7.016	0.000	97	1230590	10.0	10.7	
60 Coumarin	146	7.033	7.033	0.000	69	379679	10.0	10.3	
61 2,6-Dinitrotoluene	165	7.069	7.069	0.000	6	271171	10.0	10.6	
62 Acenaphthylene	152	7.139	7.139	0.000	97	1634908	10.0	10.0	
63 3-Nitroaniline	138	7.228	7.228	0.000	92	281126	10.0	11.0	
* 64 Acenaphthene-d10	164	7.275	7.275	0.000	89	728575	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.298	7.298	0.000	85	1106923	10.0	10.6	
66 Acenaphthene	154	7.304	7.304	0.000	93	1241457	10.0	10.6	
67 2,4-Dinitrophenol	184	7.322	7.322	0.000	80	353712	20.0	23.2	
68 4-Nitrophenol	65	7.386	7.386	0.000	93	466361	20.0	21.0	
69 2,4-Dinitrotoluene	165	7.445	7.445	0.000	90	362289	10.0	10.8	
70 Dibenzofuran	168	7.463	7.463	0.000	91	1540872	10.0	10.5	
71 2,3,4,6-Tetrachlorophenol	232	7.580	7.580	0.000	92	312160	10.0	11.1	
72 Diethyl phthalate	149	7.686	7.686	0.000	98	1171906	10.0	10.5	
74 4-Chlorophenyl phenyl ether	204	7.786	7.786	0.000	72	612182	10.0	10.7	
73 Fluorene	166	7.786	7.786	0.000	81	1228375	10.0	10.5	
75 4-Nitroaniline	138	7.798	7.798	0.000	90	270952	10.0	10.8	
77 4,6-Dinitro-2-methylphenol	198	7.833	7.833	0.000	80	408708	20.0	21.0	
78 N-Nitrosodiphenylamine	169	7.898	7.898	0.000	69	854038	10.0	10.5	
79 1,2-Diphenylhydrazine	77	7.933	7.933	0.000	1	1277913	10.0	10.3	
$ 80 2,4,6-Tribromophenol	330	8.010	8.010	0.000	92	172574	10.0	11.3	
81 4-Bromophenyl phenyl ether	248	8.245	8.245	0.000	83	323146	10.0	10.7	
82 Hexachlorobenzene	284	8.310	8.310	0.000	98	358453	10.0	10.4	
83 Atrazine	200	8.398	8.398	0.000	91	129759	4.00	4.41	
84 Pentachlorophenol	266	8.492	8.492	0.000	87	438818	20.0	21.8	
85 Pentachloronitrobenzene	237	8.510	8.510	0.000	85	172311	10.0	10.9	
87 n-Octadecane	57	8.580	8.580	0.000	96	907036	10.0	10.4	
* 88 Phenanthrene-d10	188	8.663	8.663	0.000	99	1190413	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.686	8.686	0.000	97	1703185	10.0	10.4	
90 Anthracene	178	8.733	8.733	0.000	99	1708028	10.0	10.3	
91 Carbazole	167	8.886	8.886	0.000	83	1425938	10.0	10.2	
92 Di-n-butyl phthalate	149	9.222	9.222	0.000	99	1672237	10.0	10.4	
93 Fluoranthene	202	9.804	9.804	0.000	98	1686315	10.0	10.5	
94 Benzidine	184	9.927	9.927	0.000	99	831536	10.0	9.91	
95 Pyrene	202	10.016	10.016	0.000	97	1672616	10.0	10.5	
96 Bisphenol-A	213	10.063	10.063	0.000	92	702388	10.0	11.0	
$ 97 Terphenyl-d14	244	10.169	10.169	0.000	98	1257061	10.0	10.4	
98 Butyl benzyl phthalate	149	10.663	10.663	0.000	97	644202	10.0	10.7	
99 2,3,7,8-TCDD	320	10.763	10.763	0.000	27	1680	0.1000	0.1000	
100 Carbamazepine	193	10.769	10.769	0.000	90	533379	10.0	10.0	
101 3,3'-Dichlorobenzidine	252	11.233	11.233	0.000	99	521381	10.0	11.7	
102 Benzo[a]anthracene	228	11.257	11.257	0.000	98	1343579	10.0	9.94	
* 103 Chrysene-d12	240	11.268	11.268	0.000	96	837710	8.00	8.00	
104 Chrysene	228	11.298	11.298	0.000	95	1381795	10.0	10.7	
105 Bis(2-ethylhexyl) phthalate	149	11.316	11.316	0.000	86	886593	10.0	11.0	
106 Di-n-octyl phthalate	149	12.127	12.127	0.000	96	1471993	10.0	10.3	
107 Benzo[b]fluoranthene	252	12.604	12.604	0.000	95	1279792	10.0	10.8	
108 Benzo[k]fluoranthene	252	12.639	12.639	0.000	98	1287853	10.0	10.6	
109 Benzo[a]pyrene	252	13.045	13.045	0.000	97	1195624	10.0	11.0	
* 110 Perylene-d12	264	13.121	13.121	0.000	98	771569	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.645	14.645	0.000	99	1052659	10.0	11.1	
112 Dibenz(a,h)anthracene	278	14.686	14.686	0.000	96	1051579	10.0	10.5	
113 Benzo[g,h,i]perylene	276	15.068	15.068	0.000	93	1093352	10.0	10.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL7_LVI_00004 Amount Added: 1.00 Units: mL

Report Date: 08-Mar-2022 12:34:08 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186567.D

Injection Date: 08-Mar-2022 09:18:30 Instrument ID: CBNAMS16 Operator ID:

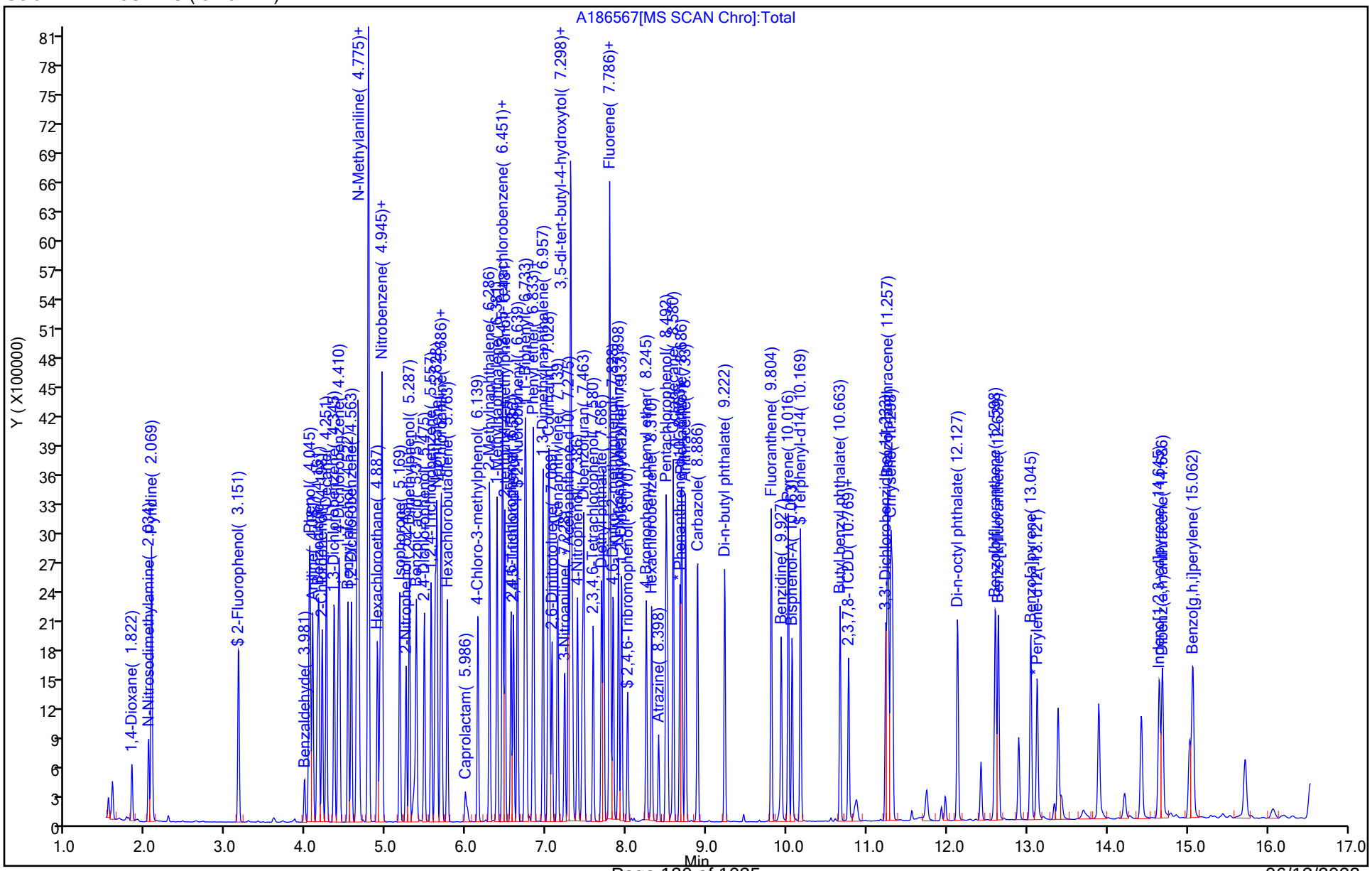
Lims ID: ICIS Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270LVI_16 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186568.D
Lims ID: STD24
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 08-Mar-2022 09:39:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142382-003
Operator ID: Instrument ID: CBNAMS16
Sublist: chrom-8270LVI_16*sub20

Method: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 08-Mar-2022 12:34:11 Calib Date: 08-Mar-2022 12:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186575.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1630

First Level Reviewer: johnstonm1 Date: 08-Mar-2022 10:00:06

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.828	1.822	0.006	98	591098	24.0	23.0	
	2 N-Nitrosodimethylamine	74	2.040	2.034	0.006	72	913733	24.0	23.0	
	3 Pyridine	79	2.075	2.069	0.006	83	2945134	48.0	49.2	
$	4 2-Fluorophenol	112	3.163	3.157	0.006	90	1535985	24.0	24.2	
	5 Benzaldehyde	77	3.981	3.981	0.000	87	316560	6.40	5.24	
$	6 Phenol-d5	99	4.045	4.034	0.011	0	1984448	24.0	23.7	
	7 Phenol	94	4.057	4.051	0.006	94	2094617	24.0	24.8	
	8 Aniline	93	4.087	4.081	0.006	99	2422680	24.0	23.2	
	9 Bis(2-chloroethyl)ether	93	4.145	4.140	0.005	92	1493503	24.0	23.0	
	10 Benzonitrile	103	4.163	4.157	0.006	99	3023688	NC	NC	
	11 2-Chlorophenol	128	4.204	4.198	0.006	86	1562187	24.0	23.5	
	12 n-Decane	43	4.257	4.251	0.006	93	2066229	24.0	22.8	
	13 1,3-Dichlorobenzene	146	4.351	4.351	0.000	92	1740445	24.0	23.3	
*	14 1,4-Dichlorobenzene-d4	152	4.404	4.398	0.006	86	383665	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.416	4.416	0.000	91	1792325	24.0	23.9	
	16 Benzyl alcohol	108	4.528	4.522	0.006	87	990601	24.0	24.0	
	18 1,2-Dichlorobenzene	146	4.563	4.563	0.000	88	1662383	24.0	23.7	
	19 2-Methylphenol	108	4.634	4.628	0.006	80	1353481	24.0	23.5	
	20 2,2'-oxybis[1-chloropropane]	45	4.657	4.657	0.000	89	2317265	24.0	22.5	
	21 N-Methylaniline	106	4.775	4.769	0.006	77	2684846	24.0	25.1	
	24 3 & 4 Methylphenol	108	4.787	4.775	0.012	0	1598010	24.0	24.0	
	25 4-Methylphenol	108	4.787	4.775	0.012	66	1597580	24.0	24.0	
	23 Acetophenone	105	4.787	4.781	0.006	80	2303329	24.0	24.2	
	22 N-Nitrosodi-n-propylamine	70	4.787	4.781	0.006	67	1222628	24.0	24.3	
	27 Hexachloroethane	117	4.892	4.887	0.005	90	681310	24.0	24.1	
$	28 Nitrobenzene-d5	82	4.928	4.922	0.006	90	1957737	24.0	23.6	
	29 Nitrobenzene	123	4.945	4.939	0.006	87	766279	24.0	23.7	
	30 n,n'-Dimethylaniline	120	4.951	4.945	0.006	83	2640253	24.0	24.7	
	31 Isophorone	82	5.175	5.169	0.006	98	3096723	24.0	24.3	
	32 2-Nitrophenol	139	5.251	5.245	0.006	83	840355	24.0	24.9	
	33 2,4-Dimethylphenol	122	5.292	5.287	0.006	72	1322769	24.0	23.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.410	5.369	0.041	88	828819	24.0	25.9	
34 Bis(2-chloroethoxy)methane	93	5.381	5.375	0.006	98	1819941	24.0	24.1	
36 2,4-Dichlorophenol	162	5.481	5.475	0.006	93	1300711	24.0	24.0	
37 1,2,4-Trichlorobenzene	180	5.563	5.557	0.006	94	1398738	24.0	24.4	
* 38 Naphthalene-d8	136	5.610	5.610	0.000	98	1459169	8.00	8.00	
39 Naphthalene	128	5.634	5.634	0.000	99	4643249	24.0	24.1	
40 4-Chloroaniline	127	5.686	5.681	0.005	80	1853724	24.0	24.8	
41 2,6-Dichlorophenol	162	5.692	5.692	0.000	84	1282424	24.0	24.2	
43 Hexachlorobutadiene	225	5.763	5.763	0.000	94	925354	24.0	25.1	
44 Caprolactam	113	6.063	5.986	0.077	88	96899	6.40	6.68	
45 4-Chloro-3-methylphenol	107	6.145	6.139	0.006	96	1293464	24.0	23.8	
46 2-Methylnaphthalene	142	6.292	6.286	0.006	81	3095856	24.0	24.0	
47 1-Methylnaphthalene	142	6.381	6.381	0.000	89	2800357	24.0	24.1	
49 1,2,4,5-Tetrachlorobenzene	216	6.451	6.451	0.000	95	1458048	24.0	24.5	
48 Hexachlorocyclopentadiene	237	6.451	6.451	0.000	90	1182308	24.0	25.6	
50 2-tertbutyl-4-methylphenol	149	6.481	6.481	0.000	73	2081410	24.0	25.5	
51 2,4,6-Trichlorophenol	196	6.557	6.557	0.000	86	946820	24.0	24.7	
52 2,4,5-Trichlorophenol	196	6.592	6.586	0.006	89	965867	24.0	23.4	
$ 53 2-Fluorobiphenyl	172	6.639	6.639	0.000	97	3662347	24.0	25.0	
54 1,1'-Biphenyl	154	6.733	6.728	0.005	95	3801958	24.0	24.4	
55 2-Chloronaphthalene	162	6.751	6.745	0.006	96	2816342	24.0	24.5	
56 Phenyl ether	170	6.833	6.828	0.005	86	2125791	24.0	25.3	
57 2-Nitroaniline	65	6.845	6.839	0.006	91	1117715	24.0	23.6	
58 1,3-Dimethylnaphthalene	156	6.957	6.957	0.000	90	2420100	24.0	25.3	
59 Dimethyl phthalate	163	7.022	7.016	0.006	97	3053988	24.0	24.0	
60 Coumarin	146	7.039	7.033	0.006	68	947392	24.0	24.2	
61 2,6-Dinitrotoluene	165	7.075	7.069	0.006	1	680174	24.0	24.1	
62 Acenaphthylene	152	7.139	7.139	0.000	97	4434546	24.0	24.5	
63 3-Nitroaniline	138	7.233	7.228	0.005	91	689156	24.0	24.4	
* 64 Acenaphthene-d10	164	7.275	7.275	0.000	87	806679	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.304	7.298	0.006	87	3110772	24.0	26.8	
66 Acenaphthene	154	7.304	7.304	0.000	94	3210080	24.0	24.8	
67 2,4-Dinitrophenol	184	7.328	7.322	0.006	87	912092	48.0	54.0	
68 4-Nitrophenol	65	7.392	7.386	0.006	94	1248556	48.0	50.7	
69 2,4-Dinitrotoluene	165	7.451	7.445	0.006	89	887163	24.0	23.8	
70 Dibenzofuran	168	7.469	7.463	0.006	91	3908364	24.0	24.1	
71 2,3,4,6-Tetrachlorophenol	232	7.586	7.580	0.006	93	765672	24.0	24.5	
72 Diethyl phthalate	149	7.692	7.686	0.006	97	2926367	24.0	23.6	
74 4-Chlorophenyl phenyl ether	204	7.786	7.786	0.000	72	1519597	24.0	24.0	
73 Fluorene	166	7.786	7.786	0.000	82	3092229	24.0	24.0	
75 4-Nitroaniline	138	7.810	7.798	0.012	93	680399	24.0	24.6	
77 4,6-Dinitro-2-methylphenol	198	7.839	7.833	0.006	80	1065335	48.0	50.5	
78 N-Nitrosodiphenylamine	169	7.904	7.898	0.006	70	2122912	24.0	24.0	
79 1,2-Diphenylhydrazine	77	7.939	7.933	0.006	1	3186287	24.0	23.8	
$ 80 2,4,6-Tribromophenol	330	8.016	8.010	0.006	94	440756	24.0	26.0	
81 4-Bromophenyl phenyl ether	248	8.245	8.245	0.000	82	788005	24.0	24.0	
82 Hexachlorobenzene	284	8.316	8.310	0.006	97	883170	24.0	23.7	
83 Atrazine	200	8.404	8.398	0.006	92	217249	6.40	6.81	
84 Pentachlorophenol	266	8.498	8.492	0.006	88	1153493	48.0	52.7	
85 Pentachloronitrobenzene	237	8.510	8.510	0.000	84	437531	24.0	25.5	
87 n-Octadecane	57	8.580	8.580	0.000	96	2298264	24.0	24.2	
* 88 Phenanthrene-d10	188	8.669	8.663	0.006	98	1291192	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.692	8.686	0.006	97	4235405	24.0	23.9	
90 Anthracene	178	8.739	8.733	0.006	98	4354893	24.0	24.3	
91 Carbazole	167	8.886	8.886	0.000	83	3601638	24.0	23.7	
92 Di-n-butyl phthalate	149	9.222	9.222	0.000	99	4395785	24.0	25.1	
93 Fluoranthene	202	9.804	9.804	0.000	98	4301140	24.0	24.8	
94 Benzidine	184	9.933	9.927	0.006	99	2487895	24.0	27.3	
95 Pyrene	202	10.021	10.016	0.005	98	4285388	24.0	23.7	
96 Bisphenol-A	213	10.069	10.063	0.006	91	1869078	24.0	25.8	
$ 97 Terphenyl-d14	244	10.169	10.169	0.000	98	3316767	24.0	24.1	
98 Butyl benzyl phthalate	149	10.668	10.663	0.005	97	1705111	24.0	25.0	
100 Carbamazepine	193	10.774	10.769	0.006	90	1572997	24.0	25.3	
101 3,3'-Dichlorobenzidine	252	11.233	11.233	0.000	99	1340187	24.0	26.6	
102 Benzo[a]anthracene	228	11.257	11.257	0.000	98	3618792	24.0	23.6	
* 103 Chrysene-d12	240	11.268	11.268	0.000	77	950822	8.00	8.00	
104 Chrysene	228	11.298	11.298	0.000	96	3427386	24.0	23.5	
105 Bis(2-ethylhexyl) phthalate	149	11.316	11.316	0.000	86	2382666	24.0	26.1	
106 Di-n-octyl phthalate	149	12.133	12.127	0.006	96	3982856	24.0	25.5	
107 Benzo[b]fluoranthene	252	12.610	12.604	0.006	98	3345487	24.0	25.8	
108 Benzo[k]fluoranthene	252	12.645	12.639	0.006	99	3243658	24.0	24.5	
109 Benzo[a]pyrene	252	13.051	13.045	0.006	97	3026269	24.0	25.5	
* 110 Perylene-d12	264	13.121	13.121	0.000	98	842613	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.656	14.645	0.011	98	2722840	24.0	26.2	
112 Dibenz(a,h)anthracene	278	14.692	14.686	0.006	96	2769220	24.0	25.4	
113 Benzo[g,h,i]perylene	276	15.080	15.068	0.012	95	2808994	24.0	24.8	
S 123 Total Cresols	1				0			47.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_BNAL9_LVI_00003 Amount Added: 1.00 Units: mL

Report Date: 08-Mar-2022 12:34:13 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186568.D

Injection Date: 08-Mar-2022 09:39:30 Instrument ID: CBNAMS16 Operator ID:

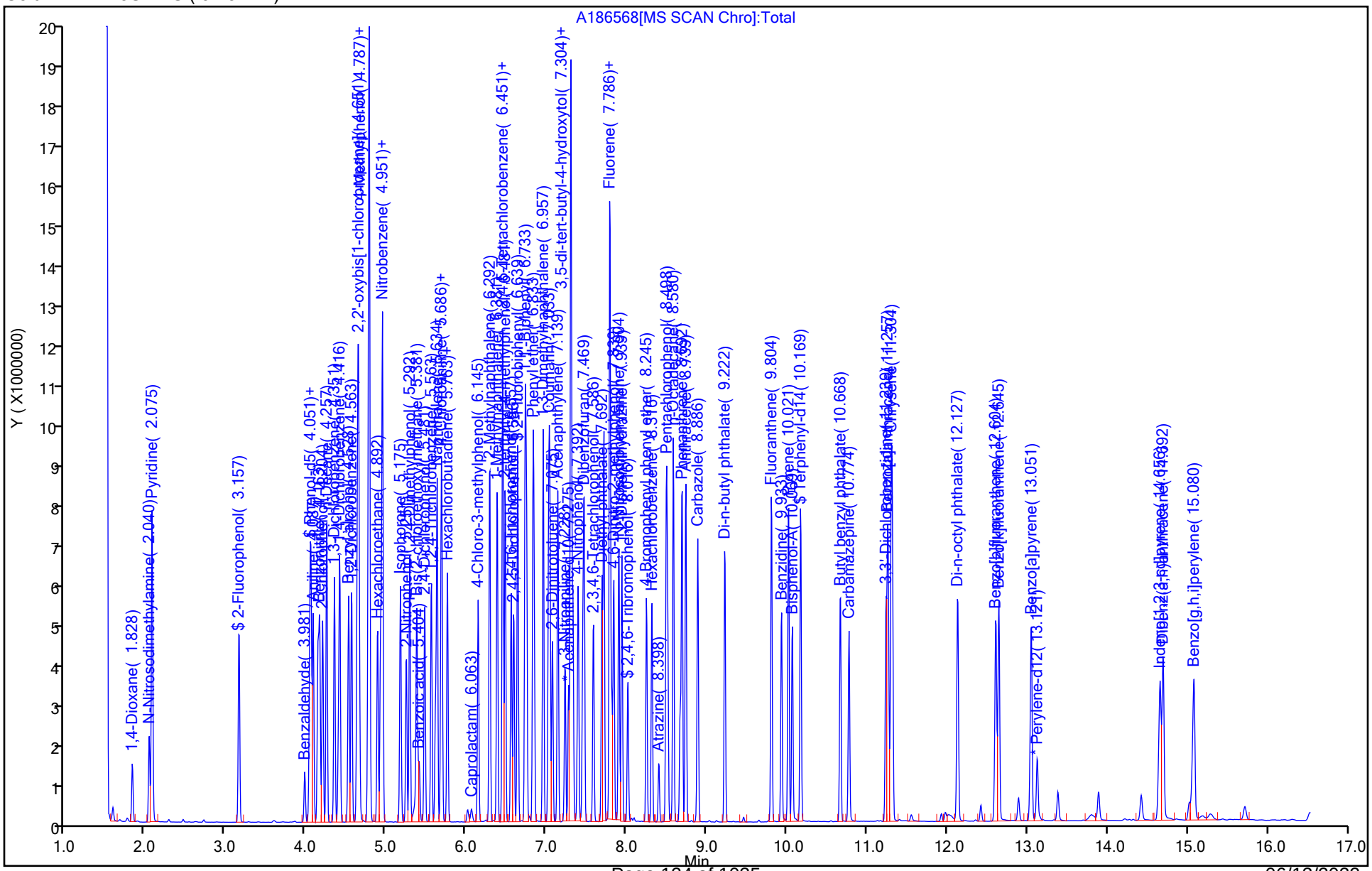
Lims ID: STD24 Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8270LVI_16 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186569.D
Lims ID: STD16
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 08-Mar-2022 10:00:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142298-004
Operator ID: Instrument ID: CBNAMS16
Sublist: chrom-8270LVI_16*sub20

Method: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 08-Mar-2022 12:34:16 Calib Date: 08-Mar-2022 12:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186575.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1630

First Level Reviewer: johnstonm1 Date: 08-Mar-2022 10:22:35

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.828	1.822	0.006	97	406645	16.0	15.1	
	2 N-Nitrosodimethylamine	74	2.040	2.034	0.006	75	654501	16.0	15.7	
	3 Pyridine	79	2.075	2.069	0.006	83	2015318	32.0	32.1	
$	4 2-Fluorophenol	112	3.157	3.157	0.000	89	1058649	16.0	15.9	
	5 Benzaldehyde	77	3.981	3.981	0.000	92	273943	4.80	4.33	
$	6 Phenol-d5	99	4.040	4.034	0.006	0	1385570	16.0	15.8	
	7 Phenol	94	4.057	4.051	0.006	98	1404482	16.0	15.9	
	8 Aniline	93	4.087	4.081	0.006	99	1720484	16.0	15.7	
	9 Bis(2-chloroethyl)ether	93	4.140	4.140	0.000	95	1061858	16.0	15.6	
	10 Benzonitrile	103	4.163	4.157	0.006	99	2088634	NC	NC	
	11 2-Chlorophenol	128	4.204	4.198	0.006	92	1103462	16.0	15.9	
	12 n-Decane	43	4.251	4.251	0.000	92	1453917	16.0	15.4	
	13 1,3-Dichlorobenzene	146	4.351	4.351	0.000	93	1229006	16.0	15.7	
*	14 1,4-Dichlorobenzene-d4	152	4.398	4.398	0.000	97	401775	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.416	4.416	0.000	91	1257783	16.0	16.0	
	16 Benzyl alcohol	108	4.528	4.522	0.006	88	681867	16.0	15.8	
	18 1,2-Dichlorobenzene	146	4.563	4.563	0.000	93	1175658	16.0	16.0	
	19 2-Methylphenol	108	4.634	4.628	0.006	86	957877	16.0	15.9	
	20 2,2'-oxybis[1-chloropropane]	45	4.657	4.657	0.000	91	1669768	16.0	15.5	
	21 N-Methylaniline	106	4.775	4.769	0.006	93	1854272	16.0	16.6	
	24 3 & 4 Methylphenol	108	4.781	4.775	0.006	0	1131995	16.0	16.2	
	25 4-Methylphenol	108	4.781	4.775	0.006	69	1129055	16.0	16.2	
	23 Acetophenone	105	4.781	4.781	0.000	93	1580447	16.0	15.8	
	22 N-Nitrosodi-n-propylamine	70	4.787	4.781	0.006	93	858592	16.0	16.3	
	27 Hexachloroethane	117	4.887	4.887	0.000	92	482751	16.0	16.3	
$	28 Nitrobenzene-d5	82	4.928	4.922	0.006	89	1371025	16.0	15.8	
	29 Nitrobenzene	123	4.945	4.939	0.006	91	528548	16.0	15.6	
	30 n,n'-Dimethylaniline	120	4.951	4.945	0.006	93	1766527	16.0	15.8	
	31 Isophorone	82	5.169	5.169	0.000	98	2118786	16.0	15.8	
	32 2-Nitrophenol	139	5.245	5.245	0.000	81	578589	16.0	16.3	
	33 2,4-Dimethylphenol	122	5.287	5.287	0.001	88	950004	16.0	16.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.387	5.369	0.018	93	537454	16.0	16.2	
34 Bis(2-chloroethoxy)methane	93	5.375	5.375	0.000	97	1255409	16.0	15.8	
36 2,4-Dichlorophenol	162	5.475	5.475	0.000	93	898240	16.0	15.8	
37 1,2,4-Trichlorobenzene	180	5.557	5.557	0.000	94	986498	16.0	16.3	
* 38 Naphthalene-d8	136	5.610	5.610	0.000	99	1533474	8.00	8.00	
39 Naphthalene	128	5.634	5.634	0.000	99	3210914	16.0	15.9	
40 4-Chloroaniline	127	5.681	5.681	0.000	95	1249932	16.0	15.9	
41 2,6-Dichlorophenol	162	5.692	5.692	0.000	95	890061	16.0	16.0	
43 Hexachlorobutadiene	225	5.763	5.763	0.000	94	632663	16.0	16.3	
44 Caprolactam	113	5.998	5.986	0.012	88	77814	4.80	5.11	
45 4-Chloro-3-methylphenol	107	6.145	6.139	0.006	96	889148	16.0	15.5	
46 2-Methylnaphthalene	142	6.287	6.286	0.001	83	2118151	16.0	15.6	
47 1-Methylnaphthalene	142	6.381	6.381	0.000	92	1944949	16.0	15.9	
49 1,2,4,5-Tetrachlorobenzene	216	6.451	6.451	0.000	96	1006678	16.0	16.4	
48 Hexachlorocyclopentadiene	237	6.451	6.451	0.000	96	812657	16.0	17.0	
50 2-tertbutyl-4-methylphenol	149	6.481	6.481	0.000	89	1411163	16.0	16.5	
51 2,4,6-Trichlorophenol	196	6.557	6.557	0.000	87	686129	16.0	17.3	
52 2,4,5-Trichlorophenol	196	6.587	6.586	0.001	95	666429	16.0	15.6	
$ 53 2-Fluorobiphenyl	172	6.639	6.639	0.000	97	2417513	16.0	16.0	
54 1,1'-Biphenyl	154	6.734	6.728	0.006	96	2588723	16.0	16.1	
55 2-Chloronaphthalene	162	6.745	6.745	0.000	96	1899698	16.0	16.0	
56 Phenyl ether	170	6.834	6.828	0.006	90	1414432	16.0	16.3	
57 2-Nitroaniline	65	6.839	6.839	0.000	94	760798	16.0	15.6	
58 1,3-Dimethylnaphthalene	156	6.957	6.957	0.000	90	1618438	16.0	16.4	
59 Dimethyl phthalate	163	7.022	7.016	0.006	98	2017828	16.0	15.3	
60 Coumarin	146	7.034	7.033	0.001	70	634067	16.0	15.4	
61 2,6-Dinitrotoluene	165	7.069	7.069	0.000	93	463803	16.0	15.9	
62 Acenaphthylene	152	7.139	7.139	0.000	97	3035056	16.0	16.2	
63 3-Nitroaniline	138	7.228	7.228	0.000	91	453356	16.0	15.5	
* 64 Acenaphthene-d10	164	7.275	7.275	0.000	98	833839	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.298	7.298	0.000	97	2044380	16.0	17.0	
66 Acenaphthene	154	7.304	7.304	0.000	95	2128307	16.0	15.9	
67 2,4-Dinitrophenol	184	7.322	7.322	0.000	94	613860	32.0	35.1	
68 4-Nitrophenol	65	7.387	7.386	0.000	94	852575	32.0	33.5	
69 2,4-Dinitrotoluene	165	7.451	7.445	0.006	95	596061	16.0	15.5	
70 Dibenzofuran	168	7.463	7.463	0.000	95	2620367	16.0	15.6	
71 2,3,4,6-Tetrachlorophenol	232	7.581	7.580	0.001	92	507917	16.0	15.7	
72 Diethyl phthalate	149	7.686	7.686	0.000	98	1933405	16.0	15.1	
74 4-Chlorophenyl phenyl ether	204	7.786	7.786	0.000	77	1024170	16.0	15.7	
73 Fluorene	166	7.786	7.786	0.000	94	2097013	16.0	15.7	
75 4-Nitroaniline	138	7.804	7.798	0.006	92	451798	16.0	15.8	
77 4,6-Dinitro-2-methylphenol	198	7.834	7.833	0.001	82	709983	32.0	34.5	
78 N-Nitrosodiphenylamine	169	7.898	7.898	0.000	70	1414001	16.0	16.4	
79 1,2-Diphenylhydrazine	77	7.939	7.933	0.006	50	2185525	16.0	16.7	
$ 80 2,4,6-Tribromophenol	330	8.016	8.010	0.006	95	286183	16.0	16.4	
81 4-Bromophenyl phenyl ether	248	8.245	8.245	0.000	86	543318	16.0	16.9	
82 Hexachlorobenzene	284	8.310	8.310	0.000	98	582898	16.0	16.0	
83 Atrazine	200	8.398	8.398	0.000	91	172585	4.80	5.55	
84 Pentachlorophenol	266	8.492	8.492	0.000	91	745167	32.0	34.9	
85 Pentachloronitrobenzene	237	8.510	8.510	0.000	87	282350	16.0	16.9	
87 n-Octadecane	57	8.581	8.580	0.001	95	1607981	16.0	17.4	
* 88 Phenanthrene-d10	188	8.663	8.663	0.000	99	1259170	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.686	8.686	0.000	97	2757624	16.0	15.9	
90 Anthracene	178	8.733	8.733	0.000	99	2861812	16.0	16.4	
91 Carbazole	167	8.886	8.886	0.000	96	2486880	16.0	16.8	
92 Di-n-butyl phthalate	149	9.222	9.222	0.000	99	2905971	16.0	17.0	
93 Fluoranthene	202	9.804	9.804	0.000	98	2885946	16.0	17.0	
94 Benzidine	184	9.928	9.927	0.001	99	1684036	16.0	19.0	
95 Pyrene	202	10.016	10.016	0.000	98	2927807	16.0	16.0	
96 Bisphenol-A	213	10.063	10.063	0.000	98	1262607	16.0	17.2	
$ 97 Terphenyl-d14	244	10.169	10.169	0.000	98	2232013	16.0	16.0	
98 Butyl benzyl phthalate	149	10.663	10.663	0.000	98	1184429	16.0	17.1	
100 Carbamazepine	193	10.769	10.769	0.001	92	1065400	16.0	17.0	
101 3,3'-Dichlorobenzidine	252	11.233	11.233	0.000	99	907096	16.0	17.7	
102 Benzo[a]anthracene	228	11.257	11.257	0.000	98	2432759	16.0	15.6	
* 103 Chrysene-d12	240	11.269	11.268	0.001	99	964113	8.00	8.00	
104 Chrysene	228	11.298	11.298	0.000	98	2404125	16.0	16.2	
105 Bis(2-ethylhexyl) phthalate	149	11.316	11.316	0.000	88	1642297	16.0	17.7	
106 Di-n-octyl phthalate	149	12.127	12.127	0.000	97	2764450	16.0	17.2	
107 Benzo[b]fluoranthene	252	12.604	12.604	0.000	98	2251560	16.0	16.8	
108 Benzo[k]fluoranthene	252	12.639	12.639	0.000	99	2269778	16.0	16.6	
109 Benzo[a]pyrene	252	13.045	13.045	0.000	97	2095996	16.0	17.1	
* 110 Perylene-d12	264	13.121	13.121	0.000	98	870150	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.651	14.645	0.006	99	1821906	16.0	17.0	
112 Dibenz(a,h)anthracene	278	14.686	14.686	0.000	96	1903849	16.0	16.9	
113 Benzo[g,h,i]perylene	276	15.068	15.068	0.000	98	1905161	16.0	16.3	
S 123 Total Cresols	1				0			32.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_BNAL8_LVI_00004 Amount Added: 1.00 Units: mL

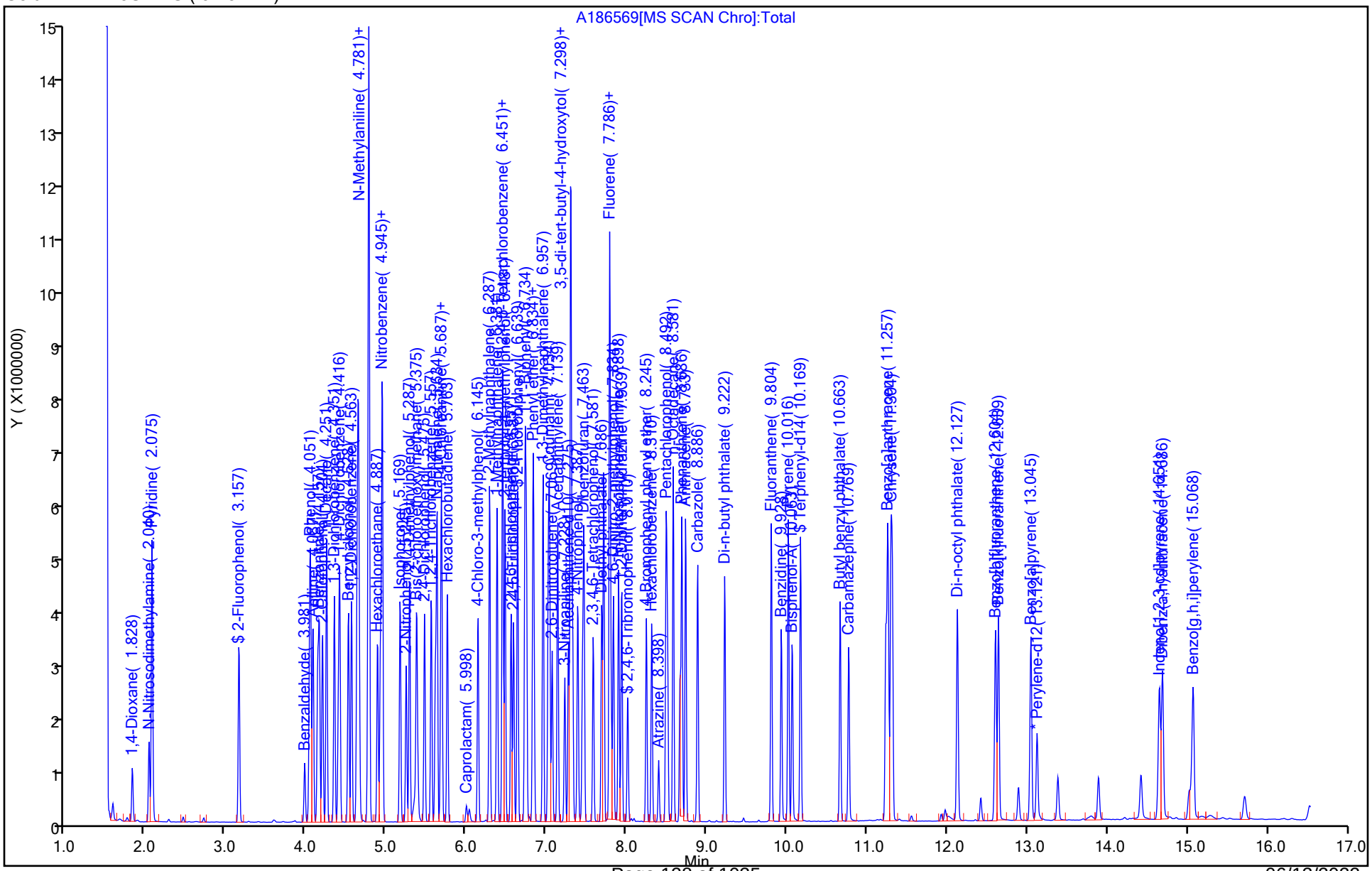
Report Date: 08-Mar-2022 12:34:18 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186569.D

Injection Date:	08-Mar-2022 10:00:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	STD16			Worklist Smp#:	4
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186570.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 08-Mar-2022 10:21:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142298-005
Operator ID: Instrument ID: CBNAMS16
Sublist: chrom-8270LVI_16*sub20

Method: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 08-Mar-2022 12:34:21 Calib Date: 08-Mar-2022 12:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186575.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1630

First Level Reviewer: johnstonm1 Date: 08-Mar-2022 11:16:46

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.828	1.828	0.000	98	112727	4.00	3.95	
	2 N-Nitrosodimethylamine	74	2.034	2.034	0.000	75	175541	4.00	3.98	
	3 Pyridine	79	2.075	2.075	0.000	83	538311	8.00	8.08	
$	4 2-Fluorophenol	112	3.157	3.157	0.000	89	290438	4.00	4.12	
	5 Benzaldehyde	77	3.975	3.975	0.000	92	216741	3.20	3.23	
$	6 Phenol-d5	99	4.034	4.034	0.000	0	370427	4.00	3.99	
	7 Phenol	94	4.046	4.046	0.000	96	362791	4.00	3.86	
	8 Aniline	93	4.081	4.081	0.000	99	469459	4.00	4.04	
	9 Bis(2-chloroethyl)ether	93	4.134	4.134	0.000	96	284550	4.00	3.93	
	10 Benzonitrile	103	4.151	4.151	0.000	99	571628	NC	NC	
	11 2-Chlorophenol	128	4.199	4.199	0.000	92	298089	4.00	4.04	
	12 n-Decane	43	4.251	4.251	0.000	94	408086	4.00	4.06	
	13 1,3-Dichlorobenzene	146	4.346	4.346	0.000	93	321138	4.00	3.87	
*	14 1,4-Dichlorobenzene-d4	152	4.399	4.399	0.000	97	426545	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.416	4.416	0.000	90	322366	4.00	3.87	
	16 Benzyl alcohol	108	4.522	4.522	0.000	89	186613	4.00	4.07	
	18 1,2-Dichlorobenzene	146	4.563	4.563	0.000	93	312705	4.00	4.00	
	19 2-Methylphenol	108	4.628	4.628	0.000	86	262604	4.00	4.10	
	20 2,2'-oxybis[1-chloropropane]	45	4.657	4.657	0.000	91	464536	4.00	4.06	
	21 N-Methylaniline	106	4.769	4.769	0.000	91	485305	4.00	4.09	
	24 3 & 4 Methylphenol	108	4.775	4.775	0.000	0	296658	4.00	4.01	
	25 4-Methylphenol	108	4.775	4.775	0.000	70	296337	4.00	4.01	
	23 Acetophenone	105	4.775	4.775	0.000	82	421611	4.00	3.98	
	22 N-Nitrosodi-n-propylamine	70	4.775	4.775	0.000	93	232061	4.00	4.15	
	27 Hexachloroethane	117	4.887	4.887	0.000	91	123645	4.00	3.93	
$	28 Nitrobenzene-d5	82	4.922	4.922	0.000	89	373924	4.00	3.90	
	29 Nitrobenzene	123	4.940	4.940	0.000	91	146455	4.00	4.08	
	30 n,n'-Dimethylaniline	120	4.946	4.946	0.000	93	460843	4.00	3.88	
	31 Isophorone	82	5.163	5.163	0.000	98	568225	4.00	3.85	
	32 2-Nitrophenol	139	5.246	5.246	0.000	81	154179	4.00	3.94	
	33 2,4-Dimethylphenol	122	5.287	5.287	0.000	88	256544	4.00	3.93	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.340	5.340	0.000	87	119937	4.00	3.79	
34 Bis(2-chloroethoxy)methane	93	5.375	5.375	0.000	97	343310	4.00	3.94	
36 2,4-Dichlorophenol	162	5.475	5.475	0.000	93	244112	4.00	3.89	
37 1,2,4-Trichlorobenzene	180	5.557	5.557	0.000	94	268659	4.00	4.04	
* 38 Naphthalene-d8	136	5.610	5.610	0.000	100	1688650	8.00	8.00	
39 Naphthalene	128	5.628	5.628	0.000	98	863649	4.00	3.88	
40 4-Chloroaniline	127	5.675	5.675	0.000	97	346773	4.00	4.01	
41 2,6-Dichlorophenol	162	5.687	5.687	0.000	95	235278	4.00	3.83	
43 Hexachlorobutadiene	225	5.763	5.763	0.000	94	167843	4.00	3.94	
44 Caprolactam	113	5.975	5.975	0.000	87	52538	3.20	3.13	
45 4-Chloro-3-methylphenol	107	6.140	6.140	0.000	96	244682	4.00	3.88	
46 2-Methylnaphthalene	142	6.287	6.287	0.000	82	573985	4.00	3.85	
47 1-Methylnaphthalene	142	6.381	6.381	0.000	92	522900	4.00	3.89	
49 1,2,4,5-Tetrachlorobenzene	216	6.451	6.451	0.000	95	266575	4.00	3.79	
48 Hexachlorocyclopentadiene	237	6.451	6.451	0.000	94	202718	4.00	3.72	
50 2-tertbutyl-4-methylphenol	149	6.481	6.481	0.000	88	374429	4.00	3.97	
51 2,4,6-Trichlorophenol	196	6.557	6.557	0.000	89	176248	4.00	3.90	
52 2,4,5-Trichlorophenol	196	6.587	6.587	0.000	93	185468	4.00	3.80	
$ 53 2-Fluorobiphenyl	172	6.634	6.634	0.000	97	655512	4.00	3.79	
54 1,1'-Biphenyl	154	6.728	6.728	0.000	96	703678	4.00	3.82	
55 2-Chloronaphthalene	162	6.745	6.745	0.000	97	525865	4.00	3.86	
56 Phenyl ether	170	6.828	6.828	0.000	90	387249	4.00	3.90	
57 2-Nitroaniline	65	6.834	6.834	0.000	93	220063	4.00	3.94	
58 1,3-Dimethylnaphthalene	156	6.951	6.951	0.000	92	446988	4.00	3.95	
59 Dimethyl phthalate	163	7.016	7.016	0.000	98	579513	4.00	3.85	
60 Coumarin	146	7.028	7.028	0.000	73	186668	4.00	4.11	
61 2,6-Dinitrotoluene	165	7.063	7.063	0.000	92	134855	4.00	4.05	
62 Acenaphthylene	152	7.134	7.134	0.000	97	844763	4.00	3.95	
63 3-Nitroaniline	138	7.222	7.222	0.000	91	133676	4.00	4.00	
* 64 Acenaphthene-d10	164	7.269	7.269	0.000	98	953163	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.298	7.298	0.000	97	511481	4.00	3.73	
66 Acenaphthene	154	7.298	7.298	0.000	95	572411	4.00	3.75	
67 2,4-Dinitrophenol	184	7.316	7.316	0.000	93	151608	8.00	7.59	
68 4-Nitrophenol	65	7.381	7.381	0.000	94	225075	8.00	7.74	
69 2,4-Dinitrotoluene	165	7.445	7.445	0.000	91	170754	4.00	3.88	
70 Dibenzofuran	168	7.463	7.463	0.000	95	733752	4.00	3.82	
71 2,3,4,6-Tetrachlorophenol	232	7.581	7.581	0.000	91	136587	4.00	3.70	
72 Diethyl phthalate	149	7.681	7.681	0.000	98	562096	4.00	3.84	
74 4-Chlorophenyl phenyl ether	204	7.787	7.787	0.000	80	277272	4.00	3.71	
73 Fluorene	166	7.787	7.787	0.000	94	577709	4.00	3.79	
75 4-Nitroaniline	138	7.792	7.792	0.000	93	125459	4.00	3.83	
77 4,6-Dinitro-2-methylphenol	198	7.828	7.828	0.000	82	191736	8.00	7.78	
78 N-Nitrosodiphenylamine	169	7.892	7.892	0.000	68	408162	4.00	3.94	
79 1,2-Diphenylhydrazine	77	7.934	7.934	0.000	50	616778	4.00	3.94	
$ 80 2,4,6-Tribromophenol	330	8.010	8.010	0.000	91	78209	4.00	3.91	
81 4-Bromophenyl phenyl ether	248	8.245	8.245	0.000	84	149576	4.00	3.89	
82 Hexachlorobenzene	284	8.310	8.310	0.000	97	162822	4.00	3.74	
83 Atrazine	200	8.398	8.398	0.000	91	122858	3.20	3.30	
84 Pentachlorophenol	266	8.492	8.492	0.000	91	193612	8.00	7.57	
85 Pentachloronitrobenzene	237	8.504	8.504	0.000	86	79899	4.00	3.98	
87 n-Octadecane	57	8.581	8.581	0.000	96	438862	4.00	3.95	
* 88 Phenanthrene-d10	188	8.663	8.663	0.000	99	1509680	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.686	8.686	0.000	97	804998	4.00	3.88	
90 Anthracene	178	8.734	8.734	0.000	99	823658	4.00	3.93	
91 Carbazole	167	8.881	8.881	0.000	96	699303	4.00	3.94	
92 Di-n-butyl phthalate	149	9.222	9.222	0.000	99	789110	4.00	3.85	
93 Fluoranthene	202	9.804	9.804	0.000	98	789830	4.00	3.89	
94 Benzidine	184	9.928	9.928	0.000	99	414515	4.00	3.89	
95 Pyrene	202	10.016	10.016	0.000	97	779877	4.00	3.84	
96 Bisphenol-A	213	10.063	10.063	0.000	97	302947	4.00	3.72	
$ 97 Terphenyl-d14	244	10.169	10.169	0.000	98	597517	4.00	3.87	
98 Butyl benzyl phthalate	149	10.663	10.663	0.000	98	291918	4.00	3.81	
100 Carbamazepine	193	10.763	10.763	0.000	91	229276	4.00	3.66	
101 3,3'-Dichlorobenzidine	252	11.227	11.227	0.000	99	230520	4.00	4.07	
102 Benzo[a]anthracene	228	11.251	11.251	0.000	98	647008	4.00	3.76	
* 103 Chrysene-d12	240	11.263	11.263	0.000	100	1066997	8.00	8.00	
104 Chrysene	228	11.292	11.292	0.000	98	597647	4.00	3.65	
105 Bis(2-ethylhexyl) phthalate	149	11.316	11.316	0.000	88	410982	4.00	4.01	
106 Di-n-octyl phthalate	149	12.127	12.127	0.000	97	652092	4.00	3.75	
107 Benzo[b]fluoranthene	252	12.598	12.598	0.000	98	568923	4.00	3.93	
108 Benzo[k]fluoranthene	252	12.633	12.633	0.000	99	597174	4.00	4.06	
109 Benzo[a]pyrene	252	13.039	13.039	0.000	97	547474	4.00	4.15	
* 110 Perylene-d12	264	13.121	13.121	0.000	98	938533	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.639	14.639	0.000	99	466609	4.00	4.03	
112 Dibenz(a,h)anthracene	278	14.680	14.680	0.000	98	469471	4.00	3.87	
113 Benzo[g,h,i]perylene	276	15.057	15.057	0.000	98	488663	4.00	3.88	
S 123 Total Cresols	1				0			8.11	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_BNAL6_LVI_00005 Amount Added: 1.00 Units: mL

Report Date: 08-Mar-2022 12:34:23 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186570.D

Injection Date: 08-Mar-2022 10:21:30 Instrument ID: CBNAMS16 Operator ID:

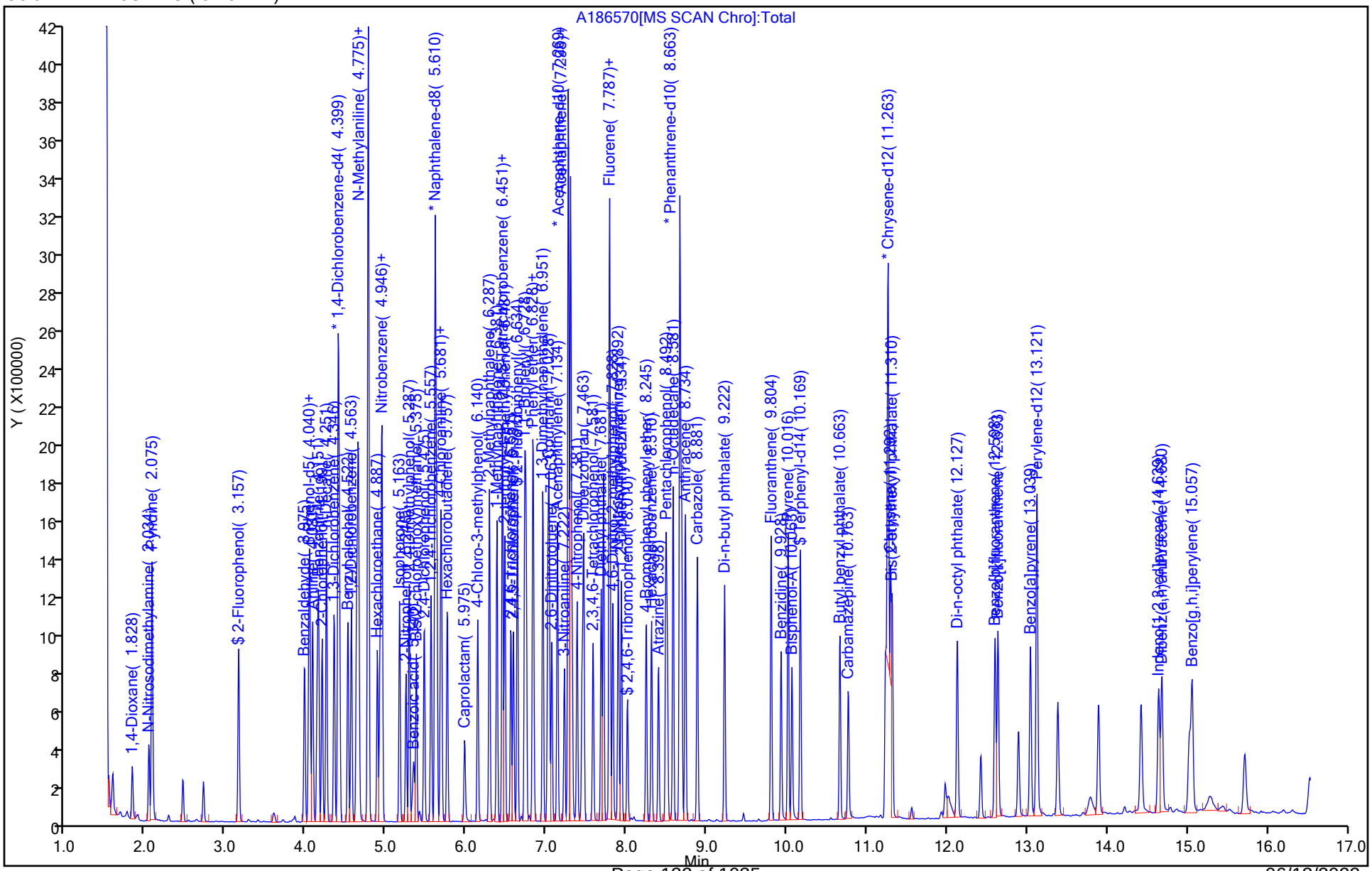
Lims ID: STD4 Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270LVI_16 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186571.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 08-Mar-2022 10:42:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142298-006
Operator ID: Instrument ID: CBNAMS16
Sublist: chrom-8270LVI_16*sub20

Method: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 08-Mar-2022 12:34:26 Calib Date: 08-Mar-2022 12:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186575.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1630

First Level Reviewer: johnstonm1 Date: 08-Mar-2022 11:17:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.828	1.828	0.000	97	61334	2.00	2.06	
2 N-Nitrosodimethylamine	74	2.040	2.034	0.006	73	92240	2.00	2.00	
3 Pyridine	79	2.075	2.075	0.000	82	293111	4.00	4.21	
$ 4 2-Fluorophenol	112	3.157	3.157	0.000	88	131502	2.00	1.79	
5 Benzaldehyde	77	3.975	3.975	0.000	92	131355	2.00	1.87	
$ 6 Phenol-d5	99	4.034	4.034	0.000	0	183988	2.00	1.90	
7 Phenol	94	4.046	4.046	0.000	97	197070	2.00	2.01	
8 Aniline	93	4.081	4.081	0.000	99	244394	2.00	2.02	
9 Bis(2-chloroethyl)ether	93	4.134	4.134	0.000	94	155784	2.00	2.06	
10 Benzonitrile	103	4.151	4.151	0.000	99	285170	NC	NC	
11 2-Chlorophenol	128	4.199	4.199	-0.001	92	159357	2.00	2.07	
12 n-Decane	43	4.251	4.251	0.000	93	216465	2.00	2.06	
13 1,3-Dichlorobenzene	146	4.346	4.346	0.000	94	176127	2.00	2.03	
* 14 1,4-Dichlorobenzene-d4	152	4.399	4.399	0.000	98	445375	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.416	4.416	0.000	92	174456	2.00	2.01	
16 Benzyl alcohol	108	4.522	4.522	0.000	88	92263	2.00	1.93	
18 1,2-Dichlorobenzene	146	4.563	4.563	0.000	93	166912	2.00	2.05	
19 2-Methylphenol	108	4.628	4.628	0.000	87	137660	2.00	2.06	
20 2,2'-oxybis[1-chloropropane]	45	4.657	4.657	0.000	91	249945	2.00	2.09	
21 N-Methylaniline	106	4.769	4.769	0.000	91	245004	2.00	1.98	
24 3 & 4 Methylphenol	108	4.775	4.775	0.000	0	150750	2.00	1.95	
25 4-Methylphenol	108	4.775	4.775	0.000	72	150750	2.00	1.95	
23 Acetophenone	105	4.775	4.775	0.000	84	222643	2.00	2.01	
22 N-Nitrosodi-n-propylamine	70	4.775	4.775	0.000	94	123566	2.00	2.12	
27 Hexachloroethane	117	4.887	4.887	0.000	89	64726	2.00	1.97	
$ 28 Nitrobenzene-d5	82	4.922	4.922	0.000	93	176444	2.00	1.82	
29 Nitrobenzene	123	4.940	4.940	0.000	92	75991	2.00	2.03	
30 n,n'-Dimethylaniline	120	4.946	4.946	0.000	94	232180	2.00	1.87	
31 Isophorone	82	5.163	5.163	0.000	98	310856	2.00	2.08	
32 2-Nitrophenol	139	5.246	5.246	0.000	81	78207	2.00	1.97	
33 2,4-Dimethylphenol	122	5.287	5.287	0.000	88	135295	2.00	2.05	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.328	5.340	-0.012	86	42987	2.00	1.75	
34 Bis(2-chloroethoxy)methane	93	5.375	5.375	0.000	97	176835	2.00	2.00	
36 2,4-Dichlorophenol	162	5.475	5.475	0.000	93	127795	2.00	2.01	
37 1,2,4-Trichlorobenzene	180	5.557	5.557	0.000	95	133787	2.00	1.99	
* 38 Naphthalene-d8	136	5.610	5.610	0.000	100	1711176	8.00	8.00	
39 Naphthalene	128	5.628	5.628	0.000	99	460252	2.00	2.04	
40 4-Chloroaniline	127	5.675	5.675	0.000	95	187880	2.00	2.14	
41 2,6-Dichlorophenol	162	5.687	5.687	0.000	94	127131	2.00	2.04	
43 Hexachlorobutadiene	225	5.757	5.763	-0.006	93	85858	2.00	1.99	
44 Caprolactam	113	5.969	5.975	-0.006	87	31138	2.00	1.83	
45 4-Chloro-3-methylphenol	107	6.140	6.140	0.000	96	130352	2.00	2.04	
46 2-Methylnaphthalene	142	6.287	6.287	0.000	82	305433	2.00	2.02	
47 1-Methylnaphthalene	142	6.381	6.381	0.000	92	279228	2.00	2.05	
49 1,2,4,5-Tetrachlorobenzene	216	6.451	6.451	0.000	95	142244	2.00	2.02	
48 Hexachlorocyclopentadiene	237	6.445	6.451	-0.006	97	104035	2.00	1.90	
50 2-tertbutyl-4-methylphenol	149	6.481	6.481	0.000	89	186248	2.00	1.95	
51 2,4,6-Trichlorophenol	196	6.551	6.557	-0.006	85	87860	2.00	1.93	
52 2,4,5-Trichlorophenol	196	6.587	6.587	0.000	96	101304	2.00	2.07	
$ 53 2-Fluorobiphenyl	172	6.634	6.634	0.000	97	316663	2.00	1.82	
54 1,1'-Biphenyl	154	6.728	6.728	0.000	96	374000	2.00	2.02	
55 2-Chloronaphthalene	162	6.745	6.745	0.000	96	275562	2.00	2.02	
56 Phenyl ether	170	6.828	6.828	0.000	90	189173	2.00	1.89	
57 2-Nitroaniline	65	6.834	6.834	0.000	94	112934	2.00	2.01	
58 1,3-Dimethylnaphthalene	156	6.951	6.951	0.000	89	208347	2.00	1.84	
59 Dimethyl phthalate	163	7.016	7.016	0.000	99	313582	2.00	2.08	
60 Coumarin	146	7.028	7.028	0.000	79	91546	2.00	1.99	
61 2,6-Dinitrotoluene	165	7.063	7.063	0.000	92	72217	2.00	2.16	
62 Acenaphthylene	152	7.134	7.134	0.000	98	433955	2.00	2.02	
63 3-Nitroaniline	138	7.222	7.222	0.000	91	70517	2.00	2.10	
* 64 Acenaphthene-d10	164	7.269	7.269	0.000	99	957397	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.298	7.298	0.000	97	257574	2.00	1.87	
66 Acenaphthene	154	7.298	7.298	0.000	95	309370	2.00	2.02	
67 2,4-Dinitrophenol	184	7.316	7.316	0.000	93	72437	4.00	3.61	
68 4-Nitrophenol	65	7.381	7.381	0.000	92	112694	4.00	3.86	
69 2,4-Dinitrotoluene	165	7.445	7.445	0.000	88	89324	2.00	2.02	
70 Dibenzofuran	168	7.463	7.463	0.000	95	393052	2.00	2.04	
71 2,3,4,6-Tetrachlorophenol	232	7.581	7.581	0.000	92	74090	2.00	2.00	
72 Diethyl phthalate	149	7.681	7.681	0.000	97	308093	2.00	2.10	
74 4-Chlorophenyl phenyl ether	204	7.787	7.787	0.000	83	149042	2.00	1.99	
73 Fluorene	166	7.781	7.787	-0.006	95	317559	2.00	2.07	
75 4-Nitroaniline	138	7.792	7.792	0.000	94	69502	2.00	2.11	
77 4,6-Dinitro-2-methylphenol	198	7.828	7.828	0.000	82	96535	4.00	3.70	
78 N-Nitrosodiphenylamine	169	7.892	7.892	0.000	69	216729	2.00	1.98	
79 1,2-Diphenylhydrazine	77	7.934	7.934	0.000	50	332544	2.00	2.01	
$ 80 2,4,6-Tribromophenol	330	8.010	8.010	0.000	92	37065	2.00	1.84	
81 4-Bromophenyl phenyl ether	248	8.245	8.245	0.000	86	81064	2.00	1.99	
82 Hexachlorobenzene	284	8.310	8.310	0.000	98	95068	2.00	2.06	
83 Atrazine	200	8.398	8.398	0.000	92	72454	2.00	1.84	
84 Pentachlorophenol	266	8.486	8.492	-0.006	90	97827	4.00	3.62	
85 Pentachloronitrobenzene	237	8.504	8.504	0.000	85	39779	2.00	1.87	
87 n-Octadecane	57	8.581	8.581	0.000	95	230529	2.00	1.96	
* 88 Phenanthrene-d10	188	8.663	8.663	0.000	99	1596503	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.686	8.686	0.000	96	447603	2.00	2.04	
90 Anthracene	178	8.734	8.734	0.000	99	432581	2.00	1.95	
91 Carbazole	167	8.881	8.881	0.000	96	369007	2.00	1.97	
92 Di-n-butyl phthalate	149	9.222	9.222	0.000	99	412062	2.00	1.90	
93 Fluoranthene	202	9.804	9.804	0.000	98	405202	2.00	1.89	
94 Benzidine	184	9.928	9.928	0.000	99	191759	2.00	1.70	
95 Pyrene	202	10.016	10.016	0.000	97	423389	2.00	2.01	
96 Bisphenol-A	213	10.063	10.063	0.000	98	154809	2.00	1.84	
$ 97 Terphenyl-d14	244	10.169	10.169	0.000	98	286616	2.00	1.79	
98 Butyl benzyl phthalate	149	10.663	10.663	0.000	97	151488	2.00	1.91	
100 Carbamazepine	193	10.763	10.763	0.000	92	101823	2.00	1.81	
101 3,3'-Dichlorobenzidine	252	11.227	11.227	0.000	98	104632	2.00	1.78	
102 Benzo[a]anthracene	228	11.251	11.251	0.000	98	347027	2.00	1.95	
* 103 Chrysene-d12	240	11.263	11.263	0.000	100	1105489	8.00	8.00	
104 Chrysene	228	11.292	11.292	0.000	98	321434	2.00	1.89	
105 Bis(2-ethylhexyl) phthalate	149	11.316	11.316	0.000	89	206195	2.00	1.94	
106 Di-n-octyl phthalate	149	12.127	12.127	0.000	97	337991	2.00	1.89	
107 Benzo[b]fluoranthene	252	12.598	12.598	0.000	98	305927	2.00	2.05	
108 Benzo[k]fluoranthene	252	12.633	12.633	0.000	99	301033	2.00	1.99	
109 Benzo[a]pyrene	252	13.039	13.039	0.000	98	278742	2.00	2.05	
* 110 Perylene-d12	264	13.121	13.121	0.000	98	966667	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.639	14.639	0.000	99	234348	2.00	1.96	
112 Dibenz(a,h)anthracene	278	14.674	14.680	-0.006	95	245602	2.00	1.97	
113 Benzo[g,h,i]perylene	276	15.051	15.057	-0.006	98	249005	2.00	1.92	
S 123 Total Cresols	1				0			4.01	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_BNAL5_LVI_00004 Amount Added: 1.00 Units: mL

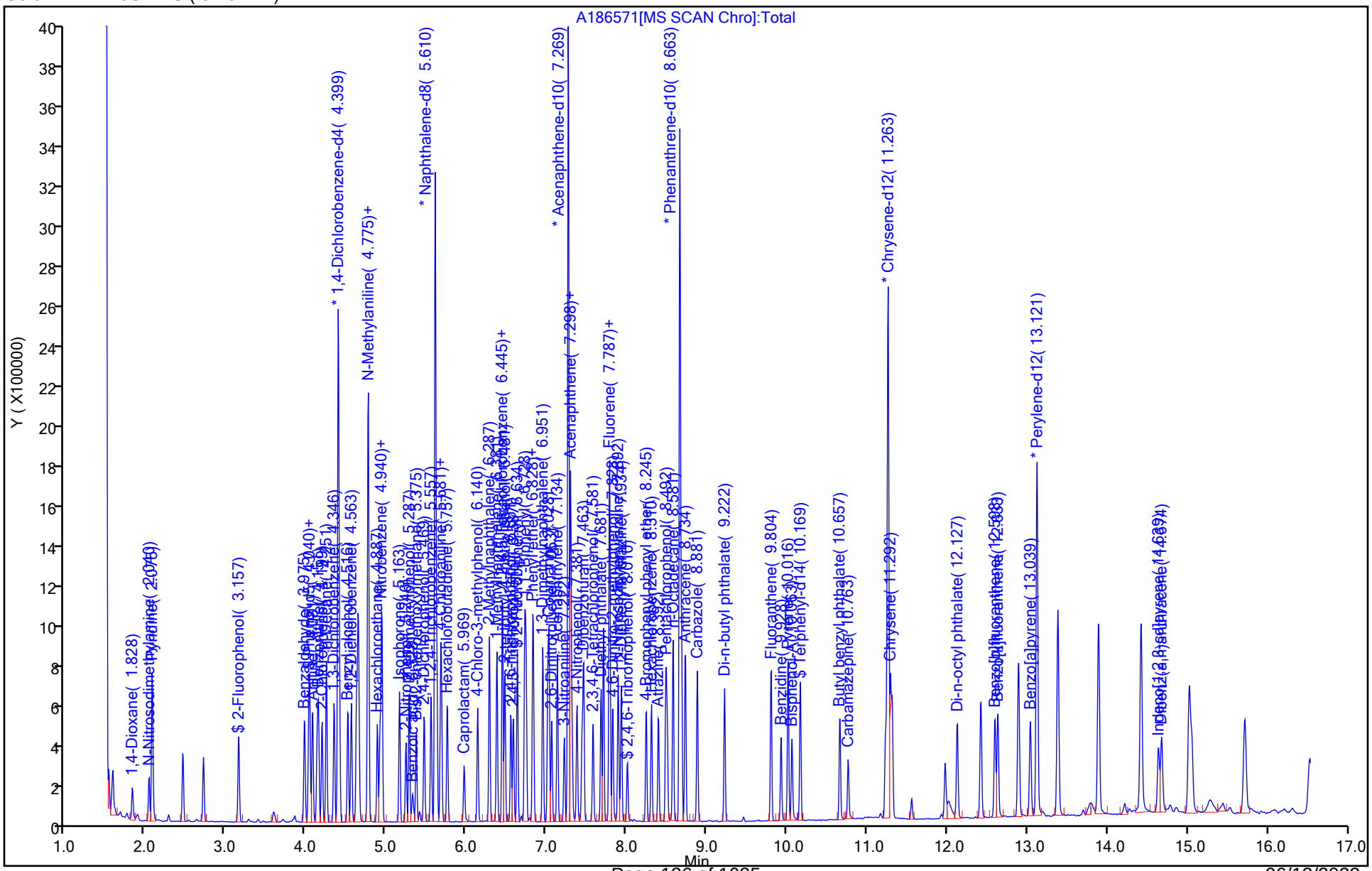
Report Date: 08-Mar-2022 12:34:29 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186571.D

Injection Date:	08-Mar-2022 10:42:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	STD2			Worklist Smp#:	6
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186572.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 08-Mar-2022 11:03:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142298-007
Operator ID: Instrument ID: CBNAMS16
Sublist: chrom-8270LVI_16*sub20

Method: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 08-Mar-2022 12:34:32 Calib Date: 08-Mar-2022 12:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186575.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1630

First Level Reviewer: johnstonm1 Date: 08-Mar-2022 11:40:41

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.828	1.828	0.000	98	33106	1.00	1.05	
2 N-Nitrosodimethylamine	74	2.034	2.034	0.000	76	49750	1.00	1.02	
3 Pyridine	79	2.075	2.075	0.000	82	148493	2.00	2.02	
$ 4 2-Fluorophenol	112	3.157	3.157	0.000	90	74372	1.00	0.9537	
5 Benzaldehyde	77	3.975	3.975	0.000	90	71477	1.00	0.9624	
$ 6 Phenol-d5	99	4.028	4.034	-0.006	0	96962	1.00	0.9441	
7 Phenol	94	4.046	4.046	0.000	98	102195	1.00	0.9838	
8 Aniline	93	4.081	4.081	0.000	98	130801	1.00	1.02	
9 Bis(2-chloroethyl)ether	93	4.134	4.134	0.000	95	82617	1.00	1.03	
10 Benzonitrile	103	4.151	4.151	0.000	99	153519	NC	NC	
11 2-Chlorophenol	128	4.198	4.199	-0.001	93	81113	1.00	0.99	
12 n-Decane	43	4.251	4.251	0.000	94	119320	1.00	1.07	
13 1,3-Dichlorobenzene	146	4.346	4.346	0.000	93	97713	1.00	1.07	
* 14 1,4-Dichlorobenzene-d4	152	4.398	4.399	0.000	98	471555	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.416	4.416	0.000	94	93220	1.00	1.01	
16 Benzyl alcohol	108	4.516	4.522	-0.006	89	51730	1.00	1.02	
18 1,2-Dichlorobenzene	146	4.563	4.563	0.000	93	84659	1.00	0.9806	
19 2-Methylphenol	108	4.628	4.628	0.000	85	67454	1.00	0.9535	
20 2,2'-oxybis[1-chloropropane]	45	4.657	4.657	0.000	90	133437	1.00	1.05	
21 N-Methylaniline	106	4.769	4.769	0.000	93	124453	1.00	0.9483	
24 3 & 4 Methylphenol	108	4.775	4.775	0.000	0	80531	1.00	0.9848	
25 4-Methylphenol	108	4.775	4.775	0.000	76	80531	1.00	0.9859	
23 Acetophenone	105	4.775	4.775	0.000	82	113592	1.00	0.9694	
22 N-Nitrosodi-n-propylamine	70	4.775	4.775	0.000	94	62503	1.00	1.01	
27 Hexachloroethane	117	4.887	4.887	0.000	90	33265	1.00	0.9569	
$ 28 Nitrobenzene-d5	82	4.922	4.922	0.000	91	95326	1.00	0.9336	
29 Nitrobenzene	123	4.940	4.940	0.000	90	41069	1.00	1.03	
30 n,n'-Dimethylaniline	120	4.945	4.946	-0.001	95	127177	1.00	0.9693	
31 Isophorone	82	5.163	5.163	0.000	99	163716	1.00	1.04	
32 2-Nitrophenol	139	5.245	5.246	-0.001	78	40204	1.00	0.9651	
33 2,4-Dimethylphenol	122	5.287	5.287	0.000	86	69993	1.00	1.01	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.322	5.340	-0.018	89	17502	1.00	1.07	
34 Bis(2-chloroethoxy)methane	93	5.375	5.375	0.000	96	93517	1.00	1.01	
36 2,4-Dichlorophenol	162	5.469	5.475	-0.006	93	69447	1.00	1.04	
37 1,2,4-Trichlorobenzene	180	5.557	5.557	0.000	94	73850	1.00	1.04	
* 38 Naphthalene-d8	136	5.610	5.610	0.000	100	1798985	8.00	8.00	
39 Naphthalene	128	5.628	5.628	0.000	98	234583	1.00	0.9889	
40 4-Chloroaniline	127	5.675	5.675	0.000	95	97515	1.00	1.06	
41 2,6-Dichlorophenol	162	5.687	5.687	0.000	94	66051	1.00	1.01	
43 Hexachlorobutadiene	225	5.757	5.763	-0.006	92	43525	1.00	0.9580	
44 Caprolactam	113	5.969	5.975	-0.006	85	16565	1.00	0.9264	
45 4-Chloro-3-methylphenol	107	6.140	6.140	0.000	96	69645	1.00	1.04	
46 2-Methylnaphthalene	142	6.287	6.287	0.000	85	164149	1.00	1.03	
47 1-Methylnaphthalene	142	6.381	6.381	0.000	93	151619	1.00	1.06	
49 1,2,4,5-Tetrachlorobenzene	216	6.451	6.451	0.000	94	73755	1.00	0.9501	
48 Hexachlorocyclopentadiene	237	6.445	6.451	-0.006	95	54644	1.00	0.9076	
50 2-tertbutyl-4-methylphenol	149	6.481	6.481	0.000	88	95511	1.00	0.9502	
51 2,4,6-Trichlorophenol	196	6.551	6.557	-0.006	88	47607	1.00	0.9532	
52 2,4,5-Trichlorophenol	196	6.587	6.587	0.000	94	51409	1.00	0.9541	
$ 53 2-Fluorobiphenyl	172	6.634	6.634	0.000	96	178704	1.00	0.9345	
54 1,1'-Biphenyl	154	6.728	6.728	0.000	96	193188	1.00	0.9496	
55 2-Chloronaphthalene	162	6.745	6.745	0.000	95	141950	1.00	0.9444	
56 Phenyl ether	170	6.828	6.828	0.000	89	107255	1.00	0.9766	
57 2-Nitroaniline	65	6.834	6.834	0.000	93	60766	1.00	0.9848	
58 1,3-Dimethylnaphthalene	156	6.951	6.951	0.000	91	114658	1.00	0.9183	
59 Dimethyl phthalate	163	7.016	7.016	0.000	97	161343	1.00	0.9709	
60 Coumarin	146	7.028	7.028	0.000	72	47049	1.00	0.9731	
61 2,6-Dinitrotoluene	165	7.063	7.063	0.000	92	35740	1.00	0.9705	
62 Acenaphthylene	152	7.134	7.134	0.000	97	227922	1.00	0.9652	
63 3-Nitroaniline	138	7.222	7.222	0.000	89	31865	1.00	0.8633	
* 64 Acenaphthene-d10	164	7.269	7.269	0.000	98	1052965	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.298	7.298	0.000	96	135126	1.00	0.8924	
66 Acenaphthene	154	7.298	7.298	0.000	96	161545	1.00	0.9580	
67 2,4-Dinitrophenol	184	7.316	7.316	0.000	91	33773	2.00	1.53	
68 4-Nitrophenol	65	7.381	7.381	0.000	94	58979	2.00	1.83	
69 2,4-Dinitrotoluene	165	7.445	7.445	0.000	92	50421	1.00	1.04	
70 Dibenzofuran	168	7.463	7.463	0.000	96	211798	1.00	1.00	
71 2,3,4,6-Tetrachlorophenol	232	7.581	7.581	0.000	91	39655	1.00	0.9713	
72 Diethyl phthalate	149	7.681	7.681	0.000	97	163704	1.00	1.01	
74 4-Chlorophenyl phenyl ether	204	7.786	7.787	-0.001	83	84948	1.00	1.03	
73 Fluorene	166	7.781	7.787	-0.006	95	165447	1.00	0.9820	
75 4-Nitroaniline	138	7.792	7.792	0.000	94	32186	1.00	0.8904	
77 4,6-Dinitro-2-methylphenol	198	7.828	7.828	0.000	84	52226	2.00	1.84	
78 N-Nitrosodiphenylamine	169	7.892	7.892	0.000	70	113668	1.00	0.9541	
79 1,2-Diphenylhydrazine	77	7.934	7.934	0.000	50	170164	1.00	0.9432	
$ 80 2,4,6-Tribromophenol	330	8.010	8.010	0.000	90	20695	1.00	0.9365	
81 4-Bromophenyl phenyl ether	248	8.245	8.245	0.000	83	40291	1.00	0.9098	
82 Hexachlorobenzene	284	8.310	8.310	0.000	97	49129	1.00	0.9797	
83 Atrazine	200	8.398	8.398	0.000	89	41111	1.00	0.9579	
84 Pentachlorophenol	266	8.492	8.492	0.000	91	51388	2.00	1.74	
85 Pentachloronitrobenzene	237	8.504	8.504	0.000	84	19904	1.00	0.8616	
87 n-Octadecane	57	8.581	8.581	0.000	96	115450	1.00	0.9028	
* 88 Phenanthrene-d10	188	8.663	8.663	0.000	99	1737962	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.686	8.686	0.000	98	234095	1.00	0.9798	
90 Anthracene	178	8.733	8.734	-0.001	99	233226	1.00	0.9676	
91 Carbazole	167	8.881	8.881	-0.001	96	198563	1.00	0.9722	
92 Di-n-butyl phthalate	149	9.222	9.222	0.000	99	221210	1.00	0.9387	
93 Fluoranthene	202	9.804	9.804	0.000	98	218216	1.00	0.9336	
94 Benzidine	184	9.927	9.928	-0.001	99	105473	1.00	0.8606	
95 Pyrene	202	10.016	10.016	0.000	98	236843	1.00	1.05	
96 Bisphenol-A	213	10.063	10.063	0.000	97	81914	1.00	0.9026	
$ 97 Terphenyl-d14	244	10.169	10.169	0.000	98	164428	1.00	0.9538	
98 Butyl benzyl phthalate	149	10.663	10.663	0.000	97	78055	1.00	0.9130	
100 Carbamazepine	193	10.763	10.763	0.000	92	50359	1.00	1.06	
101 3,3'-Dichlorobenzidine	252	11.227	11.227	0.000	98	57274	1.00	0.9067	
102 Benzo[a]anthracene	228	11.251	11.251	0.000	99	177943	1.00	0.9262	
* 103 Chrysene-d12	240	11.263	11.263	0.000	100	1190459	8.00	8.00	
104 Chrysene	228	11.292	11.292	0.000	98	187392	1.00	1.02	
105 Bis(2-ethylhexyl) phthalate	149	11.316	11.316	0.000	90	105742	1.00	0.9241	
106 Di-n-octyl phthalate	149	12.127	12.127	0.000	97	183890	1.00	0.9522	
107 Benzo[b]fluoranthene	252	12.598	12.598	0.000	98	161232	1.00	1.00	
108 Benzo[k]fluoranthene	252	12.633	12.633	0.000	99	159560	1.00	0.9758	
109 Benzo[a]pyrene	252	13.039	13.039	0.000	98	152333	1.00	1.04	
* 110 Perylene-d12	264	13.121	13.121	0.000	99	1042765	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.633	14.639	-0.006	98	118363	1.00	0.9197	
112 Dibenz(a,h)anthracene	278	14.674	14.680	-0.006	95	133507	1.00	0.99	
113 Benzo[g,h,i]perylene	276	15.051	15.057	-0.006	97	134401	1.00	0.9603	
S 123 Total Cresols	1				0			1.94	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_BNAL4_LVI_00004 Amount Added: 1.00 Units: mL

Report Date: 08-Mar-2022 12:34:34 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186572.D

Injection Date: 08-Mar-2022 11:03:30 Instrument ID: CBNAMS16 Operator ID:

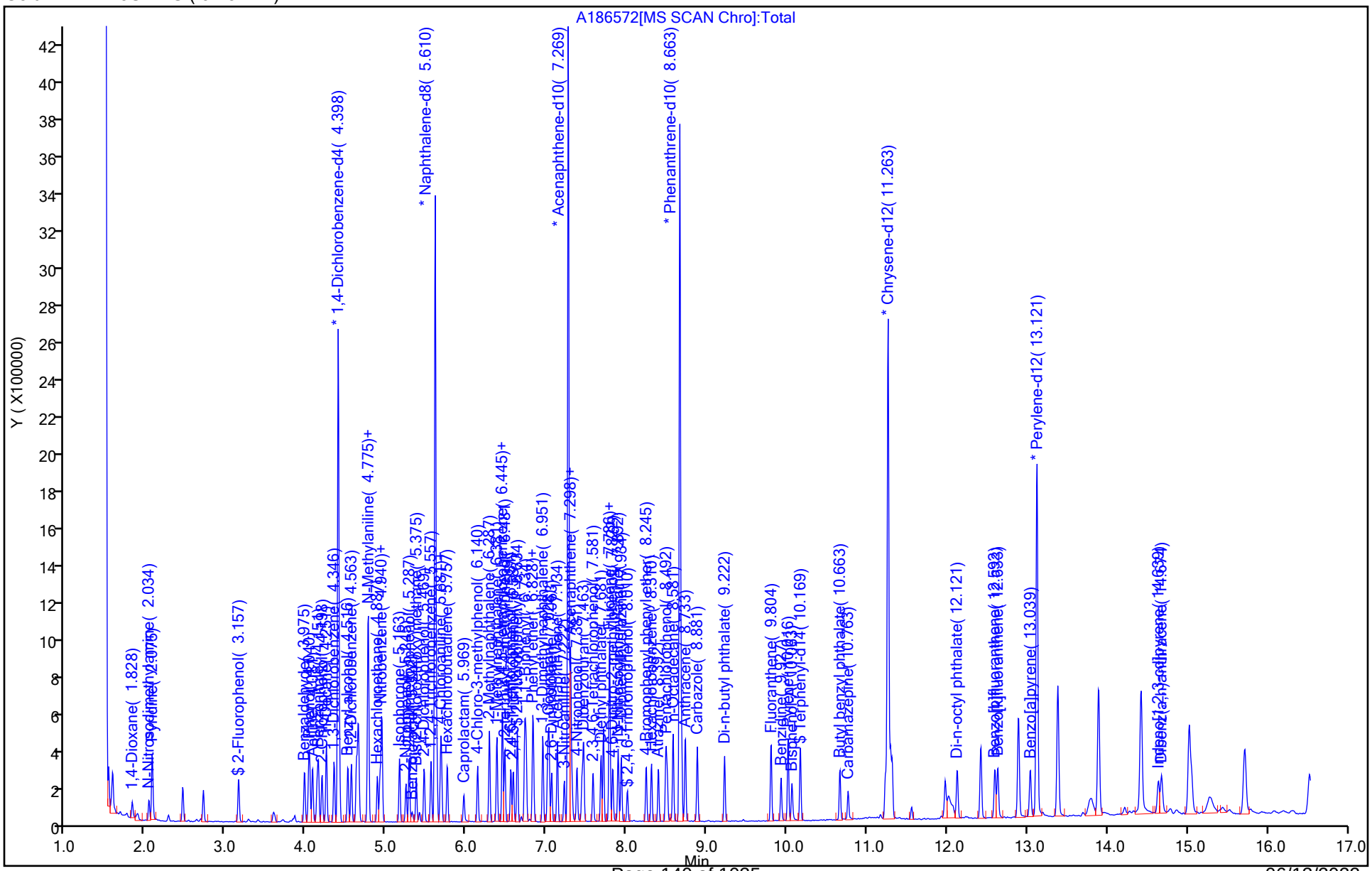
Lims ID: STD1 Worklist Smp#: 7

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8270LVI_16 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186573.D
Lims ID: STD04
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 08-Mar-2022 11:24:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142298-008
Operator ID: Instrument ID: CBNAMS16
Sublist: chrom-8270LVI_16*sub20

Method: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 08-Mar-2022 12:34:36 Calib Date: 08-Mar-2022 12:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186575.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1630

First Level Reviewer: johnstonm1 Date: 08-Mar-2022 11:51:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.975	3.975	0.000	92	30522	0.4000	0.4044	
* 14 1,4-Dichlorobenzene-d4	152	4.398	4.399	0.000	98	479240	8.00	8.00	
* 38 Naphthalene-d8	136	5.610	5.610	0.000	100	1848909	8.00	8.00	
44 Caprolactam	113	5.963	5.975	-0.012	84	5438	0.4000	0.2959	
* 64 Acenaphthene-d10	164	7.269	7.269	0.000	99	1047879	8.00	8.00	
83 Atrazine	200	8.392	8.398	-0.006	90	15591	0.4000	0.3519	
* 88 Phenanthrene-d10	188	8.663	8.663	0.000	99	1794054	8.00	8.00	
* 103 Chrysene-d12	240	11.263	11.263	0.000	99	1114944	8.00	8.00	
* 110 Perylene-d12	264	13.121	13.121	0.000	99	1002298	8.00	8.00	

QC Flag Legend
Processing Flags

Reagents:
SV_BNAL3_LVI_00004 Amount Added: 1.00 Units: mL

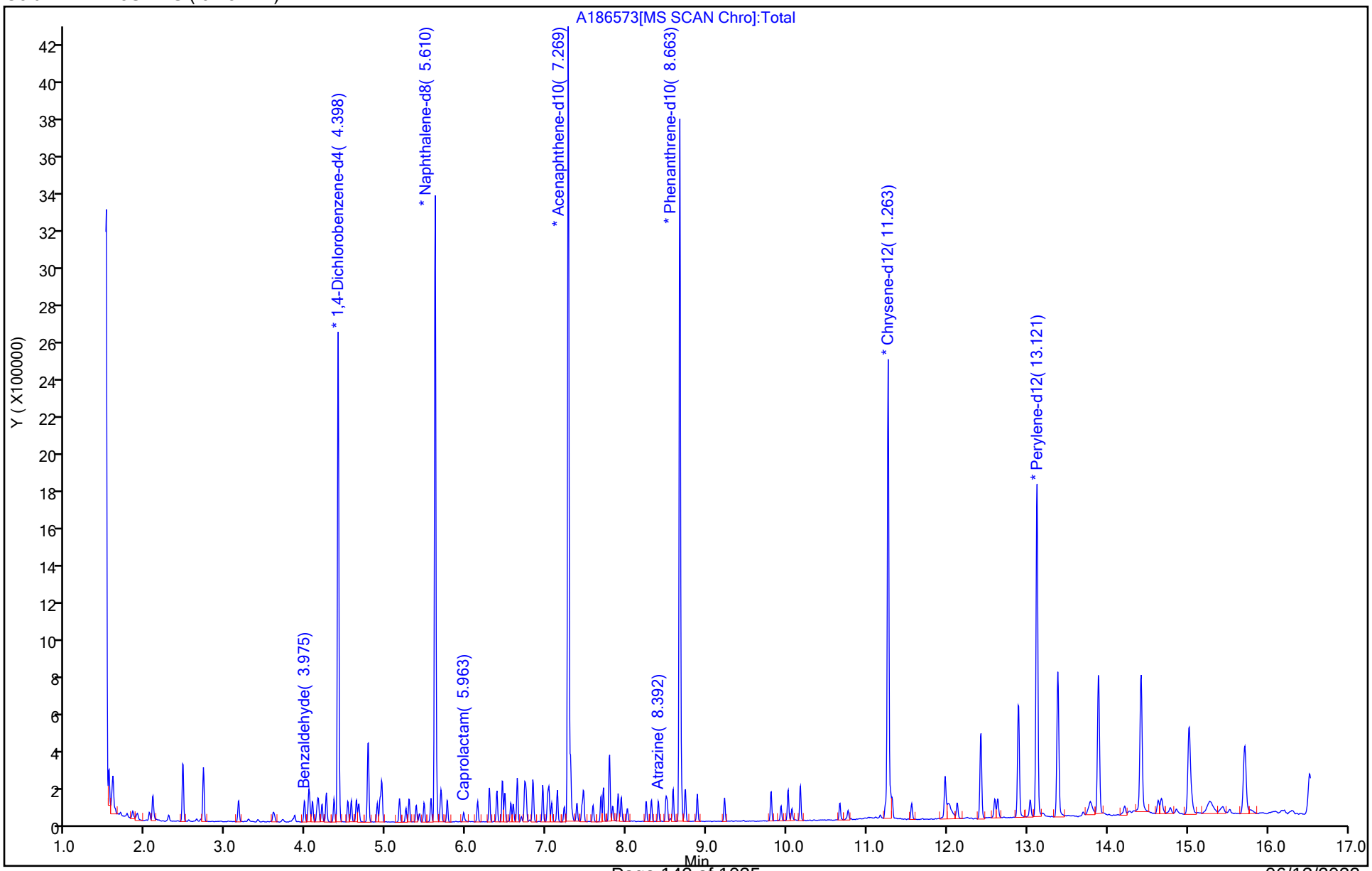
Report Date: 08-Mar-2022 12:34:37 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186573.D

Injection Date:	08-Mar-2022 11:24:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	STD04			Worklist Smp#:	8
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186574.D
Lims ID: STD02
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 08-Mar-2022 11:45:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142382-009
Operator ID: Instrument ID: CBNAMS16
Sublist: chrom-8270LVI_16*sub20

Method: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 08-Mar-2022 12:34:39 Calib Date: 08-Mar-2022 12:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186575.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1630

First Level Reviewer: johnstonm1 Date: 08-Mar-2022 12:05:04

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
3 Pyridine	79	2.087	2.075	0.012	80	26231	0.4000	0.3712	a
$ 4 2-Fluorophenol	112	3.157	3.157	0.000	90	16471	0.2000	0.2201	
5 Benzaldehyde	77	3.975	3.975	0.000	88	15423	0.2000	0.2164	
$ 6 Phenol-d5	99	4.028	4.034	-0.006	0	22847	0.2000	0.2318	
9 Bis(2-chloroethyl)ether	93	4.134	4.134	0.000	79	14850	0.2000	0.1935	
* 14 1,4-Dichlorobenzene-d4	152	4.398	4.399	0.000	98	452502	8.00	8.00	
21 N-Methylaniline	106	4.769	4.769	0.000	63	24549	0.2000	0.1949	
22 N-Nitrosodi-n-propylamine	70	4.775	4.775	0.000	70	9904	0.2000	0.1669	
27 Hexachloroethane	117	4.887	4.887	0.000	83	7015	0.2000	0.2103	
$ 28 Nitrobenzene-d5	82	4.922	4.922	0.000	87	19601	0.2000	0.1982	
29 Nitrobenzene	123	4.940	4.940	0.000	86	7221	0.2000	0.1894	
30 n,n'-Dimethylaniline	120	4.946	4.946	0.000	80	26651	0.2000	0.2117	
31 Isophorone	82	5.163	5.163	0.000	97	28799	0.2000	0.1891	
37 1,2,4-Trichlorobenzene	180	5.557	5.557	0.000	84	11958	0.2000	0.1744	
* 38 Naphthalene-d8	136	5.610	5.610	0.000	100	1742356	8.00	8.00	
39 Naphthalene	128	5.628	5.628	0.000	77	47400	0.2000	0.2063	
40 4-Chloroaniline	127	5.675	5.675	0.000	79	17487	0.2000	0.1959	
43 Hexachlorobutadiene	225	5.757	5.763	-0.006	81	8650	0.2000	0.1966	
44 Caprolactam	113	5.963	5.975	-0.012	82	4298	0.2000	0.2482	
46 2-Methylnaphthalene	142	6.287	6.287	0.000	84	31134	0.2000	0.2023	
47 1-Methylnaphthalene	142	6.381	6.381	0.000	86	25672	0.2000	0.1849	
50 2-tertbutyl-4-methylphenol	149	6.481	6.481	0.000	62	18467	0.2000	0.1897	
51 2,4,6-Trichlorophenol	196	6.551	6.557	-0.006	81	8804	0.2000	0.1884	
$ 53 2-Fluorobiphenyl	172	6.634	6.634	0.000	94	40713	0.2000	0.2276	
61 2,6-Dinitrotoluene	165	7.063	7.063	0.000	7	6045	0.2000	0.1755	
* 64 Acenaphthene-d10	164	7.269	7.269	0.000	99	985007	8.00	8.00	
69 2,4-Dinitrotoluene	165	7.445	7.445	0.000	83	8603	0.2000	0.1892	
$ 80 2,4,6-Tribromophenol	330	8.010	8.010	0.000	48	3839	0.2000	0.1857	
82 Hexachlorobenzene	284	8.310	8.310	0.000	85	9630	0.2000	0.1962	
83 Atrazine	200	8.392	8.398	-0.006	63	7471	0.2000	0.1778	
* 88 Phenanthrene-d10	188	8.663	8.663	0.000	99	1701310	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
95 Pyrene	202	10.016	10.016	0.000	98	40531	0.2000	0.1915	
$ 97 Terphenyl-d14	244	10.169	10.169	0.000	93	34564	0.2000	0.2147	
101 3,3'-Dichlorobenzidine	252	11.227	11.227	0.000	78	9385	0.2000	0.1591	
102 Benzo[a]anthracene	228	11.251	11.251	0.000	47	35562	0.2000	0.1982	
* 103 Chrysene-d12	240	11.263	11.263	0.000	100	1111932	8.00	8.00	
104 Chrysene	228	11.292	11.292	0.000	72	35894	0.2000	0.2102	
105 Bis(2-ethylhexyl) phthalate	149	11.310	11.316	-0.006	57	17293	0.2000	0.1618	
107 Benzo[b]fluoranthene	252	12.592	12.598	-0.006	94	28844	0.2000	0.1889	
108 Benzo[k]fluoranthene	252	12.627	12.633	-0.006	86	30737	0.2000	0.1978	
109 Benzo[a]pyrene	252	13.039	13.039	0.000	89	26490	0.2000	0.1901	
* 110 Perylene-d12	264	13.121	13.121	0.000	99	990952	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.633	14.639	-0.006	93	23261	0.2000	0.1902	
112 Dibenz(a,h)anthracene	278	14.674	14.680	-0.006	71	24416	0.2000	0.1906	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL2_LVI_00003 Amount Added: 1.00 Units: mL

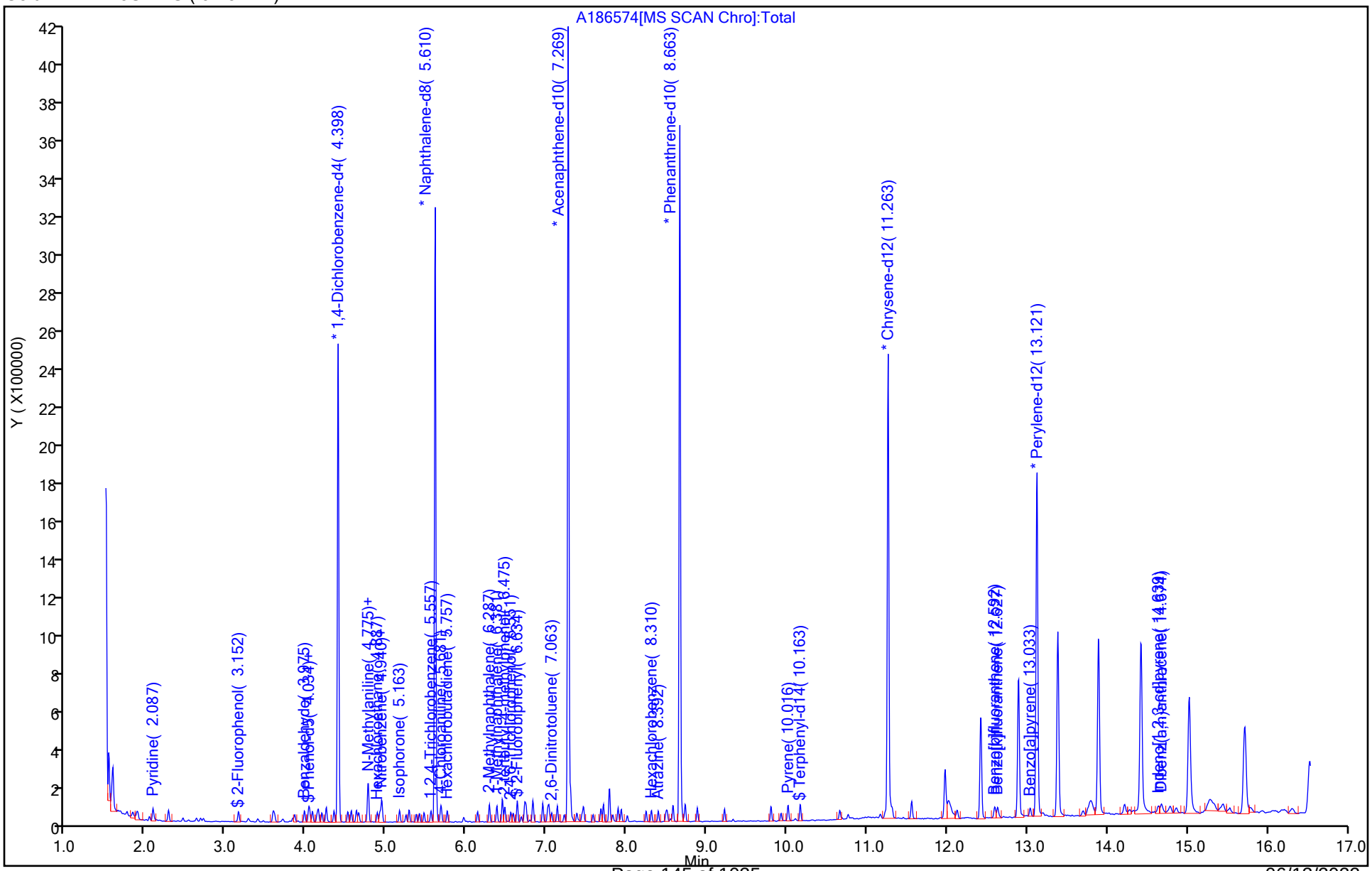
Report Date: 08-Mar-2022 12:34:41 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186574.D

Injection Date:	08-Mar-2022 11:45:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	STD02			Worklist Smp#:	9
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186575.D
Lims ID: STD01
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 08-Mar-2022 12:06:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142382-010
Operator ID: Instrument ID: CBNAMS16
Sublist: chrom-8270LVI_16*sub20

Method: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 08-Mar-2022 12:34:43 Calib Date: 08-Mar-2022 12:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186575.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1630

First Level Reviewer: johnstonm1 Date: 08-Mar-2022 12:26:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
3 Pyridine	79	2.093	2.075	0.018	80	13843	0.2000	0.1893	M
$ 6 Phenol-d5	99	4.028	4.034	-0.006	0	10026	0.1000	0.0983	
9 Bis(2-chloroethyl)ether	93	4.134	4.134	0.000	85	8438	0.1000	0.1062	
* 14 1,4-Dichlorobenzene-d4	152	4.398	4.399	0.000	98	468328	8.00	8.00	
21 N-Methylaniline	106	4.769	4.769	0.000	69	13233	0.1000	0.1015	
22 N-Nitrosodi-n-propylamine	70	4.781	4.775	0.006	72	6145	0.1000	0.1001	
27 Hexachloroethane	117	4.887	4.887	0.000	77	3382	0.1000	0.0980	
$ 28 Nitrobenzene-d5	82	4.922	4.922	0.000	85	12612	0.1000	0.1247	
29 Nitrobenzene	123	4.940	4.940	0.000	81	3879	0.1000	0.0983	
30 n,n'-Dimethylaniline	120	4.945	4.946	-0.001	73	13532	0.1000	0.1039	
37 1,2,4-Trichlorobenzene	180	5.557	5.557	0.000	71	6827	0.1000	0.0974	
* 38 Naphthalene-d8	136	5.610	5.610	0.000	100	1781904	8.00	8.00	
39 Naphthalene	128	5.628	5.628	0.000	62	22966	0.1000	0.0977	
40 4-Chloroaniline	127	5.681	5.675	0.006	71	7467	0.1000	0.0818	
43 Hexachlorobutadiene	225	5.757	5.763	-0.006	72	4442	0.1000	0.0987	
$ 53 2-Fluorobiphenyl	172	6.634	6.634	0.000	87	17937	0.1000	0.0971	
* 64 Acenaphthene-d10	164	7.269	7.269	0.000	98	1017306	8.00	8.00	
82 Hexachlorobenzene	284	8.310	8.310	0.000	65	5110	0.1000	0.1039	
* 88 Phenanthrene-d10	188	8.663	8.663	0.000	99	1704845	8.00	8.00	
$ 97 Terphenyl-d14	244	10.169	10.169	0.000	84	16982	0.1000	0.1072	
102 Benzo[a]anthracene	228	11.251	11.251	0.000	48	21487	0.1000	0.1217	
* 103 Chrysene-d12	240	11.263	11.263	0.000	100	1093890	8.00	8.00	
107 Benzo[b]fluoranthene	252	12.592	12.598	-0.006	87	12798	0.1000	0.0843	
108 Benzo[k]fluoranthene	252	12.627	12.633	-0.006	68	13915	0.1000	0.0901	
109 Benzo[a]pyrene	252	13.039	13.039	0.000	77	9880	0.1000	0.0713	
* 110 Perylene-d12	264	13.121	13.121	0.000	98	984804	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.633	14.639	-0.006	72	10735	0.1000	0.0883	
112 Dibenz(a,h)anthracene	278	14.674	14.680	-0.006	30	11921	0.1000	0.0936	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SV_BNAL1_LVI_00003 Amount Added: 1.00 Units: mL

Report Date: 08-Mar-2022 12:34:45 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186575.D

Injection Date: 08-Mar-2022 12:06:30 Instrument ID: CBNAMS16 Operator ID:

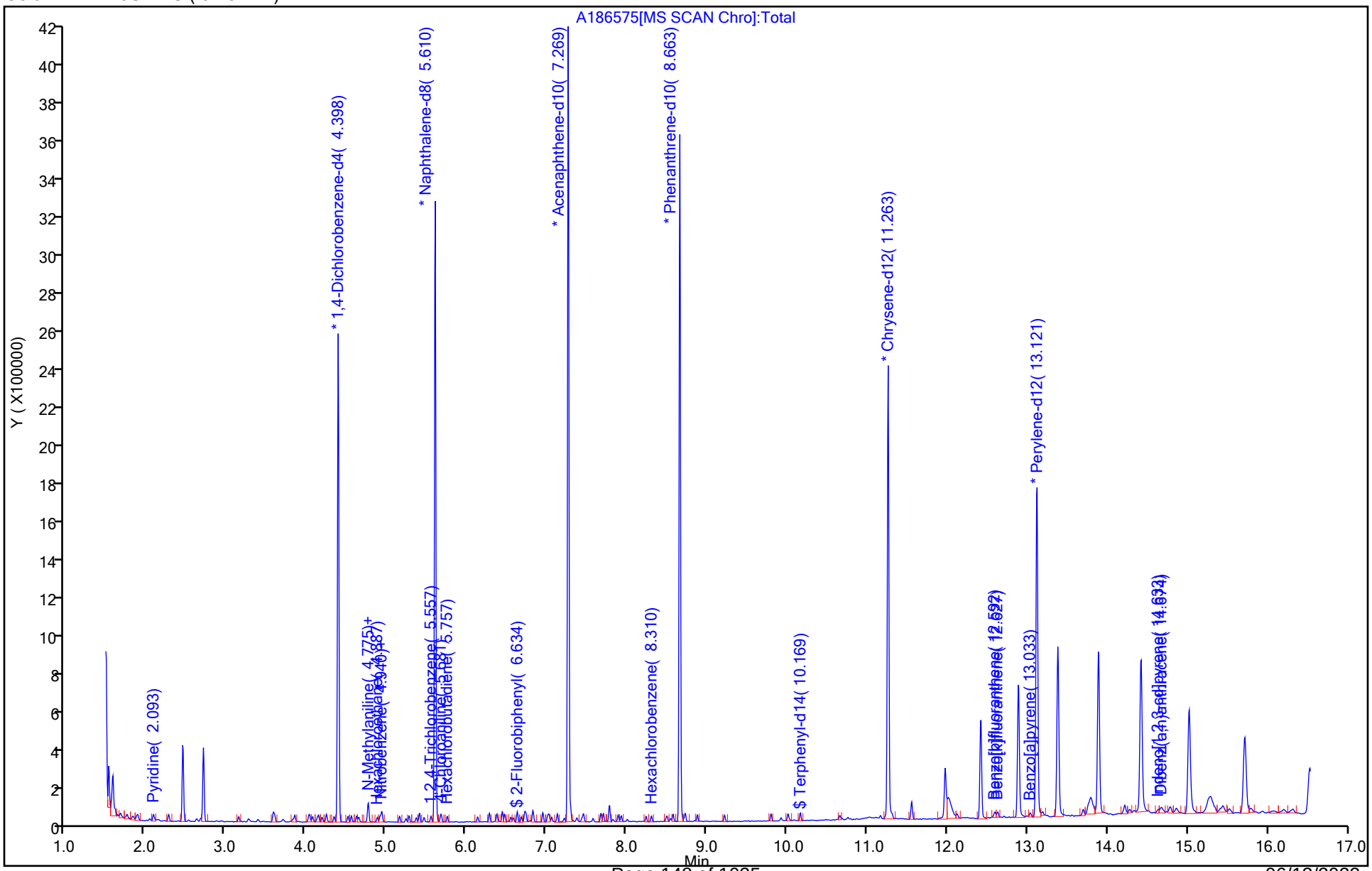
Lims ID: STD01 Worklist Smp#: 10

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 10

Method: 8270LVI_16 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 832677

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2022 10:44 Calibration End Date: 03/10/2022 13:32 Calibration ID: 89540

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-832677/10	M234663.D
Level 2	STD02 460-832677/9	M234662.D
Level 3	STD04 460-832677/8	M234661.D
Level 4	STD1 460-832677/7	M234660.D
Level 5	STD2 460-832677/6	M234659.D
Level 6	STD4 460-832677/5	M234658.D
Level 7	ICIS 460-832677/2	M234655.D
Level 8	STD16 460-832677/4	M234657.D
Level 9	STD24 460-832677/3	M234656.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.5215	0.4899	0.5028	0.6764 0.4642	0.5931	Ave		0.5413			0.0100	14.6		20.0			
N-Nitrosodimethylamine	0.7470	0.7566	0.7544	0.7914 0.7453	0.7991	Ave		0.7656			0.0100	3.1		20.0			
Pyridine	1.1563 1.1683	1.1091 1.1229	1.2030	1.2783 1.1759	1.2428	Ave		1.1821			0.0100	4.9		20.0			
Benzaldehyde	1.0794	1.2192 +++++	1.1688 +++++	1.1227 +++++	1.0934	Ave		1.1367			0.0100	5.1		20.0			
Phenol	1.6045	1.6175	1.6480	1.6874 1.6165	1.6674	Ave		1.6402			0.8000	2.0		20.0			
Aniline	1.8894	1.8916	1.9339	2.0672 1.9062	1.9693	Ave		1.9429			0.0100	3.5		20.0			
Bis(2-chloroethyl)ether	1.1263 1.1616	1.2238 1.1935	1.1976	1.2524 1.1648	1.2309	Ave		1.1939			0.7000	3.5		20.0			
2-Chlorophenol	1.3105	1.3417	1.3687	1.3534 1.3318	1.3921	Ave		1.3497			0.8000	2.1		20.0			
n-Decane	1.9219	1.9377	1.9089	2.0739 1.8576	2.0551	Ave		1.9592			0.0100	4.4		20.0			
1,3-Dichlorobenzene	1.5333	1.5577	1.5696	1.6517 1.5180	1.6291	Ave		1.5766			0.0100	3.4		20.0			
1,4-Dichlorobenzene	1.5613	1.5651	1.6090	1.6583 1.5435	1.6326	Ave		1.5950			0.0100	2.8		20.0			
Benzyl alcohol	0.8025	0.8492	0.8436	0.8585 0.8230	0.8431	Ave		0.8366			0.0100	2.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 832677

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2022 10:44 Calibration End Date: 03/10/2022 13:32 Calibration ID: 89540

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	1.4894	1.4875	1.5068	1.5696 1.4657	1.5752	Ave		1.5157			0.0100	3.0		20.0			
2-Methylphenol	1.1198	1.1803	1.1836	1.2124 1.1459	1.2224	Ave		1.1774			0.7000	3.3		20.0			
2,2'-oxybis[1-chloropropane]	2.4426	2.5912	2.4873	2.6702 2.4103	2.6407	Ave		2.5404			0.0100	4.3		20.0			
N-Methylaniline	2.0171 2.0901	1.9698 1.9441	2.1048	2.0950 2.0783	2.0544	Ave		2.0442			0.0100	3.0		20.0			
Acetophenone	1.7595	1.7920	1.7686	1.9274 1.7339	1.8563	Ave		1.8063			0.0100	4.0		20.0			
3 & 4 Methylphenol	1.2701	1.2890	1.3240	1.3704 1.2888	1.3681	Ave		1.3184			0.0100	3.3		20.0			
4-Methylphenol	1.2701	1.2890	1.3190	1.3704 1.2833	1.3681	Ave		1.3167			0.6000	3.3		20.0			
N-Nitrosodi-n-propylamine	0.9231 0.8437	0.8552 0.8802	0.8805	0.9255 0.8666	0.9003	Ave		0.8844			0.5000	3.4		20.0			
Hexachloroethane	0.5380 0.5924	0.6186 0.5983	0.6072	0.6546 0.5865	0.6227	Ave		0.6023			0.3000	5.6		20.0			
Nitrobenzene	0.4030 0.5877	0.4929 0.6027	0.6242	0.6050 0.6038	0.5936	Ave		0.5641			0.2000	13.5		20.0			
n,n'-Dimethylaniline	2.1459 1.9631	2.1047 2.0008	2.0014	1.9931 1.9858	1.9412	Ave		2.0170			0.0100	3.5		20.0			
Isophorone	0.6386	0.6361 0.6532	0.6412	0.6676 0.6361	0.6718	Ave		0.6492			0.4000	2.3		20.0			
2-Nitrophenol	0.1450	0.1458	0.1622	0.1263 0.1590	0.1424	Ave		0.1468			0.1000	8.8		20.0			
2,4-Dimethylphenol	0.2973	0.3016	0.3040	0.3054 0.2973	0.3083	Ave		0.3023			0.2000	1.5		20.0			
Benzoic acid	0.0919	0.1231	0.1458	0.0479 0.1523	0.0749	Lin1	-0.1392	0.1512			0.0100	15.4					
Bis(2-chloroethoxy)methane	0.3820	0.3927	0.3906	0.4030 0.3838	0.3997	Ave		0.3919			0.3000	2.1		20.0			
2,4-Dichlorophenol	0.2893	0.2940	0.2971	0.2853 0.2918	0.2902	Ave		0.2913			0.2000	1.4		20.0			
1,2,4-Trichlorobenzene	0.3155 0.3093	0.3189 0.3331	0.3156	0.3421 0.3097	0.3199	Ave		0.3205			0.0100	3.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 832677

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2022 10:44 Calibration End Date: 03/10/2022 13:32 Calibration ID: 89540

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Naphthalene	1.0438 1.0140	1.0506 1.0100	1.0118	1.0426 0.9878	1.0546	Ave		1.0269			0.7000	2.3		20.0			
4-Chloroaniline	0.4117 0.4198	0.4086 0.4283	0.4278	0.4420 0.4238	0.4387	Ave		0.4251			0.0100	2.8		20.0			
2,6-Dichlorophenol	0.2893	0.2890	0.2911	0.2864 0.2840	0.2952	Ave		0.2892				1.3		20.0			
Hexachlorobutadiene	0.1863 0.1857	0.1656 0.1861	0.1883	0.1935 0.1853	0.1901	Ave		0.1851			0.0100	4.5		20.0			
Caprolactam	0.0722	0.0550 0.0784	0.0591 0.0815	0.0637 0.0804	0.0703	Ave		0.0701			0.0100	14.3		20.0			
4-Chloro-3-methylphenol	0.2686	0.2753	0.2759	0.2568 0.2757	0.2713	Ave		0.2706			0.2000	2.7		20.0			
2-Methylnaphthalene	0.6499	0.7015 0.6520	0.6567	0.6780 0.6389	0.6795	Ave		0.6652			0.4000	3.3		20.0			
1-Methylnaphthalene	0.5903	0.5918 0.6056	0.6010	0.6356 0.5823	0.6203	Ave		0.6038			0.0100	3.1		20.0			
Hexachlorocyclopentadiene	0.4041	0.4519	0.4325	0.3931 0.4256	0.4037	Ave		0.4185			0.0500	5.3		20.0			
1,2,4,5-Tetrachlorobenzene	0.5715	0.6144	0.5807	0.6051 0.5721	0.5901	Ave		0.5890			0.0100	3.0		20.0			
2-tertbutyl-4-methylphenol	0.3878	0.3980 0.4039	0.4053	0.3899 0.4106	0.3867	Ave		0.3975			0.0100	2.4		20.0			
2,4,6-Trichlorophenol	0.3570	0.2917 0.3960	0.3857	0.3518 0.3757	0.3575	Ave		0.3594			0.2000	9.5		20.0			
2,4,5-Trichlorophenol	0.3781	0.4392	0.4146	0.3805 0.4038	0.3698	Ave		0.3977			0.2000	6.7		20.0			
1,1'-Biphenyl	1.4113	1.5601	1.4421	1.4913 1.3904	1.4561	Ave		1.4586			0.0100	4.2		20.0			
2-Chloronaphthalene	1.1523	1.2343	1.1609	1.2034 1.1411	1.1906	Ave		1.1804			0.8000	3.0		20.0			
Phenyl ether	0.7877	0.8200	0.8101	0.8004 0.8009	0.7747	Ave		0.7990			0.0100	2.0		20.0			
2-Nitroaniline	0.3737	0.4104	0.4127	0.3577 0.4103	0.3553	Ave		0.3867			0.0100	7.1		20.0			
1,3-Dimethylnaphthalene	0.8747	0.9587	0.8991	0.8648 0.8883	0.8503	Ave		0.8893			0.0100	4.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 832677

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2022 10:44 Calibration End Date: 03/10/2022 13:32 Calibration ID: 89540

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dimethyl phthalate	1.2595	1.3645	1.2686	1.2921 1.2493	1.3131	Ave		1.2912			0.0100	3.3		20.0			
Coumarin	0.2330	0.2350	0.2340	0.2363 0.2423	0.2337	Ave		0.2357			0.0100	1.5		20.0			
2,6-Dinitrotoluene	0.2411	0.1717 0.2663	0.2659	0.2220 0.2616	0.2366	Ave		0.2379			0.2000	14.1		20.0			
Acenaphthylene	1.8207	1.8674	1.8548	1.9382 1.8084	1.9285	Ave		1.8697			0.9000	2.9		20.0			
3-Nitroaniline	0.2691	0.3019	0.3000	0.2398 0.2983	0.2633	Ave		0.2788			0.0100	9.1		20.0			
Acenaphthene	1.0081	1.0983	1.0233	1.1039 0.9942	1.0636	Ave		1.0486			0.9000	4.5		20.0			
3,5-di-tert-butyl-4-hydroxytol	0.8870	0.9850	0.9447	0.9108 0.9481	0.8730	Ave		0.9248			0.0100	4.6		20.0			
2,4-Dinitrophenol	0.0866	0.1075	0.1225	0.0591 0.1255	0.0702	Lin1	-0.1855	0.1254			0.0100	13.4					
4-Nitrophenol	0.1990	0.2178	0.2262	0.1661 0.2273	0.1828	Ave		0.2032			0.0100	12.3		20.0			
2,4-Dinitrotoluene	0.3024	0.1787 0.3459	0.3408	0.2651 0.3375	0.2945	Lin1	-0.0455	0.3396			0.2000	10.4					
Dibenzofuran	1.5563	1.6564	1.5465	1.6180 1.5134	1.6232	Ave		1.5856			0.8000	3.5		20.0			
2,3,4,6-Tetrachlorophenol	0.2708	0.3088	0.2962	0.2611 0.2861	0.2661	Ave		0.2815			0.0100	6.7		20.0			
Diethyl phthalate	1.2675	1.3612	1.2827	1.3148 1.2762	1.3167	Ave		1.3032			0.0100	2.7		20.0			
Fluorene	1.2155	1.2776	1.1741	1.2645 1.1600	1.2551	Ave		1.2245			0.9000	4.0		20.0			
4-Chlorophenyl phenyl ether	0.5604	0.6072	0.5646	0.6006 0.5500	0.5876	Ave		0.5784			0.4000	4.0		20.0			
4-Nitroaniline	0.2655	0.2954	0.2980	0.2359 0.2961	0.2519	Ave		0.2738			0.0100	9.7		20.0			
4,6-Dinitro-2-methylphenol	0.0742	0.0879	0.0981	0.0524 0.0985	0.0677	Lin2	-0.0933	0.0949			0.0100				0.9930		0.9900
N-Nitrosodiphenylamine	0.5004	0.5445	0.5164	0.5309 0.5038	0.5362	Ave		0.5220			0.0100	3.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 832677

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2022 10:44 Calibration End Date: 03/10/2022 13:32 Calibration ID: 89540

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Diphenylhydrazine	0.7344	0.8017	0.7546	0.7806 0.7338	0.7673	Ave		0.7621			0.0100	3.5		20.0			
4-Bromophenyl phenyl ether	0.1804	0.2008	0.1881	0.1909 0.1793	0.1926	Ave		0.1887			0.1000	4.3		20.0			
Hexachlorobenzene	0.2155 0.2361	0.2311 0.2542	0.2390	0.2553 0.2359	0.2448	Ave		0.2390			0.1000	5.4		20.0			
Atrazine	0.1833	0.1628 0.2076	0.1732 0.2018	0.1723 0.1934	0.1771	Ave		0.1839			0.0100	8.5		20.0			
Pentachlorophenol	0.1211	0.1404	0.1410	0.1064 0.1389	0.1105	Ave		0.1264			0.0500	12.5		20.0			
Pentachloronitrobenzene	0.0894	0.0997	0.1047	0.0875 0.1036	0.0844	Ave		0.0949			0.0100	9.3		20.0			
n-Octadecane	0.6328	0.7299	0.6610	0.6400 0.6512	0.6748	Ave		0.6649			0.0100	5.3		20.0			
Phenanthrene	1.0084	1.0959	1.0371	1.0820 1.0117	1.0967	Ave		1.0553			0.7000	3.9		20.0			
Anthracene	1.0369	1.1276	1.0562	1.0944 1.0184	1.0929	Ave		1.0711			0.7000	3.8		20.0			
Carbazole	0.9365	0.9780	0.9630	0.9835 0.9391	0.9873	Ave		0.9646			0.0100	2.3		20.0			
Di-n-butyl phthalate	1.2281	1.3367	1.2865	1.2122 1.2669	1.2621	Ave		1.2654			0.0100	3.5		20.0			
Fluoranthene	1.0009	1.0870	1.0356	1.0510 1.0076	1.0527	Ave		1.0391			0.6000	3.1		20.0			
Benzidine	0.5627	0.5789	0.6003	0.4680 0.6093	0.5258	Ave		0.5575			0.0100	9.5		20.0			
Pyrene	1.3442	1.3695 1.4644	1.3648	1.3961 1.3000	1.4166	Ave		1.3794			0.6000	3.8		20.0			
Bisphenol-A	0.3710	0.4576	0.4699	0.2841 0.4798	0.3409	Lin2	-0.203	0.4666							0.9940		0.9900
Butyl benzyl phthalate	0.5818	0.6649	0.6440	0.5067 0.6378	0.5631	Ave		0.5997			0.0100	10.0		20.0			
2,3,7,8-TCDD		0.1356				Ave		0.1356			0.0100			20.0			
Carbamazepine	0.4160	0.4683	0.5098	0.3453 0.5150	0.4074	Ave		0.4436			0.0100	14.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 832677

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2022 10:44 Calibration End Date: 03/10/2022 13:32 Calibration ID: 89540

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
3,3'-Dichlorobenzidine	0.4302	0.3113 0.4979	0.4719	0.3756 0.4688	0.4043	Ave		0.4229			0.0100	15.3		20.0			
Benzo[a]anthracene	1.2702 1.1733	1.2252 1.2372	1.1889	1.2262 1.1560	1.2182	Ave		1.2119			0.8000	3.1		20.0			
Chrysene	1.1030	1.1531 1.1998	1.1403	1.1878 1.1115	1.1639	Ave		1.1514			0.7000	3.1		20.0			
Bis(2-ethylhexyl) phthalate	0.9019	0.6563 1.0172	0.9903	0.8117 0.9854	0.8975	Ave		0.8943			0.0100	14.2		20.0			
Di-n-octyl phthalate	1.4740	1.7253	1.6716	1.2889 1.6581	1.4493	Ave		1.5445			0.0100	10.9		20.0			
Benzo[b]fluoranthene	1.0968 1.0947	1.0997 1.1868	1.1518	1.1716 1.1379	1.1611	Ave		1.1376			0.7000	3.2		20.0			
Benzo[k]fluoranthene	1.0842 1.1393	1.0596 1.2723	1.1755	1.2184 1.1459	1.1973	Ave		1.1616			0.7000	6.0		20.0			
Benzo[a]pyrene	1.0137 1.0951	1.0228 1.1980	1.1466	1.1049 1.1147	1.1477	Ave		1.1054			0.7000	5.7		20.0			
Indeno[1,2,3-cd]pyrene	0.8182 0.9693	0.8801 1.1292	1.0475	0.9385 1.0466	0.9937	Ave		0.9779			0.5000	10.2		20.0			
Dibenz(a,h)anthracene	0.7665 1.0217	0.8733 1.1140	1.0908	1.0320 1.0956	1.0868	Ave		1.0101			0.4000	12.4		20.0			
Benzo[g,h,i]perylene	1.0592	1.1617	1.1190	1.0354 1.1130	1.0960	Ave		1.0974			0.5000	4.1		20.0			
2-Fluorophenol (Surr)	1.3361	1.4647 1.3240	1.3521	1.3198 1.3401	1.2457	Ave		1.3404			0.0100	4.8		20.0			
Phenol-d5 (Surr)	1.8359 1.6026	1.7236 1.5908	1.6310	1.5863 1.6087	1.5480	Ave		1.6409			0.0100	5.7		20.0			
Nitrobenzene-d5 (Surr)	0.3805 0.3652	0.3786 0.3564	0.3696	0.3489 0.3660	0.3404	Ave		0.3632			0.0100	3.8		20.0			
2-Fluorobiphenyl	1.5423 1.4035	1.5234 1.4574	1.3859	1.3976 1.3548	1.2899	Ave		1.4194			0.0100	6.0		20.0			
2,4,6-Tribromophenol (Surr)	0.1869	0.1553 0.2045	0.1973	0.1629 0.1960	0.1653	Ave		0.1812			0.0100	10.8		20.0			
Terphenyl-d14 (Surr)	1.0655 0.9901	1.0242 1.0695	0.9911	0.9780 0.9664	0.9386	Ave		1.0029			0.0100	4.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 832677

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2022 10:44 Calibration End Date: 03/10/2022 13:32 Calibration ID: 89540

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-832677/10	M234663.D
Level 2	STD02 460-832677/9	M234662.D
Level 3	STD04 460-832677/8	M234661.D
Level 4	STD1 460-832677/7	M234660.D
Level 5	STD2 460-832677/6	M234659.D
Level 6	STD4 460-832677/5	M234658.D
Level 7	ICIS 460-832677/2	M234655.D
Level 8	STD16 460-832677/4	M234657.D
Level 9	STD24 460-832677/3	M234656.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCBd 4	Ave				10296	17734				1.00	2.00
			29914	68532	105776	142208		4.00	10.0	16.0	24.0	
N-Nitrosodimethylamine	DCBd 4	Ave				12047	23893				1.00	2.00
			42851	105836	158705	228350		4.00	10.0	16.0	24.0	
Pyridine	DCBd 4	Ave	3357	6741		38919	74320	0.200	0.400		2.00	4.00
			134046	314147	506165	720518		8.00	20.0	32.0	48.0	
Benzaldehyde	DCBd 4	Ave		3705	6746	17090	32691		0.200	0.400	1.00	2.00
			49537	+++++	+++++	+++++		3.20	+++++	+++++	+++++	
Phenol	DCBd 4	Ave				25686	49855				1.00	2.00
			92042	226254	346693	495244		4.00	10.0	16.0	24.0	
Aniline	DCBd 4	Ave				31467	58882				1.00	2.00
			108389	264592	406825	584010		4.00	10.0	16.0	24.0	
Bis(2-chloroethyl)ether	DCBd 4	Ave	1635	3719		19064	36803	0.100	0.200		1.00	2.00
			66638	166945	251946	356851		4.00	10.0	16.0	24.0	
2-Chlorophenol	DCBd 4	Ave				20602	41624				1.00	2.00
			75179	187667	287921	408034		4.00	10.0	16.0	24.0	

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 832677

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2022 10:44 Calibration End Date: 03/10/2022 13:32 Calibration ID: 89540

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
n-Decane	DCBd 4	Ave	110253	271041	401581	31570 569108	61448	4.00	10.0	16.0	1.00 24.0	2.00
1,3-Dichlorobenzene	DCBd 4	Ave	87962	217891	330196	25143 465067	48709	4.00	10.0	16.0	1.00 24.0	2.00
1,4-Dichlorobenzene	DCBd 4	Ave	89567	218919	338490	25244 472868	48813	4.00	10.0	16.0	1.00 24.0	2.00
Benzyl alcohol	DCBd 4	Ave	46037	118777	177464	13069 252152	25207	4.00	10.0	16.0	1.00 24.0	2.00
1,2-Dichlorobenzene	DCBd 4	Ave	85442	208061	316989	23893 449036	47099	4.00	10.0	16.0	1.00 24.0	2.00
2-Methylphenol	DCBd 4	Ave	64238	165099	248995	18455 351062	36550	4.00	10.0	16.0	1.00 24.0	2.00
2,2'-oxybis[1-chloropropane]	DCBd 4	Ave	140123	362445	523244	40647 738451	78956	4.00	10.0	16.0	1.00 24.0	2.00
N-Methylaniline	DCBd 4	Ave	2928 119902	5986 271932	442786	31891 636736	61426	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Acetophenone	DCBd 4	Ave	100937	250656	372047	29339 531203	55503	4.00	10.0	16.0	1.00 24.0	2.00
3 & 4 Methylphenol	DCBd 4	Ave	72863	180306	278529	20860 394848	40907	4.00	10.0	16.0	1.00 24.0	2.00
4-Methylphenol	DCBd 4	Ave	72863	180306	277483	20860 393158	40907	4.00	10.0	16.0	1.00 24.0	2.00
N-Nitrosodi-n-propylamine	DCBd 4	Ave	1340 48400	2599 123114	185235	14089 265498	26920	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 832677

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2022 10:44 Calibration End Date: 03/10/2022 13:32 Calibration ID: 89540

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Hexachloroethane	DCBd 4	Ave	781 33981	1880 83686	127729	9965 179680	18620	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Nitrobenzene	DCBd 4	Ave	585 33712	1498 84299	131316	9209 184984	17748	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
n,n'-Dimethylaniline	DCBd 4	Ave	3115 112616	6396 279870	421041	30339 608397	58042	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Isophorone	NPT	Ave	131476	6964 332630	488301	37315 705316	74218	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2-Nitrophenol	NPT	Ave	29855	74240	123562	7060 176334	15734	4.00	10.0	16.0	1.00 24.0	2.00
2,4-Dimethylphenol	NPT	Ave	61208	153575	231531	17067 329599	34058	4.00	10.0	16.0	1.00 24.0	2.00
Benzoic acid	NPT	Lin1	18920	62689	111008	2680 168877	8278	4.00	10.0	16.0	1.00 24.0	2.00
Bis(2-chloroethoxy)methane	NPT	Ave	78636	199946	297470	22525 425550	44156	4.00	10.0	16.0	1.00 24.0	2.00
2,4-Dichlorophenol	NPT	Ave	59553	149703	226235	15948 323515	32066	4.00	10.0	16.0	1.00 24.0	2.00
1,2,4-Trichlorobenzene	NPT	Ave	1678 63668	3491 169593	240388	19119 343387	35347	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Naphthalene	NPT	Ave	5552 208751	11502 514305	770568	58273 1095230	116517	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
4-Chloroaniline	NPT	Ave	2190 86432	4473 218082	325843	24704 469912	48473	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,6-Dichlorophenol	NPT	Ave	59565	147175	221706	16005 314872	32619	4.00	10.0	16.0	1.00 24.0	2.00
Hexachlorobutadiene	NPT	Ave	991 38234	1813 94740	143422	10815 205506	21008	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Caprolactam	NPT	Ave	11883	602 15971	1247 18619	3562 23778	7764	3.20	0.200 4.00	0.400 4.80	1.00 6.40	2.00
4-Chloro-3-methylphenol	NPT	Ave	55295	140173	210099	14351 305711	29977	4.00	10.0	16.0	1.00 24.0	2.00
2-Methylnaphthalene	NPT	Ave		7680		37897	75078		0.200		1.00	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 832677

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2022 10:44 Calibration End Date: 03/10/2022 13:32 Calibration ID: 89540

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			133792	331995	500118	708453		4.00	10.0	16.0	24.0	
1-Methylnaphthalene	NPT	Ave	121519	6479 308350	457709	35523 645623	68528	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Hexachlorocyclopentadiene	ANT	Ave	44377	114132	172422	11799 249856	23960	4.00	10.0	16.0	1.00 24.0	2.00
1,2,4,5-Tetrachlorobenzene	ANT	Ave	62765	155175	231530	18165 335831	35028	4.00	10.0	16.0	1.00 24.0	2.00
2-tertbutyl-4-methylphenol	NPT	Ave	79834	4357 205648	308656	21793 455315	42729	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,4,6-Trichlorophenol	ANT	Ave	39202	1745 100029	153777	10561 220562	21221	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,4,5-Trichlorophenol	ANT	Ave	41523	110931	165313	11423 237045	21949	4.00	10.0	16.0	1.00 24.0	2.00
1,1'-Biphenyl	ANT	Ave	154989	394030	574967	44768 816196	86432	4.00	10.0	16.0	1.00 24.0	2.00
2-Chloronaphthalene	ANT	Ave	126538	311740	462818	36125 669815	70668	4.00	10.0	16.0	1.00 24.0	2.00
Phenyl ether	ANT	Ave	86509	207101	322980	24027 470140	45984	4.00	10.0	16.0	1.00 24.0	2.00
2-Nitroaniline	ANT	Ave	41041	103646	164523	10738 240822	21090	4.00	10.0	16.0	1.00 24.0	2.00
1,3-Dimethylnaphthalene	ANT	Ave	96056	242143	358461	25961 521460	50473	4.00	10.0	16.0	1.00 24.0	2.00
Dimethyl phthalate	ANT	Ave	138316	344624	505772	38788 733357	77940	4.00	10.0	16.0	1.00 24.0	2.00
Coumarin	NPT	Ave	47972	119651	178215	13210 268717	25823	4.00	10.0	16.0	1.00 24.0	2.00
2,6-Dinitrotoluene	ANT	Ave	26476	1027 67255	105994	6664 153543	14046	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Acenaphthylene	ANT	Ave	199949	471664	739499	58184 1061543	114468	4.00	10.0	16.0	1.00 24.0	2.00
3-Nitroaniline	ANT	Ave	29554	76251	119607	7200 175131	15629	4.00	10.0	16.0	1.00 24.0	2.00
Acenaphthene	ANT	Ave	110704	277394	407978	33139 583606	63135	4.00	10.0	16.0	1.00 24.0	2.00
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave				27342	51819				1.00	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 832677

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2022 10:44 Calibration End Date: 03/10/2022 13:32 Calibration ID: 89540

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			97408	248791	376654	556539		4.00	10.0	16.0	24.0	
2,4-Dinitrophenol	ANT	Lin1				3549	8329				2.00	4.00
			19010	54289	97658	147365		8.00	20.0	32.0	48.0	
4-Nitrophenol	ANT	Ave				9973	21699				2.00	4.00
			43702	110042	180338	266894		8.00	20.0	32.0	48.0	
2,4-Dinitrotoluene	ANT	Lin1		1069		7959	17482		0.200		1.00	2.00
			33206	87371	135876	198110		4.00	10.0	16.0	24.0	
Dibenzofuran	ANT	Ave				48570	96346				1.00	2.00
			170907	418362	616568	888361		4.00	10.0	16.0	24.0	
2,3,4,6-Tetrachlorophenol	ANT	Ave				7837	15795				1.00	2.00
			29736	77994	118103	167931		4.00	10.0	16.0	24.0	
Diethyl phthalate	ANT	Ave				39468	78154				1.00	2.00
			139191	343804	511416	749169		4.00	10.0	16.0	24.0	
Fluorene	ANT	Ave				37959	74497				1.00	2.00
			133488	322686	468103	680904		4.00	10.0	16.0	24.0	
4-Chlorophenyl phenyl ether	ANT	Ave				18029	34876				1.00	2.00
			61539	153358	225097	322834		4.00	10.0	16.0	24.0	
4-Nitroaniline	ANT	Ave				7080	14950				1.00	2.00
			29155	74622	118820	173834		4.00	10.0	16.0	24.0	
4,6-Dinitro-2-methylphenol	PHN	Lin2				5169	12961				2.00	4.00
			26707	72947	125862	188124		8.00	20.0	32.0	48.0	
N-Nitrosodiphenylamine	PHN	Ave				26172	51351				1.00	2.00
			90082	225940	331227	481067		4.00	10.0	16.0	24.0	
1,2-Diphenylhydrazine	PHN	Ave				38483	73477				1.00	2.00
			132197	332663	484022	700614		4.00	10.0	16.0	24.0	
4-Bromophenyl phenyl ether	PHN	Ave				9412	18441				1.00	2.00
			32483	83313	120639	171157		4.00	10.0	16.0	24.0	
Hexachlorobenzene	PHN	Ave	1015	2265		12587	23445	0.100	0.200		1.00	2.00
			42500	105479	153319	225272		4.00	10.0	16.0	24.0	
Atrazine	PHN	Ave		1595	3215	8493	16958		0.200	0.400	1.00	2.00
			26392	34450	38838	49251		3.20	4.00	4.80	6.40	
Pentachlorophenol	PHN	Ave				10493	21156				2.00	4.00
			43590	116506	180846	265181		8.00	20.0	32.0	48.0	
Pentachloronitrobenzene	PHN	Ave				4312	8081				1.00	2.00
			16095	41353	67168	98936		4.00	10.0	16.0	24.0	
n-Octadecane	PHN	Ave				31553	64618				1.00	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 832677

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2022 10:44 Calibration End Date: 03/10/2022 13:32 Calibration ID: 89540

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			113915	302869	423967	621761		4.00	10.0	16.0	24.0	
Phenanthrene	PHN	Ave	181532	454732	665210	53345 965998	105022	4.00	10.0	16.0	1.00 24.0	2.00
Anthracene	PHN	Ave	186670	467869	677479	53956 972394	104665	4.00	10.0	16.0	1.00 24.0	2.00
Carbazole	PHN	Ave	168589	405814	617694	48489 896653	94550	4.00	10.0	16.0	1.00 24.0	2.00
Di-n-butyl phthalate	PHN	Ave	221082	554617	825193	59763 1209627	120870	4.00	10.0	16.0	1.00 24.0	2.00
Fluoranthene	PHN	Ave	180173	451002	664285	51816 962074	100808	4.00	10.0	16.0	1.00 24.0	2.00
Benzidine	PHN	Ave	101293	240208	385056	23074 581764	50353	4.00	10.0	16.0	1.00 24.0	2.00
Pyrene	CRY	Ave	187739	10316 446977	679910	53290 982563	105824	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Bisphenol-A	CRY	Lin2	51818	139673	234110	10846 362637	25465	4.00	10.0	16.0	1.00 24.0	2.00
Butyl benzyl phthalate	CRY	Ave	81263	202954	320813	19343 482097	42067	4.00	10.0	16.0	1.00 24.0	2.00
2,3,7,8-TCDD	CRY	Ave		414					0.100			
Carbamazepine	CRY	Ave	58097	142929	253948	13180 389257	30436	4.00	10.0	16.0	1.00 24.0	2.00
3,3'-Dichlorobenzidine	CRY	Ave	60083	2345 151955	235079	14338 354344	30200	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[a]anthracene	CRY	Ave	4547 163869	9229 377631	592287	46804 873769	91001	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Chrysene	CRY	Ave	154049	8686 366192	568074	45339 840127	86949	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Bis(2-ethylhexyl) phthalate	CRY	Ave	125965	4944 310481	493309	30984 744795	67046	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Di-n-octyl phthalate	PRY	Ave	202626	517105	819648	47821 1255248	105531	4.00	10.0	16.0	1.00 24.0	2.00
Benzo[b]fluoranthene	PRY	Ave	3922 150493	8161 355714	564758	43470 861407	84551	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[k]fluoranthene	PRY	Ave	3877	7863		45205	87183	0.100	0.200		1.00	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 832677

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2022 10:44 Calibration End Date: 03/10/2022 13:32 Calibration ID: 89540

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			156623	381336	576404	867443		4.00	10.0	16.0	24.0	
Benzo[a]pyrene	PRY	Ave	3625 150542	7590 359068	562208	40993 843866	83575	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	2926 133247	6531 338430	513629	34820 792324	72360	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Dibenz(a,h)anthracene	PRY	Ave	2741 140446	6481 333890	534831	38290 829374	79138	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[g,h,i]perylene	PRY	Ave	145608	348169	548673	38415 842547	79809	4.00	10.0	16.0	1.00 24.0	2.00
2-Fluorophenol (Surr)	DCBd 4	Ave	76648	4451 185202	284440	20090 410577	37246	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Phenol-d5 (Surr)	DCBd 4	Ave	2665 91935	5238 222519	343111	24148 492850	46284	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Nitrobenzene-d5 (Surr)	NPT	Ave	2024 75180	4145 181456	281457	19499 405834	37613	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2-Fluorobiphenyl	ANT	Ave	4483 154135	9113 368088	552534	41955 795280	76564	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,4,6-Tribromophenol (Surr)	ANT	Ave	20529	929 51651	78662	4890 115046	9813	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Terphenyl-d14 (Surr)	CRY	Ave	3814 138281	7715 326446	493707	37332 730447	70118	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234655.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 10-Mar-2022 10:44:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142495-002
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub22

Method: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2022 14:08:33 Calib Date: 10-Mar-2022 13:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234663.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: johnstonm1 Date: 10-Mar-2022 11:06:14

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.747	1.747	0.000	93	68532	10.0	9.05	
	2 N-Nitrosodimethylamine	74	1.945	1.945	0.000	77	105836	10.0	9.88	
	3 Pyridine	79	1.980	1.980	0.000	74	314147	20.0	19.0	
$	4 2-Fluorophenol	112	3.040	3.040	0.000	91	185202	10.0	9.88	
	5 Benzaldehyde	77	3.864	3.864	0.000	87	33158	4.00	2.09	
$	6 Phenol-d5	99	3.927	3.927	0.000	96	222519	10.0	9.70	
	7 Phenol	94	3.940	3.940	0.000	98	226254	10.0	9.86	
	8 Aniline	93	3.969	3.969	0.000	23	264592	10.0	9.74	
	9 Bis(2-chloroethyl)ether	93	4.030	4.030	0.000	87	166945	10.0	10.0	
	10 Benzonitrile	103	4.046	4.046	0.000	98	357665	NC	NC	
	11 2-Chlorophenol	128	4.087	4.087	0.000	93	187667	10.0	9.94	
	12 n-Decane	43	4.145	4.145	0.000	93	271041	10.0	9.89	
	13 1,3-Dichlorobenzene	146	4.240	4.240	0.000	96	217891	10.0	9.88	
*	14 1,4-Dichlorobenzene-d4	152	4.292	4.292	0.000	96	111901	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.308	4.308	0.000	94	218919	10.0	9.81	
	16 Benzyl alcohol	108	4.419	4.419	0.000	91	118777	10.0	10.1	
	17 1,2-Dichlorobenzene	146	4.458	4.458	0.000	95	208061	10.0	9.81	
	18 2-Methylphenol	108	4.528	4.528	0.000	86	165099	10.0	10.0	
	19 2,2'-oxybis[1-chloropropane]	45	4.557	4.557	0.000	92	362445	10.0	10.2	
	20 N-Methylaniline	106	4.669	4.669	0.000	91	271932	10.0	9.51	a
	21 Acetophenone	105	4.678	4.678	0.000	81	250656	10.0	9.92	
	24 4-Methylphenol	108	4.681	4.681	0.000	73	180306	10.0	9.79	
	23 3 & 4 Methylphenol	108	4.681	4.681	0.000	77	180306	10.0	9.78	
	22 N-Nitrosodi-n-propylamine	70	4.681	4.681	0.000	84	123114	10.0	9.95	
	25 Hexachloroethane	117	4.787	4.787	0.000	93	83686	10.0	9.93	
$	27 Nitrobenzene-d5	82	4.822	4.822	0.000	94	181456	10.0	9.81	
	28 Nitrobenzene	123	4.841	4.841	0.000	85	84299	10.0	10.7	
	29 n,n'-Dimethylaniline	120	4.847	4.847	0.000	83	279870	10.0	9.92	
	30 Isophorone	82	5.071	5.071	0.000	96	332630	10.0	10.1	
	32 2-Nitrophenol	139	5.151	5.151	0.000	87	74240	10.0	9.93	
	33 2,4-Dimethylphenol	122	5.196	5.196	0.000	90	153575	10.0	9.98	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.285	5.285	0.000	33	62689	10.0	9.06	
34 Bis(2-chloroethoxy)methane	93	5.285	5.285	0.000	92	199946	10.0	10.0	
36 2,4-Dichlorophenol	162	5.384	5.384	0.000	94	149703	10.0	10.1	
37 1,2,4-Trichlorobenzene	180	5.467	5.467	0.000	94	169593	10.0	10.4	
* 38 Naphthalene-d8	136	5.522	5.522	0.000	99	407355	8.00	8.00	
39 Naphthalene	128	5.541	5.541	0.000	98	514305	10.0	9.84	
40 4-Chloroaniline	127	5.592	5.592	0.000	94	218082	10.0	10.1	
130 2,6-Dichlorophenol	162	5.601	5.601	0.000	94	147175	10.0	10.0	
41 Hexachlorobutadiene	225	5.675	5.675	0.000	93	94740	10.0	10.1	
42 Caprolactam	113	5.905	5.905	0.000	83	15971	4.00	4.48	
43 4-Chloro-3-methylphenol	107	6.065	6.065	0.000	97	140173	10.0	10.2	
44 2-Methylnaphthalene	142	6.205	6.205	0.000	81	331995	10.0	9.80	
45 1-Methylnaphthalene	142	6.301	6.301	0.000	89	308350	10.0	10.0	
46 Hexachlorocyclopentadiene	237	6.371	6.371	0.000	79	114132	10.0	10.8	
47 1,2,4,5-Tetrachlorobenzene	216	6.371	6.371	0.000	94	155175	10.0	10.4	
48 2-tertbutyl-4-methylphenol	149	6.406	6.406	0.000	82	205648	10.0	10.2	
49 2,4,6-Trichlorophenol	196	6.480	6.480	0.000	89	100029	10.0	11.0	
50 2,4,5-Trichlorophenol	196	6.509	6.509	0.000	94	110931	10.0	11.0	
$ 51 2-Fluorobiphenyl	172	6.560	6.560	0.000	97	368088	10.0	10.3	
52 1,1'-Biphenyl	154	6.656	6.656	0.000	96	394030	10.0	10.7	
53 2-Chloronaphthalene	162	6.669	6.669	0.000	96	311740	10.0	10.5	
54 Phenyl ether	170	6.755	6.755	0.000	86	207101	10.0	10.3	
55 2-Nitroaniline	65	6.764	6.764	0.000	89	103646	10.0	10.6	
57 1,3-Dimethylnaphthalene	156	6.883	6.883	0.000	88	242143	10.0	10.8	
59 Dimethyl phthalate	163	6.950	6.950	0.000	98	344624	10.0	10.6	
60 Coumarin	146	6.959	6.959	0.000	75	119651	10.0	9.97	
61 2,6-Dinitrotoluene	165	6.998	6.998	0.000	72	67255	10.0	11.2	
62 Acenaphthylene	152	7.065	7.065	0.000	96	471664	10.0	9.99	
63 3-Nitroaniline	138	7.158	7.158	0.000	93	76251	10.0	10.8	
* 64 Acenaphthene-d10	164	7.202	7.202	0.000	96	202057	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.231	7.231	0.000	78	248791	10.0	10.7	
66 Acenaphthene	154	7.231	7.231	0.000	95	277394	10.0	10.5	
67 2,4-Dinitrophenol	184	7.254	7.254	0.000	91	54289	20.0	18.6	a
68 4-Nitrophenol	65	7.321	7.321	0.000	90	110042	20.0	21.4	
69 2,4-Dinitrotoluene	165	7.378	7.378	0.000	91	87371	10.0	10.3	
70 Dibenzofuran	168	7.397	7.397	0.000	91	418362	10.0	10.4	
72 2,3,4,6-Tetrachlorophenol	232	7.516	7.516	0.000	90	77994	10.0	11.0	
73 Diethyl phthalate	149	7.621	7.621	0.000	96	343804	10.0	10.4	
75 Fluorene	166	7.720	7.720	0.000	81	322686	10.0	10.4	
74 4-Chlorophenyl phenyl ether	204	7.723	7.723	0.000	74	153358	10.0	10.5	
76 4-Nitroaniline	138	7.736	7.736	0.000	93	74622	10.0	10.8	
77 4,6-Dinitro-2-methylphenol	198	7.768	7.768	0.000	25	72947	20.0	19.5	
78 N-Nitrosodiphenylamine	169	7.832	7.832	0.000	52	225940	10.0	10.4	
79 1,2-Diphenylhydrazine	77	7.874	7.874	0.000	98	332663	10.0	10.5	
$ 80 2,4,6-Tribromophenol	330	7.947	7.947	0.000	94	51651	10.0	11.3	
81 4-Bromophenyl phenyl ether	248	8.184	8.184	0.000	83	83313	10.0	10.6	
82 Hexachlorobenzene	284	8.251	8.251	0.000	97	105479	10.0	10.6	
83 Atrazine	200	8.340	8.340	0.000	84	34450	4.00	4.51	
84 Pentachlorophenol	266	8.433	8.433	0.000	92	116506	20.0	22.2	
85 Pentachloronitrobenzene	237	8.449	8.449	0.000	86	41353	10.0	10.5	
86 n-Octadecane	57	8.526	8.526	0.000	88	302869	10.0	11.0	
* 87 Phenanthrene-d10	188	8.606	8.606	0.000	99	331938	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.628	8.628	0.000	98	454732	10.0	10.4	
89 Anthracene	178	8.676	8.676	0.000	97	467869	10.0	10.5	
90 Carbazole	167	8.829	8.829	0.000	83	405814	10.0	10.1	
91 Di-n-butyl phthalate	149	9.171	9.171	0.000	99	554617	10.0	10.6	
92 Fluoranthene	202	9.755	9.755	0.000	97	451002	10.0	10.5	
93 Benzidine	184	9.880	9.880	0.000	99	240208	10.0	10.4	
94 Pyrene	202	9.966	9.966	0.000	96	446977	10.0	10.6	
95 Bisphenol-A	213	10.021	10.021	0.000	97	139673	10.0	10.2	
$ 96 Terphenyl-d14	244	10.123	10.123	0.000	97	326446	10.0	10.7	
97 Butyl benzyl phthalate	149	10.624	10.624	0.000	96	202954	10.0	11.1	
98 2,3,7,8-TCDD	320	10.724	10.724	0.000	1	414	0.1000	0.1000	
99 Carbamazepine	193	10.733	10.733	0.000	92	142929	10.0	10.6	
100 3,3'-Dichlorobenzidine	252	11.219	11.219	0.000	99	151955	10.0	11.8	
101 Benzo[a]anthracene	228	11.241	11.241	0.000	100	377631	10.0	10.2	
* 102 Chrysene-d12	240	11.254	11.254	0.000	96	244176	8.00	8.00	
104 Chrysene	228	11.286	11.286	0.000	95	366192	10.0	10.4	
103 Bis(2-ethylhexyl) phthalate	149	11.312	11.312	0.000	84	310481	10.0	11.4	
105 Di-n-octyl phthalate	149	12.171	12.171	0.000	94	517105	10.0	11.2	
106 Benzo[b]fluoranthene	252	12.663	12.663	0.000	95	355714	10.0	10.4	
107 Benzo[k]fluoranthene	252	12.701	12.701	0.000	98	381336	10.0	11.0	
108 Benzo[a]pyrene	252	13.120	13.120	0.000	94	359068	10.0	10.8	
* 109 Perylene-d12	264	13.203	13.203	0.000	96	239771	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.778	14.778	0.000	96	338430	10.0	11.5	
111 Dibenz(a,h)anthracene	278	14.817	14.817	0.000	94	333890	10.0	11.0	
112 Benzo[g,h,i]perylene	276	15.216	15.216	0.000	89	348169	10.0	10.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL7_LVI_00004 Amount Added: 1.00 Units: mL

Report Date: 10-Mar-2022 14:08:34 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234655.D

Injection Date: 10-Mar-2022 10:44:30 Instrument ID: CBNAMS17

Lims ID: ICIS

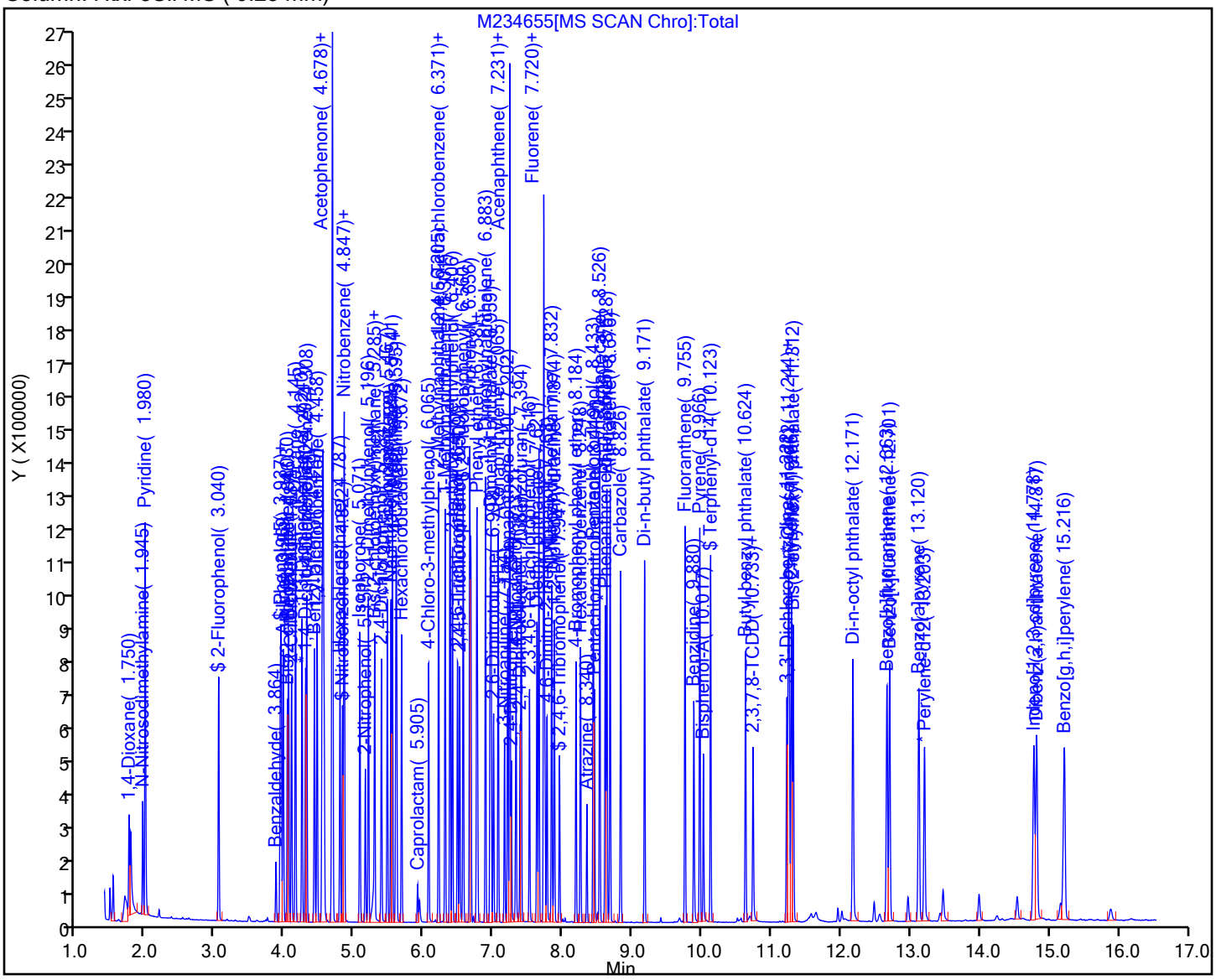
Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234656.D
Lims ID: STD24
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 10-Mar-2022 11:04:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142495-003
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub22

Method: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2022 14:08:38 Calib Date: 10-Mar-2022 13:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234663.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: johnstonm1 Date: 10-Mar-2022 11:25:24

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.747	1.747	0.000	92	142208	24.0	20.6	
	2 N-Nitrosodimethylamine	74	1.945	1.945	0.000	76	228350	24.0	23.4	
	3 Pyridine	79	1.980	1.980	0.000	75	720518	48.0	47.7	
$	4 2-Fluorophenol	112	3.040	3.040	0.000	92	410577	24.0	24.0	
	5 Benzaldehyde	77	3.864	3.864	0.000	87	77209	6.40	5.32	
$	6 Phenol-d5	99	3.934	3.927	0.007	96	492850	24.0	23.5	
	7 Phenol	94	3.947	3.940	0.007	98	495244	24.0	23.7	
	8 Aniline	93	3.972	3.969	0.003	98	584010	24.0	23.5	
	9 Bis(2-chloroethyl)ether	93	4.033	4.030	0.003	87	356851	24.0	23.4	
	10 Benzonitrile	103	4.052	4.046	0.006	98	776153	NC	NC	
	11 2-Chlorophenol	128	4.091	4.087	0.004	89	408034	24.0	23.7	
	12 n-Decane	43	4.145	4.145	0.000	93	569108	24.0	22.8	
	13 1,3-Dichlorobenzene	146	4.241	4.240	0.001	95	465067	24.0	23.1	
*	14 1,4-Dichlorobenzene-d4	152	4.292	4.292	0.000	96	102123	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.308	4.308	0.000	94	472868	24.0	23.2	
	16 Benzyl alcohol	108	4.423	4.419	0.004	90	252152	24.0	23.6	
	17 1,2-Dichlorobenzene	146	4.458	4.458	0.000	91	449036	24.0	23.2	
	18 2-Methylphenol	108	4.531	4.528	0.003	85	351062	24.0	23.4	
	19 2,2'-oxybis[1-chloropropane]	45	4.557	4.557	0.000	92	738451	24.0	22.8	
	20 N-Methylaniline	106	4.672	4.669	0.003	93	636736	24.0	24.4	a
	21 Acetophenone	105	4.682	4.678	0.004	83	531203	24.0	23.0	
	24 4-Methylphenol	108	4.685	4.681	0.004	86	393158	24.0	23.4	a
	23 3 & 4 Methylphenol	108	4.685	4.681	0.004	85	394848	24.0	23.5	a
	22 N-Nitrosodi-n-propylamine	70	4.685	4.681	0.004	75	265498	24.0	23.5	
	25 Hexachloroethane	117	4.787	4.787	0.000	93	179680	24.0	23.4	
$	27 Nitrobenzene-d5	82	4.825	4.822	0.003	94	405834	24.0	24.2	
	28 Nitrobenzene	123	4.845	4.841	0.004	87	184984	24.0	25.7	
	29 n,n'-Dimethylaniline	120	4.851	4.847	0.004	84	608397	24.0	23.6	
	30 Isophorone	82	5.078	5.071	0.007	98	705316	24.0	23.5	
	32 2-Nitrophenol	139	5.151	5.151	0.000	88	176334	24.0	26.0	
	33 2,4-Dimethylphenol	122	5.199	5.196	0.003	89	329599	24.0	23.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.321	5.285	0.036	88	168877	24.0	25.1	
34 Bis(2-chloroethoxy)methane	93	5.289	5.285	0.004	92	425550	24.0	23.5	
36 2,4-Dichlorophenol	162	5.385	5.384	0.001	94	323515	24.0	24.0	
37 1,2,4-Trichlorobenzene	180	5.468	5.467	0.001	94	343387	24.0	23.2	
* 38 Naphthalene-d8	136	5.519	5.522	-0.003	99	369600	8.00	8.00	
39 Naphthalene	128	5.541	5.541	0.000	98	1095230	24.0	23.1	
40 4-Chloroaniline	127	5.596	5.592	0.004	93	469912	24.0	23.9	
130 2,6-Dichlorophenol	162	5.605	5.601	0.004	96	314872	24.0	23.6	
41 Hexachlorobutadiene	225	5.672	5.675	-0.003	92	205506	24.0	24.0	
42 Caprolactam	113	5.976	5.905	0.071	84	23778	6.40	7.34	M
43 4-Chloro-3-methylphenol	107	6.065	6.065	0.000	98	305711	24.0	24.5	
44 2-Methylnaphthalene	142	6.206	6.205	0.001	81	708453	24.0	23.1	
45 1-Methylnaphthalene	142	6.302	6.301	0.001	89	645623	24.0	23.1	
46 Hexachlorocyclopentadiene	237	6.369	6.371	-0.002	85	249856	24.0	24.4	
47 1,2,4,5-Tetrachlorobenzene	216	6.372	6.371	0.001	94	335831	24.0	23.3	
48 2-tertbutyl-4-methylphenol	149	6.407	6.406	0.001	79	455315	24.0	24.8	
49 2,4,6-Trichlorophenol	196	6.478	6.480	-0.002	88	220562	24.0	25.1	
50 2,4,5-Trichlorophenol	196	6.510	6.509	0.001	94	237045	24.0	24.4	
$ 51 2-Fluorobiphenyl	172	6.561	6.560	0.001	97	795280	24.0	22.9	
52 1,1'-Biphenyl	154	6.654	6.656	-0.002	97	816196	24.0	22.9	
53 2-Chloronaphthalene	162	6.673	6.669	0.004	97	669815	24.0	23.2	
54 Phenyl ether	170	6.756	6.755	0.001	86	470140	24.0	24.1	
55 2-Nitroaniline	65	6.769	6.764	0.005	95	240822	24.0	25.5	
57 1,3-Dimethylnaphthalene	156	6.884	6.883	0.001	88	521460	24.0	24.0	
59 Dimethyl phthalate	163	6.951	6.950	0.001	98	733357	24.0	23.2	
60 Coumarin	146	6.964	6.959	0.005	74	268717	24.0	24.7	
61 2,6-Dinitrotoluene	165	7.002	6.998	0.004	59	153543	24.0	26.4	
62 Acenaphthylene	152	7.066	7.065	0.001	96	1061543	24.0	23.2	
63 3-Nitroaniline	138	7.159	7.158	0.001	92	175131	24.0	25.7	
* 64 Acenaphthene-d10	164	7.200	7.202	-0.002	97	195670	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.232	7.231	0.001	83	556539	24.0	24.6	
66 Acenaphthene	154	7.232	7.231	0.001	96	583606	24.0	22.8	
67 2,4-Dinitrophenol	184	7.258	7.254	0.004	91	147365	48.0	49.5	a
68 4-Nitrophenol	65	7.328	7.321	0.007	90	266894	48.0	53.7	
69 2,4-Dinitrotoluene	165	7.383	7.378	0.005	91	198110	24.0	24.0	
70 Dibenzofuran	168	7.395	7.397	-0.002	92	888361	24.0	22.9	
72 2,3,4,6-Tetrachlorophenol	232	7.517	7.516	0.001	91	167931	24.0	24.4	
73 Diethyl phthalate	149	7.626	7.621	0.005	97	749169	24.0	23.5	
75 Fluorene	166	7.722	7.720	0.002	81	680904	24.0	22.7	
74 4-Chlorophenyl phenyl ether	204	7.722	7.723	-0.001	72	322834	24.0	22.8	
76 4-Nitroaniline	138	7.747	7.736	0.011	93	173834	24.0	26.0	
77 4,6-Dinitro-2-methylphenol	198	7.773	7.768	0.005	56	188124	48.0	50.8	
78 N-Nitrosodiphenylamine	169	7.837	7.832	0.005	55	481067	24.0	23.2	
79 1,2-Diphenylhydrazine	77	7.875	7.874	0.001	97	700614	24.0	23.1	
$ 80 2,4,6-Tribromophenol	330	7.949	7.947	0.002	94	115046	24.0	26.0	
81 4-Bromophenyl phenyl ether	248	8.185	8.184	0.001	84	171157	24.0	22.8	
82 Hexachlorobenzene	284	8.249	8.251	-0.002	97	225272	24.0	23.7	
83 Atrazine	200	8.342	8.340	0.002	84	49251	6.40	6.73	
84 Pentachlorophenol	266	8.435	8.433	0.002	89	265181	48.0	52.8	
85 Pentachloronitrobenzene	237	8.451	8.449	0.002	87	98936	24.0	26.2	
86 n-Octadecane	57	8.528	8.526	0.002	89	621761	24.0	23.5	
* 87 Phenanthrene-d10	188	8.604	8.606	-0.002	99	318262	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.630	8.628	0.002	98	965998	24.0	23.0	
89 Anthracene	178	8.678	8.676	0.002	97	972394	24.0	22.8	
90 Carbazole	167	8.828	8.829	-0.001	83	896653	24.0	23.4	
91 Di-n-butyl phthalate	149	9.173	9.171	0.002	99	1209627	24.0	24.0	
92 Fluoranthene	202	9.754	9.755	-0.001	97	962074	24.0	23.3	
93 Benzidine	184	9.882	9.880	0.002	99	581764	24.0	26.2	
94 Pyrene	202	9.969	9.966	0.003	96	982563	24.0	22.6	
95 Bisphenol-A	213	10.020	10.021	-0.001	97	362637	24.0	25.1	
$ 96 Terphenyl-d14	244	10.122	10.123	-0.001	98	730447	24.0	23.1	
97 Butyl benzyl phthalate	149	10.627	10.624	0.003	95	482097	24.0	25.5	
99 Carbamazepine	193	10.739	10.733	0.006	91	389257	24.0	27.9	
100 3,3'-Dichlorobenzidine	252	11.221	11.219	0.002	99	354344	24.0	26.6	
101 Benzo[a]anthracene	228	11.244	11.241	0.003	100	873769	24.0	22.9	
* 102 Chrysene-d12	240	11.257	11.254	0.003	91	251941	8.00	8.00	
104 Chrysene	228	11.289	11.286	0.003	95	840127	24.0	23.2	
103 Bis(2-ethylhexyl) phthalate	149	11.311	11.312	-0.001	85	744795	24.0	26.4	
105 Di-n-octyl phthalate	149	12.174	12.171	0.003	94	1255248	24.0	25.8	
106 Benzo[b]fluoranthene	252	12.666	12.663	0.003	95	861407	24.0	24.0	
107 Benzo[k]fluoranthene	252	12.707	12.701	0.006	95	867443	24.0	23.7	
108 Benzo[a]pyrene	252	13.126	13.120	0.006	95	843866	24.0	24.2	
* 109 Perylene-d12	264	13.203	13.203	0.000	96	252342	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.787	14.778	0.009	93	792324	24.0	25.7	
111 Dibenz(a,h)anthracene	278	14.826	14.817	0.009	94	829374	24.0	26.0	
112 Benzo[g,h,i]perylene	276	15.229	15.216	0.013	90	842547	24.0	24.3	
S 119 Total Cresols	1				0			46.8	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNAL9_LVI_00003 Amount Added: 1.00 Units: mL

Report Date: 10-Mar-2022 14:08:40 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234656.D

Injection Date: 10-Mar-2022 11:04:30 Instrument ID: CBNAMS17

Lims ID: STD24

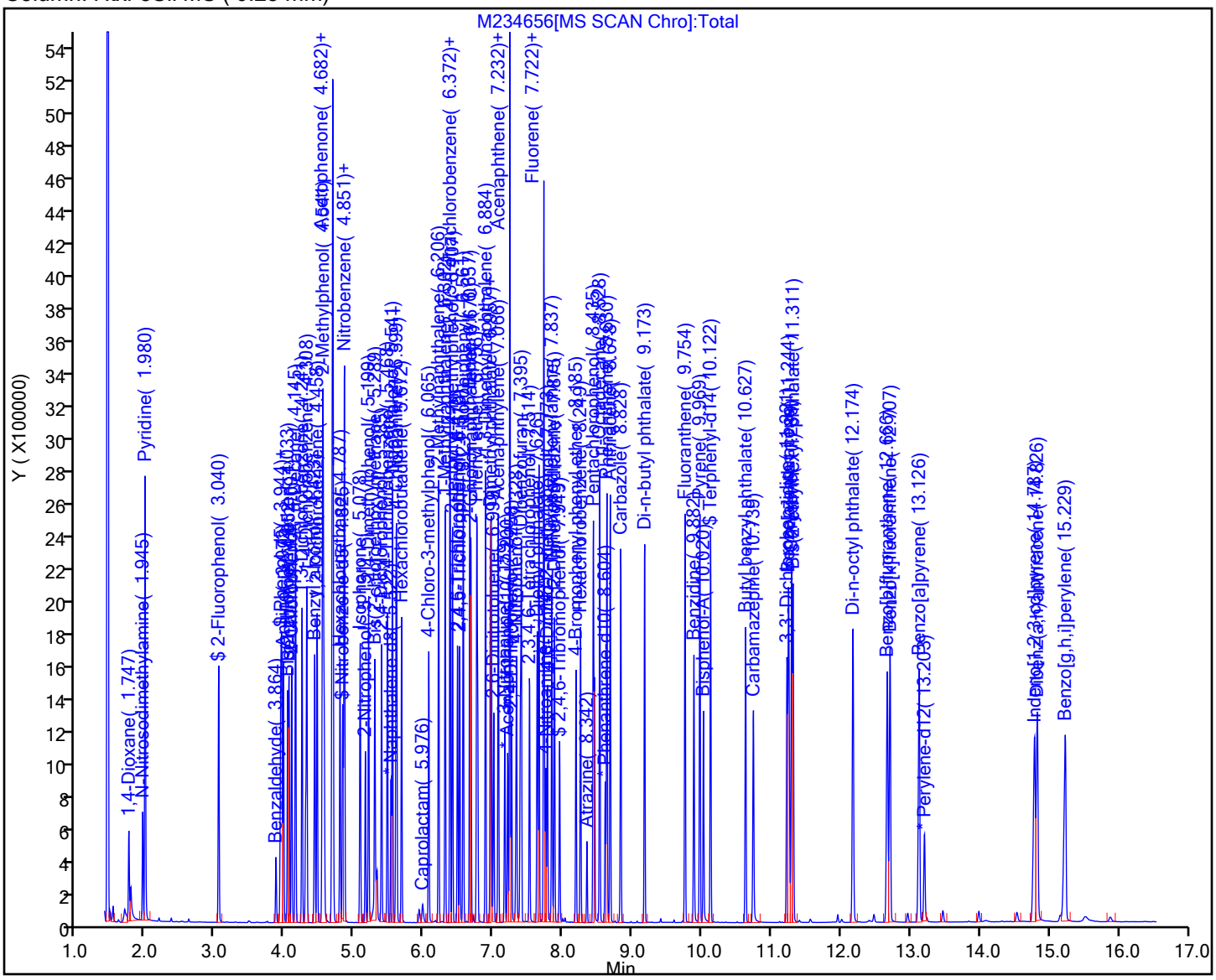
Client ID:

Operator ID: ALS Bottle#: 3 Worklist Smp#: 3

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234657.D
Lims ID: STD16
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 10-Mar-2022 11:25:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142495-004
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub22

Method: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2022 14:08:44 Calib Date: 10-Mar-2022 13:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234663.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: johnstonm1 Date: 10-Mar-2022 11:46:33

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.750	1.747	0.003	92	105776	16.0	14.9	
	2 N-Nitrosodimethylamine	74	1.951	1.945	0.006	76	158705	16.0	15.8	
	3 Pyridine	79	1.983	1.980	0.003	74	506165	32.0	32.6	
$	4 2-Fluorophenol	112	3.040	3.040	0.000	91	284440	16.0	16.1	
	5 Benzaldehyde	77	3.863	3.864	-0.001	87	66709	4.80	4.46	
$	6 Phenol-d5	99	3.930	3.927	0.003	96	343111	16.0	15.9	
	7 Phenol	94	3.943	3.940	0.003	97	346693	16.0	16.1	
	8 Aniline	93	3.969	3.969	0.000	13	406825	16.0	15.9	
	9 Bis(2-chloroethyl)ether	93	4.030	4.030	0.000	87	251946	16.0	16.1	
	10 Benzonitrile	103	4.049	4.046	0.003	98	537961	NC	NC	
	11 2-Chlorophenol	128	4.090	4.087	0.003	90	287921	16.0	16.2	
	12 n-Decane	43	4.145	4.145	0.000	93	401581	16.0	15.6	
	13 1,3-Dichlorobenzene	146	4.240	4.240	0.000	96	330196	16.0	15.9	
*	14 1,4-Dichlorobenzene-d4	152	4.291	4.292	-0.001	96	105184	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.307	4.308	-0.001	94	338490	16.0	16.1	
	16 Benzyl alcohol	108	4.419	4.419	0.000	90	177464	16.0	16.1	
	17 1,2-Dichlorobenzene	146	4.458	4.458	0.000	92	316989	16.0	15.9	
	18 2-Methylphenol	108	4.531	4.528	0.003	85	248995	16.0	16.1	
	19 2,2'-oxybis[1-chloropropane]	45	4.557	4.557	0.000	92	523244	16.0	15.7	
	20 N-Methylaniline	106	4.672	4.669	0.003	81	442786	16.0	16.5	
	21 Acetophenone	105	4.678	4.678	0.000	80	372047	16.0	15.7	
	24 4-Methylphenol	108	4.681	4.681	0.000	70	277483	16.0	16.0	
	23 3 & 4 Methylphenol	108	4.681	4.681	0.000	78	278529	16.0	16.1	
	22 N-Nitrosodi-n-propylamine	70	4.681	4.681	0.000	75	185235	16.0	15.9	
	25 Hexachloroethane	117	4.787	4.787	0.000	93	127729	16.0	16.1	
$	27 Nitrobenzene-d5	82	4.825	4.822	0.003	93	281457	16.0	16.3	
	28 Nitrobenzene	123	4.844	4.841	0.003	84	131316	16.0	17.7	
	29 n,n'-Dimethylaniline	120	4.851	4.847	0.004	86	421041	16.0	15.9	
	30 Isophorone	82	5.074	5.071	0.003	96	488301	16.0	15.8	
	32 2-Nitrophenol	139	5.151	5.151	0.000	87	123562	16.0	17.7	
	33 2,4-Dimethylphenol	122	5.196	5.196	0.000	90	231531	16.0	16.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.301	5.285	0.016	90	111008	16.0	16.3	
34 Bis(2-chloroethoxy)methane	93	5.285	5.285	0.000	92	297470	16.0	15.9	
36 2,4-Dichlorophenol	162	5.384	5.384	0.000	94	226235	16.0	16.3	
37 1,2,4-Trichlorobenzene	180	5.467	5.467	0.000	95	240388	16.0	15.8	
* 38 Naphthalene-d8	136	5.518	5.522	-0.004	99	380792	8.00	8.00	
39 Naphthalene	128	5.541	5.541	0.000	99	770568	16.0	15.8	
40 4-Chloroaniline	127	5.592	5.592	0.000	94	325843	16.0	16.1	
130 2,6-Dichlorophenol	162	5.601	5.601	0.000	93	221706	16.0	16.1	
41 Hexachlorobutadiene	225	5.672	5.675	-0.003	92	143422	16.0	16.3	
42 Caprolactam	113	5.953	5.905	0.048	84	18619	4.80	5.58	M
43 4-Chloro-3-methylphenol	107	6.065	6.065	0.000	95	210099	16.0	16.3	
44 2-Methylnaphthalene	142	6.205	6.205	0.000	81	500118	16.0	15.8	
45 1-Methylnaphthalene	142	6.301	6.301	0.000	91	457709	16.0	15.9	
46 Hexachlorocyclopentadiene	237	6.368	6.371	-0.003	82	172422	16.0	16.5	
47 1,2,4,5-Tetrachlorobenzene	216	6.371	6.371	0.000	94	231530	16.0	15.8	
48 2-tertbutyl-4-methylphenol	149	6.406	6.406	0.000	80	308656	16.0	16.3	
49 2,4,6-Trichlorophenol	196	6.477	6.480	-0.003	88	153777	16.0	17.2	
50 2,4,5-Trichlorophenol	196	6.509	6.509	0.000	96	165313	16.0	16.7	
$ 51 2-Fluorobiphenyl	172	6.560	6.560	0.000	97	552534	16.0	15.6	
52 1,1'-Biphenyl	154	6.653	6.656	-0.003	97	574967	16.0	15.8	
53 2-Chloronaphthalene	162	6.669	6.669	0.000	96	462818	16.0	15.7	
54 Phenyl ether	170	6.755	6.755	0.000	85	322980	16.0	16.2	
55 2-Nitroaniline	65	6.768	6.764	0.004	96	164523	16.0	17.1	
57 1,3-Dimethylnaphthalene	156	6.880	6.883	-0.003	88	358461	16.0	16.2	
59 Dimethyl phthalate	163	6.950	6.950	0.000	98	505772	16.0	15.7	
60 Coumarin	146	6.960	6.959	0.001	74	178215	16.0	15.9	
61 2,6-Dinitrotoluene	165	6.998	6.998	0.000	18	105994	16.0	17.9	
62 Acenaphthylene	152	7.065	7.065	0.000	96	739499	16.0	15.9	
63 3-Nitroaniline	138	7.158	7.158	0.000	92	119607	16.0	17.2	
* 64 Acenaphthene-d10	164	7.199	7.202	-0.003	98	199344	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.231	7.231	0.000	80	376654	16.0	16.3	
66 Acenaphthene	154	7.231	7.231	0.000	95	407978	16.0	15.6	
67 2,4-Dinitrophenol	184	7.254	7.254	0.000	92	97658	32.0	32.7	a
68 4-Nitrophenol	65	7.324	7.321	0.003	90	180338	32.0	35.6	
69 2,4-Dinitrotoluene	165	7.378	7.378	0.000	91	135876	16.0	16.2	
70 Dibenzofuran	168	7.394	7.397	-0.003	92	616568	16.0	15.6	
72 2,3,4,6-Tetrachlorophenol	232	7.513	7.516	-0.003	91	118103	16.0	16.8	
73 Diethyl phthalate	149	7.625	7.621	0.003	97	511416	16.0	15.7	
75 Fluorene	166	7.720	7.720	0.000	80	468103	16.0	15.3	
74 4-Chlorophenyl phenyl ether	204	7.720	7.723	-0.003	72	225097	16.0	15.6	
76 4-Nitroaniline	138	7.740	7.736	0.004	92	118820	16.0	17.4	
77 4,6-Dinitro-2-methylphenol	198	7.769	7.768	0.000	25	125862	32.0	34.1	
78 N-Nitrosodiphenylamine	169	7.832	7.832	0.000	52	331227	16.0	15.8	
79 1,2-Diphenylhydrazine	77	7.871	7.874	-0.003	97	484022	16.0	15.8	
$ 80 2,4,6-Tribromophenol	330	7.948	7.947	0.001	93	78662	16.0	17.4	
81 4-Bromophenyl phenyl ether	248	8.184	8.184	0.000	84	120639	16.0	15.9	
82 Hexachlorobenzene	284	8.248	8.251	-0.003	98	153319	16.0	16.0	
83 Atrazine	200	8.341	8.340	0.001	84	38838	4.80	5.27	
84 Pentachlorophenol	266	8.430	8.433	-0.003	89	180846	32.0	35.7	
85 Pentachloronitrobenzene	237	8.449	8.449	0.000	87	67168	16.0	17.7	
86 n-Octadecane	57	8.526	8.526	0.000	89	423967	16.0	15.9	
* 87 Phenanthrene-d10	188	8.603	8.606	-0.003	99	320718	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.629	8.628	0.001	98	665210	16.0	15.7	
89 Anthracene	178	8.677	8.676	0.001	97	677479	16.0	15.8	
90 Carbazole	167	8.827	8.829	-0.002	83	617694	16.0	16.0	
91 Di-n-butyl phthalate	149	9.172	9.171	0.001	99	825193	16.0	16.3	
92 Fluoranthene	202	9.753	9.755	-0.002	97	664285	16.0	15.9	
93 Benzidine	184	9.880	9.880	0.000	99	385056	16.0	17.2	
94 Pyrene	202	9.967	9.966	0.001	96	679910	16.0	15.8	
95 Bisphenol-A	213	10.018	10.021	-0.003	97	234110	16.0	16.5	
$ 96 Terphenyl-d14	244	10.120	10.123	-0.003	98	493707	16.0	15.8	
97 Butyl benzyl phthalate	149	10.625	10.624	0.001	95	320813	16.0	17.2	
99 Carbamazepine	193	10.734	10.733	0.001	91	253948	16.0	18.4	
100 3,3'-Dichlorobenzidine	252	11.219	11.219	0.000	99	235079	16.0	17.9	
101 Benzo[a]anthracene	228	11.242	11.241	0.001	100	592287	16.0	15.7	
* 102 Chrysene-d12	240	11.254	11.254	0.000	92	249082	8.00	8.00	
104 Chrysene	228	11.286	11.286	0.000	95	568074	16.0	15.8	
103 Bis(2-ethylhexyl) phthalate	149	11.309	11.312	-0.003	85	493309	16.0	17.7	
105 Di-n-octyl phthalate	149	12.168	12.171	-0.003	94	819648	16.0	17.3	
106 Benzo[b]fluoranthene	252	12.660	12.663	-0.003	94	564758	16.0	16.2	
107 Benzo[k]fluoranthene	252	12.702	12.701	0.001	95	576404	16.0	16.2	
108 Benzo[a]pyrene	252	13.120	13.120	0.000	94	562208	16.0	16.6	
* 109 Perylene-d12	264	13.200	13.203	-0.003	96	245166	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.778	14.778	0.000	93	513629	16.0	17.1	
111 Dibenz(a,h)anthracene	278	14.817	14.817	0.000	94	534831	16.0	17.3	
112 Benzo[g,h,i]perylene	276	15.216	15.216	0.000	90	548673	16.0	16.3	
S 119 Total Cresols	1				0			32.2	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNAL8_LVI_00004 Amount Added: 1.00 Units: mL

Report Date: 10-Mar-2022 14:08:46 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234657.D

Injection Date: 10-Mar-2022 11:25:30 Instrument ID: CBNAMS17

Lims ID: STD16

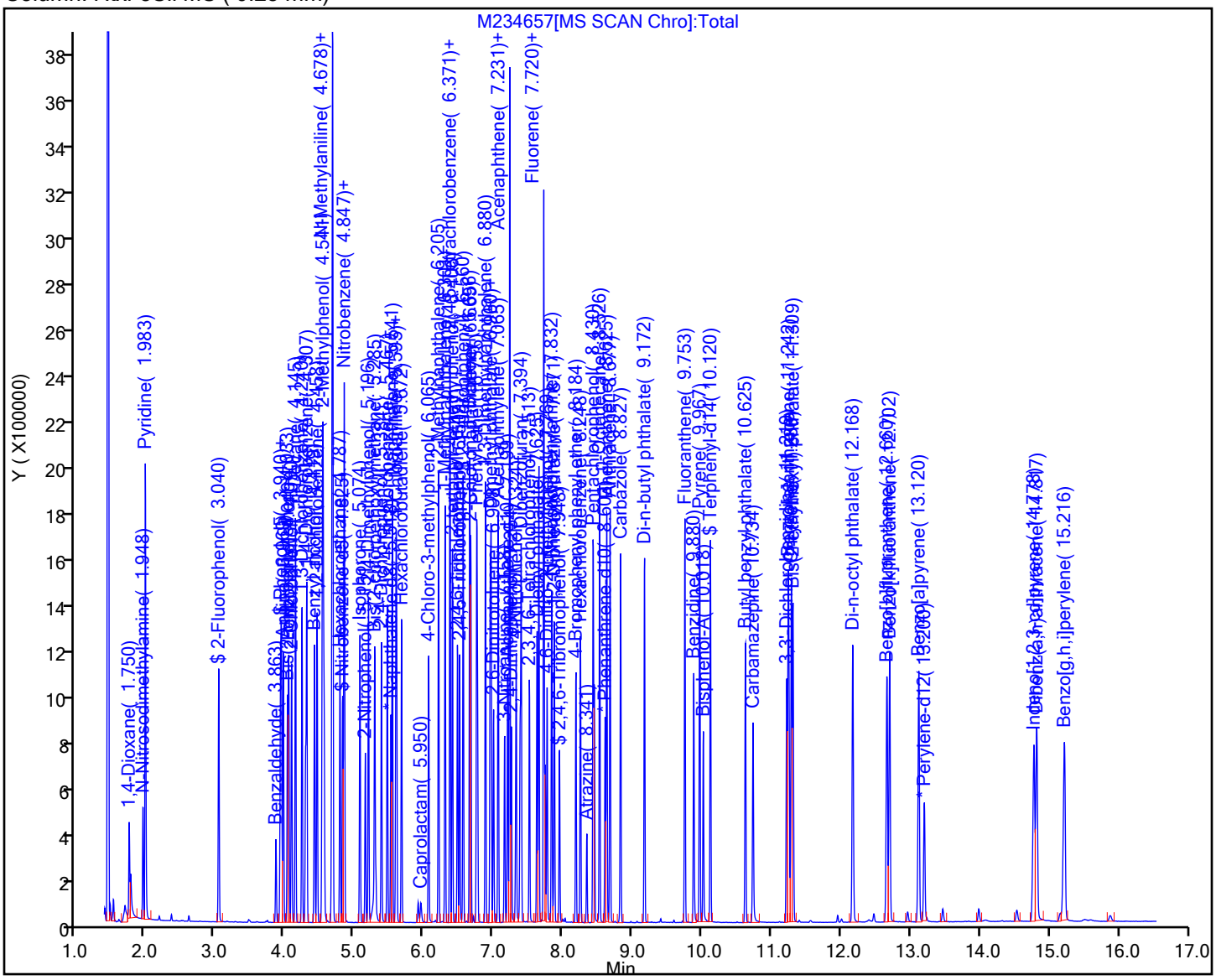
Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234658.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 10-Mar-2022 11:47:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142495-005
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub22

Method: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2022 14:08:50 Calib Date: 10-Mar-2022 13:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234663.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: johnstonm1 Date: 10-Mar-2022 12:06:11

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.756	1.756	0.000	92	29914	4.00	3.85	M
	2 N-Nitrosodimethylamine	74	1.951	1.951	0.000	73	42851	4.00	3.90	
	3 Pyridine	79	1.990	1.990	0.000	74	134046	8.00	7.91	
$	4 2-Fluorophenol	112	3.043	3.043	0.000	91	76648	4.00	3.99	
	5 Benzaldehyde	77	3.863	3.863	0.000	86	49537	3.20	3.04	
$	6 Phenol-d5	99	3.924	3.924	0.000	96	91935	4.00	3.91	
	7 Phenol	94	3.937	3.937	0.000	98	92042	4.00	3.91	
	8 Aniline	93	3.969	3.969	0.000	76	108389	4.00	3.89	
	9 Bis(2-chloroethyl)ether	93	4.026	4.026	0.000	86	66638	4.00	3.89	
	10 Benzonitrile	103	4.042	4.042	0.000	96	142265	NC	NC	
	11 2-Chlorophenol	128	4.087	4.087	0.000	93	75179	4.00	3.88	
	12 n-Decane	43	4.144	4.144	0.000	93	110253	4.00	3.92	
	13 1,3-Dichlorobenzene	146	4.240	4.240	0.000	95	87962	4.00	3.89	
*	14 1,4-Dichlorobenzene-d4	152	4.291	4.291	0.000	97	114732	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.307	4.307	0.000	83	89567	4.00	3.92	
	16 Benzyl alcohol	108	4.416	4.416	0.000	91	46037	4.00	3.84	
	17 1,2-Dichlorobenzene	146	4.457	4.457	0.000	95	85442	4.00	3.93	
	18 2-Methylphenol	108	4.527	4.527	0.000	85	64238	4.00	3.80	
	19 2,2'-oxybis[1-chloropropane]	45	4.553	4.553	0.000	54	140123	4.00	3.85	
	20 N-Methylaniline	106	4.668	4.668	0.000	76	119902	4.00	4.09	
	21 Acetophenone	105	4.674	4.674	0.000	78	100937	4.00	3.90	
	24 4-Methylphenol	108	4.678	4.678	0.000	73	72863	4.00	3.86	
	23 3 & 4 Methylphenol	108	4.678	4.678	0.000	79	72863	4.00	3.85	
	22 N-Nitrosodi-n-propylamine	70	4.678	4.678	0.000	83	48400	4.00	3.82	
	25 Hexachloroethane	117	4.786	4.786	0.000	92	33981	4.00	3.93	
$	27 Nitrobenzene-d5	82	4.821	4.821	0.000	94	75180	4.00	4.02	
	28 Nitrobenzene	123	4.837	4.837	0.000	85	33712	4.00	4.17	
	29 n,n'-Dimethylaniline	120	4.847	4.847	0.000	87	112616	4.00	3.89	
	30 Isophorone	82	5.070	5.070	0.000	98	131476	4.00	3.93	
	32 2-Nitrophenol	139	5.150	5.150	0.000	88	29855	4.00	3.95	
	33 2,4-Dimethylphenol	122	5.195	5.195	0.000	89	61208	4.00	3.93	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	35 Benzoic acid	122	5.252	5.252	0.000	88	18920	4.00	3.35	
	34 Bis(2-chloroethoxy)methane	93	5.284	5.284	0.000	89	78636	4.00	3.90	
	36 2,4-Dichlorophenol	162	5.380	5.380	0.000	94	59553	4.00	3.97	
	37 1,2,4-Trichlorobenzene	180	5.466	5.466	0.000	94	63668	4.00	3.86	
*	38 Naphthalene-d8	136	5.517	5.517	0.000	99	411743	8.00	8.00	
	39 Naphthalene	128	5.540	5.540	0.000	90	208751	4.00	3.95	
	40 4-Chloroaniline	127	5.588	5.588	0.000	94	86432	4.00	3.95	
	130 2,6-Dichlorophenol	162	5.600	5.600	0.000	96	59565	4.00	4.00	
	41 Hexachlorobutadiene	225	5.671	5.671	0.000	93	38234	4.00	4.01	
	42 Caprolactam	113	5.891	5.891	0.000	84	11883	3.20	3.29	
	43 4-Chloro-3-methylphenol	107	6.060	6.060	0.000	93	55295	4.00	3.97	
	44 2-Methylnaphthalene	142	6.204	6.204	0.000	83	133792	4.00	3.91	
	45 1-Methylnaphthalene	142	6.300	6.300	0.000	89	121519	4.00	3.91	
	46 Hexachlorocyclopentadiene	237	6.367	6.367	0.000	80	44377	4.00	3.86	
	47 1,2,4,5-Tetrachlorobenzene	216	6.370	6.370	0.000	95	62765	4.00	3.88	
	48 2-tertbutyl-4-methylphenol	149	6.402	6.402	0.000	83	79834	4.00	3.90	
	49 2,4,6-Trichlorophenol	196	6.475	6.475	0.000	88	39202	4.00	3.97	
	50 2,4,5-Trichlorophenol	196	6.507	6.507	0.000	94	41523	4.00	3.80	
$	51 2-Fluorobiphenyl	172	6.559	6.559	0.000	97	154135	4.00	3.96	
	52 1,1'-Biphenyl	154	6.651	6.651	0.000	97	154989	4.00	3.87	
	53 2-Chloronaphthalene	162	6.667	6.667	0.000	95	126538	4.00	3.90	
	54 Phenyl ether	170	6.753	6.753	0.000	86	86509	4.00	3.94	
	55 2-Nitroaniline	65	6.763	6.763	0.000	92	41041	4.00	3.87	
	57 1,3-Dimethylnaphthalene	156	6.878	6.878	0.000	89	96056	4.00	3.93	
	59 Dimethyl phthalate	163	6.942	6.942	0.000	98	138316	4.00	3.90	
	60 Coumarin	146	6.955	6.955	0.000	74	47972	4.00	3.95	
	61 2,6-Dinitrotoluene	165	6.993	6.993	0.000	72	26476	4.00	4.05	
	62 Acenaphthylene	152	7.060	7.060	0.000	95	199949	4.00	3.90	
	63 3-Nitroaniline	138	7.150	7.150	0.000	92	29554	4.00	3.86	
*	64 Acenaphthene-d10	164	7.197	7.197	0.000	98	219636	8.00	8.00	
	65 3,5-di-tert-butyl-4-hydroxytol	205	7.229	7.229	0.000	72	97408	4.00	3.84	
	66 Acenaphthene	154	7.229	7.229	0.000	94	110704	4.00	3.85	
	67 2,4-Dinitrophenol	184	7.249	7.249	0.000	89	19010	8.00	7.00	a
	68 4-Nitrophenol	65	7.313	7.313	0.000	90	43702	8.00	7.83	
	69 2,4-Dinitrotoluene	165	7.373	7.373	0.000	89	33206	4.00	3.69	
	70 Dibenzofuran	168	7.392	7.392	0.000	91	170907	4.00	3.93	
	72 2,3,4,6-Tetrachlorophenol	232	7.511	7.511	0.000	90	29736	4.00	3.85	
	73 Diethyl phthalate	149	7.616	7.616	0.000	96	139191	4.00	3.89	
	75 Fluorene	166	7.718	7.718	0.000	81	133488	4.00	3.97	
	74 4-Chlorophenyl phenyl ether	204	7.718	7.718	0.000	70	61539	4.00	3.88	
	76 4-Nitroaniline	138	7.728	7.728	0.000	92	29155	4.00	3.88	
	77 4,6-Dinitro-2-methylphenol	198	7.763	7.763	0.000	9	26707	8.00	7.23	
	78 N-Nitrosodiphenylamine	169	7.830	7.830	0.000	52	90082	4.00	3.83	
	79 1,2-Diphenylhydrazine	77	7.869	7.869	0.000	97	132197	4.00	3.85	
$	80 2,4,6-Tribromophenol	330	7.942	7.942	0.000	91	20529	4.00	4.13	
	81 4-Bromophenyl phenyl ether	248	8.182	8.182	0.000	84	32483	4.00	3.83	
	82 Hexachlorobenzene	284	8.245	8.245	0.000	96	42500	4.00	3.95	
	83 Atrazine	200	8.338	8.338	0.000	84	26392	3.20	3.19	
	84 Pentachlorophenol	266	8.427	8.427	0.000	91	43590	8.00	7.66	
	85 Pentachloronitrobenzene	237	8.447	8.447	0.000	86	16095	4.00	3.77	
	86 n-Octadecane	57	8.523	8.523	0.000	87	113915	4.00	3.81	
*	87 Phenanthrene-d10	188	8.603	8.603	0.000	99	360037	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.626	8.626	0.000	96	181532	4.00	3.82	
89 Anthracene	178	8.670	8.670	0.000	96	186670	4.00	3.87	
90 Carbazole	167	8.824	8.824	0.000	83	168589	4.00	3.88	
91 Di-n-butyl phthalate	149	9.169	9.169	0.000	99	221082	4.00	3.88	
92 Fluoranthene	202	9.749	9.749	0.000	97	180173	4.00	3.85	
93 Benzidine	184	9.877	9.877	0.000	99	101293	4.00	4.04	
94 Pyrene	202	9.963	9.963	0.000	96	187739	4.00	3.90	
95 Bisphenol-A	213	10.015	10.015	0.000	96	51818	4.00	3.62	
$ 96 Terphenyl-d14	244	10.117	10.117	0.000	97	138281	4.00	3.95	
97 Butyl benzyl phthalate	149	10.621	10.621	0.000	94	81263	4.00	3.88	
99 Carbamazepine	193	10.727	10.727	0.000	91	58097	4.00	3.75	
100 3,3'-Dichlorobenzidine	252	11.215	11.215	0.000	100	60083	4.00	4.07	
101 Benzo[a]anthracene	228	11.238	11.238	0.000	99	163869	4.00	3.87	
* 102 Chrysene-d12	240	11.250	11.250	0.000	97	279329	8.00	8.00	
104 Chrysene	228	11.279	11.279	0.000	95	154049	4.00	3.83	
103 Bis(2-ethylhexyl) phthalate	149	11.308	11.308	0.000	84	125965	4.00	4.03	
105 Di-n-octyl phthalate	149	12.167	12.167	0.000	93	202626	4.00	3.82	
106 Benzo[b]fluoranthene	252	12.656	12.656	0.000	96	150493	4.00	3.85	
107 Benzo[k]fluoranthene	252	12.691	12.691	0.000	98	156623	4.00	3.92	
108 Benzo[a]pyrene	252	13.112	13.112	0.000	95	150542	4.00	3.96	
* 109 Perylene-d12	264	13.199	13.199	0.000	97	274936	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.767	14.767	0.000	97	133247	4.00	3.96	
111 Dibenz(a,h)anthracene	278	14.805	14.805	0.000	94	140446	4.00	4.05	
112 Benzo[g,h,i]perylene	276	15.198	15.198	0.000	88	145608	4.00	3.86	
S 119 Total Cresols	1				0			7.66	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNAL6_LVI_00005 Amount Added: 1.00 Units: mL

Report Date: 10-Mar-2022 14:08:52 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234658.D

Injection Date: 10-Mar-2022 11:47:30 Instrument ID: CBNAMS17

Lims ID: STD4

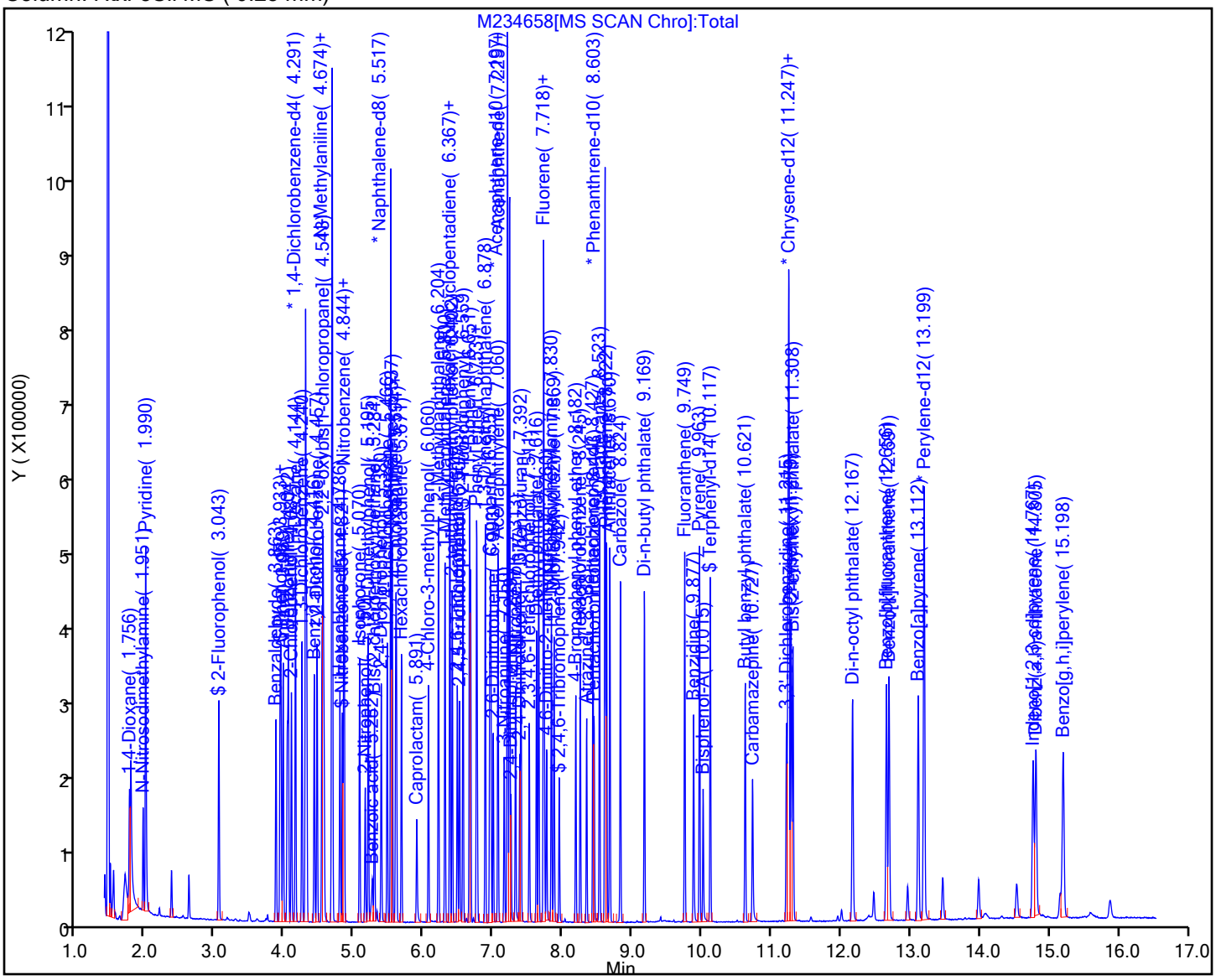
Client ID:

Operator ID: ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234659.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 10-Mar-2022 12:08:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142495-006
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub22

Method: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2022 14:08:56 Calib Date: 10-Mar-2022 13:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234663.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: johnstonm1 Date: 10-Mar-2022 12:37:26

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.757	1.756	0.001	86	17734	2.00	2.19	M
	2 N-Nitrosodimethylamine	74	1.951	1.951	0.000	73	23893	2.00	2.09	
	3 Pyridine	79	1.990	1.990	0.000	74	74320	4.00	4.21	
$	4 2-Fluorophenol	112	3.040	3.043	-0.003	90	37246	2.00	1.86	
	5 Benzaldehyde	77	3.863	3.863	0.000	87	32691	2.00	1.92	
$	6 Phenol-d5	99	3.921	3.924	-0.003	96	46284	2.00	1.89	
	7 Phenol	94	3.933	3.937	-0.004	97	49855	2.00	2.03	
	8 Aniline	93	3.965	3.969	-0.004	73	58882	2.00	2.03	
	9 Bis(2-chloroethyl)ether	93	4.026	4.026	0.000	85	36803	2.00	2.06	
	10 Benzonitrile	103	4.039	4.042	-0.003	98	73934	NC	NC	
	11 2-Chlorophenol	128	4.087	4.087	0.000	93	41624	2.00	2.06	
	12 n-Decane	43	4.144	4.144	0.000	92	61448	2.00	2.10	
	13 1,3-Dichlorobenzene	146	4.237	4.240	-0.003	94	48709	2.00	2.07	
*	14 1,4-Dichlorobenzene-d4	152	4.291	4.291	0.000	96	119599	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.307	4.307	0.000	80	48813	2.00	2.05	
	16 Benzyl alcohol	108	4.416	4.416	0.000	90	25207	2.00	2.02	
	17 1,2-Dichlorobenzene	146	4.457	4.457	0.000	95	47099	2.00	2.08	
	18 2-Methylphenol	108	4.524	4.527	-0.003	86	36550	2.00	2.08	
	19 2,2'-oxybis[1-chloropropane]	45	4.553	4.553	0.000	54	78956	2.00	2.08	
	20 N-Methylaniline	106	4.665	4.668	-0.003	80	61426	2.00	2.01	
	21 Acetophenone	105	4.674	4.674	0.000	79	55503	2.00	2.06	
	24 4-Methylphenol	108	4.674	4.678	-0.004	71	40907	2.00	2.08	
	23 3 & 4 Methylphenol	108	4.674	4.678	-0.004	81	40907	2.00	2.08	
	22 N-Nitrosodi-n-propylamine	70	4.677	4.678	-0.001	91	26920	2.00	2.04	
	25 Hexachloroethane	117	4.786	4.786	0.000	93	18620	2.00	2.07	
$	27 Nitrobenzene-d5	82	4.818	4.821	-0.003	92	37613	2.00	1.87	
	28 Nitrobenzene	123	4.837	4.837	0.000	84	17748	2.00	2.10	
	29 n,n'-Dimethylaniline	120	4.847	4.847	0.000	87	58042	2.00	1.92	
	30 Isophorone	82	5.067	5.070	-0.003	96	74218	2.00	2.07	
	32 2-Nitrophenol	139	5.150	5.150	0.000	86	15734	2.00	1.94	
	33 2,4-Dimethylphenol	122	5.191	5.195	-0.004	89	34058	2.00	2.04	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.239	5.252	-0.013	68	8278	2.00	1.91	
34 Bis(2-chloroethoxy)methane	93	5.281	5.284	-0.003	92	44156	2.00	2.04	
36 2,4-Dichlorophenol	162	5.380	5.380	0.000	93	32066	2.00	1.99	
37 1,2,4-Trichlorobenzene	180	5.466	5.466	0.000	95	35347	2.00	2.00	
* 38 Naphthalene-d8	136	5.517	5.517	0.000	99	441934	8.00	8.00	
39 Naphthalene	128	5.536	5.540	-0.004	89	116517	2.00	2.05	
40 4-Chloroaniline	127	5.587	5.588	-0.001	94	48473	2.00	2.06	
130 2,6-Dichlorophenol	162	5.600	5.600	0.000	96	32619	2.00	2.04	
41 Hexachlorobutadiene	225	5.670	5.671	-0.001	92	21008	2.00	2.05	
42 Caprolactam	113	5.888	5.891	-0.003	83	7764	2.00	2.01	
43 4-Chloro-3-methylphenol	107	6.060	6.060	0.000	92	29977	2.00	2.01	
44 2-Methylnaphthalene	142	6.204	6.204	0.000	80	75078	2.00	2.04	
45 1-Methylnaphthalene	142	6.296	6.300	-0.004	89	68528	2.00	2.05	
46 Hexachlorocyclopentadiene	237	6.366	6.367	-0.001	74	23960	2.00	1.93	
47 1,2,4,5-Tetrachlorobenzene	216	6.370	6.370	0.000	95	35028	2.00	2.00	
48 2-tertbutyl-4-methylphenol	149	6.402	6.402	0.000	82	42729	2.00	1.95	
49 2,4,6-Trichlorophenol	196	6.475	6.475	0.000	87	21221	2.00	1.99	
50 2,4,5-Trichlorophenol	196	6.507	6.507	0.000	91	21949	2.00	1.86	
$ 51 2-Fluorobiphenyl	172	6.558	6.559	-0.001	96	76564	2.00	1.82	
52 1,1'-Biphenyl	154	6.651	6.651	0.000	97	86432	2.00	2.00	
53 2-Chloronaphthalene	162	6.667	6.667	0.000	95	70668	2.00	2.02	
54 Phenyl ether	170	6.753	6.753	0.000	86	45984	2.00	1.94	
55 2-Nitroaniline	65	6.759	6.763	-0.004	84	21090	2.00	1.84	
57 1,3-Dimethylnaphthalene	156	6.877	6.878	-0.001	88	50473	2.00	1.91	
59 Dimethyl phthalate	163	6.941	6.942	-0.001	98	77940	2.00	2.03	
60 Coumarin	146	6.954	6.955	-0.001	75	25823	2.00	1.98	
61 2,6-Dinitrotoluene	165	6.992	6.993	-0.001	87	14046	2.00	1.99	
62 Acenaphthylene	152	7.060	7.060	0.000	96	114468	2.00	2.06	
63 3-Nitroaniline	138	7.149	7.150	-0.001	90	15629	2.00	1.89	
* 64 Acenaphthene-d10	164	7.197	7.197	0.000	99	237428	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.229	7.229	0.000	61	51819	2.00	1.89	
66 Acenaphthene	154	7.226	7.229	-0.003	90	63135	2.00	2.03	
67 2,4-Dinitrophenol	184	7.248	7.249	-0.001	87	8329	4.00	3.72	a
68 4-Nitrophenol	65	7.312	7.313	-0.001	89	21699	4.00	3.60	
69 2,4-Dinitrotoluene	165	7.373	7.373	0.000	88	17482	2.00	1.87	
70 Dibenzofuran	168	7.392	7.392	0.000	88	96346	2.00	2.05	
72 2,3,4,6-Tetrachlorophenol	232	7.510	7.511	-0.001	87	15795	2.00	1.89	
73 Diethyl phthalate	149	7.615	7.616	-0.001	95	78154	2.00	2.02	
75 Fluorene	166	7.714	7.718	-0.004	82	74497	2.00	2.05	
74 4-Chlorophenyl phenyl ether	204	7.718	7.718	0.000	71	34876	2.00	2.03	
76 4-Nitroaniline	138	7.727	7.728	-0.001	92	14950	2.00	1.84	
77 4,6-Dinitro-2-methylphenol	198	7.759	7.763	-0.004	1	12961	4.00	3.83	
78 N-Nitrosodiphenylamine	169	7.829	7.830	-0.001	43	51351	2.00	2.05	
79 1,2-Diphenylhydrazine	77	7.868	7.869	-0.001	98	73477	2.00	2.01	
$ 80 2,4,6-Tribromophenol	330	7.941	7.942	-0.001	85	9813	2.00	1.82	
81 4-Bromophenyl phenyl ether	248	8.181	8.182	-0.001	83	18441	2.00	2.04	
82 Hexachlorobenzene	284	8.244	8.245	-0.001	96	23445	2.00	2.05	
83 Atrazine	200	8.337	8.338	-0.001	84	16958	2.00	1.93	
84 Pentachlorophenol	266	8.427	8.427	0.000	85	21156	4.00	3.50	
85 Pentachloronitrobenzene	237	8.443	8.447	-0.004	75	8081	2.00	1.78	
86 n-Octadecane	57	8.522	8.523	-0.001	87	64618	2.00	2.03	
* 87 Phenanthrene-d10	188	8.602	8.603	-0.001	99	383062	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.625	8.626	-0.001	94	105022	2.00	2.08	
89 Anthracene	178	8.673	8.670	0.003	98	104665	2.00	2.04	
90 Carbazole	167	8.823	8.824	-0.001	83	94550	2.00	2.05	
91 Di-n-butyl phthalate	149	9.167	9.169	-0.001	99	120870	2.00	1.99	
92 Fluoranthene	202	9.748	9.749	-0.001	97	100808	2.00	2.03	
93 Benzidine	184	9.876	9.877	-0.001	98	50353	2.00	1.89	
94 Pyrene	202	9.962	9.963	-0.001	96	105824	2.00	2.05	
95 Bisphenol-A	213	10.013	10.015	-0.002	92	25465	2.00	1.90	
$ 96 Terphenyl-d14	244	10.119	10.117	0.002	97	70118	2.00	1.87	
97 Butyl benzyl phthalate	149	10.620	10.621	-0.001	94	42067	2.00	1.88	
99 Carbamazepine	193	10.725	10.727	-0.002	88	30436	2.00	1.84	
100 3,3'-Dichlorobenzidine	252	11.214	11.215	-0.001	98	30200	2.00	1.91	
101 Benzo[a]anthracene	228	11.236	11.238	-0.002	99	91001	2.00	2.01	
* 102 Chrysene-d12	240	11.249	11.250	-0.001	97	298812	8.00	8.00	
104 Chrysene	228	11.278	11.279	-0.001	94	86949	2.00	2.02	
103 Bis(2-ethylhexyl) phthalate	149	11.307	11.308	-0.001	84	67046	2.00	2.01	
105 Di-n-octyl phthalate	149	12.165	12.167	-0.002	91	105531	2.00	1.88	
106 Benzo[b]fluoranthene	252	12.654	12.656	-0.002	96	84551	2.00	2.04	
107 Benzo[k]fluoranthene	252	12.689	12.691	-0.002	98	87183	2.00	2.06	
108 Benzo[a]pyrene	252	13.111	13.112	-0.002	94	83575	2.00	2.08	
* 109 Perylene-d12	264	13.197	13.199	-0.002	96	291267	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.762	14.767	-0.005	96	72360	2.00	2.03	
111 Dibenz(a,h)anthracene	278	14.803	14.805	-0.002	93	79138	2.00	2.15	
112 Benzo[g,h,i]perylene	276	15.196	15.198	-0.002	86	79809	2.00	2.00	
S 119 Total Cresols	1				0			4.15	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNAL5_LVI_00004 Amount Added: 1.00 Units: mL

Report Date: 10-Mar-2022 14:08:58 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234659.D

Injection Date: 10-Mar-2022 12:08:30 Instrument ID: CBNAMS17

Lims ID: STD2

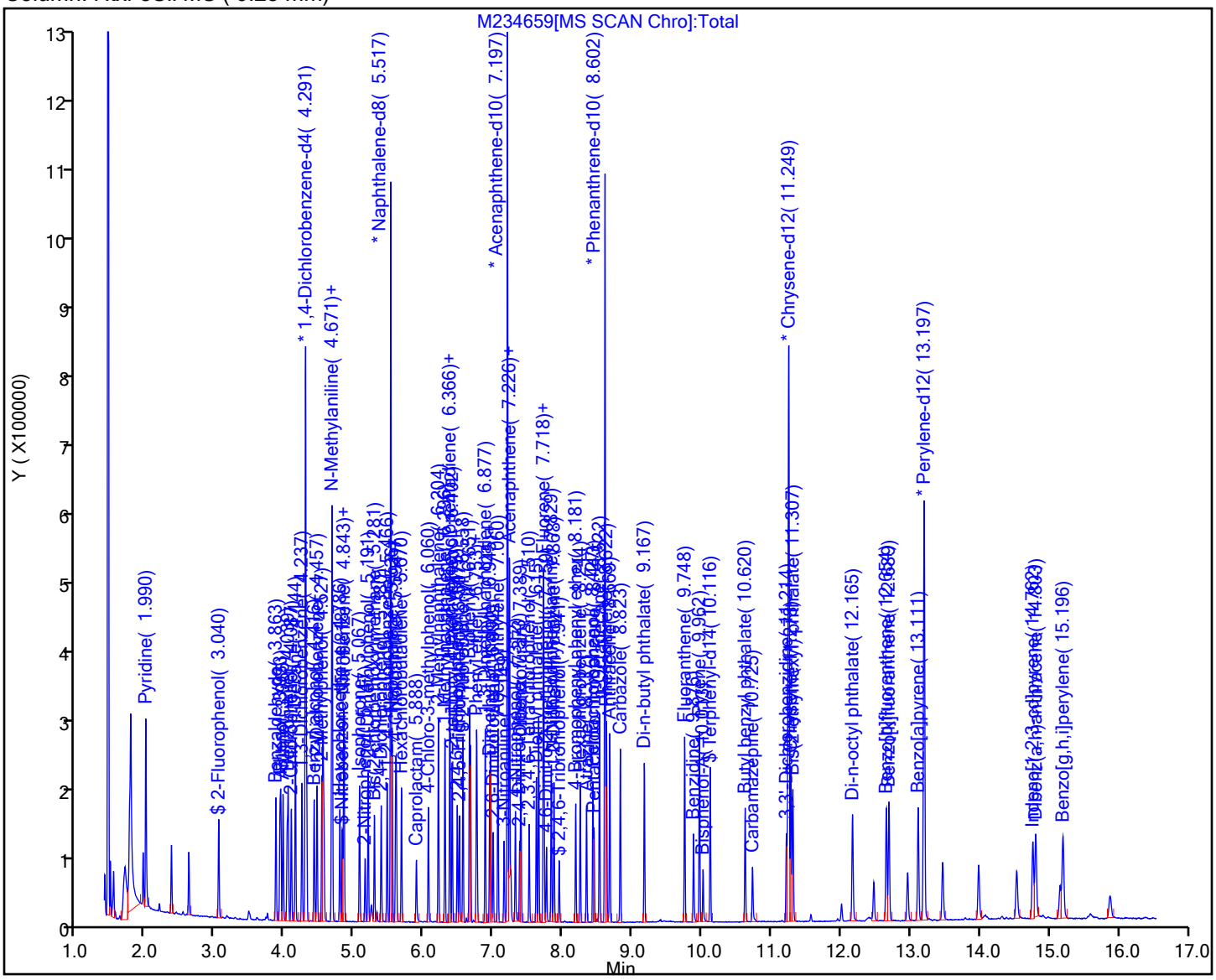
Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 6

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234660.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 10-Mar-2022 12:29:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142495-007
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub22

Method: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2022 14:09:01 Calib Date: 10-Mar-2022 13:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234663.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: johnstonm1 Date: 10-Mar-2022 13:00:43

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.760	1.756	0.004	86	10296	1.00	1.25	M
	2 N-Nitrosodimethylamine	74	1.954	1.951	0.003	74	12047	1.00	1.03	
	3 Pyridine	79	1.993	1.990	0.003	75	38919	2.00	2.16	
$	4 2-Fluorophenol	112	3.040	3.043	-0.003	89	20090	1.00	0.9846	
	5 Benzaldehyde	77	3.863	3.863	0.000	88	17090	1.00	0.9877	
$	6 Phenol-d5	99	3.920	3.924	-0.004	95	24148	1.00	0.9668	
	7 Phenol	94	3.933	3.937	-0.004	95	25686	1.00	1.03	
	8 Aniline	93	3.965	3.969	-0.004	88	31467	1.00	1.06	
	9 Bis(2-chloroethyl)ether	93	4.026	4.026	0.000	84	19064	1.00	1.05	
	10 Benzonitrile	103	4.039	4.042	-0.003	90	38355	NC	NC	
	11 2-Chlorophenol	128	4.086	4.087	-0.001	90	20602	1.00	1.00	
	12 n-Decane	43	4.144	4.144	0.000	93	31570	1.00	1.06	
	13 1,3-Dichlorobenzene	146	4.236	4.240	-0.004	94	25143	1.00	1.05	
*	14 1,4-Dichlorobenzene-d4	152	4.291	4.291	0.000	97	121779	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.307	4.307	0.000	75	25244	1.00	1.04	
	16 Benzyl alcohol	108	4.415	4.416	-0.001	90	13069	1.00	1.03	
	17 1,2-Dichlorobenzene	146	4.457	4.457	0.000	95	23893	1.00	1.04	
	18 2-Methylphenol	108	4.524	4.527	-0.003	86	18455	1.00	1.03	
	19 2,2'-oxybis[1-chloropropane]	45	4.553	4.553	0.000	55	40647	1.00	1.05	
	20 N-Methylaniline	106	4.664	4.668	-0.004	81	31891	1.00	1.02	
	21 Acetophenone	105	4.671	4.674	-0.003	79	29339	1.00	1.07	
	24 4-Methylphenol	108	4.674	4.678	-0.004	68	20860	1.00	1.04	
	23 3 & 4 Methylphenol	108	4.674	4.678	-0.004	81	20860	1.00	1.04	
	22 N-Nitrosodi-n-propylamine	70	4.677	4.678	-0.001	90	14089	1.00	1.05	
	25 Hexachloroethane	117	4.786	4.786	0.000	92	9965	1.00	1.09	
$	27 Nitrobenzene-d5	82	4.818	4.821	-0.003	93	19499	1.00	0.9606	
	28 Nitrobenzene	123	4.837	4.837	0.000	84	9209	1.00	1.07	
	29 n,n'-Dimethylaniline	120	4.846	4.847	-0.001	85	30339	1.00	0.9881	
	30 Isophorone	82	5.070	5.070	0.000	97	37315	1.00	1.03	
	32 2-Nitrophenol	139	5.150	5.150	0.000	81	7060	1.00	0.8604	
	33 2,4-Dimethylphenol	122	5.191	5.195	-0.004	88	17067	1.00	1.01	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.229	5.252	-0.023	30	2680	1.00	1.23	
34 Bis(2-chloroethoxy)methane	93	5.284	5.284	0.000	91	22525	1.00	1.03	
36 2,4-Dichlorophenol	162	5.379	5.380	-0.001	92	15948	1.00	0.9796	
37 1,2,4-Trichlorobenzene	180	5.466	5.466	0.000	92	19119	1.00	1.07	
* 38 Naphthalene-d8	136	5.517	5.517	0.000	99	447134	8.00	8.00	
39 Naphthalene	128	5.536	5.540	-0.004	76	58273	1.00	1.02	
40 4-Chloroaniline	127	5.587	5.588	-0.001	94	24704	1.00	1.04	
130 2,6-Dichlorophenol	162	5.600	5.600	0.000	91	16005	1.00	0.99	
41 Hexachlorobutadiene	225	5.673	5.671	0.002	89	10815	1.00	1.05	
42 Caprolactam	113	5.884	5.891	-0.007	79	3562	1.00	0.9095	
43 4-Chloro-3-methylphenol	107	6.059	6.060	-0.001	89	14351	1.00	0.9489	
44 2-Methylnaphthalene	142	6.203	6.204	-0.001	82	37897	1.00	1.02	
45 1-Methylnaphthalene	142	6.299	6.300	-0.001	88	35523	1.00	1.05	
46 Hexachlorocyclopentadiene	237	6.366	6.367	-0.001	66	11799	1.00	0.9393	
47 1,2,4,5-Tetrachlorobenzene	216	6.369	6.370	-0.001	94	18165	1.00	1.03	
48 2-tertbutyl-4-methylphenol	149	6.401	6.402	-0.001	80	21793	1.00	0.9810	
49 2,4,6-Trichlorophenol	196	6.474	6.475	-0.001	85	10561	1.00	0.9790	
50 2,4,5-Trichlorophenol	196	6.506	6.507	-0.001	90	11423	1.00	0.9569	
$ 51 2-Fluorobiphenyl	172	6.558	6.559	-0.001	96	41955	1.00	0.9847	
52 1,1'-Biphenyl	154	6.650	6.651	-0.001	96	44768	1.00	1.02	
53 2-Chloronaphthalene	162	6.666	6.667	-0.001	95	36125	1.00	1.02	
54 Phenyl ether	170	6.752	6.753	-0.001	84	24027	1.00	1.00	
55 2-Nitroaniline	65	6.759	6.763	-0.004	78	10738	1.00	0.9251	
57 1,3-Dimethylnaphthalene	156	6.877	6.878	-0.001	87	25961	1.00	0.9724	
59 Dimethyl phthalate	163	6.941	6.942	-0.001	97	38788	1.00	1.00	
60 Coumarin	146	6.953	6.955	-0.002	76	13210	1.00	1.00	
61 2,6-Dinitrotoluene	165	6.992	6.993	-0.001	84	6664	1.00	0.9332	
62 Acenaphthylene	152	7.059	7.060	-0.001	95	58184	1.00	1.04	
63 3-Nitroaniline	138	7.148	7.150	-0.002	86	7200	1.00	0.8604	
* 64 Acenaphthene-d10	164	7.196	7.197	-0.001	99	240151	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.228	7.229	-0.001	59	27342	1.00	0.9849	
66 Acenaphthene	154	7.228	7.229	-0.001	88	33139	1.00	1.05	
67 2,4-Dinitrophenol	184	7.247	7.249	-0.002	90	3549	2.00	2.42	a
68 4-Nitrophenol	65	7.311	7.313	-0.002	87	9973	2.00	1.63	
69 2,4-Dinitrotoluene	165	7.372	7.373	-0.001	84	7959	1.00	0.9129	
70 Dibenzofuran	168	7.391	7.392	-0.001	88	48570	1.00	1.02	
72 2,3,4,6-Tetrachlorophenol	232	7.512	7.511	0.001	82	7837	1.00	0.9274	
73 Diethyl phthalate	149	7.614	7.616	-0.002	95	39468	1.00	1.01	
75 Fluorene	166	7.717	7.718	-0.001	80	37959	1.00	1.03	
74 4-Chlorophenyl phenyl ether	204	7.717	7.718	-0.001	71	18029	1.00	1.04	
76 4-Nitroaniline	138	7.726	7.728	-0.002	89	7080	1.00	0.8614	
77 4,6-Dinitro-2-methylphenol	198	7.758	7.763	-0.005	72	5169	2.00	2.08	a
78 N-Nitrosodiphenylamine	169	7.828	7.830	-0.002	29	26172	1.00	1.02	
79 1,2-Diphenylhydrazine	77	7.867	7.869	-0.002	97	38483	1.00	1.02	
$ 80 2,4,6-Tribromophenol	330	7.943	7.942	0.001	70	4890	1.00	0.8991	
81 4-Bromophenyl phenyl ether	248	8.180	8.182	-0.002	82	9412	1.00	1.01	
82 Hexachlorobenzene	284	8.243	8.245	-0.002	93	12587	1.00	1.07	
83 Atrazine	200	8.336	8.338	-0.002	75	8493	1.00	0.9366	
84 Pentachlorophenol	266	8.429	8.427	0.002	81	10493	2.00	1.68	
85 Pentachloronitrobenzene	237	8.445	8.447	-0.002	76	4312	1.00	0.9219	
86 n-Octadecane	57	8.521	8.523	-0.002	77	31553	1.00	0.9625	
* 87 Phenanthrene-d10	188	8.601	8.603	-0.002	99	394410	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.624	8.626	-0.002	86	53345	1.00	1.03	
89 Anthracene	178	8.671	8.670	0.001	95	53956	1.00	1.02	
90 Carbazole	167	8.822	8.824	-0.002	83	48489	1.00	1.02	
91 Di-n-butyl phthalate	149	9.169	9.169	0.001	98	59763	1.00	0.9579	
92 Fluoranthene	202	9.747	9.749	-0.002	96	51816	1.00	1.01	
93 Benzidine	184	9.875	9.877	-0.002	92	23074	1.00	0.8395	
94 Pyrene	202	9.961	9.963	-0.002	96	53290	1.00	1.01	
95 Bisphenol-A	213	10.015	10.015	0.000	67	10846	1.00	1.04	
$ 96 Terphenyl-d14	244	10.117	10.117	0.000	94	37332	1.00	0.9752	
97 Butyl benzyl phthalate	149	10.619	10.621	-0.002	94	19343	1.00	0.8449	
99 Carbamazepine	193	10.724	10.727	-0.003	92	13180	1.00	0.7783	a
100 3,3'-Dichlorobenzidine	252	11.212	11.215	-0.003	93	14338	1.00	0.8883	
101 Benzo[a]anthracene	228	11.235	11.238	-0.003	80	46804	1.00	1.01	
* 102 Chrysene-d12	240	11.247	11.250	-0.003	97	305372	8.00	8.00	
104 Chrysene	228	11.276	11.279	-0.003	95	45339	1.00	1.03	
103 Bis(2-ethylhexyl) phthalate	149	11.308	11.308	0.000	65	30984	1.00	0.9076	
105 Di-n-octyl phthalate	149	12.167	12.167	0.000	83	47821	1.00	0.8345	
106 Benzo[b]fluoranthene	252	12.652	12.656	-0.004	95	43470	1.00	1.03	
107 Benzo[k]fluoranthene	252	12.687	12.691	-0.004	97	45205	1.00	1.05	
108 Benzo[a]pyrene	252	13.109	13.112	-0.003	93	40993	1.00	1.00	
* 109 Perylene-d12	264	13.198	13.199	-0.001	96	296814	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.760	14.767	-0.007	96	34820	1.00	0.9597	
111 Dibenz(a,h)anthracene	278	14.805	14.805	0.000	91	38290	1.00	1.02	
112 Benzo[g,h,i]perylene	276	15.194	15.198	-0.004	83	38415	1.00	0.9435	
S 119 Total Cresols	1				0			2.07	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNAL4_LVI_00004 Amount Added: 1.00 Units: mL

Report Date: 10-Mar-2022 14:09:03 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234660.D

Injection Date: 10-Mar-2022 12:29:30 Instrument ID: CBNAMS17

Lims ID: STD1

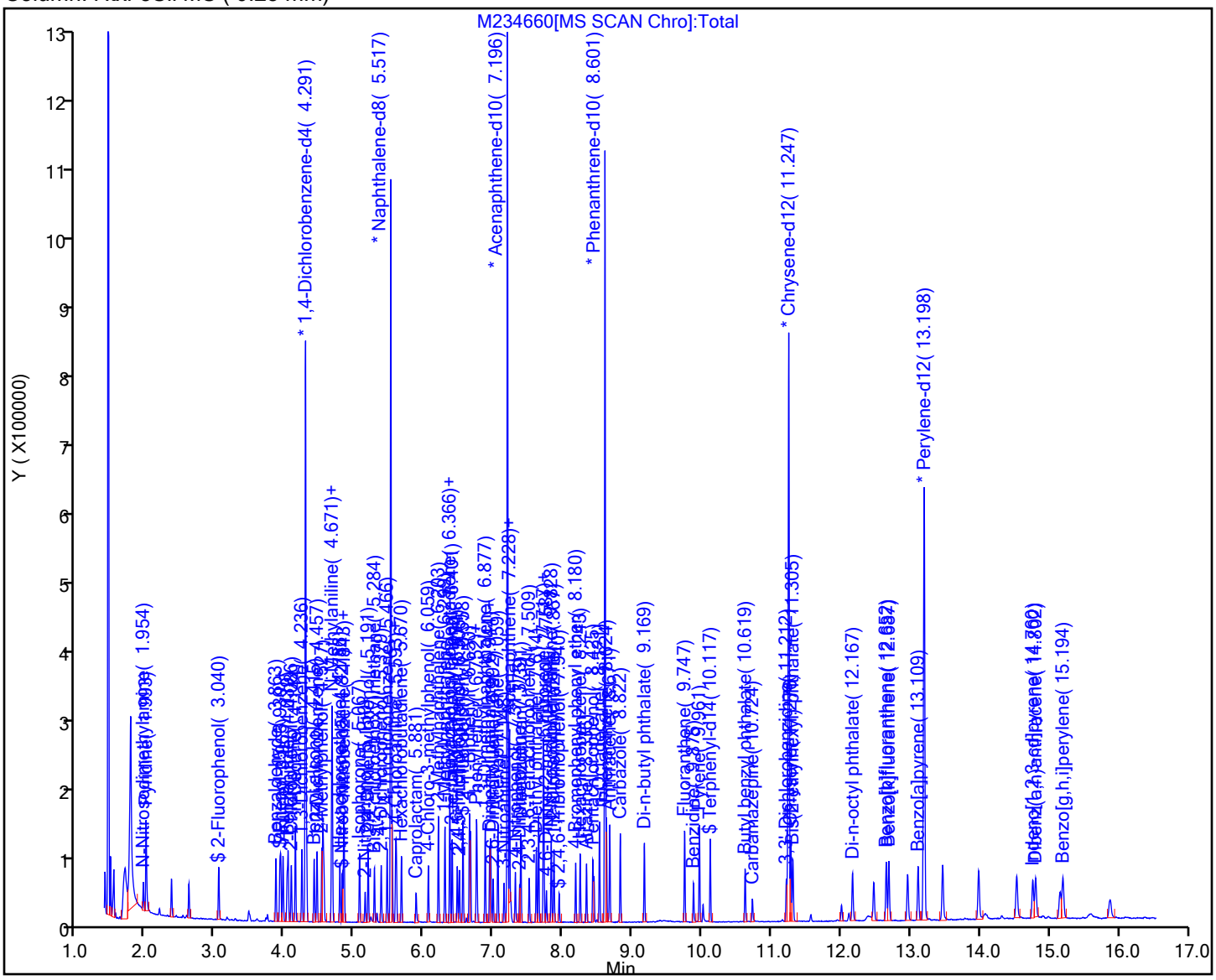
Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 7

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234661.D
Lims ID: STD04
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 10-Mar-2022 12:50:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142495-008
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub22

Method: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2022 14:09:07 Calib Date: 10-Mar-2022 13:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234663.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: johnstonm1 Date: 10-Mar-2022 13:16:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.863	3.863	0.000	87	6746	0.4000	0.4113	
* 14 1,4-Dichlorobenzene-d4	152	4.291	4.291	0.000	97	115438	8.00	8.00	
* 38 Naphthalene-d8	136	5.516	5.517	-0.001	99	421839	8.00	8.00	
42 Caprolactam	113	5.880	5.891	-0.011	72	1247	0.4000	0.3375	
* 64 Acenaphthene-d10	164	7.195	7.197	-0.002	98	229935	8.00	8.00	
83 Atrazine	200	8.335	8.338	-0.003	57	3215	0.4000	0.3766	
* 87 Phenanthrene-d10	188	8.603	8.603	0.000	99	371317	8.00	8.00	
* 102 Chrysene-d12	240	11.246	11.250	-0.004	98	285858	8.00	8.00	
* 109 Perylene-d12	264	13.197	13.199	-0.002	96	281820	8.00	8.00	

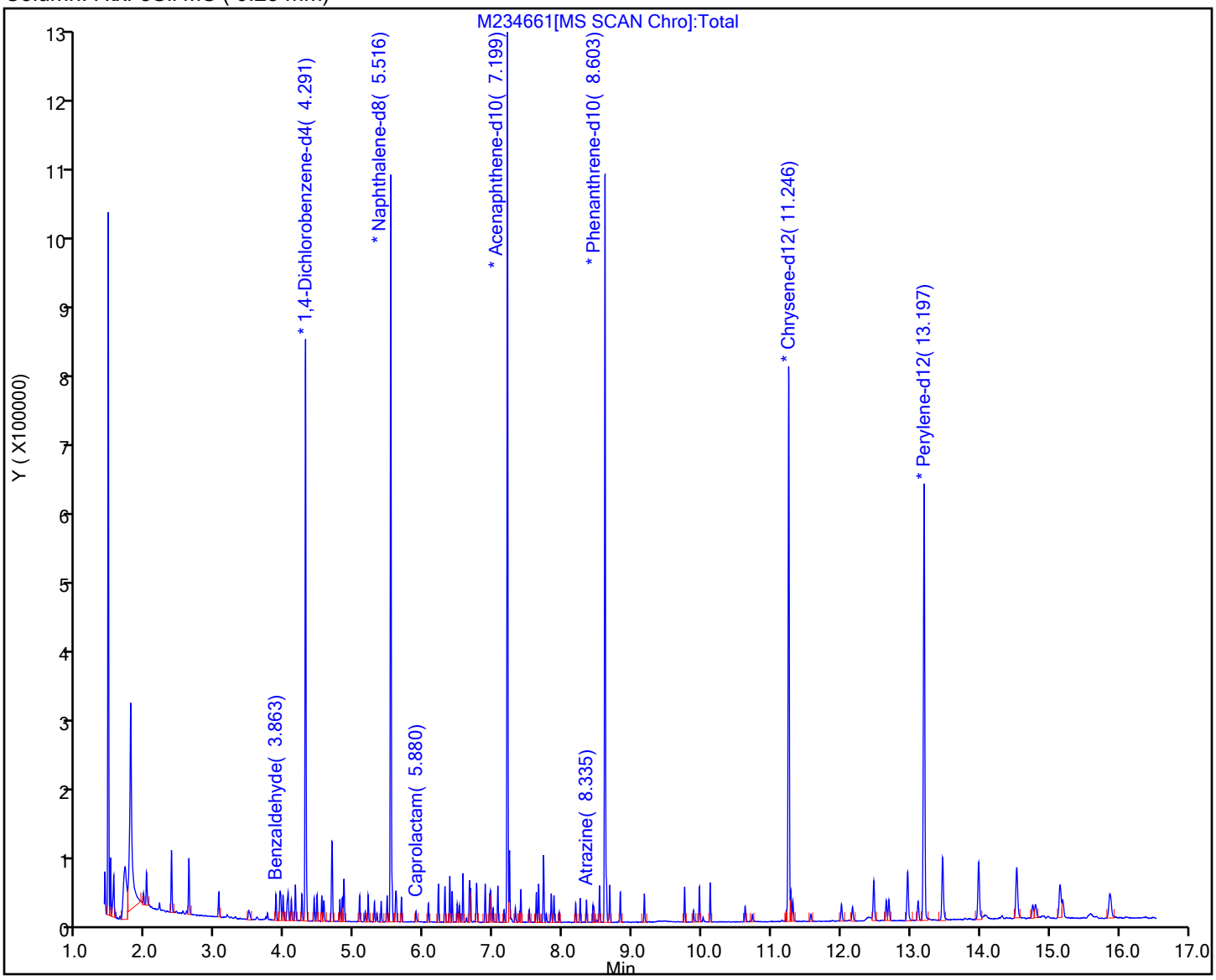
QC Flag Legend
Processing Flags

Reagents:
SV_BNAL3_LVI_00004 Amount Added: 1.00 Units: mL

Report Date: 10-Mar-2022 14:09:08 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234661.D
Injection Date: 10-Mar-2022 12:50:30 Instrument ID: CBNAMS17
Lims ID: STD04
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234662.D
Lims ID: STD02
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 10-Mar-2022 13:11:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142495-009
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub22

Method: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2022 14:09:10 Calib Date: 10-Mar-2022 13:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234663.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: johnstonm1 Date: 10-Mar-2022 13:33:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
3 Pyridine	79	2.006	1.990	0.016	70	6741	0.4000	0.3753	
$ 4 2-Fluorophenol	112	3.040	3.043	-0.003	84	4451	0.2000	0.2185	
5 Benzaldehyde	77	3.863	3.863	0.000	84	3705	0.2000	0.2145	
$ 6 Phenol-d5	99	3.921	3.924	-0.003	90	5238	0.2000	0.2101	
9 Bis(2-chloroethyl)ether	93	4.026	4.026	0.000	65	3719	0.2000	0.2050	
* 14 1,4-Dichlorobenzene-d4	152	4.291	4.291	0.000	96	121558	8.00	8.00	
20 N-Methylaniline	106	4.664	4.668	-0.004	74	5986	0.2000	0.1927	
22 N-Nitrosodi-n-propylamine	70	4.677	4.678	-0.001	89	2599	0.2000	0.1934	
25 Hexachloroethane	117	4.786	4.786	0.000	82	1880	0.2000	0.2054	
$ 27 Nitrobenzene-d5	82	4.818	4.821	-0.003	69	4145	0.2000	0.2085	
28 Nitrobenzene	123	4.837	4.837	0.000	78	1498	0.2000	0.1748	
29 n,n'-Dimethylaniline	120	4.846	4.847	-0.001	82	6396	0.2000	0.2087	
30 Isophorone	82	5.070	5.070	0.000	83	6964	0.2000	0.1960	
37 1,2,4-Trichlorobenzene	180	5.465	5.466	-0.001	66	3491	0.2000	0.1990	
* 38 Naphthalene-d8	136	5.516	5.517	-0.001	99	437926	8.00	8.00	
39 Naphthalene	128	5.536	5.540	-0.004	47	11502	0.2000	0.2046	
40 4-Chloroaniline	127	5.587	5.588	-0.001	83	4473	0.2000	0.1922	
41 Hexachlorobutadiene	225	5.673	5.671	0.002	51	1813	0.2000	0.1789	
42 Caprolactam	113	5.880	5.891	-0.011	62	602	0.2000	0.1569	
44 2-Methylnaphthalene	142	6.203	6.204	-0.001	78	7680	0.2000	0.2109	
45 1-Methylnaphthalene	142	6.298	6.300	-0.002	62	6479	0.2000	0.1960	
48 2-tertbutyl-4-methylphenol	149	6.401	6.402	-0.001	66	4357	0.2000	0.2003	
49 2,4,6-Trichlorophenol	196	6.474	6.475	-0.001	53	1745	0.2000	0.1624	
$ 51 2-Fluorobiphenyl	172	6.557	6.559	-0.002	82	9113	0.2000	0.2147	
61 2,6-Dinitrotoluene	165	6.991	6.993	-0.002	31	1027	0.2000	0.1444	
* 64 Acenaphthene-d10	164	7.195	7.197	-0.002	98	239273	8.00	8.00	
69 2,4-Dinitrotoluene	165	7.374	7.373	0.001	91	1069	0.2000	0.2375	a
$ 80 2,4,6-Tribromophenol	330	7.942	7.942	0.000	1	929	0.2000	0.1714	
82 Hexachlorobenzene	284	8.245	8.245	0.000	55	2265	0.2000	0.1934	
83 Atrazine	200	8.335	8.338	-0.003	18	1595	0.2000	0.1770	
* 87 Phenanthrene-d10	188	8.600	8.603	-0.003	99	391965	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
94 Pyrene	202	9.962	9.963	-0.001	90	10316	0.2000	0.1986	
$ 96 Terphenyl-d14	244	10.116	10.117	-0.001	67	7715	0.2000	0.2042	
100 3,3'-Dichlorobenzidine	252	11.213	11.215	-0.002	13	2345	0.2000	0.1472	
101 Benzo[a]anthracene	228	11.236	11.238	-0.002	41	9229	0.2000	0.2022	
* 102 Chrysene-d12	240	11.249	11.250	-0.001	98	301304	8.00	8.00	
104 Chrysene	228	11.277	11.279	-0.002	75	8686	0.2000	0.2003	
103 Bis(2-ethylhexyl) phthalate	149	11.306	11.308	-0.002	86	4944	0.2000	0.1468	a
106 Benzo[b]fluoranthene	252	12.650	12.656	-0.006	80	8161	0.2000	0.1933	
107 Benzo[k]fluoranthene	252	12.688	12.691	-0.003	72	7863	0.2000	0.1824	
108 Benzo[a]pyrene	252	13.110	13.112	-0.002	84	7590	0.2000	0.1850	
* 109 Perylene-d12	264	13.196	13.199	-0.003	97	296841	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.761	14.767	-0.006	81	6531	0.2000	0.1800	
111 Dibenz(a,h)anthracene	278	14.802	14.805	-0.003	28	6481	0.2000	0.1729	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL2_LVI_00003 Amount Added: 1.00 Units: mL

Report Date: 10-Mar-2022 14:09:12 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234662.D

Injection Date: 10-Mar-2022 13:11:30 Instrument ID: CBNAMS17

Lims ID: STD02

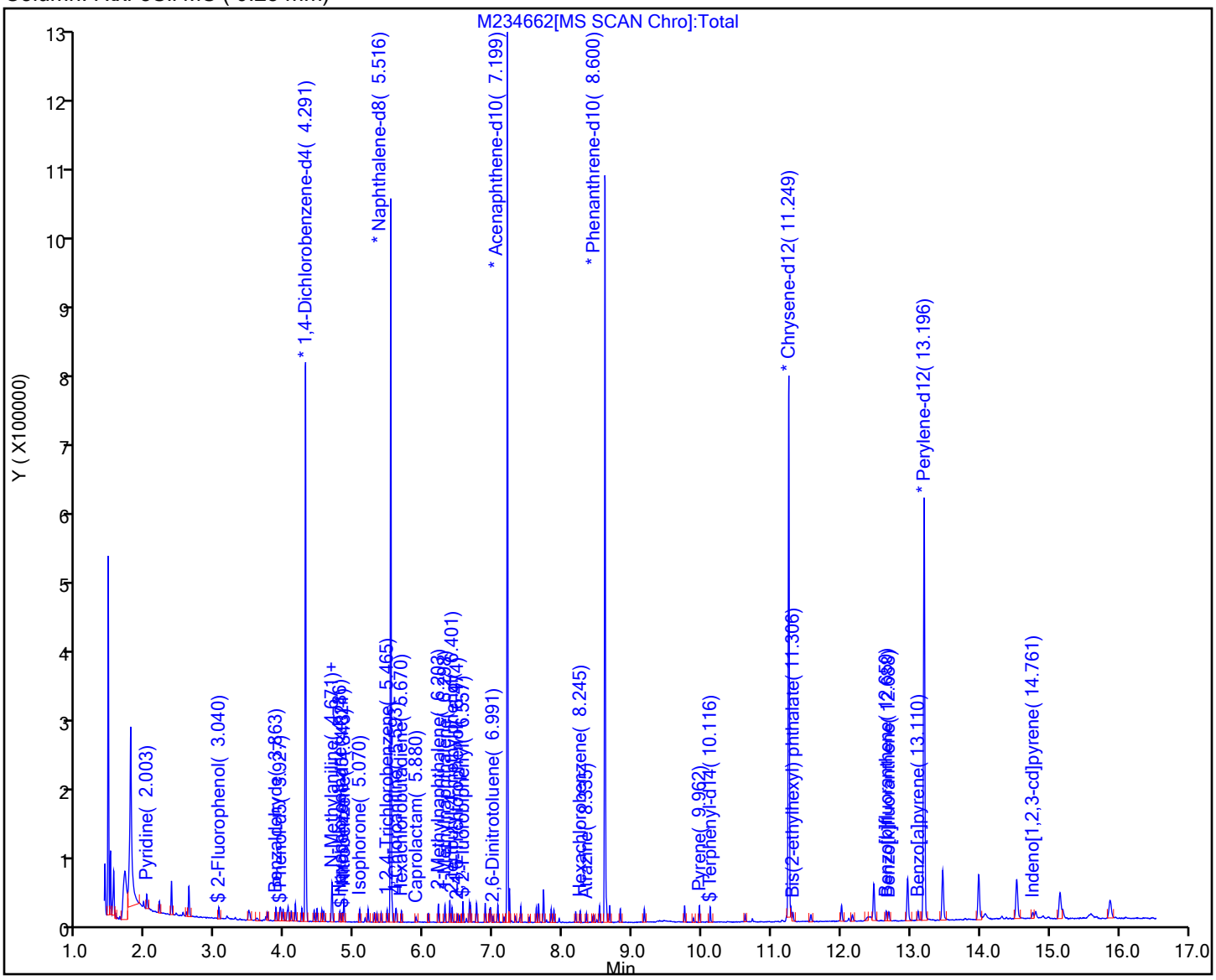
Client ID:

Operator ID: ALS Bottle#: 9 Worklist Smp#: 9

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234663.D
Lims ID: STD01
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 10-Mar-2022 13:32:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142495-010
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub22

Method: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2022 14:09:14 Calib Date: 10-Mar-2022 13:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234663.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: johnstonm1 Date: 10-Mar-2022 13:51:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
3 Pyridine	79	2.015	1.990	0.025	71	3357	0.2000	0.1956	
$ 6 Phenol-d5	99	3.920	3.924	-0.004	73	2665	0.1000	0.1119	
9 Bis(2-chloroethyl)ether	93	4.026	4.026	0.000	61	1635	0.1000	0.0943	
* 14 1,4-Dichlorobenzene-d4	152	4.291	4.291	0.000	97	116129	8.00	8.00	
20 N-Methylaniline	106	4.667	4.668	-0.001	95	2928	0.1000	0.0987	a
22 N-Nitrosodi-n-propylamine	70	4.677	4.678	-0.001	93	1340	0.1000	0.1044	a
25 Hexachloroethane	117	4.785	4.786	-0.001	58	781	0.1000	0.0893	
$ 27 Nitrobenzene-d5	82	4.820	4.821	-0.001	59	2024	0.1000	0.1048	
28 Nitrobenzene	123	4.840	4.837	0.003	63	585	0.1000	0.0714	
29 n,n'-Dimethylaniline	120	4.846	4.847	-0.001	93	3115	0.1000	0.1064	a
37 1,2,4-Trichlorobenzene	180	5.465	5.466	-0.001	39	1678	0.1000	0.0984	
* 38 Naphthalene-d8	136	5.516	5.517	-0.001	99	425533	8.00	8.00	
39 Naphthalene	128	5.538	5.540	-0.002	20	5552	0.1000	0.1016	
40 4-Chloroaniline	127	5.586	5.588	-0.002	56	2190	0.1000	0.0969	
41 Hexachlorobutadiene	225	5.673	5.671	0.002	6	991	0.1000	0.1006	
$ 51 2-Fluorobiphenyl	172	6.556	6.559	-0.003	61	4483	0.1000	0.1087	
* 64 Acenaphthene-d10	164	7.198	7.197	0.001	99	232540	8.00	8.00	
82 Hexachlorobenzene	284	8.245	8.245	0.000	87	1015	0.1000	0.0902	a
* 87 Phenanthrene-d10	188	8.602	8.603	-0.001	99	376869	8.00	8.00	
$ 96 Terphenyl-d14	244	10.118	10.117	0.001	31	3814	0.1000	0.1062	
101 Benzo[a]anthracene	228	11.235	11.238	-0.003	5	4547	0.1000	0.1048	
* 102 Chrysene-d12	240	11.248	11.250	-0.002	98	286374	8.00	8.00	
106 Benzo[b]fluoranthene	252	12.652	12.656	-0.004	66	3922	0.1000	0.0964	
107 Benzo[k]fluoranthene	252	12.690	12.691	-0.001	57	3877	0.1000	0.0933	
108 Benzo[a]pyrene	252	13.109	13.112	-0.003	57	3625	0.1000	0.0917	
* 109 Perylene-d12	264	13.198	13.199	-0.001	96	286076	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.763	14.767	-0.004	43	2926	0.1000	0.0837	
111 Dibenz(a,h)anthracene	278	14.804	14.805	-0.001	18	2741	0.1000	0.0759	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

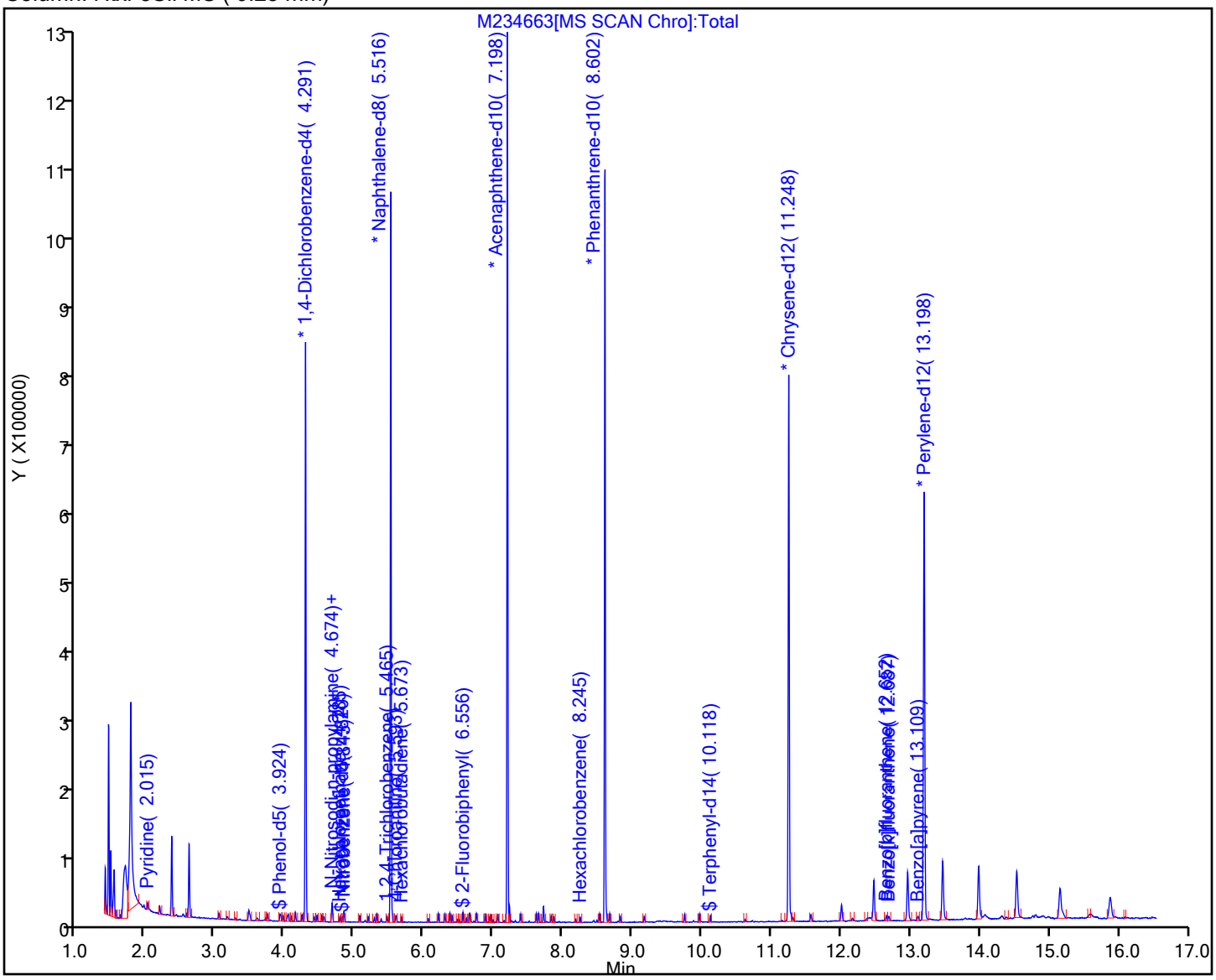
Reagents:

SV_BNAL1_LVI_00003 Amount Added: 1.00 Units: mL

Report Date: 10-Mar-2022 14:09:16 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234663.D
Injection Date: 10-Mar-2022 13:32:30 Instrument ID: CBNAMS17
Lims ID: STD01
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm)



FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-836125/10	X40648.d
Level 2	STD1 460-836125/9	X40647.d
Level 3	STD2 460-836125/8	X40646.d
Level 4	STD5 460-836125/7	X40645.d
Level 5	STD10 460-836125/6	X40644.d
Level 6	STD20 460-836125/5	X40643.d
Level 7	ICIS 460-836125/2	X40640.d
Level 8	STD80 460-836125/4	X40642.d
Level 9	STD120 460-836125/3	X40641.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.5589 0.4724	0.4451 0.4865	0.4536 0.4736	0.4964 0.4639	0.4966	Ave		0.4830			0.0100	6.9		20.0			
N-Nitrosodimethylamine	0.7364	0.8051	0.8085	0.6695 0.7866	0.6993	Ave		0.7509			0.0100	7.8		20.0			
Pyridine	1.2326	0.8818 1.2531	1.0123 1.3107	1.1965 1.2636	1.2526	Ave		1.1754			0.0100	12.6		20.0			
Benzaldehyde	1.0961	1.2289 +++++	1.1334 +++++	1.1806 +++++	1.1174	Ave		1.1513			0.0100	4.6		20.0			
Phenol	1.6110	1.6646	1.6223	1.7291 1.5860	1.6971	Ave		1.6517			0.8000	3.3		20.0			
Aniline	1.9646	1.9784	1.9942	2.0082 1.9424	2.0076	Ave		1.9826			0.0100	1.3		20.0			
Bis(2-chloroethyl)ether	1.0008 1.2083	1.1408 1.2386	1.2222 1.1973	1.1870 1.1752	1.2378	Ave		1.1787			0.7000	6.2		20.0			
2-Chlorophenol	1.3912	1.4293	1.4097	1.4247 1.3541	1.4699	Ave		1.4132			0.8000	2.8		20.0			
n-Decane	1.9543	2.0206	1.9499	2.0583 1.9324	2.0443	Ave		1.9933			0.0100	2.7		20.0			
1,3-Dichlorobenzene	1.5102	1.5179	1.4937	1.5722 1.4466	1.5735	Ave		1.5190			0.0100	3.2		20.0			
1,4-Dichlorobenzene	1.5393	1.5098	1.5078	1.6012 1.4739	1.5869	Ave		1.5365			0.0100	3.2		20.0			
Benzyl alcohol	0.8486	0.8707	0.8625	0.8850 0.8357	0.8785	Ave		0.8635			0.0100	2.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	1.4414	1.4556	1.4250	1.5381 1.3991	1.4838	Ave		1.4572			0.0100	3.3		20.0			
2-Methylphenol	1.1942	1.1923	1.1715	1.2001 1.1422	1.2224	Ave		1.1871			0.7000	2.3		20.0			
2,2'-oxybis[1-chloropropane]	2.4649	2.5714	2.4172	2.4601 2.4166	2.5060	Ave		2.4727			0.0100	2.4		20.0			
3 & 4 Methylphenol	1.3466	1.3538	1.2917	1.3811 1.2523	1.3592	Ave		1.3308			0.0100	3.6		20.0			
4-Methylphenol	1.3466	1.3538	1.2917	1.3811 1.2523	1.3592	Ave		1.3308			0.6000	3.6		20.0			
N-Methylaniline	2.1647	2.0168	2.0657	2.1205 2.0429	2.1062	Ave		2.0861			0.0100	2.6		20.0			
N-Nitrosodi-n-propylamine	0.8735 1.0315	0.9324 1.0349	0.9250 0.9975	1.0569 0.9797	1.0305	Ave		0.9846			0.5000	6.3		20.0			
Acetophenone	1.9409	1.8928	1.7986	1.9986 1.7332	1.9705	Ave		1.8891			0.0100	5.5		20.0			
Hexachloroethane	0.6028 0.5846	0.5769 0.5874	0.5420 0.5779	0.6107 0.5717	0.5737	Ave		0.5809			0.3000	3.4		20.0			
Nitrobenzene	0.6262 0.6508	0.6091 0.6590	0.6200 0.6396	0.6661 0.6089	0.6600	Ave		0.6378			0.2000	3.5		20.0			
n,n'-Dimethylaniline	2.1186 2.1267	2.0333 2.0839	1.9447 2.0327	2.0913 1.9896	2.0631	Ave		2.0538			0.0100	2.9		20.0			
Isophorone	0.6736	0.6806	0.6297 0.6641	0.6745 0.6530	0.6802	Ave		0.6651			0.4000	2.8		20.0			
2-Nitrophenol	0.1935	0.1998	0.1989	0.1934 0.1926	0.2054	Ave		0.1973			0.1000	2.5		20.0			
2,4-Dimethylphenol	0.3296	0.3249	0.2905	0.3525 0.2856	0.3483	Ave		0.3219			0.2000	8.8		20.0			
Benzoic acid	0.1873	0.2193	0.2162	0.0873 0.2206	0.1143	Lin2	-0.755	0.2234			0.0100				0.9910		0.9900
Bis(2-chloroethoxy)methane	0.3991	0.3966	0.3987	0.4149 0.3869	0.4005	Ave		0.3994			0.3000	2.3		20.0			
2,4-Dichlorophenol	0.2902	0.2924	0.2765 0.2970	0.2966 0.2876	0.2980	Ave		0.2912			0.2000	2.6		20.0			
1,2,4-Trichlorobenzene	0.3181 0.3150	0.3213 0.3286	0.3245 0.3143	0.3357 0.3039	0.3334	Ave		0.3217			0.0100	3.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Naphthalene	1.0096	1.0120	1.0068	1.0844 0.9578	1.0781	Ave		1.0248			0.7000	4.7		20.0			
4-Chloroaniline	0.4438	0.4441	0.4388	0.4634 0.4187	0.4715	Ave		0.4467			0.0100	4.2		20.0			
2,6-Dichlorophenol	0.2910	0.2879	0.2816 0.2830	0.3026 0.2753	0.2880	Ave		0.2870				3.0		20.0			
Hexachlorobutadiene	0.1994	0.2191 0.2017	0.2043 0.2012	0.2109 0.1956	0.2050	Ave		0.2046			0.0100	3.6		20.0			
Caprolactam	0.0882	0.0561 0.0924	0.0703 0.0895	0.0793 0.0748	0.0790	Ave		0.0787			0.0100	15.1		20.0			
4-Chloro-3-methylphenol	0.2826	0.2909	0.2897	0.2956 0.2817	0.2977	Ave		0.2897			0.2000	2.3		20.0			
2-Methylnaphthalene	0.6883	0.6786	0.6730	0.7334 0.6447	0.7154	Ave		0.6889			0.4000	4.6		20.0			
1-Methylnaphthalene	0.6277	0.6420	0.6107	0.6536 0.5928	0.6548	Ave		0.6303			0.0100	3.9		20.0			
Hexachlorocyclopentadiene	0.4883	0.5283	0.5091	0.5073 0.4861	0.5193	Ave		0.5064			0.0500	3.3		20.0			
1,2,4,5-Tetrachlorobenzene	0.6322	0.6754	0.6247	0.6445 0.6021	0.6571	Ave		0.6393			0.0100	4.0		20.0			
2-tertbutyl-4-methylphenol	0.4258	0.4284	0.4305	0.4221 0.4158	0.4166	Ave		0.4232			0.0100	1.4		20.0			
2,4,6-Trichlorophenol	0.4207	0.4734	0.3967 0.4128	0.4409 0.3925	0.4462	Ave		0.4262			0.2000	6.8		20.0			
2,4,5-Trichlorophenol	0.4524	0.4684	0.4731	0.4491 0.4529	0.4660	Ave		0.4603			0.2000	2.2		20.0			
1,1'-Biphenyl	1.4939	1.5688	1.4495	1.5298 1.3951	1.5683	Ave		1.5009			0.0100	4.6		20.0			
2-Chloronaphthalene	1.1927	1.2527	1.1335	1.2120 1.0649	1.2084	Ave		1.1773			0.8000	5.7		20.0			
Phenyl ether	0.8492	0.8375	0.8372	0.8299 0.8069	0.7946	Ave		0.8259			0.0100	2.5		20.0			
2-Nitroaniline	0.4767	0.5022	0.4664	0.4754 0.4555	0.4625	Ave		0.4731			0.0100	3.4		20.0			
1,3-Dimethylnaphthalene	0.9484	1.0045	0.9097	0.9334 0.8919	0.9223	Ave		0.9350			0.0100	4.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dimethyl phthalate	1.3266	1.3936	1.2752	1.3877 1.2260	1.3511	Ave		1.3267			0.0100	5.0		20.0			
Coumarin	0.2535	0.2497	0.2442	0.2648 0.2442	0.2486	Ave		0.2508			0.0100	3.1		20.0			
2,6-Dinitrotoluene	0.2969	0.2825 0.3141	0.2654 0.2937	0.3014 0.2802	0.3138	Ave		0.2935			0.2000	5.8		20.0			
Acenaphthylene	1.9150	1.8782	1.8513	1.9921 1.7739	2.0065	Ave		1.9028			0.9000	4.6		20.0			
3-Nitroaniline	0.3466	0.3665	0.3373	0.3515 0.3261	0.3559	Ave		0.3473			0.0100	4.1		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.0841	1.0975	1.0562	1.0640 1.0374	1.0459	Ave		1.0642			0.0100	2.2		20.0			
Acenaphthene	1.2244	1.3162	1.2462	1.2565 1.0155	1.2754	Ave		1.2224			0.9000	8.7		20.0			
2,4-Dinitrophenol	0.1847	0.2005	0.0678 0.2052	0.1346 0.1985	0.1572	Lin2	-0.5500	0.1990			0.0100				0.9970		0.9900
4-Nitrophenol	0.2525	0.2677	0.2666	0.2331 0.2603	0.2456	Ave		0.2543			0.0100	5.3		20.0			
2,4-Dinitrotoluene	0.4105	0.3705 0.4294	0.3869 0.3951	0.3985 0.3861	0.4183	Ave		0.3994			0.2000	4.8		20.0			
Dibenzofuran	1.6134	1.6870	1.5593	1.7284 1.4775	1.6985	Ave		1.6273			0.8000	5.9		20.0			
2,3,4,6-Tetrachlorophenol	0.3731	0.4088	0.3752	0.3792 0.3706	0.3856	Ave		0.3821			0.0100	3.7		20.0			
Diethyl phthalate	1.3475	1.3962	1.2954	1.4002 1.2378	1.3954	Ave		1.3454			0.0100	4.9		20.0			
4-Chlorophenyl phenyl ether	0.6465	0.6700	0.6128	0.6738 0.5811	0.6662	Ave		0.6417			0.4000	5.8		20.0			
Fluorene	1.3171	1.3582	1.2555	1.3464 1.1976	1.3374	Ave		1.3021			0.9000	4.8		20.0			
4-Nitroaniline	0.3483	0.3742	0.3443	0.3394 0.3337	0.3524	Ave		0.3487			0.0100	4.0		20.0			
4,6-Dinitro-2-methylphenol	0.1298	0.1394	0.1002 0.1360	0.1235 0.1281	0.1292	Ave		0.1266			0.0100	10.1		20.0			
N-Nitrosodiphenylamine	0.5062	0.5200	0.5071	0.5431 0.4767	0.5119	Ave		0.5108			0.0100	4.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Diphenylhydrazine	0.7018	0.7550	0.7196	0.7029 0.6776	0.7201	Ave		0.7128			0.0100	3.6		20.0			
4-Bromophenyl phenyl ether	0.2174	0.2345	0.2250	0.2227 0.2163	0.2277	Ave		0.2239			0.1000	3.0		20.0			
Hexachlorobenzene	0.2794 0.2848	0.2977 0.3060	0.2782 0.3020	0.3009 0.2863	0.3029	Ave		0.2931			0.1000	3.7		20.0			
Atrazine	0.2060	0.2059 0.2263	0.1977 0.2159	0.2007 0.2053	0.1901	Ave		0.2060			0.0100	5.4		20.0			
Pentachlorophenol	0.1775	0.1924	0.1472 0.1847	0.1747 0.1792	0.1818	Ave		0.1768			0.0500	8.1		20.0			
Pentachloronitrobenzene	0.1129	0.1173	0.1156	0.1152 0.1116	0.1040	Ave		0.1128			0.0100	4.2		20.0			
n-Octadecane	0.5138	0.5436	0.5082	0.5160 0.4827	0.5024	Ave		0.5111			0.0100	3.9		20.0			
Phenanthrene	1.0277	1.0716	1.0180	1.1081 0.9517	1.0673	Ave		1.0407			0.7000	5.2		20.0			
Anthracene	1.0448	1.0939	1.0505	1.1002 0.9876	1.1058	Ave		1.0638			0.7000	4.3		20.0			
Carbazole	0.9487	0.9944	0.9760	1.0358 0.9085	1.0004	Ave		0.9773			0.0100	4.5		20.0			
Di-n-butyl phthalate	1.2103	1.2613	1.2004	1.2069 1.1303	1.2364	Ave		1.2076			0.0100	3.7		20.0			
Fluoranthene	1.1215	1.2039	1.1476	1.2084 1.0934	1.1989	Ave		1.1623			0.6000	4.2		20.0			
Benzidine	0.6745	0.7348	0.7162	0.7003 0.6907	0.6848	Ave		0.7002			0.0100	3.2		20.0			
Pyrene	1.2105	1.3149	1.2245	1.2470 1.1468	1.2601	Ave		1.2340			0.6000	4.5		20.0			
Bisphenol-A	0.5939	0.6751	0.6066	0.5688 0.6084	0.5979	Ave		0.6085				5.9		20.0			
Butyl benzyl phthalate	0.5148	0.5787	0.5317	0.4895 0.5069	0.5080	Ave		0.5216			0.0100	6.0		20.0			
2,3,7,8-TCDD		0.2141				Ave		0.2141			0.0100			20.0			
Carbamazepine	0.4720	0.5435	0.5333	0.3809 0.5258	0.4285	Ave		0.4807			0.0100	13.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
3,3'-Dichlorobenzidine	0.4669	0.5511	0.4217 0.4747	0.4458 0.4529	0.4599	Ave		0.4676			0.0100	8.7		20.0			
Benzo[a]anthracene	1.3712 1.1671	1.2654 1.2697	1.1983 1.1825	1.2132 1.1334	1.2558	Ave		1.2285			0.8000	5.8		20.0			
Chrysene	1.1602	1.1929	1.0870	1.1930 1.0209	1.2047	Ave		1.1431			0.7000	6.4		20.0			
Bis(2-ethylhexyl) phthalate	0.7619	0.8439	0.7788	0.7318 0.7267	0.7664	Ave		0.7683			0.0100	5.5		20.0			
Di-n-octyl phthalate	1.1375	1.2639	1.1625	1.0447 1.1499	1.1268	Ave		1.1476			0.0100	6.1		20.0			
Benzo[b]fluoranthene	1.0307 1.1262	1.0716 1.1533	1.0557 1.1350	1.1413 1.0986	1.1210	Ave		1.1037			0.7000	3.8		20.0			
Benzo[k]fluoranthene	1.1352 1.0925	1.1447 1.2418	1.0154 1.1462	1.1383 1.1179	1.1474	Ave		1.1311			0.7000	5.2		20.0			
Benzo[a]pyrene	0.9662 1.0804	1.0500 1.1579	0.9997 1.0915	1.0574 1.0665	1.0805	Ave		1.0611			0.7000	5.2		20.0			
Indeno[1,2,3-cd]pyrene	0.9711 1.0657	0.9281 1.2278	0.9519 1.1231	1.0402 1.0979	1.0426	Ave		1.0498			0.5000	8.9		20.0			
Dibenz(a,h)anthracene	0.9685 1.1450	1.0621 1.2170	1.0126 1.1728	1.1113 1.1537	1.1441	Ave		1.1097			0.4000	7.2		20.0			
Benzo[g,h,i]perylene	1.1355	1.2529	1.1771	1.1491 1.1541	1.1566	Ave		1.1709			0.5000	3.6		20.0			
2-Fluorophenol (Surr)	1.3678	1.4442 1.3408	1.5732 1.3743	1.3448 1.3391	1.2596	Ave		1.3805			0.0100	6.7		20.0			
Phenol-d5 (Surr)	1.5392 1.6752	1.6932 1.6643	1.8436 1.6372	1.5799 1.6162	1.5182	Ave		1.6408			0.0100	5.9		20.0			
Nitrobenzene-d5 (Surr)	0.4346 0.4052	0.4192 0.4067	0.4896 0.4047	0.4012 0.3932	0.3830	Ave		0.4153			0.0100	7.6		20.0			
2-Fluorobiphenyl	1.7494 1.4784	1.6138 1.4933	1.8448 1.4070	1.5126 1.3612	1.3863	Ave		1.5385			0.0100	10.8		20.0			
2,4,6-Tribromophenol (Surr)	0.3369	0.3539 0.3482	0.3761 0.3379	0.3218 0.3341	0.3015	Ave		0.3388			0.0100	6.5		20.0			
Terphenyl-d14 (Surr)	1.1430 1.0674	1.1842 1.1003	1.2746 1.0461	1.0403 1.0085	0.9885	Ave		1.0948			0.0100	8.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-836125/10	X40648.d
Level 2	STD1 460-836125/9	X40647.d
Level 3	STD2 460-836125/8	X40646.d
Level 4	STD5 460-836125/7	X40645.d
Level 5	STD10 460-836125/6	X40644.d
Level 6	STD20 460-836125/5	X40643.d
Level 7	ICIS 460-836125/2	X40640.d
Level 8	STD80 460-836125/4	X40642.d
Level 9	STD120 460-836125/3	X40641.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCBd 4	Ave	382	581	1221	3502	6521	0.500	1.00	2.00	5.00	10.0
			12603	32039	51698	74878		20.0	50.0	80.0	120	
N-Nitrosodimethylamine	DCBd 4	Ave				4724	9182				5.00	10.0
			19644	53027	88252	126985		20.0	50.0	80.0	120	
Pyridine	DCBd 4	Ave		2302	5450	16884	32897		2.00	4.00	10.0	20.0
			65763	165064	286134	407971		40.0	100	160	240	
Benzaldehyde	DCBd 4	Ave		1604	3051	8330	14673		1.00	2.00	5.00	10.0
			23393	+++++	+++++	+++++		16.0	+++++	+++++	+++++	
Phenol	DCBd 4	Ave				12200	22284				5.00	10.0
			42977	109633	177079	256030		20.0	50.0	80.0	120	
Aniline	DCBd 4	Ave				14169	26362				5.00	10.0
			52410	130301	217670	313548		20.0	50.0	80.0	120	
Bis(2-chloroethyl)ether	DCBd 4	Ave	684	1489	3290	8375	16253	0.500	1.00	2.00	5.00	10.0
			32234	81576	130687	189712		20.0	50.0	80.0	120	
2-Chlorophenol	DCBd 4	Ave				10052	19301				5.00	10.0
			37114	94134	153872	218593		20.0	50.0	80.0	120	

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
n-Decane	DCBd 4	Ave	52135	133077	212833	14522 311945	26844	20.0	50.0	80.0	5.00 120	10.0
1,3-Dichlorobenzene	DCBd 4	Ave	40288	99974	163037	11093 233513	20662	20.0	50.0	80.0	5.00 120	10.0
1,4-Dichlorobenzene	DCBd 4	Ave	41065	99439	164583	11297 237931	20838	20.0	50.0	80.0	5.00 120	10.0
Benzyl alcohol	DCBd 4	Ave	22639	57346	94145	6244 134897	11535	20.0	50.0	80.0	5.00 120	10.0
1,2-Dichlorobenzene	DCBd 4	Ave	38454	95867	155543	10852 225855	19484	20.0	50.0	80.0	5.00 120	10.0
2-Methylphenol	DCBd 4	Ave	31859	78526	127872	8467 184387	16051	20.0	50.0	80.0	5.00 120	10.0
2,2'-oxybis[1-chloropropane]	DCBd 4	Ave	65758	169358	263843	17357 390111	32906	20.0	50.0	80.0	5.00 120	10.0
3 & 4 Methylphenol	DCBd 4	Ave	35923	89164	140995	9744 202156	17847	20.0	50.0	80.0	5.00 120	10.0
4-Methylphenol	DCBd 4	Ave	35923	89164	140995	9744 202156	17847	20.0	50.0	80.0	5.00 120	10.0
N-Methylaniline	DCBd 4	Ave	57749	132829	225475	14961 329778	27656	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodi-n-propylamine	DCBd 4	Ave	597 27517	1217 68161	2490 108874	7457 158156	13531	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acetophenone	DCBd 4	Ave	51779	124664	196325	14101 279782	25875	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Hexachloroethane	DCBd 4	Ave	412 15597	753 38684	1459 63078	4309 92292	7533	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene	DCBd 4	Ave	428 17363	795 43403	1669 69819	4700 98287	8666	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
n,n'-Dimethylaniline	DCBd 4	Ave	1448 56735	2654 137249	5235 221878	14755 321175	27090	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Isophorone	NPT	Ave	68603	171498	6415 271094	18049 396220	33631	20.0	50.0	2.00 80.0	5.00 120	10.0
2-Nitrophenol	NPT	Ave	19707	50340	81179	5176 116869	10154	20.0	50.0	80.0	5.00 120	10.0
2,4-Dimethylphenol	NPT	Ave	33571	81883	118571	9432 173285	17220	20.0	50.0	80.0	5.00 120	10.0
Benzoic acid	NPT	Lin2	19079	55259	88260	2336 133878	5649	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	40648	99937	162757	11102 234748	19803	20.0	50.0	80.0	5.00 120	10.0
2,4-Dichlorophenol	NPT	Ave	29559	73695	2817 121230	7938 174491	14735	20.0	50.0	2.00 80.0	5.00 120	10.0
1,2,4-Trichlorobenzene	NPT	Ave	806 32078	1593 82796	3306 128300	8984 184427	16485	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Naphthalene	NPT	Ave	102830	255018	411017	29018 581180	53303	20.0	50.0	80.0	5.00 120	10.0
4-Chloroaniline	NPT	Ave	45203	111906	179134	12400 254056	23313	20.0	50.0	80.0	5.00 120	10.0
2,6-Dichlorophenol	NPT	Ave	29637	72546	2869 115512	8098 167033	14238	20.0	50.0	2.00 80.0	5.00 120	10.0
Hexachlorobutadiene	NPT	Ave	20304	1086 50815	2081 82156	5644 118680	10136	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Caprolactam	NPT	Ave	7187	278 9312	716 10966	2121 12098	3904	16.0	1.00 20.0	2.00 24.0	5.00 32.0	10.0
4-Chloro-3-methylphenol	NPT	Ave	28783	73315	118277	7910 170938	14717	20.0	50.0	80.0	5.00 120	10.0
2-Methylnaphthalene	NPT	Ave				19626	35368				5.00	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			70100	170999	274746	391206		20.0	50.0	80.0	120	
1-Methylnaphthalene	NPT	Ave	63928	161780	249291	17491 359681	32376	20.0	50.0	80.0	5.00 120	10.0
Hexachlorocyclopentadiene	ANT	Ave	27185	68541	113140	7602 162884	13945	20.0	50.0	80.0	5.00 120	10.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	35200	87621	138836	9658 201726	17647	20.0	50.0	80.0	5.00 120	10.0
2-tertbutyl-4-methylphenol	NPT	Ave	43370	107959	175758	11295 252326	20596	20.0	50.0	80.0	5.00 120	10.0
2,4,6-Trichlorophenol	ANT	Ave	23422	61409	2217 91739	6607 131524	11982	20.0	50.0	2.00 80.0	5.00 120	10.0
2,4,5-Trichlorophenol	ANT	Ave	25189	60771	105148	6730 151751	12515	20.0	50.0	80.0	5.00 120	10.0
1,1'-Biphenyl	ANT	Ave	83174	203520	322145	22925 467445	42116	20.0	50.0	80.0	5.00 120	10.0
2-Chloronaphthalene	ANT	Ave	66401	162512	251909	18162 356795	32451	20.0	50.0	80.0	5.00 120	10.0
Phenyl ether	ANT	Ave	47278	108656	186072	12436 270373	21339	20.0	50.0	80.0	5.00 120	10.0
2-Nitroaniline	ANT	Ave	26540	65146	103654	7124 152611	12420	20.0	50.0	80.0	5.00 120	10.0
1,3-Dimethylnaphthalene	ANT	Ave	52802	130317	202165	13988 298830	24769	20.0	50.0	80.0	5.00 120	10.0
Dimethyl phthalate	ANT	Ave	73859	180789	283411	20795 410779	36284	20.0	50.0	80.0	5.00 120	10.0
Coumarin	NPT	Ave	25818	62933	99710	7085 148149	12293	20.0	50.0	80.0	5.00 120	10.0
2,6-Dinitrotoluene	ANT	Ave	16532	783 40753	1483 65262	4516 93886	8426	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acenaphthylene	ANT	Ave	106618	243657	411429	29852 594351	53885	20.0	50.0	80.0	5.00 120	10.0
3-Nitroaniline	ANT	Ave	19295	47551	74955	5268 109272	9559	20.0	50.0	80.0	5.00 120	10.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	60354	142374	234741	15945 347573	28087	20.0	50.0	80.0	5.00 120	10.0
Acenaphthene	ANT	Ave				18830	34250				5.00	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			68168	170746	276965	340238		20.0	50.0	80.0	120	
2,4-Dinitrophenol	ANT	Lin2			758	4033	8445			4.00	10.0	20.0
			20568	52021	91193	133007		40.0	100	160	240	
4-Nitrophenol	ANT	Ave				6987	13192				10.0	20.0
			28115	69453	118481	174425		40.0	100	160	240	
2,4-Dinitrotoluene	ANT	Ave		1027	2162	5971	11234		1.00	2.00	5.00	10.0
			22852	55706	87798	129372		20.0	50.0	80.0	120	
Dibenzofuran	ANT	Ave				25901	45613				5.00	10.0
			89823	218863	346533	495046		20.0	50.0	80.0	120	
2,3,4,6-Tetrachlorophenol	ANT	Ave				5682	10355				5.00	10.0
			20770	53030	83391	124158		20.0	50.0	80.0	120	
Diethyl phthalate	ANT	Ave				20983	37474				5.00	10.0
			75020	181137	287887	414742		20.0	50.0	80.0	120	
4-Chlorophenyl phenyl ether	ANT	Ave				10097	17891				5.00	10.0
			35991	86922	136188	194690		20.0	50.0	80.0	120	
Fluorene	ANT	Ave				20177	35917				5.00	10.0
			73331	176201	279031	401263		20.0	50.0	80.0	120	
4-Nitroaniline	ANT	Ave				5086	9463				5.00	10.0
			19392	48540	76513	111805		20.0	50.0	80.0	120	
4,6-Dinitro-2-methylphenol	PHN	Ave			2139	6957	13020			4.00	10.0	20.0
			26978	67694	109670	158612		40.0	100	160	240	
N-Nitrosodiphenylamine	PHN	Ave				15299	25786				5.00	10.0
			52621	126241	204479	295029		20.0	50.0	80.0	120	
1,2-Diphenylhydrazine	PHN	Ave				19798	36276				5.00	10.0
			72955	183278	290178	419433		20.0	50.0	80.0	120	
4-Bromophenyl phenyl ether	PHN	Ave				6272	11470				5.00	10.0
			22597	56928	90725	133885		20.0	50.0	80.0	120	
Hexachlorobenzene	PHN	Ave	761	1550	2970	8477	15259	0.500	1.00	2.00	5.00	10.0
			29602	74291	121782	177204		20.0	50.0	80.0	120	
Atrazine	PHN	Ave		1072	2110	5652	9575		1.00	2.00	5.00	10.0
			17132	21980	26115	33891		16.0	20.0	24.0	32.0	
Pentachlorophenol	PHN	Ave			3143	9841	18313			4.00	10.0	20.0
			36913	93404	148987	221887		40.0	100	160	240	
Pentachloronitrobenzene	PHN	Ave				3244	5240				5.00	10.0
			11740	28474	46609	69045		20.0	50.0	80.0	120	
n-Octadecane	PHN	Ave				14535	25308				5.00	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			53405	131957	204955	298753		20.0	50.0	80.0	120	
Phenanthrene	PHN	Ave				31213	53762				5.00	10.0
			106833	260159	410540	589038		20.0	50.0	80.0	120	
Anthracene	PHN	Ave				30991	55702				5.00	10.0
			108604	265568	423632	611284		20.0	50.0	80.0	120	
Carbazole	PHN	Ave				29177	50395				5.00	10.0
			98616	241400	393600	562318		20.0	50.0	80.0	120	
Di-n-butyl phthalate	PHN	Ave				33995	62284				5.00	10.0
			125811	306210	484073	699620		20.0	50.0	80.0	120	
Fluoranthene	PHN	Ave				34039	60394				5.00	10.0
			116581	292275	462768	676779		20.0	50.0	80.0	120	
Benzidine	PHN	Ave				19725	34495				5.00	10.0
			70116	178384	288814	427518		20.0	50.0	80.0	120	
Pyrene	CRY	Ave				34859	61390				5.00	10.0
			121195	300307	483087	689822		20.0	50.0	80.0	120	
Bisphenol-A	CRY	Ave				15901	29130				5.00	10.0
			59458	154182	239294	365967		20.0	50.0	80.0	120	
Butyl benzyl phthalate	CRY	Ave				13685	24748				5.00	10.0
			51539	132168	209741	304881		20.0	50.0	80.0	120	
2,3,7,8-TCDD	CRY	Ave										
				489					0.500			
Carbamazepine	CRY	Ave				10648	20874				5.00	10.0
			47260	124125	210405	316298		20.0	50.0	80.0	120	
3,3'-Dichlorobenzidine	CRY	Ave			4356	12463	22403			2.00	5.00	10.0
			46747	125853	187259	272415		20.0	50.0	80.0	120	
Benzo[a]anthracene	CRY	Ave	3551	6557	12379	33915	61180	0.500	1.00	2.00	5.00	10.0
			116851	289984	466513	681738		20.0	50.0	80.0	120	
Chrysene	CRY	Ave				33352	58691				5.00	10.0
			116158	272445	428809	614095		20.0	50.0	80.0	120	
Bis(2-ethylhexyl) phthalate	CRY	Ave				20459	37336				5.00	10.0
			76282	192745	307247	437140		20.0	50.0	80.0	120	
Di-n-octyl phthalate	PRY	Ave				33527	65011				5.00	10.0
			130590	340897	533758	795694		20.0	50.0	80.0	120	
Benzo[b]fluoranthene	PRY	Ave	3148	6506	12767	36627	64671	0.500	1.00	2.00	5.00	10.0
			129292	311060	521124	760206		20.0	50.0	80.0	120	
Benzo[k]fluoranthene	PRY	Ave	3467	6950	12279	36532	66197	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			125422	334934	526298	773524		20.0	50.0	80.0	120	
Benzo[a]pyrene	PRY	Ave	2951 124028	6375 312309	12090 501174	33937 737988	62338	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	2966 122338	5635 331146	11512 515696	33384 759664	60153	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenz(a,h)anthracene	PRY	Ave	2958 131447	6448 328244	12246 538500	35664 798311	66006	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[g,h,i]perylene	PRY	Ave	130355	337924	540484	36879 798566	66730	20.0	50.0	80.0	5.00 120	10.0
2-Fluorophenol (Surr)	DCBd 4	Ave	36490	1885 88304	4235 150009	9488 216165	16540	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Phenol-d5 (Surr)	DCBd 4	Ave	1052 44690	2210 109612	4963 178699	11147 260897	19936	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene-d5 (Surr)	NPT	Ave	1101 41269	2078 102477	4987 165222	10736 238583	18936	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Fluorobiphenyl	ANT	Ave	2470 82308	4473 193733	10310 312684	22667 456076	37229	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2,4,6-Tribromophenol (Surr)	ANT	Ave	18755	981 45172	2102 75088	4822 111944	8096	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Terphenyl-d14 (Surr)	CRY	Ave	2960 106870	6136 251302	13167 412708	29082 606619	48155	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

Curve Type Legend
Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40640.d
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 29-Mar-2022 09:55:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143349-002
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Mar-2022 13:53:25 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: johnstonm1 Date: 29-Mar-2022 10:16:39

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.960	1.960	0.000	98	32039	50.0	50.4	
	2 N-Nitrosodimethylamine	74	2.201	2.201	0.000	74	53027	50.0	53.6	
	3 Pyridine	79	2.237	2.237	0.000	83	165064	100.0	106.6	
$	4 2-Fluorophenol	112	3.360	3.360	0.000	91	88304	50.0	48.6	
	5 Benzaldehyde	77	4.207	4.207	0.000	89	18391	20.0	12.1	
$	6 Phenol-d5	99	4.237	4.237	0.000	91	109612	50.0	50.7	
	7 Phenol	94	4.248	4.248	0.000	89	109633	50.0	50.4	
	8 Aniline	93	4.301	4.301	0.000	90	130301	50.0	49.9	
	9 Bis(2-chloroethyl)ether	93	4.360	4.360	0.000	87	81576	50.0	52.5	
	11 2-Chlorophenol	128	4.413	4.413	0.000	90	94134	50.0	50.6	
	12 n-Decane	43	4.448	4.448	0.000	92	133077	50.0	50.7	
	13 1,3-Dichlorobenzene	146	4.560	4.560	0.000	94	99974	50.0	50.0	
*	14 1,4-Dichlorobenzene-d4	152	4.613	4.613	0.000	97	52689	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.631	4.631	0.000	91	99439	50.0	49.1	
	16 Benzyl alcohol	108	4.737	4.737	0.000	88	57346	50.0	50.4	
	17 1,2-Dichlorobenzene	146	4.778	4.778	0.000	88	95867	50.0	49.9	
	18 2-Methylphenol	108	4.831	4.831	0.000	82	78526	50.0	50.2	
	19 2,2'-oxybis[1-chloropropane]	45	4.866	4.866	0.000	61	169358	50.0	52.0	
	24 4-Methylphenol	108	4.978	4.978	0.000	82	89164	50.0	50.9	
	23 3 & 4 Methylphenol	108	4.978	4.978	0.000	78	89164	50.0	50.9	
	20 N-Methylaniline	106	4.984	4.984	0.000	70	132829	50.0	48.3	
	22 N-Nitrosodi-n-propylamine	70	4.990	4.990	0.000	78	68161	50.0	52.6	
	21 Acetophenone	105	4.995	4.995	0.000	84	124664	50.0	50.1	
	25 Hexachloroethane	117	5.095	5.095	0.000	93	38684	50.0	50.6	
$	26 Nitrobenzene-d5	82	5.142	5.142	0.000	90	102477	50.0	49.0	
	27 n,n'-Dimethylaniline	120	5.160	5.160	0.000	82	137249	50.0	50.7	
	28 Nitrobenzene	123	5.160	5.160	0.000	85	43403	50.0	51.7	
	31 Isophorone	82	5.384	5.384	0.000	96	171498	50.0	51.2	
	32 2-Nitrophenol	139	5.460	5.460	0.000	87	50340	50.0	50.6	
	33 2,4-Dimethylphenol	122	5.484	5.484	0.000	88	81883	50.0	50.5	
	35 Benzoic acid	122	5.572	5.572	0.000	72	55259	50.0	52.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.584	5.584	0.000	94	99937	50.0	49.6	
36 2,4-Dichlorophenol	162	5.678	5.678	0.000	93	73695	50.0	50.2	
37 1,2,4-Trichlorobenzene	180	5.766	5.766	0.000	92	82796	50.0	51.1	
* 38 Naphthalene-d8	136	5.825	5.825	0.000	99	201594	40.0	40.0	
39 Naphthalene	128	5.842	5.842	0.000	99	255018	50.0	49.4	
40 4-Chloroaniline	127	5.889	5.889	0.000	81	111906	50.0	49.7	
130 2,6-Dichlorophenol	162	5.895	5.895	0.000	80	72546	50.0	50.1	
41 Hexachlorobutadiene	225	5.954	5.954	0.000	95	50815	50.0	49.3	
42 Caprolactam	113	6.219	6.219	0.000	85	9312	20.0	23.5	M
43 4-Chloro-3-methylphenol	107	6.342	6.342	0.000	92	73315	50.0	50.2	
44 2-Methylnaphthalene	142	6.501	6.501	0.000	80	170999	50.0	49.3	
45 1-Methylnaphthalene	142	6.595	6.595	0.000	89	161780	50.0	50.9	
46 Hexachlorocyclopentadiene	237	6.648	6.648	0.000	84	68541	50.0	52.2	
47 1,2,4,5-Tetrachlorobenzene	216	6.654	6.654	0.000	96	87621	50.0	52.8	
48 2-tertbutyl-4-methylphenol	149	6.678	6.678	0.000	74	107959	50.0	50.6	
49 2,4,6-Trichlorophenol	196	6.760	6.760	0.000	89	61409	50.0	55.5	
50 2,4,5-Trichlorophenol	196	6.789	6.789	0.000	90	60771	50.0	50.9	
$ 51 2-Fluorobiphenyl	172	6.848	6.848	0.000	97	193733	50.0	48.5	
52 1,1'-Biphenyl	154	6.942	6.942	0.000	96	203520	50.0	52.3	
53 2-Chloronaphthalene	162	6.960	6.960	0.000	96	162512	50.0	53.2	
54 Phenyl ether	170	7.042	7.042	0.000	84	108656	50.0	50.7	
56 2-Nitroaniline	65	7.054	7.054	0.000	92	65146	50.0	53.1	
57 1,3-Dimethylnaphthalene	156	7.166	7.166	0.000	88	130317	50.0	53.7	
58 Dimethyl phthalate	163	7.231	7.231	0.000	98	180789	50.0	52.5	
59 Coumarin	146	7.254	7.254	0.000	71	62933	50.0	49.8	
60 2,6-Dinitrotoluene	165	7.289	7.289	0.000	10	40753	50.0	53.5	
61 Acenaphthylene	152	7.354	7.354	0.000	96	243657	50.0	49.4	
64 3-Nitroaniline	138	7.442	7.442	0.000	92	47551	50.0	52.8	
* 65 Acenaphthene-d10	164	7.489	7.489	0.000	86	103785	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.501	7.501	0.000	97	142374	50.0	51.6	
67 Acenaphthene	154	7.519	7.519	0.000	94	170746	50.0	53.8	
68 2,4-Dinitrophenol	184	7.542	7.542	0.000	70	52021	100.0	103.5	a
69 4-Nitrophenol	65	7.589	7.589	0.000	87	69453	100.0	105.3	
70 2,4-Dinitrotoluene	165	7.666	7.666	0.000	90	55706	50.0	53.8	
71 Dibenzofuran	168	7.683	7.683	0.000	91	218863	50.0	51.8	
72 2,3,4,6-Tetrachlorophenol	232	7.789	7.789	0.000	92	53030	50.0	53.5	
73 Diethyl phthalate	149	7.901	7.901	0.000	97	181137	50.0	51.9	
74 4-Chlorophenyl phenyl ether	204	8.007	8.007	0.000	72	86922	50.0	52.2	
75 Fluorene	166	8.007	8.007	0.000	81	176201	50.0	52.2	
76 4-Nitroaniline	138	8.025	8.025	0.000	93	48540	50.0	53.7	
77 4,6-Dinitro-2-methylphenol	198	8.048	8.048	0.000	58	67694	100.0	110.1	
78 N-Nitrosodiphenylamine	169	8.119	8.119	0.000	96	126241	50.0	50.9	
79 1,2-Diphenylhydrazine	77	8.154	8.154	0.000	92	183278	50.0	53.0	
$ 80 2,4,6-Tribromophenol	330	8.231	8.231	0.000	93	45172	50.0	51.4	
81 4-Bromophenyl phenyl ether	248	8.472	8.472	0.000	92	56928	50.0	52.4	
83 Hexachlorobenzene	284	8.519	8.519	0.000	91	74291	50.0	52.2	
84 Atrazine	200	8.619	8.619	0.000	86	21980	20.0	22.0	
85 Pentachlorophenol	266	8.707	8.707	0.000	88	93404	100.0	108.8	
86 Pentachloronitrobenzene	237	8.719	8.719	0.000	77	28474	50.0	52.0	
87 n-Octadecane	57	8.789	8.789	0.000	97	131957	50.0	53.2	
* 88 Phenanthrene-d10	188	8.895	8.895	0.000	99	194214	40.0	40.0	
89 Phenanthrene	178	8.919	8.919	0.000	98	260159	50.0	51.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Anthracene	178	8.966	8.966	0.000	97	265568	50.0	51.4	
91 Carbazole	167	9.113	9.113	0.000	83	241400	50.0	50.9	
92 Di-n-butyl phthalate	149	9.448	9.448	0.000	99	306210	50.0	52.2	
93 Fluoranthene	202	10.042	10.042	0.000	97	292275	50.0	51.8	
94 Benzidine	184	10.177	10.177	0.000	99	178384	50.0	52.5	
95 Pyrene	202	10.266	10.266	0.000	97	300307	50.0	53.3	
82 Bisphenol-A	213	10.307	10.307	0.000	86	154182	50.0	55.5	
$ 96 Terphenyl-d14	244	10.419	10.419	0.000	98	251302	50.0	50.3	
97 Butyl benzyl phthalate	149	10.942	10.942	0.000	97	132168	50.0	55.5	
98 2,3,7,8-TCDD	320	11.030	11.030	0.000	1	489	0.5000	0.5000	
99 Carbamazepine	193	11.060	11.060	0.000	91	124125	50.0	56.5	
100 3,3'-Dichlorobenzidine	252	11.548	11.548	0.000	99	125853	50.0	58.9	
101 Benzo[a]anthracene	228	11.577	11.577	0.000	99	289984	50.0	51.7	
* 102 Chrysene-d12	240	11.589	11.589	0.000	97	182708	40.0	40.0	
103 Chrysene	228	11.619	11.619	0.000	95	272445	50.0	52.2	
104 Bis(2-ethylhexyl) phthalate	149	11.624	11.624	0.000	86	192745	50.0	54.9	
105 Di-n-octyl phthalate	149	12.518	12.518	0.000	94	340897	50.0	55.1	
106 Benzo[b]fluoranthene	252	13.024	13.024	0.000	97	311060	50.0	52.2	
107 Benzo[k]fluoranthene	252	13.065	13.065	0.000	99	334934	50.0	54.9	
108 Benzo[a]pyrene	252	13.501	13.501	0.000	97	312309	50.0	54.6	
* 109 Perylene-d12	264	13.577	13.577	0.000	98	215770	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.277	15.277	0.000	95	331146	50.0	58.5	
111 Dibenz(a,h)anthracene	278	15.330	15.330	0.000	96	328244	50.0	54.8	
112 Benzo[g,h,i]perylene	276	15.771	15.771	0.000	91	337924	50.0	53.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L7_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Mar-2022 13:53:27 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40640.d

Injection Date: 29-Mar-2022 09:55:30 Instrument ID: CBNAMS5

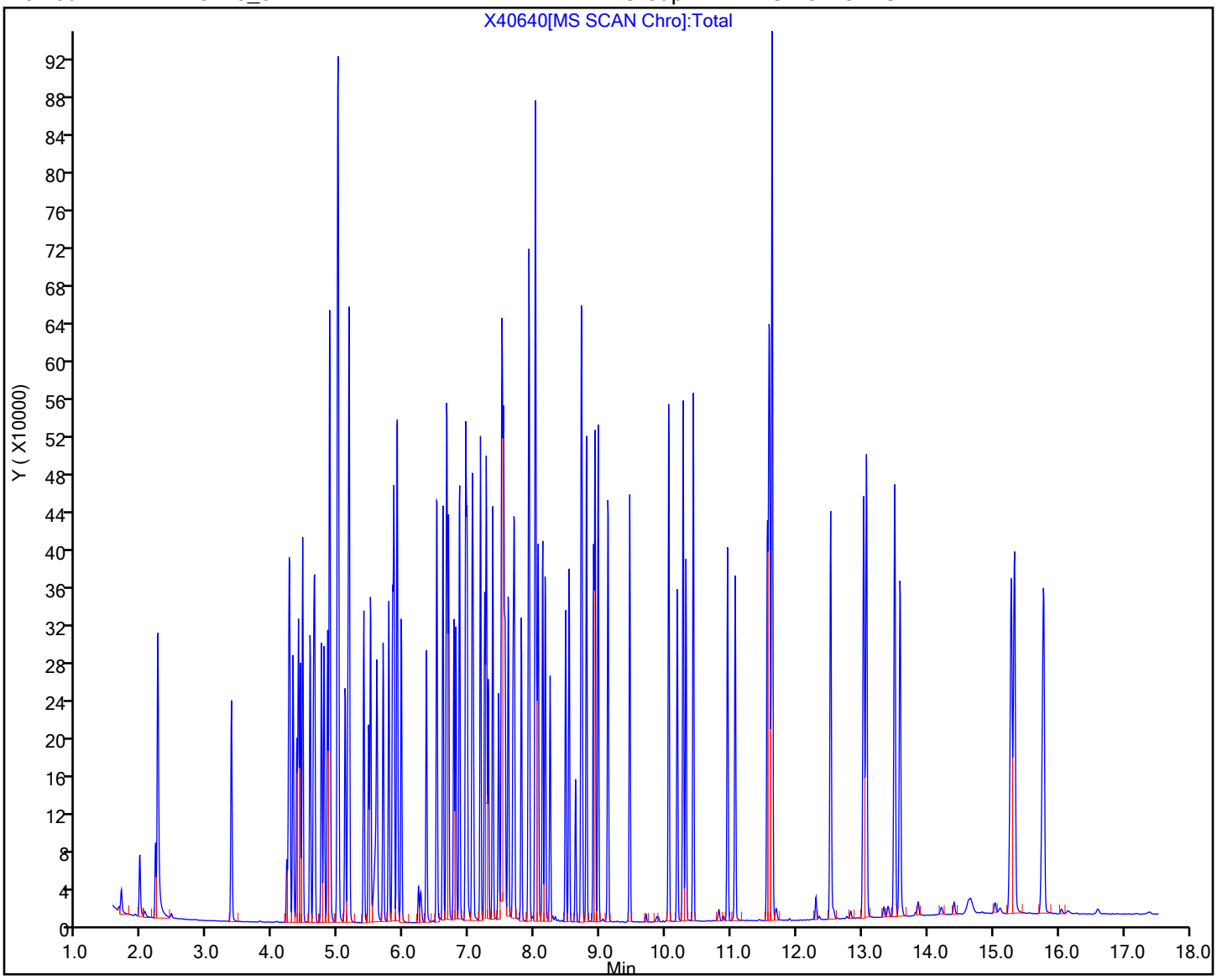
Lims ID: ICIS

Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40641.d
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 29-Mar-2022 10:19:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143349-003
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Mar-2022 13:53:30 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: johnstonm1 Date: 29-Mar-2022 10:59:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.955	1.960	-0.005	97	74878	120.0	115.2	
2 N-Nitrosodimethylamine	74	2.202	2.201	0.001	75	126985	120.0	125.7	
3 Pyridine	79	2.231	2.237	-0.006	82	407971	240.0	258.0	
$ 4 2-Fluorophenol	112	3.360	3.360	0.000	90	216165	120.0	116.4	
5 Benzaldehyde	77	4.207	4.207	0.000	89	21879	32.0	14.1	
$ 6 Phenol-d5	99	4.249	4.237	0.012	91	260897	120.0	118.2	
7 Phenol	94	4.260	4.248	0.012	95	256030	120.0	115.2	
8 Aniline	93	4.307	4.301	0.006	19	313548	120.0	117.6	
9 Bis(2-chloroethyl)ether	93	4.366	4.360	0.006	86	189712	120.0	119.7	
11 2-Chlorophenol	128	4.419	4.413	0.006	68	218593	120.0	115.0	
12 n-Decane	43	4.449	4.448	0.001	91	311945	120.0	116.3	
13 1,3-Dichlorobenzene	146	4.566	4.560	0.006	94	233513	120.0	114.3	
* 14 1,4-Dichlorobenzene-d4	152	4.619	4.613	0.006	85	53809	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.637	4.631	0.006	93	237931	120.0	115.1	
16 Benzyl alcohol	108	4.743	4.737	0.006	88	134897	120.0	116.1	
17 1,2-Dichlorobenzene	146	4.778	4.778	0.000	89	225855	120.0	115.2	
18 2-Methylphenol	108	4.837	4.831	0.006	83	184387	120.0	115.5	
19 2,2'-oxybis[1-chloropropane]	45	4.866	4.866	0.000	74	390111	120.0	117.3	
24 4-Methylphenol	108	4.990	4.978	0.012	74	202156	120.0	112.9	
23 3 & 4 Methylphenol	108	4.990	4.978	0.012	72	202156	120.0	112.9	
20 N-Methylaniline	106	4.990	4.984	0.006	72	329778	120.0	117.5	
22 N-Nitrosodi-n-propylamine	70	5.001	4.990	0.011	71	158156	120.0	119.4	
21 Acetophenone	105	5.001	4.995	0.006	82	279782	120.0	110.1	
25 Hexachloroethane	117	5.101	5.095	0.006	91	92292	120.0	118.1	
$ 26 Nitrobenzene-d5	82	5.149	5.142	0.006	92	238583	120.0	113.6	
28 Nitrobenzene	123	5.166	5.160	0.006	83	98287	120.0	114.6	
27 n,n'-Dimethylaniline	120	5.166	5.160	0.006	83	321175	120.0	116.3	
31 Isophorone	82	5.396	5.384	0.012	96	396220	120.0	117.8	
32 2-Nitrophenol	139	5.460	5.460	0.000	85	116869	120.0	117.2	
33 2,4-Dimethylphenol	122	5.496	5.484	0.012	61	173285	120.0	106.5	
35 Benzoic acid	122	5.619	5.572	0.047	87	133878	120.0	121.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.590	5.584	0.006	94	234748	120.0	116.2	
36 2,4-Dichlorophenol	162	5.684	5.678	0.006	93	174491	120.0	118.5	
37 1,2,4-Trichlorobenzene	180	5.766	5.766	0.000	92	184427	120.0	113.4	
* 38 Naphthalene-d8	136	5.825	5.825	0.000	99	202261	40.0	40.0	
39 Naphthalene	128	5.848	5.842	0.006	98	581180	120.0	112.2	
40 4-Chloroaniline	127	5.896	5.889	0.007	80	254056	120.0	112.5	
130 2,6-Dichlorophenol	162	5.901	5.895	0.006	79	167033	120.0	115.1	
41 Hexachlorobutadiene	225	5.960	5.954	0.006	95	118680	120.0	114.7	
42 Caprolactam	113	6.331	6.219	0.112	47	12098	32.0	30.4	M
43 4-Chloro-3-methylphenol	107	6.343	6.342	0.001	97	170938	120.0	116.7	
44 2-Methylnaphthalene	142	6.501	6.501	0.000	83	391206	120.0	112.3	
45 1-Methylnaphthalene	142	6.595	6.595	0.000	89	359681	120.0	112.9	
46 Hexachlorocyclopentadiene	237	6.648	6.648	0.000	85	162884	120.0	115.2	
47 1,2,4,5-Tetrachlorobenzene	216	6.660	6.654	0.006	97	201726	120.0	113.0	
48 2-tertbutyl-4-methylphenol	149	6.684	6.678	0.006	75	252326	120.0	117.9	
49 2,4,6-Trichlorophenol	196	6.766	6.760	0.006	89	131524	120.0	110.5	
50 2,4,5-Trichlorophenol	196	6.795	6.789	0.006	86	151751	120.0	118.1	
$ 51 2-Fluorobiphenyl	172	6.848	6.848	0.000	97	456076	120.0	106.2	
52 1,1'-Biphenyl	154	6.948	6.942	0.006	97	467445	120.0	111.5	
53 2-Chloronaphthalene	162	6.966	6.960	0.006	95	356795	120.0	108.5	
54 Phenyl ether	170	7.043	7.042	0.000	86	270373	120.0	117.2	
56 2-Nitroaniline	65	7.060	7.054	0.006	93	152611	120.0	115.5	
57 1,3-Dimethylnaphthalene	156	7.172	7.166	0.006	88	298830	120.0	114.5	
58 Dimethyl phthalate	163	7.242	7.231	0.011	98	410779	120.0	110.9	
59 Coumarin	146	7.266	7.254	0.012	70	148149	120.0	116.8	
60 2,6-Dinitrotoluene	165	7.295	7.289	0.006	7	93886	120.0	114.6	
61 Acenaphthylene	152	7.360	7.354	0.006	96	594351	120.0	111.9	
64 3-Nitroaniline	138	7.454	7.442	0.012	92	109272	120.0	112.7	
* 65 Acenaphthene-d10	164	7.490	7.489	0.001	80	111686	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.507	7.501	0.006	94	347573	120.0	117.0	
67 Acenaphthene	154	7.525	7.519	0.006	93	340238	120.0	99.7	
68 2,4-Dinitrophenol	184	7.554	7.542	0.012	66	133007	240.0	242.1	a
69 4-Nitrophenol	65	7.601	7.589	0.012	56	174425	240.0	245.7	
70 2,4-Dinitrotoluene	165	7.672	7.666	0.006	89	129372	120.0	116.0	
71 Dibenzofuran	168	7.690	7.683	0.007	91	495046	120.0	109.0	
72 2,3,4,6-Tetrachlorophenol	232	7.795	7.789	0.006	93	124158	120.0	116.4	
73 Diethyl phthalate	149	7.907	7.901	0.006	97	414742	120.0	110.4	
74 4-Chlorophenyl phenyl ether	204	8.007	8.007	0.000	74	194690	120.0	108.7	
75 Fluorene	166	8.013	8.007	0.006	81	401263	120.0	110.4	
76 4-Nitroaniline	138	8.048	8.025	0.023	88	111805	120.0	114.8	
77 4,6-Dinitro-2-methylphenol	198	8.060	8.048	0.012	64	158612	240.0	242.9	
78 N-Nitrosodiphenylamine	169	8.125	8.119	0.006	96	295029	120.0	112.0	
79 1,2-Diphenylhydrazine	77	8.160	8.154	0.006	92	419433	120.0	114.1	
$ 80 2,4,6-Tribromophenol	330	8.237	8.231	0.007	93	111944	120.0	118.3	
81 4-Bromophenyl phenyl ether	248	8.472	8.472	0.000	90	133885	120.0	115.9	
83 Hexachlorobenzene	284	8.525	8.519	0.006	89	177204	120.0	117.2	
84 Atrazine	200	8.625	8.619	0.006	87	33891	32.0	31.9	
85 Pentachlorophenol	266	8.713	8.707	0.006	91	221887	240.0	243.3	
86 Pentachloronitrobenzene	237	8.725	8.719	0.006	80	69045	120.0	118.7	
87 n-Octadecane	57	8.789	8.789	0.000	96	298753	120.0	113.3	
* 88 Phenanthrene-d10	188	8.895	8.895	0.000	99	206318	40.0	40.0	
89 Phenanthrene	178	8.925	8.919	0.006	98	589038	120.0	109.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Anthracene	178	8.972	8.966	0.006	97	611284	120.0	111.4	
91 Carbazole	167	9.119	9.113	0.006	83	562318	120.0	111.6	
92 Di-n-butyl phthalate	149	9.448	9.448	0.000	99	699620	120.0	112.3	
93 Fluoranthene	202	10.048	10.042	0.006	97	676779	120.0	112.9	
94 Benzidine	184	10.178	10.177	0.001	99	427518	120.0	118.4	
95 Pyrene	202	10.272	10.266	0.006	97	689822	120.0	111.5	
82 Bisphenol-A	213	10.313	10.307	0.006	86	365967	120.0	120.0	
$ 96 Terphenyl-d14	244	10.425	10.419	0.006	98	606619	120.0	110.5	
97 Butyl benzyl phthalate	149	10.948	10.942	0.006	97	304881	120.0	116.6	
99 Carbamazepine	193	11.072	11.060	0.012	91	316298	120.0	131.3	
100 3,3'-Dichlorobenzidine	252	11.560	11.548	0.012	98	272415	120.0	116.2	
101 Benzo[a]anthracene	228	11.583	11.577	0.006	99	681738	120.0	110.7	
* 102 Chrysene-d12	240	11.595	11.589	0.006	92	200500	40.0	40.0	
103 Chrysene	228	11.630	11.619	0.011	95	614095	120.0	107.2	
104 Bis(2-ethylhexyl) phthalate	149	11.630	11.624	0.006	87	437140	120.0	113.5	
105 Di-n-octyl phthalate	149	12.519	12.518	0.001	96	795694	120.0	120.2	
106 Benzo[b]fluoranthene	252	13.036	13.024	0.012	97	760206	120.0	119.4	
107 Benzo[k]fluoranthene	252	13.077	13.065	0.012	99	773524	120.0	118.6	
108 Benzo[a]pyrene	252	13.513	13.501	0.012	96	737988	120.0	120.6	
* 109 Perylene-d12	264	13.583	13.577	0.006	98	230652	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.301	15.277	0.024	99	759664	120.0	125.5	
111 Dibenz(a,h)anthracene	278	15.354	15.330	0.024	96	798311	120.0	124.8	
112 Benzo[g,h,i]perylene	276	15.801	15.771	0.030	97	798566	120.0	118.3	
S 119 Total Cresols	1				0			228.4	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNA_L9_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Mar-2022 13:53:32 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40641.d

Injection Date: 29-Mar-2022 10:19:30 Instrument ID: CBNAMS5

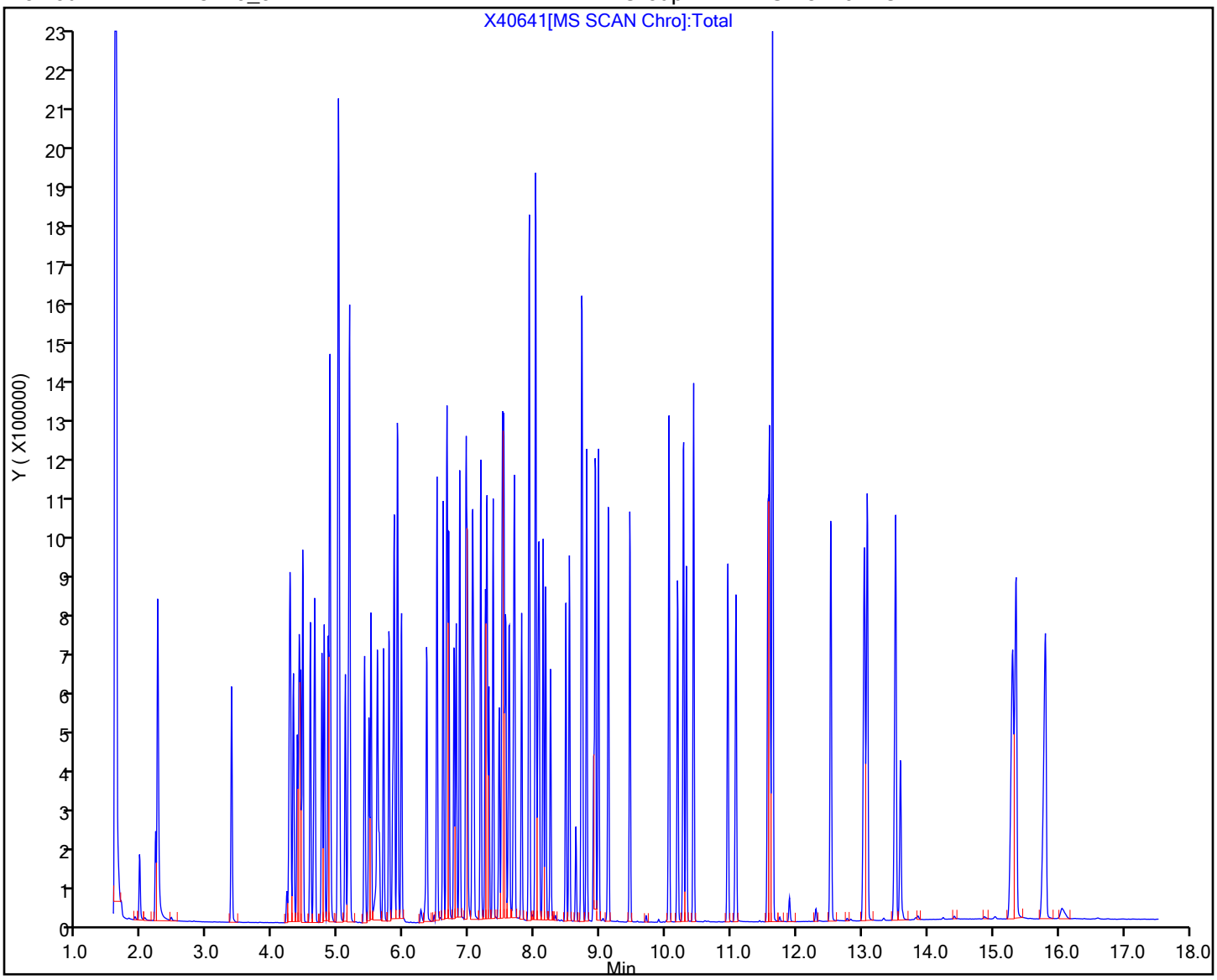
Lims ID: STD120

Client ID:

Operator ID: ALS Bottle#: 3 Worklist Smp#: 3

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40642.d
Lims ID: STD80
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 29-Mar-2022 10:49:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143349-004
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Mar-2022 13:53:35 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: johnstonm1 Date: 29-Mar-2022 11:11:34

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.958	1.960	-0.002	97	51698	80.0	78.4	
	2 N-Nitrosodimethylamine	74	2.199	2.201	-0.002	75	88252	80.0	86.1	
	3 Pyridine	79	2.234	2.237	-0.003	83	286134	160.0	178.4	
$	4 2-Fluorophenol	112	3.357	3.360	-0.003	91	150009	80.0	79.6	
	5 Benzaldehyde	77	4.204	4.207	-0.003	89	21395	24.0	13.6	
$	6 Phenol-d5	99	4.240	4.237	0.003	94	178699	80.0	79.8	
	7 Phenol	94	4.257	4.248	0.009	96	177079	80.0	78.6	
	8 Aniline	93	4.304	4.301	0.003	73	217670	80.0	80.5	
	9 Bis(2-chloroethyl)ether	93	4.363	4.360	0.003	89	130687	80.0	81.3	
	11 2-Chlorophenol	128	4.416	4.413	0.003	90	153872	80.0	79.8	
	12 n-Decane	43	4.446	4.448	-0.002	91	212833	80.0	78.3	
	13 1,3-Dichlorobenzene	146	4.563	4.560	0.003	94	163037	80.0	78.7	
*	14 1,4-Dichlorobenzene-d4	152	4.616	4.613	0.003	96	54576	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.634	4.631	0.003	93	164583	80.0	78.5	
	16 Benzyl alcohol	108	4.740	4.737	0.003	88	94145	80.0	79.9	
	17 1,2-Dichlorobenzene	146	4.775	4.778	-0.003	90	155543	80.0	78.2	
	18 2-Methylphenol	108	4.834	4.831	0.003	84	127872	80.0	78.9	
	19 2,2'-oxybis[1-chloropropane]	45	4.869	4.866	0.003	63	263843	80.0	78.2	
	24 4-Methylphenol	108	4.987	4.978	0.009	74	140995	80.0	77.7	
	23 3 & 4 Methylphenol	108	4.987	4.978	0.009	72	140995	80.0	77.7	
	20 N-Methylaniline	106	4.987	4.984	0.003	70	225475	80.0	79.2	
	22 N-Nitrosodi-n-propylamine	70	4.998	4.990	0.008	76	108874	80.0	81.0	
	21 Acetophenone	105	4.998	4.995	0.003	84	196325	80.0	76.2	
	25 Hexachloroethane	117	5.098	5.095	0.003	91	63078	80.0	79.6	
$	26 Nitrobenzene-d5	82	5.140	5.142	-0.002	92	165222	80.0	78.0	
	27 n,n'-Dimethylaniline	120	5.163	5.160	0.003	83	221878	80.0	79.2	
	28 Nitrobenzene	123	5.163	5.160	0.003	85	69819	80.0	80.2	
	31 Isophorone	82	5.387	5.384	0.003	96	271094	80.0	79.9	
	32 2-Nitrophenol	139	5.457	5.460	-0.003	86	81179	80.0	80.6	
	33 2,4-Dimethylphenol	122	5.487	5.484	0.003	62	118571	80.0	72.2	
	35 Benzoic acid	122	5.593	5.572	0.021	43	88260	80.0	80.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.587	5.584	0.003	95	162757	80.0	79.8	
36 2,4-Dichlorophenol	162	5.681	5.678	0.003	94	121230	80.0	81.6	
37 1,2,4-Trichlorobenzene	180	5.769	5.766	0.003	91	128300	80.0	78.2	
* 38 Naphthalene-d8	136	5.822	5.825	-0.003	99	204116	40.0	40.0	
39 Naphthalene	128	5.845	5.842	0.003	99	411017	80.0	78.6	
40 4-Chloroaniline	127	5.893	5.889	0.004	81	179134	80.0	78.6	
130 2,6-Dichlorophenol	162	5.898	5.895	0.003	81	115512	80.0	78.9	
41 Hexachlorobutadiene	225	5.957	5.954	0.003	96	82156	80.0	78.7	
42 Caprolactam	113	6.287	6.219	0.068	85	10966	24.0	27.3	M
43 4-Chloro-3-methylphenol	107	6.340	6.342	-0.002	90	118277	80.0	80.0	
44 2-Methylnaphthalene	142	6.498	6.501	-0.003	77	274746	80.0	78.2	
45 1-Methylnaphthalene	142	6.592	6.595	-0.003	82	249291	80.0	77.5	
46 Hexachlorocyclopentadiene	237	6.645	6.648	-0.003	84	113140	80.0	80.4	
47 1,2,4,5-Tetrachlorobenzene	216	6.657	6.654	0.003	97	138836	80.0	78.2	
48 2-tertbutyl-4-methylphenol	149	6.681	6.678	0.003	76	175758	80.0	81.4	
49 2,4,6-Trichlorophenol	196	6.763	6.760	0.003	90	91739	80.0	77.5	
50 2,4,5-Trichlorophenol	196	6.792	6.789	0.003	81	105148	80.0	82.2	
$ 51 2-Fluorobiphenyl	172	6.845	6.848	-0.003	97	312684	80.0	73.2	
52 1,1'-Biphenyl	154	6.945	6.942	0.003	97	322145	80.0	77.3	
53 2-Chloronaphthalene	162	6.963	6.960	0.003	96	251909	80.0	77.0	
54 Phenyl ether	170	7.040	7.042	-0.002	85	186072	80.0	81.1	
56 2-Nitroaniline	65	7.057	7.054	0.003	94	103654	80.0	78.9	
57 1,3-Dimethylnaphthalene	156	7.169	7.166	0.003	88	202165	80.0	77.8	
58 Dimethyl phthalate	163	7.234	7.231	0.003	98	283411	80.0	76.9	
59 Coumarin	146	7.257	7.254	0.003	71	99710	80.0	77.9	
60 2,6-Dinitrotoluene	165	7.292	7.289	0.003	16	65262	80.0	80.0	
61 Acenaphthylene	152	7.357	7.354	0.003	96	411429	80.0	77.8	
64 3-Nitroaniline	138	7.445	7.442	0.003	92	74955	80.0	77.7	
* 65 Acenaphthene-d10	164	7.487	7.489	-0.002	87	111121	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.504	7.501	0.003	95	234741	80.0	79.4	
67 Acenaphthene	154	7.522	7.519	0.003	93	276965	80.0	81.6	
68 2,4-Dinitrophenol	184	7.545	7.542	0.003	69	91193	160.0	167.7	a
69 4-Nitrophenol	65	7.598	7.589	0.009	84	118481	160.0	167.7	
70 2,4-Dinitrotoluene	165	7.669	7.666	0.003	90	87798	80.0	79.1	
71 Dibenzofuran	168	7.687	7.683	0.004	91	346533	80.0	76.7	
72 2,3,4,6-Tetrachlorophenol	232	7.792	7.789	0.003	93	83391	80.0	78.6	
73 Diethyl phthalate	149	7.904	7.901	0.003	97	287887	80.0	77.0	
74 4-Chlorophenyl phenyl ether	204	8.004	8.007	-0.003	73	136188	80.0	76.4	
75 Fluorene	166	8.010	8.007	0.003	81	279031	80.0	77.1	
76 4-Nitroaniline	138	8.034	8.025	0.009	93	76513	80.0	79.0	
77 4,6-Dinitro-2-methylphenol	198	8.057	8.048	0.009	62	109670	160.0	171.9	
78 N-Nitrosodiphenylamine	169	8.122	8.119	0.003	96	204479	80.0	79.4	
79 1,2-Diphenylhydrazine	77	8.157	8.154	0.003	92	290178	80.0	80.8	
$ 80 2,4,6-Tribromophenol	330	8.234	8.231	0.004	93	75088	80.0	79.8	
81 4-Bromophenyl phenyl ether	248	8.469	8.472	-0.003	89	90725	80.0	80.4	
83 Hexachlorobenzene	284	8.522	8.519	0.003	93	121782	80.0	82.4	
84 Atrazine	200	8.622	8.619	0.003	87	26115	24.0	25.2	
85 Pentachlorophenol	266	8.710	8.707	0.003	91	148987	160.0	167.2	
86 Pentachloronitrobenzene	237	8.722	8.719	0.003	79	46609	80.0	82.0	
87 n-Octadecane	57	8.786	8.789	-0.003	96	204955	80.0	79.6	
* 88 Phenanthrene-d10	188	8.898	8.895	0.003	99	201632	40.0	40.0	
89 Phenanthrene	178	8.922	8.919	0.003	98	410540	80.0	78.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Anthracene	178	8.969	8.966	0.003	97	423632	80.0	79.0	
91 Carbazole	167	9.116	9.113	0.003	83	393600	80.0	79.9	
92 Di-n-butyl phthalate	149	9.451	9.448	0.003	99	484073	80.0	79.5	
93 Fluoranthene	202	10.045	10.042	0.003	97	462768	80.0	79.0	
94 Benzidine	184	10.181	10.177	0.003	99	288814	80.0	81.8	
95 Pyrene	202	10.269	10.266	0.003	97	483087	80.0	79.4	
82 Bisphenol-A	213	10.310	10.307	0.003	86	239294	80.0	79.8	
$ 96 Terphenyl-d14	244	10.422	10.419	0.003	98	412708	80.0	76.4	
97 Butyl benzyl phthalate	149	10.945	10.942	0.003	97	209741	80.0	81.5	
99 Carbamazepine	193	11.069	11.060	0.009	92	210405	80.0	88.8	
100 3,3'-Dichlorobenzidine	252	11.557	11.548	0.009	98	187259	80.0	81.2	
101 Benzo[a]anthracene	228	11.580	11.577	0.003	99	466513	80.0	77.0	
* 102 Chrysene-d12	240	11.592	11.589	0.003	97	197251	40.0	40.0	
103 Chrysene	228	11.627	11.619	0.008	95	428809	80.0	76.1	
104 Bis(2-ethylhexyl) phthalate	149	11.627	11.624	0.003	87	307247	80.0	81.1	
105 Di-n-octyl phthalate	149	12.522	12.518	0.004	96	533758	80.0	81.0	
106 Benzo[b]fluoranthene	252	13.033	13.024	0.009	97	521124	80.0	82.3	
107 Benzo[k]fluoranthene	252	13.074	13.065	0.009	95	526298	80.0	81.1	
108 Benzo[a]pyrene	252	13.504	13.501	0.003	96	501174	80.0	82.3	
* 109 Perylene-d12	264	13.580	13.577	0.003	99	229577	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.286	15.277	0.009	99	515696	80.0	85.6	
111 Dibenz(a,h)anthracene	278	15.339	15.330	0.009	96	538500	80.0	84.6	
112 Benzo[g,h,i]perylene	276	15.786	15.771	0.015	90	540484	80.0	80.4	
S 119 Total Cresols	1				0			156.6	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

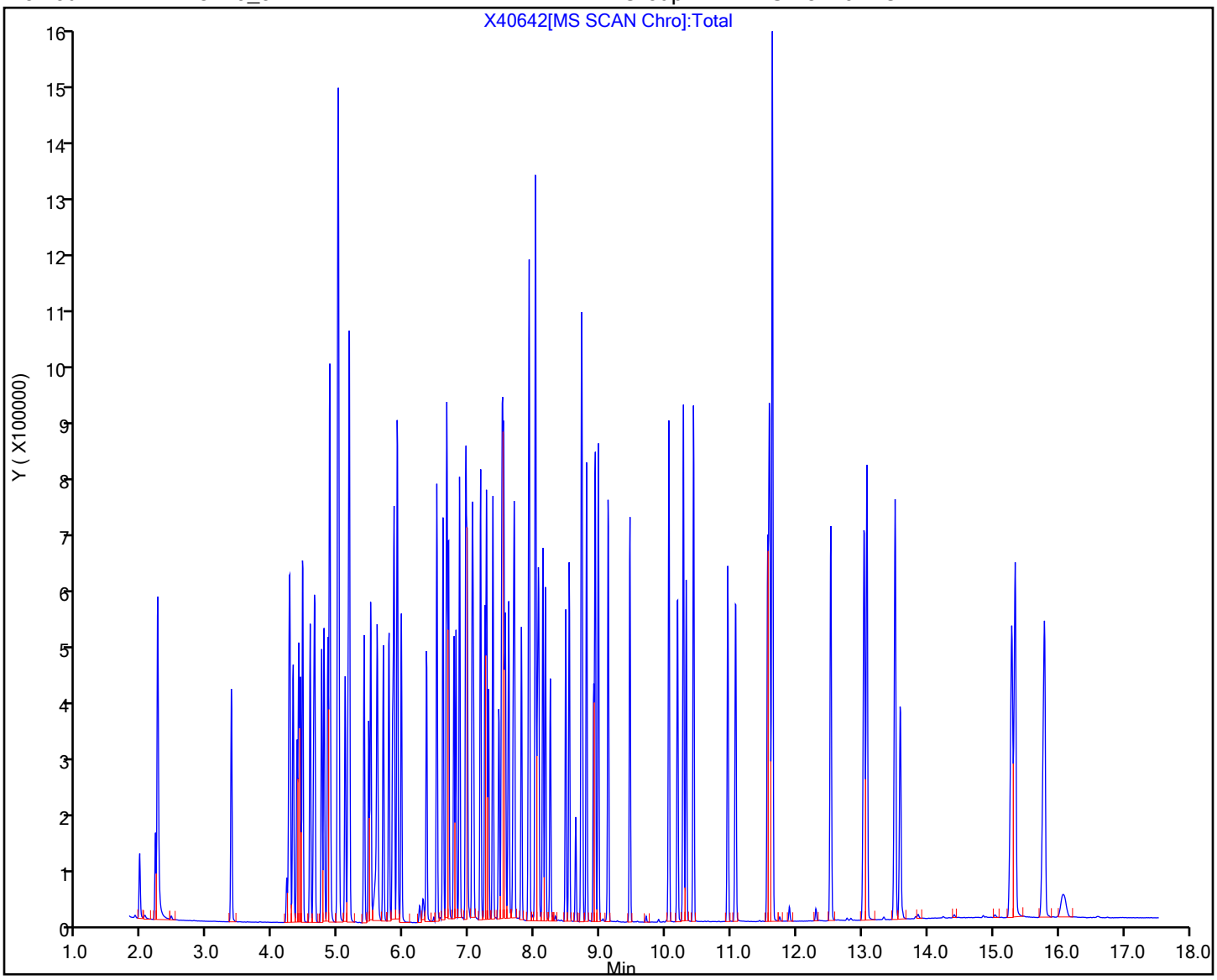
Reagents:

SV_BNA_L8_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Mar-2022 13:53:37 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40642.d				
Injection Date:	29-Mar-2022 10:49:30	Instrument ID:	CBNAMS5		
Lims ID:	STD80				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40643.d
Lims ID: STD20
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 29-Mar-2022 11:13:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143349-005
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Mar-2022 13:53:40 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: johnstonm1 Date: 29-Mar-2022 11:34:35

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.957	1.960	-0.003	97	12603	20.0	19.6	
	2 N-Nitrosodimethylamine	74	2.199	2.201	-0.002	75	19644	20.0	19.6	
	3 Pyridine	79	2.234	2.237	-0.003	85	65763	40.0	41.9	
$	4 2-Fluorophenol	112	3.357	3.360	-0.003	92	36490	20.0	19.8	
	5 Benzaldehyde	77	4.204	4.207	-0.003	89	23393	16.0	15.2	
$	6 Phenol-d5	99	4.234	4.237	-0.003	92	44690	20.0	20.4	
	7 Phenol	94	4.246	4.248	-0.002	79	42977	20.0	19.5	
	8 Aniline	93	4.298	4.301	-0.003	90	52410	20.0	19.8	
	9 Bis(2-chloroethyl)ether	93	4.357	4.360	-0.003	87	32234	20.0	20.5	
	11 2-Chlorophenol	128	4.410	4.413	-0.003	86	37114	20.0	19.7	
	12 n-Decane	43	4.445	4.448	-0.003	91	52135	20.0	19.6	
	13 1,3-Dichlorobenzene	146	4.563	4.560	0.003	95	40288	20.0	19.9	
*	14 1,4-Dichlorobenzene-d4	152	4.616	4.613	0.003	97	53355	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.634	4.631	0.003	92	41065	20.0	20.0	
	16 Benzyl alcohol	108	4.734	4.737	-0.003	88	22639	20.0	19.7	
	17 1,2-Dichlorobenzene	146	4.775	4.778	-0.003	90	38454	20.0	19.8	
	18 2-Methylphenol	108	4.828	4.831	-0.003	84	31859	20.0	20.1	
	19 2,2'-oxybis[1-chloropropane]	45	4.863	4.866	-0.003	61	65758	20.0	19.9	
	24 4-Methylphenol	108	4.975	4.978	-0.003	81	35923	20.0	20.2	
	23 3 & 4 Methylphenol	108	4.975	4.978	-0.003	77	35923	20.0	20.2	
	20 N-Methylaniline	106	4.981	4.984	-0.003	73	57749	20.0	20.8	
	22 N-Nitrosodi-n-propylamine	70	4.987	4.990	-0.003	81	27517	20.0	21.0	
	21 Acetophenone	105	4.993	4.995	-0.003	88	51779	20.0	20.5	
	25 Hexachloroethane	117	5.098	5.095	0.003	90	15597	20.0	20.1	
$	26 Nitrobenzene-d5	82	5.134	5.142	-0.008	91	41269	20.0	19.5	
	28 Nitrobenzene	123	5.157	5.160	-0.003	85	17363	20.0	20.4	
	27 n,n'-Dimethylaniline	120	5.157	5.160	-0.003	84	56735	20.0	20.7	
	31 Isophorone	82	5.381	5.384	-0.003	96	68603	20.0	20.3	
	32 2-Nitrophenol	139	5.457	5.460	-0.003	87	19707	20.0	19.6	
	33 2,4-Dimethylphenol	122	5.487	5.484	0.003	90	33571	20.0	20.5	
	35 Benzoic acid	122	5.540	5.572	-0.032	57	19079	20.0	20.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.581	5.584	-0.003	89	40648	20.0	20.0	
36 2,4-Dichlorophenol	162	5.675	5.678	-0.003	93	29559	20.0	19.9	
37 1,2,4-Trichlorobenzene	180	5.763	5.766	-0.003	91	32078	20.0	19.6	
* 38 Naphthalene-d8	136	5.822	5.825	-0.003	100	203702	40.0	40.0	
39 Naphthalene	128	5.840	5.842	-0.002	99	102830	20.0	19.7	
40 4-Chloroaniline	127	5.887	5.889	-0.002	81	45203	20.0	19.9	
130 2,6-Dichlorophenol	162	5.892	5.895	-0.003	80	29637	20.0	20.3	
41 Hexachlorobutadiene	225	5.957	5.954	0.003	96	20304	20.0	19.5	
42 Caprolactam	113	6.204	6.219	-0.015	85	7187	16.0	17.9	
43 4-Chloro-3-methylphenol	107	6.339	6.342	-0.003	91	28783	20.0	19.5	
44 2-Methylnaphthalene	142	6.498	6.501	-0.003	83	70100	20.0	20.0	
45 1-Methylnaphthalene	142	6.592	6.595	-0.003	82	63928	20.0	19.9	
46 Hexachlorocyclopentadiene	237	6.645	6.648	-0.003	87	27185	20.0	19.3	
47 1,2,4,5-Tetrachlorobenzene	216	6.651	6.654	-0.003	95	35200	20.0	19.8	
48 2-tertbutyl-4-methylphenol	149	6.675	6.678	-0.003	74	43370	20.0	20.1	
49 2,4,6-Trichlorophenol	196	6.757	6.760	-0.003	88	23422	20.0	19.7	
50 2,4,5-Trichlorophenol	196	6.792	6.789	0.003	89	25189	20.0	19.7	
$ 51 2-Fluorobiphenyl	172	6.845	6.848	-0.003	97	82308	20.0	19.2	
52 1,1'-Biphenyl	154	6.939	6.942	-0.003	96	83174	20.0	19.9	
53 2-Chloronaphthalene	162	6.957	6.960	-0.003	96	66401	20.0	20.3	
54 Phenyl ether	170	7.039	7.042	-0.003	84	47278	20.0	20.6	
56 2-Nitroaniline	65	7.051	7.054	-0.003	92	26540	20.0	20.2	
57 1,3-Dimethylnaphthalene	156	7.163	7.166	-0.003	88	52802	20.0	20.3	
58 Dimethyl phthalate	163	7.228	7.231	-0.003	98	73859	20.0	20.0	
59 Coumarin	146	7.251	7.254	-0.003	73	25818	20.0	20.2	
60 2,6-Dinitrotoluene	165	7.281	7.289	-0.008	15	16532	20.0	20.2	
61 Acenaphthylene	152	7.351	7.354	-0.003	96	106618	20.0	20.1	
64 3-Nitroaniline	138	7.439	7.442	-0.003	93	19295	20.0	20.0	
* 65 Acenaphthene-d10	164	7.486	7.489	-0.003	98	111349	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.498	7.501	-0.003	95	60354	20.0	20.4	
67 Acenaphthene	154	7.516	7.519	-0.003	90	68168	20.0	20.0	
68 2,4-Dinitrophenol	184	7.539	7.542	-0.003	62	20568	40.0	39.9	a
69 4-Nitrophenol	65	7.586	7.589	-0.003	87	28115	40.0	39.7	
70 2,4-Dinitrotoluene	165	7.663	7.666	-0.003	91	22852	20.0	20.6	
71 Dibenzofuran	168	7.681	7.683	-0.002	92	89823	20.0	19.8	
72 2,3,4,6-Tetrachlorophenol	232	7.786	7.789	-0.003	91	20770	20.0	19.5	
73 Diethyl phthalate	149	7.892	7.901	-0.009	97	75020	20.0	20.0	
74 4-Chlorophenyl phenyl ether	204	8.004	8.007	-0.003	71	35991	20.0	20.1	
75 Fluorene	166	8.004	8.007	-0.003	81	73331	20.0	20.2	
76 4-Nitroaniline	138	8.016	8.025	-0.009	90	19392	20.0	20.0	
77 4,6-Dinitro-2-methylphenol	198	8.045	8.048	-0.003	46	26978	40.0	41.0	
78 N-Nitrosodiphenylamine	169	8.116	8.119	-0.003	96	52621	20.0	19.8	
79 1,2-Diphenylhydrazine	77	8.151	8.154	-0.003	95	72955	20.0	19.7	
$ 80 2,4,6-Tribromophenol	330	8.228	8.231	-0.002	93	18755	20.0	19.9	
81 4-Bromophenyl phenyl ether	248	8.469	8.472	-0.003	90	22597	20.0	19.4	
83 Hexachlorobenzene	284	8.522	8.519	0.003	93	29602	20.0	19.4	
84 Atrazine	200	8.616	8.619	-0.003	86	17132	16.0	16.0	
85 Pentachlorophenol	266	8.704	8.707	-0.003	91	36913	40.0	40.2	
86 Pentachloronitrobenzene	237	8.716	8.719	-0.003	84	11740	20.0	20.0	
87 n-Octadecane	57	8.786	8.789	-0.003	95	53405	20.0	20.1	
* 88 Phenanthrene-d10	188	8.892	8.895	-0.003	99	207902	40.0	40.0	
89 Phenanthrene	178	8.916	8.919	-0.003	96	106833	20.0	19.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Anthracene	178	8.963	8.966	-0.003	97	108604	20.0	19.6	
91 Carbazole	167	9.110	9.113	-0.003	83	98616	20.0	19.4	
92 Di-n-butyl phthalate	149	9.445	9.448	-0.003	99	125811	20.0	20.0	
93 Fluoranthene	202	10.039	10.042	-0.003	97	116581	20.0	19.3	
94 Benzidine	184	10.169	10.177	-0.008	99	70116	20.0	19.3	
95 Pyrene	202	10.263	10.266	-0.003	97	121195	20.0	19.6	
82 Bisphenol-A	213	10.304	10.307	-0.003	91	59458	20.0	19.5	
$ 96 Terphenyl-d14	244	10.416	10.419	-0.003	98	106870	20.0	19.5	
97 Butyl benzyl phthalate	149	10.939	10.942	-0.003	95	51539	20.0	19.7	
99 Carbamazepine	193	11.051	11.060	-0.009	91	47260	20.0	19.6	
100 3,3'-Dichlorobenzidine	252	11.545	11.548	-0.003	99	46747	20.0	20.0	
101 Benzo[a]anthracene	228	11.569	11.577	-0.008	98	116851	20.0	19.0	
* 102 Chrysene-d12	240	11.586	11.589	-0.003	98	200240	40.0	40.0	
103 Chrysene	228	11.616	11.619	-0.003	95	116158	20.0	20.3	
104 Bis(2-ethylhexyl) phthalate	149	11.627	11.624	0.003	79	76282	20.0	19.8	
105 Di-n-octyl phthalate	149	12.516	12.518	-0.002	93	130590	20.0	19.8	
106 Benzo[b]fluoranthene	252	13.016	13.024	-0.008	98	129292	20.0	20.4	
107 Benzo[k]fluoranthene	252	13.057	13.065	-0.008	99	125422	20.0	19.3	
108 Benzo[a]pyrene	252	13.492	13.501	-0.009	96	124028	20.0	20.4	
* 109 Perylene-d12	264	13.580	13.577	0.003	99	229599	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.262	15.277	-0.015	99	122338	20.0	20.3	
111 Dibenz(a,h)anthracene	278	15.315	15.330	-0.015	96	131447	20.0	20.6	
112 Benzo[g,h,i]perylene	276	15.751	15.771	-0.020	93	130355	20.0	19.4	
S 119 Total Cresols	1				0			40.4	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

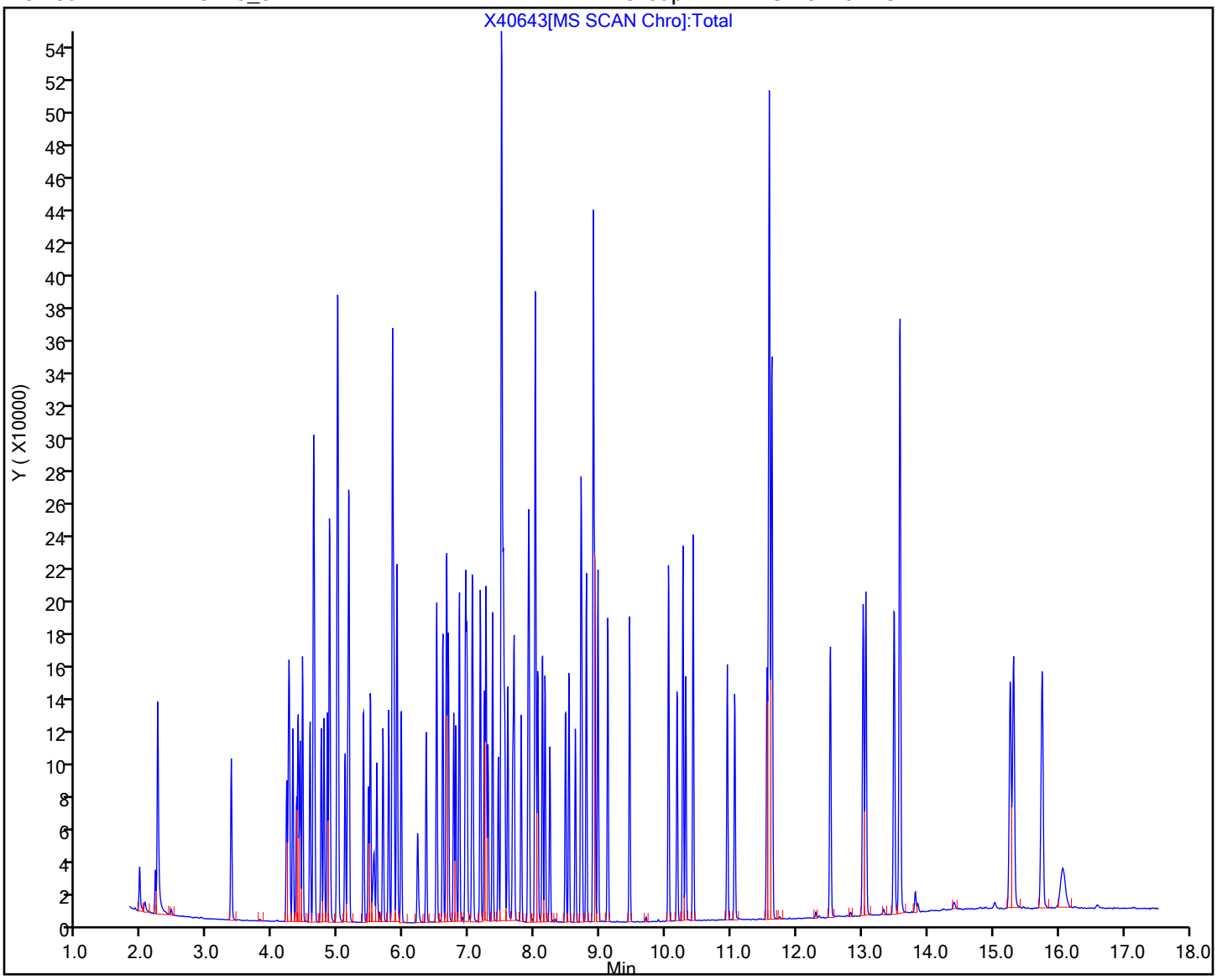
Reagents:

SV_BNA_L6_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Mar-2022 13:53:41 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40643.d
Injection Date: 29-Mar-2022 11:13:30 Instrument ID: CBNAMS5
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40644.d
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 29-Mar-2022 11:37:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143349-006
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Mar-2022 13:53:44 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: johnstonm1 Date: 29-Mar-2022 11:58:28

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.957	1.960	-0.003	96	6521	10.0	10.3	
	2 N-Nitrosodimethylamine	74	2.204	2.201	0.003	74	9182	10.0	9.31	
	3 Pyridine	79	2.240	2.237	0.003	84	32897	20.0	21.3	
$	4 2-Fluorophenol	112	3.357	3.360	-0.003	91	16540	10.0	9.12	
	5 Benzaldehyde	77	4.204	4.207	-0.003	89	14673	10.0	9.71	
$	6 Phenol-d5	99	4.234	4.237	-0.003	84	19936	10.0	9.25	
	7 Phenol	94	4.246	4.248	-0.002	80	22284	10.0	10.3	
	8 Aniline	93	4.298	4.301	-0.003	90	26362	10.0	10.1	
	9 Bis(2-chloroethyl)ether	93	4.351	4.360	-0.009	86	16253	10.0	10.5	
	11 2-Chlorophenol	128	4.410	4.413	-0.003	86	19301	10.0	10.4	
	12 n-Decane	43	4.445	4.448	-0.003	91	26844	10.0	10.3	
	13 1,3-Dichlorobenzene	146	4.563	4.560	0.003	95	20662	10.0	10.4	
*	14 1,4-Dichlorobenzene-d4	152	4.616	4.613	0.003	96	52524	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.628	4.631	-0.003	81	20838	10.0	10.3	
	16 Benzyl alcohol	108	4.734	4.737	-0.003	89	11535	10.0	10.2	
	17 1,2-Dichlorobenzene	146	4.775	4.778	-0.003	90	19484	10.0	10.2	
	18 2-Methylphenol	108	4.828	4.831	-0.003	85	16051	10.0	10.3	
	19 2,2'-oxybis[1-chloropropane]	45	4.863	4.866	-0.003	61	32906	10.0	10.1	
	24 4-Methylphenol	108	4.975	4.978	-0.003	80	17847	10.0	10.2	
	23 3 & 4 Methylphenol	108	4.975	4.978	-0.003	76	17847	10.0	10.2	
	20 N-Methylaniline	106	4.981	4.984	-0.003	73	27656	10.0	10.1	
	22 N-Nitrosodi-n-propylamine	70	4.987	4.990	-0.003	81	13531	10.0	10.5	
	21 Acetophenone	105	4.993	4.995	-0.002	91	25875	10.0	10.4	
	25 Hexachloroethane	117	5.098	5.095	0.003	88	7533	10.0	9.88	
$	26 Nitrobenzene-d5	82	5.134	5.142	-0.008	89	18936	10.0	9.22	
	27 n,n'-Dimethylaniline	120	5.151	5.160	-0.009	82	27090	10.0	10.0	
	28 Nitrobenzene	123	5.151	5.160	-0.009	87	8666	10.0	10.3	
	31 Isophorone	82	5.375	5.384	-0.009	96	33631	10.0	10.2	
	32 2-Nitrophenol	139	5.457	5.460	-0.003	89	10154	10.0	10.4	
	33 2,4-Dimethylphenol	122	5.481	5.484	-0.003	89	17220	10.0	10.8	
	35 Benzoic acid	122	5.522	5.572	-0.050	57	5649	10.0	8.50	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.581	5.584	-0.003	93	19803	10.0	10.0	
36 2,4-Dichlorophenol	162	5.675	5.678	-0.003	93	14735	10.0	10.2	
37 1,2,4-Trichlorobenzene	180	5.763	5.766	-0.003	91	16485	10.0	10.4	
* 38 Naphthalene-d8	136	5.822	5.825	-0.003	100	197765	40.0	40.0	
39 Naphthalene	128	5.840	5.842	-0.002	98	53303	10.0	10.5	
40 4-Chloroaniline	127	5.887	5.889	-0.002	81	23313	10.0	10.6	
130 2,6-Dichlorophenol	162	5.892	5.895	-0.003	81	14238	10.0	10.0	
41 Hexachlorobutadiene	225	5.957	5.954	0.003	94	10136	10.0	10.0	
42 Caprolactam	113	6.198	6.219	-0.021	85	3904	10.0	10.0	
43 4-Chloro-3-methylphenol	107	6.334	6.342	-0.008	92	14717	10.0	10.3	
44 2-Methylnaphthalene	142	6.498	6.501	-0.003	76	35368	10.0	10.4	
45 1-Methylnaphthalene	142	6.592	6.595	-0.003	91	32376	10.0	10.4	
46 Hexachlorocyclopentadiene	237	6.645	6.648	-0.003	86	13945	10.0	10.3	
47 1,2,4,5-Tetrachlorobenzene	216	6.651	6.654	-0.003	96	17647	10.0	10.3	
48 2-tertbutyl-4-methylphenol	149	6.675	6.678	-0.003	74	20596	10.0	9.84	
49 2,4,6-Trichlorophenol	196	6.757	6.760	-0.003	89	11982	10.0	10.5	
50 2,4,5-Trichlorophenol	196	6.787	6.789	-0.002	91	12515	10.0	10.1	
$ 51 2-Fluorobiphenyl	172	6.845	6.848	-0.003	97	37229	10.0	9.01	
52 1,1'-Biphenyl	154	6.939	6.942	-0.003	96	42116	10.0	10.4	
53 2-Chloronaphthalene	162	6.957	6.960	-0.003	96	32451	10.0	10.3	
54 Phenyl ether	170	7.039	7.042	-0.003	84	21339	10.0	9.62	
56 2-Nitroaniline	65	7.051	7.054	-0.003	93	12420	10.0	9.78	
57 1,3-Dimethylnaphthalene	156	7.163	7.166	-0.003	88	24769	10.0	9.86	
58 Dimethyl phthalate	163	7.222	7.231	-0.009	97	36284	10.0	10.2	
59 Coumarin	146	7.251	7.254	-0.003	74	12293	10.0	9.91	
60 2,6-Dinitrotoluene	165	7.281	7.289	-0.008	7	8426	10.0	10.7	
61 Acenaphthylene	152	7.351	7.354	-0.003	97	53885	10.0	10.5	
64 3-Nitroaniline	138	7.439	7.442	-0.003	93	9559	10.0	10.2	
* 65 Acenaphthene-d10	164	7.486	7.489	-0.003	98	107421	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.498	7.501	-0.003	93	28087	10.0	9.83	
67 Acenaphthene	154	7.516	7.519	-0.003	85	34250	10.0	10.4	
68 2,4-Dinitrophenol	184	7.534	7.542	-0.008	57	8445	20.0	18.6	a
69 4-Nitrophenol	65	7.581	7.589	-0.008	87	13192	20.0	19.3	
70 2,4-Dinitrotoluene	165	7.657	7.666	-0.009	90	11234	10.0	10.5	
71 Dibenzofuran	168	7.681	7.683	-0.002	91	45613	10.0	10.4	
72 2,3,4,6-Tetrachlorophenol	232	7.786	7.789	-0.003	90	10355	10.0	10.1	
73 Diethyl phthalate	149	7.892	7.901	-0.009	95	37474	10.0	10.4	
74 4-Chlorophenyl phenyl ether	204	8.004	8.007	-0.003	71	17891	10.0	10.4	
75 Fluorene	166	8.004	8.007	-0.003	80	35917	10.0	10.3	
76 4-Nitroaniline	138	8.010	8.025	-0.015	71	9463	10.0	10.1	
77 4,6-Dinitro-2-methylphenol	198	8.039	8.048	-0.009	47	13020	20.0	20.4	
78 N-Nitrosodiphenylamine	169	8.110	8.119	-0.009	95	25786	10.0	10.0	
79 1,2-Diphenylhydrazine	77	8.151	8.154	-0.003	92	36276	10.0	10.1	
$ 80 2,4,6-Tribromophenol	330	8.228	8.231	-0.002	88	8096	10.0	8.90	
81 4-Bromophenyl phenyl ether	248	8.463	8.472	-0.009	87	11470	10.0	10.2	
83 Hexachlorobenzene	284	8.516	8.519	-0.003	93	15259	10.0	10.3	
84 Atrazine	200	8.616	8.619	-0.003	85	9575	10.0	9.23	
85 Pentachlorophenol	266	8.704	8.707	-0.003	89	18313	20.0	20.6	
86 Pentachloronitrobenzene	237	8.716	8.719	-0.003	84	5240	10.0	9.23	
87 n-Octadecane	57	8.786	8.789	-0.003	94	25308	10.0	9.83	
* 88 Phenanthrene-d10	188	8.892	8.895	-0.003	99	201496	40.0	40.0	
89 Phenanthrene	178	8.910	8.919	-0.009	97	53762	10.0	10.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Anthracene	178	8.963	8.966	-0.003	98	55702	10.0	10.4	
91 Carbazole	167	9.110	9.113	-0.003	83	50395	10.0	10.2	
92 Di-n-butyl phthalate	149	9.445	9.448	-0.003	99	62284	10.0	10.2	
93 Fluoranthene	202	10.039	10.042	-0.003	97	60394	10.0	10.3	
94 Benzidine	184	10.169	10.177	-0.008	98	34495	10.0	9.78	
95 Pyrene	202	10.263	10.266	-0.003	97	61390	10.0	10.2	
82 Bisphenol-A	213	10.304	10.307	-0.003	91	29130	10.0	9.83	
$ 96 Terphenyl-d14	244	10.416	10.419	-0.003	98	48155	10.0	9.03	
97 Butyl benzyl phthalate	149	10.939	10.942	-0.003	95	24748	10.0	9.74	
99 Carbamazepine	193	11.051	11.060	-0.009	90	20874	10.0	8.91	
100 3,3'-Dichlorobenzidine	252	11.545	11.548	-0.003	99	22403	10.0	9.84	
101 Benzo[a]anthracene	228	11.569	11.577	-0.008	95	61180	10.0	10.2	
* 102 Chrysene-d12	240	11.580	11.589	-0.009	98	194868	40.0	40.0	
103 Chrysene	228	11.610	11.619	-0.009	91	58691	10.0	10.5	
104 Bis(2-ethylhexyl) phthalate	149	11.627	11.624	0.003	67	37336	10.0	9.98	
105 Di-n-octyl phthalate	149	12.510	12.518	-0.008	93	65011	10.0	9.82	
106 Benzo[b]fluoranthene	252	13.016	13.024	-0.008	98	64671	10.0	10.2	
107 Benzo[k]fluoranthene	252	13.051	13.065	-0.014	99	66197	10.0	10.1	
108 Benzo[a]pyrene	252	13.486	13.501	-0.015	96	62338	10.0	10.2	
* 109 Perylene-d12	264	13.574	13.577	-0.003	99	230772	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.257	15.277	-0.020	99	60153	10.0	9.93	
111 Dibenz(a,h)anthracene	278	15.309	15.330	-0.021	96	66006	10.0	10.3	
112 Benzo[g,h,i]perylene	276	15.745	15.771	-0.026	92	66730	10.0	9.88	
S 119 Total Cresols	1				0			20.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

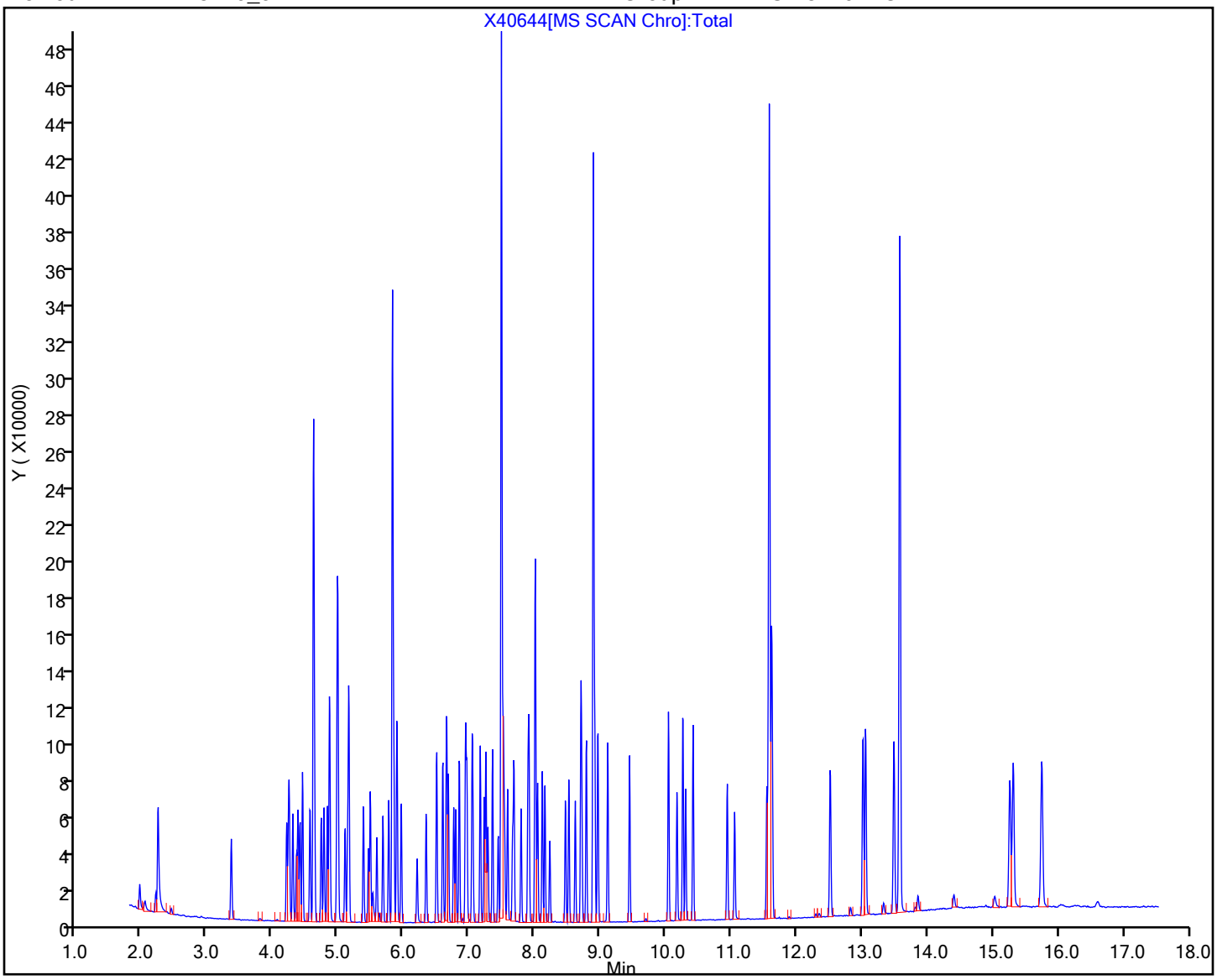
Reagents:

SV_BNA_L5_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Mar-2022 13:53:46 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40644.d
Injection Date: 29-Mar-2022 11:37:30 Instrument ID: CBNAMS5
Lims ID: STD10
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40645.d
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 29-Mar-2022 12:02:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143349-007
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Mar-2022 13:53:49 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: johnstonm1 Date: 29-Mar-2022 12:24:08

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.957	1.960	-0.003	94	3502	5.00	5.14	
	2 N-Nitrosodimethylamine	74	2.210	2.201	0.009	69	4724	5.00	4.46	
	3 Pyridine	79	2.246	2.237	0.009	84	16884	10.0	10.2	
$	4 2-Fluorophenol	112	3.357	3.360	-0.003	92	9488	5.00	4.87	
	5 Benzaldehyde	77	4.204	4.207	-0.003	89	8330	5.00	5.13	
$	6 Phenol-d5	99	4.234	4.237	-0.003	91	11147	5.00	4.81	
	7 Phenol	94	4.246	4.248	-0.002	80	12200	5.00	5.23	
	8 Aniline	93	4.298	4.301	-0.003	98	14169	5.00	5.06	
	9 Bis(2-chloroethyl)ether	93	4.357	4.360	-0.003	85	8375	5.00	5.04	
	11 2-Chlorophenol	128	4.410	4.413	-0.003	86	10052	5.00	5.04	
	12 n-Decane	43	4.446	4.448	-0.002	91	14522	5.00	5.16	
	13 1,3-Dichlorobenzene	146	4.563	4.560	0.003	94	11093	5.00	5.18	
*	14 1,4-Dichlorobenzene-d4	152	4.616	4.613	0.003	97	56444	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.628	4.631	-0.003	76	11297	5.00	5.21	
	16 Benzyl alcohol	108	4.734	4.737	-0.003	89	6244	5.00	5.12	
	17 1,2-Dichlorobenzene	146	4.775	4.778	-0.003	89	10852	5.00	5.28	
	18 2-Methylphenol	108	4.828	4.831	-0.003	83	8467	5.00	5.05	
	19 2,2'-oxybis[1-chloropropane]	45	4.863	4.866	-0.003	61	17357	5.00	4.97	
	24 4-Methylphenol	108	4.975	4.978	-0.003	80	9744	5.00	5.19	
	23 3 & 4 Methylphenol	108	4.975	4.978	-0.003	76	9744	5.00	5.19	
	20 N-Methylaniline	106	4.981	4.984	-0.003	73	14961	5.00	5.08	
	22 N-Nitrosodi-n-propylamine	70	4.987	4.990	-0.003	82	7457	5.00	5.37	
	21 Acetophenone	105	4.993	4.995	-0.002	90	14101	5.00	5.29	
	25 Hexachloroethane	117	5.098	5.095	0.003	89	4309	5.00	5.26	
$	26 Nitrobenzene-d5	82	5.134	5.142	-0.008	88	10736	5.00	4.83	
	28 Nitrobenzene	123	5.151	5.160	-0.009	86	4700	5.00	5.22	
	27 n,n'-Dimethylaniline	120	5.151	5.160	-0.009	80	14755	5.00	5.09	
	31 Isophorone	82	5.375	5.384	-0.009	95	18049	5.00	5.07	
	32 2-Nitrophenol	139	5.457	5.460	-0.003	83	5176	5.00	4.90	
	33 2,4-Dimethylphenol	122	5.481	5.484	-0.003	88	9432	5.00	5.48	
	35 Benzoic acid	122	5.510	5.572	-0.062	26	2336	5.00	5.34	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.581	5.584	-0.003	96	11102	5.00	5.19	
36 2,4-Dichlorophenol	162	5.675	5.678	-0.003	91	7938	5.00	5.09	
37 1,2,4-Trichlorobenzene	180	5.763	5.766	-0.003	90	8984	5.00	5.22	
* 38 Naphthalene-d8	136	5.822	5.825	-0.003	100	214077	40.0	40.0	
39 Naphthalene	128	5.840	5.842	-0.002	98	29018	5.00	5.29	
40 4-Chloroaniline	127	5.887	5.889	-0.002	81	12400	5.00	5.19	
130 2,6-Dichlorophenol	162	5.892	5.895	-0.003	80	8098	5.00	5.27	
41 Hexachlorobutadiene	225	5.957	5.954	0.003	91	5644	5.00	5.15	
42 Caprolactam	113	6.192	6.219	-0.027	80	2121	5.00	5.04	a
43 4-Chloro-3-methylphenol	107	6.334	6.342	-0.008	90	7910	5.00	5.10	
44 2-Methylnaphthalene	142	6.498	6.501	-0.003	83	19626	5.00	5.32	
45 1-Methylnaphthalene	142	6.592	6.595	-0.003	83	17491	5.00	5.19	
46 Hexachlorocyclopentadiene	237	6.645	6.648	-0.003	84	7602	5.00	5.01	
47 1,2,4,5-Tetrachlorobenzene	216	6.651	6.654	-0.003	94	9658	5.00	5.04	
48 2-tertbutyl-4-methylphenol	149	6.675	6.678	-0.003	74	11295	5.00	4.99	
49 2,4,6-Trichlorophenol	196	6.757	6.760	-0.003	87	6607	5.00	5.17	
50 2,4,5-Trichlorophenol	196	6.787	6.789	-0.002	86	6730	5.00	4.88	
$ 51 2-Fluorobiphenyl	172	6.845	6.848	-0.003	96	22667	5.00	4.92	
52 1,1'-Biphenyl	154	6.939	6.942	-0.003	97	22925	5.00	5.10	
53 2-Chloronaphthalene	162	6.957	6.960	-0.003	96	18162	5.00	5.15	
54 Phenyl ether	170	7.039	7.042	-0.003	83	12436	5.00	5.02	
56 2-Nitroaniline	65	7.051	7.054	-0.003	90	7124	5.00	5.02	
57 1,3-Dimethylnaphthalene	156	7.163	7.166	-0.003	87	13988	5.00	4.99	
58 Dimethyl phthalate	163	7.222	7.231	-0.009	97	20795	5.00	5.23	
59 Coumarin	146	7.251	7.254	-0.003	73	7085	5.00	5.28	
60 2,6-Dinitrotoluene	165	7.281	7.289	-0.008	10	4516	5.00	5.13	
61 Acenaphthylene	152	7.351	7.354	-0.003	96	29852	5.00	5.23	
64 3-Nitroaniline	138	7.439	7.442	-0.003	93	5268	5.00	5.06	
* 65 Acenaphthene-d10	164	7.486	7.489	-0.003	98	119884	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.498	7.501	-0.003	72	15945	5.00	5.00	
67 Acenaphthene	154	7.516	7.519	-0.003	70	18830	5.00	5.14	
68 2,4-Dinitrophenol	184	7.534	7.542	-0.008	36	4033	10.0	9.52	a
69 4-Nitrophenol	65	7.581	7.589	-0.008	86	6987	10.0	9.17	
70 2,4-Dinitrotoluene	165	7.657	7.666	-0.009	86	5971	5.00	4.99	
71 Dibenzofuran	168	7.681	7.683	-0.002	88	25901	5.00	5.31	
72 2,3,4,6-Tetrachlorophenol	232	7.786	7.789	-0.003	86	5682	5.00	4.96	
73 Diethyl phthalate	149	7.892	7.901	-0.009	95	20983	5.00	5.20	
74 4-Chlorophenyl phenyl ether	204	8.004	8.007	-0.003	71	10097	5.00	5.25	
75 Fluorene	166	8.004	8.007	-0.003	80	20177	5.00	5.17	
76 4-Nitroaniline	138	8.010	8.025	-0.015	70	5086	5.00	4.87	
77 4,6-Dinitro-2-methylphenol	198	8.039	8.048	-0.009	41	6957	10.0	9.75	
78 N-Nitrosodiphenylamine	169	8.110	8.119	-0.009	97	15299	5.00	5.32	
79 1,2-Diphenylhydrazine	77	8.151	8.154	-0.003	95	19798	5.00	4.93	
$ 80 2,4,6-Tribromophenol	330	8.228	8.231	-0.002	81	4822	5.00	4.75	
81 4-Bromophenyl phenyl ether	248	8.463	8.472	-0.009	84	6272	5.00	4.97	
83 Hexachlorobenzene	284	8.516	8.519	-0.003	91	8477	5.00	5.13	
84 Atrazine	200	8.616	8.619	-0.003	82	5652	5.00	4.87	
85 Pentachlorophenol	266	8.704	8.707	-0.003	88	9841	10.0	9.88	
86 Pentachloronitrobenzene	237	8.716	8.719	-0.003	80	3244	5.00	5.11	
87 n-Octadecane	57	8.786	8.789	-0.003	92	14535	5.00	5.05	
* 88 Phenanthrene-d10	188	8.892	8.895	-0.003	99	225342	40.0	40.0	
89 Phenanthrene	178	8.916	8.919	-0.003	96	31213	5.00	5.32	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Anthracene	178	8.963	8.966	-0.003	97	30991	5.00	5.17	
91 Carbazole	167	9.110	9.113	-0.003	83	29177	5.00	5.30	
92 Di-n-butyl phthalate	149	9.445	9.448	-0.003	98	33995	5.00	5.00	
93 Fluoranthene	202	10.039	10.042	-0.003	97	34039	5.00	5.20	
94 Benzidine	184	10.169	10.177	-0.008	96	19725	5.00	5.00	
95 Pyrene	202	10.263	10.266	-0.003	97	34859	5.00	5.05	
82 Bisphenol-A	213	10.304	10.307	-0.003	89	15901	5.00	4.67	
$ 96 Terphenyl-d14	244	10.416	10.419	-0.003	96	29082	5.00	4.75	
97 Butyl benzyl phthalate	149	10.939	10.942	-0.003	94	13685	5.00	4.69	
99 Carbamazepine	193	11.051	11.060	-0.009	89	10648	5.00	3.96	
100 3,3'-Dichlorobenzidine	252	11.545	11.548	-0.003	96	12463	5.00	4.77	
101 Benzo[a]anthracene	228	11.569	11.577	-0.008	72	33915	5.00	4.94	
* 102 Chrysene-d12	240	11.580	11.589	-0.009	98	223642	40.0	40.0	
103 Chrysene	228	11.616	11.619	-0.003	91	33352	5.00	5.22	
104 Bis(2-ethylhexyl) phthalate	149	11.627	11.624	0.003	68	20459	5.00	4.76	
105 Di-n-octyl phthalate	149	12.516	12.518	-0.002	90	33527	5.00	4.55	
106 Benzo[b]fluoranthene	252	13.016	13.024	-0.008	97	36627	5.00	5.17	
107 Benzo[k]fluoranthene	252	13.051	13.065	-0.014	99	36532	5.00	5.03	
108 Benzo[a]pyrene	252	13.486	13.501	-0.015	96	33937	5.00	4.98	
* 109 Perylene-d12	264	13.580	13.577	0.003	99	256746	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.257	15.277	-0.020	99	33384	5.00	4.95	
111 Dibenz(a,h)anthracene	278	15.310	15.330	-0.020	42	35664	5.00	5.01	
112 Benzo[g,h,i]perylene	276	15.739	15.771	-0.032	91	36879	5.00	4.91	
S 119 Total Cresols	1				0			10.2	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNA_L4_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Mar-2022 13:53:51 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40645.d

Injection Date: 29-Mar-2022 12:02:30 Instrument ID: CBNAMS5

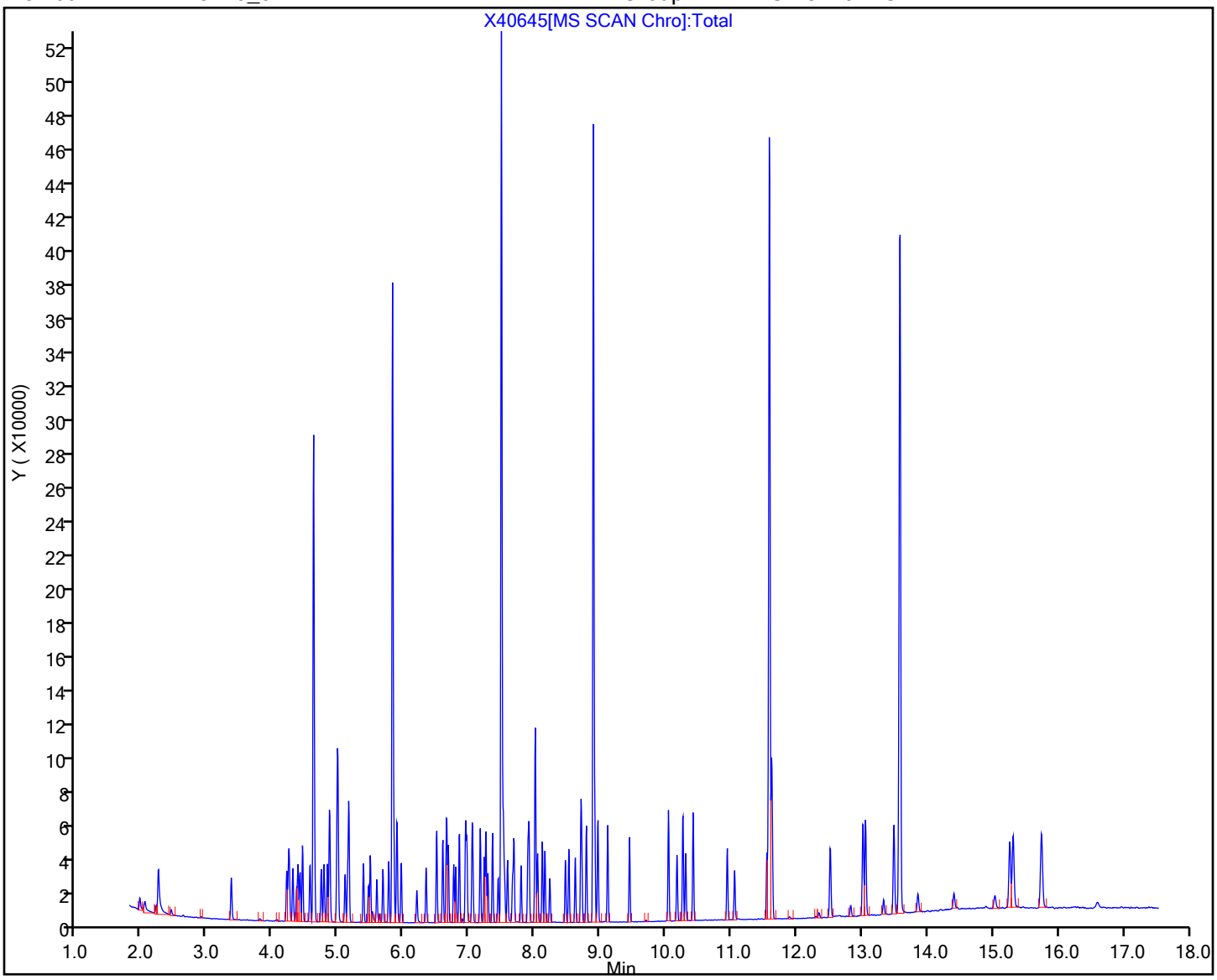
Lims ID: STD5

Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40646.d
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 29-Mar-2022 12:26:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143349-008
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Mar-2022 13:53:53 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: johnstonm1 Date: 29-Mar-2022 12:52:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.963	1.960	0.003	83	1221	2.00	1.88	
3 Pyridine	79	2.257	2.237	0.020	81	5450	4.00	3.44	
$ 4 2-Fluorophenol	112	3.357	3.360	-0.003	88	4235	2.00	2.28	
5 Benzaldehyde	77	4.204	4.207	-0.003	84	3051	2.00	1.97	
$ 6 Phenol-d5	99	4.228	4.237	-0.009	90	4963	2.00	2.25	
9 Bis(2-chloroethyl)ether	93	4.357	4.360	-0.003	74	3290	2.00	2.07	
* 14 1,4-Dichlorobenzene-d4	152	4.616	4.613	0.003	97	53839	40.0	40.0	
22 N-Nitrosodi-n-propylamine	70	4.987	4.990	-0.003	78	2490	2.00	1.88	
25 Hexachloroethane	117	5.098	5.095	0.003	82	1459	2.00	1.87	
$ 26 Nitrobenzene-d5	82	5.134	5.142	-0.008	82	4987	2.00	2.36	
27 n,n'-Dimethylaniline	120	5.151	5.160	-0.009	78	5235	2.00	1.89	
28 Nitrobenzene	123	5.151	5.160	-0.009	87	1669	2.00	1.94	
31 Isophorone	82	5.375	5.384	-0.009	91	6415	2.00	1.89	
36 2,4-Dichlorophenol	162	5.675	5.678	-0.003	86	2817	2.00	1.90	
37 1,2,4-Trichlorobenzene	180	5.763	5.766	-0.003	84	3306	2.00	2.02	
* 38 Naphthalene-d8	136	5.822	5.825	-0.003	100	203733	40.0	40.0	
130 2,6-Dichlorophenol	162	5.892	5.895	-0.003	81	2869	2.00	1.96	
41 Hexachlorobutadiene	225	5.957	5.954	0.003	82	2081	2.00	2.00	
42 Caprolactam	113	6.192	6.219	-0.027	73	716	2.00	1.79	M
49 2,4,6-Trichlorophenol	196	6.757	6.760	-0.003	78	2217	2.00	1.86	
$ 51 2-Fluorobiphenyl	172	6.845	6.848	-0.003	92	10310	2.00	2.40	
60 2,6-Dinitrotoluene	165	7.281	7.289	-0.008	1	1483	2.00	1.81	
* 65 Acenaphthene-d10	164	7.486	7.489	-0.003	98	111773	40.0	40.0	
68 2,4-Dinitrophenol	184	7.534	7.542	-0.008	14	758	4.00	4.12	a
70 2,4-Dinitrotoluene	165	7.657	7.666	-0.009	78	2162	2.00	1.94	a
77 4,6-Dinitro-2-methylphenol	198	8.039	8.048	-0.009	30	2139	4.00	3.17	
$ 80 2,4,6-Tribromophenol	330	8.228	8.231	-0.002	55	2102	2.00	2.22	
83 Hexachlorobenzene	284	8.516	8.519	-0.003	75	2970	2.00	1.90	
84 Atrazine	200	8.616	8.619	-0.003	56	2110	2.00	1.92	
85 Pentachlorophenol	266	8.704	8.707	-0.003	75	3143	4.00	3.33	
* 88 Phenanthrene-d10	188	8.892	8.895	-0.003	99	213490	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 96 Terphenyl-d14	244	10.416	10.419	-0.003	91	13167	2.00	2.33	
100 3,3'-Dichlorobenzidine	252	11.545	11.548	-0.003	75	4356	2.00	1.80	
101 Benzo[a]anthracene	228	11.569	11.577	-0.008	54	12379	2.00	1.95	
* 102 Chrysene-d12	240	11.580	11.589	-0.009	99	206603	40.0	40.0	
106 Benzo[b]fluoranthene	252	13.010	13.024	-0.014	95	12767	2.00	1.91	
107 Benzo[k]fluoranthene	252	13.051	13.065	-0.014	95	12279	2.00	1.80	
108 Benzo[a]pyrene	252	13.486	13.501	-0.015	93	12090	2.00	1.88	
* 109 Perylene-d12	264	13.580	13.577	0.003	99	241864	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.257	15.277	-0.020	98	11512	2.00	1.81	a
111 Dibenz(a,h)anthracene	278	15.304	15.330	-0.026	39	12246	2.00	1.83	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L3_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Mar-2022 13:53:54 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40646.d

Injection Date: 29-Mar-2022 12:26:30 Instrument ID: CBNAMS5

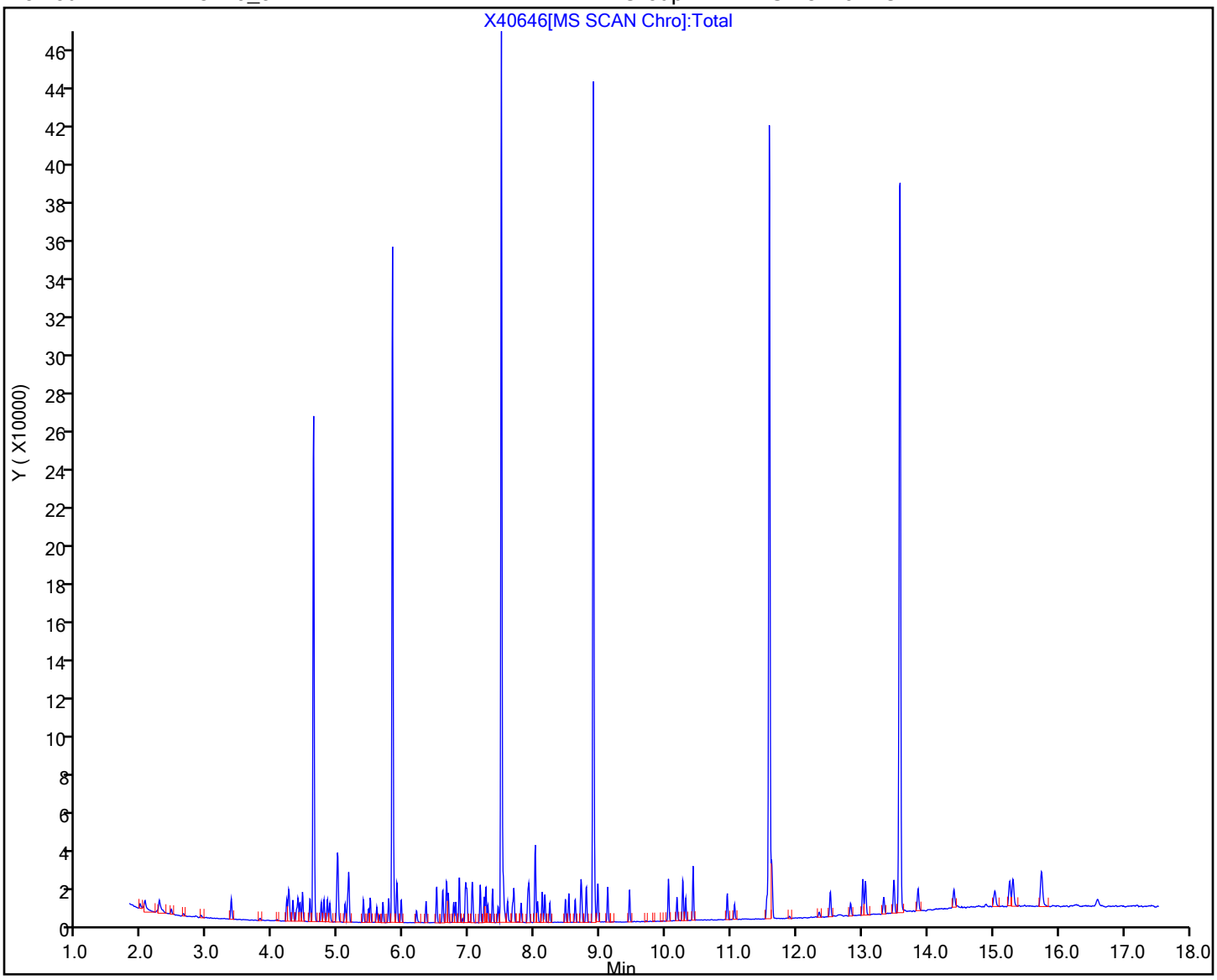
Lims ID: STD2

Client ID:

Operator ID: ALS Bottle#: 8 Worklist Smp#: 8

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40647.d
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 29-Mar-2022 12:51:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143349-009
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Mar-2022 13:53:56 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: johnstonm1 Date: 29-Mar-2022 13:11:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.963	1.960	0.003	72	581	1.00	0.9216	
3 Pyridine	79	2.275	2.237	0.038	70	2302	2.00	1.50	
$ 4 2-Fluorophenol	112	3.358	3.360	-0.002	77	1885	1.00	1.05	
5 Benzaldehyde	77	4.205	4.207	-0.003	83	1604	1.00	1.07	
$ 6 Phenol-d5	99	4.228	4.237	-0.009	84	2210	1.00	1.03	
9 Bis(2-chloroethyl)ether	93	4.357	4.360	-0.003	59	1489	1.00	0.9679	
* 14 1,4-Dichlorobenzene-d4	152	4.616	4.613	0.003	97	52210	40.0	40.0	
22 N-Nitrosodi-n-propylamine	70	4.987	4.990	-0.003	69	1217	1.00	0.9469	
25 Hexachloroethane	117	5.099	5.095	0.004	74	753	1.00	0.99	
$ 26 Nitrobenzene-d5	82	5.134	5.142	-0.008	72	2078	1.00	1.01	
28 Nitrobenzene	123	5.152	5.160	-0.008	76	795	1.00	0.9550	
27 n,n'-Dimethylaniline	120	5.157	5.160	-0.003	71	2654	1.00	0.99	
37 1,2,4-Trichlorobenzene	180	5.763	5.766	-0.003	57	1593	1.00	1.00	
* 38 Naphthalene-d8	136	5.822	5.825	-0.003	100	198298	40.0	40.0	
41 Hexachlorobutadiene	225	5.957	5.954	0.003	54	1086	1.00	1.07	
42 Caprolactam	113	6.193	6.219	-0.026	55	278	1.00	0.7127	M
$ 51 2-Fluorobiphenyl	172	6.840	6.848	-0.008	78	4473	1.00	1.05	
60 2,6-Dinitrotoluene	165	7.281	7.289	-0.008	1	783	1.00	0.9625	
* 65 Acenaphthene-d10	164	7.487	7.489	-0.002	98	110872	40.0	40.0	
70 2,4-Dinitrotoluene	165	7.657	7.666	-0.009	51	1027	1.00	0.9277	a
$ 80 2,4,6-Tribromophenol	330	8.228	8.231	-0.002	1	981	1.00	1.04	
83 Hexachlorobenzene	284	8.516	8.519	-0.003	58	1550	1.00	1.02	
84 Atrazine	200	8.616	8.619	-0.003	32	1072	1.00	1.00	
* 88 Phenanthrene-d10	188	8.892	8.895	-0.003	99	208257	40.0	40.0	
$ 96 Terphenyl-d14	244	10.416	10.419	-0.003	75	6136	1.00	1.08	
101 Benzo[a]anthracene	228	11.569	11.577	-0.008	46	6557	1.00	1.03	
* 102 Chrysene-d12	240	11.580	11.589	-0.009	99	207266	40.0	40.0	
106 Benzo[b]fluoranthene	252	13.010	13.024	-0.014	89	6506	1.00	0.9709	
107 Benzo[k]fluoranthene	252	13.051	13.065	-0.014	88	6950	1.00	1.01	
108 Benzo[a]pyrene	252	13.480	13.501	-0.021	89	6375	1.00	0.9895	
* 109 Perylene-d12	264	13.574	13.577	-0.003	99	242849	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
110 Indeno[1,2,3-cd]pyrene	276	15.251	15.277	-0.026	88	5635	1.00	0.8841	
111 Dibenz(a,h)anthracene	278	15.304	15.330	-0.026	38	6448	1.00	0.9571	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L2_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Mar-2022 13:53:57 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40647.d

Injection Date: 29-Mar-2022 12:51:30 Instrument ID: CBNAMS5

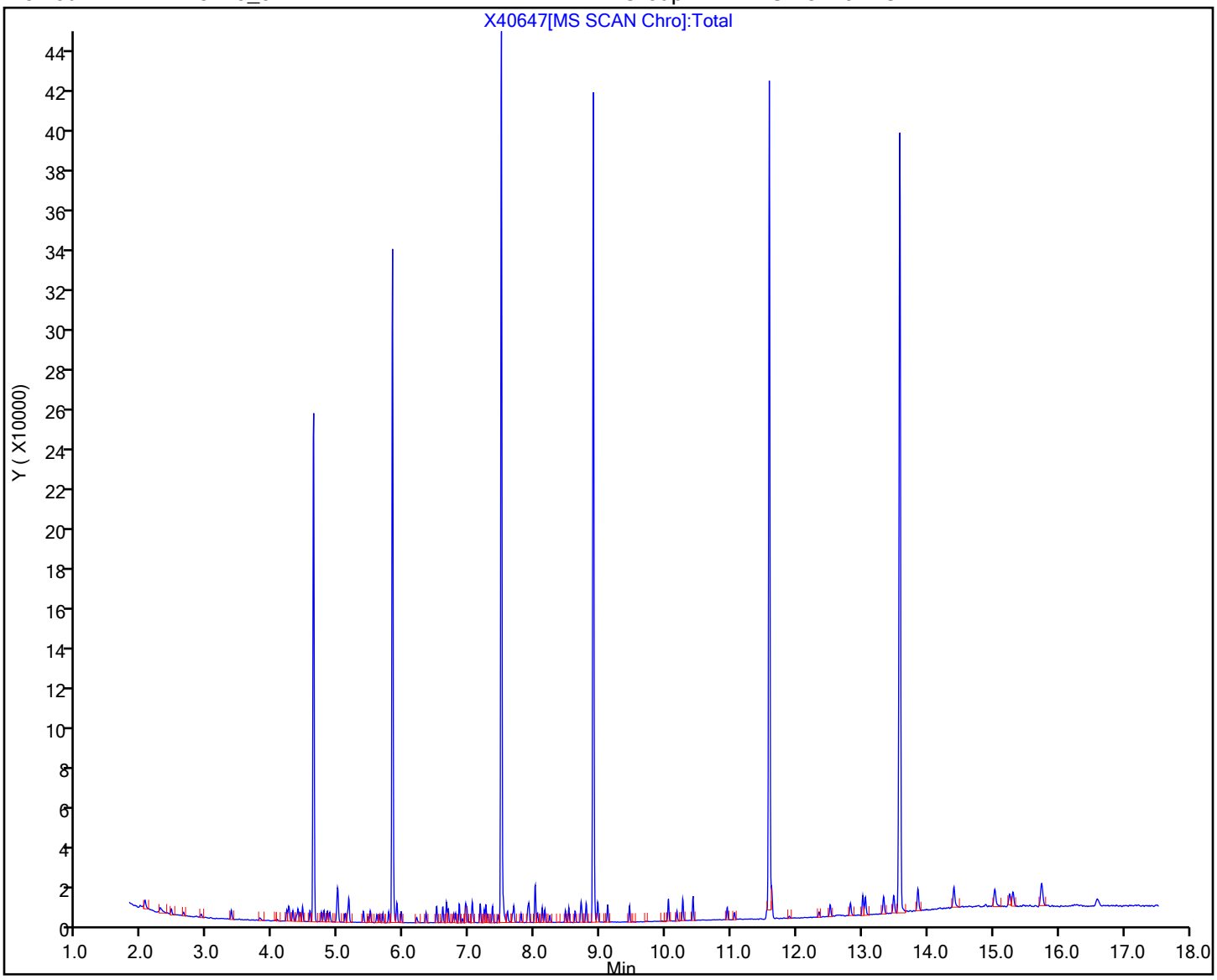
Lims ID: STD1

Client ID:

Operator ID: ALS Bottle#: 9 Worklist Smp#: 9

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 29-Mar-2022 13:15:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143349-010
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Mar-2022 13:53:59 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: johnstonm1 Date: 29-Mar-2022 13:39:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.969	1.960	0.009	39	382	0.5000	0.5786	a
$ 6 Phenol-d5	99	4.228	4.237	-0.009	72	1052	0.5000	0.4691	
9 Bis(2-chloroethyl)ether	93	4.357	4.360	-0.003	61	684	0.5000	0.4245	
* 14 1,4-Dichlorobenzene-d4	152	4.616	4.613	0.003	97	54677	40.0	40.0	
22 N-Nitrosodi-n-propylamine	70	4.987	4.990	-0.003	66	597	0.5000	0.4436	a
25 Hexachloroethane	117	5.093	5.095	-0.002	59	412	0.5000	0.5189	
$ 26 Nitrobenzene-d5	82	5.134	5.142	-0.008	53	1101	0.5000	0.5233	
27 n,n'-Dimethylaniline	120	5.151	5.160	-0.009	57	1448	0.5000	0.5158	a
28 Nitrobenzene	123	5.151	5.160	-0.009	64	428	0.5000	0.4910	
37 1,2,4-Trichlorobenzene	180	5.763	5.766	-0.003	37	806	0.5000	0.4945	
* 38 Naphthalene-d8	136	5.822	5.825	-0.003	100	202685	40.0	40.0	
$ 51 2-Fluorobiphenyl	172	6.840	6.848	-0.008	63	2470	0.5000	0.5685	
* 65 Acenaphthene-d10	164	7.487	7.489	-0.002	99	112954	40.0	40.0	
83 Hexachlorobenzene	284	8.516	8.519	-0.003	34	761	0.5000	0.4766	
* 88 Phenanthrene-d10	188	8.892	8.895	-0.003	99	217858	40.0	40.0	
$ 96 Terphenyl-d14	244	10.416	10.419	-0.003	40	2960	0.5000	0.5220	
101 Benzo[a]anthracene	228	11.569	11.577	-0.008	39	3551	0.5000	0.5581	
* 102 Chrysene-d12	240	11.580	11.589	-0.009	99	207179	40.0	40.0	
106 Benzo[b]fluoranthene	252	13.010	13.024	-0.014	75	3148	0.5000	0.4669	
107 Benzo[k]fluoranthene	252	13.051	13.065	-0.014	73	3467	0.5000	0.5018	
108 Benzo[a]pyrene	252	13.486	13.501	-0.015	80	2951	0.5000	0.4553	
* 109 Perylene-d12	264	13.574	13.577	-0.003	99	244333	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.251	15.277	-0.026	83	2966	0.5000	0.4625	
111 Dibenz(a,h)anthracene	278	15.304	15.330	-0.026	24	2958	0.5000	0.4364	

QC Flag Legend
Processing Flags

Review Flags
a - User Assigned ID

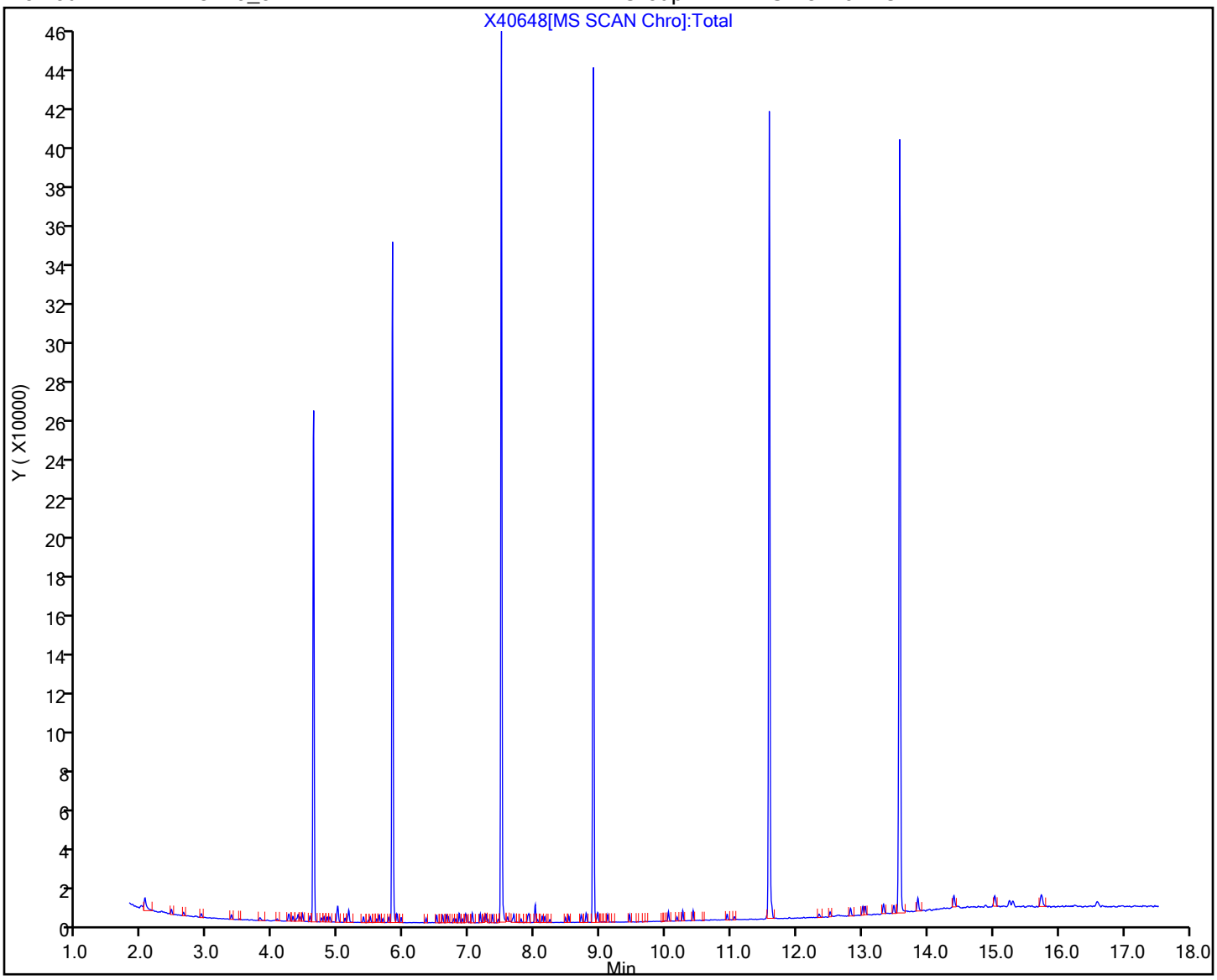
Reagents:

SV_BNA_L1_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Mar-2022 13:54:00 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d
Injection Date: 29-Mar-2022 13:15:30 Instrument ID: CBNAMS5
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICV 460-832222/11 | Calibration Date: 03/08/2022 12:27

Instrument ID: CBNAMS16 | Calib Start Date: 03/08/2022 09:18

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 03/08/2022 12:06

Lab File ID: A186576.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5356	0.5226		9760	10000	-2.4	30.0
N-Nitrosodimethylamine	Ave	0.8279	0.8521		10300	10000	2.9	30.0
Pyridine	Ave	1.249	1.224		19600	20000	-2.1	30.0
Benzaldehyde	Ave	1.260	1.216	0.0100	3860	4000	-3.5	30.0
Phenol	Ave	1.762	1.732	0.8000	9830	10000	-1.7	30.0
Aniline	Ave	2.179	2.142		9830	10000	-1.7	30.0
Bis(2-chloroethyl)ether	Ave	1.357	1.334	0.7000	9830	10000	-1.7	30.0
2-Chlorophenol	Ave	1.384	1.348	0.8000	9740	10000	-2.6	30.0
n-Decane	Ave	1.886	1.949		10300	10000	3.3	30.0
1,3-Dichlorobenzene	Ave	1.556	1.498		9620	10000	-3.8	30.0
1,4-Dichlorobenzene	Ave	1.561	1.492		9560	10000	-4.4	30.0
Benzyl alcohol	Ave	0.8605	0.8499		9880	10000	-1.2	30.0
1,2-Dichlorobenzene	Ave	1.465	1.454		9920	10000	-0.8	30.0
2-Methylphenol	Ave	1.200	1.150	0.7000	9580	10000	-4.2	30.0
2,2'-oxybis[1-chloropropane]	Ave	2.147	2.319	0.0100	10800	10000	8.0	30.0
N-Methylaniline	Ave	2.226	2.128		9560	10000	-4.4	30.0
3 & 4 Methylphenol	Ave	1.387	1.348		9710	10000	-2.9	30.0
4-Methylphenol	Ave	1.386	1.342	0.6000	9680	10000	-3.2	30.0
Acetophenone	Ave	1.988	1.927	0.0100	9690	10000	-3.1	30.0
N-Nitrosodi-n-propylamine	Ave	1.049	1.066	0.5000	10200	10000	1.6	30.0
Hexachloroethane	Ave	0.5898	0.5941	0.3000	10100	10000	0.7	30.0
Nitrobenzene	Ave	0.6740	0.6480	0.2000	9610	10000	-3.9	30.0
n,n'-Dimethylaniline	Ave	2.226	2.175		9770	10000	-2.3	30.0
Isophorone	Ave	0.6992	0.6802	0.4000	9730	10000	-2.7	30.0
2-Nitrophenol	Ave	0.1853	0.1779	0.1000	9600	10000	-4.0	30.0
2,4-Dimethylphenol	Ave	0.3092	0.2918	0.2000	9440	10000	-5.6	30.0
Benzoic acid	Lin2		0.1563		9320	10000	-6.8	30.0
Bis(2-chloroethoxy)methane	Ave	0.4133	0.3978	0.3000	9620	10000	-3.8	30.0
2,4-Dichlorophenol	Ave	0.2970	0.2788	0.2000	9390	10000	-6.1	30.0
1,2,4-Trichlorobenzene	Ave	0.3148	0.3130		9940	10000	-0.6	30.0
Naphthalene	Ave	1.055	0.997	0.7000	9460	10000	-5.4	30.0
4-Chloroaniline	Ave	0.4098	0.3983	0.0100	9720	10000	-2.8	30.0
Hexachlorobutadiene	Ave	0.2020	0.1882	0.0100	9320	10000	-6.8	30.0
Caprolactam	Ave	0.0795	0.0800	0.0100	4030	4000	0.7	30.0
4-Chloro-3-methylphenol	Ave	0.2985	0.2802	0.2000	9390	10000	-6.1	30.0
2-Methylnaphthalene	Ave	0.7068	0.6555	0.4000	9280	10000	-7.2	30.0
1-Methylnaphthalene	Ave	0.6374	0.6004		9420	10000	-5.8	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5898	0.5875	0.0100	9960	10000	-0.4	30.0
Hexachlorocyclopentadiene	Ave	0.4574	0.4433	0.0500	9690	10000	-3.1	30.0
2-tertbutyl-4-methylphenol	Ave	0.4470	0.4430		9910	10000	-0.9	30.0
2,4,6-Trichlorophenol	Ave	0.3794	0.3717	0.2000	9800	10000	-2.0	30.0
2,4,5-Trichlorophenol	Ave	0.4094	0.4311	0.2000	10500	10000	5.3	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICV 460-832222/11 Calibration Date: 03/08/2022 12:27

Instrument ID: CBNAMS16 Calib Start Date: 03/08/2022 09:18

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/08/2022 12:06

Lab File ID: A186576.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1'-Biphenyl	Ave	1.546	1.598	0.0100	10300	10000	3.4	30.0
2-Chloronaphthalene	Ave	1.142	1.183	0.8000	10400	10000	3.6	30.0
Phenyl ether	Ave	0.8344	0.8455		10100	10000	1.3	30.0
2-Nitroaniline	Ave	0.4688	0.4935	0.0100	10500	10000	5.3	30.0
1,3-Dimethylnaphthalene	Ave	0.9487	1.058		11200	10000	11.5	30.0
Dimethyl phthalate	Ave	1.263	1.306	0.0100	10300	10000	3.5	30.0
Coumarin	Ave	0.2150	0.2074		9640	10000	-3.6	30.0
2,6-Dinitrotoluene	Ave	0.2798	0.2873	0.2000	10300	10000	2.7	30.0
Acenaphthylene	Ave	1.794	1.791	0.9000	9980	10000	-0.2	30.0
3-Nitroaniline	Ave	0.2804	0.2977	0.0100	10600	10000	6.2	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.150	1.186		10300	10000	3.1	30.0
Acenaphthene	Ave	1.281	1.333	0.9000	10400	10000	4.1	30.0
2,4-Dinitrophenol	Ave	0.1676	0.1777	0.0100	21200	20000	6.0	30.0
4-Nitrophenol	Ave	0.2442	0.2584	0.0100	21200	20000	5.8	30.0
2,4-Dinitrotoluene	Ave	0.3694	0.3796	0.2000	10300	10000	2.8	30.0
Dibenzofuran	Ave	1.612	1.662	0.8000	10300	10000	3.1	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.3102	0.3073	0.0100	9910	10000	-0.9	30.0
Diethyl phthalate	Ave	1.228	1.227	0.0100	9990	10000	-0.0	30.0
4-Chlorophenyl phenyl ether	Ave	0.6274	0.5995	0.4000	9560	10000	-4.4	30.0
Fluorene	Ave	1.280	1.274	0.9000	9950	10000	-0.5	30.0
4-Nitroaniline	Ave	0.2746	0.2935	0.0100	10700	10000	6.9	30.0
4,6-Dinitro-2-methylphenol	Ave	0.1307	0.1378	0.0100	21100	20000	5.5	30.0
N-Nitrosodiphenylamine	Ave	0.5484	0.5586	0.0100	10200	10000	1.8	30.0
1,2-Diphenylhydrazine	Ave	0.8305	0.8688		10500	10000	4.6	30.0
4-Bromophenyl phenyl ether	Ave	0.2038	0.1993	0.1000	9780	10000	-2.2	30.0
Hexachlorobenzene	Ave	0.2308	0.2208	0.1000	9560	10000	-4.4	30.0
Atrazine	Ave	0.1976	0.2092	0.0100	4240	4000	5.9	30.0
Pentachlorophenol	Ave	0.1356	0.1343	0.0500	19800	20000	-0.9	30.0
Pentachloronitrobenzene	Ave	0.1063	0.1077	0.0100	10100	10000	1.2	30.0
n-Octadecane	Ave	0.5886	0.6527		11100	10000	10.9	30.0
Phenanthrene	Ave	1.100	1.119	0.7000	10200	10000	1.8	30.0
Anthracene	Ave	1.110	1.126	0.7000	10100	10000	1.5	30.0
Carbazole	Ave	0.9401	0.9542	0.0100	10200	10000	1.5	30.0
Di-n-butyl phthalate	Ave	1.085	1.140	0.0100	10500	10000	5.1	30.0
Fluoranthene	Ave	1.076	1.078	0.6000	10000	10000	0.2	30.0
Benzidine	Ave	0.5641	0.6027		10700	10000	6.8	30.0
Pyrene	Ave	1.523	1.602	0.6000	10500	10000	5.2	30.0
Bisphenol-A	Ave	0.6099	0.6664		10900	10000	9.3	30.0
Butyl benzyl phthalate	Ave	0.5745	0.6359	0.0100	11100	10000	10.7	30.0
Carbamazepine	Lin2		0.5290		10400	10000	3.6	30.0
3,3'-Dichlorobenzidine	Ave	0.4245	0.4941	0.0100	11600	10000	16.4	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICV 460-832222/11 Calibration Date: 03/08/2022 12:27

Instrument ID: CBNAMS16 Calib Start Date: 03/08/2022 09:18

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/08/2022 12:06

Lab File ID: A186576.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[a]anthracene	Ave	1.291	1.279	0.8000	9900	10000	-1.0	30.0
Chrysene	Ave	1.229	1.293	0.7000	10500	10000	5.2	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.7690	0.8775	0.0100	11400	10000	14.1	30.0
Di-n-octyl phthalate	Ave	1.482	1.601	0.0100	10800	10000	8.0	30.0
Benzo[b]fluoranthene	Ave	1.233	1.221		9900	10000	-1.0	30.0
Benzo[k]fluoranthene	Ave	1.255	1.405	0.7000	11200	10000	12.0	30.0
Benzo[a]pyrene	Ave	1.125	1.216	0.7000	10800	10000	8.1	30.0
Indeno[1,2,3-cd]pyrene	Ave	0.9873	1.074	0.5000	10900	10000	8.8	30.0
Dibenz(a,h)anthracene	Ave	1.034	1.050	0.4000	10100	10000	1.5	30.0
Benzo[g,h,i]perylene	Ave	1.074	1.069	0.5000	9960	10000	-0.4	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186576.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 08-Mar-2022 12:27:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142382-011
Operator ID: Instrument ID: CBNAMS16
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 08-Mar-2022 12:47:47 Calib Date: 08-Mar-2022 12:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186575.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1630

First Level Reviewer: johnstonm1 Date: 08-Mar-2022 12:48:02

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1	1,4-Dioxane	88	1.828	1.828	0.000	98	321225	10.0	9.76	
2	N-Nitrosodimethylamine	74	2.034	2.034	0.000	75	523754	10.0	10.3	
3	Pyridine	79	2.075	2.075	0.000	83	1504057	20.0	19.6	
128	N-Nitrosomethylethylamine	88	2.716	2.757	-0.041	0	460	NC	NC	
5	Benzaldehyde	77	3.981	3.975	0.006	88	298965	4.00	3.86	E
7	Phenol	94	4.051	4.046	0.005	97	1064424	10.0	9.83	
8	Aniline	93	4.081	4.081	0.000	30	1316349	10.0	9.83	
9	Bis(2-chloroethyl)ether	93	4.140	4.134	0.006	91	820095	10.0	9.83	
10	Benzonitrile	103	4.157	4.151	0.006	0	1640602	NC	NC	
11	2-Chlorophenol	128	4.198	4.198	-0.001	87	828439	10.0	9.74	
12	n-Decane	43	4.251	4.251	0.000	94	1197773	10.0	10.3	
13	1,3-Dichlorobenzene	146	4.351	4.346	0.005	93	920411	10.0	9.62	
* 14	1,4-Dichlorobenzene-d4	152	4.398	4.399	0.000	95	491704	8.00	8.00	
15	1,4-Dichlorobenzene	146	4.416	4.416	0.000	90	916838	10.0	9.56	
16	Benzyl alcohol	108	4.522	4.522	0.000	88	522392	10.0	9.88	
18	1,2-Dichlorobenzene	146	4.563	4.563	0.000	89	893467	10.0	9.92	
19	2-Methylphenol	108	4.634	4.628	0.006	79	706602	10.0	9.58	
20	2,2'-oxybis[1-chloropropane]	45	4.657	4.657	0.000	87	1425293	10.0	10.8	
130	N-Nitrosopyrrolidine	100	4.645	4.698	-0.053	0	917	NC	NC	
21	N-Methylaniline	106	4.769	4.769	0.000	73	1307890	10.0	9.56	
24	3 & 4 Methylphenol	108	4.781	4.775	0.006	0	828228	10.0	9.71	
25	4-Methylphenol	108	4.781	4.775	0.006	66	824530	10.0	9.68	
23	Acetophenone	105	4.781	4.775	0.006	78	1184400	10.0	9.69	
22	N-Nitrosodi-n-propylamine	70	4.781	4.775	0.006	72	655169	10.0	10.2	
26	2-Toluidine	107	4.775	4.798	-0.023	0	1826024	NC	NC	
27	Hexachloroethane	117	4.887	4.887	0.000	93	365124	10.0	10.1	
29	Nitrobenzene	123	4.940	4.940	0.000	88	398253	10.0	9.61	
30	n,n'-Dimethylaniline	120	4.945	4.945	-0.001	83	1336969	10.0	9.77	
31	Isophorone	82	5.169	5.163	0.006	99	1658652	10.0	9.73	
32	2-Nitrophenol	139	5.245	5.245	-0.001	81	433766	10.0	9.60	
33	2,4-Dimethylphenol	122	5.287	5.287	0.000	84	711579	10.0	9.44	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.369	5.340	0.029	44	381019	10.0	9.32	
34 Bis(2-chloroethoxy)methane	93	5.375	5.375	0.000	97	969876	10.0	9.62	
118 Catechol	110	5.475	5.451	0.024	0	2130	NC	NC	
36 2,4-Dichlorophenol	162	5.475	5.475	0.000	93	679763	10.0	9.39	
37 1,2,4-Trichlorobenzene	180	5.557	5.557	0.000	94	763117	10.0	9.94	
* 38 Naphthalene-d8	136	5.610	5.610	0.000	98	1950696	8.00	8.00	
39 Naphthalene	128	5.634	5.628	0.006	99	2432246	10.0	9.46	
40 4-Chloroaniline	127	5.681	5.675	0.006	77	971234	10.0	9.72	
41 2,6-Dichlorophenol	162	5.692	5.687	0.005	92	648195	10.0	9.14	
43 Hexachlorobutadiene	225	5.763	5.763	0.000	94	459000	10.0	9.32	
132 1-Chloro-2-nitrobenzene	75	5.940	5.928	0.012	0	1134	NC	NC	
44 Caprolactam	113	5.992	5.975	0.017	88	78069	4.00	4.03	
45 4-Chloro-3-methylphenol	107	6.140	6.139	0.000	96	683235	10.0	9.39	
46 2-Methylnaphthalene	142	6.287	6.287	0.000	81	1598459	10.0	9.28	
47 1-Methylnaphthalene	142	6.381	6.381	0.000	89	1464000	10.0	9.42	
49 1,2,4,5-Tetrachlorobenzene	216	6.451	6.451	0.000	94	714178	10.0	9.96	
48 Hexachlorocyclopentadiene	237	6.451	6.451	0.000	84	538903	10.0	9.69	
50 2-tertbutyl-4-methylphenol	149	6.481	6.481	0.000	68	1080105	10.0	9.91	
51 2,4,6-Trichlorophenol	196	6.557	6.557	0.000	86	451836	10.0	9.80	
52 2,4,5-Trichlorophenol	196	6.587	6.587	0.000	83	524040	10.0	10.5	
54 1,1'-Biphenyl	154	6.728	6.728	0.000	96	1942635	10.0	10.3	
55 2-Chloronaphthalene	162	6.745	6.745	0.000	96	1438543	10.0	10.4	
56 Phenyl ether	170	6.828	6.828	0.000	88	1027905	10.0	10.1	
57 2-Nitroaniline	65	6.839	6.834	0.005	88	599967	10.0	10.5	
117 1,4-Naphthoquinone	158	6.951	6.869	0.082	0	10438	NC	NC	
58 1,3-Dimethylnaphthalene	156	6.957	6.951	0.006	91	1286390	10.0	11.2	
59 Dimethyl phthalate	163	7.016	7.016	0.000	97	1588255	10.0	10.3	
60 Coumarin	146	7.034	7.028	0.006	68	505614	10.0	9.64	
61 2,6-Dinitrotoluene	165	7.069	7.063	0.006	1	349300	10.0	10.3	
62 Acenaphthylene	152	7.139	7.134	0.005	97	2176758	10.0	9.98	
63 3-Nitroaniline	138	7.228	7.222	0.006	92	361895	10.0	10.6	
* 64 Acenaphthene-d10	164	7.269	7.269	0.000	93	972539	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.298	7.298	0.000	88	1441787	10.0	10.3	
66 Acenaphthene	154	7.304	7.298	0.006	93	1620976	10.0	10.4	
67 2,4-Dinitrophenol	184	7.322	7.316	0.006	78	432017	20.0	21.2	
68 4-Nitrophenol	65	7.386	7.381	0.005	93	628297	20.0	21.2	
115 Pentachlorobenzene	250	7.434	7.422	0.012	0	4064	NC	NC	
69 2,4-Dinitrotoluene	165	7.445	7.445	0.000	89	461520	10.0	10.3	
70 Dibenzofuran	168	7.463	7.463	0.000	90	2020308	10.0	10.3	
71 2,3,4,6-Tetrachlorophenol	232	7.581	7.581	0.000	91	373589	10.0	9.91	
72 Diethyl phthalate	149	7.686	7.681	0.005	97	1491045	10.0	10.0	
74 4-Chlorophenyl phenyl ether	204	7.786	7.786	-0.001	71	728752	10.0	9.56	
73 Fluorene	166	7.786	7.786	-0.001	81	1548812	10.0	9.95	
75 4-Nitroaniline	138	7.798	7.792	0.006	91	356844	10.0	10.7	
77 4,6-Dinitro-2-methylphenol	198	7.834	7.828	0.006	84	534584	20.0	21.1	
78 N-Nitrosodiphenylamine	169	7.898	7.892	0.006	68	1083175	10.0	10.2	
79 1,2-Diphenylhydrazine	77	7.934	7.934	0.000	1	1684811	10.0	10.5	
81 4-Bromophenyl phenyl ether	248	8.245	8.245	0.000	84	386567	10.0	9.78	
82 Hexachlorobenzene	284	8.310	8.310	0.000	98	428093	10.0	9.56	
83 Atrazine	200	8.398	8.398	0.000	87	162306	4.00	4.24	
84 Pentachlorophenol	266	8.492	8.492	0.000	87	520787	20.0	19.8	
129 4-Aminobiphenyl	169	8.492	8.504	-0.012	0	79289	NC	NC	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
85 Pentachloronitrobenzene	237	8.510	8.504	0.006	86	208764	10.0	10.1	
87 n-Octadecane	57	8.581	8.581	0.000	95	1265742	10.0	11.1	
* 88 Phenanthrene-d10	188	8.663	8.663	0.000	99	1551407	8.00	8.00	
89 Phenanthrene	178	8.686	8.686	0.000	97	2170980	10.0	10.2	
90 Anthracene	178	8.733	8.733	-0.001	98	2182883	10.0	10.1	
91 Carbazole	167	8.881	8.880	-0.001	83	1850468	10.0	10.2	
92 Di-n-butyl phthalate	149	9.222	9.222	0.000	99	2210846	10.0	10.5	
93 Fluoranthene	202	9.804	9.804	0.000	98	2090813	10.0	10.0	
94 Benzidine	184	9.927	9.933	-0.001	99	1168818	10.0	10.7	
95 Pyrene	202	10.016	10.021	0.000	98	2076543	10.0	10.5	
96 Bisphenol-A	213	10.063	10.068	0.000	92	863768	10.0	10.9	
98 Butyl benzyl phthalate	149	10.663	10.668	0.000	97	824241	10.0	11.1	
100 Carbamazepine	193	10.769	10.768	0.006	90	685703	10.0	10.4	
101 3,3'-Dichlorobenzidine	252	11.233	11.233	0.006	99	640451	10.0	11.6	
102 Benzo[a]anthracene	228	11.257	11.257	0.006	98	1657542	10.0	9.90	
* 103 Chrysene-d12	240	11.269	11.263	0.006	97	1036957	8.00	8.00	
104 Chrysene	228	11.298	11.298	0.006	95	1675432	10.0	10.5	
105 Bis(2-ethylhexyl) phthalate	149	11.316	11.322	0.000	86	1137471	10.0	11.4	
106 Di-n-octyl phthalate	149	12.127	12.127	0.000	97	1886526	10.0	10.8	
107 Benzo[b]fluoranthene	252	12.598	12.598	0.000	98	1438983	10.0	9.90	
108 Benzo[k]fluoranthene	252	12.639	12.633	0.006	99	1656295	10.0	11.2	
109 Benzo[a]pyrene	252	13.039	13.039	0.000	97	1433490	10.0	10.8	
* 110 Perylene-d12	264	13.121	13.121	0.000	98	942793	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.645	14.639	0.006	99	1265890	10.0	10.9	
112 Dibenz(a,h)anthracene	278	14.686	14.680	0.006	95	1237094	10.0	10.1	
113 Benzo[g,h,i]perylene	276	15.062	15.057	0.005	97	1259701	10.0	9.96	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Reagents:

SV_ICV_ LVI_00007 Amount Added: 1.00 Units: mL

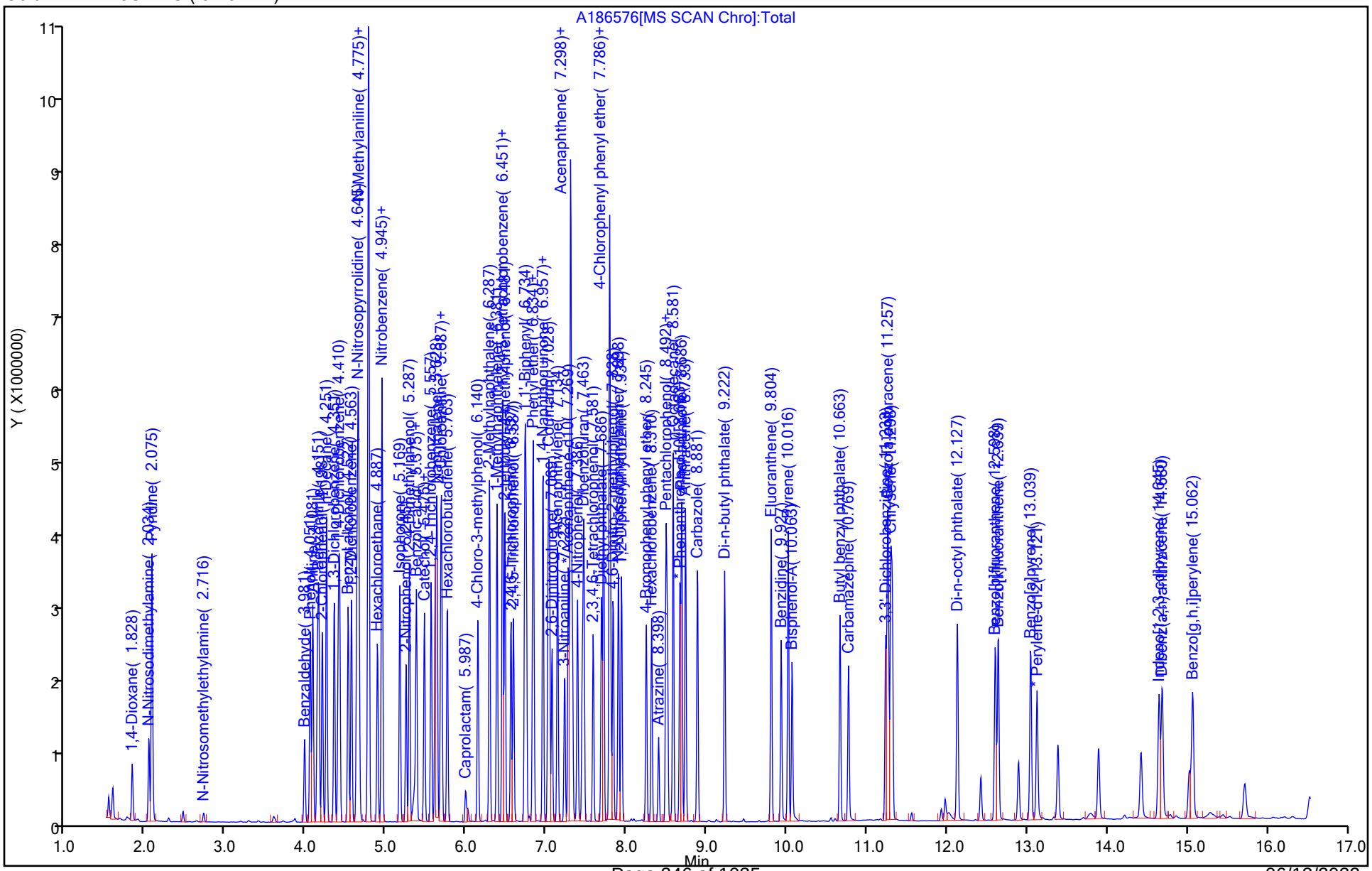
Report Date: 08-Mar-2022 12:48:04 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186576.D

Injection Date:	08-Mar-2022 12:27:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	ICV			Worklist Smp#:	11
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Lab Sample ID: CCVIS 460-842273/2 | Calibration Date: 05/01/2022 11:13

Instrument ID: CBNAMS16 | Calib Start Date: 03/08/2022 09:18

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 03/08/2022 12:06

Lab File ID: A187689.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5356	0.6409		12000	10000	19.7	20.0
N-Nitrosodimethylamine	Ave	0.8279	1.063		12800	10000	28.4*	20.0
Pyridine	Ave	1.249	1.516		24300	20000	21.4*	20.0
Benzaldehyde	Ave	1.260	0.7393	0.0100	2350	4000	-41.3*	20.0
Phenol	Ave	1.762	2.107	0.8000	12000	10000	19.6	20.0
Aniline	Ave	2.179	2.451		11300	10000	12.5	20.0
Bis(2-chloroethyl)ether	Ave	1.357	1.542	0.7000	11400	10000	13.7	20.0
2-Chlorophenol	Ave	1.384	1.447	0.8000	10500	10000	4.6	20.0
n-Decane	Ave	1.886	2.447		13000	10000	29.8*	20.0
1,3-Dichlorobenzene	Ave	1.556	1.572		10100	10000	1.0	20.0
1,4-Dichlorobenzene	Ave	1.561	1.578		10100	10000	1.1	20.0
Benzyl alcohol	Ave	0.8605	0.9580		11100	10000	11.3	20.0
1,2-Dichlorobenzene	Ave	1.465	1.526		10400	10000	4.2	20.0
2-Methylphenol	Ave	1.200	1.392	0.7000	11600	10000	16.0	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.147	3.062	0.0100	14300	10000	42.6*	20.0
N-Methylaniline	Ave	2.226	2.371		10600	10000	6.5	20.0
Acetophenone	Ave	1.988	2.203	0.0100	11100	10000	10.8	20.0
N-Nitrosodi-n-propylamine	Ave	1.049	1.307	0.5000	12500	10000	24.6*	20.0
3 & 4 Methylphenol	Ave	1.387	1.556		11200	10000	12.1	20.0
4-Methylphenol	Ave	1.386	1.556	0.6000	11200	10000	12.3	20.0
Hexachloroethane	Ave	0.5898	0.6470	0.3000	11000	10000	9.7	20.0
n,n'-Dimethylaniline	Ave	2.226	2.453		11000	10000	10.2	20.0
Nitrobenzene	Ave	0.6740	0.7421	0.2000	11000	10000	10.1	20.0
Isophorone	Ave	0.6992	0.7848	0.4000	11200	10000	12.2	20.0
2-Nitrophenol	Ave	0.1853	0.1822	0.1000	9830	10000	-1.7	20.0
2,4-Dimethylphenol	Ave	0.3092	0.3153	0.2000	10200	10000	2.0	20.0
Bis(2-chloroethoxy)methane	Ave	0.4133	0.4649	0.3000	11200	10000	12.5	20.0
Benzoic acid	Lin2		0.0611		4030	10000	-59.7*	20.0
2,4-Dichlorophenol	Ave	0.2970	0.2712	0.2000	9130	10000	-8.7	20.0
1,2,4-Trichlorobenzene	Ave	0.3148	0.2972		9440	10000	-5.6	20.0
Naphthalene	Ave	1.055	1.095	0.7000	10400	10000	3.8	20.0
4-Chloroaniline	Ave	0.4098	0.4171	0.0100	10200	10000	1.8	20.0
Hexachlorobutadiene	Ave	0.2020	0.1611	0.0100	7970	10000	-20.3*	20.0
Caprolactam	Ave	0.0795	0.0897	0.0100	4510	4000	12.8	20.0
4-Chloro-3-methylphenol	Ave	0.2985	0.2974	0.2000	9960	10000	-0.4	20.0
2-Methylnaphthalene	Ave	0.7068	0.7010	0.4000	9920	10000	-0.8	20.0
1-Methylnaphthalene	Ave	0.6374	0.6461		10100	10000	1.4	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5898	0.5247	0.0100	8900	10000	-11.0	20.0
Hexachlorocyclopentadiene	Ave	0.4574	0.4016	0.0500	8780	10000	-12.2	20.0
2-tertbutyl-4-methylphenol	Ave	0.4470	0.4223		9450	10000	-5.5	20.0
2,4,6-Trichlorophenol	Ave	0.3794	0.3546	0.2000	9350	10000	-6.5	20.0
2,4,5-Trichlorophenol	Ave	0.4094	0.3630	0.2000	8870	10000	-11.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: CCVIS 460-842273/2 Calibration Date: 05/01/2022 11:13

Instrument ID: CBNAMS16 Calib Start Date: 03/08/2022 09:18

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/08/2022 12:06

Lab File ID: A187689.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1'-Biphenyl	Ave	1.546	1.638	0.0100	10600	10000	6.0	20.0
2-Chloronaphthalene	Ave	1.142	1.197	0.8000	10500	10000	4.8	20.0
Phenyl ether	Ave	0.8344	0.8445		10100	10000	1.2	20.0
2-Nitroaniline	Ave	0.4688	0.5559	0.0100	11900	10000	18.6	20.0
1,3-Dimethylnaphthalene	Ave	0.9487	1.032		10900	10000	8.8	20.0
Dimethyl phthalate	Ave	1.263	1.328	0.0100	10500	10000	5.2	20.0
Coumarin	Ave	0.2150	0.2247		10400	10000	4.5	20.0
2,6-Dinitrotoluene	Ave	0.2798	0.2864	0.2000	10200	10000	2.4	20.0
Acenaphthylene	Ave	1.794	1.907	0.9000	10600	10000	6.3	20.0
3-Nitroaniline	Ave	0.2804	0.3314	0.0100	11800	10000	18.2	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.150	1.080		9390	10000	-6.1	20.0
Acenaphthene	Ave	1.281	1.223	0.9000	9540	10000	-4.6	20.0
2,4-Dinitrophenol	Ave	0.1676	0.1299	0.0100	15500	20000	-22.5*	20.0
4-Nitrophenol	Ave	0.2442	0.2473	0.0100	20300	20000	1.3	20.0
2,4-Dinitrotoluene	Ave	0.3694	0.3762	0.2000	10200	10000	1.8	20.0
Dibenzofuran	Ave	1.612	1.697	0.8000	10500	10000	5.3	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3102	0.2602	0.0100	8390	10000	-16.1	20.0
Diethyl phthalate	Ave	1.228	1.310	0.0100	10700	10000	6.7	20.0
Fluorene	Ave	1.280	1.333	0.9000	10400	10000	4.1	20.0
4-Chlorophenyl phenyl ether	Ave	0.6274	0.6106	0.4000	9730	10000	-2.7	20.0
4-Nitroaniline	Ave	0.2746	0.3250	0.0100	11800	10000	18.3	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1307	0.1179	0.0100	18100	20000	-9.7	20.0
N-Nitrosodiphenylamine	Ave	0.5484	0.5689	0.0100	10400	10000	3.7	20.0
1,2-Diphenylhydrazine	Ave	0.8305	1.089		13100	10000	31.1*	20.0
4-Bromophenyl phenyl ether	Ave	0.2038	0.1960	0.1000	9610	10000	-3.9	20.0
Hexachlorobenzene	Ave	0.2308	0.2083	0.1000	9020	10000	-9.8	20.0
Atrazine	Ave	0.1976	0.2013	0.0100	4080	4000	1.9	20.0
Pentachlorophenol	Ave	0.1356	0.1056	0.0500	15600	20000	-22.1*	20.0
Pentachloronitrobenzene	Ave	0.1063	0.0911	0.0100	8570	10000	-14.3	20.0
n-Octadecane	Ave	0.5886	0.8633		14700	10000	46.7*	20.0
Phenanthrene	Ave	1.100	1.133	0.7000	10300	10000	3.0	20.0
Anthracene	Ave	1.110	1.153	0.7000	10400	10000	4.0	20.0
Carbazole	Ave	0.9401	0.9800	0.0100	10400	10000	4.2	20.0
Di-n-butyl phthalate	Ave	1.085	1.242	0.0100	11400	10000	14.5	20.0
Fluoranthene	Ave	1.076	1.047	0.6000	9730	10000	-2.7	20.0
Benzidine	Ave	0.5641	0.5317		9430	10000	-5.7	20.0
Pyrene	Ave	1.523	1.705	0.6000	11200	10000	12.0	20.0
Bisphenol-A	Ave	0.6099	0.6089		9980	10000	-0.2	20.0
Butyl benzyl phthalate	Ave	0.5745	0.7070	0.0100	12300	10000	23.1*	20.0
2,3,7,8-TCDD	Ave	0.1604	0.1706		106	100	6.4	20.0
Carbamazepine	Lin2		0.5536		10800	10000	8.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: CCVIS 460-842273/2 Calibration Date: 05/01/2022 11:13

Instrument ID: CBNAMS16 Calib Start Date: 03/08/2022 09:18

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/08/2022 12:06

Lab File ID: A187689.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	Ave	0.4245	0.4977	0.0100	11700	10000	17.2	20.0
Benzo[a]anthracene	Ave	1.291	1.272	0.8000	9850	10000	-1.5	20.0
Chrysene	Ave	1.229	1.271	0.7000	10300	10000	3.4	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7690	0.9852	0.0100	12800	10000	28.1*	20.0
Di-n-octyl phthalate	Ave	1.482	1.573	0.0100	10600	10000	6.1	20.0
Benzo[b]fluoranthene	Ave	1.233	1.232		9990	10000	-0.0	20.0
Benzo[k]fluoranthene	Ave	1.255	1.300	0.7000	10400	10000	3.6	20.0
Benzo[a]pyrene	Ave	1.125	1.174	0.7000	10400	10000	4.4	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.9873	1.306	0.5000	13200	10000	32.2*	20.0
Dibenz(a,h)anthracene	Ave	1.034	1.340	0.4000	13000	10000	29.6*	20.0
Benzo[g,h,i]perylene	Ave	1.074	1.408	0.5000	13100	10000	31.1*	20.0
2-Fluorophenol (Surr)	Ave	1.323	1.414		10700	10000	6.9	20.0
Phenol-d5 (Surr)	Ave	1.742	1.920		11000	10000	10.2	20.0
Nitrobenzene-d5 (Surr)	Ave	0.4541	0.4484		9880	10000	-1.2	20.0
2-Fluorobiphenyl	Ave	1.453	1.459		10000	10000	0.4	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.1679	0.1486		8850	10000	-11.5	20.0
Terphenyl-d14 (Surr)	Ave	1.159	1.224		10600	10000	5.7	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220501-144731.b\A187689.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 01-May-2022 11:13:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144731-002
Operator ID: Instrument ID: CBNAMS16
Sublist: chrom-8270LVI_16*sub20

Method: \\chromfs\Edison\ChromData\CBNAMS16\20220501-144731.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 02-May-2022 13:47:30 Calib Date: 08-Mar-2022 12:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186575.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: khlungprakhons Date: 02-May-2022 13:47:30

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.728	1.728	0.000	97	334543	10.0	12.0	
	2 N-Nitrosodimethylamine	74	1.934	1.934	0.000	83	554840	10.0	12.8	
	3 Pyridine	79	1.969	1.969	0.000	84	1582685	20.0	24.3	
$	4 2-Fluorophenol	112	3.051	3.051	0.000	89	738002	10.0	10.7	
	5 Benzaldehyde	77	3.863	3.863	0.000	92	154365	4.00	2.35	
$	6 Phenol-d5	99	3.946	3.946	0.000	0	1002419	10.0	11.0	
	7 Phenol	94	3.957	3.957	0.000	89	1099832	10.0	12.0	
	8 Aniline	93	3.969	3.969	0.000	95	1279427	10.0	11.3	
	9 Bis(2-chloroethyl)ether	93	4.022	4.022	0.000	95	805067	10.0	11.4	
	10 Benzonitrile	103	4.040	4.040	0.000	99	1597258	NC	NC	
	11 2-Chlorophenol	128	4.087	4.087	0.000	89	755600	10.0	10.5	
	12 n-Decane	43	4.134	4.134	0.000	95	1277211	10.0	13.0	
	13 1,3-Dichlorobenzene	146	4.234	4.234	0.000	92	820664	10.0	10.1	
*	14 1,4-Dichlorobenzene-d4	152	4.281	4.281	0.000	97	417612	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.298	4.298	0.000	90	823812	10.0	10.1	
	17 Benzyl alcohol	108	4.416	4.416	0.000	89	500115	10.0	11.1	
	18 1,2-Dichlorobenzene	146	4.445	4.445	0.000	93	796635	10.0	10.4	
	19 2-Methylphenol	108	4.534	4.534	0.000	87	726713	10.0	11.6	
	20 2,2'-oxybis[1-chloropropane]	45	4.545	4.545	0.000	91	1598500	10.0	14.3	
	21 N-Methylaniline	106	4.663	4.663	0.000	87	1237603	10.0	10.6	
	22 Acetophenone	105	4.669	4.669	0.000	86	1149938	10.0	11.1	
	23 N-Nitrosodi-n-propylamine	70	4.669	4.669	0.000	94	682099	10.0	12.5	
	24 3 & 4 Methylphenol	108	4.687	4.687	0.000	0	812178	10.0	11.2	
	25 4-Methylphenol	108	4.687	4.687	0.000	91	812178	10.0	11.2	
	26 Hexachloroethane	117	4.769	4.769	0.000	92	337742	10.0	11.0	
$	27 Nitrobenzene-d5	82	4.810	4.810	0.000	93	964826	10.0	9.88	
	28 Nitrobenzene	123	4.834	4.834	0.000	89	387367	10.0	11.0	
	29 n,n'-Dimethylaniline	120	4.834	4.834	0.000	93	1280516	10.0	11.0	
	30 Isophorone	82	5.057	5.057	0.000	98	1688519	10.0	11.2	
	31 2-Nitrophenol	139	5.140	5.140	0.000	80	392004	10.0	9.83	
	33 2,4-Dimethylphenol	122	5.192	5.192	0.000	88	678291	10.0	10.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.269	5.269	0.000	96	1000333	10.0	11.2	
35 Benzoic acid	122	5.287	5.287	0.000	92	131479	10.0	4.03	
36 2,4-Dichlorophenol	162	5.375	5.375	0.000	92	583491	10.0	9.13	
37 1,2,4-Trichlorobenzene	180	5.445	5.445	0.000	93	639537	10.0	9.44	
* 38 Naphthalene-d8	136	5.498	5.498	0.000	99	1721248	8.00	8.00	
39 Naphthalene	128	5.522	5.522	0.000	99	2356697	10.0	10.4	
40 4-Chloroaniline	127	5.575	5.575	0.000	95	897459	10.0	10.2	
41 2,6-Dichlorophenol	162	5.587	5.587	0.000	92	581983	10.0	9.30	
43 Hexachlorobutadiene	225	5.651	5.651	0.000	91	346516	10.0	7.97	
44 Caprolactam	113	5.892	5.892	0.000	87	77186	4.00	4.51	
45 4-Chloro-3-methylphenol	107	6.051	6.051	0.000	96	639777	10.0	9.96	
46 2-Methylnaphthalene	142	6.181	6.181	0.000	84	1508234	10.0	9.92	
47 1-Methylnaphthalene	142	6.269	6.269	0.000	93	1390042	10.0	10.1	
48 Hexachlorocyclopentadiene	237	6.339	6.339	0.000	95	434804	10.0	8.78	
49 1,2,4,5-Tetrachlorobenzene	216	6.339	6.339	0.000	94	568135	10.0	8.90	
50 2-tertbutyl-4-methylphenol	149	6.381	6.381	0.000	87	908650	10.0	9.45	
51 2,4,6-Trichlorophenol	196	6.457	6.457	0.000	84	383961	10.0	9.35	
52 2,4,5-Trichlorophenol	196	6.492	6.492	0.000	91	393053	10.0	8.87	
$ 53 2-Fluorobiphenyl	172	6.528	6.528	0.000	97	1579639	10.0	10.0	
54 1,1'-Biphenyl	154	6.622	6.622	0.000	97	1774085	10.0	10.6	
55 2-Chloronaphthalene	162	6.639	6.639	0.000	98	1296227	10.0	10.5	
56 Phenyl ether	170	6.722	6.722	0.000	91	914476	10.0	10.1	
57 2-Nitroaniline	65	6.739	6.739	0.000	93	601946	10.0	11.9	
58 1,3-Dimethylnaphthalene	156	6.845	6.845	0.000	90	1117814	10.0	10.9	
59 Dimethyl phthalate	163	6.916	6.916	0.000	97	1437656	10.0	10.5	
60 Coumarin	146	6.928	6.928	0.000	74	483350	10.0	10.4	
61 2,6-Dinitrotoluene	165	6.969	6.969	0.000	89	310126	10.0	10.2	
62 Acenaphthylene	152	7.028	7.028	0.000	97	2065103	10.0	10.6	
63 3-Nitroaniline	138	7.128	7.128	0.000	91	358891	10.0	11.8	
* 64 Acenaphthene-d10	164	7.163	7.163	0.000	95	866249	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.192	7.192	0.000	98	1169934	10.0	9.39	
66 Acenaphthene	154	7.192	7.192	0.000	96	1323768	10.0	9.54	
67 2,4-Dinitrophenol	184	7.222	7.222	0.000	83	281259	20.0	15.5	
68 4-Nitrophenol	65	7.310	7.310	0.000	95	535639	20.0	20.3	
69 2,4-Dinitrotoluene	165	7.345	7.345	0.000	89	407358	10.0	10.2	
70 Dibenzofuran	168	7.357	7.357	0.000	95	1837407	10.0	10.5	
71 2,3,4,6-Tetrachlorophenol	232	7.481	7.481	0.000	89	281720	10.0	8.39	
72 Diethyl phthalate	149	7.581	7.581	0.000	97	1418325	10.0	10.7	
73 Fluorene	166	7.675	7.675	0.000	94	1442916	10.0	10.4	
74 4-Chlorophenyl phenyl ether	204	7.681	7.681	0.000	86	661212	10.0	9.73	
75 4-Nitroaniline	138	7.704	7.704	0.000	96	351860	10.0	11.8	
76 4,6-Dinitro-2-methylphenol	198	7.728	7.728	0.000	76	412978	20.0	18.1	
78 N-Nitrosodiphenylamine	169	7.792	7.792	0.000	70	996071	10.0	10.4	
79 1,2-Diphenylhydrazine	77	7.828	7.828	0.000	51	1906029	10.0	13.1	
$ 80 2,4,6-Tribromophenol	330	7.904	7.904	0.000	85	160916	10.0	8.85	
81 4-Bromophenyl phenyl ether	248	8.133	8.133	0.000	75	343102	10.0	9.61	
82 Hexachlorobenzene	284	8.198	8.198	0.000	98	364673	10.0	9.02	
83 Atrazine	200	8.298	8.298	0.000	85	140969	4.00	4.08	
84 Pentachlorophenol	266	8.386	8.386	0.000	92	369912	20.0	15.6	
85 Pentachloronitrobenzene	237	8.398	8.398	0.000	83	159494	10.0	8.57	
87 n-Octadecane	57	8.469	8.469	0.000	95	1511500	10.0	14.7	
* 88 Phenanthrene-d10	188	8.551	8.551	0.000	99	1400637	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.575	8.575	0.000	98	1983103	10.0	10.3	
90 Anthracene	178	8.622	8.622	0.000	98	2019435	10.0	10.4	
91 Carbazole	167	8.780	8.780	0.000	96	1715724	10.0	10.4	
92 Di-n-butyl phthalate	149	9.116	9.116	0.000	99	2173892	10.0	11.4	
93 Fluoranthene	202	9.692	9.692	0.000	98	1832462	10.0	9.73	
94 Benzidine	184	9.822	9.822	0.000	99	930950	10.0	9.43	
95 Pyrene	202	9.904	9.904	0.000	96	1828579	10.0	11.2	
96 Bisphenol-A	213	9.963	9.963	0.000	96	652995	10.0	9.98	
$ 97 Terphenyl-d14	244	10.057	10.057	0.000	98	1312872	10.0	10.6	
98 Butyl benzyl phthalate	149	10.539	10.539	0.000	96	758148	10.0	12.3	
99 2,3,7,8-TCDD	320	10.639	10.639	0.000	68	1830	0.1000	0.1064	
100 Carbamazepine	193	10.645	10.645	0.000	92	593629	10.0	10.8	
101 3,3'-Dichlorobenzidine	252	11.104	11.104	0.000	99	533698	10.0	11.7	
102 Benzo[a]anthracene	228	11.122	11.122	0.000	100	1364345	10.0	9.85	
* 103 Chrysene-d12	240	11.133	11.133	0.000	99	857909	8.00	8.00	
104 Chrysene	228	11.157	11.157	0.000	98	1362477	10.0	10.3	
105 Bis(2-ethylhexyl) phthalate	149	11.180	11.180	0.000	90	1056469	10.0	12.8	
106 Di-n-octyl phthalate	149	11.969	11.969	0.000	96	1657993	10.0	10.6	
107 Benzo[b]fluoranthene	252	12.433	12.433	0.000	98	1298662	10.0	10.0	
108 Benzo[k]fluoranthene	252	12.468	12.468	0.000	99	1370357	10.0	10.4	
109 Benzo[a]pyrene	252	12.863	12.863	0.000	96	1238001	10.0	10.4	
* 110 Perylene-d12	264	12.939	12.939	0.000	98	843438	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.421	14.421	0.000	98	1376549	10.0	13.2	
112 Dibenz(a,h)anthracene	278	14.462	14.462	0.000	96	1412858	10.0	13.0	
113 Benzo[g,h,i]perylene	276	14.827	14.827	0.000	97	1484426	10.0	13.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_BNAL7_LVI_00006 Amount Added: 1.00 Units: mL

Report Date: 02-May-2022 13:47:32 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220501-144731.b\A187689.D

Injection Date: 01-May-2022 11:13:30 Instrument ID: CBNAMS16 Operator ID:

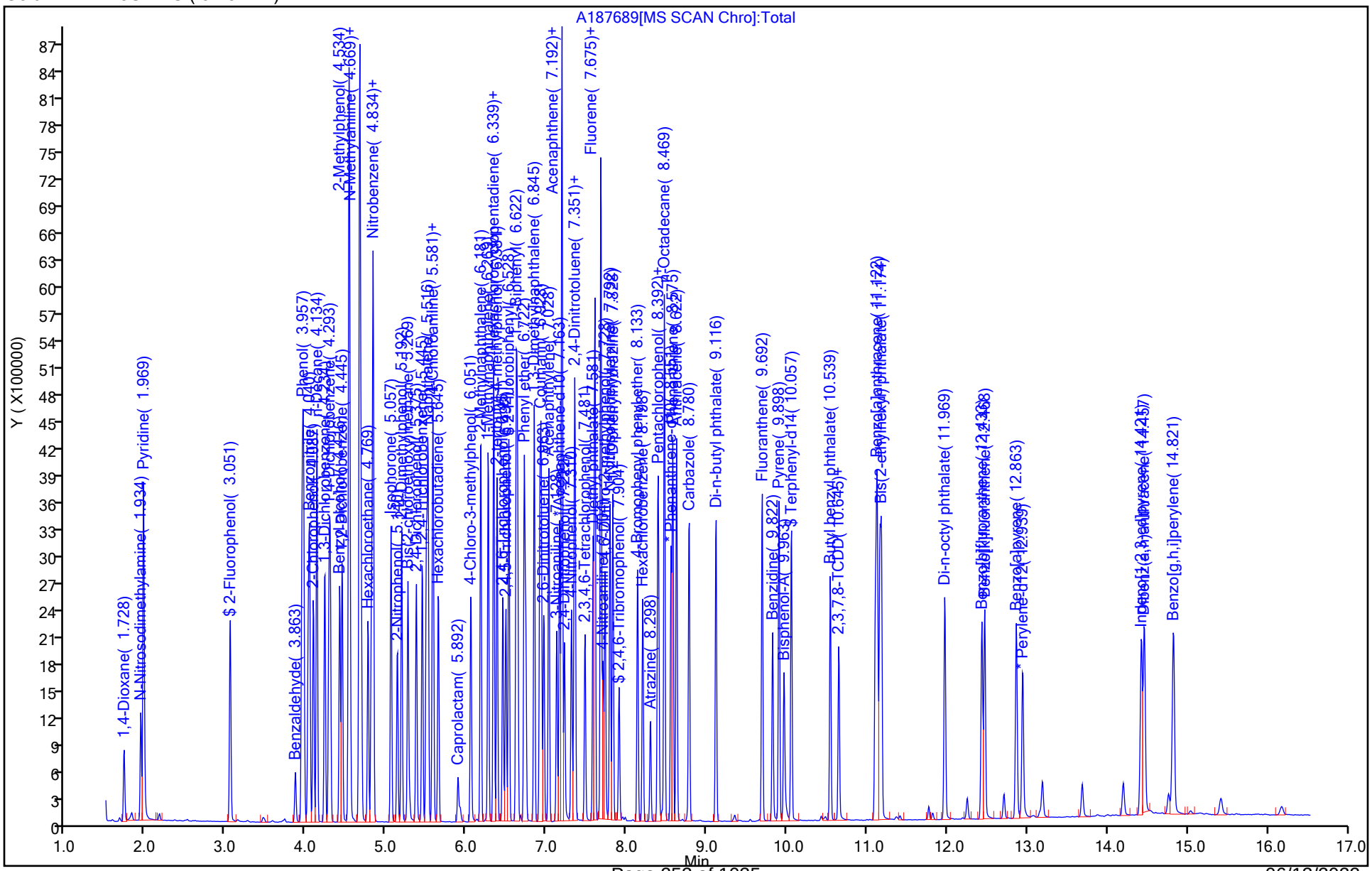
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270LVI_16 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICV 460-832677/11 | Calibration Date: 03/10/2022 13:53

Instrument ID: CBNAMS17 | Calib Start Date: 03/10/2022 10:44

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 03/10/2022 13:32

Lab File ID: M234664.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5413	0.5189		9590	10000	-4.1	30.0
N-Nitrosodimethylamine	Ave	0.7656	0.7216		9420	10000	-5.8	30.0
Pyridine	Ave	1.182	1.086		18400	20000	-8.1	30.0
Benzaldehyde	Ave	1.137	1.045	0.0100	3680	4000	-8.0	30.0
Phenol	Ave	1.640	1.508	0.8000	9190	10000	-8.1	30.0
Aniline	Ave	1.943	1.824		9390	10000	-6.1	30.0
Bis(2-chloroethyl)ether	Ave	1.194	1.118	0.7000	9370	10000	-6.3	30.0
2-Chlorophenol	Ave	1.350	1.267	0.8000	9390	10000	-6.1	30.0
n-Decane	Ave	1.959	1.833		9360	10000	-6.4	30.0
1,3-Dichlorobenzene	Ave	1.577	1.501		9520	10000	-4.8	30.0
1,4-Dichlorobenzene	Ave	1.595	1.504		9430	10000	-5.7	30.0
Benzyl alcohol	Ave	0.8366	0.7794		9320	10000	-6.8	30.0
1,2-Dichlorobenzene	Ave	1.516	1.391		9180	10000	-8.2	30.0
2-Methylphenol	Ave	1.177	1.114	0.7000	9460	10000	-5.4	30.0
2,2'-oxybis[1-chloropropane]	Ave	2.540	2.408	0.0100	9480	10000	-5.2	30.0
N-Methylaniline	Ave	2.044	1.894		9260	10000	-7.4	30.0
3 & 4 Methylphenol	Ave	1.318	1.225		9290	10000	-7.1	30.0
4-Methylphenol	Ave	1.317	1.224	0.6000	9300	10000	-7.0	30.0
Acetophenone	Ave	1.806	1.685	0.0100	9330	10000	-6.7	30.0
N-Nitrosodi-n-propylamine	Ave	0.8844	0.8283	0.5000	9370	10000	-6.3	30.0
Hexachloroethane	Ave	0.6023	0.5680	0.3000	9430	10000	-5.7	30.0
Nitrobenzene	Ave	0.5641	0.5444	0.2000	9650	10000	-3.5	30.0
n,n'-Dimethylaniline	Ave	2.017	1.915		9490	10000	-5.1	30.0
Isophorone	Ave	0.6492	0.6089	0.4000	9380	10000	-6.2	30.0
2-Nitrophenol	Ave	0.1468	0.1382	0.1000	9410	10000	-5.9	30.0
2,4-Dimethylphenol	Ave	0.3023	0.2868	0.2000	9490	10000	-5.1	30.0
Benzoic acid	Lin1		0.1155		8560	10000	-14.4	30.0
Bis(2-chloroethoxy)methane	Ave	0.3919	0.3722	0.3000	9500	10000	-5.0	30.0
2,4-Dichlorophenol	Ave	0.2913	0.2823	0.2000	9690	10000	-3.1	30.0
1,2,4-Trichlorobenzene	Ave	0.3205	0.3214		10000	10000	0.3	30.0
Naphthalene	Ave	1.027	0.9604	0.7000	9350	10000	-6.5	30.0
4-Chloroaniline	Ave	0.4251	0.4072	0.0100	9580	10000	-4.2	30.0
Hexachlorobutadiene	Ave	0.1851	0.1765	0.0100	9540	10000	-4.6	30.0
Caprolactam	Ave	0.0701	0.0761	0.0100	4340	4000	8.5	30.0
4-Chloro-3-methylphenol	Ave	0.2706	0.2593	0.2000	9580	10000	-4.2	30.0
2-Methylnaphthalene	Ave	0.6652	0.6234	0.4000	9370	10000	-6.3	30.0
1-Methylnaphthalene	Ave	0.6038	0.5678		9400	10000	-6.0	30.0
Hexachlorocyclopentadiene	Ave	0.4185	0.3968	0.0500	9480	10000	-5.2	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5890	0.5889	0.0100	10000	10000	-0.0	30.0
2-tertbutyl-4-methylphenol	Ave	0.3975	0.3866		9730	10000	-2.7	30.0
2,4,6-Trichlorophenol	Ave	0.3594	0.3853	0.2000	10700	10000	7.2	30.0
2,4,5-Trichlorophenol	Ave	0.3977	0.4105	0.2000	10300	10000	3.2	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICV 460-832677/11 Calibration Date: 03/10/2022 13:53

Instrument ID: CBNAMS17 Calib Start Date: 03/10/2022 10:44

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/10/2022 13:32

Lab File ID: M234664.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1'-Biphenyl	Ave	1.459	1.478	0.0100	10100	10000	1.3	30.0
2-Chloronaphthalene	Ave	1.180	1.204	0.8000	10200	10000	2.0	30.0
Phenyl ether	Ave	0.7990	0.8084		10100	10000	1.2	30.0
2-Nitroaniline	Ave	0.3867	0.3981	0.0100	10300	10000	2.9	30.0
1,3-Dimethylnaphthalene	Ave	0.8893	0.9454		10600	10000	6.3	30.0
Dimethyl phthalate	Ave	1.291	1.328	0.0100	10300	10000	2.8	30.0
Coumarin	Ave	0.2357	0.2300		9760	10000	-2.4	30.0
2,6-Dinitrotoluene	Ave	0.2379	0.2672	0.2000	11200	10000	12.3	30.0
Acenaphthylene	Ave	1.870	1.808	0.9000	9670	10000	-3.3	30.0
3-Nitroaniline	Ave	0.2788	0.2934	0.0100	10500	10000	5.2	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9248	0.9446		10200	10000	2.1	30.0
Acenaphthene	Ave	1.049	1.075	0.9000	10300	10000	2.5	30.0
2,4-Dinitrophenol	Lin1		0.1025	0.0100	17800	20000	-10.8	30.0
4-Nitrophenol	Ave	0.2032	0.2164	0.0100	21300	20000	6.5	30.0
2,4-Dinitrotoluene	Lin1		0.3404	0.2000	10200	10000	1.5	30.0
Dibenzofuran	Ave	1.586	1.602	0.8000	10100	10000	1.0	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.2815	0.2927	0.0100	10400	10000	4.0	30.0
Diethyl phthalate	Ave	1.303	1.320	0.0100	10100	10000	1.3	30.0
4-Chlorophenyl phenyl ether	Ave	0.5784	0.5872	0.4000	10200	10000	1.5	30.0
Fluorene	Ave	1.224	1.236	0.9000	10100	10000	0.9	30.0
4-Nitroaniline	Ave	0.2738	0.2974	0.0100	10900	10000	8.6	30.0
4,6-Dinitro-2-methylphenol	Lin2		0.0890	0.0100	19700	20000	-1.3	30.0
N-Nitrosodiphenylamine	Ave	0.5220	0.5249	0.0100	10100	10000	0.6	30.0
1,2-Diphenylhydrazine	Ave	0.7621	0.7666		10100	10000	0.6	30.0
4-Bromophenyl phenyl ether	Ave	0.1887	0.1799	0.1000	9530	10000	-4.7	30.0
Hexachlorobenzene	Ave	0.2390	0.2421	0.1000	10100	10000	1.3	30.0
Atrazine	Ave	0.1839	0.1998	0.0100	4350	4000	8.6	30.0
Pentachlorophenol	Ave	0.1264	0.1336	0.0500	21100	20000	5.7	30.0
Pentachloronitrobenzene	Ave	0.0949	0.1047	0.0100	11000	10000	10.4	30.0
n-Octadecane	Ave	0.6649	0.6704		10100	10000	0.8	30.0
Phenanthrene	Ave	1.055	1.065	0.7000	10100	10000	0.9	30.0
Anthracene	Ave	1.071	1.095	0.7000	10200	10000	2.2	30.0
Carbazole	Ave	0.9646	0.9754	0.0100	10100	10000	1.1	30.0
Di-n-butyl phthalate	Ave	1.265	1.278	0.0100	10100	10000	1.0	30.0
Fluoranthene	Ave	1.039	1.076	0.6000	10400	10000	3.5	30.0
Benzidine	Ave	0.5575	0.5896		10600	10000	5.7	30.0
Pyrene	Ave	1.379	1.413	0.6000	10200	10000	2.4	30.0
Bisphenol-A	Lin2		0.4164		9360	10000	-6.4	30.0
Butyl benzyl phthalate	Ave	0.5997	0.6289	0.0100	10500	10000	4.9	30.0
Carbamazepine	Ave	0.4436	0.4673		10500	10000	5.3	30.0
3,3'-Dichlorobenzidine	Ave	0.4229	0.4833	0.0100	11400	10000	14.3	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICV 460-832677/11 Calibration Date: 03/10/2022 13:53

Instrument ID: CBNAMS17 Calib Start Date: 03/10/2022 10:44

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/10/2022 13:32

Lab File ID: M234664.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[a]anthracene	Ave	1.212	1.183	0.8000	9760	10000	-2.4	30.0
Chrysene	Ave	1.151	1.157	0.7000	10000	10000	0.5	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.8943	0.9704	0.0100	10900	10000	8.5	30.0
Di-n-octyl phthalate	Ave	1.545	1.676	0.0100	10800	10000	8.5	30.0
Benzo[b]fluoranthene	Ave	1.138	1.167		10300	10000	2.6	30.0
Benzo[k]fluoranthene	Ave	1.162	1.203	0.7000	10400	10000	3.6	30.0
Benzo[a]pyrene	Ave	1.105	1.178	0.7000	10700	10000	6.6	30.0
Indeno[1,2,3-cd]pyrene	Ave	0.9779	1.071	0.5000	11000	10000	9.6	30.0
Dibenz(a,h)anthracene	Ave	1.010	1.020	0.4000	10100	10000	1.0	30.0
Benzo[g,h,i]perylene	Ave	1.097	1.126	0.5000	10300	10000	2.6	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234664.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 10-Mar-2022 13:53:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142495-011
Operator ID: Instrument ID: CBNAMS17
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2022 14:18:36 Calib Date: 10-Mar-2022 13:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234663.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: johnstonm1 Date: 10-Mar-2022 14:19:57

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1	1,4-Dioxane	88	1.753	1.756	-0.003	93	79517	10.0	9.59	
2	N-Nitrosodimethylamine	74	1.951	1.951	0.000	75	110580	10.0	9.42	
3	Pyridine	79	1.986	1.990	-0.004	74	332889	20.0	18.4	
5	Benzaldehyde	77	3.863	3.863	0.000	87	64068	4.00	3.68	E
7	Phenol	94	3.940	3.937	0.003	98	231098	10.0	9.19	
8	Aniline	93	3.969	3.969	0.000	62	279505	10.0	9.39	
9	Bis(2-chloroethyl)ether	93	4.026	4.026	0.000	86	171392	10.0	9.37	
10	Benzonitrile	103	4.042	4.042	0.000	0	380094	NC	NC	
11	2-Chlorophenol	128	4.087	4.087	0.000	93	194180	10.0	9.39	
12	n-Decane	43	4.144	4.144	0.000	93	280945	10.0	9.36	
13	1,3-Dichlorobenzene	146	4.240	4.240	0.000	96	230048	10.0	9.52	
* 14	1,4-Dichlorobenzene-d4	152	4.291	4.291	0.000	96	122597	8.00	8.00	
15	1,4-Dichlorobenzene	146	4.307	4.307	0.000	86	230506	10.0	9.43	
16	Benzyl alcohol	108	4.419	4.416	0.003	91	119445	10.0	9.32	
17	1,2-Dichlorobenzene	146	4.457	4.457	0.000	95	213196	10.0	9.18	
18	2-Methylphenol	108	4.527	4.527	0.000	86	170771	10.0	9.46	
19	2,2'-oxybis[1-chloropropane]	45	4.553	4.553	0.000	92	369066	10.0	9.48	
20	N-Methylaniline	106	4.668	4.668	0.000	82	290234	10.0	9.26	
21	Acetophenone	105	4.678	4.674	0.004	80	258215	10.0	9.33	
24	4-Methylphenol	108	4.678	4.678	0.000	69	187563	10.0	9.30	
23	3 & 4 Methylphenol	108	4.678	4.678	0.000	80	187760	10.0	9.29	
22	N-Nitrosodi-n-propylamine	70	4.678	4.678	0.000	75	126930	10.0	9.37	
25	Hexachloroethane	117	4.786	4.786	0.000	93	87038	10.0	9.43	
28	Nitrobenzene	123	4.841	4.837	0.003	86	83421	10.0	9.65	
29	n,n'-Dimethylaniline	120	4.847	4.847	0.000	92	293418	10.0	9.49	
30	Isophorone	82	5.070	5.070	0.000	98	338015	10.0	9.38	
32	2-Nitrophenol	139	5.150	5.150	0.000	87	76701	10.0	9.41	
33	2,4-Dimethylphenol	122	5.195	5.195	0.000	89	159225	10.0	9.49	
35	Benzoic acid	122	5.284	5.253	0.032	35	64110	10.0	8.56	
34	Bis(2-chloroethoxy)methane	93	5.284	5.284	0.000	92	206608	10.0	9.50	
36	2,4-Dichlorophenol	162	5.383	5.380	0.003	94	156681	10.0	9.69	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
37 1,2,4-Trichlorobenzene	180	5.466	5.466	0.000	94	178407	10.0	10.0	
* 38 Naphthalene-d8	136	5.518	5.517	0.001	99	444070	8.00	8.00	
39 Naphthalene	128	5.540	5.540	0.000	98	533097	10.0	9.35	
40 4-Chloroaniline	127	5.591	5.588	0.003	94	226044	10.0	9.58	
130 2,6-Dichlorophenol	162	5.601	5.601	0.001	95	150625	10.0	9.38	
41 Hexachlorobutadiene	225	5.671	5.671	0.000	93	97992	10.0	9.54	
42 Caprolactam	113	5.904	5.891	0.013	84	16886	4.00	4.34	
43 4-Chloro-3-methylphenol	107	6.061	6.060	0.001	93	143926	10.0	9.58	
44 2-Methylnaphthalene	142	6.204	6.204	0.000	81	346020	10.0	9.37	
45 1-Methylnaphthalene	142	6.300	6.300	0.000	89	315167	10.0	9.40	
46 Hexachlorocyclopentadiene	237	6.367	6.367	0.000	78	107719	10.0	9.48	
47 1,2,4,5-Tetrachlorobenzene	216	6.370	6.370	0.000	94	159855	10.0	10.0	
48 2-tertbutyl-4-methylphenol	149	6.402	6.402	0.000	80	214578	10.0	9.73	
49 2,4,6-Trichlorophenol	196	6.476	6.476	0.001	88	104581	10.0	10.7	
50 2,4,5-Trichlorophenol	196	6.508	6.508	0.001	94	111425	10.0	10.3	
52 1,1'-Biphenyl	154	6.652	6.652	0.001	96	401141	10.0	10.1	
53 2-Chloronaphthalene	162	6.668	6.668	0.001	97	326783	10.0	10.2	
54 Phenyl ether	170	6.754	6.754	0.001	86	219435	10.0	10.1	
55 2-Nitroaniline	65	6.764	6.764	0.001	92	108053	10.0	10.3	
57 1,3-Dimethylnaphthalene	156	6.878	6.879	0.000	88	256616	10.0	10.6	
59 Dimethyl phthalate	163	6.946	6.942	0.004	98	360456	10.0	10.3	
60 Coumarin	146	6.958	6.955	0.003	75	127656	10.0	9.76	
61 2,6-Dinitrotoluene	165	6.997	6.994	0.004	64	72537	10.0	11.2	
62 Acenaphthylene	152	7.064	7.061	0.004	96	490799	10.0	9.67	
63 3-Nitroaniline	138	7.153	7.150	0.003	91	79638	10.0	10.5	
* 64 Acenaphthene-d10	164	7.198	7.197	0.001	95	217158	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.230	7.230	0.001	78	256407	10.0	10.2	
66 Acenaphthene	154	7.230	7.230	0.001	94	291796	10.0	10.3	
67 2,4-Dinitrophenol	184	7.253	7.253	0.003	90	55669	20.0	17.8	a
68 4-Nitrophenol	65	7.320	7.313	0.007	90	117486	20.0	21.3	
69 2,4-Dinitrotoluene	165	7.377	7.374	0.004	91	92395	10.0	10.2	
70 Dibenzofuran	168	7.393	7.393	0.001	91	434813	10.0	10.1	
72 2,3,4,6-Tetrachlorophenol	232	7.511	7.511	0.000	90	79454	10.0	10.4	
73 Diethyl phthalate	149	7.620	7.617	0.004	96	358398	10.0	10.1	
75 Fluorene	166	7.719	7.719	0.001	80	335445	10.0	10.1	
74 4-Chlorophenyl phenyl ether	204	7.719	7.719	0.001	72	159396	10.0	10.2	
76 4-Nitroaniline	138	7.735	7.728	0.007	92	80736	10.0	10.9	
77 4,6-Dinitro-2-methylphenol	198	7.764	7.764	0.001	18	79233	20.0	19.7	
78 N-Nitrosodiphenylamine	169	7.831	7.831	0.001	52	233632	10.0	10.1	
79 1,2-Diphenylhydrazine	77	7.869	7.870	0.000	97	341182	10.0	10.1	
81 4-Bromophenyl phenyl ether	248	8.182	8.182	0.000	84	80050	10.0	9.53	
82 Hexachlorobenzene	284	8.246	8.246	0.001	99	107772	10.0	10.1	
83 Atrazine	200	8.339	8.339	0.001	84	35571	4.00	4.35	
84 Pentachlorophenol	266	8.432	8.429	0.005	86	118936	20.0	21.1	
85 Pentachloronitrobenzene	237	8.448	8.448	0.001	87	46613	10.0	11.0	
86 n-Octadecane	57	8.524	8.524	0.001	89	298351	10.0	10.1	
* 87 Phenanthrene-d10	188	8.604	8.603	0.001	99	356053	8.00	8.00	
88 Phenanthrene	178	8.627	8.627	0.001	98	474026	10.0	10.1	
89 Anthracene	178	8.675	8.671	0.005	97	487317	10.0	10.2	
90 Carbazole	167	8.825	8.825	0.001	83	434117	10.0	10.1	
91 Di-n-butyl phthalate	149	9.170	9.170	0.002	99	568615	10.0	10.1	
92 Fluoranthene	202	9.751	9.751	0.002	97	478877	10.0	10.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Benzidine	184	9.878	9.878	0.001	99	262389	10.0	10.6	
94 Pyrene	202	9.965	9.965	0.002	96	481226	10.0	10.2	
95 Bisphenol-A	213	10.016	10.016	0.001	97	141857	10.0	9.36	
97 Butyl benzyl phthalate	149	10.623	10.623	0.002	95	214238	10.0	10.5	
99 Carbamazepine	193	10.731	10.728	0.004	91	159191	10.0	10.5	
100 3,3'-Dichlorobenzidine	252	11.217	11.217	0.002	99	164646	10.0	11.4	
101 Benzo[a]anthracene	228	11.239	11.239	0.001	99	403067	10.0	9.76	
* 102 Chrysene-d12	240	11.252	11.250	0.002	96	272524	8.00	8.00	
104 Chrysene	228	11.281	11.281	0.002	95	394111	10.0	10.0	
103 Bis(2-ethylhexyl) phthalate	149	11.306	11.310	-0.002	84	330580	10.0	10.9	
105 Di-n-octyl phthalate	149	12.169	12.166	0.001	94	544539	10.0	10.8	
106 Benzo[b]fluoranthene	252	12.660	12.654	0.004	94	379297	10.0	10.3	
107 Benzo[k]fluoranthene	252	12.696	12.689	0.005	94	391071	10.0	10.4	
108 Benzo[a]pyrene	252	13.117	13.111	0.005	94	382854	10.0	10.7	
* 109 Perylene-d12	264	13.197	13.199	-0.002	96	259957	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.772	14.765	0.005	93	348173	10.0	11.0	
111 Dibenz(a,h)anthracene	278	14.813	14.804	0.008	43	331490	10.0	10.1	
112 Benzo[g,h,i]perylene	276	15.210	15.196	0.012	87	365806	10.0	10.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

a - User Assigned ID

Reagents:

SV_ICV_ LVI_00006 Amount Added: 1.00 Units: mL

Report Date: 10-Mar-2022 14:19:59 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234664.D

Injection Date: 10-Mar-2022 13:53:30 Instrument ID: CBNAMS17

Lims ID: ICV

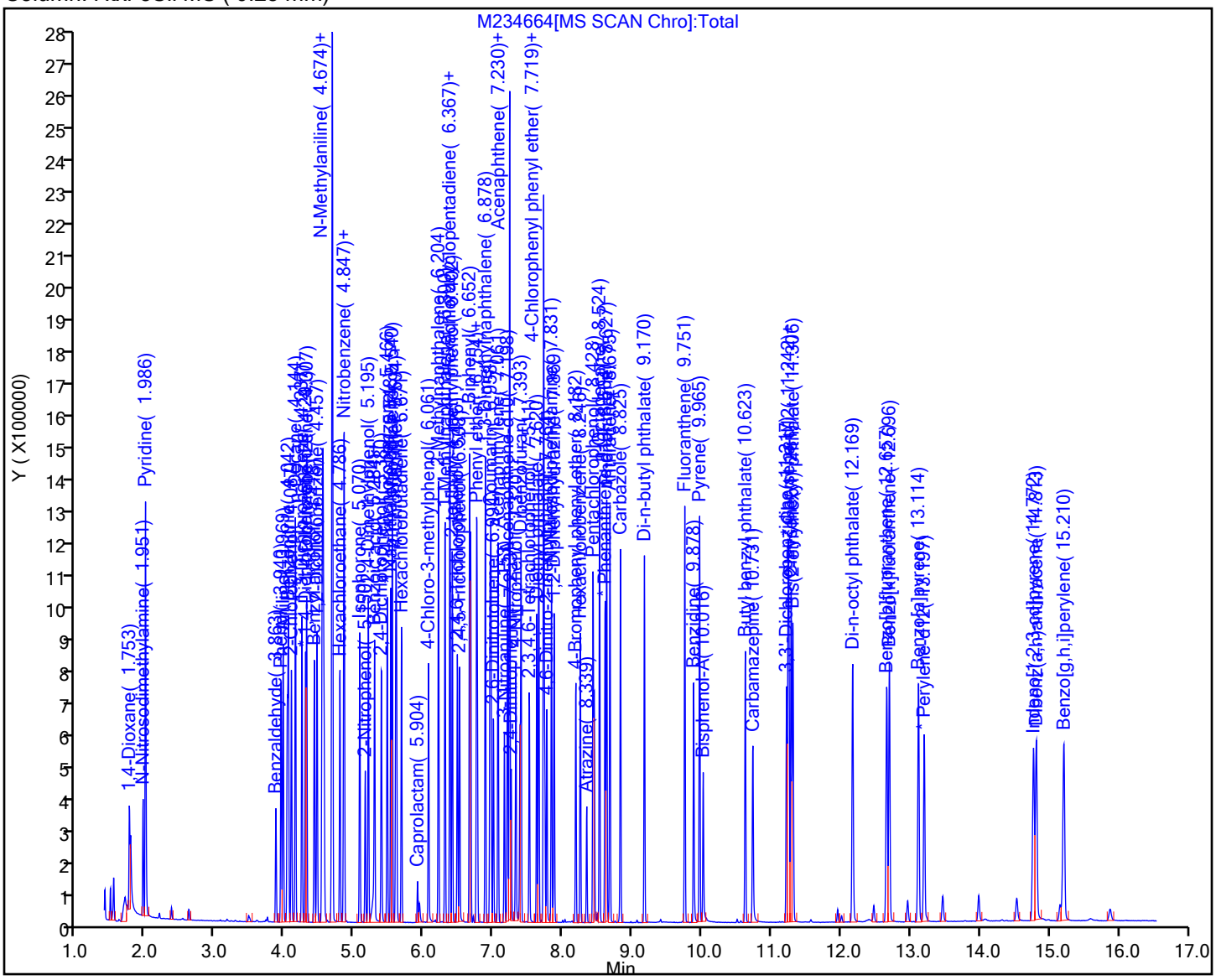
Client ID:

Operator ID: ALS Bottle#: 11 Worklist Smp#: 11

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Lab Sample ID: CCVIS 460-842277/2 | Calibration Date: 05/01/2022 11:05

Instrument ID: CBNAMS17 | Calib Start Date: 03/10/2022 10:44

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 03/10/2022 13:32

Lab File ID: M235860.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5413	0.4074		7530	10000	-24.7*	20.0
N-Nitrosodimethylamine	Ave	0.7656	0.6354		8300	10000	-17.0	20.0
Pyridine	Ave	1.182	0.9656		16300	20000	-18.3	20.0
Benzaldehyde	Ave	1.137	0.5456	0.0100	1920	4000	-52.0*	20.0
Aniline	Ave	1.943	1.738		8950	10000	-10.5	20.0
Phenol	Ave	1.640	1.600	0.8000	9760	10000	-2.4	20.0
Bis(2-chloroethyl)ether	Ave	1.194	1.121	0.7000	9390	10000	-6.1	20.0
2-Chlorophenol	Ave	1.350	1.298	0.8000	9620	10000	-3.8	20.0
n-Decane	Ave	1.959	1.682		8590	10000	-14.1	20.0
1,3-Dichlorobenzene	Ave	1.577	1.538		9750	10000	-2.5	20.0
1,4-Dichlorobenzene	Ave	1.595	1.557		9760	10000	-2.4	20.0
Benzyl alcohol	Ave	0.8366	0.7750		9260	10000	-7.4	20.0
1,2-Dichlorobenzene	Ave	1.516	1.469		9690	10000	-3.1	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.540	2.176	0.0100	8570	10000	-14.3	20.0
2-Methylphenol	Ave	1.177	1.072	0.7000	9110	10000	-8.9	20.0
N-Methylaniline	Ave	2.044	1.802		8820	10000	-11.8	20.0
Acetophenone	Ave	1.806	1.679	0.0100	9290	10000	-7.1	20.0
N-Nitrosodi-n-propylamine	Ave	0.8844	0.8029	0.5000	9080	10000	-9.2	20.0
3 & 4 Methylphenol	Ave	1.318	1.129		8560	10000	-14.4	20.0
4-Methylphenol	Ave	1.317	1.119	0.6000	8500	10000	-15.0	20.0
Hexachloroethane	Ave	0.6023	0.6225	0.3000	10300	10000	3.4	20.0
Nitrobenzene	Ave	0.5641	0.5997	0.2000	10600	10000	6.3	20.0
n,n'-Dimethylaniline	Ave	2.017	1.905		9450	10000	-5.5	20.0
Isophorone	Ave	0.6492	0.6173	0.4000	9510	10000	-4.9	20.0
2-Nitrophenol	Ave	0.1468	0.1907	0.1000	13000	10000	29.9*	20.0
2,4-Dimethylphenol	Ave	0.3023	0.2910	0.2000	9630	10000	-3.7	20.0
Bis(2-chloroethoxy)methane	Ave	0.3919	0.3806	0.3000	9710	10000	-2.9	20.0
Benzoic acid	Lin1		0.1203		8880	10000	-11.2	20.0
2,4-Dichlorophenol	Ave	0.2913	0.2997	0.2000	10300	10000	2.9	20.0
1,2,4-Trichlorobenzene	Ave	0.3205	0.3473		10800	10000	8.4	20.0
Naphthalene	Ave	1.027	0.9908	0.7000	9650	10000	-3.5	20.0
4-Chloroaniline	Ave	0.4251	0.4065	0.0100	9560	10000	-4.4	20.0
Hexachlorobutadiene	Ave	0.1851	0.2090	0.0100	11300	10000	12.9	20.0
Caprolactam	Ave	0.0701	0.0727	0.0100	4150	4000	3.8	20.0
4-Chloro-3-methylphenol	Ave	0.2706	0.2691	0.2000	9940	10000	-0.6	20.0
2-Methylnaphthalene	Ave	0.6652	0.6465	0.4000	9720	10000	-2.8	20.0
1-Methylnaphthalene	Ave	0.6038	0.5905		9780	10000	-2.2	20.0
Hexachlorocyclopentadiene	Ave	0.4185	0.5049	0.0500	12100	10000	20.6*	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5890	0.6562	0.0100	11100	10000	11.4	20.0
2-tertbutyl-4-methylphenol	Ave	0.3975	0.4113		10300	10000	3.5	20.0
2,4,6-Trichlorophenol	Ave	0.3594	0.4227	0.2000	11800	10000	17.6	20.0
2,4,5-Trichlorophenol	Ave	0.3977	0.4311	0.2000	10800	10000	8.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: CCVIS 460-842277/2 Calibration Date: 05/01/2022 11:05

Instrument ID: CBNAMS17 Calib Start Date: 03/10/2022 10:44

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/10/2022 13:32

Lab File ID: M235860.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1'-Biphenyl	Ave	1.459	1.525	0.0100	10500	10000	4.5	20.0
2-Chloronaphthalene	Ave	1.180	1.259	0.8000	10700	10000	6.7	20.0
Phenyl ether	Ave	0.7990	0.8316		10400	10000	4.1	20.0
2-Nitroaniline	Ave	0.3867	0.3579	0.0100	9260	10000	-7.4	20.0
1,3-Dimethylnaphthalene	Ave	0.8893	0.9540		10700	10000	7.3	20.0
Dimethyl phthalate	Ave	1.291	1.368	0.0100	10600	10000	5.9	20.0
Coumarin	Ave	0.2357	0.2146		9110	10000	-8.9	20.0
2,6-Dinitrotoluene	Ave	0.2379	0.2950	0.2000	12400	10000	24.0*	20.0
Acenaphthylene	Ave	1.870	1.851	0.9000	9900	10000	-1.0	20.0
3-Nitroaniline	Ave	0.2788	0.3149	0.0100	11300	10000	13.0	20.0
Acenaphthene	Ave	1.049	1.071	0.9000	10200	10000	2.2	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9248	1.036		11200	10000	12.0	20.0
2,4-Dinitrophenol	Lin1		0.1294	0.0100	22100	20000	10.6	20.0
4-Nitrophenol	Ave	0.2032	0.2059	0.0100	20300	20000	1.3	20.0
2,4-Dinitrotoluene	Lin1		0.3852	0.2000	11500	10000	14.8	20.0
Dibenzofuran	Ave	1.586	1.655	0.8000	10400	10000	4.4	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2815	0.3114	0.0100	11100	10000	10.6	20.0
Diethyl phthalate	Ave	1.303	1.364	0.0100	10500	10000	4.7	20.0
Fluorene	Ave	1.224	1.251	0.9000	10200	10000	2.2	20.0
4-Chlorophenyl phenyl ether	Ave	0.5784	0.6225	0.4000	10800	10000	7.6	20.0
4-Nitroaniline	Ave	0.2738	0.2666	0.0100	9740	10000	-2.6	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1131	0.0100	24800	20000	24.0*	20.0
N-Nitrosodiphenylamine	Ave	0.5220	0.5571	0.0100	10700	10000	6.7	20.0
1,2-Diphenylhydrazine	Ave	0.7621	0.7854		10300	10000	3.1	20.0
4-Bromophenyl phenyl ether	Ave	0.1887	0.2295	0.1000	12200	10000	21.6*	20.0
Hexachlorobenzene	Ave	0.2390	0.2687	0.1000	11200	10000	12.4	20.0
Atrazine	Ave	0.1839	0.2104	0.0100	4580	4000	14.4	20.0
Pentachlorophenol	Ave	0.1264	0.1140	0.0500	18000	20000	-9.8	20.0
Pentachloronitrobenzene	Ave	0.0949	0.1157	0.0100	12200	10000	21.9*	20.0
n-Octadecane	Ave	0.6649	0.6698		10100	10000	0.7	20.0
Phenanthrene	Ave	1.055	1.083	0.7000	10300	10000	2.6	20.0
Anthracene	Ave	1.071	1.118	0.7000	10400	10000	4.4	20.0
Carbazole	Ave	0.9646	0.9221	0.0100	9560	10000	-4.4	20.0
Di-n-butyl phthalate	Ave	1.265	1.273	0.0100	10100	10000	0.6	20.0
Fluoranthene	Ave	1.039	1.014	0.6000	9760	10000	-2.4	20.0
Benzidine	Ave	0.5575	0.4399		7890	10000	-21.1*	20.0
Pyrene	Ave	1.379	1.502	0.6000	10900	10000	8.9	20.0
Bisphenol-A	Lin2		0.5925		13100	10000	31.3*	20.0
Butyl benzyl phthalate	Ave	0.5997	0.7006	0.0100	11700	10000	16.8	20.0
2,3,7,8-TCDD	Ave	0.1356	0.1365		101	100	0.6	20.0
Carbamazepine	Ave	0.4436	0.5299		11900	10000	19.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: CCVIS 460-842277/2 Calibration Date: 05/01/2022 11:05

Instrument ID: CBNAMS17 Calib Start Date: 03/10/2022 10:44

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/10/2022 13:32

Lab File ID: M235860.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	Ave	0.4229	0.5046	0.0100	11900	10000	19.3	20.0
Benzo[a]anthracene	Ave	1.212	1.232	0.8000	10200	10000	1.6	20.0
Chrysene	Ave	1.151	1.205	0.7000	10500	10000	4.7	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8943	1.023	0.0100	11400	10000	14.4	20.0
Di-n-octyl phthalate	Ave	1.545	1.546	0.0100	10000	10000	0.1	20.0
Benzo[b]fluoranthene	Ave	1.138	1.141		10000	10000	0.3	20.0
Benzo[k]fluoranthene	Ave	1.162	1.195	0.7000	10300	10000	2.9	20.0
Benzo[a]pyrene	Ave	1.105	1.190	0.7000	10800	10000	7.6	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.9779	1.286	0.5000	13200	10000	31.5*	20.0
Dibenz(a,h)anthracene	Ave	1.010	1.254	0.4000	12400	10000	24.1*	20.0
Benzo[g,h,i]perylene	Ave	1.097	1.341	0.5000	12200	10000	22.2*	20.0
2-Fluorophenol (Surr)	Ave	1.340	1.233		9200	10000	-8.0	20.0
Phenol-d5 (Surr)	Ave	1.641	1.462		8910	10000	-10.9	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3632	0.3661		10100	10000	0.8	20.0
2-Fluorobiphenyl	Ave	1.419	1.482		10400	10000	4.4	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.1812	0.2104		11600	10000	16.1	20.0
Terphenyl-d14 (Surr)	Ave	1.003	1.100		11000	10000	9.7	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220501-144732.b\M235860.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 01-May-2022 11:05:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144732-002
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub22

Method: \\chromfs\Edison\ChromData\CBNAMS17\20220501-144732.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 02-May-2022 14:04:35 Calib Date: 10-Mar-2022 13:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234663.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: khlungprakhons Date: 02-May-2022 14:04:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.665	1.665	0.000	93	71179	10.0	7.53	
2 N-Nitrosodimethylamine	74	1.863	1.863	0.000	78	111013	10.0	8.30	
3 Pyridine	79	1.895	1.895	0.000	76	337412	20.0	16.3	
$ 4 2-Fluorophenol	112	2.957	2.957	0.000	93	215384	10.0	9.20	
5 Benzaldehyde	77	3.765	3.765	0.000	93	38132	4.00	1.92	
$ 6 Phenol-d5	99	3.857	3.857	0.000	0	255477	10.0	8.91	
7 Phenol	94	3.870	3.870	0.000	97	279553	10.0	9.76	
8 Aniline	93	3.870	3.870	0.000	91	303728	10.0	8.95	
9 Bis(2-chloroethyl)ether	93	3.928	3.928	0.000	95	195840	10.0	9.39	
10 Benzonitrile	103	3.944	3.944	0.000	98	410450	NC	NC	
11 2-Chlorophenol	128	3.995	3.995	0.000	94	226769	10.0	9.62	
12 n-Decane	43	4.040	4.040	0.000	92	293861	10.0	8.59	
13 1,3-Dichlorobenzene	146	4.135	4.135	0.000	96	268689	10.0	9.75	
* 14 1,4-Dichlorobenzene-d4	152	4.190	4.190	0.000	96	139769	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.206	4.206	0.000	95	271971	10.0	9.76	
16 Benzyl alcohol	108	4.327	4.327	0.000	92	135404	10.0	9.26	
17 1,2-Dichlorobenzene	146	4.356	4.356	0.000	96	256623	10.0	9.69	
18 2-Methylphenol	108	4.455	4.455	0.000	91	187339	10.0	9.11	
19 2,2'-oxybis[1-chloropropane]	45	4.455	4.455	0.000	93	380156	10.0	8.57	
20 N-Methylaniline	106	4.573	4.573	0.000	98	314913	10.0	8.82	
21 Acetophenone	105	4.579	4.579	0.000	91	293311	10.0	9.29	
22 N-Nitrosodi-n-propylamine	70	4.582	4.582	0.000	93	140280	10.0	9.08	
23 3 & 4 Methylphenol	108	4.605	4.605	0.000	0	197193	10.0	8.56	
24 4-Methylphenol	108	4.605	4.605	0.000	97	195497	10.0	8.50	
25 Hexachloroethane	117	4.681	4.681	0.000	95	108757	10.0	10.3	
$ 27 Nitrobenzene-d5	82	4.726	4.726	0.000	92	226175	10.0	10.1	
28 Nitrobenzene	123	4.745	4.745	0.000	92	104768	10.0	10.6	
29 n,n'-Dimethylaniline	120	4.749	4.749	0.000	93	332898	10.0	9.45	
30 Isophorone	82	4.975	4.975	0.000	99	381362	10.0	9.51	
32 2-Nitrophenol	139	5.055	5.055	0.000	90	117824	10.0	13.0	
33 2,4-Dimethylphenol	122	5.116	5.116	0.000	90	179753	10.0	9.63	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.192	5.192	0.000	94	235127	10.0	9.71	
35 Benzoic acid	122	5.221	5.221	0.000	88	74312	10.0	8.88	
36 2,4-Dichlorophenol	162	5.298	5.298	0.000	94	185151	10.0	10.3	
37 1,2,4-Trichlorobenzene	180	5.368	5.368	0.000	95	214553	10.0	10.8	
* 38 Naphthalene-d8	136	5.419	5.419	0.000	99	494216	8.00	8.00	
39 Naphthalene	128	5.442	5.442	0.000	99	612069	10.0	9.65	
40 4-Chloroaniline	127	5.502	5.502	0.000	97	251132	10.0	9.56	
130 2,6-Dichlorophenol	162	5.512	5.512	0.000	97	186807	10.0	10.5	
41 Hexachlorobutadiene	225	5.572	5.572	0.000	95	129084	10.0	11.3	
42 Caprolactam	113	5.822	5.822	0.000	88	17972	4.00	4.15	
43 4-Chloro-3-methylphenol	107	5.994	5.994	0.000	97	166228	10.0	9.94	
44 2-Methylnaphthalene	142	6.109	6.109	0.000	84	399376	10.0	9.72	
45 1-Methylnaphthalene	142	6.202	6.202	0.000	92	364786	10.0	9.78	
46 Hexachlorocyclopentadiene	237	6.272	6.272	0.000	97	153377	10.0	12.1	
47 1,2,4,5-Tetrachlorobenzene	216	6.275	6.275	0.000	96	199356	10.0	11.1	
48 2-tertbutyl-4-methylphenol	149	6.320	6.320	0.000	89	254098	10.0	10.3	
49 2,4,6-Trichlorophenol	196	6.390	6.390	0.000	90	128419	10.0	11.8	
50 2,4,5-Trichlorophenol	196	6.432	6.432	0.000	96	130958	10.0	10.8	
$ 51 2-Fluorobiphenyl	172	6.464	6.464	0.000	97	450244	10.0	10.4	
52 1,1'-Biphenyl	154	6.556	6.556	0.000	96	463164	10.0	10.5	
53 2-Chloronaphthalene	162	6.572	6.572	0.000	98	382635	10.0	10.7	
54 Phenyl ether	170	6.659	6.659	0.000	86	252654	10.0	10.4	
55 2-Nitroaniline	65	6.678	6.678	0.000	96	108740	10.0	9.26	
57 1,3-Dimethylnaphthalene	156	6.783	6.783	0.000	90	289819	10.0	10.7	
59 Dimethyl phthalate	163	6.857	6.857	0.000	99	415523	10.0	10.6	
60 Coumarin	146	6.866	6.866	0.000	80	132599	10.0	9.11	
61 2,6-Dinitrotoluene	165	6.908	6.908	0.000	94	89618	10.0	12.4	
62 Acenaphthylene	152	6.965	6.965	0.000	97	562467	10.0	9.90	
63 3-Nitroaniline	138	7.071	7.071	0.000	94	95657	10.0	11.3	
* 64 Acenaphthene-d10	164	7.103	7.103	0.000	95	243041	8.00	8.00	
66 Acenaphthene	154	7.132	7.132	0.000	96	325454	10.0	10.2	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.135	7.135	0.000	93	314726	10.0	11.2	
67 2,4-Dinitrophenol	184	7.167	7.167	0.000	92	78644	20.0	22.1	
68 4-Nitrophenol	65	7.266	7.266	0.000	92	125129	20.0	20.3	
69 2,4-Dinitrotoluene	165	7.288	7.288	0.000	94	117035	10.0	11.5	
70 Dibenzofuran	168	7.298	7.298	0.000	95	502720	10.0	10.4	
72 2,3,4,6-Tetrachlorophenol	232	7.426	7.426	0.000	93	94602	10.0	11.1	
73 Diethyl phthalate	149	7.528	7.528	0.000	98	414490	10.0	10.5	
75 Fluorene	166	7.621	7.621	0.000	94	380170	10.0	10.2	
74 4-Chlorophenyl phenyl ether	204	7.624	7.624	0.000	88	189109	10.0	10.8	
76 4-Nitroaniline	138	7.653	7.653	0.000	91	81004	10.0	9.74	
77 4,6-Dinitro-2-methylphenol	198	7.678	7.678	0.000	83	107240	20.0	24.8	
78 N-Nitrosodiphenylamine	169	7.739	7.739	0.000	70	264239	10.0	10.7	
79 1,2-Diphenylhydrazine	77	7.774	7.774	0.000	50	372509	10.0	10.3	
$ 80 2,4,6-Tribromophenol	330	7.854	7.854	0.000	94	63923	10.0	11.6	
81 4-Bromophenyl phenyl ether	248	8.087	8.087	0.000	88	108838	10.0	12.2	
82 Hexachlorobenzene	284	8.148	8.148	0.000	99	127465	10.0	11.2	
83 Atrazine	200	8.250	8.250	0.000	89	39910	4.00	4.58	
84 Pentachlorophenol	266	8.340	8.340	0.000	94	108135	20.0	18.0	
85 Pentachloronitrobenzene	237	8.349	8.349	0.000	87	54874	10.0	12.2	
86 n-Octadecane	57	8.426	8.426	0.000	90	317682	10.0	10.1	
* 87 Phenanthrene-d10	188	8.506	8.506	0.000	99	379431	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.528	8.528	0.000	98	513546	10.0	10.3	
89 Anthracene	178	8.576	8.576	0.000	98	530368	10.0	10.4	
90 Carbazole	167	8.733	8.733	0.000	96	437365	10.0	9.56	
91 Di-n-butyl phthalate	149	9.075	9.075	0.000	99	603895	10.0	10.1	
92 Fluoranthene	202	9.653	9.653	0.000	97	480922	10.0	9.76	
93 Benzidine	184	9.784	9.784	0.000	99	208660	10.0	7.89	
94 Pyrene	202	9.863	9.863	0.000	97	485479	10.0	10.9	
95 Bisphenol-A	213	9.931	9.931	0.000	98	191496	10.0	13.1	
$ 96 Terphenyl-d14	244	10.020	10.020	0.000	98	355530	10.0	11.0	
97 Butyl benzyl phthalate	149	10.512	10.512	0.000	95	226417	10.0	11.7	
98 2,3,7,8-TCDD	320	10.608	10.608	0.000	69	441	0.1000	0.1006	
99 Carbamazepine	193	10.621	10.621	0.000	92	171268	10.0	11.9	
100 3,3'-Dichlorobenzidine	252	11.097	11.097	0.000	100	163090	10.0	11.9	
101 Benzo[a]anthracene	228	11.113	11.113	0.000	99	398103	10.0	10.2	
* 102 Chrysene-d12	240	11.123	11.123	0.000	99	258551	8.00	8.00	
104 Chrysene	228	11.155	11.155	0.000	98	389484	10.0	10.5	
103 Bis(2-ethylhexyl) phthalate	149	11.180	11.180	0.000	85	330576	10.0	11.4	
105 Di-n-octyl phthalate	149	12.021	12.021	0.000	96	557728	10.0	10.0	
106 Benzo[b]fluoranthene	252	12.504	12.504	0.000	98	411638	10.0	10.0	
107 Benzo[k]fluoranthene	252	12.539	12.539	0.000	99	431112	10.0	10.3	
108 Benzo[a]pyrene	252	12.954	12.954	0.000	96	429104	10.0	10.8	
* 109 Perylene-d12	264	13.035	13.035	0.000	99	288581	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.570	14.570	0.000	98	464025	10.0	13.2	
111 Dibenz(a,h)anthracene	278	14.606	14.606	0.000	97	452288	10.0	12.4	
112 Benzo[g,h,i]perylene	276	14.987	14.987	0.000	96	483707	10.0	12.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_BNAL7_LVI_00006 Amount Added: 1.00 Units: mL

Report Date: 02-May-2022 14:04:37 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220501-144732.b\M235860.D

Injection Date: 01-May-2022 11:05:30 Instrument ID: CBNAMS17

Lims ID: CCVIS

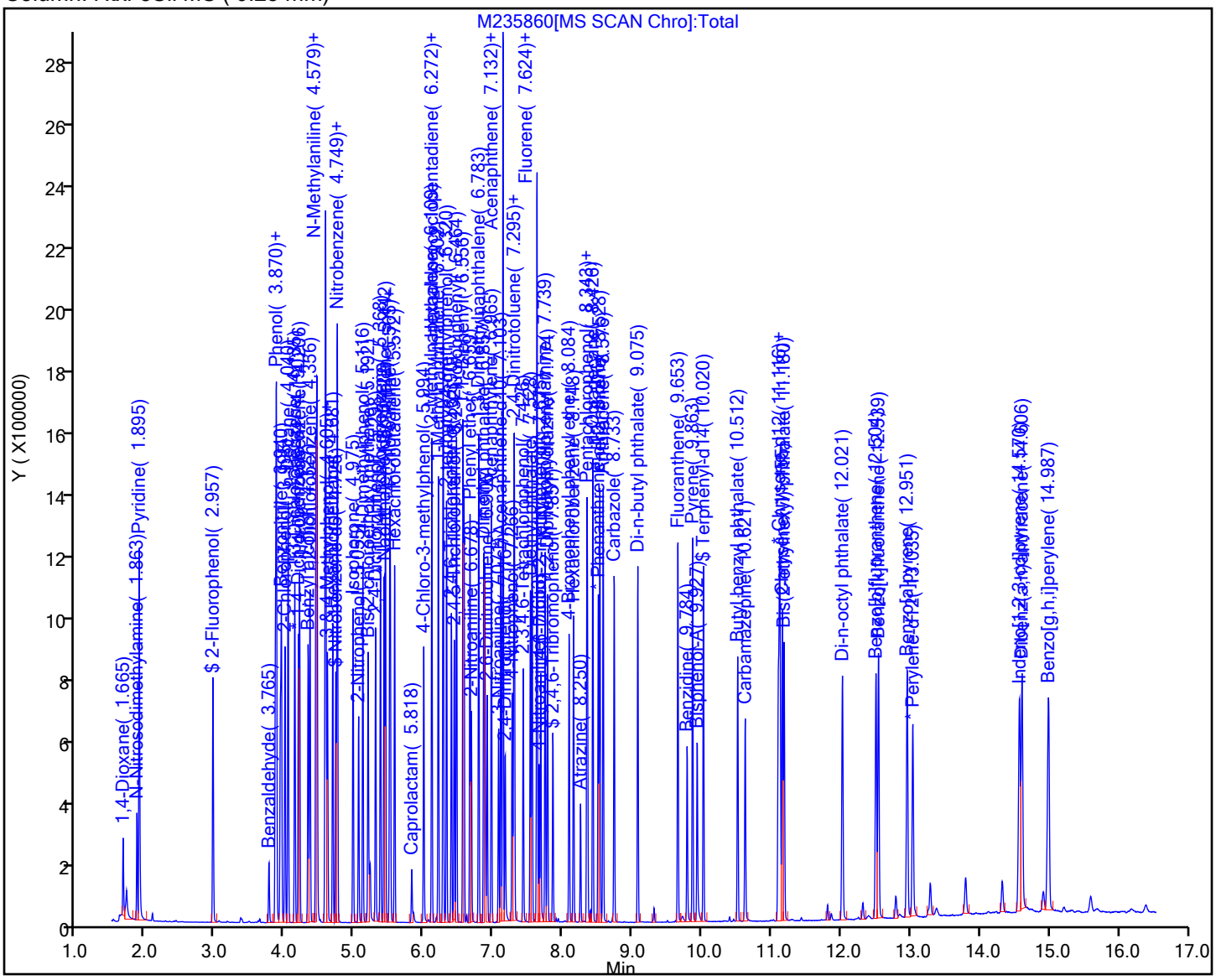
Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICV 460-836125/11 | Calibration Date: 03/29/2022 13:39

Instrument ID: CBNAMS5 | Calib Start Date: 03/29/2022 09:55

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 03/29/2022 13:15

Lab File ID: X40649.d | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4830	0.4338		44900	50000	-10.2	30.0
N-Nitrosodimethylamine	Ave	0.7509	0.7204		48000	50000	-4.1	30.0
Pyridine	Ave	1.175	1.135		96500	100000	-3.5	30.0
Benzaldehyde	Ave	1.151	0.5451	0.0100	9470	20000	-52.7*	30.0
Phenol	Ave	1.652	1.532	0.8000	46400	50000	-7.2	30.0
Aniline	Ave	1.983	1.846		46600	50000	-6.9	30.0
Bis(2-chloroethyl)ether	Ave	1.179	1.122	0.7000	47600	50000	-4.8	30.0
2-Chlorophenol	Ave	1.413	1.337	0.8000	47300	50000	-5.4	30.0
n-Decane	Ave	1.993	1.753		44000	50000	-12.0	30.0
1,3-Dichlorobenzene	Ave	1.519	1.433		47200	50000	-5.7	30.0
1,4-Dichlorobenzene	Ave	1.536	1.452		47300	50000	-5.5	30.0
Benzyl alcohol	Ave	0.8635	0.8036		46500	50000	-6.9	30.0
1,2-Dichlorobenzene	Ave	1.457	1.384		47500	50000	-5.0	30.0
2-Methylphenol	Ave	1.187	1.116	0.7000	47000	50000	-6.0	30.0
2,2'-oxybis[1-chloropropane]	Ave	2.473	2.272	0.0100	45900	50000	-8.1	30.0
3 & 4 Methylphenol	Ave	1.331	1.227		46100	50000	-7.8	30.0
4-Methylphenol	Ave	1.331	1.227	0.6000	46100	50000	-7.8	30.0
N-Methylaniline	Ave	2.086	1.891		45300	50000	-9.3	30.0
N-Nitrosodi-n-propylamine	Ave	0.9846	0.9361	0.5000	47500	50000	-4.9	30.0
Acetophenone	Ave	1.889	1.751	0.0100	46300	50000	-7.3	30.0
Hexachloroethane	Ave	0.5809	0.5419	0.3000	46600	50000	-6.7	30.0
n,n'-Dimethylaniline	Ave	2.054	1.991		48500	50000	-3.1	30.0
Nitrobenzene	Ave	0.6378	0.6084	0.2000	47700	50000	-4.6	30.0
Isophorone	Ave	0.6651	0.6368	0.4000	47900	50000	-4.2	30.0
2-Nitrophenol	Ave	0.1973	0.1866	0.1000	47300	50000	-5.4	30.0
2,4-Dimethylphenol	Ave	0.3219	0.2804	0.2000	43600	50000	-12.9	30.0
Benzoic acid	Lin2		0.1892		45700	50000	-8.5	30.0
Bis(2-chloroethoxy)methane	Ave	0.3994	0.3756	0.3000	47000	50000	-6.0	30.0
2,4-Dichlorophenol	Ave	0.2912	0.2821	0.2000	48400	50000	-3.1	30.0
1,2,4-Trichlorobenzene	Ave	0.3217	0.3150		49000	50000	-2.1	30.0
Naphthalene	Ave	1.025	0.9744	0.7000	47500	50000	-4.9	30.0
4-Chloroaniline	Ave	0.4467	0.4218	0.0100	47200	50000	-5.6	30.0
Hexachlorobutadiene	Ave	0.2046	0.1931	0.0100	47200	50000	-5.6	30.0
Caprolactam	Ave	0.0787	0.0836	0.0100	21300	20000	6.3	30.0
4-Chloro-3-methylphenol	Ave	0.2897	0.2687	0.2000	46400	50000	-7.2	30.0
2-Methylnaphthalene	Ave	0.6889	0.6353	0.4000	46100	50000	-7.8	30.0
1-Methylnaphthalene	Ave	0.6303	0.5844		46400	50000	-7.3	30.0
Hexachlorocyclopentadiene	Ave	0.5064	0.4984	0.0500	49200	50000	-1.6	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6393	0.6269	0.0100	49000	50000	-1.9	30.0
2-tertbutyl-4-methylphenol	Ave	0.4232	0.4137		48900	50000	-2.2	30.0
2,4,6-Trichlorophenol	Ave	0.4262	0.4242	0.2000	49800	50000	-0.5	30.0
2,4,5-Trichlorophenol	Ave	0.4603	0.4591	0.2000	49900	50000	-0.3	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICV 460-836125/11 Calibration Date: 03/29/2022 13:39

Instrument ID: CBNAMS5 Calib Start Date: 03/29/2022 09:55

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/29/2022 13:15

Lab File ID: X40649.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1'-Biphenyl	Ave	1.501	1.480	0.0100	49300	50000	-1.4	30.0
2-Chloronaphthalene	Ave	1.177	1.153	0.8000	49000	50000	-2.1	30.0
Phenyl ether	Ave	0.8259	0.8408		50900	50000	1.8	30.0
2-Nitroaniline	Ave	0.4731	0.4422	0.0100	46700	50000	-6.5	30.0
1,3-Dimethylnaphthalene	Ave	0.9350	0.9556		51100	50000	2.2	30.0
Dimethyl phthalate	Ave	1.327	1.306	0.0100	49200	50000	-1.6	30.0
Coumarin	Ave	0.2508	0.2398		47800	50000	-4.4	30.0
2,6-Dinitrotoluene	Ave	0.2935	0.2968	0.2000	50600	50000	1.1	30.0
Acenaphthylene	Ave	1.903	1.779	0.9000	46700	50000	-6.5	30.0
3-Nitroaniline	Ave	0.3473	0.3364	0.0100	48400	50000	-3.2	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.064	1.063		49900	50000	-0.1	30.0
Acenaphthene	Ave	1.222	1.240	0.9000	50700	50000	1.4	30.0
2,4-Dinitrophenol	Lin2		0.1893	0.0100	97900	100000	-2.1	30.0
4-Nitrophenol	Ave	0.2543	0.2448	0.0100	96300	100000	-3.7	30.0
2,4-Dinitrotoluene	Ave	0.3994	0.4003	0.2000	50100	50000	0.2	30.0
Dibenzofuran	Ave	1.627	1.599	0.8000	49100	50000	-1.8	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.3821	0.3852	0.0100	50400	50000	0.8	30.0
Diethyl phthalate	Ave	1.345	1.320	0.0100	49100	50000	-1.9	30.0
4-Chlorophenyl phenyl ether	Ave	0.6417	0.6237	0.4000	48600	50000	-2.8	30.0
Fluorene	Ave	1.302	1.258	0.9000	48300	50000	-3.4	30.0
4-Nitroaniline	Ave	0.3487	0.3421	0.0100	49100	50000	-1.9	30.0
4,6-Dinitro-2-methylphenol	Ave	0.1266	0.1327	0.0100	105000	100000	4.8	30.0
N-Nitrosodiphenylamine	Ave	0.5108	0.5111	0.0100	50000	50000	0.0	30.0
1,2-Diphenylhydrazine	Ave	0.7128	0.7078		49600	50000	-0.7	30.0
4-Bromophenyl phenyl ether	Ave	0.2239	0.2280	0.1000	50900	50000	1.8	30.0
Hexachlorobenzene	Ave	0.2931	0.2948	0.1000	50300	50000	0.6	30.0
Atrazine	Ave	0.2060	0.2144	0.0100	20800	20000	4.1	30.0
Pentachlorophenol	Ave	0.1768	0.1835	0.0500	104000	100000	3.8	30.0
Pentachloronitrobenzene	Ave	0.1128	0.1167	0.0100	51800	50000	3.5	30.0
n-Octadecane	Ave	0.5111	0.4932		48300	50000	-3.5	30.0
Phenanthrene	Ave	1.041	1.023	0.7000	49100	50000	-1.7	30.0
Anthracene	Ave	1.064	1.067	0.7000	50200	50000	0.3	30.0
Carbazole	Ave	0.9773	0.9658	0.0100	49400	50000	-1.2	30.0
Di-n-butyl phthalate	Ave	1.208	1.199	0.0100	49600	50000	-0.7	30.0
Fluoranthene	Ave	1.162	1.166	0.6000	50200	50000	0.4	30.0
Benzidine	Ave	0.7002	0.6857		49000	50000	-2.1	30.0
Pyrene	Ave	1.234	1.267	0.6000	51300	50000	2.7	30.0
Bisphenol-A	Ave	0.6085	0.6461		53100	50000	6.2	30.0
Butyl benzyl phthalate	Ave	0.5216	0.5408	0.0100	51800	50000	3.7	30.0
Carbamazepine	Ave	0.4807	0.5261		54700	50000	9.4	30.0
3,3'-Dichlorobenzidine	Ave	0.4676	0.5151	0.0100	55100	50000	10.2	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICV 460-836125/11 Calibration Date: 03/29/2022 13:39

Instrument ID: CBNAMS5 Calib Start Date: 03/29/2022 09:55

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/29/2022 13:15

Lab File ID: X40649.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[a]anthracene	Ave	1.229	1.208	0.8000	49200	50000	-1.7	30.0
Chrysene	Ave	1.143	1.163	0.7000	50900	50000	1.7	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.7683	0.7922	0.0100	51600	50000	3.1	30.0
Di-n-octyl phthalate	Ave	1.148	1.166	0.0100	50800	50000	1.6	30.0
Benzo[b]fluoranthene	Ave	1.104	1.154		52300	50000	4.6	30.0
Benzo[k]fluoranthene	Ave	1.131	1.143	0.7000	50500	50000	1.0	30.0
Benzo[a]pyrene	Ave	1.061	1.102	0.7000	51900	50000	3.8	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.050	1.155	0.5000	55000	50000	10.0	30.0
Dibenz(a,h)anthracene	Ave	1.110	1.161	0.4000	52300	50000	4.7	30.0
Benzo[g,h,i]perylene	Ave	1.171	1.180	0.5000	50400	50000	0.8	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40649.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 29-Mar-2022 13:39:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143349-011
Operator ID: Instrument ID: CBNAMS5
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Mar-2022 14:10:02 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: johnstonm1 Date: 29-Mar-2022 14:10:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.957	1.962	-0.003	98	34898	50.0	44.9	
2 N-Nitrosodimethylamine	74	2.199	2.203	-0.002	74	57964	50.0	48.0	
3 Pyridine	79	2.234	2.237	-0.003	84	182589	100.0	96.5	
5 Benzaldehyde	77	4.204	4.210	-0.003	89	17542	20.0	9.47	
7 Phenol	94	4.251	4.251	0.003	91	123297	50.0	46.4	
8 Aniline	93	4.298	4.304	-0.003	87	148547	50.0	46.6	
9 Bis(2-chloroethyl)ether	93	4.357	4.363	-0.003	90	90294	50.0	47.6	
11 2-Chlorophenol	128	4.410	4.416	-0.003	90	107582	50.0	47.3	
12 n-Decane	43	4.445	4.451	-0.003	91	141076	50.0	44.0	
13 1,3-Dichlorobenzene	146	4.563	4.563	0.003	95	115292	50.0	47.2	
* 14 1,4-Dichlorobenzene-d4	152	4.616	4.613	0.003	96	64365	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.634	4.634	0.003	93	116829	50.0	47.3	
16 Benzyl alcohol	108	4.740	4.740	0.003	89	64654	50.0	46.5	
17 1,2-Dichlorobenzene	146	4.775	4.781	-0.003	90	111371	50.0	47.5	
18 2-Methylphenol	108	4.834	4.834	0.003	85	89807	50.0	47.0	
19 2,2'-oxybis[1-chloropropane]	45	4.863	4.869	-0.003	59	182828	50.0	45.9	
24 4-Methylphenol	108	4.981	4.981	0.003	77	98723	50.0	46.1	
23 3 & 4 Methylphenol	108	4.981	4.981	0.003	74	98723	50.0	46.1	
20 N-Methylaniline	106	4.987	4.987	0.003	71	152174	50.0	45.3	
22 N-Nitrosodi-n-propylamine	70	4.993	4.993	0.003	80	75316	50.0	47.5	
21 Acetophenone	105	4.998	4.999	0.003	90	140883	50.0	46.3	
25 Hexachloroethane	117	5.098	5.099	0.003	90	43598	50.0	46.6	
28 Nitrobenzene	123	5.157	5.158	-0.003	84	48947	50.0	47.7	
27 n,n'-Dimethylaniline	120	5.157	5.163	-0.003	85	160157	50.0	48.5	
31 Isophorone	82	5.381	5.381	-0.003	96	192579	50.0	47.9	
32 2-Nitrophenol	139	5.457	5.457	-0.003	87	56439	50.0	47.3	
33 2,4-Dimethylphenol	122	5.487	5.481	0.003	62	84787	50.0	43.6	
35 Benzoic acid	122	5.575	5.569	0.003	58	57228	50.0	45.7	
34 Bis(2-chloroethoxy)methane	93	5.587	5.581	0.003	96	113570	50.0	47.0	
36 2,4-Dichlorophenol	162	5.681	5.675	0.003	94	85301	50.0	48.4	
37 1,2,4-Trichlorobenzene	180	5.769	5.763	0.003	92	95267	50.0	49.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 38 Naphthalene-d8	136	5.822	5.825	-0.003	100	241922	40.0	40.0	
39 Naphthalene	128	5.845	5.839	0.003	99	294663	50.0	47.5	
40 4-Chloroaniline	127	5.892	5.887	0.003	75	127539	50.0	47.2	
130 2,6-Dichlorophenol	162	5.898	5.892	0.003	85	82928	50.0	47.8	
41 Hexachlorobutadiene	225	5.957	5.951	0.003	95	58405	50.0	47.2	
42 Caprolactam	113	6.222	6.222	0.003	85	10115	20.0	21.3	M
43 4-Chloro-3-methylphenol	107	6.339	6.339	-0.003	93	81257	50.0	46.4	
44 2-Methylnaphthalene	142	6.498	6.498	-0.003	81	192117	50.0	46.1	
45 1-Methylnaphthalene	142	6.592	6.592	-0.003	89	176714	50.0	46.4	
46 Hexachlorocyclopentadiene	237	6.645	6.646	-0.003	85	78243	50.0	49.2	
47 1,2,4,5-Tetrachlorobenzene	216	6.657	6.652	0.003	97	98420	50.0	49.0	
48 2-tertbutyl-4-methylphenol	149	6.675	6.674	-0.003	75	125109	50.0	48.9	
49 2,4,6-Trichlorophenol	196	6.757	6.757	-0.003	89	66598	50.0	49.8	
50 2,4,5-Trichlorophenol	196	6.792	6.787	0.003	88	72069	50.0	49.9	
52 1,1'-Biphenyl	154	6.939	6.940	-0.003	96	232383	50.0	49.3	
53 2-Chloronaphthalene	162	6.963	6.957	0.003	96	181012	50.0	49.0	
54 Phenyl ether	170	7.039	7.040	-0.003	85	131992	50.0	50.9	
56 2-Nitroaniline	65	7.057	7.051	0.003	96	69411	50.0	46.7	
57 1,3-Dimethylnaphthalene	156	7.169	7.163	0.003	88	150019	50.0	51.1	
58 Dimethyl phthalate	163	7.234	7.228	0.003	98	204968	50.0	49.2	
59 Coumarin	146	7.257	7.250	0.003	72	72528	50.0	47.8	
60 2,6-Dinitrotoluene	165	7.286	7.287	-0.003	7	46597	50.0	50.6	
61 Acenaphthylene	152	7.357	7.351	0.003	96	279277	50.0	46.7	
64 3-Nitroaniline	138	7.445	7.439	0.003	94	52805	50.0	48.4	
* 65 Acenaphthene-d10	164	7.486	7.489	-0.003	90	125586	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.498	7.498	-0.003	97	166823	50.0	49.9	
67 Acenaphthene	154	7.516	7.516	-0.003	93	194630	50.0	50.7	
68 2,4-Dinitrophenol	184	7.539	7.539	-0.003	64	59446	100.0	97.9	a
69 4-Nitrophenol	65	7.592	7.586	0.003	84	76847	100.0	96.3	
70 2,4-Dinitrotoluene	165	7.663	7.663	-0.003	92	62834	50.0	50.1	
71 Dibenzofuran	168	7.681	7.681	-0.002	92	250964	50.0	49.1	
72 2,3,4,6-Tetrachlorophenol	232	7.792	7.786	0.003	94	60462	50.0	50.4	
73 Diethyl phthalate	149	7.898	7.898	-0.003	97	207258	50.0	49.1	
74 4-Chlorophenyl phenyl ether	204	8.004	8.004	-0.003	73	97909	50.0	48.6	
75 Fluorene	166	8.004	8.004	-0.003	81	197531	50.0	48.3	
76 4-Nitroaniline	138	8.028	8.022	0.003	92	53708	50.0	49.1	
77 4,6-Dinitro-2-methylphenol	198	8.051	8.046	0.003	55	75738	100.0	104.8	
78 N-Nitrosodiphenylamine	169	8.116	8.116	-0.003	96	145818	50.0	50.0	
79 1,2-Diphenylhydrazine	77	8.157	8.151	0.003	96	201919	50.0	49.6	
81 4-Bromophenyl phenyl ether	248	8.469	8.469	-0.003	92	65039	50.0	50.9	
83 Hexachlorobenzene	284	8.522	8.516	0.003	93	84112	50.0	50.3	
84 Atrazine	200	8.622	8.616	0.003	88	24463	20.0	20.8	
85 Pentachlorophenol	266	8.704	8.704	-0.003	87	104723	100.0	103.8	
86 Pentachloronitrobenzene	237	8.722	8.716	0.003	89	33306	50.0	51.8	
87 n-Octadecane	57	8.786	8.786	-0.003	97	140715	50.0	48.3	
* 88 Phenanthrene-d10	188	8.892	8.895	-0.003	99	228237	40.0	40.0	
89 Phenanthrene	178	8.916	8.916	-0.003	97	291850	50.0	49.1	
90 Anthracene	178	8.963	8.963	-0.003	97	304475	50.0	50.2	
91 Carbazole	167	9.116	9.110	0.003	83	275539	50.0	49.4	
92 Di-n-butyl phthalate	149	9.445	9.445	-0.003	99	342108	50.0	49.6	
93 Fluoranthene	202	10.045	10.039	0.003	97	332774	50.0	50.2	
94 Benzidine	184	10.175	10.175	-0.002	99	195622	50.0	49.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
95 Pyrene	202	10.263	10.263	-0.003	97	338451	50.0	51.3	
82 Bisphenol-A	213	10.304	10.304	-0.003	91	172580	50.0	53.1	
97 Butyl benzyl phthalate	149	10.939	10.939	-0.003	97	144438	50.0	51.8	
99 Carbamazepine	193	11.057	11.057	-0.003	91	140507	50.0	54.7	
100 3,3'-Dichlorobenzidine	252	11.551	11.545	0.003	98	137579	50.0	55.1	
101 Benzo[a]anthracene	228	11.574	11.574	-0.003	99	322663	50.0	49.2	
* 102 Chrysene-d12	240	11.586	11.589	-0.003	97	213678	40.0	40.0	
103 Chrysene	228	11.622	11.616	0.003	95	310621	50.0	50.9	
104 Bis(2-ethylhexyl) phthalate	149	11.627	11.621	0.003	85	211595	50.0	51.6	
105 Di-n-octyl phthalate	149	12.516	12.521	-0.002	94	369112	50.0	50.8	
106 Benzo[b]fluoranthene	252	13.021	13.027	-0.003	98	365418	50.0	52.3	
107 Benzo[k]fluoranthene	252	13.063	13.068	-0.002	99	361682	50.0	50.5	
108 Benzo[a]pyrene	252	13.498	13.504	-0.003	96	348677	50.0	51.9	
* 109 Perylene-d12	264	13.580	13.577	0.003	98	253216	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.274	15.280	-0.003	99	365672	50.0	55.0	
111 Dibenz(a,h)anthracene	278	15.327	15.333	-0.003	96	367617	50.0	52.3	
112 Benzo[g,h,i]perylene	276	15.774	15.775	0.003	93	373404	50.0	50.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

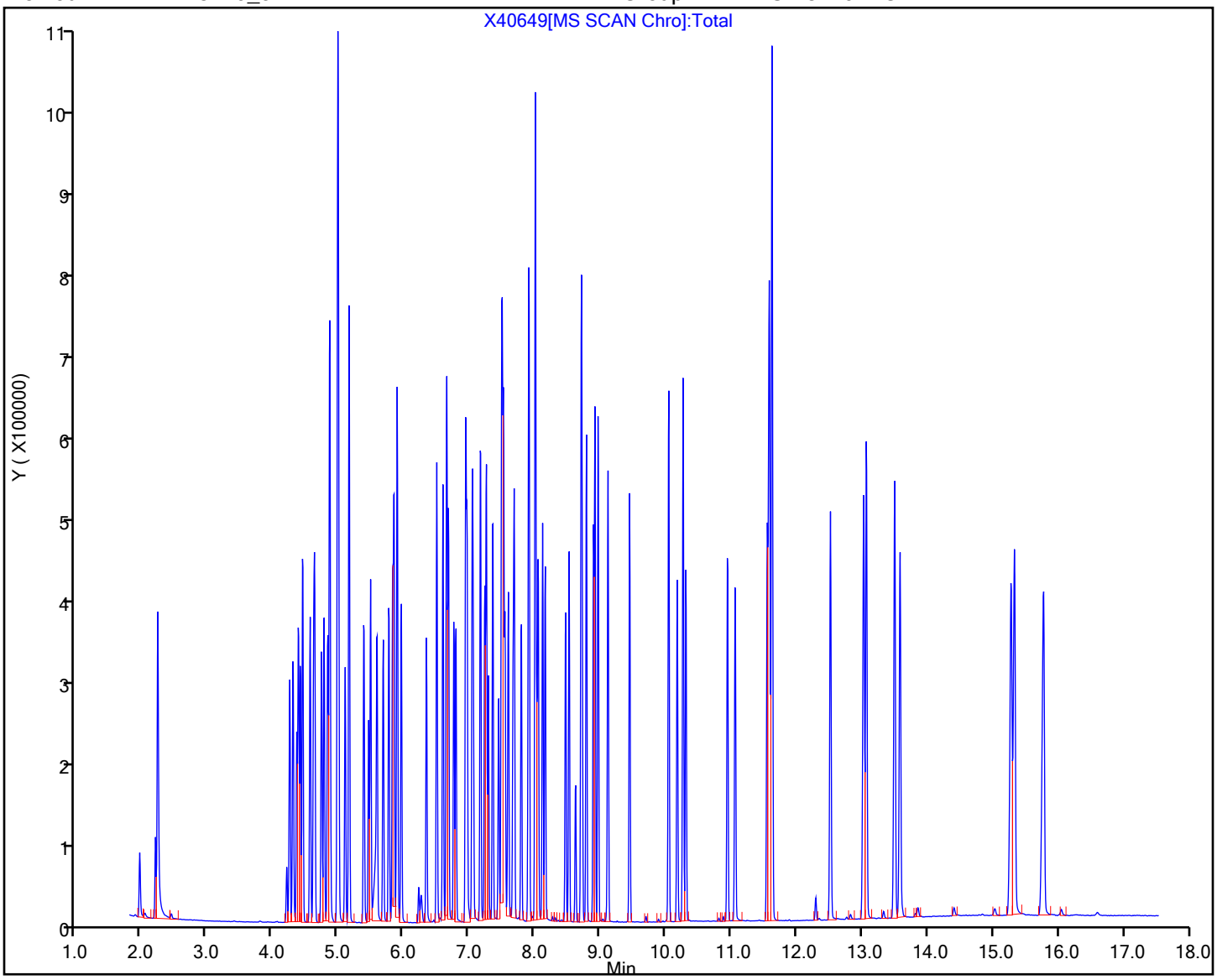
Reagents:

SV_BNA_ICV_00006 Amount Added: 1.00 Units: mL

Report Date: 29-Mar-2022 14:10:15 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40649.d
Injection Date: 29-Mar-2022 13:39:30 Instrument ID: CBNAMS5
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Lab Sample ID: CCVIS 460-841837/2 | Calibration Date: 04/28/2022 21:29

Instrument ID: CBNAMS5 | Calib Start Date: 03/29/2022 09:55

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 03/29/2022 13:15

Lab File ID: X41303.d | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4830	0.3669		38000	50000	-24.0*	20.0
N-Nitrosodimethylamine	Ave	0.7509	0.5745		38300	50000	-23.5*	20.0
Pyridine	Ave	1.175	0.9284		79000	100000	-21.0*	20.0
Benzaldehyde	Ave	1.151	0.5816	0.0100	10100	20000	-49.5*	20.0
Phenol	Ave	1.652	1.476	0.8000	44700	50000	-10.6	20.0
Aniline	Ave	1.983	1.680		42400	50000	-15.2	20.0
Bis(2-chloroethyl)ether	Ave	1.179	0.9809	0.7000	41600	50000	-16.8	20.0
2-Chlorophenol	Ave	1.413	1.334	0.8000	47200	50000	-5.6	20.0
n-Decane	Ave	1.993	1.218		30600	50000	-38.9*	20.0
1,3-Dichlorobenzene	Ave	1.519	1.475		48600	50000	-2.9	20.0
1,4-Dichlorobenzene	Ave	1.536	1.514		49300	50000	-1.5	20.0
Benzyl alcohol	Ave	0.8635	0.7533		43600	50000	-12.8	20.0
1,2-Dichlorobenzene	Ave	1.457	1.429		49000	50000	-1.9	20.0
2-Methylphenol	Ave	1.187	1.069	0.7000	45000	50000	-10.0	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.473	1.543	0.0100	31200	50000	-37.6*	20.0
N-Methylaniline	Ave	2.086	1.795		43000	50000	-13.9	20.0
3 & 4 Methylphenol	Ave	1.331	1.187		44600	50000	-10.8	20.0
4-Methylphenol	Ave	1.331	1.187	0.6000	44600	50000	-10.8	20.0
N-Nitrosodi-n-propylamine	Ave	0.9846	0.8091	0.5000	41100	50000	-17.8	20.0
Acetophenone	Ave	1.889	1.673	0.0100	44300	50000	-11.4	20.0
Hexachloroethane	Ave	0.5809	0.5321	0.3000	45800	50000	-8.4	20.0
n,n'-Dimethylaniline	Ave	2.054	1.919		46700	50000	-6.6	20.0
Nitrobenzene	Ave	0.6378	0.5887	0.2000	46200	50000	-7.7	20.0
Isophorone	Ave	0.6651	0.5727	0.4000	43100	50000	-13.9	20.0
2-Nitrophenol	Ave	0.1973	0.1948	0.1000	49400	50000	-1.2	20.0
2,4-Dimethylphenol	Ave	0.3219	0.2987	0.2000	46400	50000	-7.2	20.0
Bis(2-chloroethoxy)methane	Ave	0.3994	0.3391	0.3000	42500	50000	-15.1	20.0
Benzoic acid	Lin2		0.1924		46500	50000	-7.1	20.0
2,4-Dichlorophenol	Ave	0.2912	0.3053	0.2000	52400	50000	4.8	20.0
1,2,4-Trichlorobenzene	Ave	0.3217	0.3543		55100	50000	10.2	20.0
Naphthalene	Ave	1.025	1.007	0.7000	49100	50000	-1.8	20.0
4-Chloroaniline	Ave	0.4467	0.4212	0.0100	47100	50000	-5.7	20.0
Hexachlorobutadiene	Ave	0.2046	0.2229	0.0100	54500	50000	8.9	20.0
Caprolactam	Ave	0.0787	0.0863	0.0100	21900	20000	9.7	20.0
4-Chloro-3-methylphenol	Ave	0.2897	0.2750	0.2000	47500	50000	-5.1	20.0
2-Methylnaphthalene	Ave	0.6889	0.6768	0.4000	49100	50000	-1.7	20.0
1-Methylnaphthalene	Ave	0.6303	0.6252		49600	50000	-0.8	20.0
Hexachlorocyclopentadiene	Ave	0.5064	0.4944	0.0500	48800	50000	-2.4	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6393	0.7116	0.0100	55700	50000	11.3	20.0
2-tertbutyl-4-methylphenol	Ave	0.4232	0.4319		51000	50000	2.0	20.0
2,4,6-Trichlorophenol	Ave	0.4262	0.4387	0.2000	51500	50000	2.9	20.0
2,4,5-Trichlorophenol	Ave	0.4603	0.4954	0.2000	53800	50000	7.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: CCVIS 460-841837/2 Calibration Date: 04/28/2022 21:29

Instrument ID: CBNAMS5 Calib Start Date: 03/29/2022 09:55

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/29/2022 13:15

Lab File ID: X41303.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1'-Biphenyl	Ave	1.501	1.524	0.0100	50800	50000	1.6	20.0
2-Chloronaphthalene	Ave	1.177	1.227	0.8000	52100	50000	4.2	20.0
Phenyl ether	Ave	0.8259	0.8533		51700	50000	3.3	20.0
2-Nitroaniline	Ave	0.4731	0.3977	0.0100	42000	50000	-15.9	20.0
1,3-Dimethylnaphthalene	Ave	0.9350	0.9816		52500	50000	5.0	20.0
Dimethyl phthalate	Ave	1.327	1.405	0.0100	53000	50000	5.9	20.0
Coumarin	Ave	0.2508	0.2502		49900	50000	-0.2	20.0
2,6-Dinitrotoluene	Ave	0.2935	0.3176	0.2000	54100	50000	8.2	20.0
Acenaphthylene	Ave	1.903	1.913	0.9000	50300	50000	0.5	20.0
3-Nitroaniline	Ave	0.3473	0.3509	0.0100	50500	50000	1.0	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.064	1.149		54000	50000	7.9	20.0
Acenaphthene	Ave	1.222	1.081	0.9000	44200	50000	-11.6	20.0
2,4-Dinitrophenol	Lin2		0.2005	0.0100	104000	100000	3.5	20.0
4-Nitrophenol	Ave	0.2543	0.2048	0.0100	80500	100000	-19.5	20.0
2,4-Dinitrotoluene	Ave	0.3994	0.4416	0.2000	55300	50000	10.6	20.0
Dibenzofuran	Ave	1.627	1.695	0.8000	52100	50000	4.1	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3821	0.4257	0.0100	55700	50000	11.4	20.0
Diethyl phthalate	Ave	1.345	1.380	0.0100	51300	50000	2.6	20.0
4-Chlorophenyl phenyl ether	Ave	0.6417	0.6669	0.4000	52000	50000	3.9	20.0
Fluorene	Ave	1.302	1.353	0.9000	51900	50000	3.9	20.0
4-Nitroaniline	Ave	0.3487	0.3288	0.0100	47100	50000	-5.7	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1266	0.1357	0.0100	107000	100000	7.2	20.0
N-Nitrosodiphenylamine	Ave	0.5108	0.5255	0.0100	51400	50000	2.9	20.0
1,2-Diphenylhydrazine	Ave	0.7128	0.5898		41400	50000	-17.3	20.0
4-Bromophenyl phenyl ether	Ave	0.2239	0.2539	0.1000	56700	50000	13.4	20.0
Hexachlorobenzene	Ave	0.2931	0.3446	0.1000	58800	50000	17.5	20.0
Atrazine	Ave	0.2060	0.2305	0.0100	22400	20000	11.9	20.0
Pentachlorophenol	Ave	0.1768	0.1912	0.0500	108000	100000	8.1	20.0
Pentachloronitrobenzene	Ave	0.1128	0.1136	0.0100	50400	50000	0.7	20.0
n-Octadecane	Ave	0.5111	0.3658		35800	50000	-28.4*	20.0
Phenanthrene	Ave	1.041	1.048	0.7000	50300	50000	0.7	20.0
Anthracene	Ave	1.064	1.089	0.7000	51200	50000	2.4	20.0
Carbazole	Ave	0.9773	0.9858	0.0100	50400	50000	0.9	20.0
Di-n-butyl phthalate	Ave	1.208	1.210	0.0100	50100	50000	0.2	20.0
Fluoranthene	Ave	1.162	1.218	0.6000	52400	50000	4.8	20.0
Benzidine	Ave	0.7002	0.6769		48300	50000	-3.3	20.0
Pyrene	Ave	1.234	1.276	0.6000	51700	50000	3.4	20.0
Bisphenol-A	Ave	0.6085	0.6349		52200	50000	4.4	20.0
Butyl benzyl phthalate	Ave	0.5216	0.5292	0.0100	50700	50000	1.5	20.0
2,3,7,8-TCDD	Ave	0.2141	0.2172		507	500	1.4	20.0
Carbamazepine	Ave	0.4807	0.5306		55200	50000	10.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: CCVIS 460-841837/2 Calibration Date: 04/28/2022 21:29

Instrument ID: CBNAMS5 Calib Start Date: 03/29/2022 09:55

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/29/2022 13:15

Lab File ID: X41303.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	Ave	0.4676	0.5457	0.0100	58400	50000	16.7	20.0
Benzo[a]anthracene	Ave	1.229	1.223	0.8000	49800	50000	-0.5	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7683	0.7649	0.0100	49800	50000	-0.4	20.0
Chrysene	Ave	1.143	1.165	0.7000	51000	50000	1.9	20.0
Di-n-octyl phthalate	Ave	1.148	1.091	0.0100	47500	50000	-5.0	20.0
Benzo[b]fluoranthene	Ave	1.104	1.112	0.7000	50400	50000	0.8	20.0
Benzo[k]fluoranthene	Ave	1.131	1.191	0.7000	52700	50000	5.3	20.0
Benzo[a]pyrene	Ave	1.061	1.109	0.7000	52200	50000	4.5	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.050	1.234	0.5000	58800	50000	17.5	20.0
Dibenz(a,h)anthracene	Ave	1.110	1.198	0.4000	54000	50000	7.9	20.0
Benzo[g,h,i]perylene	Ave	1.171	1.251	0.5000	53400	50000	6.8	20.0
2-Fluorophenol (Surr)	Ave	1.380	1.143		41400	50000	-17.2	20.0
Phenol-d5 (Surr)	Ave	1.641	1.379		42000	50000	-15.9	20.0
Nitrobenzene-d5 (Surr)	Ave	0.4153	0.3385		40800	50000	-18.5	20.0
2-Fluorobiphenyl	Ave	1.539	1.542		50100	50000	0.2	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.3388	0.4364		64400	50000	28.8*	20.0
Terphenyl-d14 (Surr)	Ave	1.095	1.127		51500	50000	3.0	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\X41303.d
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 28-Apr-2022 21:29:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144636-002
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Apr-2022 10:08:55 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: johnstonm1 Date: 29-Apr-2022 10:08:55

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.778	1.778	0.000	95	24979	50.0	38.0	
	2 N-Nitrosodimethylamine	74	2.019	2.019	0.000	74	39112	50.0	38.3	
	3 Pyridine	79	2.043	2.043	0.000	87	126406	100.0	79.0	
$	4 2-Fluorophenol	112	3.160	3.160	0.000	95	77832	50.0	41.4	
	5 Benzaldehyde	77	4.007	4.007	0.000	89	15837	20.0	10.1	
$	6 Phenol-d5	99	4.060	4.060	0.000	93	93890	50.0	42.0	
	7 Phenol	94	4.072	4.072	0.000	97	100482	50.0	44.7	
	8 Aniline	93	4.107	4.107	0.000	38	114399	50.0	42.4	
	9 Bis(2-chloroethyl)ether	93	4.166	4.166	0.000	92	66776	50.0	41.6	
	11 2-Chlorophenol	128	4.219	4.219	0.000	88	90841	50.0	47.2	
	12 n-Decane	43	4.249	4.249	0.000	89	82945	50.0	30.6	
	13 1,3-Dichlorobenzene	146	4.366	4.366	0.000	97	100425	50.0	48.6	
*	14 1,4-Dichlorobenzene-d4	152	4.419	4.419	0.000	95	54462	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.437	4.437	0.000	95	103037	50.0	49.3	
	16 Benzyl alcohol	108	4.549	4.549	0.000	90	51286	50.0	43.6	
	17 1,2-Dichlorobenzene	146	4.578	4.578	0.000	91	97300	50.0	49.0	
	18 2-Methylphenol	108	4.654	4.654	0.000	84	72749	50.0	45.0	
	19 2,2'-oxybis[1-chloropropane]	45	4.672	4.672	0.000	88	105040	50.0	31.2	a
	20 N-Methylaniline	106	4.796	4.796	0.000	75	122218	50.0	43.0	
	22 N-Nitrosodi-n-propylamine	70	4.801	4.801	0.000	65	55080	50.0	41.1	
	24 4-Methylphenol	108	4.801	4.801	0.000	74	80816	50.0	44.6	
	23 3 & 4 Methylphenol	108	4.801	4.801	0.000	71	80816	50.0	44.6	
	21 Acetophenone	105	4.807	4.807	0.000	85	113881	50.0	44.3	
	25 Hexachloroethane	117	4.901	4.901	0.000	89	36227	50.0	45.8	
$	26 Nitrobenzene-d5	82	4.954	4.954	0.000	90	84653	50.0	40.8	
	27 n,n'-Dimethylaniline	120	4.966	4.966	0.000	88	130619	50.0	46.7	
	28 Nitrobenzene	123	4.972	4.972	0.000	86	40077	50.0	46.2	
	31 Isophorone	82	5.196	5.196	0.000	96	143229	50.0	43.1	
	32 2-Nitrophenol	139	5.272	5.272	0.000	92	48725	50.0	49.4	
	33 2,4-Dimethylphenol	122	5.307	5.307	0.000	66	74692	50.0	46.4	
	34 Bis(2-chloroethoxy)methane	93	5.401	5.401	0.000	98	84814	50.0	42.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.419	5.419	0.000	85	48123	50.0	46.5	
36 2,4-Dichlorophenol	162	5.501	5.501	0.000	96	76351	50.0	52.4	
37 1,2,4-Trichlorobenzene	180	5.578	5.578	0.000	92	88614	50.0	55.1	
* 38 Naphthalene-d8	136	5.631	5.631	0.000	99	200074	40.0	40.0	
39 Naphthalene	128	5.654	5.654	0.000	99	251735	50.0	49.1	
40 4-Chloroaniline	127	5.707	5.707	0.000	82	105329	50.0	47.1	
130 2,6-Dichlorophenol	162	5.713	5.713	0.000	84	75858	50.0	52.8	
41 Hexachlorobutadiene	225	5.766	5.766	0.000	96	55741	50.0	54.5	
42 Caprolactam	113	6.048	6.048	0.000	85	8633	20.0	21.9	M
43 4-Chloro-3-methylphenol	107	6.172	6.172	0.000	91	68768	50.0	47.5	
44 2-Methylnaphthalene	142	6.313	6.313	0.000	83	169272	50.0	49.1	
45 1-Methylnaphthalene	142	6.407	6.407	0.000	82	156359	50.0	49.6	
46 Hexachlorocyclopentadiene	237	6.454	6.454	0.000	87	65843	50.0	48.8	
47 1,2,4,5-Tetrachlorobenzene	216	6.472	6.472	0.000	99	94782	50.0	55.7	
48 2-tertbutyl-4-methylphenol	149	6.501	6.501	0.000	75	108003	50.0	51.0	
49 2,4,6-Trichlorophenol	196	6.578	6.578	0.000	92	58426	50.0	51.5	
50 2,4,5-Trichlorophenol	196	6.619	6.619	0.000	88	65988	50.0	53.8	
$ 51 2-Fluorobiphenyl	172	6.660	6.660	0.000	92	205389	50.0	50.1	
52 1,1'-Biphenyl	154	6.754	6.754	0.000	95	203010	50.0	50.8	
53 2-Chloronaphthalene	162	6.772	6.772	0.000	97	163444	50.0	52.1	
54 Phenyl ether	170	6.854	6.854	0.000	81	113648	50.0	51.7	
56 2-Nitroaniline	65	6.878	6.878	0.000	96	52971	50.0	42.0	
57 1,3-Dimethylnaphthalene	156	6.978	6.978	0.000	89	130738	50.0	52.5	
58 Dimethyl phthalate	163	7.048	7.048	0.000	99	187195	50.0	53.0	
59 Coumarin	146	7.078	7.078	0.000	77	62581	50.0	49.9	
60 2,6-Dinitrotoluene	165	7.107	7.107	0.000	38	42298	50.0	54.1	
61 Acenaphthylene	152	7.166	7.166	0.000	96	254802	50.0	50.3	
64 3-Nitroaniline	138	7.266	7.266	0.000	96	46732	50.0	50.5	
* 65 Acenaphthene-d10	164	7.301	7.301	0.000	90	106552	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.313	7.313	0.000	86	152983	50.0	54.0	
67 Acenaphthene	154	7.331	7.331	0.000	93	143991	50.0	44.2	
68 2,4-Dinitrophenol	184	7.372	7.372	0.000	74	53420	100.0	103.5	
69 4-Nitrophenol	65	7.437	7.437	0.000	90	54562	100.0	80.5	
70 2,4-Dinitrotoluene	165	7.490	7.490	0.000	64	58821	50.0	55.3	
71 Dibenzofuran	168	7.495	7.495	0.000	91	225693	50.0	52.1	
72 2,3,4,6-Tetrachlorophenol	232	7.613	7.613	0.000	97	56693	50.0	55.7	
73 Diethyl phthalate	149	7.713	7.713	0.000	97	183798	50.0	51.3	
75 Fluorene	166	7.819	7.819	0.000	82	180164	50.0	51.9	
74 4-Chlorophenyl phenyl ether	204	7.819	7.819	0.000	72	88822	50.0	52.0	
76 4-Nitroaniline	138	7.854	7.854	0.000	58	43787	50.0	47.1	
77 4,6-Dinitro-2-methylphenol	198	7.878	7.878	0.000	81	69883	100.0	107.2	
78 N-Nitrosodiphenylamine	169	7.937	7.937	0.000	97	135323	50.0	51.4	
79 1,2-Diphenylhydrazine	77	7.972	7.972	0.000	96	151885	50.0	41.4	
$ 80 2,4,6-Tribromophenol	330	8.048	8.048	0.000	88	58122	50.0	64.4	
81 4-Bromophenyl phenyl ether	248	8.278	8.278	0.000	94	65385	50.0	56.7	
83 Hexachlorobenzene	284	8.337	8.337	0.000	87	88732	50.0	58.8	
84 Atrazine	200	8.442	8.442	0.000	91	23741	20.0	22.4	
85 Pentachlorophenol	266	8.525	8.525	0.000	90	98447	100.0	108.1	
86 Pentachloronitrobenzene	237	8.537	8.537	0.000	69	29250	50.0	50.4	
87 n-Octadecane	57	8.601	8.601	0.000	97	94193	50.0	35.8	
* 88 Phenanthrene-d10	188	8.707	8.707	0.000	98	206009	40.0	40.0	
89 Phenanthrene	178	8.731	8.731	0.000	96	269788	50.0	50.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Anthracene	178	8.778	8.778	0.000	98	280454	50.0	51.2	
91 Carbazole	167	8.931	8.931	0.000	83	253844	50.0	50.4	
92 Di-n-butyl phthalate	149	9.260	9.260	0.000	99	311607	50.0	50.1	
93 Fluoranthene	202	9.854	9.854	0.000	98	313646	50.0	52.4	
94 Benzidine	184	9.989	9.989	0.000	99	174300	50.0	48.3	
95 Pyrene	202	10.072	10.072	0.000	98	318539	50.0	51.7	
82 Bisphenol-A	213	10.119	10.119	0.000	96	158480	50.0	52.2	
$ 96 Terphenyl-d14	244	10.225	10.225	0.000	98	281335	50.0	51.5	
97 Butyl benzyl phthalate	149	10.730	10.730	0.000	95	132084	50.0	50.7	
98 2,3,7,8-TCDD	320	10.819	10.819	0.000	1	542	0.5000	0.5071	
99 Carbamazepine	193	10.848	10.848	0.000	92	132423	50.0	55.2	
100 3,3'-Dichlorobenzidine	252	11.325	11.325	0.000	97	136202	50.0	58.4	
101 Benzo[a]anthracene	228	11.342	11.342	0.000	98	305225	50.0	49.8	
* 102 Chrysene-d12	240	11.360	11.360	0.000	95	199676	40.0	40.0	
103 Chrysene	228	11.389	11.389	0.000	95	290801	50.0	51.0	
104 Bis(2-ethylhexyl) phthalate	149	11.389	11.389	0.000	84	190906	50.0	49.8	
105 Di-n-octyl phthalate	149	12.248	12.248	0.000	93	337218	50.0	47.5	
106 Benzo[b]fluoranthene	252	12.748	12.748	0.000	97	343830	50.0	50.4	
107 Benzo[k]fluoranthene	252	12.789	12.789	0.000	99	368335	50.0	52.7	
108 Benzo[a]pyrene	252	13.207	13.207	0.000	97	342723	50.0	52.2	
* 109 Perylene-d12	264	13.289	13.289	0.000	99	247329	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.907	14.907	0.000	98	381476	50.0	58.8	
111 Dibenz(a,h)anthracene	278	14.948	14.948	0.000	97	370292	50.0	54.0	
112 Benzo[g,h,i]perylene	276	15.365	15.365	0.000	92	386707	50.0	53.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

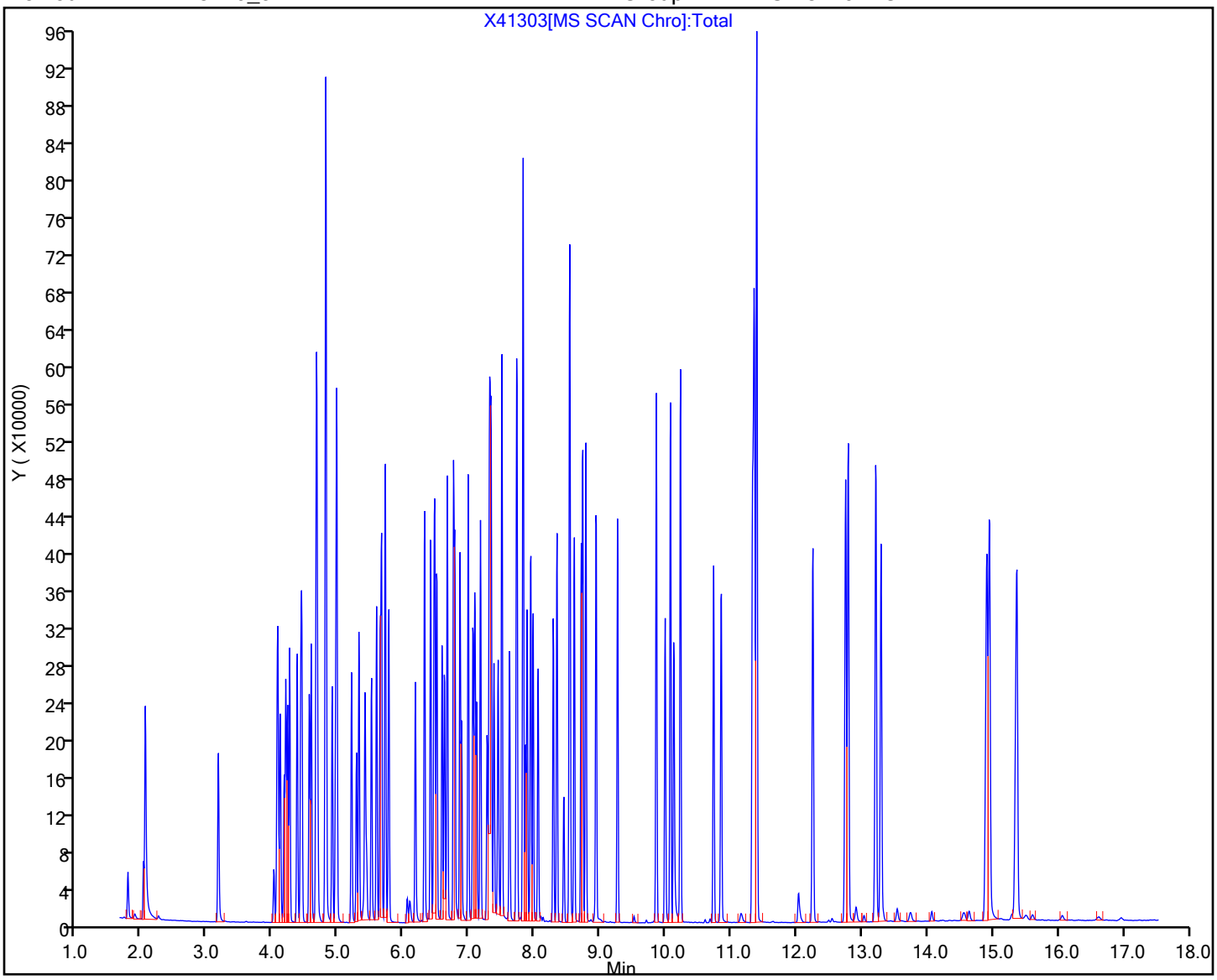
Reagents:

SV_BNA_L7_00004 Amount Added: 1.00 Units: mL

Report Date: 29-Apr-2022 10:08:58 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\X41303.d
Injection Date: 28-Apr-2022 21:29:30 Instrument ID: CBNAMS5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186566.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 08-Mar-2022 09:05:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142382-001
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 08-Mar-2022 12:48:17 Calib Date: 08-Mar-2022 12:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186575.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1630

First Level Reviewer: johnstonm1 Date: 08-Mar-2022 12:48:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
17 Pentachlorophenol_T	266	4.534	4.534	0.000	92	238919	NR	NR	
42 Benzidine_T	184	5.757	5.757	0.000	99	1798418	NR	NR	
136 DFTPP									
137 4,4'-DDD	235	6.169	6.169	0.000	78	1342		NR	
138 4,4'-DDE	246	6.198	6.198	0.000	55	674		NR	a
139 4,4'-DDT	235	6.410	6.410	0.000	98	775533	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

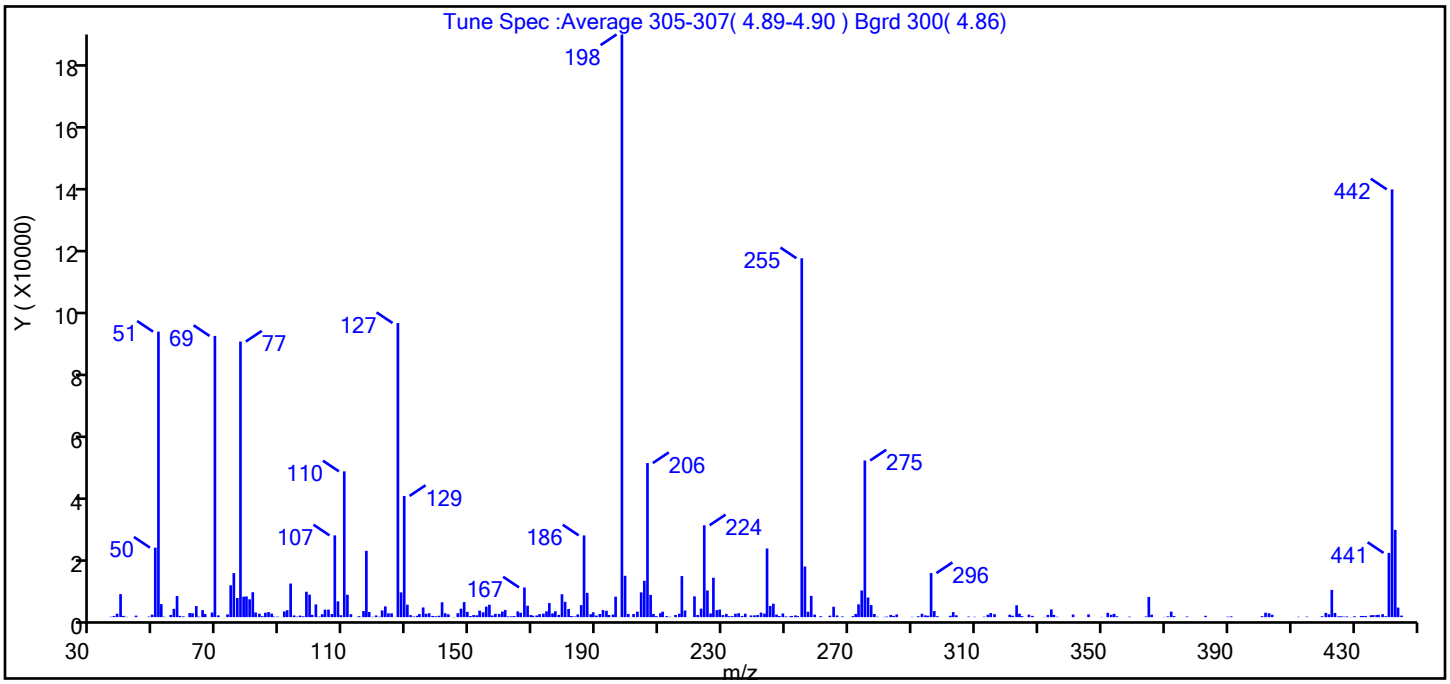
SMDFTP_CH_00034 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186566.D
Injection Date: 08-Mar-2022 09:05:30 Instrument ID: CBNAMS16
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_16 Limit Group: SV 8270E ICAL
Tune Method: DFTPP Method 8270E, BP 198

136 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.8 (1.6)
69	Present	48.3
70	<2% of m/z 69	0.3 (0.6)
197	<2% of m/z 198	0.0
199	5-9% of m/z 198	7.1
365	>1% of m/z 198	3.5
441	<150% of m/z 443	11.0 (73.6)
442	Present	73.4
443	15-24% of m/z 442	15.0 (20.4)

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186566.D\8270LVI_16.rslt\spectra.d
Injection Date: 08-Mar-2022 09:05:30
Spectrum: Tune Spec :Average 305-307(4.89-4.90) Bgrd 300(4.86)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 302

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	124	124.00	1216	204.00	7943	296.00	14129
37.00	385	125.00	1221	205.00	11649	297.00	1950
38.00	1096	127.00	94296	206.00	49400	298.00	309
39.00	7396	128.00	7939	207.00	7142	302.00	442
40.00	407	129.00	38856	208.00	1039	303.00	1609
41.00	110	130.00	4000	209.00	326	304.00	585
44.00	490	131.00	651	210.00	1244	308.00	189
48.00	185	132.00	199	211.00	1752	310.00	113
49.00	800	133.00	437	212.00	322	313.00	149
50.00	22280	134.00	989	213.00	120	314.00	766
51.00	91528	135.00	3107	215.00	712	315.00	1290
52.00	4179	136.00	1075	216.00	1089	316.00	956
53.00	138	137.00	1252	217.00	13174	321.00	779
55.00	728	138.00	390	218.00	2131	322.00	459
56.00	2673	139.00	284	221.00	6659	323.00	3812
57.00	6769	140.00	444	222.00	692	324.00	1117
58.00	414	141.00	4762	223.00	2725	325.00	329
59.00	247	142.00	1252	224.00	29456	327.00	800
61.00	1297	143.00	907	225.00	8543	328.00	410
62.00	1243	145.00	54	226.00	1183	332.00	56
63.00	3553	146.00	1258	227.00	12646	333.00	714
64.00	152	147.00	2711	228.00	2258	334.00	2489
65.00	2262	148.00	4825	229.00	2437	335.00	710
66.00	995	149.00	1691	230.00	665	336.00	123
68.00	1476	150.00	354	231.00	1042	341.00	834
69.00	90160	151.00	673	232.00	302	346.00	883
70.00	555	152.00	585	233.00	311	350.00	75
73.00	888	153.00	2092	234.00	1081	352.00	1388
74.00	10220	154.00	1561	235.00	1264	353.00	737
75.00	14128	155.00	3385	236.00	388	354.00	1057
76.00	6143	156.00	3982	237.00	1106	355.00	283
77.00	88360	157.00	527	239.00	546	359.00	166
78.00	6570	158.00	1068	240.00	579	364.00	210

Report Date: 08-Mar-2022 12:48:18 Chrom Revision: 2.3 16-Feb-2022 17:52:00
Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186566.D\8270LVI_16.rslt\spectra.d
Injection Date: 08-Mar-2022 09:05:30
Spectrum: Tune Spec :Average 305-307(4.89-4.90) Bgrd 300(4.86)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 302

m/z	Y	m/z	Y	m/z	Y	m/z	Y
79.00	6644	159.00	1023	241.00	668	365.00	6471
80.00	5732	160.00	1776	242.00	1450	366.00	794
81.00	7996	161.00	2308	243.00	1136	370.00	74
82.00	1492	162.00	241	244.00	22016	371.00	247
83.00	1105	163.00	256	245.00	3583	372.00	1773
84.00	305	164.00	347	246.00	4309	373.00	354
85.00	1418	165.00	1856	247.00	819	377.00	216
86.00	1624	166.00	1370	248.00	358	383.00	432
87.00	1142	167.00	9522	249.00	1172	390.00	156
88.00	185	168.00	3672	250.00	239	391.00	262
89.00	169	169.00	662	251.00	195	401.00	327
91.00	1822	170.00	471	252.00	384	402.00	1418
92.00	2221	171.00	533	253.00	555	403.00	1242
93.00	10769	172.00	965	254.00	330	404.00	759
94.00	547	173.00	1129	255.00	115072	412.00	118
95.00	157	174.00	1876	256.00	16230	415.00	176
96.00	499	175.00	4505	257.00	1732	420.00	296
97.00	264	176.00	1203	258.00	6834	421.00	1371
98.00	8142	177.00	1891	259.00	821	422.00	913
99.00	7228	178.00	732	261.00	294	423.00	8738
100.00	731	179.00	7345	264.00	467	424.00	1347
101.00	4077	180.00	4908	265.00	3331	425.00	254
102.00	170	181.00	2601	266.00	538	426.00	296
103.00	932	182.00	364	268.00	226	427.00	156
104.00	2422	183.00	216	271.00	338	428.00	234
105.00	2409	184.00	865	272.00	1004	429.00	57
106.00	997	185.00	3854	273.00	4096	430.00	292
107.00	26224	186.00	26208	274.00	8533	432.00	386
108.00	5057	187.00	7784	275.00	50232	433.00	365
109.00	625	188.00	919	276.00	6293	434.00	397
110.00	46736	189.00	1563	277.00	3878	435.00	597
111.00	7172	190.00	501	278.00	1008	436.00	656
112.00	956	191.00	1017	279.00	139	437.00	669
114.00	51	192.00	2250	281.00	78	438.00	747

Report Date: 08-Mar-2022 12:48:18 Chrom Revision: 2.3 16-Feb-2022 17:52:00
Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186566.D\8270LVI_16.rslt\spectra.d
Injection Date: 08-Mar-2022 09:05:30
Spectrum: Tune Spec :Average 305-307(4.89-4.90) Bgrd 300(4.86)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 302

m/z	Y	m/z	Y	m/z	Y	m/z	Y
115.00	319	193.00	2051	282.00	185	439.00	953
116.00	1955	194.00	691	283.00	718	440.00	308
117.00	21264	195.00	841	284.00	411	441.00	20592
118.00	1652	196.00	6563	285.00	869	442.00	137152
119.00	108	198.00	186816	290.00	102	443.00	27976
120.00	538	199.00	13262	292.00	306	444.00	3056
121.00	140	200.00	1024	293.00	1085	445.00	500
122.00	2146	202.00	1000	294.00	564		
123.00	3451	203.00	1762	295.00	461		

Breakdown Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186566.D
Injection Date: 08-Mar-2022 09:05:30 Instrument ID: CBNAMS16
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_16 Limit Group: SV 8270E ICAL

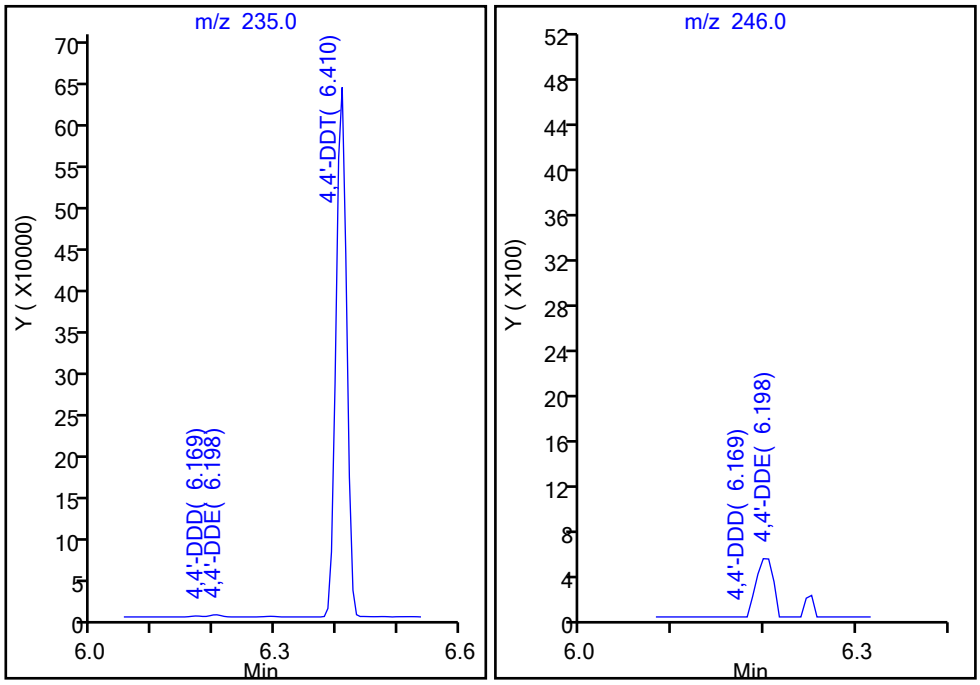
139 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

139 4,4'-DDT, Area = 775533
137 4,4'-DDD, Area = 1342
138 4,4'-DDE, Area = 674

%Breakdown: 0.26%, <= 20.00%
Passed



Peak Tailing Report

Eurofins Edison

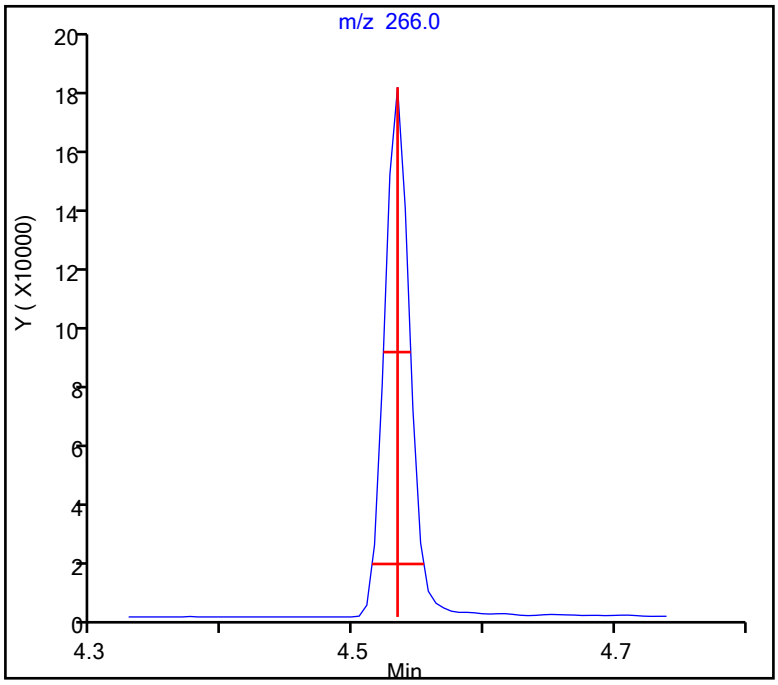
Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186566.D
Injection Date: 08-Mar-2022 09:05:30 Instrument ID: CBNAMS16
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_16 Limit Group: SV 8270E ICAL

17 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.020 (min.)
Front Width = 0.020 (min.)

Tailing Factor = 1.00, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins Edison

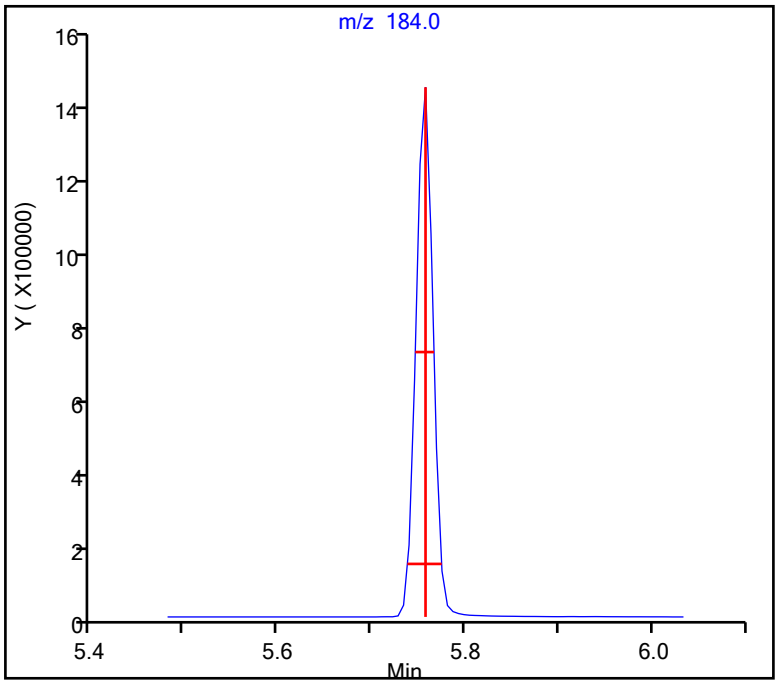
Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186566.D
Injection Date: 08-Mar-2022 09:05:30 Instrument ID: CBNAMS16
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_16 Limit Group: SV 8270E ICAL

42 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.019 (min.)

Tailing Factor = 0.89, Max. Tailing <= 2.00
Passed



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234654.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 10-Mar-2022 10:28:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142495-001
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2022 14:18:36 Calib Date: 10-Mar-2022 13:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234663.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: johnstonm1 Date: 10-Mar-2022 14:18:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Pentachlorophenol_T	266	4.418	4.418	0.000	91	62471	NR	NR	
56 Benzidine_T	184	5.664	5.664	0.000	99	478314	NR	NR	
124 DFTPP									
125 4,4'-DDE	246	5.820	5.820	0.000	1	152		NR	
126 4,4'-DDD	235	6.114	6.114	0.000	1	628		NR	
127 4,4'-DDT	235	6.318	6.318	0.000	97	167613	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

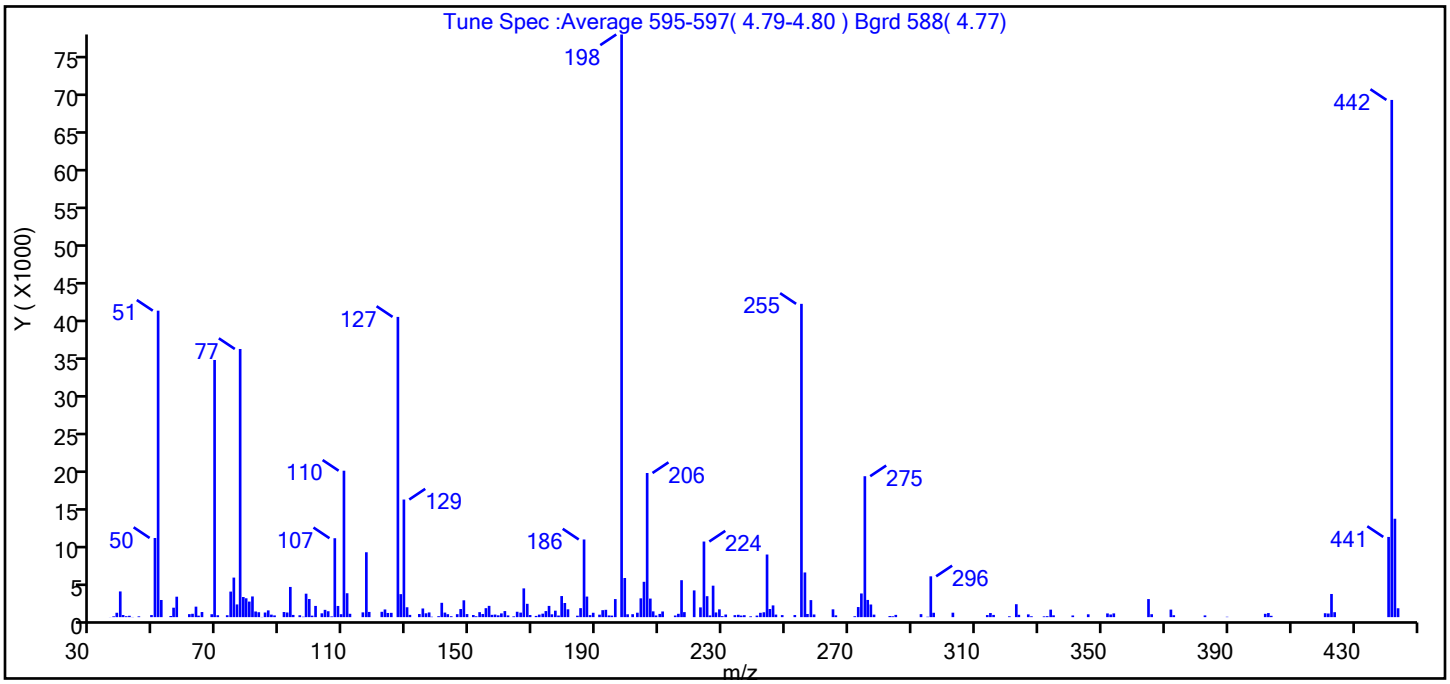
SMDFTP_CH_00034 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234654.D
Injection Date: 10-Mar-2022 10:28:30 Instrument ID: CBNAMS17
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Tune Method: DFTPP Method 8270E, BP 198

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.5 (1.1)
69	Present	44.1
70	<2% of m/z 69	0.3 (0.7)
197	<2% of m/z 198	0.0
199	5-9% of m/z 198	6.7
365	>1% of m/z 198	3.1
441	<150% of m/z 443	13.8 (81.5)
442	Present	88.8
443	15-24% of m/z 442	16.9 (19.0)

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234654.D\8270LVI_17.rslt\spectra.d
Injection Date: 10-Mar-2022 10:28:30
Spectrum: Tune Spec :Average 595-597(4.79-4.80) Bgrd 588(4.77)
Base Peak: 197.90
Minimum % Base Peak: 0
Number of Points: 224

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	12	109.00	390	179.00	2792	255.00	41472
37.00	109	110.00	19384	180.00	1871	256.00	5914
38.00	580	111.00	3165	181.00	1038	257.00	419
39.00	3403	112.00	443	184.00	193	258.00	2255
40.00	279	116.00	633	185.00	1192	259.00	353
41.00	122	117.00	8591	186.00	10282	265.00	1036
42.00	183	118.00	690	187.00	2723	266.00	238
43.00	22	122.00	707	188.00	266	272.00	122
45.00	105	123.00	1017	189.00	580	273.00	1336
49.00	273	124.00	553	191.00	326	274.00	3135
50.00	10479	125.00	570	192.00	923	275.00	18656
51.00	40568	127.00	39744	193.00	969	276.00	2279
52.00	2270	128.00	3045	194.00	225	277.00	1673
55.00	153	129.00	15569	195.00	203	278.00	333
56.00	1250	130.00	1308	196.00	2392	283.00	145
57.00	2707	131.00	297	198.00	77128	284.00	114
61.00	396	134.00	413	199.00	5181	285.00	300
62.00	445	135.00	1147	200.00	378	293.00	396
63.00	1389	136.00	510	201.00	392	295.00	54
64.00	197	137.00	623	203.00	588	296.00	5404
65.00	678	138.00	55	204.00	2491	297.00	579
68.00	386	140.00	127	205.00	4678	303.00	590
69.00	34040	141.00	1898	206.00	19080	314.00	274
70.00	251	142.00	603	207.00	2458	315.00	545
73.00	253	143.00	390	208.00	767	316.00	295
74.00	3382	144.00	121	209.00	221	321.00	112
75.00	5235	146.00	393	210.00	428	323.00	1713
76.00	1683	147.00	1072	211.00	752	324.00	310
77.00	35496	148.00	2229	215.00	215	327.00	367
78.00	2663	149.00	405	216.00	442	328.00	115
79.00	2497	151.00	280	217.00	4891	332.00	102
80.00	2060	152.00	113	218.00	664	333.00	128
81.00	2740	153.00	660	221.00	3539	334.00	993

Report Date: 10-Mar-2022 14:18:37 Chrom Revision: 2.3 16-Feb-2022 17:52:00
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234654.D\8270LVI_17.rslt\spectra.d
Injection Date: 10-Mar-2022 10:28:30
Spectrum: Tune Spec :Average 595-597(4.79-4.80) Bgrd 588(4.77)
Base Peak: 197.90
Minimum % Base Peak: 0
Number of Points: 224

m/z	Y	m/z	Y	m/z	Y	m/z	Y
82.00	748	154.00	418	223.00	1291	335.00	242
83.00	649	155.00	1188	224.00	10008	341.00	221
84.00	24	156.00	1492	225.00	2773	346.00	377
85.00	613	157.00	305	226.00	228	352.00	494
86.00	895	158.00	342	227.00	4166	353.00	352
87.00	330	159.00	239	228.00	622	354.00	497
88.00	228	160.00	498	229.00	1033	365.00	2392
91.00	678	161.00	804	230.00	134	366.00	390
92.00	616	162.00	231	231.00	346	372.00	998
93.00	3998	164.00	105	234.00	265	373.00	255
94.00	294	165.00	713	235.00	311	383.00	230
96.00	250	166.00	600	236.00	210	390.00	50
97.00	55	167.00	3807	237.00	262	402.00	441
98.00	3106	168.00	1765	239.00	108	403.00	542
99.00	2400	169.00	282	241.00	206	404.00	176
100.00	197	171.00	165	242.00	573	421.00	516
101.00	1484	172.00	337	243.00	646	422.00	480
103.00	508	173.00	459	244.00	8290	423.00	3066
104.00	966	174.00	805	245.00	1077	424.00	655
105.00	782	175.00	1486	246.00	1555	441.00	10618
106.00	95	176.00	374	247.00	336	442.00	68464
107.00	10447	177.00	855	249.00	270	443.00	13026
108.00	1480	178.00	215	253.00	278	444.00	1177

Breakdown Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234654.D
Injection Date: 10-Mar-2022 10:28:30 Instrument ID: CBNAMS17
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL

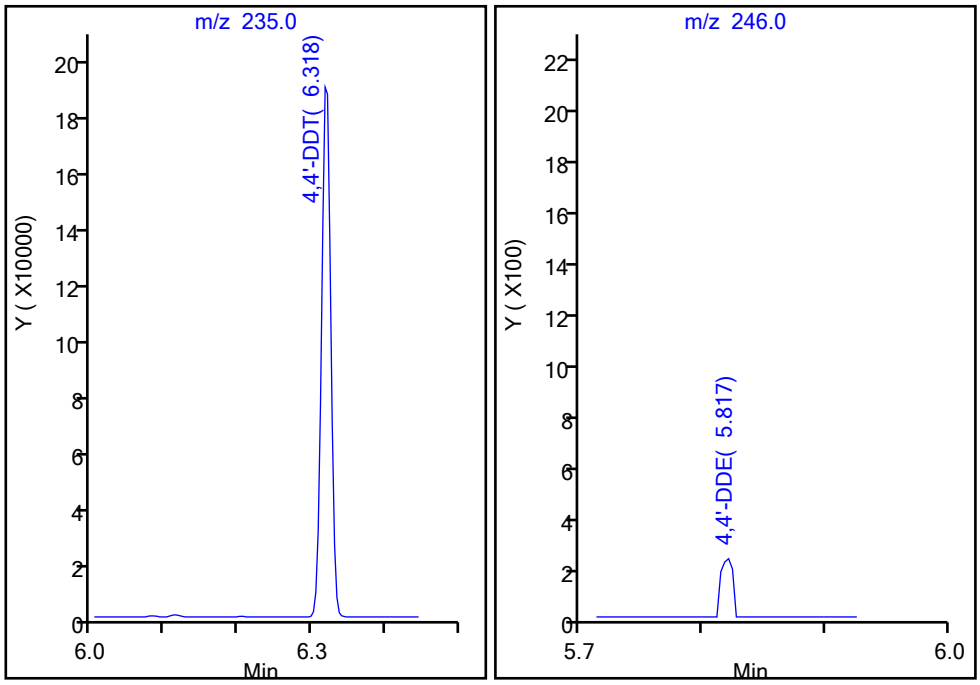
127 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 167613
126 4,4'-DDD, Area = 628
125 4,4'-DDE, Area = 152

%Breakdown: 0.46%, <= 20.00%
Passed



Peak Tailing Report

Eurofins Edison

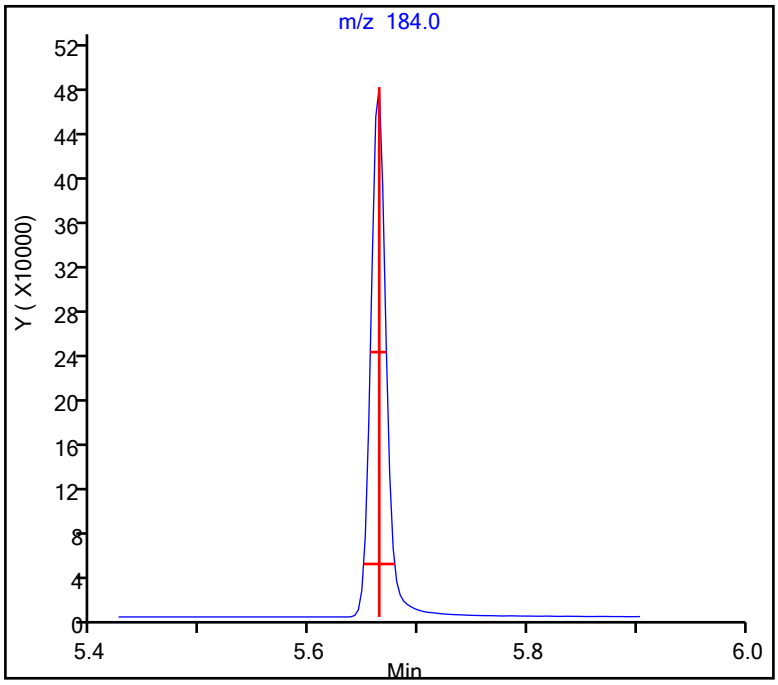
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234654.D
Injection Date: 10-Mar-2022 10:28:30 Instrument ID: CBNAMS17
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL

56 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.014 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 1.00, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins Edison

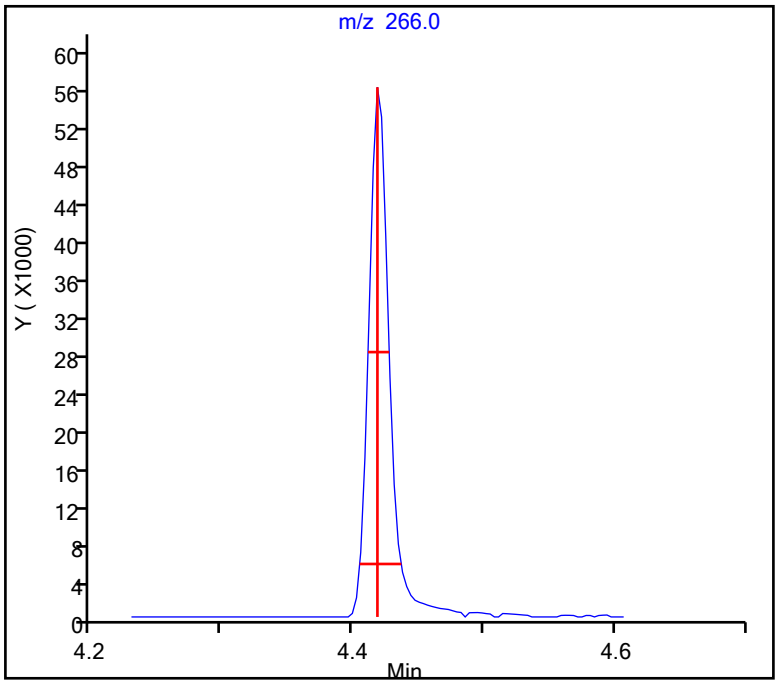
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234654.D
Injection Date: 10-Mar-2022 10:28:30 Instrument ID: CBNAMS17
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL

31 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.018 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 1.29, Max. Tailing <= 2.00
Passed



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40639.d
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 29-Mar-2022 09:43:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143349-001
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Mar-2022 14:10:02 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: johnstonm1 Date: 29-Mar-2022 14:10:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
30 Pentachlorophenol_T	266	4.757	4.757	0.000	90	42535	NR	NR	
124 DFTPP									
55 Benzidine_T	184	5.993	5.993	0.000	99	242061	NR	NR	
125 4,4'-DDE	246	6.134	6.134	0.000	1	89		NC	
126 4,4'-DDD	235	6.434	6.434	0.000	1	465		NC	
127 4,4'-DDT	235	6.651	6.651	0.000	99	110630	NC	NC	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
NC - Not Calibrated

Reagents:

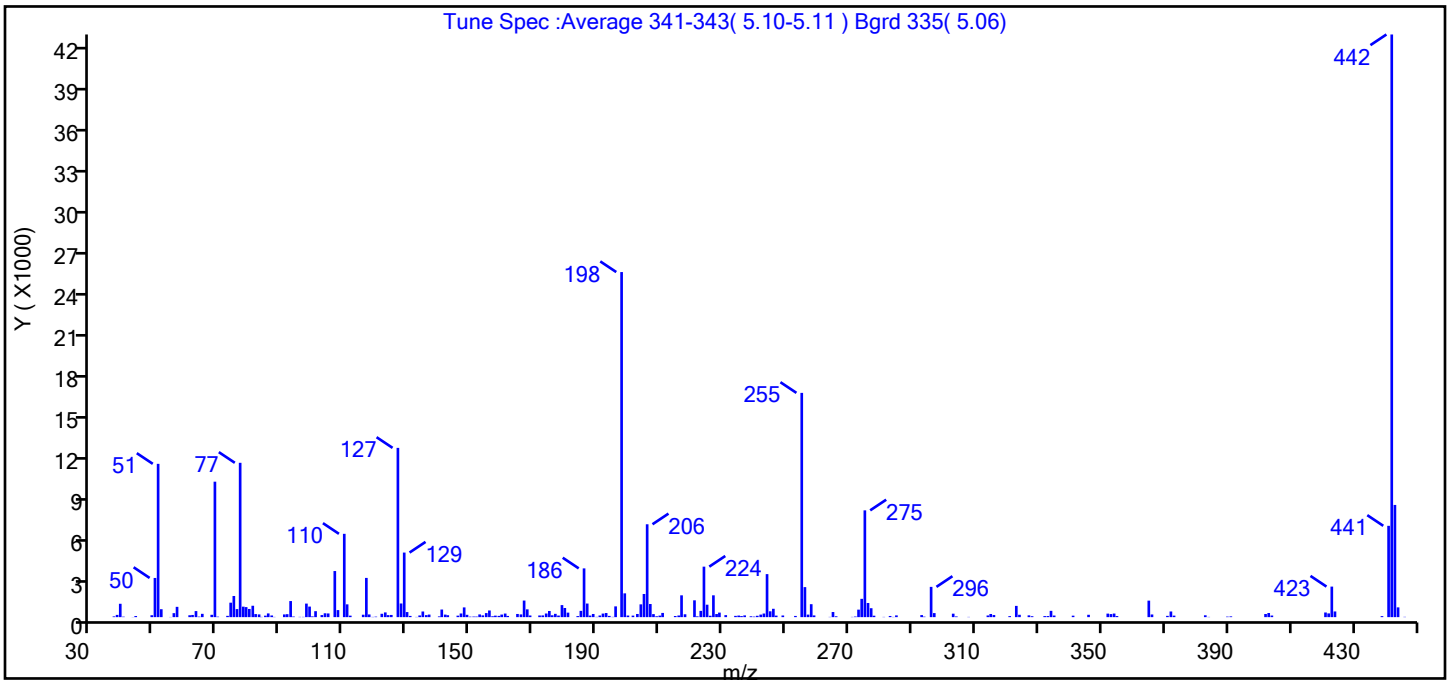
SMDFTP_CH_00033 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40639.d
Injection Date: 29-Mar-2022 09:43:30 Instrument ID: CBNAMS5
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Tune Method: DFTPP Method 8270E, BP 198

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.7 (1.7)
69	Present	39.3
70	<2% of m/z 69	0.1 (0.4)
197	<2% of m/z 198	0.0
199	5-9% of m/z 198	6.9
365	>1% of m/z 198	4.8
441	<150% of m/z 443	26.5 (81.4)
442	Present	168.8
443	15-24% of m/z 442	32.5 (19.3)

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40639.d\8270_5R.rslt\spectra.d
Injection Date: 29-Mar-2022 09:43:30
Spectrum: Tune Spec :Average 341-343(5.10-5.11) Bgrd 335(5.06)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 232

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	55	119.00	17	190.00	20	272.00	44
38.00	165	120.00	37	191.00	120	273.00	550
39.00	980	122.00	247	192.00	262	274.00	1342
40.00	35	123.00	346	193.00	302	275.00	7828
43.00	8	124.00	148	194.00	92	276.00	1037
44.00	82	125.00	161	195.00	19	277.00	655
49.00	139	127.00	12408	196.00	790	278.00	105
50.00	2873	128.00	1001	198.00	25296	281.00	17
51.00	11238	129.00	4734	199.00	1744	283.00	85
52.00	581	130.00	372	200.00	118	284.00	16
55.00	13	131.00	91	202.00	112	285.00	128
56.00	292	133.00	15	203.00	232	293.00	151
57.00	755	134.00	124	204.00	938	294.00	36
61.00	138	135.00	414	205.00	1698	296.00	2219
62.00	160	136.00	147	206.00	6808	297.00	297
63.00	444	137.00	188	207.00	962	303.00	254
64.00	37	140.00	54	208.00	222	304.00	50
65.00	243	141.00	558	209.00	63	308.00	17
68.00	172	142.00	187	210.00	112	314.00	122
69.00	9930	143.00	140	211.00	309	315.00	231
70.00	36	146.00	109	215.00	83	316.00	154
73.00	95	147.00	269	216.00	119	321.00	74
74.00	1060	148.00	714	217.00	1599	323.00	825
75.00	1551	149.00	171	218.00	210	324.00	173
76.00	591	150.00	36	221.00	1233	327.00	131
77.00	11314	151.00	42	222.00	56	328.00	68
78.00	769	152.00	41	223.00	459	332.00	76
79.00	735	153.00	199	224.00	3701	333.00	79
80.00	600	154.00	130	225.00	912	334.00	462
81.00	835	155.00	297	226.00	102	335.00	117
82.00	225	156.00	488	227.00	1600	341.00	108
83.00	200	157.00	64	228.00	228	346.00	173
84.00	18	158.00	110	229.00	333	352.00	259

Report Date: 29-Mar-2022 14:10:03 Chrom Revision: 2.3 18-Mar-2022 09:07:22
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40639.d\8270_5R.rslt\spectra.d
Injection Date: 29-Mar-2022 09:43:30
Spectrum: Tune Spec :Average 341-343(5.10-5.11) Bgrd 335(5.06)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 232

m/z	Y	m/z	Y	m/z	Y	m/z	Y
85.00	109	159.00	93	231.00	146	353.00	225
86.00	273	160.00	189	234.00	94	354.00	263
87.00	122	161.00	263	235.00	115	355.00	79
88.00	17	162.00	89	236.00	77	365.00	1210
91.00	199	165.00	233	237.00	128	366.00	196
92.00	217	166.00	201	239.00	63	371.00	94
93.00	1179	167.00	1216	240.00	40	372.00	415
94.00	45	168.00	571	241.00	100	373.00	111
96.00	19	169.00	121	242.00	187	383.00	136
97.00	19	172.00	122	243.00	265	384.00	17
98.00	993	173.00	127	244.00	3154	390.00	39
99.00	774	174.00	266	245.00	428	391.00	57
100.00	53	175.00	451	246.00	613	402.00	230
101.00	437	176.00	136	247.00	112	403.00	304
103.00	151	177.00	242	249.00	121	404.00	118
104.00	283	178.00	116	253.00	89	421.00	341
105.00	271	179.00	882	255.00	16440	422.00	274
107.00	3379	180.00	671	256.00	2201	423.00	2239
108.00	517	181.00	330	257.00	186	424.00	417
110.00	6108	184.00	77	258.00	950	439.00	74
111.00	938	185.00	460	259.00	126	441.00	6694
112.00	109	186.00	3574	264.00	18	442.00	42712
116.00	178	187.00	997	265.00	376	443.00	8225
117.00	2876	188.00	116	266.00	62	444.00	717
118.00	197	189.00	232	271.00	18	446.00	21

Breakdown Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40639.d
Injection Date: 29-Mar-2022 09:43:30 Instrument ID: CBNAMS5
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL

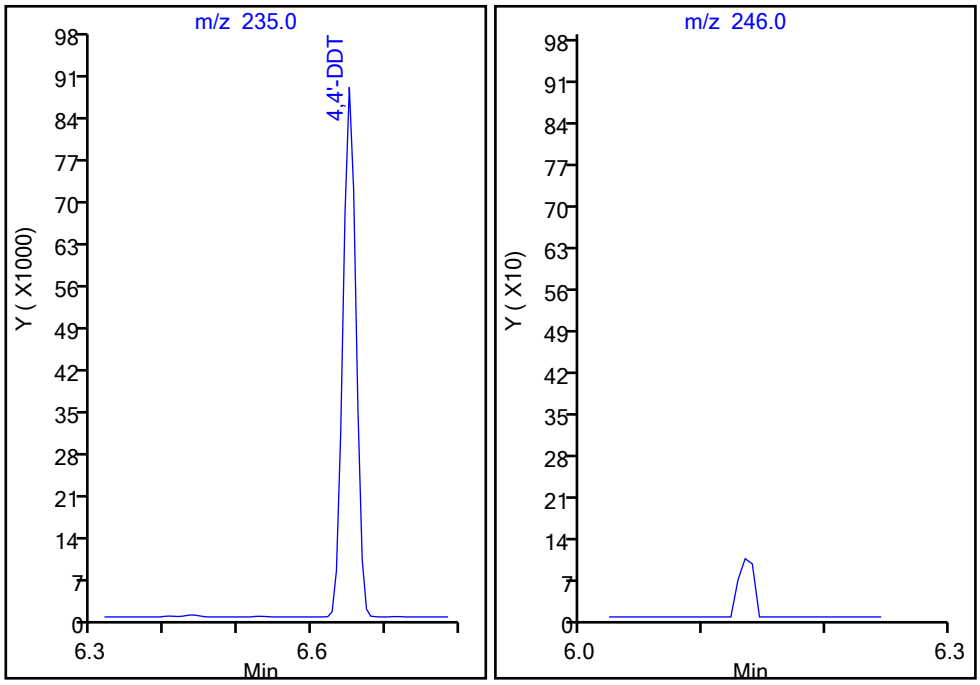
127 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 110630
126 4,4'-DDD, Area = 465
125 4,4'-DDE, Area = 89

%Breakdown: 0.50%, <= 20.00%
Passed



Peak Tailing Report

Eurofins Edison

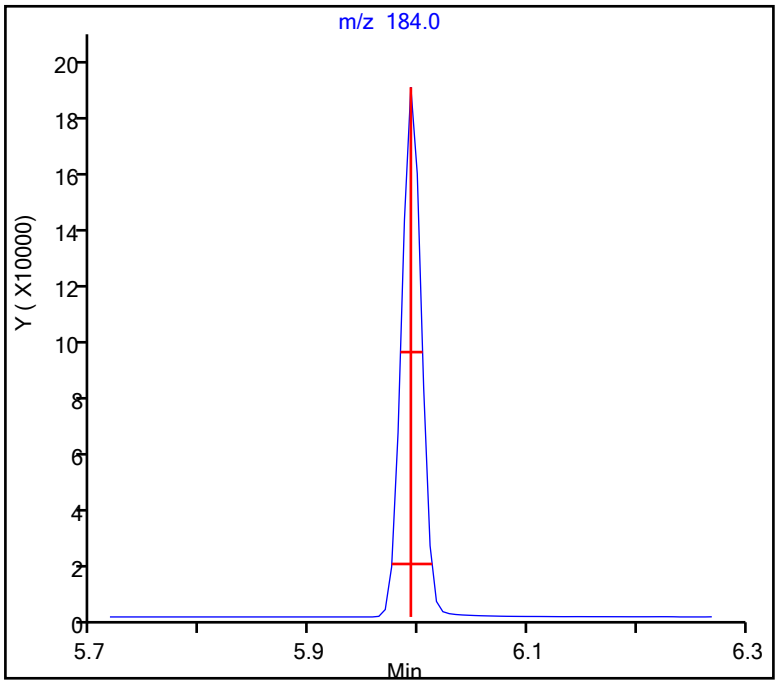
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40639.d
Injection Date: 29-Mar-2022 09:43:30 Instrument ID: CBNAMS5
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL

55 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.020 (min.)
Front Width = 0.018 (min.)

Tailing Factor = 1.11, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins Edison

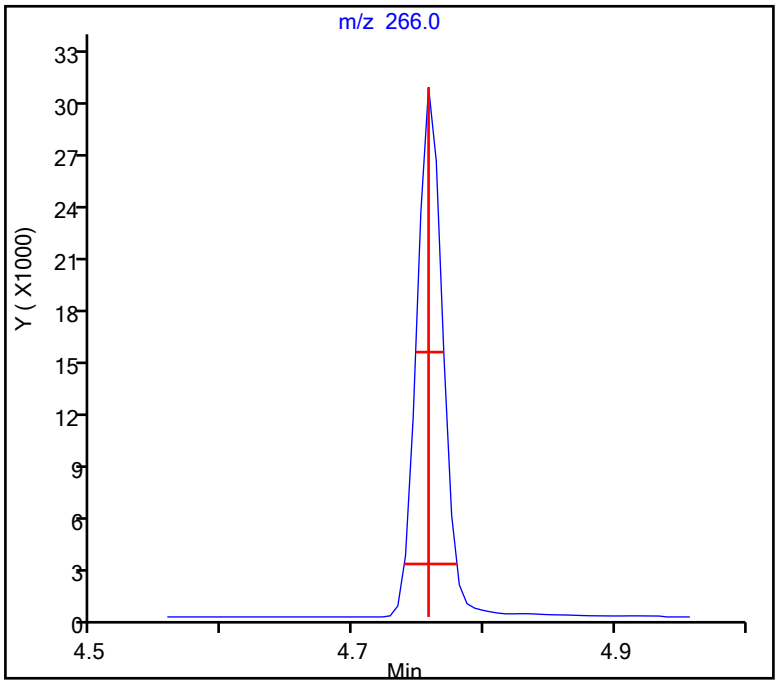
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40639.d
Injection Date: 29-Mar-2022 09:43:30 Instrument ID: CBNAMS5
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL

30 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.022 (min.)
Front Width = 0.019 (min.)

Tailing Factor = 1.16, Max. Tailing <= 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-841753/1-A

Matrix: Solid | Lab File ID: X41305.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/28/2022 10:05

Sample wt/vol: 15.00(g) | Date Analyzed: 04/28/2022 22:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 841837 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	12	U	330	12
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	330	10
108-60-1	2,2'-oxybis[1-chloropropane]	6.0	U	330	6.0
58-90-2	2,3,4,6-Tetrachlorophenol	22	U	330	22
95-95-4	2,4,5-Trichlorophenol	34	U	330	34
88-06-2	2,4,6-Trichlorophenol	42	U	130	42
120-83-2	2,4-Dichlorophenol	21	U	130	21
105-67-9	2,4-Dimethylphenol	39	U	330	39
51-28-5	2,4-Dinitrophenol	160	U	270	160
121-14-2	2,4-Dinitrotoluene	36	U	67	36
606-20-2	2,6-Dinitrotoluene	24	U	67	24
91-58-7	2-Chloronaphthalene	15	U	330	15
95-57-8	2-Chlorophenol	12	U	330	12
91-57-6	2-Methylnaphthalene	9.3	U	330	9.3
95-48-7	2-Methylphenol	12	U	330	12
88-74-4	2-Nitroaniline	25	U	330	25
88-75-5	2-Nitrophenol	33	U	330	33
91-94-1	3,3'-Dichlorobenzidine	50	U	130	50
99-09-2	3-Nitroaniline	79	U	330	79
534-52-1	4,6-Dinitro-2-methylphenol	140	U	270	140
101-55-3	4-Bromophenyl phenyl ether	13	U	330	13
59-50-7	4-Chloro-3-methylphenol	19	U	330	19
106-47-8	4-Chloroaniline	59	U	330	59
7005-72-3	4-Chlorophenyl phenyl ether	12	U	330	12
106-44-5	4-Methylphenol	21	U	330	21
100-01-6	4-Nitroaniline	38	U	330	38
100-02-7	4-Nitrophenol	54	U	670	54
83-32-9	Acenaphthene	9.4	U	330	9.4
208-96-8	Acenaphthylene	9.5	U	330	9.5
98-86-2	Acetophenone	16	U	330	16
120-12-7	Anthracene	10	U	330	10
1912-24-9	Atrazine	19	U	130	19
100-52-7	Benzaldehyde	55	U	330	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-841753/1-A

Matrix: Solid | Lab File ID: X41305.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/28/2022 10:05

Sample wt/vol: 15.00(g) | Date Analyzed: 04/28/2022 22:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 841837 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	12	U	33	12
50-32-8	Benzo[a]pyrene	8.8	U	33	8.8
205-99-2	Benzo[b]fluoranthene	8.6	U	33	8.6
191-24-2	Benzo[g,h,i]perylene	9.8	U	330	9.8
207-08-9	Benzo[k]fluoranthene	6.5	U	33	6.5
111-91-1	Bis(2-chloroethoxy)methane	26	U	330	26
111-44-4	Bis(2-chloroethyl)ether	12	U	33	12
117-81-7	Bis(2-ethylhexyl) phthalate	17	U	330	17
85-68-7	Butyl benzyl phthalate	16	U	330	16
105-60-2	Caprolactam	51	U	330	51
86-74-8	Carbazole	13	U	330	13
218-01-9	Chrysene	5.6	U	330	5.6
53-70-3	Dibenz(a,h)anthracene	14	U	33	14
132-64-9	Dibenzofuran	11	U	330	11
84-66-2	Diethyl phthalate	11	U	330	11
131-11-3	Dimethyl phthalate	75	U	330	75
84-74-2	Di-n-butyl phthalate	12	U	330	12
117-84-0	Di-n-octyl phthalate	18	U	330	18
206-44-0	Fluoranthene	12	U	330	12
86-73-7	Fluorene	9.7	U	330	9.7
118-74-1	Hexachlorobenzene	16	U	33	16
87-68-3	Hexachlorobutadiene	7.0	U	67	7.0
77-47-4	Hexachlorocyclopentadiene	29	U	330	29
67-72-1	Hexachloroethane	11	U	33	11
193-39-5	Indeno[1,2,3-cd]pyrene	13	U	33	13
78-59-1	Isophorone	96	U	130	96
91-20-3	Naphthalene	5.7	U	330	5.7
98-95-3	Nitrobenzene	18	U	33	18
621-64-7	N-Nitrosodi-n-propylamine	24	U	33	24
86-30-6	N-Nitrosodiphenylamine	27	U	330	27
87-86-5	Pentachlorophenol	68	U	270	68
85-01-8	Phenanthrene	5.8	U	330	5.8
108-95-2	Phenol	12	U	330	12

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-841753/1-A

Matrix: Solid | Lab File ID: X41305.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/28/2022 10:05

Sample wt/vol: 15.00(g) | Date Analyzed: 04/28/2022 22:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 841837 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
129-00-0	Pyrene	8.2	U	330	8.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	123		10-123
321-60-8	2-Fluorobiphenyl	101		22-122
367-12-4	2-Fluorophenol (Surr)	83		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	78		16-125
4165-62-2	Phenol-d5 (Surr)	82		23-120
1718-51-0	Terphenyl-d14 (Surr)	113		25-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\X41305.d
Lims ID: MB 460-841753/1-A
Client ID:
Sample Type: MB
Inject. Date: 28-Apr-2022 22:18:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144636-004
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Apr-2022 12:29:21 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1643

First Level Reviewer: eisam Date: 28-Apr-2022 22:52:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.166	3.160	0.006	95	70845	50.0	41.4	
$ 6 Phenol-d5	99	4.054	4.060	-0.006	96	83225	50.0	40.9	
* 14 1,4-Dichlorobenzene-d4	152	4.419	4.419	0.000	95	49586	40.0	40.0	
$ 26 Nitrobenzene-d5	82	4.948	4.954	-0.006	89	71782	50.0	39.1	
* 38 Naphthalene-d8	136	5.631	5.631	0.000	99	176941	40.0	40.0	
$ 51 2-Fluorobiphenyl	172	6.660	6.660	0.000	97	186744	50.0	50.4	
* 65 Acenaphthene-d10	164	7.295	7.301	-0.006	96	96374	40.0	40.0	
$ 80 2,4,6-Tribromophenol	330	8.042	8.048	-0.006	89	50256	50.0	61.6	
* 88 Phenanthrene-d10	188	8.701	8.707	-0.006	98	187991	40.0	40.0	
$ 96 Terphenyl-d14	244	10.224	10.225	-0.001	97	249154	50.0	56.4	
* 102 Chrysene-d12	240	11.348	11.360	-0.012	99	161299	40.0	40.0	
* 109 Perylene-d12	264	13.283	13.289	-0.006	99	180306	40.0	40.0	

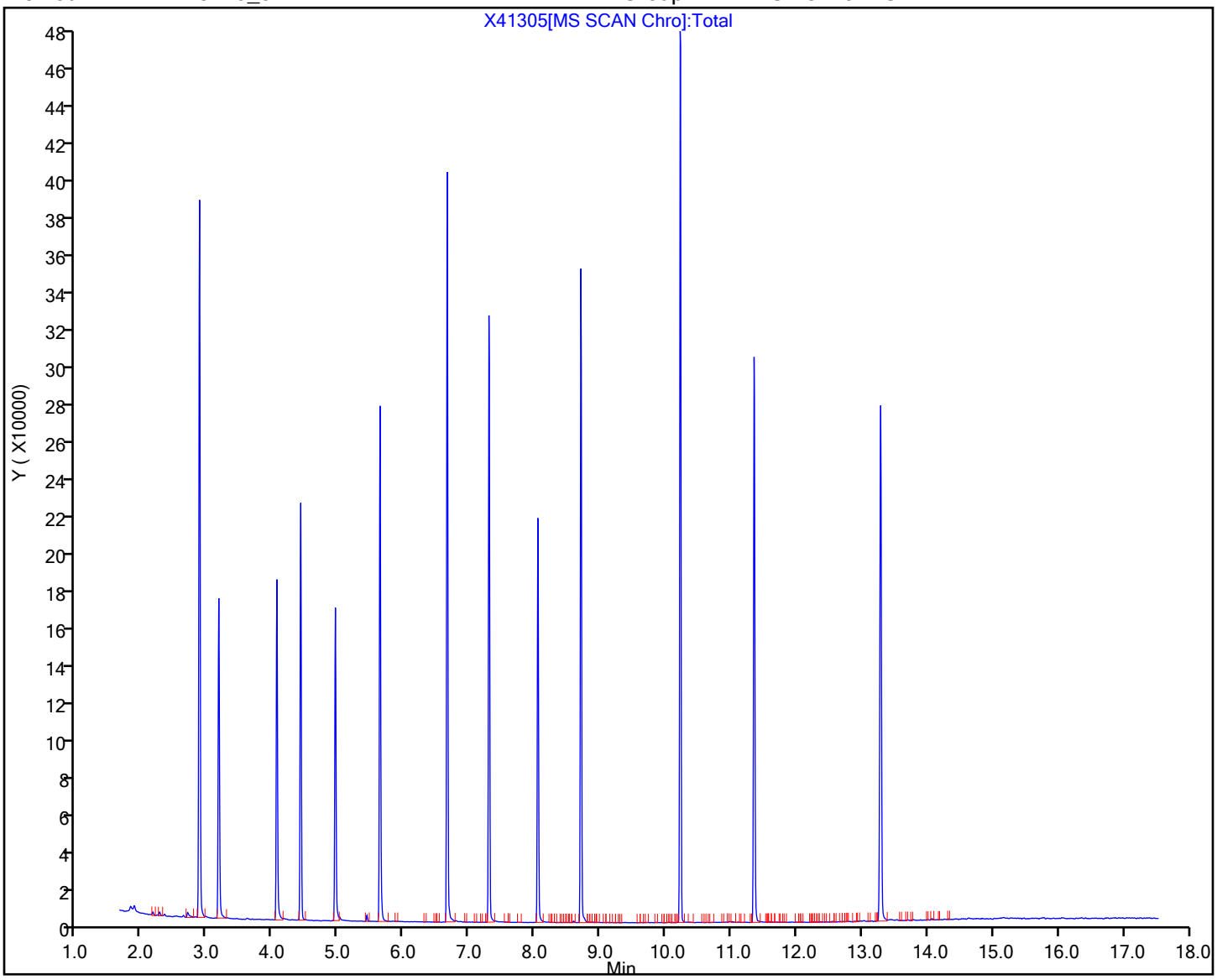
QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 29-Apr-2022 12:30:13 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\X41305.d				
Injection Date:	28-Apr-2022 22:18:30	Instrument ID:	CBNAMS5		
Lims ID:	MB 460-841753/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		



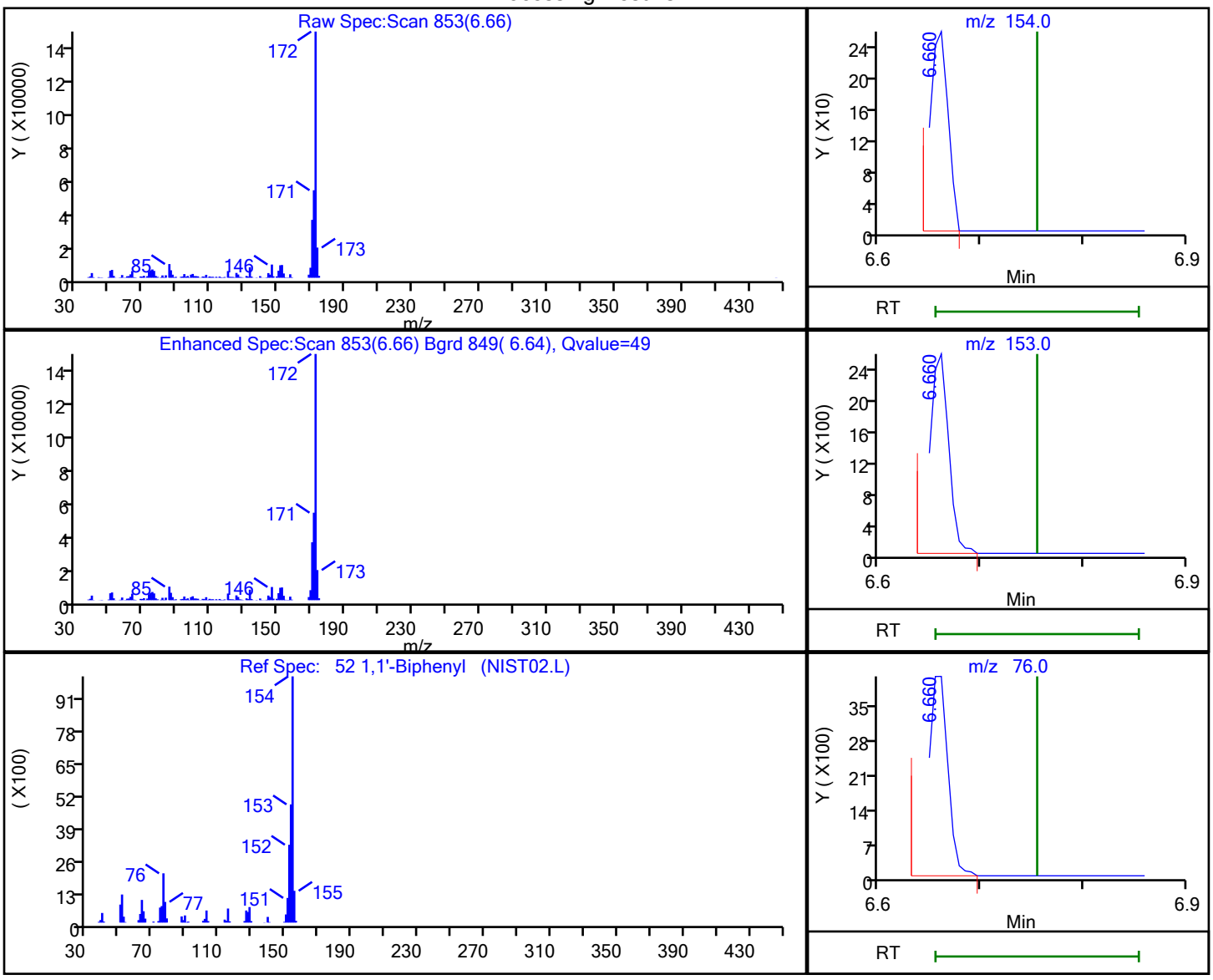
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\X41305.d
Injection Date: 28-Apr-2022 22:18:30 Instrument ID: CBNAMS5
Lims ID: MB 460-841753/1-A
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

52 1,1'-Biphenyl, CAS: 92-52-4

Processing Results



RT	Mass	Response	Amount
6.66	154.00	298	0.082407
6.66	153.00	3168	
6.66	76.00	5274	

Reviewer: eisam, 28-Apr-2022 22:51:46
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

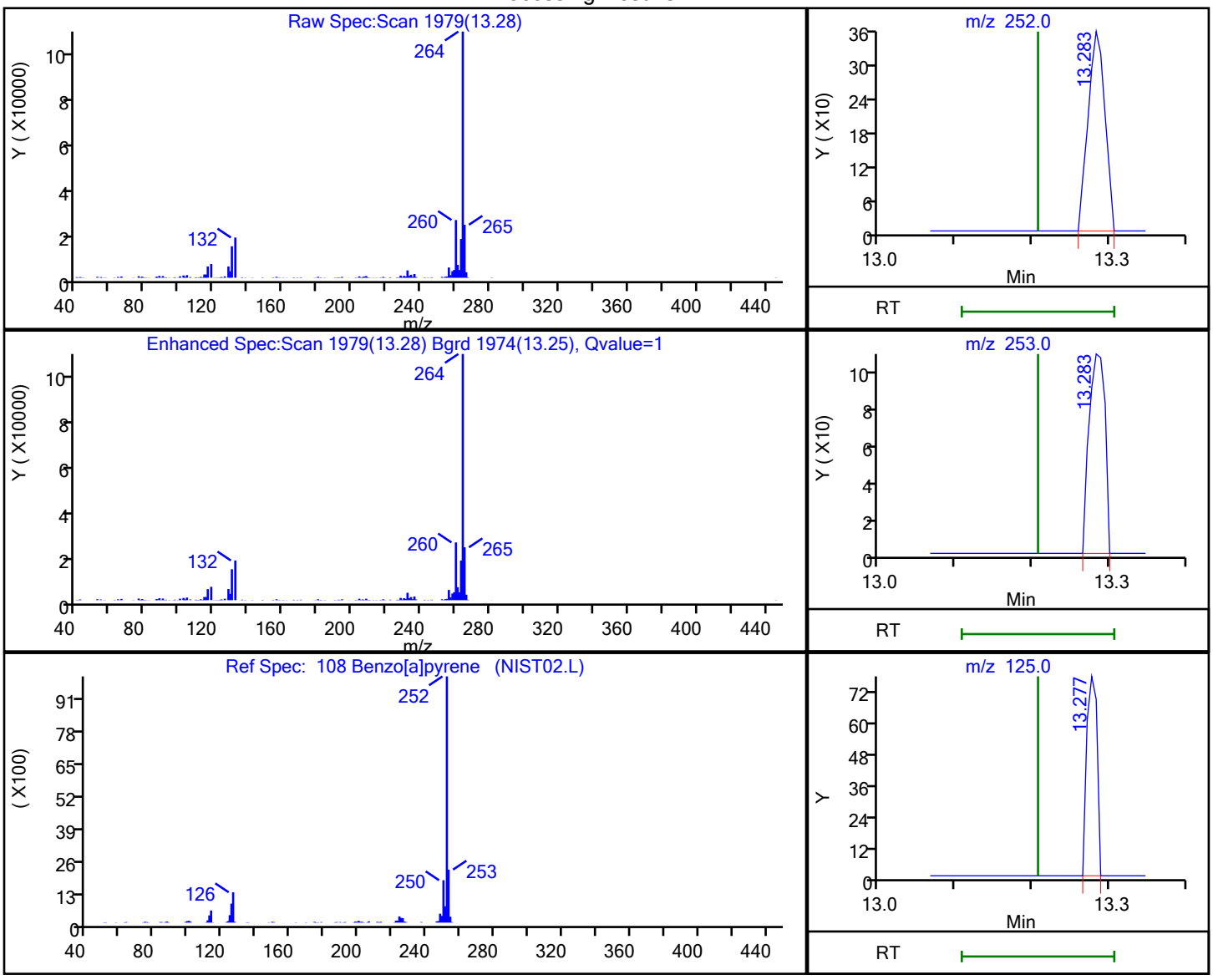
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\X41305.d				
Injection Date:	28-Apr-2022 22:18:30	Instrument ID:	CBNAMS5		
Lims ID:	MB 460-841753/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
13.28	252.00	546	0.114148
13.28	253.00	152	
13.28	125.00	73	

Reviewer: eisam, 28-Apr-2022 22:51:35

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-842255/1-A

Matrix: Solid | Lab File ID: A187691.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/01/2022 06:58

Sample wt/vol: 250(mL) | Date Analyzed: 05/01/2022 11:56

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 842273 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.00044	U	0.010	0.00044
95-95-4	2,4,5-Trichlorophenol	0.00088	U	0.010	0.00088
88-06-2	2,4,6-Trichlorophenol	0.00086	U	0.010	0.00086
15831-10-4	3 & 4 Methylphenol	0.00064	U	0.010	0.00064
121-14-2	2,4-Dinitrotoluene	0.0010	U	0.0020	0.0010
110-86-1	Pyridine	0.0019	U	0.010	0.0019
95-48-7	2-Methylphenol	0.00067	U	0.010	0.00067
118-74-1	Hexachlorobenzene	0.00040	U	0.0010	0.00040
87-68-3	Hexachlorobutadiene	0.00078	U	0.0020	0.00078
67-72-1	Hexachloroethane	0.00080	U	0.0020	0.00080
98-95-3	Nitrobenzene	0.00057	U	0.0010	0.00057
87-86-5	Pentachlorophenol	0.0014	U	0.030	0.0014

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	67		37-150
321-60-8	2-Fluorobiphenyl	84		46-139
367-12-4	2-Fluorophenol (Surr)	50		19-80
4165-60-0	Nitrobenzene-d5 (Surr)	88		52-137
4165-62-2	Phenol-d5 (Surr)	33		10-56
1718-51-0	Terphenyl-d14 (Surr)	89		22-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220501-144731.b\A187691.D
Lims ID: MB 460-842255/1-A
Client ID:
Sample Type: MB
Inject. Date: 01-May-2022 11:56:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144731-004
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20220501-144731.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 02-May-2022 13:49:14 Calib Date: 08-Mar-2022 12:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186575.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: khlungprakhons Date: 02-May-2022 13:49:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.057	3.051	0.006	90	450739	10.0	5.02	
$ 6 Phenol-d5	99	3.940	3.946	-0.006	0	392949	10.0	3.33	
* 14 1,4-Dichlorobenzene-d4	152	4.281	4.281	0.000	98	542587	8.00	8.00	
$ 27 Nitrobenzene-d5	82	4.810	4.810	0.000	92	1131582	10.0	8.82	
* 38 Naphthalene-d8	136	5.498	5.498	0.000	99	2260448	8.00	8.00	
$ 53 2-Fluorobiphenyl	172	6.528	6.528	0.000	97	1875117	10.0	8.44	
* 64 Acenaphthene-d10	164	7.157	7.163	-0.006	96	1223430	8.00	8.00	
77 1-Naphthylamine	143	7.898	7.821	0.070	63	88077		NC	
$ 80 2,4,6-Tribromophenol	330	7.898	7.904	-0.006	85	173241	10.0	6.75	
86 2-Naphthylamine	143	8.551	8.497	0.047	41	817		NC	
* 88 Phenanthrene-d10	188	8.551	8.551	0.000	99	2112438	8.00	8.00	
$ 97 Terphenyl-d14	244	10.051	10.057	-0.006	97	1722930	10.0	8.94	
* 103 Chrysene-d12	240	11.127	11.133	-0.006	98	1331028	8.00	8.00	
* 110 Perylene-d12	264	12.939	12.939	0.000	98	1241419	8.00	8.00	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00193 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-May-2022 13:49:14 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220501-144731.b\A187691.D

Injection Date: 01-May-2022 11:56:30 Instrument ID: CBNAMS16 Operator ID:

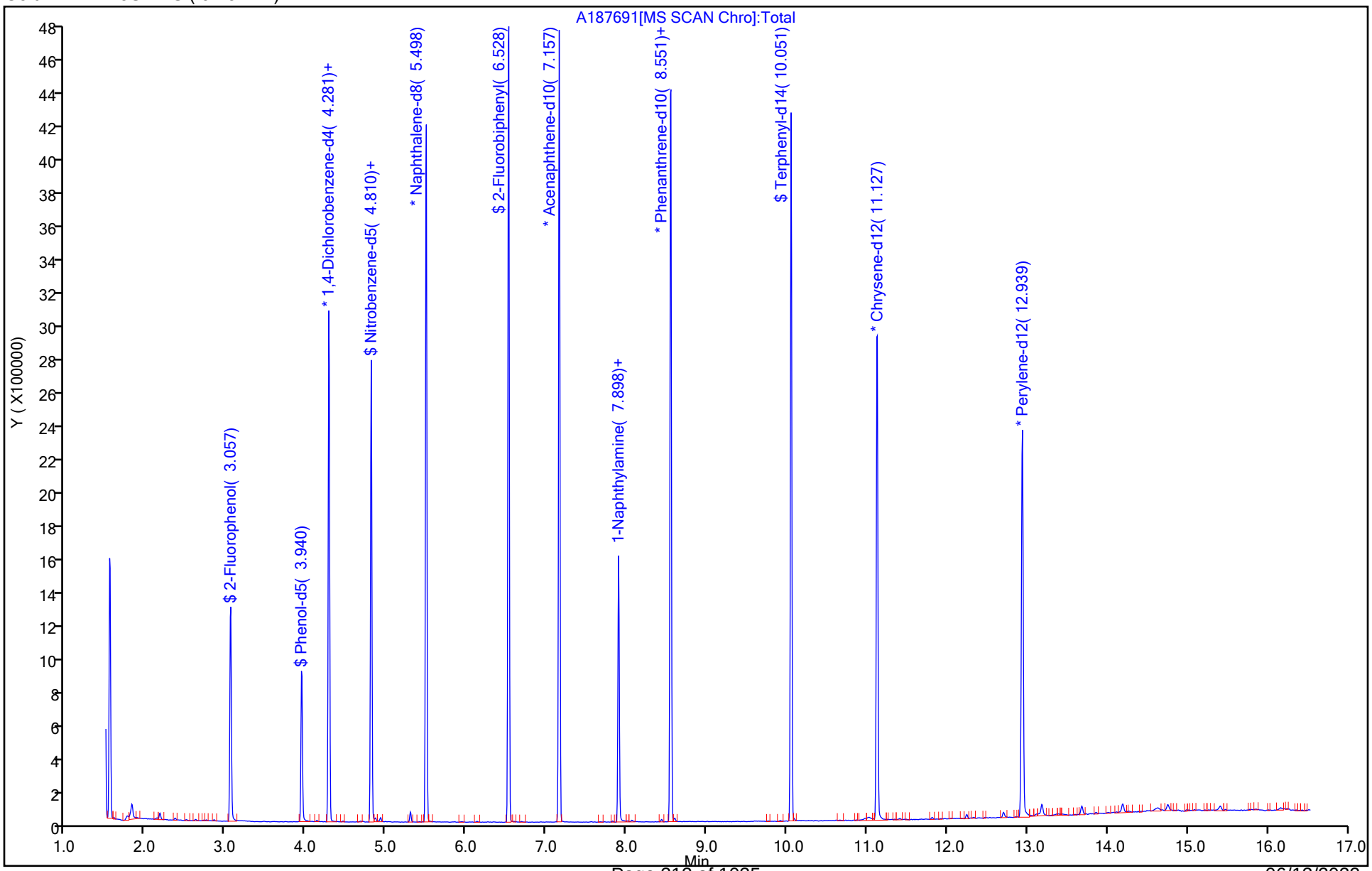
Lims ID: MB 460-842255/1-A Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8270LVI_16 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB 460-842221/1-B

Matrix: Solid (TCLP) | Lab File ID: M235886.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/01/2022 06:58

Sample wt/vol: 250(mL) | Date Analyzed: 05/01/2022 20:52

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 842277 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.00044	U	0.010	0.00044
95-95-4	2,4,5-Trichlorophenol	0.00088	U	0.010	0.00088
88-06-2	2,4,6-Trichlorophenol	0.00086	U	0.010	0.00086
15831-10-4	3 & 4 Methylphenol	0.00064	U	0.010	0.00064
121-14-2	2,4-Dinitrotoluene	0.0010	U	0.0020	0.0010
110-86-1	Pyridine	0.0019	U	0.010	0.0019
95-48-7	2-Methylphenol	0.00067	U	0.010	0.00067
118-74-1	Hexachlorobenzene	0.00040	U	0.0010	0.00040
87-68-3	Hexachlorobutadiene	0.00078	U	0.0020	0.00078
67-72-1	Hexachloroethane	0.00080	U	0.0020	0.00080
98-95-3	Nitrobenzene	0.00057	U	0.0010	0.00057
87-86-5	Pentachlorophenol	0.0014	U	0.030	0.0014

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	128		37-150
321-60-8	2-Fluorobiphenyl	105		46-139
367-12-4	2-Fluorophenol (Surr)	55		19-80
4165-60-0	Nitrobenzene-d5 (Surr)	109		52-137
4165-62-2	Phenol-d5 (Surr)	36		10-56
1718-51-0	Terphenyl-d14 (Surr)	107		22-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220501-144732.b\M235886.D
Lims ID: LB 460-842221/1-B
Client ID:
Sample Type: LB
Inject. Date: 01-May-2022 20:52:30 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144732-028
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20220501-144732.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 02-May-2022 14:15:04 Calib Date: 10-Mar-2022 13:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20220310-142495.b\M234663.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: khlungprakhons Date: 02-May-2022 14:15:04

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.967	2.957	0.010	93	103922	10.0	5.47	
$ 6 Phenol-d5	99	3.857	3.857	0.000	0	82957	10.0	3.57	
* 14 1,4-Dichlorobenzene-d4	152	4.189	4.190	-0.001	96	113325	8.00	8.00	
$ 27 Nitrobenzene-d5	82	4.725	4.726	-0.001	92	207849	10.0	10.9	
* 38 Naphthalene-d8	136	5.417	5.419	-0.002	99	420329	8.00	8.00	
$ 51 2-Fluorobiphenyl	172	6.460	6.464	-0.004	97	417813	10.0	10.5	
* 64 Acenaphthene-d10	164	7.098	7.103	-0.005	96	224777	8.00	8.00	
$ 80 2,4,6-Tribromophenol	330	7.848	7.854	-0.006	94	65402	10.0	12.8	
* 87 Phenanthrene-d10	188	8.502	8.506	-0.004	99	387809	8.00	8.00	
$ 96 Terphenyl-d14	244	10.018	10.020	-0.002	97	421236	10.0	10.7	
* 102 Chrysene-d12	240	11.119	11.123	-0.004	99	314804	8.00	8.00	
* 109 Perylene-d12	264	13.029	13.035	-0.006	98	338970	8.00	8.00	

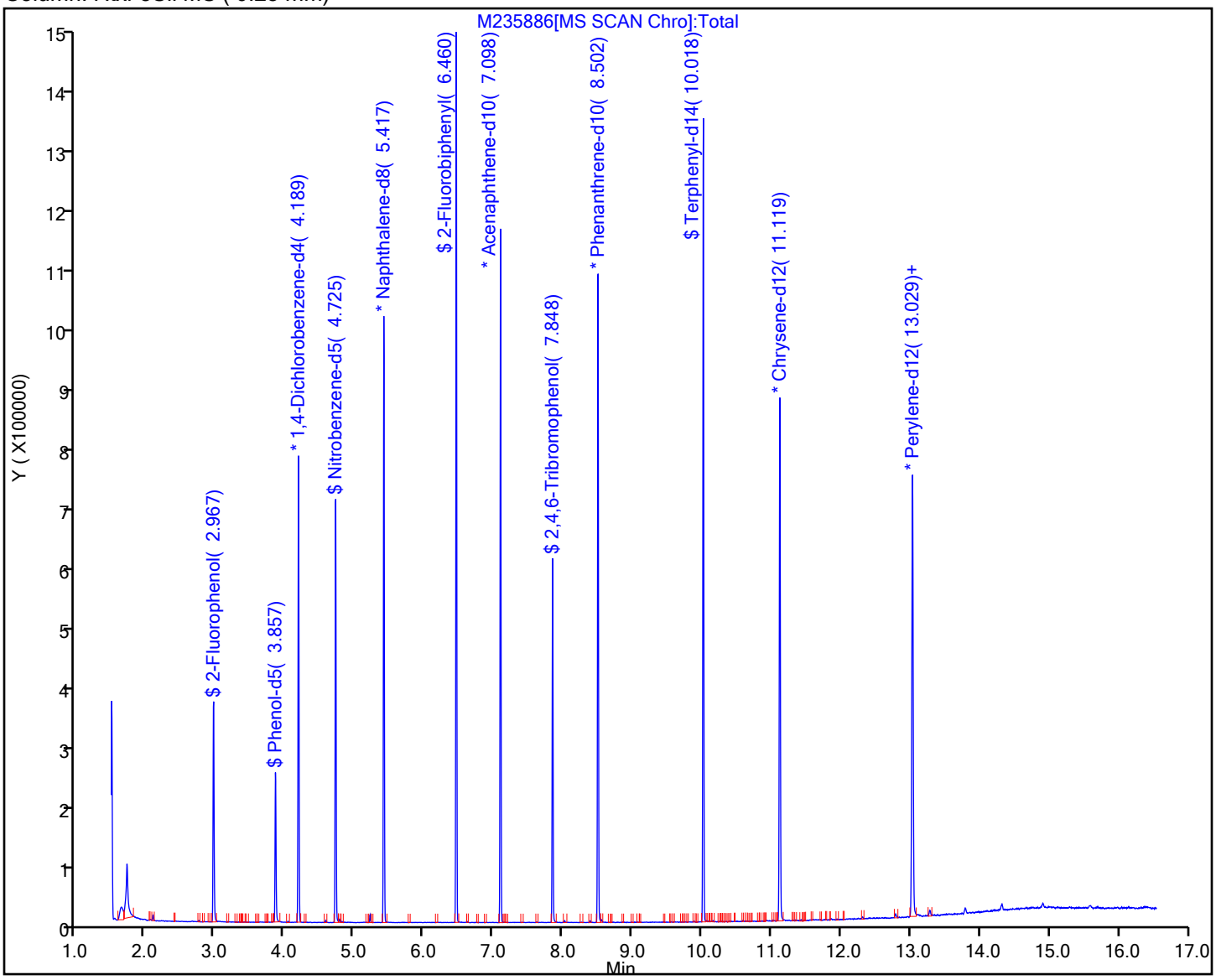
QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00193 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-May-2022 14:15:04 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20220501-144732.b\M235886.D
Injection Date: 01-May-2022 20:52:30 Instrument ID: CBNAMS17
Lims ID: LB 460-842221/1-B
Client ID:
Operator ID: ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-841753/2-A

Matrix: Solid | Lab File ID: X41306.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/28/2022 10:05

Sample wt/vol: 15.00(g) | Date Analyzed: 04/28/2022 22:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 841837 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	3680		330	12
95-94-3	1,2,4,5-Tetrachlorobenzene	3970		330	10
108-60-1	2,2'-oxybis[1-chloropropane]	2000		330	6.0
58-90-2	2,3,4,6-Tetrachlorophenol	4050		330	22
95-95-4	2,4,5-Trichlorophenol	3830		330	34
88-06-2	2,4,6-Trichlorophenol	3770		130	42
120-83-2	2,4-Dichlorophenol	3860		130	21
105-67-9	2,4-Dimethylphenol	3380		330	39
51-28-5	2,4-Dinitrophenol	6790		270	160
121-14-2	2,4-Dinitrotoluene	3770		67	36
606-20-2	2,6-Dinitrotoluene	3790		67	24
91-58-7	2-Chloronaphthalene	3660		330	15
95-57-8	2-Chlorophenol	3210		330	12
91-57-6	2-Methylnaphthalene	3370		330	9.3
95-48-7	2-Methylphenol	3030		330	12
88-74-4	2-Nitroaniline	3000		330	25
88-75-5	2-Nitrophenol	3470		330	33
91-94-1	3,3'-Dichlorobenzidine	1810		130	50
99-09-2	3-Nitroaniline	2490		330	79
534-52-1	4,6-Dinitro-2-methylphenol	7430		270	140
101-55-3	4-Bromophenyl phenyl ether	4160		330	13
59-50-7	4-Chloro-3-methylphenol	3420		330	19
106-47-8	4-Chloroaniline	1470		330	59
7005-72-3	4-Chlorophenyl phenyl ether	3780		330	12
106-44-5	4-Methylphenol	3000		330	21
100-01-6	4-Nitroaniline	3120		330	38
100-02-7	4-Nitrophenol	5670		670	54
83-32-9	Acenaphthene	3140		330	9.4
208-96-8	Acenaphthylene	3430		330	9.5
98-86-2	Acetophenone	2840		330	16
120-12-7	Anthracene	3630		330	10
1912-24-9	Atrazine	2220		130	19
100-52-7	Benzaldehyde	1310		330	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-841753/2-A

Matrix: Solid | Lab File ID: X41306.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/28/2022 10:05

Sample wt/vol: 15.00(g) | Date Analyzed: 04/28/2022 22:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 841837 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	3670		33	12
50-32-8	Benzo[a]pyrene	3400		33	8.8
205-99-2	Benzo[b]fluoranthene	3800		33	8.6
191-24-2	Benzo[g,h,i]perylene	3680		330	9.8
207-08-9	Benzo[k]fluoranthene	3780		33	6.5
111-91-1	Bis(2-chloroethoxy)methane	2980		330	26
111-44-4	Bis(2-chloroethyl)ether	2820		33	12
117-81-7	Bis(2-ethylhexyl) phthalate	3710		330	17
85-68-7	Butyl benzyl phthalate	3760		330	16
105-60-2	Caprolactam	2190		330	51
86-74-8	Carbazole	3580		330	13
218-01-9	Chrysene	3620		330	5.6
53-70-3	Dibenz(a,h)anthracene	3820		33	14
132-64-9	Dibenzofuran	3730		330	11
84-66-2	Diethyl phthalate	3660		330	11
131-11-3	Dimethyl phthalate	3770		330	75
84-74-2	Di-n-butyl phthalate	3590		330	12
117-84-0	Di-n-octyl phthalate	3720		330	18
206-44-0	Fluoranthene	3550		330	12
86-73-7	Fluorene	3730		330	9.7
118-74-1	Hexachlorobenzene	4210		33	16
87-68-3	Hexachlorobutadiene	3840		67	7.0
77-47-4	Hexachlorocyclopentadiene	3430		330	29
67-72-1	Hexachloroethane	2980		33	11
193-39-5	Indeno[1,2,3-cd]pyrene	3950		33	13
78-59-1	Isophorone	2940		130	96
91-20-3	Naphthalene	3440		330	5.7
98-95-3	Nitrobenzene	3110		33	18
621-64-7	N-Nitrosodi-n-propylamine	2690		33	24
86-30-6	N-Nitrosodiphenylamine	3790		330	27
87-86-5	Pentachlorophenol	7530		270	68
85-01-8	Phenanthrene	3630		330	5.8
108-95-2	Phenol	2910		330	12

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-841753/2-A

Matrix: Solid | Lab File ID: X41306.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/28/2022 10:05

Sample wt/vol: 15.00(g) | Date Analyzed: 04/28/2022 22:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 841837 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
129-00-0	Pyrene	3970		330	8.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	125	S1+	10-123
321-60-8	2-Fluorobiphenyl	100		22-122
367-12-4	2-Fluorophenol (Surr)	83		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	82		16-125
4165-62-2	Phenol-d5 (Surr)	81		23-120
1718-51-0	Terphenyl-d14 (Surr)	114		25-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\X41306.d
Lims ID: LCS 460-841753/2-A
Client ID:
Sample Type: LCS
Inject. Date: 28-Apr-2022 22:41:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144636-005
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Apr-2022 12:30:59 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1643

First Level Reviewer: eisam Date: 29-Apr-2022 00:02:37

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.790	1.778	0.012	94	15147	50.0	25.2	
	2 N-Nitrosodimethylamine	74	2.025	2.019	0.006	73	34308	50.0	36.7	
	3 Pyridine	79	2.054	2.043	0.011	87	82716	100.0	56.5	
$	4 2-Fluorophenol	112	3.166	3.160	0.006	95	70970	50.0	41.3	
	5 Benzaldehyde	77	4.007	4.007	0.000	88	28095	20.0	19.6	E
$	6 Phenol-d5	99	4.060	4.060	0.000	93	82749	50.0	40.5	
	7 Phenol	94	4.072	4.072	0.000	97	89725	50.0	43.6	
	8 Aniline	93	4.107	4.107	0.000	1	78976	50.0	32.0	
	9 Bis(2-chloroethyl)ether	93	4.166	4.166	0.000	93	62020	50.0	42.2	
	11 2-Chlorophenol	128	4.219	4.219	0.000	89	84661	50.0	48.1	
	12 n-Decane	43	4.248	4.249	-0.001	89	68788	50.0	27.7	
	13 1,3-Dichlorobenzene	146	4.366	4.366	0.000	97	91973	50.0	48.6	
*	14 1,4-Dichlorobenzene-d4	152	4.419	4.419	0.000	95	49841	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.437	4.437	0.000	95	94391	50.0	49.3	
	16 Benzyl alcohol	108	4.548	4.549	-0.001	90	47069	50.0	43.7	
	17 1,2-Dichlorobenzene	146	4.578	4.578	0.000	91	88812	50.0	48.9	
	18 2-Methylphenol	108	4.654	4.654	0.000	85	67238	50.0	45.5	
	19 2,2'-oxybis[1-chloropropane]	45	4.672	4.672	0.000	89	92340	50.0	30.0	a
	20 N-Methylaniline	106	4.795	4.796	-0.001	75	118461	50.0	45.6	
	22 N-Nitrosodi-n-propylamine	70	4.801	4.801	0.000	65	49485	50.0	40.3	
	24 4-Methylphenol	108	4.801	4.801	0.000	74	74689	50.0	45.0	
	23 3 & 4 Methylphenol	108	4.801	4.801	0.000	71	74689	50.0	45.0	
	21 Acetophenone	105	4.807	4.807	0.000	84	100431	50.0	42.7	
	25 Hexachloroethane	117	4.901	4.901	0.000	88	32347	50.0	44.7	
$	26 Nitrobenzene-d5	82	4.954	4.954	0.000	90	74582	50.0	41.1	
	27 n,n'-Dimethylaniline	120	4.966	4.966	0.000	88	122265	50.0	47.8	
	28 Nitrobenzene	123	4.972	4.972	0.000	87	37033	50.0	46.6	
	31 Isophorone	82	5.195	5.196	-0.001	96	128305	50.0	44.2	
	32 2-Nitrophenol	139	5.272	5.272	0.000	92	44895	50.0	52.1	
	33 2,4-Dimethylphenol	122	5.307	5.307	0.000	59	71337	50.0	50.7	
	34 Bis(2-chloroethoxy)methane	93	5.401	5.401	0.000	98	78073	50.0	44.7	
	35 Benzoic acid	122	5.413	5.419	-0.006	67	34637	50.0	38.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
36 2,4-Dichlorophenol	162	5.501	5.501	0.000	96	73616	50.0	57.9	
37 1,2,4-Trichlorobenzene	180	5.578	5.578	0.000	92	80484	50.0	57.3	
* 38 Naphthalene-d8	136	5.631	5.631	0.000	98	174745	40.0	40.0	
39 Naphthalene	128	5.654	5.654	0.000	99	231289	50.0	51.7	
40 4-Chloroaniline	127	5.707	5.707	0.000	75	42949	50.0	22.0	
130 2,6-Dichlorophenol	162	5.713	5.713	0.000	96	70385	50.0	56.1	
41 Hexachlorobutadiene	225	5.766	5.766	0.000	95	51510	50.0	57.6	
42 Caprolactam	113	6.048	6.048	0.000	89	11270	20.0	32.8	EM
43 4-Chloro-3-methylphenol	107	6.172	6.172	0.000	93	65016	50.0	51.4	
44 2-Methylnaphthalene	142	6.313	6.313	0.000	73	151954	50.0	50.5	
45 1-Methylnaphthalene	142	6.407	6.407	0.000	81	147851	50.0	53.7	
46 Hexachlorocyclopentadiene	237	6.454	6.454	0.000	87	60622	50.0	51.5	
47 1,2,4,5-Tetrachlorobenzene	216	6.472	6.472	0.000	99	88484	50.0	59.5	
48 2-tertbutyl-4-methylphenol	149	6.501	6.501	0.000	75	103919	50.0	56.2	
49 2,4,6-Trichlorophenol	196	6.584	6.578	0.006	92	56077	50.0	56.6	
50 2,4,5-Trichlorophenol	196	6.619	6.619	0.000	96	61472	50.0	57.4	
$ 51 2-Fluorobiphenyl	172	6.660	6.660	0.000	91	177992	50.0	49.8	
52 1,1'-Biphenyl	154	6.754	6.754	0.000	95	192746	50.0	55.2	
53 2-Chloronaphthalene	162	6.778	6.772	0.006	97	150406	50.0	55.0	
54 Phenyl ether	170	6.854	6.854	0.000	81	113542	50.0	59.1	
56 2-Nitroaniline	65	6.878	6.878	0.000	96	49558	50.0	45.1	
57 1,3-Dimethylnaphthalene	156	6.978	6.978	0.000	89	123596	50.0	56.9	
58 Dimethyl phthalate	163	7.048	7.048	0.000	99	174368	50.0	56.5	
59 Coumarin	146	7.078	7.078	0.000	77	56648	50.0	51.7	
60 2,6-Dinitrotoluene	165	7.107	7.107	0.000	39	38781	50.0	56.8	
61 Acenaphthylene	152	7.166	7.166	0.000	97	227885	50.0	51.5	
64 3-Nitroaniline	138	7.266	7.266	0.000	96	30204	50.0	37.4	
* 65 Acenaphthene-d10	164	7.301	7.301	0.000	94	92986	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.313	7.313	0.000	93	147549	50.0	59.6	
67 Acenaphthene	154	7.331	7.331	0.000	93	133765	50.0	47.1	
68 2,4-Dinitrophenol	184	7.372	7.372	0.000	73	45857	100.0	101.9	
69 4-Nitrophenol	65	7.436	7.437	-0.001	89	50285	100.0	85.1	
70 2,4-Dinitrotoluene	165	7.489	7.490	-0.001	60	52523	50.0	56.6	
71 Dibenzofuran	168	7.495	7.495	0.000	91	211815	50.0	56.0	
72 2,3,4,6-Tetrachlorophenol	232	7.613	7.613	0.000	97	53986	50.0	60.8	
73 Diethyl phthalate	149	7.713	7.713	0.000	97	171617	50.0	54.9	
75 Fluorene	166	7.819	7.819	0.000	81	169196	50.0	55.9	
74 4-Chlorophenyl phenyl ether	204	7.819	7.819	0.000	73	84677	50.0	56.8	
76 4-Nitroaniline	138	7.854	7.854	0.000	36	37907	50.0	46.8	
77 4,6-Dinitro-2-methylphenol	198	7.878	7.878	0.000	80	62152	100.0	111.4	
78 N-Nitrosodiphenylamine	169	7.936	7.937	-0.001	97	127995	50.0	56.8	
79 1,2-Diphenylhydrazine	77	7.972	7.972	0.000	93	138266	50.0	44.0	
$ 80 2,4,6-Tribromophenol	330	8.048	8.048	0.000	88	49257	50.0	62.5	
81 4-Bromophenyl phenyl ether	248	8.278	8.278	0.000	94	61600	50.0	62.4	
83 Hexachlorobenzene	284	8.336	8.337	-0.001	91	81514	50.0	63.1	
84 Atrazine	200	8.442	8.442	0.000	91	30216	20.0	33.3	E
85 Pentachlorophenol	266	8.525	8.525	0.000	90	88061	100.0	113.0	
86 Pentachloronitrobenzene	237	8.536	8.537	-0.001	72	27525	50.0	55.4	
87 n-Octadecane	57	8.601	8.601	0.000	97	93382	50.0	41.5	
* 88 Phenanthrene-d10	188	8.707	8.707	0.000	98	176306	40.0	40.0	
89 Phenanthrene	178	8.730	8.731	-0.001	97	249626	50.0	54.4	
90 Anthracene	178	8.778	8.778	0.000	98	255568	50.0	54.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Carbazole	167	8.930	8.931	-0.001	82	231050	50.0	53.6	
92 Di-n-butyl phthalate	149	9.260	9.260	0.000	99	286308	50.0	53.8	
93 Fluoranthene	202	9.854	9.854	0.000	98	272967	50.0	53.3	
94 Benzidine	184	9.989	9.989	0.000	99	80714	50.0	26.2	
95 Pyrene	202	10.072	10.072	0.000	98	279934	50.0	59.5	
82 Bisphenol-A	213	10.119	10.119	0.000	92	62410	25.0	26.9	
$ 96 Terphenyl-d14	244	10.219	10.225	-0.006	97	237278	50.0	56.8	
97 Butyl benzyl phthalate	149	10.730	10.730	0.000	95	112288	50.0	56.5	
99 Carbamazepine	193	10.842	10.848	-0.006	91	105902	50.0	57.8	
100 3,3'-Dichlorobenzidine	252	11.319	11.325	-0.006	98	48533	50.0	27.2	
101 Benzo[a]anthracene	228	11.342	11.342	0.000	98	257814	50.0	55.0	
* 102 Chrysene-d12	240	11.354	11.360	-0.006	98	152531	40.0	40.0	
103 Chrysene	228	11.383	11.389	-0.006	95	236441	50.0	54.2	
104 Bis(2-ethylhexyl) phthalate	149	11.389	11.389	0.000	84	163128	50.0	55.7	
105 Di-n-octyl phthalate	149	12.242	12.248	-0.006	93	283085	50.0	55.8	
106 Benzo[b]fluoranthene	252	12.748	12.748	0.000	97	278290	50.0	57.0	
107 Benzo[k]fluoranthene	252	12.783	12.789	-0.006	99	283184	50.0	56.6	
108 Benzo[a]pyrene	252	13.207	13.207	0.000	97	239080	50.0	51.0	
* 109 Perylene-d12	264	13.289	13.289	0.000	99	176799	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.901	14.907	-0.006	95	274991	50.0	59.3	
111 Dibenz(a,h)anthracene	278	14.942	14.948	-0.006	96	281308	50.0	57.4	
112 Benzo[g,h,i]perylene	276	15.354	15.365	-0.011	92	286052	50.0	55.3	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

a - User Assigned ID

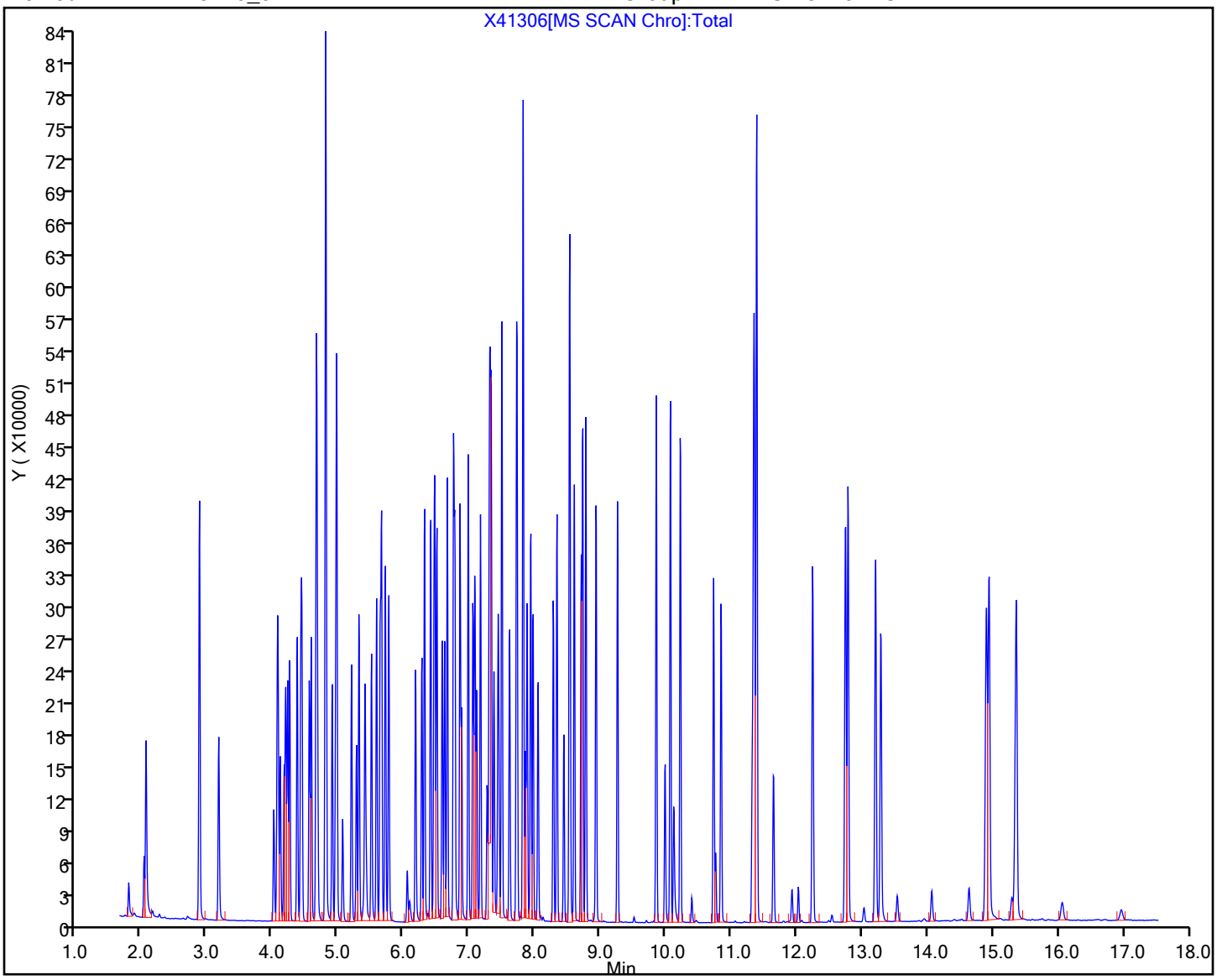
Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 29-Apr-2022 12:31:00 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\X41306.d
Injection Date: 28-Apr-2022 22:41:30 Instrument ID: CBNAMS5
Lims ID: LCS 460-841753/2-A
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL



Manual Integration/User Assign Peak Report

Eurofins Edison

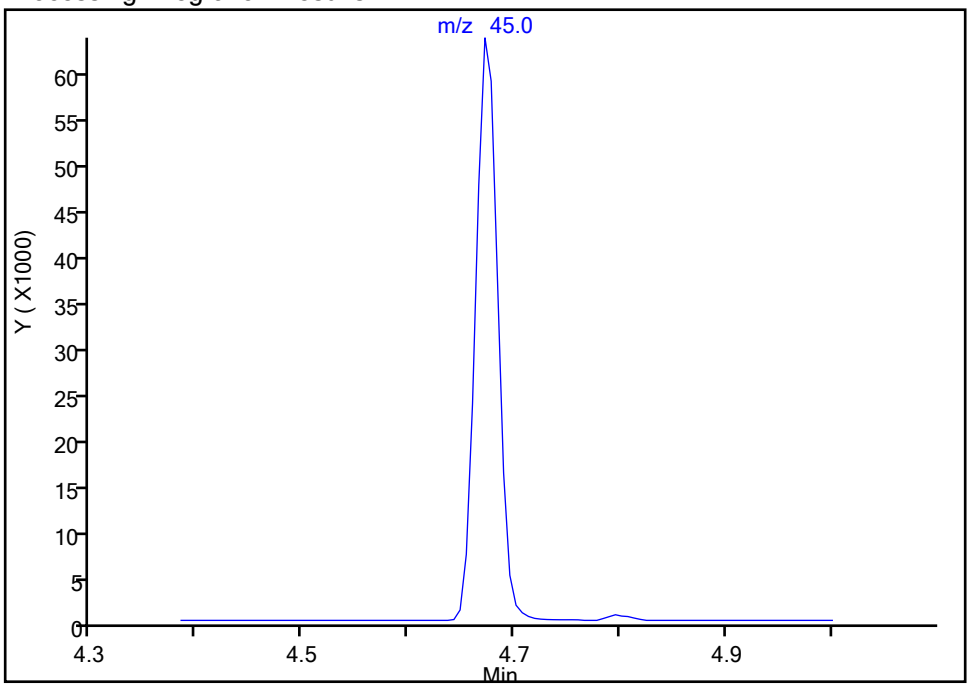
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\X41306.d
Injection Date: 28-Apr-2022 22:41:30 Instrument ID: CBNAMS5
Lims ID: LCS 460-841753/2-A
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

19 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

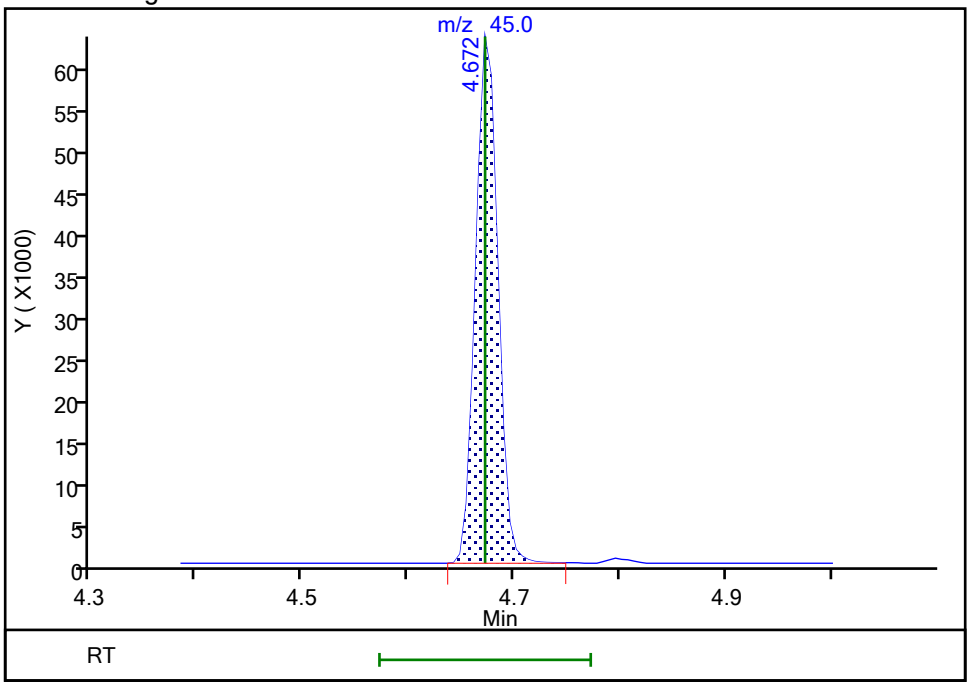
Not Detected
Expected RT: 4.67

Processing Integration Results



Manual Integration Results

RT: 4.67
Area: 92340
Amount: 29.970236
Amount Units: ug/ml



Reviewer: eisam, 29-Apr-2022 00:01:51
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

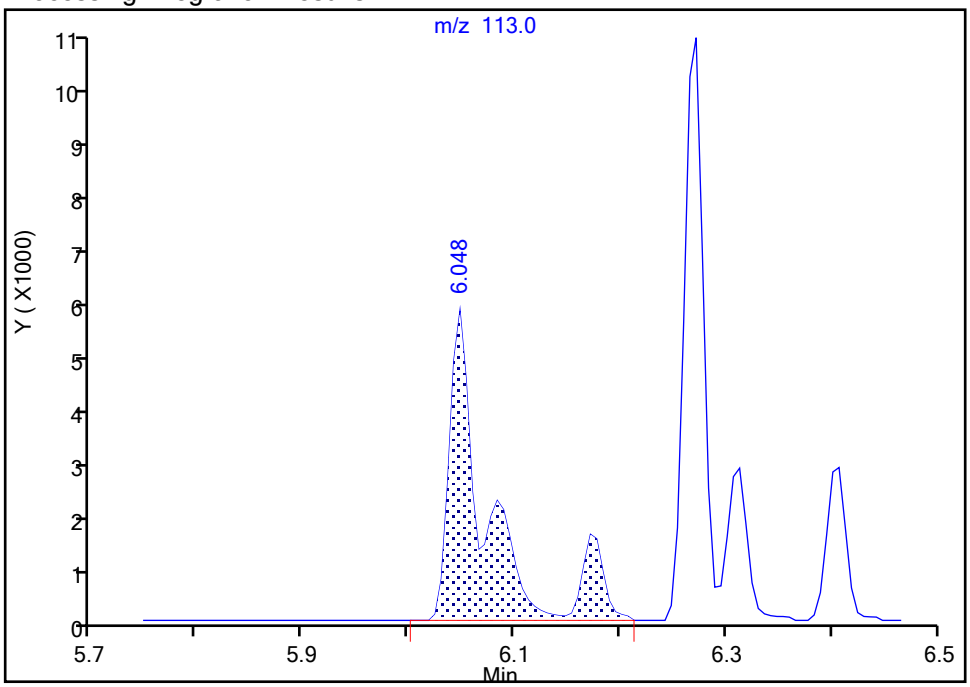
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\X41306.d
Injection Date: 28-Apr-2022 22:41:30 Instrument ID: CBNAMS5
Lims ID: LCS 460-841753/2-A
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

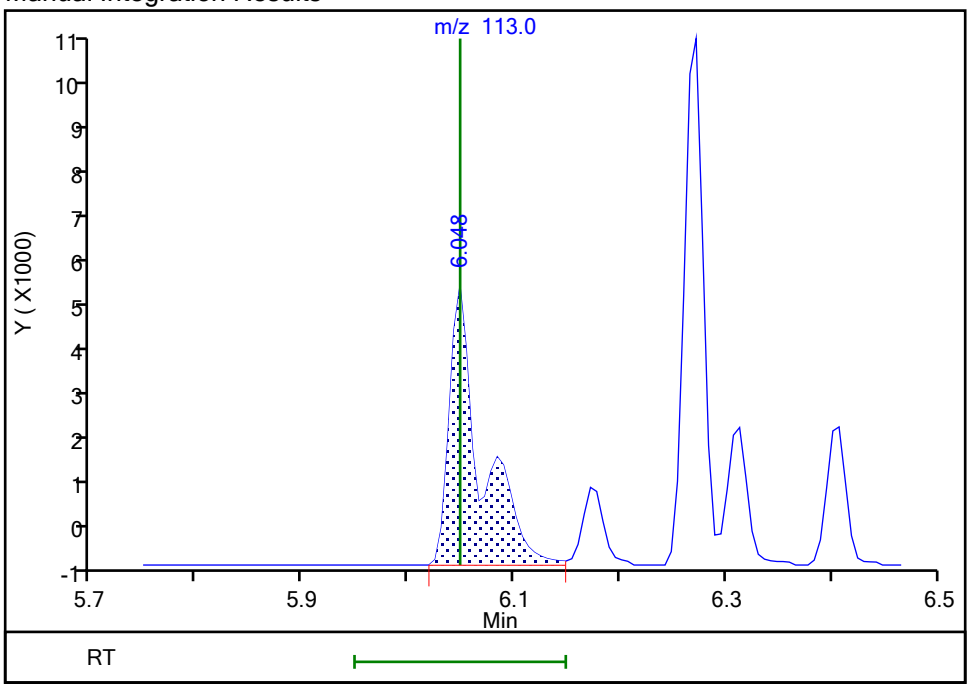
Processing Integration Results

RT: 6.05
Area: 13323
Amount: 38.758028
Amount Units: ug/ml



Manual Integration Results

RT: 6.05
Area: 11270
Amount: 32.785632
Amount Units: ug/ml



Reviewer: maheseep, 29-Apr-2022 12:30:40
Audit Action: Manually Integrated Audit Reason: Split Peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-842255/2-A

Matrix: Solid | Lab File ID: A187692.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/01/2022 06:58

Sample wt/vol: 250(mL) | Date Analyzed: 05/01/2022 12:17

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 842273 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.0699		0.010	0.00044
95-95-4	2,4,5-Trichlorophenol	0.0570		0.010	0.00088
88-06-2	2,4,6-Trichlorophenol	0.0595		0.010	0.00086
15831-10-4	3 & 4 Methylphenol	0.0581		0.010	0.00064
121-14-2	2,4-Dinitrotoluene	0.0692		0.0020	0.0010
110-86-1	Pyridine	0.0780		0.010	0.0019
95-48-7	2-Methylphenol	0.0627		0.010	0.00067
118-74-1	Hexachlorobenzene	0.0587		0.0010	0.00040
87-68-3	Hexachlorobutadiene	0.0548		0.0020	0.00078
67-72-1	Hexachloroethane	0.0756		0.0020	0.00080
98-95-3	Nitrobenzene	0.0771		0.0010	0.00057
87-86-5	Pentachlorophenol	0.0983		0.030	0.0014

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	73		37-150
321-60-8	2-Fluorobiphenyl	83		46-139
367-12-4	2-Fluorophenol (Surr)	51		19-80
4165-60-0	Nitrobenzene-d5 (Surr)	89		52-137
4165-62-2	Phenol-d5 (Surr)	36		10-56
1718-51-0	Terphenyl-d14 (Surr)	87		22-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220501-144731.b\A187692.D
Lims ID: LCS 460-842255/2-A
Client ID:
Sample Type: LCS
Inject. Date: 01-May-2022 12:17:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144731-005
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20220501-144731.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 02-May-2022 13:50:05 Calib Date: 08-Mar-2022 12:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186575.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: khlungprakhons Date: 02-May-2022 13:50:05

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.728	1.728	0.000	95	203207	10.0	5.70	
	2 N-Nitrosodimethylamine	74	1.940	1.934	0.006	78	365701	10.0	6.64	
	3 Pyridine	79	1.975	1.969	0.006	84	810019	20.0	9.75	
$	4 2-Fluorophenol	112	3.051	3.051	0.000	89	451895	10.0	5.14	
	5 Benzaldehyde	77	3.863	3.863	0.000	91	621221	5.00	7.41	E
$	6 Phenol-d5	99	3.945	3.946	-0.001	0	420748	10.0	3.63	
	7 Phenol	94	3.957	3.957	0.000	97	506127	10.0	4.32	
	8 Aniline	93	3.969	3.969	0.000	98	1064040	10.0	7.34	
	9 Bis(2-chloroethyl)ether	93	4.022	4.022	0.000	95	907920	10.0	10.1	
	10 Benzonitrile	103	4.040	4.040	0.000	99	1728742	NC	NC	
	11 2-Chlorophenol	128	4.087	4.087	0.000	90	737702	10.0	8.01	
	12 n-Decane	43	4.134	4.134	0.000	96	1359616	10.0	10.8	
	13 1,3-Dichlorobenzene	146	4.228	4.234	-0.006	92	891895	10.0	8.62	
*	14 1,4-Dichlorobenzene-d4	152	4.281	4.281	0.000	97	532080	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.298	4.298	0.000	92	906664	10.0	8.74	
	17 Benzyl alcohol	108	4.416	4.416	0.000	89	459130	10.0	8.02	
	18 1,2-Dichlorobenzene	146	4.445	4.446	0.000	93	874412	10.0	8.98	
	19 2-Methylphenol	108	4.534	4.534	0.000	74	625919	10.0	7.84	
	20 2,2'-oxybis[1-chloropropane]	45	4.545	4.545	0.000	91	1704870	10.0	11.9	
	21 N-Methylaniline	106	4.663	4.663	0.000	95	1384268	10.0	9.35	
	22 Acetophenone	105	4.669	4.669	0.000	86	1286229	10.0	9.73	
	23 N-Nitrosodi-n-propylamine	70	4.669	4.669	0.000	94	766037	10.0	11.0	
	24 3 & 4 Methylphenol	108	4.681	4.687	-0.006	0	669678	10.0	7.26	
	25 4-Methylphenol	108	4.681	4.681	-0.006	96	667642	10.0	7.24	a
	26 Hexachloroethane	117	4.769	4.769	0.000	91	370607	10.0	9.45	
$	27 Nitrobenzene-d5	82	4.810	4.810	0.000	92	1107799	10.0	8.87	
	28 Nitrobenzene	123	4.834	4.834	0.000	89	432017	10.0	9.64	
	29 n,n'-Dimethylaniline	120	4.834	4.834	0.000	94	1388160	10.0	9.38	
	30 Isophorone	82	5.057	5.057	0.000	98	1911943	10.0	9.94	
	31 2-Nitrophenol	139	5.134	5.140	-0.006	83	420097	10.0	8.25	
	33 2,4-Dimethylphenol	122	5.187	5.193	-0.005	89	709559	10.0	8.35	
	34 Bis(2-chloroethoxy)methane	93	5.269	5.269	0.000	96	1117644	10.0	9.83	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.263	5.287	-0.024	93	43790	10.0	1.52	
36 2,4-Dichlorophenol	162	5.375	5.375	0.000	93	622467	10.0	7.62	
37 1,2,4-Trichlorobenzene	180	5.445	5.445	0.000	94	686968	10.0	7.94	
* 38 Naphthalene-d8	136	5.498	5.498	0.000	99	2199905	8.00	8.00	
39 Naphthalene	128	5.516	5.522	-0.006	99	2623889	10.0	9.05	
40 4-Chloroaniline	127	5.575	5.575	0.000	94	930503	10.0	8.26	
41 2,6-Dichlorophenol	162	5.587	5.587	0.000	93	624806	10.0	7.81	
43 Hexachlorobutadiene	225	5.645	5.651	-0.006	91	380288	10.0	6.84	
44 Caprolactam	113	5.892	5.893	0.000	86	46720	5.00	2.14	
45 4-Chloro-3-methylphenol	107	6.051	6.051	0.000	96	653511	10.0	7.96	
46 2-Methylnaphthalene	142	6.175	6.181	-0.006	84	1634667	10.0	8.41	
47 1-Methylnaphthalene	142	6.269	6.269	0.000	93	1549557	10.0	8.84	
48 Hexachlorocyclopentadiene	237	6.334	6.334	-0.005	95	432145	10.0	6.36	
49 1,2,4,5-Tetrachlorobenzene	216	6.339	6.334	0.000	94	637692	10.0	7.28	
50 2-tertbutyl-4-methylphenol	149	6.381	6.381	0.000	87	1024796	10.0	8.34	
51 2,4,6-Trichlorophenol	196	6.451	6.452	-0.006	84	419480	10.0	7.44	
52 2,4,5-Trichlorophenol	196	6.486	6.487	-0.006	90	433713	10.0	7.13	
$ 53 2-Fluorobiphenyl	172	6.528	6.528	0.000	97	1785331	10.0	8.27	
54 1,1'-Biphenyl	154	6.616	6.622	-0.006	97	1997756	10.0	8.70	
55 2-Chloronaphthalene	162	6.634	6.634	-0.005	99	1453501	10.0	8.56	
56 Phenyl ether	170	6.716	6.722	-0.006	91	1059148	10.0	8.54	
57 2-Nitroaniline	65	6.734	6.734	-0.005	93	699732	10.0	10.0	
58 1,3-Dimethylnaphthalene	156	6.845	6.840	0.000	90	1260466	10.0	8.94	
59 Dimethyl phthalate	163	6.910	6.910	-0.006	97	1666261	10.0	8.88	
60 Coumarin	146	6.928	6.928	0.000	75	543071	10.0	9.19	
61 2,6-Dinitrotoluene	165	6.963	6.969	-0.006	89	354546	10.0	8.53	
62 Acenaphthylene	152	7.028	7.028	0.000	97	2258385	10.0	8.47	
63 3-Nitroaniline	138	7.122	7.128	-0.006	91	376178	10.0	9.03	
* 64 Acenaphthene-d10	164	7.157	7.163	-0.006	95	1188933	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.186	7.187	-0.006	98	1350404	10.0	7.90	
66 Acenaphthene	154	7.186	7.192	-0.006	96	1475768	10.0	7.75	
67 2,4-Dinitrophenol	184	7.222	7.216	0.000	83	311740	20.0	12.5	
68 4-Nitrophenol	65	7.304	7.310	-0.006	95	262002	20.0	7.22	
69 2,4-Dinitrotoluene	165	7.339	7.339	-0.006	90	474584	10.0	8.64	
70 Dibenzofuran	168	7.351	7.357	-0.006	97	2077433	10.0	8.67	
71 2,3,4,6-Tetrachlorophenol	232	7.475	7.475	-0.006	93	324477	10.0	7.04	
72 Diethyl phthalate	149	7.575	7.581	-0.006	97	1632656	10.0	8.95	
73 Fluorene	166	7.675	7.675	0.000	92	1667647	10.0	8.77	
74 4-Chlorophenyl phenyl ether	204	7.675	7.674	-0.006	74	724529	10.0	7.77	
75 4-Nitroaniline	138	7.698	7.698	-0.006	96	385125	10.0	9.44	
76 4,6-Dinitro-2-methylphenol	198	7.728	7.728	0.000	81	449848	20.0	14.1	
78 N-Nitrosodiphenylamine	169	7.786	7.792	-0.006	69	1155380	10.0	8.63	
79 1,2-Diphenylhydrazine	77	7.822	7.828	-0.006	50	2148790	10.0	10.6	
$ 80 2,4,6-Tribromophenol	330	7.904	7.904	0.000	91	182461	10.0	7.31	
81 4-Bromophenyl phenyl ether	248	8.133	8.134	0.000	75	385605	10.0	7.75	
82 Hexachlorobenzene	284	8.198	8.198	0.000	98	413574	10.0	7.34	
83 Atrazine	200	8.298	8.298	0.000	85	319335	5.00	6.62	E
84 Pentachlorophenol	266	8.386	8.386	0.000	88	406596	20.0	12.3	
85 Pentachloronitrobenzene	237	8.398	8.398	0.000	83	184965	10.0	7.13	
87 n-Octadecane	57	8.469	8.469	0.000	94	1776394	10.0	12.4	
* 88 Phenanthrene-d10	188	8.551	8.551	0.000	99	1952553	8.00	8.00	
89 Phenanthrene	178	8.575	8.575	0.000	98	2244075	10.0	8.36	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Anthracene	178	8.622	8.622	0.000	98	2294033	10.0	8.47	
91 Carbazole	167	8.775	8.781	-0.005	96	1964984	10.0	8.56	
92 Di-n-butyl phthalate	149	9.110	9.116	-0.006	99	2563269	10.0	9.68	
93 Fluoranthene	202	9.686	9.692	-0.006	97	2055584	10.0	7.83	
94 Benzidine	184	9.816	9.816	-0.006	99	654863	10.0	4.76	
95 Pyrene	202	9.898	9.904	-0.006	96	2061987	10.0	8.95	
96 Bisphenol-A	213	9.957	9.963	-0.006	97	271370	5.00	2.94	
$ 97 Terphenyl-d14	244	10.051	10.057	-0.006	97	1525329	10.0	8.71	
98 Butyl benzyl phthalate	149	10.539	10.539	0.000	96	867720	10.0	9.99	
100 Carbamazepine	193	10.645	10.645	0.000	92	650989	10.0	8.51	
101 3,3'-Dichlorobenzidine	252	11.098	11.098	-0.006	99	539374	10.0	8.40	
102 Benzo[a]anthracene	228	11.116	11.122	-0.006	100	1612968	10.0	8.26	
* 103 Chrysene-d12	240	11.127	11.133	-0.006	98	1209654	8.00	8.00	
104 Chrysene	228	11.157	11.157	0.000	98	1492186	10.0	8.03	
105 Bis(2-ethylhexyl) phthalate	149	11.174	11.180	-0.006	90	1205923	10.0	10.4	
106 Di-n-octyl phthalate	149	11.968	11.969	-0.001	96	1879243	10.0	8.81	
107 Benzo[b]fluoranthene	252	12.427	12.433	-0.006	98	1399461	10.0	7.88	
108 Benzo[k]fluoranthene	252	12.463	12.469	-0.005	99	1592310	10.0	8.81	
109 Benzo[a]pyrene	252	12.857	12.863	-0.006	95	1234194	10.0	7.62	
* 110 Perylene-d12	264	12.939	12.939	0.000	96	1152107	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.421	14.421	0.000	98	1493968	10.0	10.5	
112 Dibenz(a,h)anthracene	278	14.457	14.462	-0.005	94	1533508	10.0	10.3	
113 Benzo[g,h,i]perylene	276	14.815	14.827	-0.012	95	1603360	10.0	10.4	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

a - User Assigned ID

Reagents:

SM_ISTD_LVI_00193 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-May-2022 13:50:05 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220501-144731.b\A187692.D

Injection Date: 01-May-2022 12:17:30 Instrument ID: CBNAMS16 Operator ID:

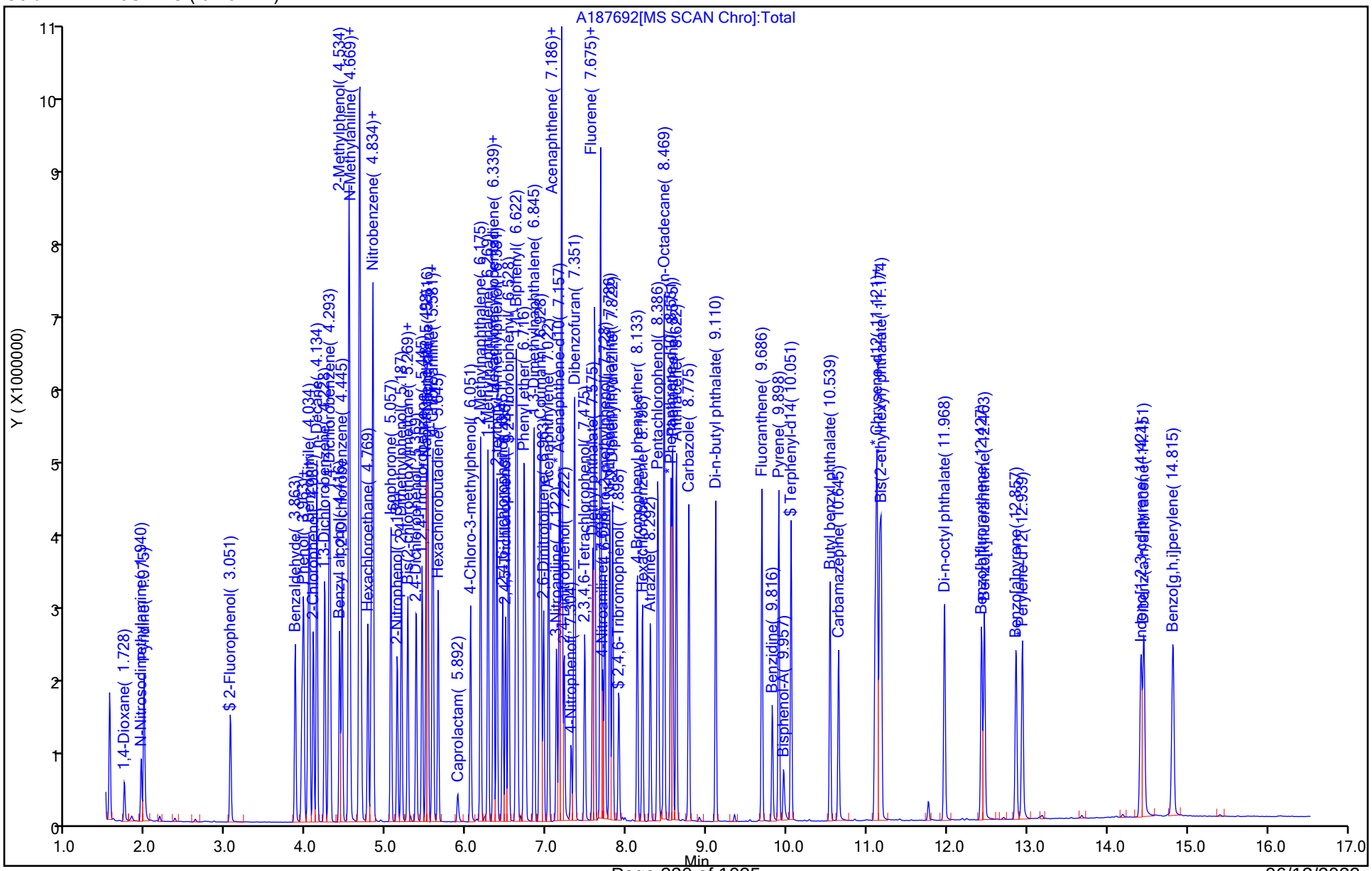
Lims ID: LCS 460-842255/2-A Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270LVI_16 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-841753/3-A

Matrix: Solid | Lab File ID: X41307.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/28/2022 10:05

Sample wt/vol: 15.00(g) | Date Analyzed: 04/28/2022 23:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 841837 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	3640		330	12
95-94-3	1,2,4,5-Tetrachlorobenzene	3850		330	10
108-60-1	2,2'-oxybis[1-chloropropane]	2000		330	6.0
58-90-2	2,3,4,6-Tetrachlorophenol	3930		330	22
95-95-4	2,4,5-Trichlorophenol	3780		330	34
88-06-2	2,4,6-Trichlorophenol	3810		130	42
120-83-2	2,4-Dichlorophenol	3810		130	21
105-67-9	2,4-Dimethylphenol	3330		330	39
51-28-5	2,4-Dinitrophenol	6870		270	160
121-14-2	2,4-Dinitrotoluene	3700		67	36
606-20-2	2,6-Dinitrotoluene	3700		67	24
91-58-7	2-Chloronaphthalene	3590		330	15
95-57-8	2-Chlorophenol	3200		330	12
91-57-6	2-Methylnaphthalene	3290		330	9.3
95-48-7	2-Methylphenol	3050		330	12
88-74-4	2-Nitroaniline	2920		330	25
88-75-5	2-Nitrophenol	3380		330	33
91-94-1	3,3'-Dichlorobenzidine	1750		130	50
99-09-2	3-Nitroaniline	2410		330	79
534-52-1	4,6-Dinitro-2-methylphenol	7290		270	140
101-55-3	4-Bromophenyl phenyl ether	4060		330	13
59-50-7	4-Chloro-3-methylphenol	3330		330	19
106-47-8	4-Chloroaniline	1370		330	59
7005-72-3	4-Chlorophenyl phenyl ether	3670		330	12
106-44-5	4-Methylphenol	3090		330	21
100-01-6	4-Nitroaniline	3050		330	38
100-02-7	4-Nitrophenol	5710		670	54
83-32-9	Acenaphthene	3200		330	9.4
208-96-8	Acenaphthylene	3420		330	9.5
98-86-2	Acetophenone	2870		330	16
120-12-7	Anthracene	3650		330	10
1912-24-9	Atrazine	2320		130	19
100-52-7	Benzaldehyde	1450		330	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-841753/3-A

Matrix: Solid | Lab File ID: X41307.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/28/2022 10:05

Sample wt/vol: 15.00(g) | Date Analyzed: 04/28/2022 23:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 841837 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	3700		33	12
50-32-8	Benzo[a]pyrene	3480		33	8.8
205-99-2	Benzo[b]fluoranthene	3880		33	8.6
191-24-2	Benzo[g,h,i]perylene	3730		330	9.8
207-08-9	Benzo[k]fluoranthene	3740		33	6.5
111-91-1	Bis(2-chloroethoxy)methane	2980		330	26
111-44-4	Bis(2-chloroethyl)ether	2800		33	12
117-81-7	Bis(2-ethylhexyl) phthalate	3680		330	17
85-68-7	Butyl benzyl phthalate	3750		330	16
105-60-2	Caprolactam	2150		330	51
86-74-8	Carbazole	3550		330	13
218-01-9	Chrysene	3520		330	5.6
53-70-3	Dibenz(a,h)anthracene	3840		33	14
132-64-9	Dibenzofuran	3670		330	11
84-66-2	Diethyl phthalate	3650		330	11
131-11-3	Dimethyl phthalate	3720		330	75
84-74-2	Di-n-butyl phthalate	3500		330	12
117-84-0	Di-n-octyl phthalate	3730		330	18
206-44-0	Fluoranthene	3540		330	12
86-73-7	Fluorene	3720		330	9.7
118-74-1	Hexachlorobenzene	4140		33	16
87-68-3	Hexachlorobutadiene	3760		67	7.0
77-47-4	Hexachlorocyclopentadiene	3280		330	29
67-72-1	Hexachloroethane	3010		33	11
193-39-5	Indeno[1,2,3-cd]pyrene	4030		33	13
78-59-1	Isophorone	2930		130	96
91-20-3	Naphthalene	3330		330	5.7
98-95-3	Nitrobenzene	3040		33	18
621-64-7	N-Nitrosodi-n-propylamine	2680		33	24
86-30-6	N-Nitrosodiphenylamine	3660		330	27
87-86-5	Pentachlorophenol	7440		270	68
85-01-8	Phenanthrene	3620		330	5.8
108-95-2	Phenol	2950		330	12

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-841753/3-A

Matrix: Solid | Lab File ID: X41307.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/28/2022 10:05

Sample wt/vol: 15.00(g) | Date Analyzed: 04/28/2022 23:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 841837 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
129-00-0	Pyrene	3880		330	8.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	123		10-123
321-60-8	2-Fluorobiphenyl	100		22-122
367-12-4	2-Fluorophenol (Surr)	83		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	78		16-125
4165-62-2	Phenol-d5 (Surr)	82		23-120
1718-51-0	Terphenyl-d14 (Surr)	113		25-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\X41307.d
Lims ID: LCSD 460-841753/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 28-Apr-2022 23:05:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144636-006
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Apr-2022 12:31:39 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1643

First Level Reviewer: eisam Date: 29-Apr-2022 00:03:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.790	1.778	0.012	94	13706	50.0	24.7	
2 N-Nitrosodimethylamine	74	2.025	2.019	0.006	74	32126	50.0	37.2	
3 Pyridine	79	2.055	2.043	0.012	87	77471	100.0	57.3	
$ 4 2-Fluorophenol	112	3.166	3.160	0.006	95	65676	50.0	41.4	
5 Benzaldehyde	77	4.007	4.007	0.000	89	28842	20.0	21.8	E
$ 6 Phenol-d5	99	4.060	4.060	0.000	93	77144	50.0	40.9	
7 Phenol	94	4.072	4.072	0.000	97	84221	50.0	44.3	
8 Aniline	93	4.107	4.107	0.000	1	71009	50.0	31.1	
9 Bis(2-chloroethyl)ether	93	4.166	4.166	0.000	93	57015	50.0	42.0	
11 2-Chlorophenol	128	4.219	4.219	0.000	89	78097	50.0	48.0	
12 n-Decane	43	4.249	4.249	0.000	89	63288	50.0	27.6	
13 1,3-Dichlorobenzene	146	4.366	4.366	0.000	97	85013	50.0	48.6	
* 14 1,4-Dichlorobenzene-d4	152	4.419	4.419	0.000	95	46017	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.437	4.437	0.000	95	86431	50.0	48.9	
16 Benzyl alcohol	108	4.549	4.549	-0.001	91	43448	50.0	43.7	
17 1,2-Dichlorobenzene	146	4.578	4.578	0.000	91	82309	50.0	49.1	
18 2-Methylphenol	108	4.654	4.654	0.000	86	62551	50.0	45.8	
19 2,2'-oxybis[1-chloropropane]	45	4.672	4.672	0.000	89	85428	50.0	30.0	a
20 N-Methylaniline	106	4.796	4.796	0.000	74	109745	50.0	45.7	
22 N-Nitrosodi-n-propylamine	70	4.801	4.801	0.000	65	45475	50.0	40.1	
24 4-Methylphenol	108	4.801	4.801	0.000	74	70909	50.0	46.3	
23 3 & 4 Methylphenol	108	4.801	4.801	0.000	72	70909	50.0	46.3	
21 Acetophenone	105	4.807	4.807	0.000	85	93574	50.0	43.1	
25 Hexachloroethane	117	4.901	4.901	0.000	89	30157	50.0	45.1	
$ 26 Nitrobenzene-d5	82	4.948	4.954	-0.006	90	67127	50.0	39.2	
27 n,n'-Dimethylaniline	120	4.966	4.966	0.000	88	112760	50.0	47.7	
28 Nitrobenzene	123	4.972	4.972	0.000	87	33445	50.0	45.6	
31 Isophorone	82	5.196	5.196	0.000	96	120466	50.0	43.9	
32 2-Nitrophenol	139	5.272	5.272	0.000	92	41280	50.0	50.8	
33 2,4-Dimethylphenol	122	5.307	5.307	0.000	59	66295	50.0	50.0	
34 Bis(2-chloroethoxy)methane	93	5.401	5.401	0.000	98	73721	50.0	44.8	
35 Benzoic acid	122	5.413	5.419	-0.006	75	33035	50.0	39.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
36 2,4-Dichlorophenol	162	5.501	5.501	0.000	96	68623	50.0	57.2	
37 1,2,4-Trichlorobenzene	180	5.578	5.578	0.000	92	71753	50.0	54.1	
* 38 Naphthalene-d8	136	5.631	5.631	0.000	99	164928	40.0	40.0	
39 Naphthalene	128	5.654	5.654	0.000	99	211122	50.0	50.0	
40 4-Chloroaniline	127	5.707	5.707	0.000	72	37791	50.0	20.5	
130 2,6-Dichlorophenol	162	5.713	5.713	0.000	96	66664	50.0	56.3	
41 Hexachlorobutadiene	225	5.766	5.766	0.000	97	47651	50.0	56.5	
42 Caprolactam	113	6.048	6.048	0.000	88	10461	20.0	32.2	EM
43 4-Chloro-3-methylphenol	107	6.172	6.172	0.000	91	59687	50.0	50.0	
44 2-Methylnaphthalene	142	6.313	6.313	0.000	71	140222	50.0	49.4	
45 1-Methylnaphthalene	142	6.401	6.407	-0.006	82	136267	50.0	52.4	
46 Hexachlorocyclopentadiene	237	6.454	6.454	0.000	82	54771	50.0	49.2	
47 1,2,4,5-Tetrachlorobenzene	216	6.472	6.472	0.000	99	81069	50.0	57.7	
48 2-tertbutyl-4-methylphenol	149	6.501	6.501	0.000	76	97835	50.0	56.1	
49 2,4,6-Trichlorophenol	196	6.578	6.578	0.000	92	53437	50.0	57.1	
50 2,4,5-Trichlorophenol	196	6.619	6.619	0.000	96	57357	50.0	56.7	
$ 51 2-Fluorobiphenyl	172	6.660	6.660	0.000	91	169317	50.0	50.1	
52 1,1'-Biphenyl	154	6.754	6.754	0.000	95	180211	50.0	54.7	
53 2-Chloronaphthalene	162	6.772	6.772	0.000	97	139087	50.0	53.8	
54 Phenyl ether	170	6.854	6.854	0.000	82	103074	50.0	56.8	
56 2-Nitroaniline	65	6.878	6.878	0.000	95	45586	50.0	43.9	
57 1,3-Dimethylnaphthalene	156	6.978	6.978	0.000	88	109947	50.0	53.5	
58 Dimethyl phthalate	163	7.048	7.048	0.000	99	162745	50.0	55.9	
59 Coumarin	146	7.078	7.078	0.000	76	52676	50.0	50.9	
60 2,6-Dinitrotoluene	165	7.107	7.107	0.000	23	35766	50.0	55.5	
61 Acenaphthylene	152	7.166	7.166	0.000	97	214388	50.0	51.3	
64 3-Nitroaniline	138	7.266	7.266	0.000	96	27611	50.0	36.2	
* 65 Acenaphthene-d10	164	7.295	7.301	-0.006	93	87848	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.313	7.313	0.000	93	137307	50.0	58.8	
67 Acenaphthene	154	7.331	7.331	0.000	88	128745	50.0	48.0	
68 2,4-Dinitrophenol	184	7.372	7.372	0.000	77	43826	100.0	103.0	
69 4-Nitrophenol	65	7.437	7.437	0.000	89	47804	100.0	85.6	
70 2,4-Dinitrotoluene	165	7.489	7.490	-0.001	59	48719	50.0	55.5	
71 Dibenzofuran	168	7.495	7.495	0.000	91	196848	50.0	55.1	
72 2,3,4,6-Tetrachlorophenol	232	7.613	7.613	0.000	97	49412	50.0	58.9	
73 Diethyl phthalate	149	7.713	7.713	0.000	98	161733	50.0	54.7	
75 Fluorene	166	7.819	7.819	0.000	82	159648	50.0	55.8	
74 4-Chlorophenyl phenyl ether	204	7.819	7.819	0.000	72	77528	50.0	55.0	
76 4-Nitroaniline	138	7.854	7.854	0.000	35	35011	50.0	45.7	
77 4,6-Dinitro-2-methylphenol	198	7.878	7.878	0.000	81	57264	100.0	109.3	
78 N-Nitrosodiphenylamine	169	7.931	7.937	-0.006	97	116068	50.0	54.9	
79 1,2-Diphenylhydrazine	77	7.972	7.972	0.000	96	129350	50.0	43.8	
$ 80 2,4,6-Tribromophenol	330	8.048	8.048	0.000	87	45822	50.0	61.6	
81 4-Bromophenyl phenyl ether	248	8.284	8.278	0.006	94	56403	50.0	60.9	
83 Hexachlorobenzene	284	8.336	8.337	-0.001	91	75371	50.0	62.1	
84 Atrazine	200	8.442	8.442	0.000	91	29683	20.0	34.8	E
85 Pentachlorophenol	266	8.525	8.525	0.000	89	81679	100.0	111.6	
86 Pentachloronitrobenzene	237	8.536	8.537	-0.001	72	25862	50.0	55.4	
87 n-Octadecane	57	8.601	8.601	0.000	96	87190	50.0	41.2	
* 88 Phenanthrene-d10	188	8.707	8.707	0.000	98	165546	40.0	40.0	
89 Phenanthrene	178	8.731	8.731	0.000	96	234144	50.0	54.4	
90 Anthracene	178	8.778	8.778	0.000	98	240904	50.0	54.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Carbazole	167	8.931	8.931	0.000	82	215088	50.0	53.2	
92 Di-n-butyl phthalate	149	9.260	9.260	0.000	99	262546	50.0	52.5	
93 Fluoranthene	202	9.854	9.854	0.000	98	255570	50.0	53.1	
94 Benzidine	184	9.989	9.989	0.000	98	69017	50.0	23.8	
95 Pyrene	202	10.072	10.072	0.000	98	257238	50.0	58.2	
82 Bisphenol-A	213	10.119	10.119	0.000	92	57272	25.0	26.3	
$ 96 Terphenyl-d14	244	10.219	10.225	-0.006	97	221088	50.0	56.4	
97 Butyl benzyl phthalate	149	10.730	10.730	0.000	93	105018	50.0	56.2	
99 Carbamazepine	193	10.842	10.848	-0.006	88	99985	50.0	58.1	
100 3,3'-Dichlorobenzidine	252	11.319	11.325	-0.006	98	44046	50.0	26.3	
101 Benzo[a]anthracene	228	11.342	11.342	0.000	98	244180	50.0	55.5	
* 102 Chrysene-d12	240	11.354	11.360	-0.006	98	143267	40.0	40.0	
103 Chrysene	228	11.383	11.389	-0.006	95	216209	50.0	52.8	
104 Bis(2-ethylhexyl) phthalate	149	11.389	11.389	0.000	83	152013	50.0	55.2	
105 Di-n-octyl phthalate	149	12.248	12.248	0.000	93	261295	50.0	56.0	
106 Benzo[b]fluoranthene	252	12.742	12.748	-0.006	97	261310	50.0	58.2	
107 Benzo[k]fluoranthene	252	12.783	12.789	-0.006	99	258068	50.0	56.1	
108 Benzo[a]pyrene	252	13.207	13.207	0.000	97	225256	50.0	52.2	
* 109 Perylene-d12	264	13.283	13.289	-0.006	99	162772	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.901	14.907	-0.006	99	258309	50.0	60.5	
111 Dibenz(a,h)anthracene	278	14.942	14.948	-0.006	96	260411	50.0	57.7	
112 Benzo[g,h,i]perylene	276	15.354	15.365	-0.011	93	266894	50.0	56.0	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

a - User Assigned ID

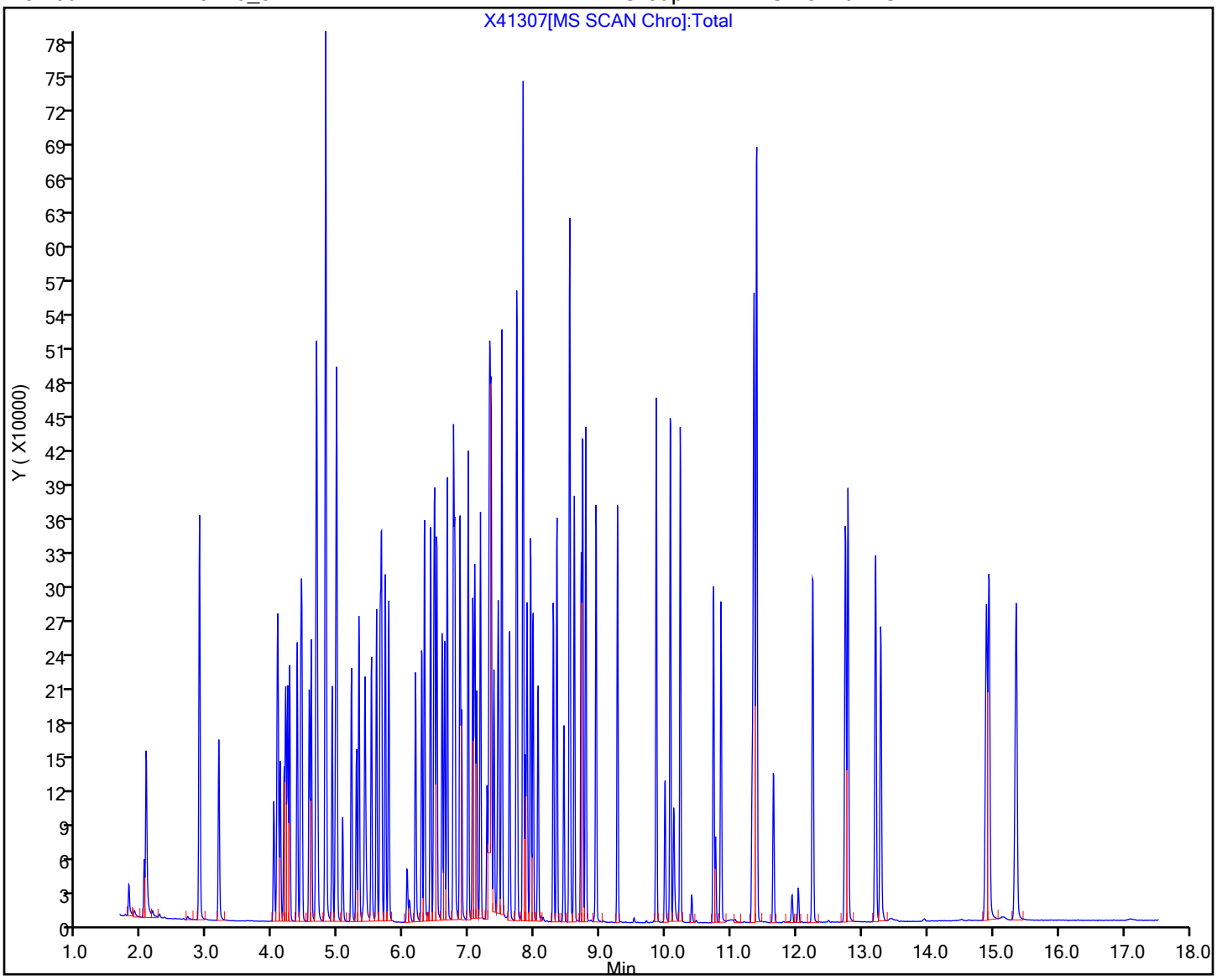
Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 29-Apr-2022 12:31:39 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\X41307.d
Injection Date: 28-Apr-2022 23:05:30 Instrument ID: CBNAMS5
Lims ID: LCSD 460-841753/3-A
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL



Manual Integration/User Assign Peak Report

Eurofins Edison

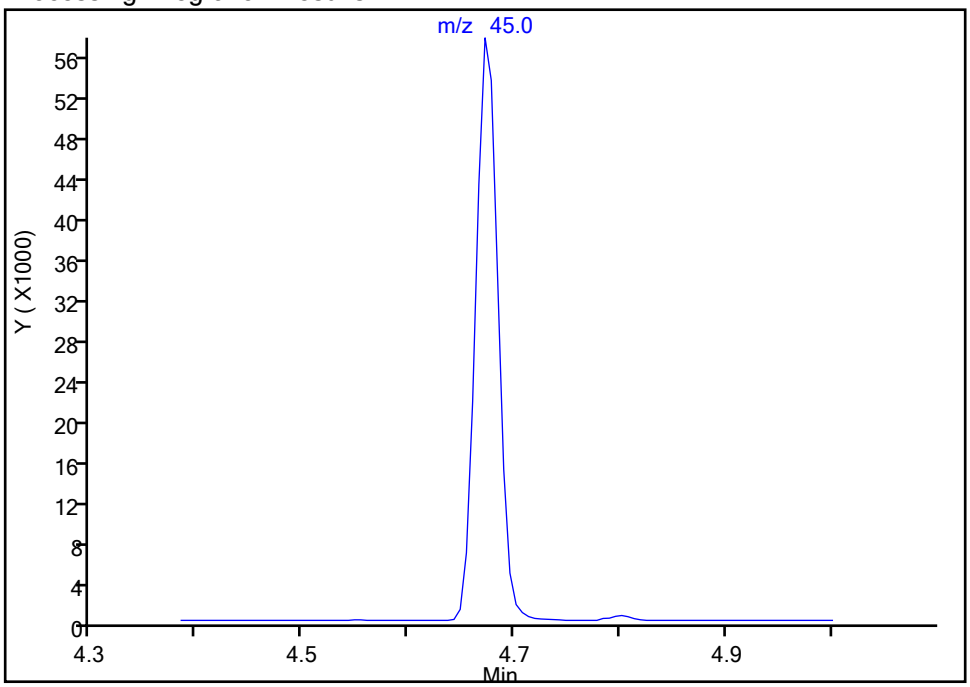
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\X41307.d
Injection Date: 28-Apr-2022 23:05:30 Instrument ID: CBNAMS5
Lims ID: LCSD 460-841753/3-A
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

19 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

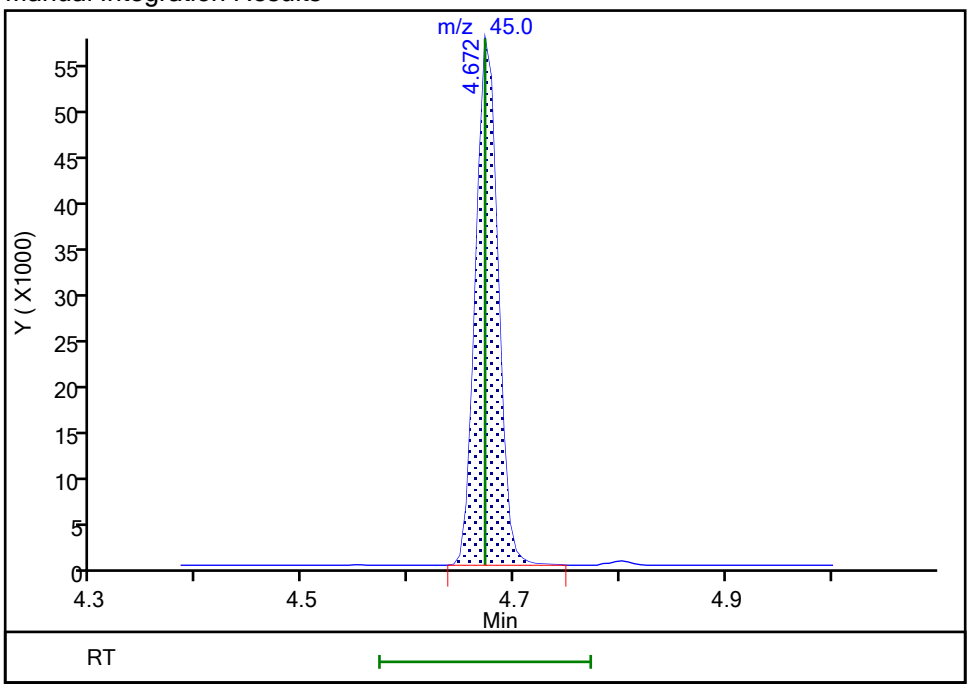
Not Detected
Expected RT: 4.67

Processing Integration Results



Manual Integration Results

RT: 4.67
Area: 85428
Amount: 30.030943
Amount Units: ug/ml



Reviewer: eisam, 29-Apr-2022 00:02:44
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

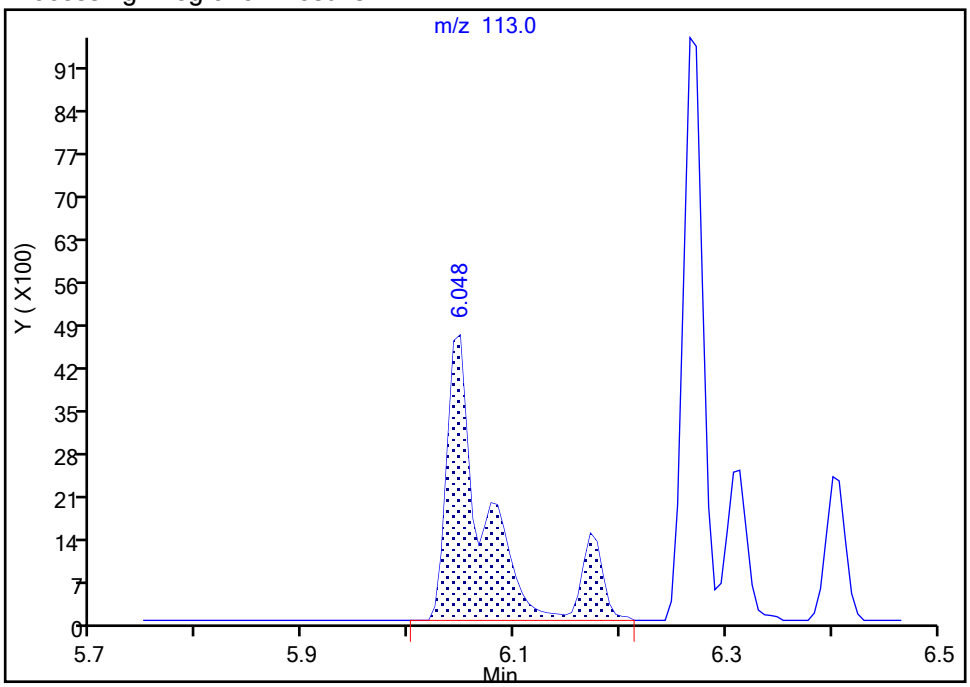
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220428-144636.b\X41307.d
Injection Date: 28-Apr-2022 23:05:30 Instrument ID: CBNAMS5
Lims ID: LCSD 460-841753/3-A
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

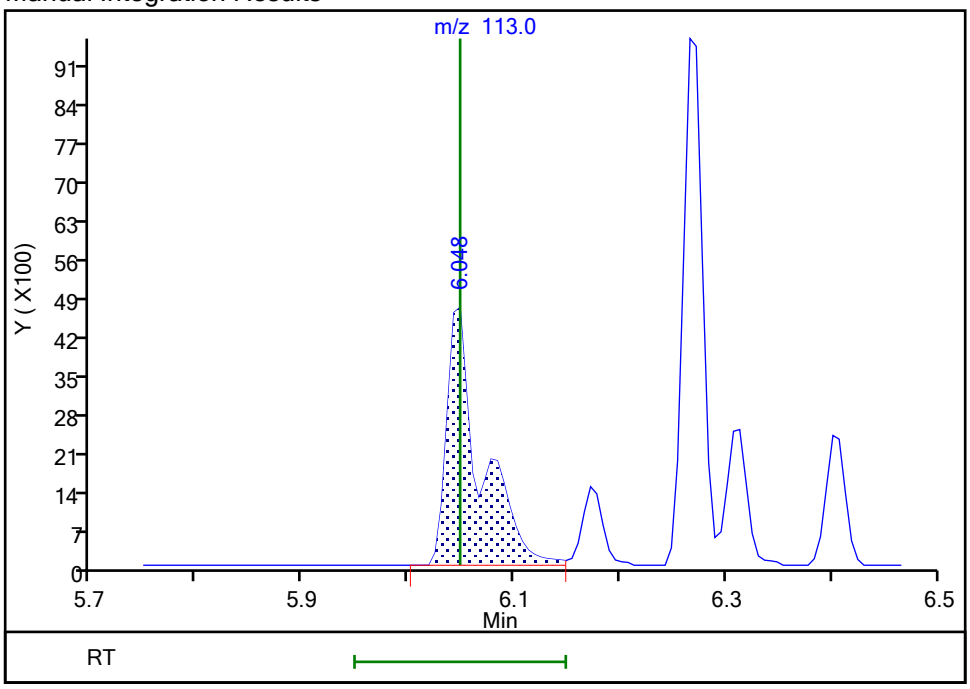
Processing Integration Results

RT: 6.05
Area: 12380
Amount: 38.158444
Amount Units: ug/ml



Manual Integration Results

RT: 6.05
Area: 10461
Amount: 32.243577
Amount Units: ug/ml



Reviewer: maheseep, 29-Apr-2022 12:31:20
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-842255/3-A

Matrix: Solid | Lab File ID: A187693.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/01/2022 06:58

Sample wt/vol: 250(mL) | Date Analyzed: 05/01/2022 12:39

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 842273 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.0705		0.010	0.00044
95-95-4	2,4,5-Trichlorophenol	0.0592		0.010	0.00088
88-06-2	2,4,6-Trichlorophenol	0.0601		0.010	0.00086
15831-10-4	3 & 4 Methylphenol	0.0576		0.010	0.00064
121-14-2	2,4-Dinitrotoluene	0.0689		0.0020	0.0010
110-86-1	Pyridine	0.0784		0.010	0.0019
95-48-7	2-Methylphenol	0.0622		0.010	0.00067
118-74-1	Hexachlorobenzene	0.0585		0.0010	0.00040
87-68-3	Hexachlorobutadiene	0.0549		0.0020	0.00078
67-72-1	Hexachloroethane	0.0763		0.0020	0.00080
98-95-3	Nitrobenzene	0.0788		0.0010	0.00057
87-86-5	Pentachlorophenol	0.0976		0.030	0.0014

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	72		37-150
321-60-8	2-Fluorobiphenyl	84		46-139
367-12-4	2-Fluorophenol (Surr)	53		19-80
4165-60-0	Nitrobenzene-d5 (Surr)	89		52-137
4165-62-2	Phenol-d5 (Surr)	38		10-56
1718-51-0	Terphenyl-d14 (Surr)	87		22-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220501-144731.b\A187693.D
Lims ID: LCSD 460-842255/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 01-May-2022 12:39:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144731-006
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20220501-144731.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 02-May-2022 13:51:00 Calib Date: 08-Mar-2022 12:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20220308-142382.b\A186575.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: khlungprakhons Date: 02-May-2022 13:51:00

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.728	1.728	0.000	97	213866	10.0	5.96	
	2 N-Nitrosodimethylamine	74	1.940	1.934	0.006	77	374642	10.0	6.75	
	3 Pyridine	79	1.975	1.969	0.006	83	821023	20.0	9.80	
$	4 2-Fluorophenol	112	3.052	3.051	0.001	89	473562	10.0	5.34	
	5 Benzaldehyde	77	3.863	3.863	0.000	92	637945	5.00	7.55	E
$	6 Phenol-d5	99	3.946	3.946	0.000	0	438783	10.0	3.76	
	7 Phenol	94	3.957	3.957	0.000	97	521127	10.0	4.41	
	8 Aniline	93	3.969	3.969	0.000	99	1082635	10.0	7.41	
	9 Bis(2-chloroethyl)ether	93	4.022	4.022	0.000	95	926832	10.0	10.2	
	10 Benzonitrile	103	4.040	4.040	0.000	99	1773513	NC	NC	
	11 2-Chlorophenol	128	4.087	4.087	0.000	90	746864	10.0	8.05	
	12 n-Decane	43	4.134	4.134	0.000	95	1390375	10.0	11.0	
	13 1,3-Dichlorobenzene	146	4.228	4.234	-0.006	92	910157	10.0	8.72	
*	14 1,4-Dichlorobenzene-d4	152	4.281	4.281	0.000	98	536292	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.299	4.298	0.000	90	921681	10.0	8.81	
	17 Benzyl alcohol	108	4.416	4.416	0.000	90	471874	10.0	8.18	
	18 1,2-Dichlorobenzene	146	4.446	4.446	0.001	93	888416	10.0	9.05	
	19 2-Methylphenol	108	4.534	4.534	0.000	88	625525	10.0	7.77	
	20 2,2'-oxybis[1-chloropropane]	45	4.546	4.545	0.001	91	1735128	10.0	12.1	
	21 N-Methylaniline	106	4.663	4.663	0.000	95	1415550	10.0	9.48	
	22 Acetophenone	105	4.669	4.669	0.000	86	1305616	10.0	9.80	
	23 N-Nitrosodi-n-propylamine	70	4.669	4.669	0.000	94	793967	10.0	11.3	
	24 3 & 4 Methylphenol	108	4.681	4.687	-0.006	0	669429	10.0	7.20	
	25 4-Methylphenol	108	4.681	4.681	-0.006	96	667248	10.0	7.18	a
	26 Hexachloroethane	117	4.769	4.769	0.000	92	377269	10.0	9.54	
$	27 Nitrobenzene-d5	82	4.810	4.810	0.000	92	1142869	10.0	8.92	
	28 Nitrobenzene	123	4.834	4.834	0.000	89	445060	10.0	9.85	
	29 n,n'-Dimethylaniline	120	4.834	4.834	0.000	93	1403017	10.0	9.40	
	30 Isophorone	82	5.057	5.057	0.000	98	1942369	10.0	9.84	
	31 2-Nitrophenol	139	5.134	5.140	-0.006	79	430999	10.0	8.24	
	33 2,4-Dimethylphenol	122	5.187	5.193	-0.005	88	702495	10.0	8.05	
	34 Bis(2-chloroethoxy)methane	93	5.269	5.269	0.000	96	1121670	10.0	9.61	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.263	5.287	-0.024	90	44485	10.0	1.51	
36 2,4-Dichlorophenol	162	5.375	5.375	0.000	92	625257	10.0	7.46	
37 1,2,4-Trichlorobenzene	180	5.445	5.445	0.000	94	692209	10.0	7.79	
* 38 Naphthalene-d8	136	5.498	5.498	0.000	99	2258531	8.00	8.00	
39 Naphthalene	128	5.516	5.522	-0.006	98	2645307	10.0	8.88	
40 4-Chloroaniline	127	5.575	5.575	0.000	97	937824	10.0	8.11	
41 2,6-Dichlorophenol	162	5.587	5.587	0.000	93	624983	10.0	7.61	
43 Hexachlorobutadiene	225	5.645	5.651	-0.006	91	391749	10.0	6.87	
44 Caprolactam	113	5.893	5.893	0.001	88	49214	5.00	2.19	
45 4-Chloro-3-methylphenol	107	6.051	6.051	0.000	96	658801	10.0	7.82	
46 2-Methylnaphthalene	142	6.175	6.181	-0.006	84	1666681	10.0	8.35	
47 1-Methylnaphthalene	142	6.269	6.269	0.000	93	1558751	10.0	8.66	
48 Hexachlorocyclopentadiene	237	6.334	6.334	-0.005	94	447856	10.0	6.55	
49 1,2,4,5-Tetrachlorobenzene	216	6.340	6.334	0.001	94	648147	10.0	7.35	
50 2-tertbutyl-4-methylphenol	149	6.381	6.381	0.000	87	1045556	10.0	8.29	
51 2,4,6-Trichlorophenol	196	6.451	6.452	-0.006	84	426134	10.0	7.51	
52 2,4,5-Trichlorophenol	196	6.487	6.487	-0.005	92	453216	10.0	7.40	
$ 53 2-Fluorobiphenyl	172	6.528	6.528	0.000	97	1834237	10.0	8.44	
54 1,1'-Biphenyl	154	6.622	6.622	0.000	96	2030132	10.0	8.79	
55 2-Chloronaphthalene	162	6.634	6.634	-0.005	97	1478215	10.0	8.66	
56 Phenyl ether	170	6.716	6.722	-0.006	92	1072687	10.0	8.60	
57 2-Nitroaniline	65	6.734	6.734	-0.005	93	710184	10.0	10.1	
58 1,3-Dimethylnaphthalene	156	6.845	6.840	0.000	90	1272202	10.0	8.97	
59 Dimethyl phthalate	163	6.910	6.910	-0.006	97	1658010	10.0	8.78	
60 Coumarin	146	6.928	6.928	0.000	75	549788	10.0	9.06	
61 2,6-Dinitrotoluene	165	6.963	6.969	-0.006	89	364242	10.0	8.71	
62 Acenaphthylene	152	7.022	7.028	-0.006	97	2313694	10.0	8.63	
63 3-Nitroaniline	138	7.122	7.128	-0.006	91	385902	10.0	9.20	
* 64 Acenaphthene-d10	164	7.157	7.163	-0.006	95	1196080	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.187	7.187	-0.005	98	1368058	10.0	7.95	
66 Acenaphthene	154	7.192	7.192	0.000	96	1504573	10.0	7.86	
67 2,4-Dinitrophenol	184	7.222	7.216	0.000	83	331348	20.0	13.2	
68 4-Nitrophenol	65	7.304	7.310	-0.006	95	270668	20.0	7.41	
69 2,4-Dinitrotoluene	165	7.339	7.339	-0.006	89	475652	10.0	8.61	
70 Dibenzofuran	168	7.351	7.357	-0.006	97	2091004	10.0	8.68	
71 2,3,4,6-Tetrachlorophenol	232	7.475	7.475	-0.006	89	325453	10.0	7.02	
72 Diethyl phthalate	149	7.575	7.581	-0.006	97	1657693	10.0	9.03	
73 Fluorene	166	7.675	7.675	0.000	93	1709034	10.0	8.93	
74 4-Chlorophenyl phenyl ether	204	7.675	7.674	-0.006	74	749613	10.0	7.99	
75 4-Nitroaniline	138	7.698	7.698	-0.006	96	395276	10.0	9.63	
76 4,6-Dinitro-2-methylphenol	198	7.728	7.728	0.000	83	474865	20.0	14.7	
78 N-Nitrosodiphenylamine	169	7.787	7.792	-0.005	69	1164599	10.0	8.58	
79 1,2-Diphenylhydrazine	77	7.822	7.828	-0.006	51	2182666	10.0	10.6	
$ 80 2,4,6-Tribromophenol	330	7.904	7.904	0.000	87	181639	10.0	7.24	
81 4-Bromophenyl phenyl ether	248	8.134	8.134	0.001	76	407628	10.0	8.08	
82 Hexachlorobenzene	284	8.198	8.198	0.000	98	417668	10.0	7.31	
83 Atrazine	200	8.298	8.298	0.000	84	318968	5.00	6.53	E
84 Pentachlorophenol	266	8.386	8.386	0.000	91	409320	20.0	12.2	
85 Pentachloronitrobenzene	237	8.398	8.398	0.000	84	188597	10.0	7.17	
87 n-Octadecane	57	8.469	8.469	0.000	96	1819378	10.0	12.5	
* 88 Phenanthrene-d10	188	8.551	8.551	0.000	99	1979418	8.00	8.00	
89 Phenanthrene	178	8.575	8.575	0.000	98	2330233	10.0	8.56	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Anthracene	178	8.622	8.622	0.000	98	2316859	10.0	8.44	
91 Carbazole	167	8.775	8.781	-0.005	96	2005352	10.0	8.62	
92 Di-n-butyl phthalate	149	9.110	9.116	-0.006	99	2590845	10.0	9.65	
93 Fluoranthene	202	9.686	9.692	-0.006	97	2092492	10.0	7.86	
94 Benzidine	184	9.816	9.816	-0.006	99	684794	10.0	4.91	
95 Pyrene	202	9.898	9.904	-0.006	96	2091589	10.0	8.84	
96 Bisphenol-A	213	9.963	9.963	0.000	97	293837	5.00	3.10	
$ 97 Terphenyl-d14	244	10.051	10.057	-0.006	97	1569148	10.0	8.71	
98 Butyl benzyl phthalate	149	10.539	10.539	0.000	96	883057	10.0	9.89	
100 Carbamazepine	193	10.645	10.645	0.000	92	690573	10.0	8.77	
101 3,3'-Dichlorobenzidine	252	11.098	11.098	-0.006	99	560452	10.0	8.49	
102 Benzo[a]anthracene	228	11.116	11.122	-0.006	100	1656408	10.0	8.25	
* 103 Chrysene-d12	240	11.127	11.133	-0.006	98	1243403	8.00	8.00	
104 Chrysene	228	11.157	11.157	0.000	98	1505190	10.0	7.88	
105 Bis(2-ethylhexyl) phthalate	149	11.175	11.180	-0.005	90	1257594	10.0	10.5	
106 Di-n-octyl phthalate	149	11.969	11.969	0.000	96	1927309	10.0	8.75	
107 Benzo[b]fluoranthene	252	12.427	12.433	-0.006	97	1435125	10.0	7.83	
108 Benzo[k]fluoranthene	252	12.463	12.469	-0.005	99	1608353	10.0	8.63	
109 Benzo[a]pyrene	252	12.857	12.863	-0.006	96	1268315	10.0	7.59	
* 110 Perylene-d12	264	12.939	12.939	0.000	96	1188782	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.421	14.421	0.000	98	1439353	10.0	9.81	
112 Dibenz(a,h)anthracene	278	14.457	14.462	-0.005	97	1576547	10.0	10.3	
113 Benzo[g,h,i]perylene	276	14.815	14.827	-0.012	95	1608784	10.0	10.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

a - User Assigned ID

Reagents:

SM_ISTD_LVI_00193 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-May-2022 13:51:01 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20220501-144731.b\A187693.D

Injection Date: 01-May-2022 12:39:30 Instrument ID: CBNAMS16 Operator ID:

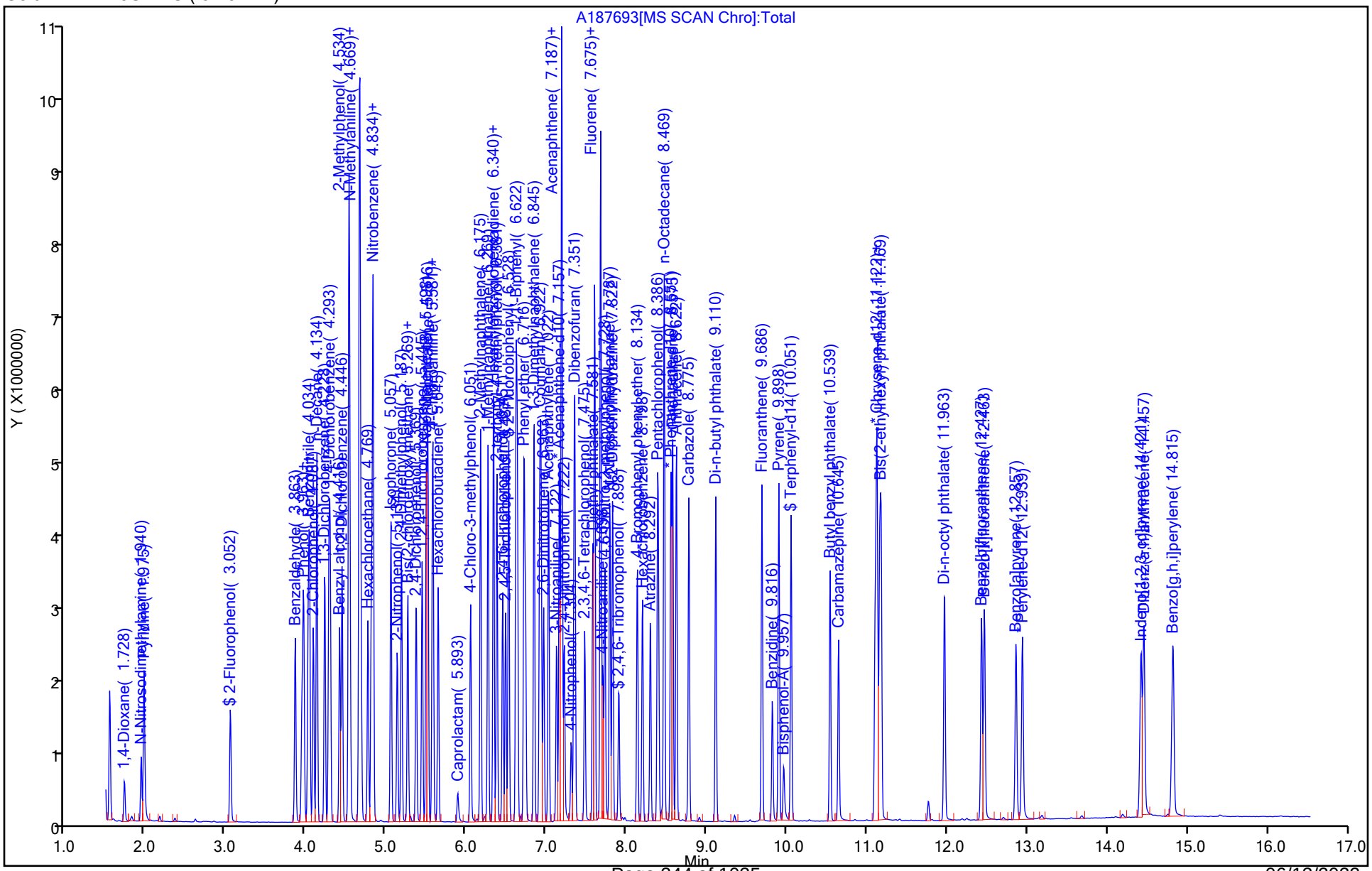
Lims ID: LCSD 460-842255/3-A Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270LVI_16 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-257020-E-10-A MS

Matrix: Solid | Lab File ID: X41309.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/28/2022 10:05

Sample wt/vol: 15.01(g) | Date Analyzed: 04/28/2022 23:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.5 % Solids: 91.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 841837 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	3560		360	13
95-94-3	1,2,4,5-Tetrachlorobenzene	3710		360	11
108-60-1	2,2'-oxybis[1-chloropropane]	1760		360	6.5
58-90-2	2,3,4,6-Tetrachlorophenol	3880		360	24
95-95-4	2,4,5-Trichlorophenol	3630		360	37
88-06-2	2,4,6-Trichlorophenol	3690		150	46
120-83-2	2,4-Dichlorophenol	3590		150	23
105-67-9	2,4-Dimethylphenol	2840		360	43
51-28-5	2,4-Dinitrophenol	5920		290	180
121-14-2	2,4-Dinitrotoluene	3620		73	39
606-20-2	2,6-Dinitrotoluene	3660		73	26
91-58-7	2-Chloronaphthalene	3470		360	17
95-57-8	2-Chlorophenol	2870		360	13
91-57-6	2-Methylnaphthalene	3100		360	10
95-48-7	2-Methylphenol	2670		360	13
88-74-4	2-Nitroaniline	2910		360	28
88-75-5	2-Nitrophenol	3010		360	36
91-94-1	3,3'-Dichlorobenzidine	3200		150	55
99-09-2	3-Nitroaniline	3180		360	86
534-52-1	4,6-Dinitro-2-methylphenol	6850		290	150
101-55-3	4-Bromophenyl phenyl ether	3970		360	14
59-50-7	4-Chloro-3-methylphenol	3220		360	20
106-47-8	4-Chloroaniline	2650		360	64
7005-72-3	4-Chlorophenyl phenyl ether	3640		360	13
106-44-5	4-Methylphenol	2800		360	23
100-01-6	4-Nitroaniline	2990		360	42
100-02-7	4-Nitrophenol	5620		730	59
83-32-9	Acenaphthene	3070		360	10
208-96-8	Acenaphthylene	3280		360	10
98-86-2	Acetophenone	2720		360	18
120-12-7	Anthracene	3520		360	11
1912-24-9	Atrazine	2170		150	21
100-52-7	Benzaldehyde	1240		360	60

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-257020-E-10-A MS

Matrix: Solid | Lab File ID: X41309.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/28/2022 10:05

Sample wt/vol: 15.01(g) | Date Analyzed: 04/28/2022 23:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.5 % Solids: 91.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 841837 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	3430		36	13
50-32-8	Benzo[a]pyrene	3260		36	9.6
205-99-2	Benzo[b]fluoranthene	3530		36	9.3
191-24-2	Benzo[g,h,i]perylene	3640		360	11
207-08-9	Benzo[k]fluoranthene	3860		36	7.1
111-91-1	Bis(2-chloroethoxy)methane	2740		360	28
111-44-4	Bis(2-chloroethyl)ether	2460		36	13
117-81-7	Bis(2-ethylhexyl) phthalate	3510		360	19
85-68-7	Butyl benzyl phthalate	3550		360	17
105-60-2	Caprolactam	2010		360	56
86-74-8	Carbazole	3460		360	14
218-01-9	Chrysene	3400		360	6.1
53-70-3	Dibenz(a,h)anthracene	3770		36	16
132-64-9	Dibenzofuran	3690		360	12
84-66-2	Diethyl phthalate	3560		360	12
131-11-3	Dimethyl phthalate	3610		360	82
84-74-2	Di-n-butyl phthalate	3380		360	14
117-84-0	Di-n-octyl phthalate	3530		360	19
206-44-0	Fluoranthene	3470		360	13
86-73-7	Fluorene	3620		360	11
118-74-1	Hexachlorobenzene	4030		36	17
87-68-3	Hexachlorobutadiene	3190		73	7.7
77-47-4	Hexachlorocyclopentadiene	2890		360	32
67-72-1	Hexachloroethane	2710		36	12
193-39-5	Indeno[1,2,3-cd]pyrene	3770		36	14
78-59-1	Isophorone	2660		150	100
91-20-3	Naphthalene	3010		360	6.2
98-95-3	Nitrobenzene	2790		36	20
621-64-7	N-Nitrosodi-n-propylamine	2520		36	26
86-30-6	N-Nitrosodiphenylamine	3570		360	30
87-86-5	Pentachlorophenol	7240		290	74
85-01-8	Phenanthrene	3540		360	6.4
108-95-2	Phenol	2780		360	13

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-257020-E-10-A MS

Matrix: Solid | Lab File ID: X41309.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/28/2022 10:05

Sample wt/vol: 15.01(g) | Date Analyzed: 04/28/2022 23:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.5 % Solids: 91.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 841837 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
129-00-0	Pyrene	3810		360	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	110		10-123
321-60-8	2-Fluorobiphenyl	89		22-122
367-12-4	2-Fluorophenol (Surr)	66		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	65		16-125
4165-62-2	Phenol-d5 (Surr)	69		23-120
1718-51-0	Terphenyl-d14 (Surr)	98		25-126

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-257020-E-10-B MSD

Matrix: Solid | Lab File ID: X41310.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/28/2022 10:05

Sample wt/vol: 15.02(g) | Date Analyzed: 04/29/2022 00:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.5 % Solids: 91.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 841837 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	3450		360	13
95-94-3	1,2,4,5-Tetrachlorobenzene	3670		360	11
108-60-1	2,2'-oxybis[1-chloropropane]	1860		360	6.5
58-90-2	2,3,4,6-Tetrachlorophenol	3680		360	24
95-95-4	2,4,5-Trichlorophenol	3740		360	37
88-06-2	2,4,6-Trichlorophenol	3430		150	46
120-83-2	2,4-Dichlorophenol	3590		150	23
105-67-9	2,4-Dimethylphenol	2690		360	43
51-28-5	2,4-Dinitrophenol	5000		290	180
121-14-2	2,4-Dinitrotoluene	3550		73	39
606-20-2	2,6-Dinitrotoluene	3510		73	26
91-58-7	2-Chloronaphthalene	3490		360	17
95-57-8	2-Chlorophenol	2960		360	13
91-57-6	2-Methylnaphthalene	3190		360	10
95-48-7	2-Methylphenol	2710		360	13
88-74-4	2-Nitroaniline	2460		360	28
88-75-5	2-Nitrophenol	3130		360	36
91-94-1	3,3'-Dichlorobenzidine	3010		150	55
99-09-2	3-Nitroaniline	3110		360	86
534-52-1	4,6-Dinitro-2-methylphenol	6340		290	150
101-55-3	4-Bromophenyl phenyl ether	3920		360	14
59-50-7	4-Chloro-3-methylphenol	3130		360	20
106-47-8	4-Chloroaniline	2690		360	64
7005-72-3	4-Chlorophenyl phenyl ether	3510		360	13
106-44-5	4-Methylphenol	2750		360	23
100-01-6	4-Nitroaniline	2750		360	41
100-02-7	4-Nitrophenol	5340		730	59
83-32-9	Acenaphthene	3000		360	10
208-96-8	Acenaphthylene	3210		360	10
98-86-2	Acetophenone	2830		360	18
120-12-7	Anthracene	3500		360	11
1912-24-9	Atrazine	2180		150	21
100-52-7	Benzaldehyde	1380		360	60

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-257020-E-10-B MSD

Matrix: Solid | Lab File ID: X41310.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/28/2022 10:05

Sample wt/vol: 15.02(g) | Date Analyzed: 04/29/2022 00:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.5 % Solids: 91.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 841837 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	3330		36	13
50-32-8	Benzo[a]pyrene	3180		36	9.6
205-99-2	Benzo[b]fluoranthene	3410		36	9.3
191-24-2	Benzo[g,h,i]perylene	3480		360	11
207-08-9	Benzo[k]fluoranthene	3660		36	7.1
111-91-1	Bis(2-chloroethoxy)methane	2800		360	28
111-44-4	Bis(2-chloroethyl)ether	2600		36	13
117-81-7	Bis(2-ethylhexyl) phthalate	3440		360	19
85-68-7	Butyl benzyl phthalate	3490		360	17
105-60-2	Caprolactam	2020		360	56
86-74-8	Carbazole	3270		360	14
218-01-9	Chrysene	3340		360	6.1
53-70-3	Dibenz(a,h)anthracene	3600		36	16
132-64-9	Dibenzofuran	3570		360	12
84-66-2	Diethyl phthalate	3400		360	12
131-11-3	Dimethyl phthalate	3460		360	82
84-74-2	Di-n-butyl phthalate	3310		360	14
117-84-0	Di-n-octyl phthalate	3370		360	19
206-44-0	Fluoranthene	3310		360	13
86-73-7	Fluorene	3470		360	11
118-74-1	Hexachlorobenzene	3920		36	17
87-68-3	Hexachlorobutadiene	3320		73	7.7
77-47-4	Hexachlorocyclopentadiene	3060		360	32
67-72-1	Hexachloroethane	2750		36	12
193-39-5	Indeno[1,2,3-cd]pyrene	3680		36	14
78-59-1	Isophorone	2730		150	100
91-20-3	Naphthalene	3120		360	6.2
98-95-3	Nitrobenzene	2880		36	20
621-64-7	N-Nitrosodi-n-propylamine	2550		36	26
86-30-6	N-Nitrosodiphenylamine	3410		360	30
87-86-5	Pentachlorophenol	6830		290	74
85-01-8	Phenanthrene	3460		360	6.3
108-95-2	Phenol	2790		360	13

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-257020-E-10-B MSD

Matrix: Solid | Lab File ID: X41310.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 04/28/2022 10:05

Sample wt/vol: 15.02(g) | Date Analyzed: 04/29/2022 00:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.5 % Solids: 91.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 841837 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
129-00-0	Pyrene	3670		360	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	104		10-123
321-60-8	2-Fluorobiphenyl	88		22-122
367-12-4	2-Fluorophenol (Surr)	69		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	68		16-125
4165-62-2	Phenol-d5 (Surr)	71		23-120
1718-51-0	Terphenyl-d14 (Surr)	98		25-126

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: CBNAMS16 Start Date: 03/08/2022 09:05

Analysis Batch Number: 832222 End Date: 03/08/2022 15:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-832222/1		03/08/2022 09:05	1	A186566.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-832222/2		03/08/2022 09:18	1	A186567.D	Rtxi-5Sil MS 0.25(mm)
STD24 460-832222/3 IC		03/08/2022 09:39	1	A186568.D	Rtxi-5Sil MS 0.25(mm)
STD16 460-832222/4 IC		03/08/2022 10:00	1	A186569.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-832222/5 IC		03/08/2022 10:21	1	A186570.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-832222/6 IC		03/08/2022 10:42	1	A186571.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-832222/7 IC		03/08/2022 11:03	1	A186572.D	Rtxi-5Sil MS 0.25(mm)
STD04 460-832222/8 IC		03/08/2022 11:24	1	A186573.D	Rtxi-5Sil MS 0.25(mm)
STD02 460-832222/9 IC		03/08/2022 11:45	1	A186574.D	Rtxi-5Sil MS 0.25(mm)
STD01 460-832222/10 IC		03/08/2022 12:06	1	A186575.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-832222/11		03/08/2022 12:27	1	A186576.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/08/2022 13:05	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/08/2022 13:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/08/2022 13:47	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/08/2022 14:08	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/08/2022 14:29	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/08/2022 14:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/08/2022 15:11	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: CBNAMS16 Start Date: 05/01/2022 11:13

Analysis Batch Number: 842273 End Date: 05/01/2022 22:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-842273/2		05/01/2022 11:13	1	A187689.D	Rtxi-5Sil MS 0.25(mm)
MB 460-842255/1-A		05/01/2022 11:56	1	A187691.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-842255/2-A		05/01/2022 12:17	1	A187692.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-842255/3-A		05/01/2022 12:39	1	A187693.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 13:00	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 13:21	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 13:42	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 14:03	50		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 14:45	50		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 15:27	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 15:47	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 16:09	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 20:28	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 20:49	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 21:10	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 21:31	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 21:53	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 22:14	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 22:35	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 22:56	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: CBNAMS17 Start Date: 03/10/2022 10:28

Analysis Batch Number: 832677 End Date: 03/10/2022 23:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-832677/1		03/10/2022 10:28	1	M234654.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-832677/2		03/10/2022 10:44	1	M234655.D	Rtxi-5Sil MS 0.25(mm)
STD24 460-832677/3 IC		03/10/2022 11:04	1	M234656.D	Rtxi-5Sil MS 0.25(mm)
STD16 460-832677/4 IC		03/10/2022 11:25	1	M234657.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-832677/5 IC		03/10/2022 11:47	1	M234658.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-832677/6 IC		03/10/2022 12:08	1	M234659.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-832677/7 IC		03/10/2022 12:29	1	M234660.D	Rtxi-5Sil MS 0.25(mm)
STD04 460-832677/8 IC		03/10/2022 12:50	1	M234661.D	Rtxi-5Sil MS 0.25(mm)
STD02 460-832677/9 IC		03/10/2022 13:11	1	M234662.D	Rtxi-5Sil MS 0.25(mm)
STD01 460-832677/10 IC		03/10/2022 13:32	1	M234663.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-832677/11		03/10/2022 13:53	1	M234664.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/10/2022 14:14	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/10/2022 14:35	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/10/2022 14:56	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/10/2022 15:59	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/10/2022 16:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/10/2022 16:41	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/10/2022 17:02	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/10/2022 17:23	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/10/2022 17:44	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/10/2022 18:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/10/2022 19:08	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/10/2022 19:29	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/10/2022 19:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/10/2022 20:11	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/10/2022 20:32	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/10/2022 20:53	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/10/2022 21:14	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/10/2022 21:35	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/10/2022 21:56	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/10/2022 22:17	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/10/2022 22:38	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/10/2022 22:59	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/10/2022 23:20	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: CBNAMS17 Start Date: 05/01/2022 11:05

Analysis Batch Number: 842277 End Date: 05/01/2022 22:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-842277/2		05/01/2022 11:05	1	M235860.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 11:48	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 12:09	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 12:39	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 13:00	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 13:21	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 13:42	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 14:03	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 14:24	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 14:45	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 15:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 15:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 15:47	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 16:08	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 16:29	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 16:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 17:11	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 17:32	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 17:53	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 18:14	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 18:35	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 18:56	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 20:31	1		Rtxi-5Sil MS 0.25(mm)
LB 460-842221/1-B		05/01/2022 20:52	1	M235886.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 21:13	1		Rtxi-5Sil MS 0.25(mm)
460-257083-1	CC-COMP-01	05/01/2022 21:34	1	M235888.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 21:55	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 22:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 22:37	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2022 22:58	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: CBNAMS5 Start Date: 03/29/2022 09:43

Analysis Batch Number: 836125 End Date: 03/29/2022 13:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-836125/1		03/29/2022 09:43	1	X40639.d	Rtxi-5Sil MS 0.25(mm)
ICIS 460-836125/2		03/29/2022 09:55	1	X40640.d	Rtxi-5Sil MS 0.25(mm)
STD120 460-836125/3 IC		03/29/2022 10:19	1	X40641.d	Rtxi-5Sil MS 0.25(mm)
STD80 460-836125/4 IC		03/29/2022 10:49	1	X40642.d	Rtxi-5Sil MS 0.25(mm)
STD20 460-836125/5 IC		03/29/2022 11:13	1	X40643.d	Rtxi-5Sil MS 0.25(mm)
STD10 460-836125/6 IC		03/29/2022 11:37	1	X40644.d	Rtxi-5Sil MS 0.25(mm)
STD5 460-836125/7 IC		03/29/2022 12:02	1	X40645.d	Rtxi-5Sil MS 0.25(mm)
STD2 460-836125/8 IC		03/29/2022 12:26	1	X40646.d	Rtxi-5Sil MS 0.25(mm)
STD1 460-836125/9 IC		03/29/2022 12:51	1	X40647.d	Rtxi-5Sil MS 0.25(mm)
STD05 460-836125/10 IC		03/29/2022 13:15	1	X40648.d	Rtxi-5Sil MS 0.25(mm)
ICV 460-836125/11		03/29/2022 13:39	1	X40649.d	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: CBNAMS5 Start Date: 04/28/2022 21:29

Analysis Batch Number: 841837 End Date: 04/29/2022 09:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-841837/2		04/28/2022 21:29	1	X41303.d	Rtxi-5Sil MS 0.25(mm)
MB 460-841753/1-A		04/28/2022 22:18	1	X41305.d	Rtxi-5Sil MS 0.25(mm)
LCS 460-841753/2-A		04/28/2022 22:41	1	X41306.d	Rtxi-5Sil MS 0.25(mm)
LCSD 460-841753/3-A		04/28/2022 23:05	1	X41307.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/28/2022 23:29	1		Rtxi-5Sil MS 0.25(mm)
460-257020-E-10-A MS		04/28/2022 23:53	1	X41309.d	Rtxi-5Sil MS 0.25(mm)
460-257020-E-10-B MSD		04/29/2022 00:17	1	X41310.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2022 00:41	1		Rtxi-5Sil MS 0.25(mm)
460-257083-1	CC-COMP-01	04/29/2022 01:05	1	X41312.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2022 01:29	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2022 01:54	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2022 02:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2022 02:43	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2022 03:07	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2022 03:32	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2022 03:56	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2022 04:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2022 04:44	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2022 05:08	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2022 05:33	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2022 05:57	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2022 06:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2022 06:44	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2022 07:09	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2022 07:33	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2022 07:57	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2022 08:21	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2022 08:44	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2022 09:08	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 832222 Batch Start Date: 03/08/22 09:05 Batch Analyst: Johnston, Mark D

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	SMDFTP_CH 00034	SV_BNAL1_LVI 00003	SV_BNAL2_LVI 00003	SV_BNAL3_LVI 00004	SV_BNAL4_LVI 00004	SV_BNAL5_LVI 00004
DFTPP 460-832222/1		8270E		1 mL					
ICIS 460-832222/2		8270E							
STD24 460-832222/3 IC		8270E							
STD16 460-832222/4 IC		8270E							
STD4 460-832222/5 IC		8270E							
STD2 460-832222/6 IC		8270E							1 mL
STD1 460-832222/7 IC		8270E						1 mL	
STD04 460-832222/8 IC		8270E					1 mL		
STD02 460-832222/9 IC		8270E				1 mL			
STD01 460-832222/10 IC		8270E			1 mL				
ICV 460-832222/11		8270E							

Lab Sample ID	Client Sample ID	Method Chain	Basis	SV_BNAL6_LVI 00005	SV_BNAL7_LVI 00004	SV_BNAL8_LVI 00004	SV_BNAL9_LVI 00003	SV_ICV_ LVI 00007	
DFTPP 460-832222/1		8270E							
ICIS 460-832222/2		8270E			1 mL				
STD24 460-832222/3 IC		8270E					1 mL		
STD16 460-832222/4 IC		8270E				1 mL			
STD4 460-832222/5 IC		8270E		1 mL					
STD2 460-832222/6 IC		8270E							
STD1 460-832222/7 IC		8270E							
STD04 460-832222/8 IC		8270E							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 832222 Batch Start Date: 03/08/22 09:05 Batch Analyst: Johnston, Mark D

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	SV_BNAL6_LVI 00005	SV_BNAL7_LVI 00004	SV_BNAL8_LVI 00004	SV_BNAL9_LVI 00003	SV_ICV_ LVI 00007	
STD02 460-832222/9 IC		8270E							
STD01 460-832222/10 IC		8270E							
ICV 460-832222/11		8270E						1 mL	

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 832677 Batch Start Date: 03/10/22 10:28 Batch Analyst: Johnston, Mark D

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	SMDFTP_CH 00034	SV_BNAL1_LVI 00003	SV_BNAL2_LVI 00003	SV_BNAL3_LVI 00004	SV_BNAL4_LVI 00004
DFTPP 460-832677/1		8270E			1 mL				
ICIS 460-832677/2		8270E		1.0 mL					
STD24 460-832677/3 IC		8270E		1.0 mL					
STD16 460-832677/4 IC		8270E		1.0 mL					
STD4 460-832677/5 IC		8270E		1.0 mL					
STD2 460-832677/6 IC		8270E		1.0 mL					
STD1 460-832677/7 IC		8270E		1.0 mL					1 mL
STD04 460-832677/8 IC		8270E		1.0 mL				1 mL	
STD02 460-832677/9 IC		8270E		1.0 mL			1 mL		
STD01 460-832677/10 IC		8270E		1.0 mL		1 mL			
ICV 460-832677/11		8270E							

Lab Sample ID	Client Sample ID	Method Chain	Basis	SV_BNAL5_LVI 00004	SV_BNAL6_LVI 00005	SV_BNAL7_LVI 00004	SV_BNAL8_LVI 00004	SV_BNAL9_LVI 00003	SV_ICV_ LVI 00006
DFTPP 460-832677/1		8270E							
ICIS 460-832677/2		8270E				1 mL			
STD24 460-832677/3 IC		8270E						1 mL	
STD16 460-832677/4 IC		8270E					1 mL		
STD4 460-832677/5 IC		8270E			1 mL				
STD2 460-832677/6 IC		8270E		1 mL					
STD1 460-832677/7 IC		8270E							
STD04 460-832677/8 IC		8270E							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 832677 Batch Start Date: 03/10/22 10:28 Batch Analyst: Johnston, Mark D

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	SV_BNAL5_LVI 00004	SV_BNAL6_LVI 00005	SV_BNAL7_LVI 00004	SV_BNAL8_LVI 00004	SV_BNAL9_LVI 00003	SV_ICV_ LVI 00006
STD02 460-832677/9 IC		8270E							
STD01 460-832677/10 IC		8270E							
ICV 460-832677/11		8270E							1 mL

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 836125 Batch Start Date: 03/29/22 09:43 Batch Analyst: Johnston, Mark D

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	SMDFTP_CH 00033	SV_BNA_ICV 00006	SV_BNA_L1 00003	SV_BNA_L2 00003	SV_BNA_L3 00003	SV_BNA_L4 00003
DFTPP 460-836125/1		8270E		1 mL					
ICIS 460-836125/2		8270E							
STD120 460-836125/3 IC		8270E							
STD80 460-836125/4 IC		8270E							
STD20 460-836125/5 IC		8270E							
STD10 460-836125/6 IC		8270E							
STD5 460-836125/7 IC		8270E							1 mL
STD2 460-836125/8 IC		8270E						1 mL	
STD1 460-836125/9 IC		8270E					1 mL		
STD05 460-836125/10 IC		8270E				1 mL			
ICV 460-836125/11		8270E			1 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	SV_BNA_L5 00003	SV_BNA_L6 00003	SV_BNA_L7 00003	SV_BNA_L8 00003	SV_BNA_L9 00003	
DFTPP 460-836125/1		8270E							
ICIS 460-836125/2		8270E				1 mL			
STD120 460-836125/3 IC		8270E						1 mL	
STD80 460-836125/4 IC		8270E					1 mL		
STD20 460-836125/5 IC		8270E			1 mL				
STD10 460-836125/6 IC		8270E		1 mL					
STD5 460-836125/7 IC		8270E							
STD2 460-836125/8 IC		8270E							
STD1 460-836125/9 IC		8270E							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 836125 Batch Start Date: 03/29/22 09:43 Batch Analyst: Johnston, Mark D

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	SV_BNA_L5 00003	SV_BNA_L6 00003	SV_BNA_L7 00003	SV_BNA_L8 00003	SV_BNA_L9 00003	
STD05 460-836125/10 IC		8270E							
ICV 460-836125/11		8270E							

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 841753 Batch Start Date: 04/28/22 10:05 Batch Analyst: Santos, Omar T

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_Benzald_sp 00018	OP_BNA SPIK 00043	OP_BNASurroga 00022	
MB 460-841753/1		3546, 8270E		15.00 g	1 mL			500 uL	
LCS 460-841753/2		3546, 8270E		15.00 g	1 mL	10 uL	500 uL	500 uL	
LCSD 460-841753/3		3546, 8270E		15.00 g	1 mL	10 uL	500 uL	500 uL	
460-257020-E-10 MS		3546, 8270E	T	15.01 g	1 mL	10 uL	500 uL	500 uL	
460-257020-E-10 MSD		3546, 8270E	T	15.02 g	1 mL	10 uL	500 uL	500 uL	
460-257083-E-1	CC-COMP-01	3546, 8270E	T	15.02 g	1 mL			500 uL	

Batch Notes	
Method/Fraction	3546 / 8270E
Balance ID	34
Microwave Oven ID	MD-1952
Analyst ID - Extraction	OS
Blank Matrix ID	181427
Analyst ID - Spike Analyst	OS
Analyst ID - Spike Witness Analyst	FW
Prep Solvent ID	Dichloromethane: 1862006 & Acetone: 2762007
Na2SO4 ID	214885
Analyst ID - Concentration	OS
Equipment ID - Concentration 1	31869
Thermometer ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	34.0 Degrees C
Concentration 1 Corrected Temperature	34.0 Degrees C
Vial Lot Number	21036163
Batch Comment	BNA Soil

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 842221 Batch Start Date: 04/30/22 15:00 Batch Analyst: Gao, Yong X

Batch Method: 1311 Batch End Date: 05/01/22 07:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EFD_InitialpH	EFD_AddHClpH>5	VesselNumber	FiltCompDate
LB 460-842221/1		1311, 3510C, 8270E		100.00 g	2000 mL	4.93 SU		30	05/01/22
460-257083-E-1	CC-COMP-01	1311, 3510C, 8270E	P	100.07 g	2000 mL	12.14 SU	2.44	26	05/01/22

Lab Sample ID	Client Sample ID	Method Chain	Basis	FiltCompTime	LeachatepH	ExtractFluid	AnalysisComment		
LB 460-842221/1		1311, 3510C, 8270E		0700	4.93 SU	TF1042922	TCLP Fluid #1; prep on 04/29/2022. exp on 10/29/2022; pH measured on 05/01/22		
460-257083-E-1	CC-COMP-01	1311, 3510C, 8270E	P	0720	10.62 SU	TF1042922	TCLP Fluid #1; prep on 04/29/2022. exp on 10/29/2022; pH measured on 05/01/22		

Batch Notes	
Thermometer ID	Min/Max S/NC 187675
Tumbler Rotations per Minute	29
Balance ID	13
pH Meter ID	H
Room Temperature Thermometer ID	Ambient ID S72864, Temp 21.1
TCLP Fluid 2 ID	TF1042922; prep on 04/29/22; Exp.10/29/22
TCLP Fluid 2 pH	4.93
1N HCl ID	1N HCl, TCLP 2993, Exp. 09/08/2022
Filter ID	Environmental Express/ 400190-1305-T
Uncorrected Maximum Temperature	21.3 Degrees C
Maximum Temperature	21.3 Degrees C
Uncorrected Minimum Temperature	20.9 Degrees C
Minimum Temperature	20.9 Degrees C

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 842221 Batch Start Date: 04/30/22 15:00 Batch Analyst: Gao, Yong X

Batch Method: 1311 Batch End Date: 05/01/22 07:00

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 842255 Batch Start Date: 05/01/22 06:57 Batch Analyst: Huma, Zill E

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_Benzald_sp 00018
MB 460-842255/1		3510C, 8270E		250 mL	2 mL	7 SU	<2 SU	>12 SU	
LCS 460-842255/2		3510C, 8270E		250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
LCSD 460-842255/3		3510C, 8270E		250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
LB 460-842221/1-A		3510C, 8270E		250 mL	2 mL	5 SU	<2 SU	>12 SU	
460-257083-E-1-F	CC-COMP-01	3510C, 8270E	P	250 mL	2 mL	10 SU	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_BNA SPIK 00043	OP_BNASurroga 00023				
MB 460-842255/1		3510C, 8270E			200 uL				
LCS 460-842255/2		3510C, 8270E		200 uL	200 uL				
LCSD 460-842255/3		3510C, 8270E		200 uL	200 uL				
LB 460-842221/1-A		3510C, 8270E			200 uL				
460-257083-E-1-F	CC-COMP-01	3510C, 8270E	P		200 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 842255 Batch Start Date: 05/01/22 06:57 Batch Analyst: Huma, Zill E

Batch Method: 3510C Batch End Date:

Batch Notes	
Method/Fraction	3510C_LVI / 8270E
pH Indicator ID	HC-022887
Analyst ID - Extraction	zh
Analyst ID - Spike Analyst	zh
Analyst ID - Spike Witness Analyst	dD
Sufficient Volume for Batch QC	Yes
Acid Used for pH Adjustment ID	276386
Base Used to Adjust pH ID	OP3048
Prep Solvent ID	Methylene Chloride: 1862006
Prep Solvent Volume Used	180 mL
Na2SO4 ID	214885
Analyst ID - Concentration	zh
Equipment ID - Concentration 1	31869
Thermometer ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	35 Degrees C
Concentration 1 Corrected Temperature	35 Degrees C
Vial Lot Number	20046103
Batch Comment	BNA Water

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8081B

Organochlorine Pesticides by Gas Chromatography

FORM II
PESTICIDES SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCBP1 #	DCBP2 #
CC-COMP-01	460-257083-1	58	64	73	82
	MB 460-842217/1-A	83	82	87	89
	LCS 460-842217/2-A	71	64	65	70
	LCSD 460-842217/3-A	71	63	66	69
	460-257224-A-6-G MS	50	65	46	81
	460-257224-A-6-H MSD	54	56	53	65

	QC LIMITS
TCX = Tetrachloro-m-xylene	26-137
DCBP = DCB Decachlorobiphenyl	43-150

Column to be used to flag recovery values

FORM II 8081B

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: PEST0037263.D

Lab ID: LCS 460-842217/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4,4'-DDD	133	130	98	64-132	
4,4'-DDD	133	137	103	64-132	
4,4'-DDE	133	131	98	71-137	
4,4'-DDE	133	136	102	71-137	
4,4'-DDT	133	153	115	55-138	
4,4'-DDT	133	155	116	55-138	
Aldrin	133	125	94	67-130	
Aldrin	133	129	97	67-130	
alpha-BHC	133	133	99	72-132	
alpha-BHC	133	139	104	72-132	
beta-BHC	133	132	99	71-137	
beta-BHC	133	140	105	71-137	
delta-BHC	133	127	95	61-143	
delta-BHC	133	131	98	61-143	
Dieldrin	133	131	98	66-135	
Dieldrin	133	135	101	66-135	
Endosulfan I	133	124	93	64-135	
Endosulfan I	133	131	98	64-135	
Endosulfan II	133	128	96	64-130	
Endosulfan II	133	130	98	64-130	
Endosulfan sulfate	133	137	103	61-134	
Endosulfan sulfate	133	144	108	61-134	
Endrin	133	155	116	63-136	
Endrin	133	158	118	63-136	
Endrin aldehyde	133	116	87	60-132	
Endrin aldehyde	133	117	88	60-132	
Endrin ketone	133	121	91	48-150	
Endrin ketone	133	119	89	48-150	
gamma-BHC (Lindane)	133	130	97	70-134	
gamma-BHC (Lindane)	133	137	103	70-134	
Heptachlor	133	143	107	62-134	
Heptachlor	133	147	110	62-134	
Heptachlor epoxide	133	124	93	65-127	
Heptachlor epoxide	133	129	96	65-127	
Methoxychlor	133	149	112	49-128	
Methoxychlor	133	144	108	49-128	

Column to be used to flag recovery and RPD values

FORM III 8081B

FORM III
PESTICIDES LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: PEST0037264.D

Lab ID: LCSD 460-842217/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4,4'-DDD	133	128	96	2	30	64-132	
4,4'-DDD	133	138	103	0	30	64-132	
4,4'-DDE	133	128	96	2	30	71-137	
4,4'-DDE	133	138	104	2	30	71-137	
4,4'-DDT	133	151	113	2	30	55-138	
4,4'-DDT	133	159	119	2	30	55-138	
Aldrin	133	123	92	2	30	67-130	
Aldrin	133	131	98	1	30	67-130	
alpha-BHC	133	131	98	1	30	72-132	
alpha-BHC	133	140	105	1	30	72-132	
beta-BHC	133	132	99	0	30	71-137	
beta-BHC	133	142	107	1	30	71-137	
delta-BHC	133	125	94	1	30	61-143	
delta-BHC	133	133	100	2	30	61-143	
Dieldrin	133	129	96	2	30	66-135	
Dieldrin	133	136	102	1	30	66-135	
Endosulfan I	133	121	91	2	30	64-135	
Endosulfan I	133	133	100	2	30	64-135	
Endosulfan II	133	126	94	2	30	64-130	
Endosulfan II	133	133	99	2	30	64-130	
Endosulfan sulfate	133	136	102	1	30	61-134	
Endosulfan sulfate	133	143	108	1	30	61-134	
Endrin	133	152	114	2	30	63-136	
Endrin	133	160	120	1	30	63-136	
Endrin aldehyde	133	115	87	1	30	60-132	
Endrin aldehyde	133	121	91	4	30	60-132	
Endrin ketone	133	119	89	2	30	48-150	
Endrin ketone	133	122	92	2	30	48-150	
gamma-BHC (Lindane)	133	129	97	1	30	70-134	
gamma-BHC (Lindane)	133	138	103	0	30	70-134	
Heptachlor	133	140	105	2	30	62-134	
Heptachlor	133	146	109	1	30	62-134	
Heptachlor epoxide	133	122	91	2	30	65-127	
Heptachlor epoxide	133	132	99	2	30	65-127	
Methoxychlor	133	145	109	2	30	49-128	
Methoxychlor	133	144	108	0	30	49-128	

Column to be used to flag recovery and RPD values

FORM III 8081B

FORM III
PESTICIDES MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: PEST0037284.D

Lab ID: 460-257224-A-6-G MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4,4'-DDD	702	6.0 U	648	92	64-132	
4,4'-DDD	702	6.0 U	457	65	64-132	
4,4'-DDE	702	4.2 U	643	92	71-137	
4,4'-DDE	702	4.2 U	448	64	71-137	
4,4'-DDT	702	6.5 U	835	119	55-138	
4,4'-DDT	702	6.5 U	611	87	55-138	
Aldrin	702	5.3 U	635	90	67-130	
Aldrin	702	5.3 U	446	64	67-130	
alpha-BHC	702	3.6 U	716	102	72-132	
alpha-BHC	702	3.6 U	525	75	72-132	
beta-BHC	702	4.0 U	693	99	71-137	
beta-BHC	702	4.0 U	534	76	71-137	
delta-BHC	702	2.2 U	696	99	61-143	
delta-BHC	702	2.2 U	512	73	61-143	
Dieldrin	702	4.6 U	658	94	66-135	
Dieldrin	702	4.6 U	463	66	66-135	
Endosulfan I	702	5.4 U	653	93	64-135	
Endosulfan I	702	5.4 U	455	65	64-135	
Endosulfan II	702	9.1 U	643	92	64-130	
Endosulfan II	702	9.1 U	485	69	64-130	
Endosulfan sulfate	702	4.4 U	710	101	61-134	
Endosulfan sulfate	702	4.4 U	541	77	61-134	
Endrin	702	5.1 U	805	115	63-136	
Endrin	702	5.1 U	567	81	63-136	
Endrin aldehyde	702	8.3 U	497	71	60-132	
Endrin aldehyde	702	8.3 U	396	56	60-132	
Endrin ketone	702	6.8 U	638	91	48-150	
Endrin ketone	702	6.8 U	452	64	48-150	
gamma-BHC (Lindane)	702	3.3 U	696	99	70-134	
gamma-BHC (Lindane)	702	3.3 U	499	71	70-134	
Heptachlor	702	4.2 U	775	110	62-134	
Heptachlor	702	4.2 U	563	80	62-134	
Heptachlor epoxide	702	5.3 U	650	93	65-127	
Heptachlor epoxide	702	5.3 U	451	64	65-127	
Methoxychlor	702	8.1 U	770	110	49-128	
Methoxychlor	702	8.1 U	583	83	49-128	

Column to be used to flag recovery and RPD values

FORM III 8081B

FORM III
PESTICIDES MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: PEST0037285.D

Lab ID: 460-257224-A-6-H MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4,4'-DDD	702	554	79	16	30	64-132	
4,4'-DDD	702	496	71	8	30	64-132	
4,4'-DDE	702	549	78	16	30	71-137	
4,4'-DDE	702	487	69	8	30	71-137	
4,4'-DDT	702	702	100	17	30	55-138	
4,4'-DDT	702	641	91	5	30	55-138	
Aldrin	702	542	77	16	30	67-130	
Aldrin	702	483	69	8	30	67-130	
alpha-BHC	702	605	86	17	30	72-132	
alpha-BHC	702	568	81	8	30	72-132	
beta-BHC	702	595	85	15	30	71-137	
beta-BHC	702	573	82	7	30	71-137	
delta-BHC	702	594	85	16	30	61-143	
delta-BHC	702	551	78	7	30	61-143	
Dieldrin	702	563	80	16	30	66-135	
Dieldrin	702	501	71	8	30	66-135	
Endosulfan I	702	555	79	16	30	64-135	
Endosulfan I	702	496	71	9	30	64-135	
Endosulfan II	702	555	79	15	30	64-130	
Endosulfan II	702	515	73	6	30	64-130	
Endosulfan sulfate	702	604	86	16	30	61-134	
Endosulfan sulfate	702	566	81	5	30	61-134	
Endrin	702	684	97	16	30	63-136	
Endrin	702	608	87	7	30	63-136	
Endrin aldehyde	702	426	61	15	30	60-132	
Endrin aldehyde	702	414	59	4	30	60-132	
Endrin ketone	702	545	78	16	30	48-150	
gamma-BHC (Lindane)	702	592	84	16	30	70-134	
gamma-BHC (Lindane)	702	540	77	8	30	70-134	
Heptachlor	702	658	94	16	30	62-134	
Heptachlor	702	611	87	8	30	62-134	
Heptachlor epoxide	702	553	79	16	30	65-127	
Heptachlor epoxide	702	493	70	9	30	65-127	
Methoxychlor	702	655	93	16	30	49-128	
Methoxychlor	702	611	87	5	30	49-128	

Column to be used to flag recovery and RPD values

FORM III 8081B

FORM IV
PESTICIDES METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: MB 460-842217/1-A

Matrix: Solid Date Extracted: 04/30/2022 18:29

Lab File ID:(1) PEST0037265.D Lab File ID:(2) PEST0037265.D

Date Analyzed:(1) 05/02/2022 05:08 Date Analyzed:(2) 05/02/2022 05:08

Instrument ID:(1) CPESTGC12 Instrument ID:(2) CPESTGC12

GC Column:(1) Rtx-CLP ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-842217/2-A	05/02/2022 04:43	05/02/2022 04:43
	LCSD 460-842217/3-A	05/02/2022 04:55	05/02/2022 04:55
CC-COMP-01	460-257083-1	05/02/2022 05:20	05/02/2022 05:20
	460-257224-A-6-G MS	05/02/2022 09:01	05/02/2022 09:01
	460-257224-A-6-H MSD	05/02/2022 09:14	05/02/2022 09:14

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Sample No.: IC 460-833964/8 Date Analyzed: 03/18/2022 06:27

Instrument ID: CPESTGC12 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): PEST0035877.D Heated Purge: (Y/N) N

Calibration ID: 89858

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		116600257	1.63				
UPPER LIMIT		233200514	1.70				
LOWER LIMIT		58300129	1.56				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-833964/9		130371251	1.63				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8081B

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Sample No.: IC 460-833964/8 Date Analyzed: 03/18/2022 06:27

Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): PEST0035877.D Heated Purge: (Y/N) N

Calibration ID: 89859

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		221981812	1.53				
UPPER LIMIT		443963624	1.60				
LOWER LIMIT		110990906	1.46				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-833964/9		222685217	1.53				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8081B

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Sample No.: IC 460-833964/18 Date Analyzed: 03/18/2022 08:30

Instrument ID: CPESTGC12 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): PEST0035887.D Heated Purge: (Y/N) N

Calibration ID: 89816

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		129570274	1.63				
UPPER LIMIT		259140548	1.70				
LOWER LIMIT		64785137	1.56				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-833964/21		129642313	1.63				
ICV 460-833964/22		153760553	1.63				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8081B

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Sample No.: IC 460-833964/18 Date Analyzed: 03/18/2022 08:30

Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): PEST0035887.D Heated Purge: (Y/N) N

Calibration ID: 89817

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		218728885	1.53				
UPPER LIMIT		437457770	1.60				
LOWER LIMIT		109364443	1.46				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-833964/21		215913452	1.53				
ICV 460-833964/22		266643221	1.53				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8081B

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Sample No.: CCVIS 460-842342/3 Date Analyzed: 05/02/2022 03:54

Instrument ID: CPESTGC12 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): PEST0037259.D Heated Purge: (Y/N) N

Calibration ID: 89816

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		195531400	1.64				
UPPER LIMIT		391062800	1.71				
LOWER LIMIT		97765700	1.57				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 460-842342/4		244579313	1.64				
CCV 460-842342/5		239485350	1.63				
LCS 460-842217/2-A		227638603	1.64				
LCSD 460-842217/3-A		230366492	1.64				
MB 460-842217/1-A		180405365	1.64				
460-257083-1	CC-COMP-01	179236158	1.64				
460-257224-A-6-G MS		200209029	1.64				
460-257224-A-6-H MSD		206727188	1.64				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8081B

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Sample No.: CCVIS 460-842342/3 Date Analyzed: 05/02/2022 03:54

Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): PEST0037259.D Heated Purge: (Y/N) N

Calibration ID: 89817

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		254959754	1.54				
UPPER LIMIT		509919508	1.61				
LOWER LIMIT		127479877	1.47				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 460-842342/4		348476225	1.54				
CCV 460-842342/5		318742042	1.54				
LCS 460-842217/2-A		311843318	1.54				
LCSD 460-842217/3-A		308158114	1.54				
MB 460-842217/1-A		240471246	1.54				
460-257083-1	CC-COMP-01	254848666	1.54				
460-257224-A-6-G MS		349085538	1.54				
460-257224-A-6-H MSD		281516134	1.54				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8081B

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Client Sample ID: CC-COMP-01 Lab Sample ID: 460-257083-1

Instrument ID (1): CPESTGC12 Instrument ID (2): CPESTGC12

Date Analyzed (1): 05/02/2022 05:20 Date Analyzed (2): 05/02/2022 05:20

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
4,4'-DDE	1		3.95	3.94	3.96	2.8		14.3
	2		4.98	4.97	4.99	3.2		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-842217/2-A

Instrument ID (1): CPESTGC12 Instrument ID (2): CPESTGC12

Date Analyzed (1): 05/02/2022 04:43 Date Analyzed (2): 05/02/2022 04:43

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.22	2.21	2.23	139		4.5
	2		2.61	2.60	2.62	133		
gamma-BHC (Lindane)	1		2.42	2.41	2.43	137		5.5
	2		2.92	2.91	2.93	130		
beta-BHC	1		2.47	2.46	2.48	140		6.0
	2		2.97	2.96	2.98	132		
delta-BHC	1		2.60	2.59	2.61	131		3.4
	2		3.27	3.26	3.28	127		
Heptachlor	1		2.76	2.75	2.77	147		2.6
	2		3.37	3.36	3.38	143		
Aldrin	1		3.01	3.00	3.02	129		3.1
	2		3.75	3.74	3.76	125		
Heptachlor epoxide	1		3.60	3.59	3.61	129		3.5
	2		4.40	4.39	4.41	124		
4,4'-DDE	1		3.95	3.94	3.96	136		3.7
	2		4.98	4.97	4.99	131		
Endosulfan I	1		4.03	4.02	4.04	131		5.4
	2		4.87	4.86	4.88	124		
Dieldrin	1		4.28	4.27	4.29	135		2.9
	2		5.14	5.13	5.15	131		
Endrin	1		4.55	4.54	4.56	158		1.8
	2		5.43	5.42	5.44	155		
4,4'-DDD	1		4.63	4.62	4.64	137		5.3
	2		5.54	5.53	5.55	130		
Endosulfan II	1		4.80	4.79	4.81	130		1.8
	2		5.64	5.63	5.65	128		
4,4'-DDT	1		4.93	4.92	4.94	155		1.4
	2		5.90	5.89	5.91	153		
Endrin aldehyde	1		5.21	5.20	5.22	117		0.2
	2		6.04	6.03	6.05	116		
Methoxychlor	1		5.40	5.39	5.41	144		3.5
	2		7.00	6.99	7.01	149		
Endosulfan sulfate	1		5.61	5.61	5.63	144		4.8
	2		6.44	6.43	6.45	137		
Endrin ketone	1		5.91	5.90	5.92	119		1.5
	2		7.27	7.26	7.28	121		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-842217/3-A

Instrument ID (1): CPESTGC12 Instrument ID (2): CPESTGC12

Date Analyzed (1): 05/02/2022 04:55 Date Analyzed (2): 05/02/2022 04:55

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.22	2.21	2.23	140		6.3
	2		2.61	2.60	2.62	131		
gamma-BHC (Lindane)	1		2.42	2.41	2.43	138		6.7
	2		2.92	2.91	2.93	129		
beta-BHC	1		2.47	2.46	2.48	142		7.3
	2		2.97	2.96	2.98	132		
delta-BHC	1		2.60	2.59	2.61	133		6.5
	2		3.27	3.26	3.28	125		
Heptachlor	1		2.76	2.75	2.77	146		4.0
	2		3.37	3.36	3.38	140		
Aldrin	1		3.01	3.00	3.02	131		6.2
	2		3.75	3.74	3.76	123		
Heptachlor epoxide	1		3.60	3.59	3.61	132		7.7
	2		4.40	4.39	4.41	122		
4,4'-DDE	1		3.96	3.94	3.96	138		7.8
	2		4.98	4.97	4.99	128		
Endosulfan I	1		4.03	4.02	4.04	133		9.5
	2		4.87	4.86	4.88	121		
Dieldrin	1		4.28	4.27	4.29	136		5.8
	2		5.14	5.13	5.15	129		
Endrin	1		4.55	4.54	4.56	160		4.6
	2		5.43	5.42	5.44	152		
4,4'-DDD	1		4.63	4.62	4.64	138		7.2
	2		5.54	5.53	5.55	128		
Endosulfan II	1		4.80	4.79	4.81	133		5.1
	2		5.64	5.63	5.65	126		
4,4'-DDT	1		4.93	4.92	4.94	159		5.1
	2		5.90	5.89	5.91	151		
Endrin aldehyde	1		5.21	5.20	5.22	121		5.2
	2		6.04	6.03	6.05	115		
Methoxychlor	1		5.40	5.39	5.41	144		0.8
	2		7.00	6.99	7.01	145		
Endosulfan sulfate	1		5.61	5.61	5.63	143		5.6
	2		6.43	6.43	6.45	136		
Endrin ketone	1		5.91	5.90	5.92	122		2.6
	2		7.27	7.26	7.28	119		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-257224-A-6-G MS

Instrument ID (1): CPESTGC12 Instrument ID (2): CPESTGC12

Date Analyzed (1): 05/02/2022 09:01 Date Analyzed (2): 05/02/2022 09:01

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.22	2.21	2.23	525		30.7
	2		2.61	2.60	2.62	716		
gamma-BHC (Lindane)	1		2.42	2.41	2.43	499		33.0
	2		2.92	2.91	2.93	696		
beta-BHC	1		2.47	2.46	2.48	534		25.9
	2		2.98	2.96	2.98	693		
delta-BHC	1		2.60	2.59	2.61	512		30.6
	2		3.27	3.26	3.28	696		
Heptachlor	1		2.76	2.75	2.77	563		31.7
	2		3.37	3.36	3.38	775		
Aldrin	1		3.01	3.00	3.02	446		34.9
	2		3.75	3.74	3.76	635		
Heptachlor epoxide	1		3.60	3.59	3.61	451		36.1
	2		4.40	4.39	4.41	650		
4,4'-DDE	1		3.95	3.94	3.96	448		35.7
	2		4.98	4.97	4.99	643		
Endosulfan I	1		4.03	4.02	4.04	455		35.7
	2		4.87	4.86	4.88	653		
Dieldrin	1		4.28	4.27	4.29	463		34.7
	2		5.14	5.13	5.15	658		
Endrin	1		4.55	4.54	4.56	567		34.8
	2		5.43	5.42	5.44	805		
4,4'-DDD	1		4.63	4.62	4.64	457		34.5
	2		5.54	5.53	5.55	648		
Endosulfan II	1		4.80	4.79	4.81	485		28.0
	2		5.64	5.63	5.65	643		
4,4'-DDT	1		4.93	4.92	4.94	611		31.0
	2		5.90	5.89	5.91	835		
Endrin aldehyde	1		5.21	5.20	5.22	396		22.7
	2		6.04	6.03	6.05	497		
Methoxychlor	1		5.40	5.39	5.41	583		27.7
	2		7.00	6.99	7.01	770		
Endosulfan sulfate	1		5.62	5.61	5.63	541		27.1
	2		6.44	6.43	6.45	710		
Endrin ketone	1		5.91	5.90	5.92	452		34.2
	2		7.27	7.26	7.28	638		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-257224-A-6-H MSD

Instrument ID (1): CPESTGC12 Instrument ID (2): CPESTGC12

Date Analyzed (1): 05/02/2022 09:14 Date Analyzed (2): 05/02/2022 09:14

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.22	2.21	2.23	568		6.2
	2		2.61	2.60	2.62	605		
gamma-BHC (Lindane)	1		2.42	2.41	2.43	540		9.3
	2		2.92	2.91	2.93	592		
beta-BHC	1		2.47	2.46	2.48	573		3.7
	2		2.98	2.96	2.98	595		
delta-BHC	1		2.60	2.59	2.61	551		7.5
	2		3.27	3.26	3.28	594		
Heptachlor	1		2.76	2.75	2.77	611		7.5
	2		3.37	3.36	3.38	658		
Aldrin	1		3.01	3.00	3.02	483		11.6
	2		3.75	3.74	3.76	542		
Heptachlor epoxide	1		3.60	3.59	3.61	493		11.5
	2		4.40	4.39	4.41	553		
4,4'-DDE	1		3.95	3.94	3.96	487		12.1
	2		4.98	4.97	4.99	549		
Endosulfan I	1		4.03	4.02	4.04	496		11.2
	2		4.87	4.86	4.88	555		
Dieldrin	1		4.28	4.27	4.29	501		11.5
	2		5.14	5.13	5.15	563		
Endrin	1		4.55	4.54	4.56	608		11.8
	2		5.43	5.42	5.44	684		
4,4'-DDD	1		4.63	4.62	4.64	496		11.2
	2		5.54	5.53	5.55	554		
Endosulfan II	1		4.80	4.79	4.81	515		7.4
	2		5.64	5.63	5.65	555		
4,4'-DDT	1		4.93	4.92	4.94	641		9.0
	2		5.90	5.89	5.91	702		
Endrin aldehyde	1		5.21	5.20	5.22	414		2.9
	2		6.04	6.03	6.05	426		
Methoxychlor	1		5.40	5.39	5.41	611		6.9
	2		7.00	6.99	7.01	655		
Endosulfan sulfate	1		5.61	5.61	5.63	566		6.5
	2		6.44	6.43	6.45	604		
Endrin ketone	1		5.91	5.90	5.92	489		10.8
	2		7.27	7.26	7.28	545		

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: CC-COMP-01 | Lab Sample ID: 460-257083-1

Matrix: Solid | Lab File ID: PEST0037266.D

Analysis Method: 8081B | Date Collected: 04/27/2022 09:30

Extraction Method: 3546 | Date Extracted: 04/30/2022 18:29

Sample wt/vol: 15.00(g) | Date Analyzed: 05/02/2022 05:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 1.3 % Solids: 98.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842342 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-55-9	4,4'-DDE	3.2	J	6.8	0.80

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	82		43-150
877-09-8	Tetrachloro-m-xylene	64		26-137

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037266.D
Lims ID: 460-257083-E-1-E
Client ID: CC-COMP-01
Sample Type: Client
Inject. Date: 02-May-2022 05:20:17 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144751-010
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-May-2022 06:51:26 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1671

First Level Reviewer: manlangitf Date: 02-May-2022 05:34:34

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.635	1.634	0.001	179236158	100.0	
2	1.540	1.539	0.001	254848666	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.169	2.169	0.000	62070567	31.9	
2	1.903	1.903	0.000	86623973	29.1	
					RPD = 9.30	
25 4,4'-DDE						
1	4.975	4.975	0.000	9610766	4.80	
2	3.953	3.954	-0.001	14929446	4.16	
					RPD = 14.30	
$ 24 DCB Decachlorobiphenyl						
1	8.445	8.445	0.000	58317780	40.9	
2	7.440	7.441	-0.001	103835239	36.3	
					RPD = 11.87	

QC Flag Legend
Processing Flags

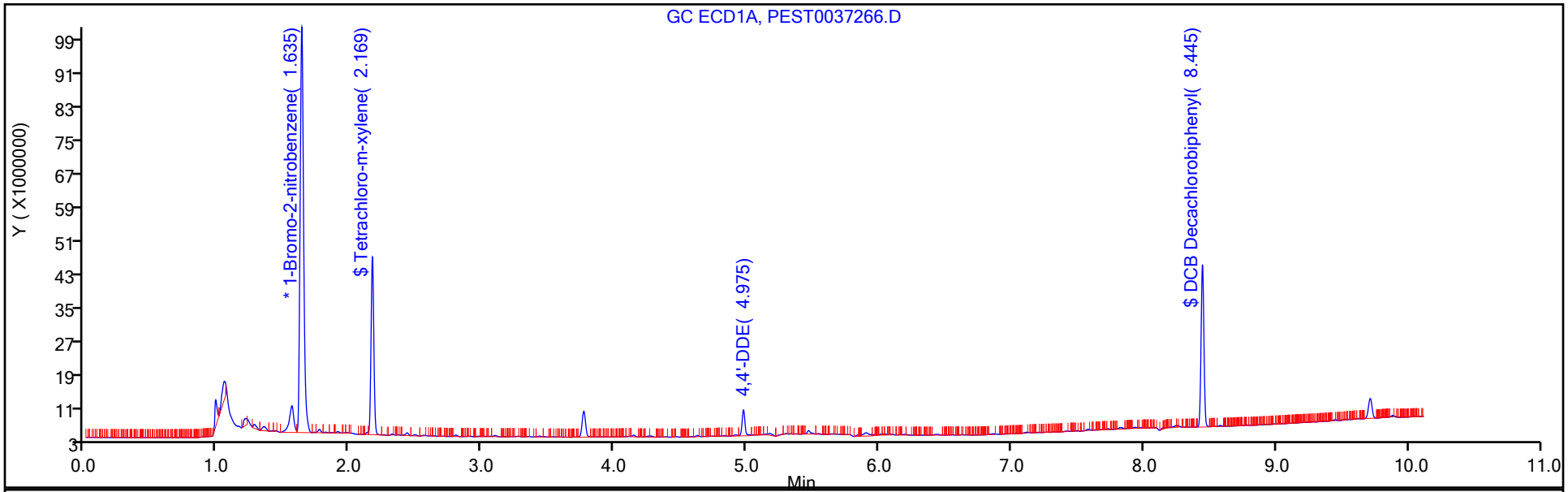
Reagents:
SGPESTISTD_00018 Amount Added: 20.00 Units: uL Run Reagent

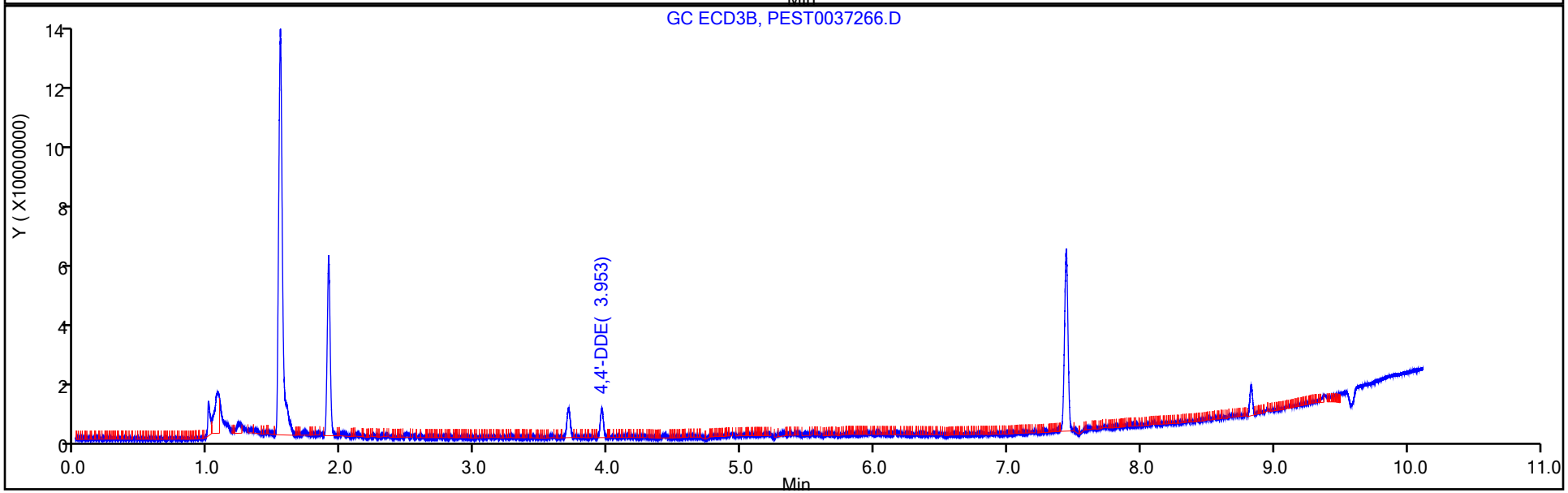
Report Date: 02-May-2022 06:52:00 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037266.D

Injection Date:	02-May-2022 05:20:17	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	460-257083-E-1-E	Lab Sample ID:	460-257083-1	Worklist Smp#:	10
Client ID:	CC-COMP-01				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





User Disabled Compound Report

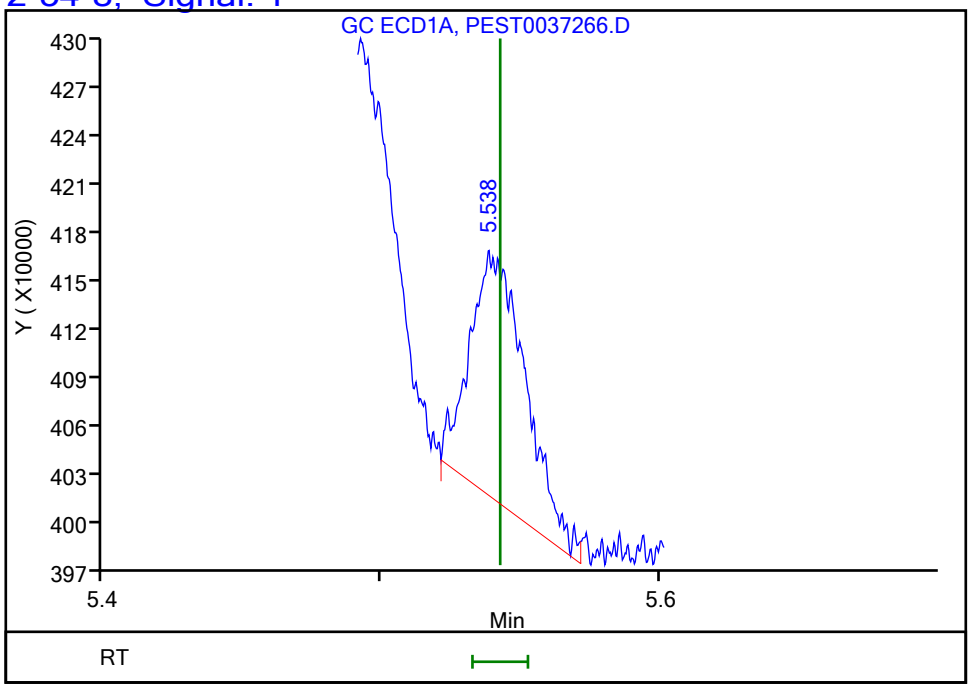
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037266.D
Injection Date: 02-May-2022 05:20:17 Instrument ID: CPESTGC12
Lims ID: 460-257083-E-1-E Lab Sample ID: 460-257083-1
Client ID: CC-COMP-01
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

16 4,4'-DDD, CAS: 72-54-8, Signal: 1

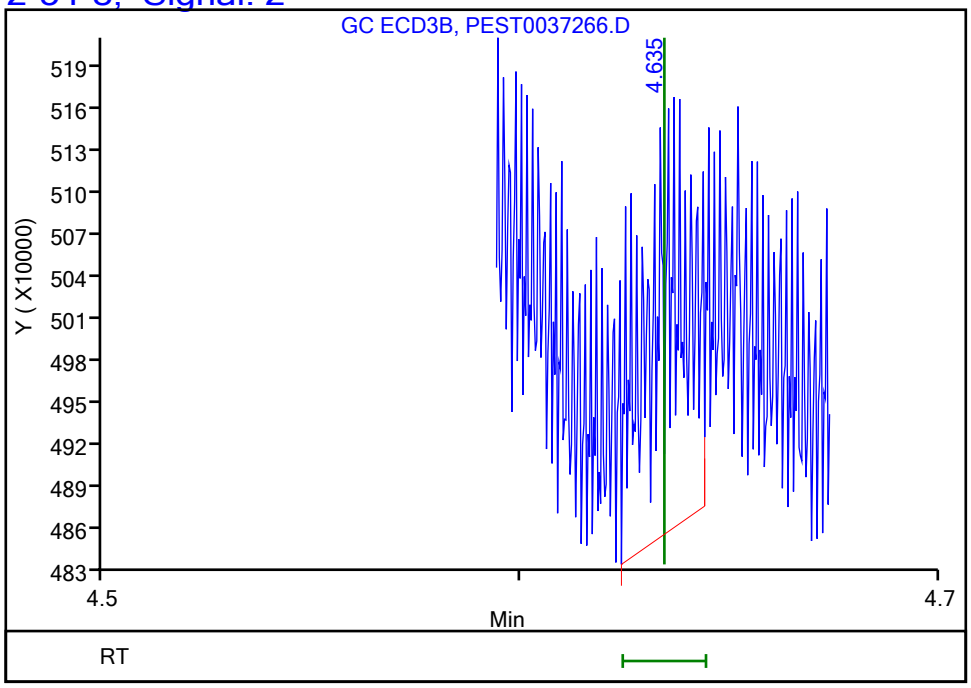
RT: 5.54
Response: 217619
Amount: 0.125242



Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.64
Response: 180980
Amount: 0.060862



Reviewer: manlangitf, 02-May-2022 05:34:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

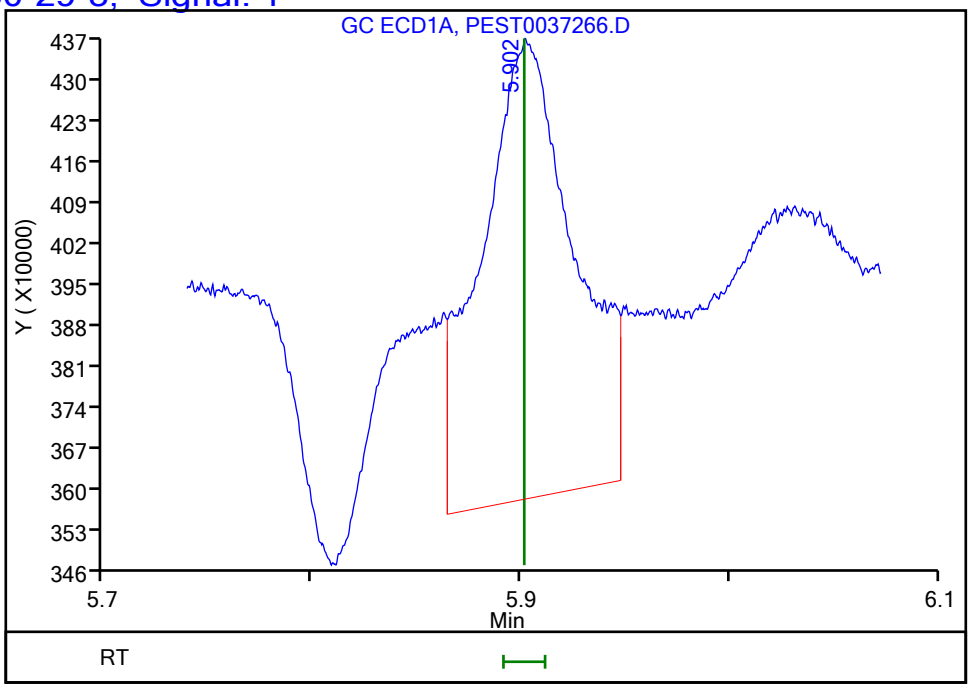
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037266.D
Injection Date: 02-May-2022 05:20:17 Instrument ID: CPESTGC12
Lims ID: 460-257083-E-1-E Lab Sample ID: 460-257083-1
Client ID: CC-COMP-01
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

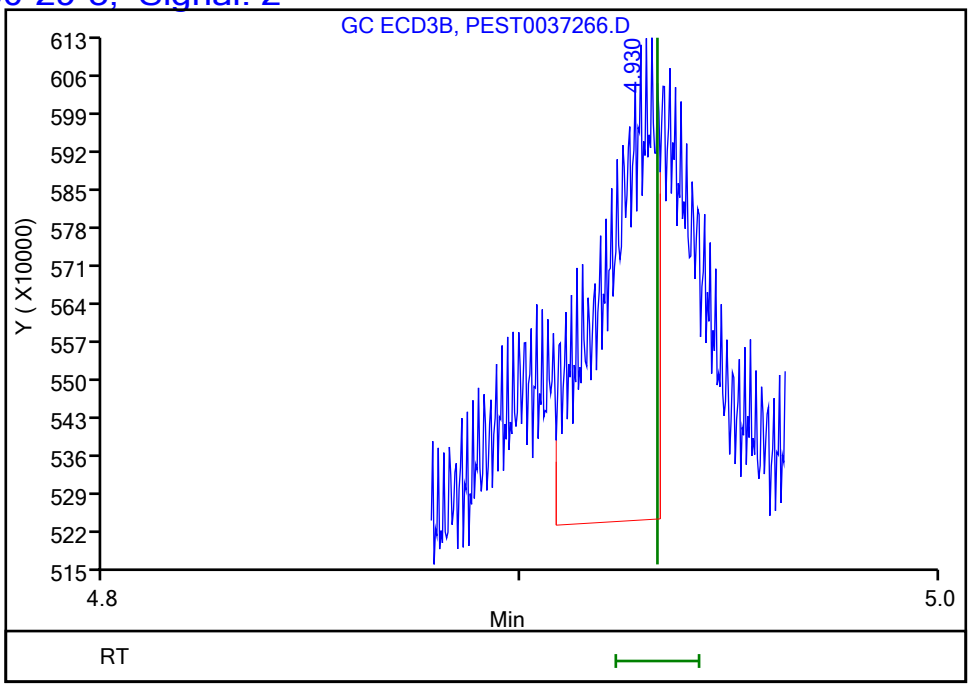
RT: 5.90
Response: 2447816
Amount: 1.770474



Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.93
Response: 740817
Amount: 0.298028



Reviewer: manlangitf, 02-May-2022 05:34:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

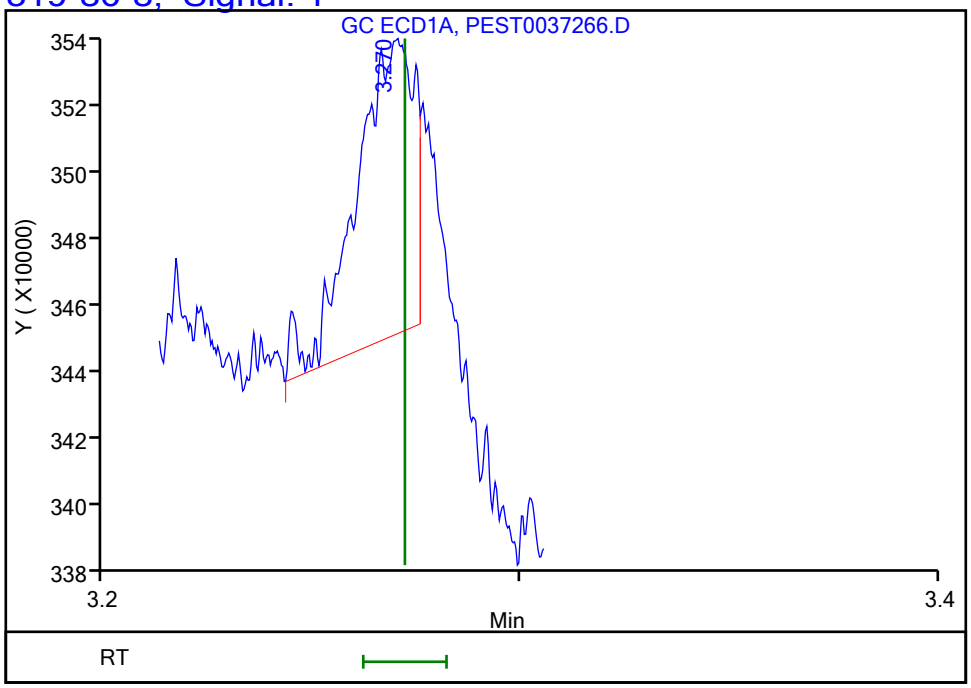
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037266.D
Injection Date: 02-May-2022 05:20:17 Instrument ID: CPESTGC12
Lims ID: 460-257083-E-1-E Lab Sample ID: 460-257083-1
Client ID: CC-COMP-01
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

32 delta-BHC, CAS: 319-86-8, Signal: 1

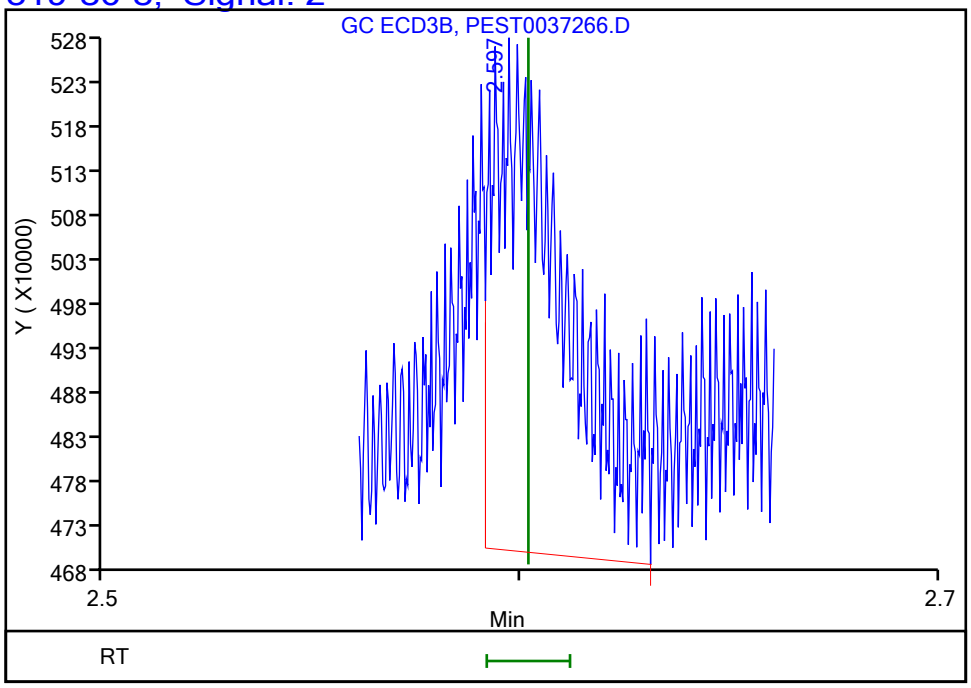
RT: 3.27
Response: 83509
Amount: 0.034561



Column: Detector GC ECD2B

32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.60
Response: 674451
Amount: 0.173742



Reviewer: manlangitf, 02-May-2022 05:34:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

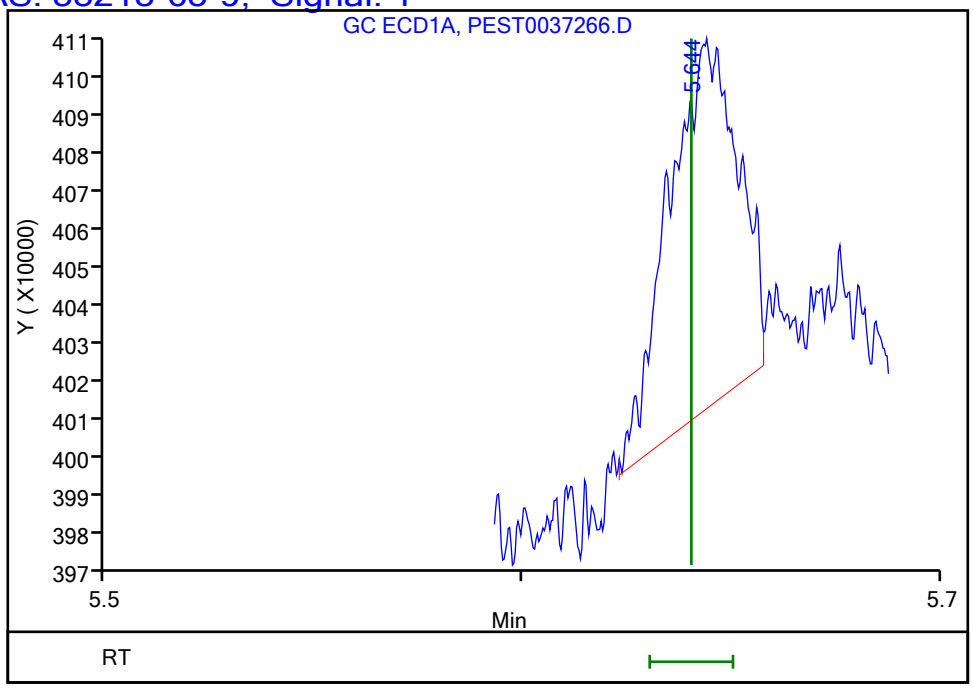
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037266.D
Injection Date: 02-May-2022 05:20:17 Instrument ID: CPESTGC12
Lims ID: 460-257083-E-1-E Lab Sample ID: 460-257083-1
Client ID: CC-COMP-01
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

11 Endosulfan II, CAS: 33213-65-9, Signal: 1

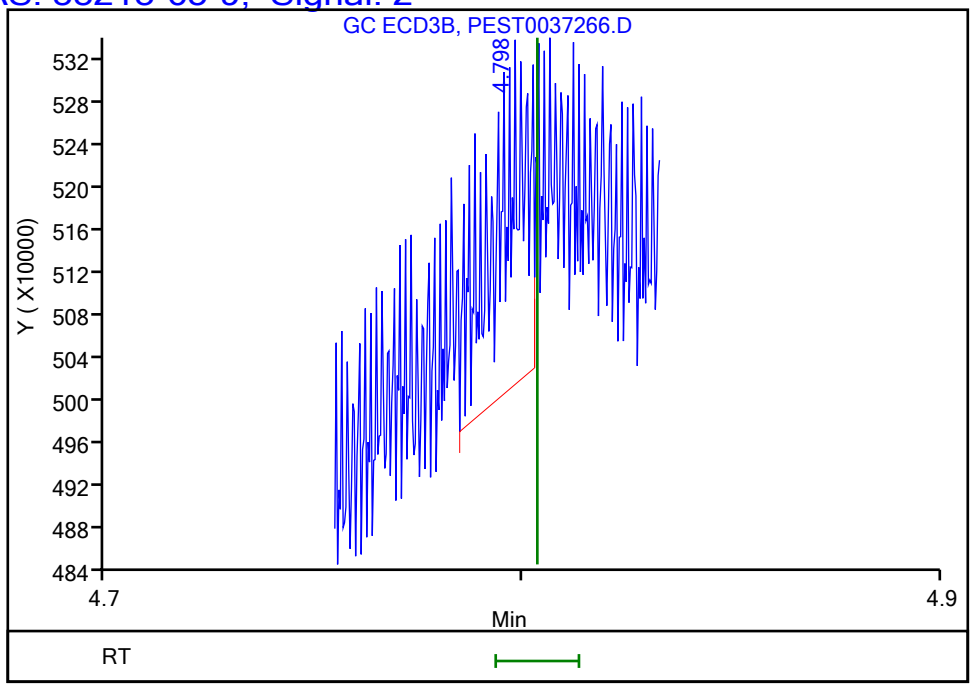
RT: 5.64
Response: 110500
Amount: 13.395032



Column: Detector GC ECD2B

11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.80
Response: 167435
Amount: 13.795114



Reviewer: manlangitf, 02-May-2022 05:34:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

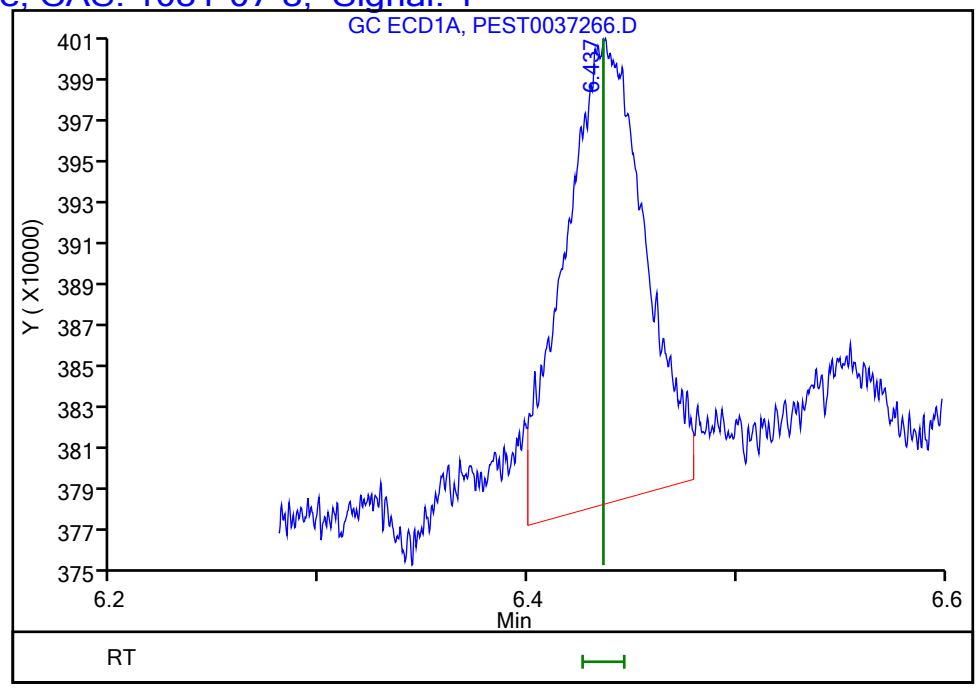
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037266.D
Injection Date: 02-May-2022 05:20:17 Instrument ID: CPESTGC12
Lims ID: 460-257083-E-1-E Lab Sample ID: 460-257083-1
Client ID: CC-COMP-01
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 1

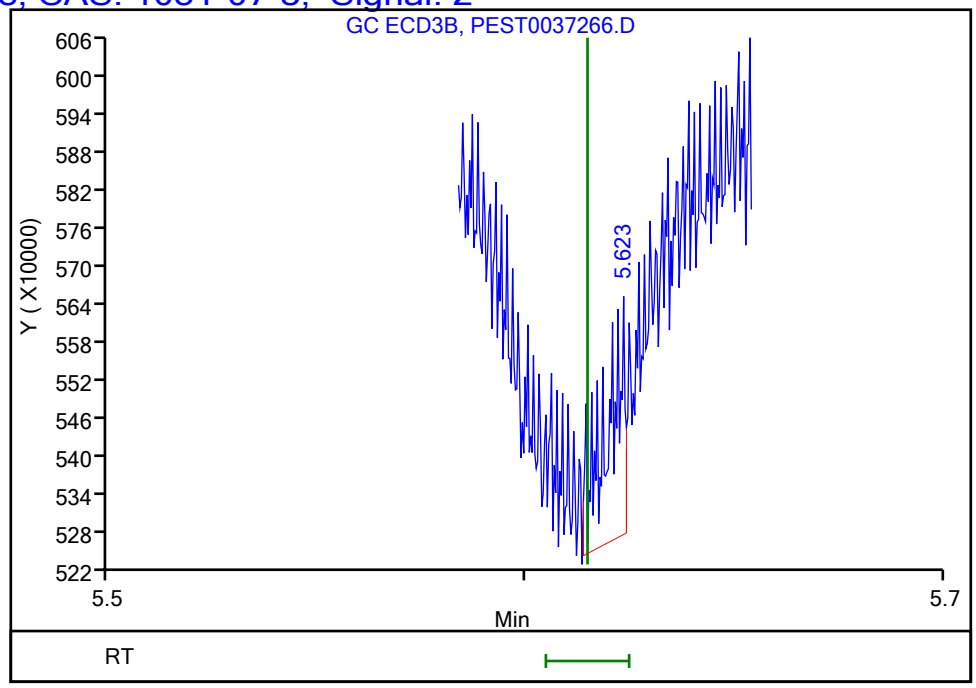
RT: 6.44
Response: 602069
Amount: 0.373233



Column: Detector GC ECD2B

3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 2

RT: 5.62
Response: 105444
Amount: 0.039794



Reviewer: manlangitf, 02-May-2022 05:34:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

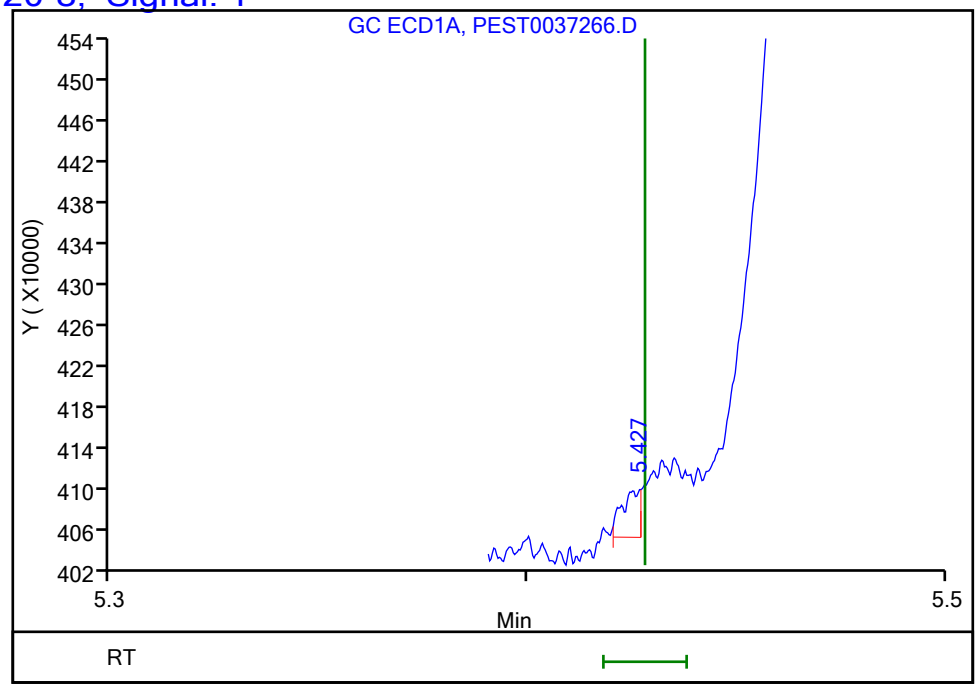
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037266.D
Injection Date: 02-May-2022 05:20:17 Instrument ID: CPESTGC12
Lims ID: 460-257083-E-1-E Lab Sample ID: 460-257083-1
Client ID: CC-COMP-01
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

20 Endrin, CAS: 72-20-8, Signal: 1

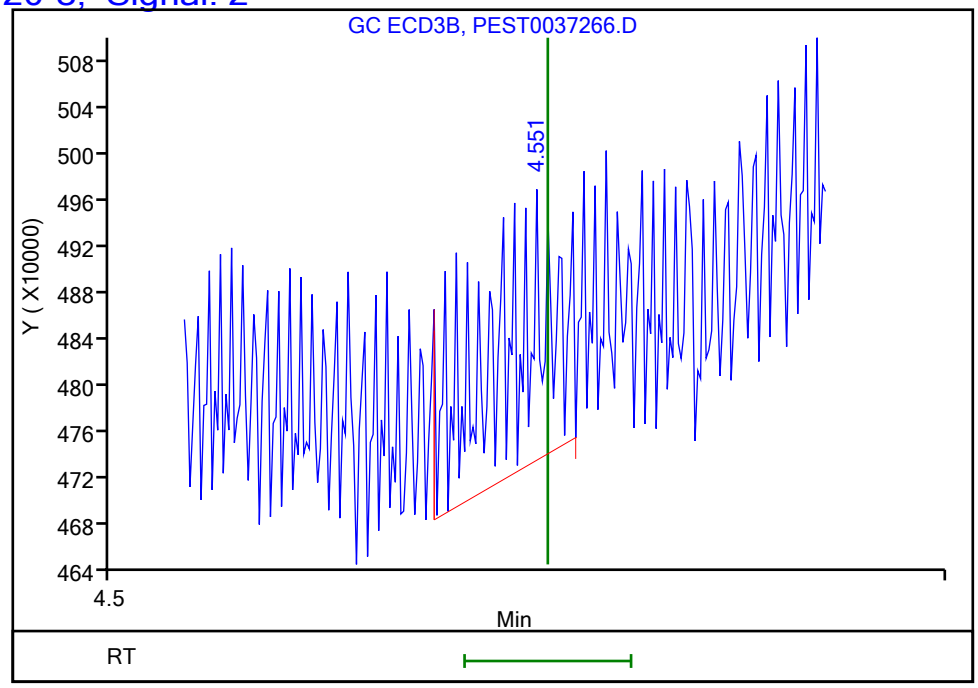
RT: 5.43
Response: 13681
Amount: 0.007987



Column: Detector GC ECD2B

20 Endrin, CAS: 72-20-8, Signal: 2

RT: 4.55
Response: 103667
Amount: 0.035829



Reviewer: manlangitf, 02-May-2022 05:34:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

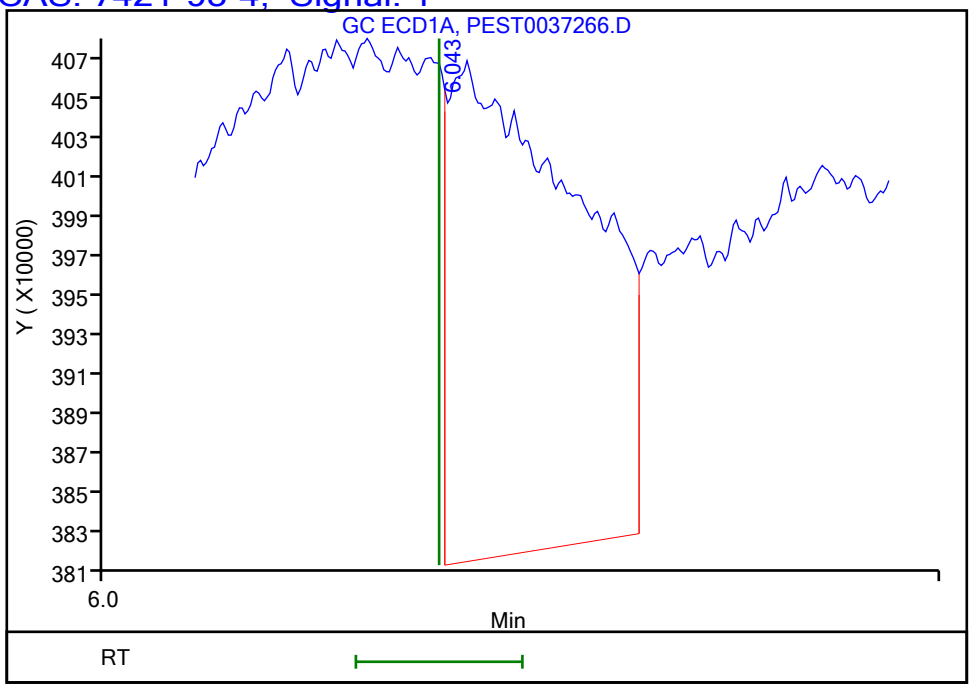
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037266.D
Injection Date: 02-May-2022 05:20:17 Instrument ID: CPESTGC12
Lims ID: 460-257083-E-1-E Lab Sample ID: 460-257083-1
Client ID: CC-COMP-01
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

5 Endrin aldehyde, CAS: 7421-93-4, Signal: 1

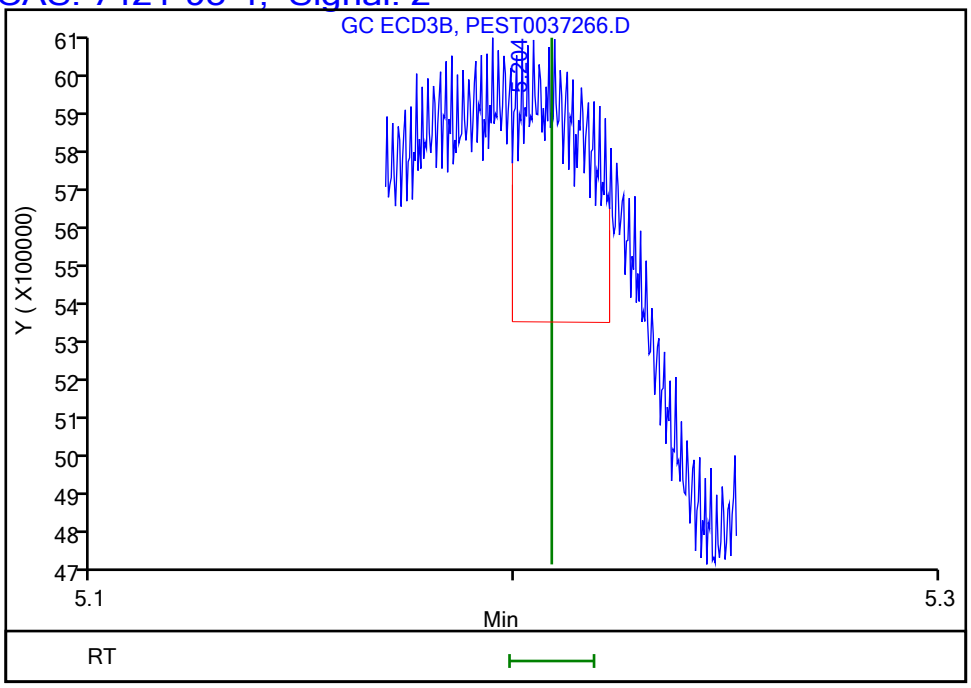
RT: 6.04
Response: 273228
Amount: 0.175247



Column: Detector GC ECD2B

5 Endrin aldehyde, CAS: 7421-93-4, Signal: 2

RT: 5.20
Response: 659468
Amount: 9.804091



Reviewer: manlangitf, 02-May-2022 05:34:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

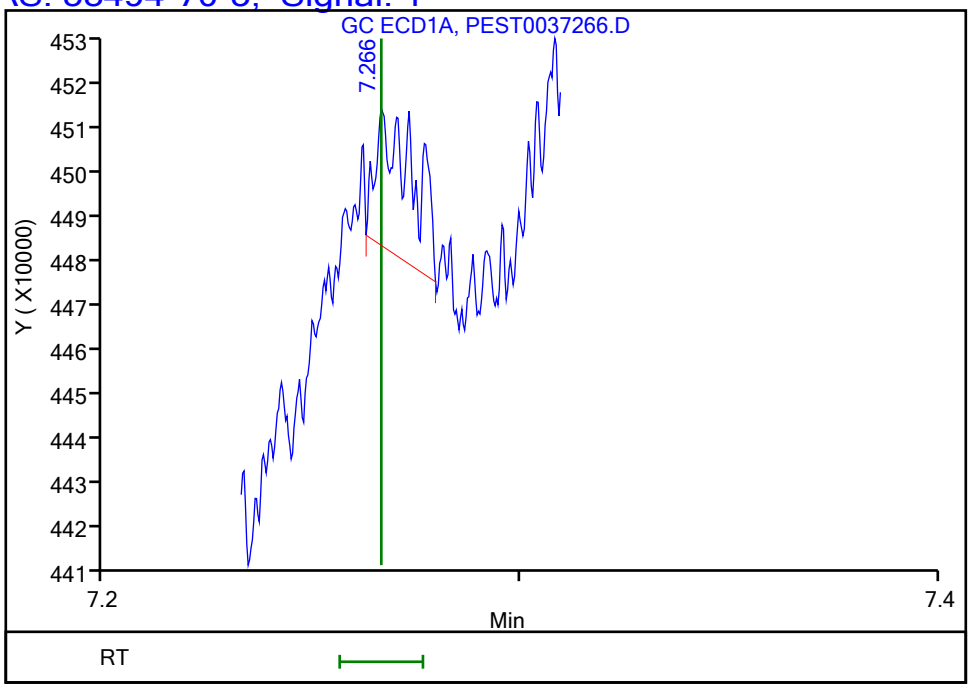
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037266.D
Injection Date: 02-May-2022 05:20:17 Instrument ID: CPESTGC12
Lims ID: 460-257083-E-1-E Lab Sample ID: 460-257083-1
Client ID: CC-COMP-01
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

13 Endrin ketone, CAS: 53494-70-5, Signal: 1

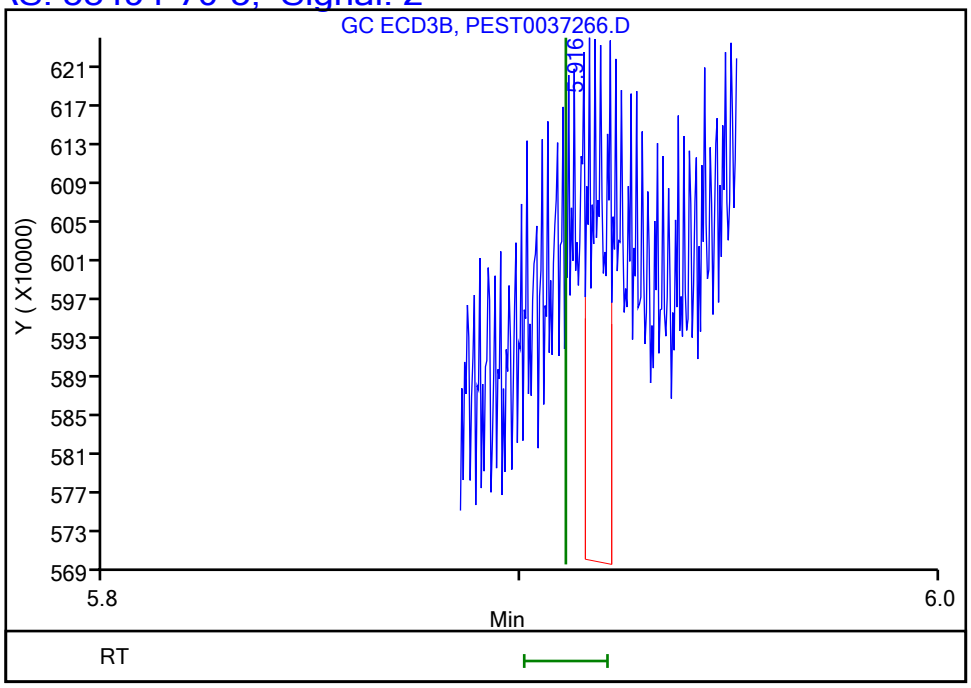
RT: 7.27
Response: 18799
Amount: 0.009281



Column: Detector GC ECD2B

13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.92
Response: 145015
Amount: 0.042838



Reviewer: manlangitf, 02-May-2022 05:34:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

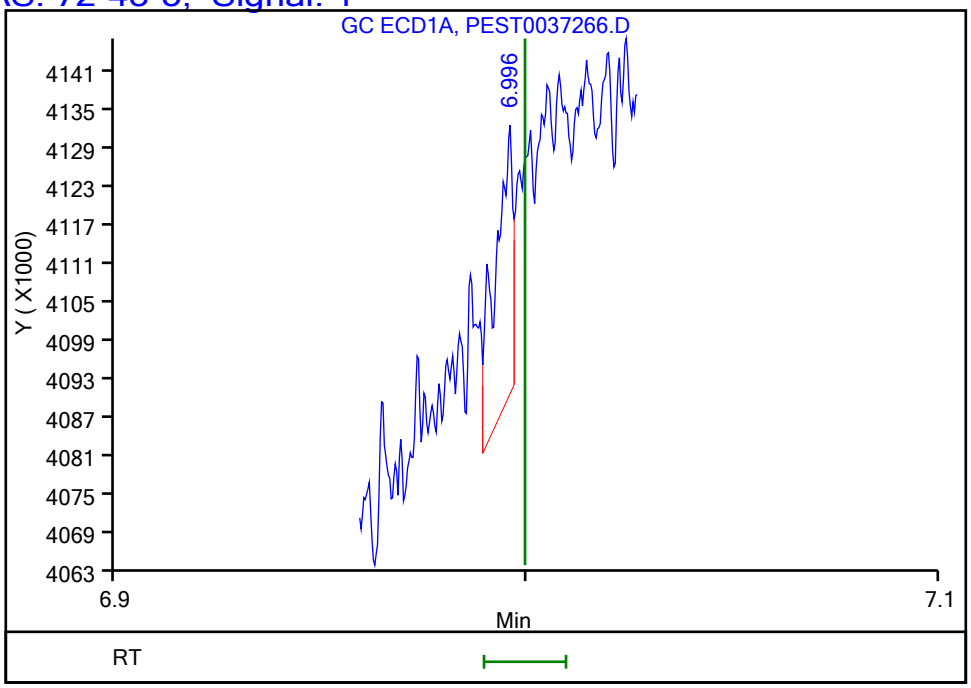
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037266.D
Injection Date: 02-May-2022 05:20:17 Instrument ID: CPESTGC12
Lims ID: 460-257083-E-1-E Lab Sample ID: 460-257083-1
Client ID: CC-COMP-01
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5, Signal: 1

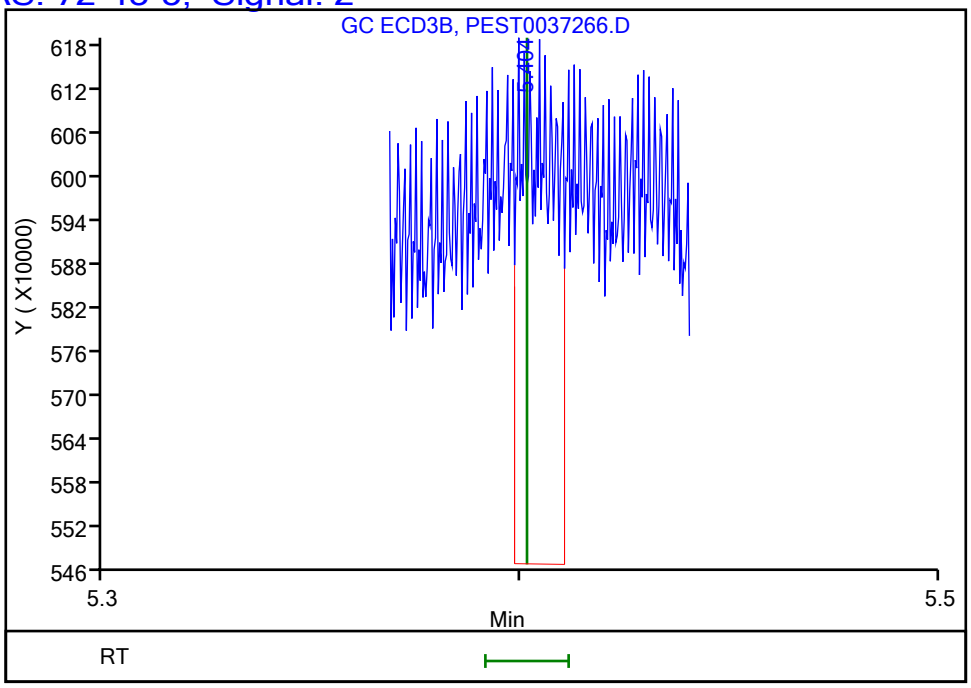
RT: 7.00
Response: 12605
Amount: 0.016591



Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.40
Response: 400364
Amount: 0.307272



Reviewer: manlangitf, 02-May-2022 05:34:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: CC-COMP-01 | Lab Sample ID: 460-257083-1

Matrix: Solid | Lab File ID: PEST0037266.D

Analysis Method: 8081B | Date Collected: 04/27/2022 09:30

Extraction Method: 3546 | Date Extracted: 04/30/2022 18:29

Sample wt/vol: 15.00(g) | Date Analyzed: 05/02/2022 05:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 1.3 % Solids: 98.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842342 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	1.2	U	6.8	1.2
50-29-3	4,4'-DDT	1.2	U	6.8	1.2
309-00-2	Aldrin	1.0	U	6.8	1.0
319-84-6	alpha-BHC	0.69	U	2.0	0.69
319-85-7	beta-BHC	0.76	U	2.0	0.76
12789-03-6	Chlordane (technical)	16	U	68	16
319-86-8	delta-BHC	0.42	U	2.0	0.42
60-57-1	Dieldrin	0.88	U	2.0	0.88
959-98-8	Endosulfan I	1.0	U	6.8	1.0
33213-65-9	Endosulfan II	1.7	U	6.8	1.7
1031-07-8	Endosulfan sulfate	0.85	U	6.8	0.85
72-20-8	Endrin	0.97	U	6.8	0.97
7421-93-4	Endrin aldehyde	1.6	U	6.8	1.6
53494-70-5	Endrin ketone	1.3	U	6.8	1.3
58-89-9	gamma-BHC (Lindane)	0.63	U	2.0	0.63
76-44-8	Heptachlor	0.80	U	6.8	0.80
1024-57-3	Heptachlor epoxide	1.0	U	6.8	1.0
72-43-5	Methoxychlor	1.5	U	6.8	1.5
8001-35-2	Toxaphene	25	U	68	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	73		43-150
877-09-8	Tetrachloro-m-xylene	58		26-137

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037266.D
Lims ID: 460-257083-E-1-E
Client ID: CC-COMP-01
Sample Type: Client
Inject. Date: 02-May-2022 05:20:17 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144751-010
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-May-2022 06:51:26 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1671

First Level Reviewer: manlangitf Date: 02-May-2022 05:34:34

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.635	1.634	0.001	179236158	100.0	
2	1.540	1.539	0.001	254848666	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.169	2.169	0.000	62070567	31.9	
2	1.903	1.903	0.000	86623973	29.1	
					RPD = 9.30	
25 4,4'-DDE						
1	4.975	4.975	0.000	9610766	4.80	
2	3.953	3.954	-0.001	14929446	4.16	
					RPD = 14.30	
$ 24 DCB Decachlorobiphenyl						
1	8.445	8.445	0.000	58317780	40.9	
2	7.440	7.441	-0.001	103835239	36.3	
					RPD = 11.87	

QC Flag Legend
Processing Flags

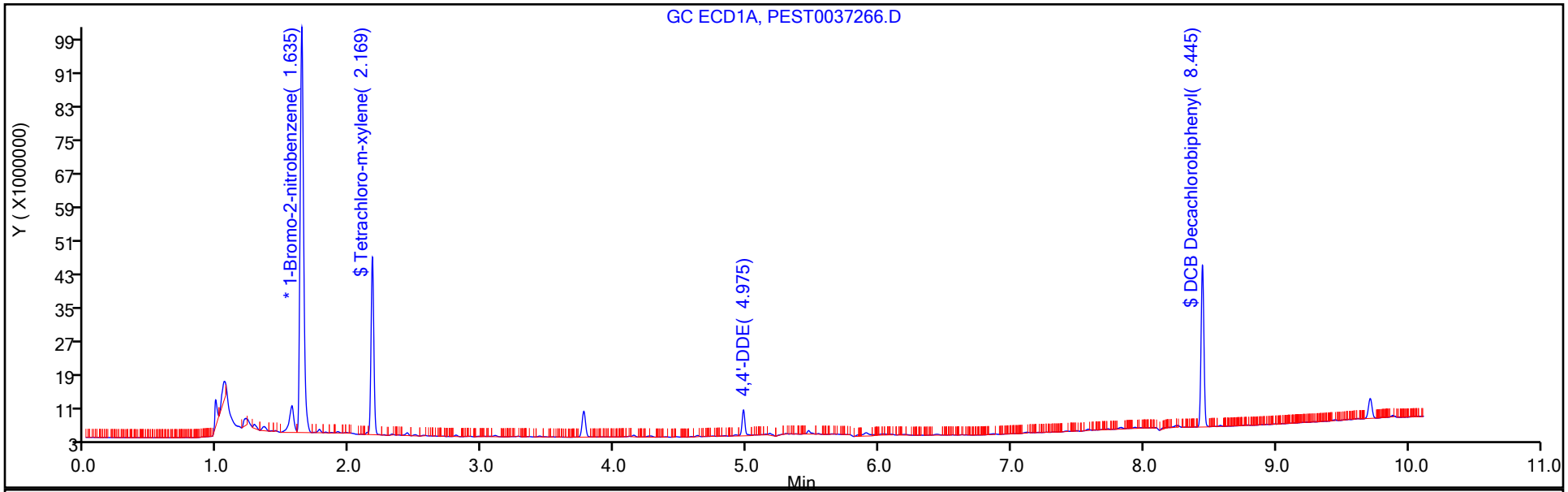
Reagents:
SGPESTISTD_00018 Amount Added: 20.00 Units: uL Run Reagent

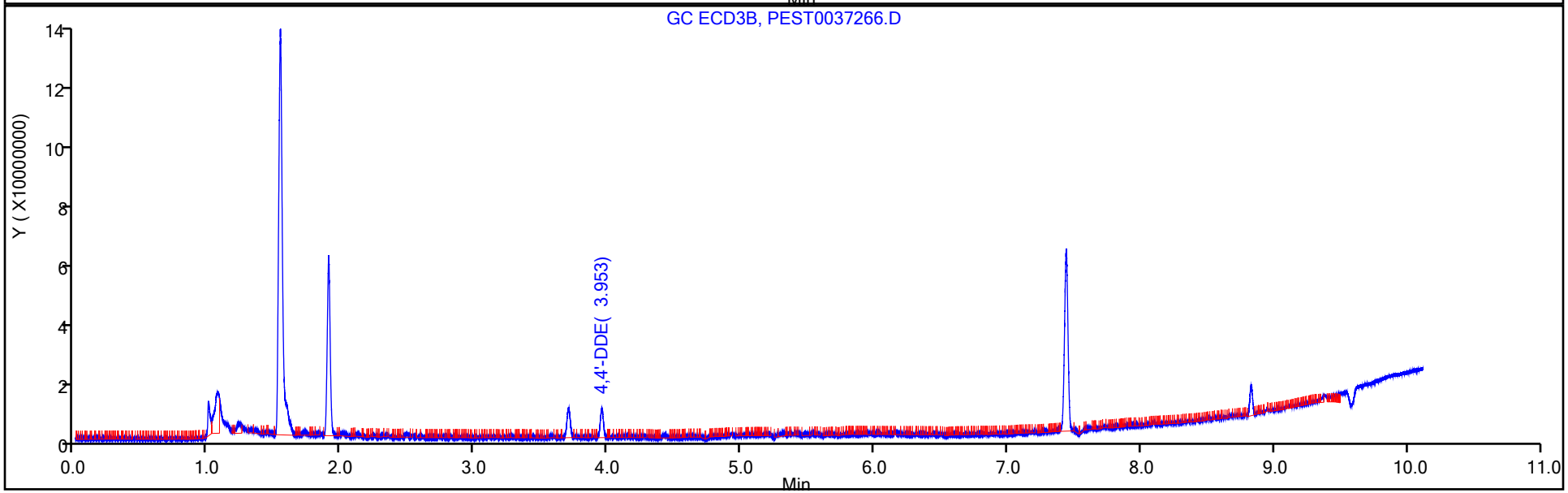
Report Date: 02-May-2022 06:52:02 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037266.D

Injection Date:	02-May-2022 05:20:17	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	460-257083-E-1-E	Lab Sample ID:	460-257083-1	Worklist Smp#:	10
Client ID:	CC-COMP-01				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





User Disabled Compound Report

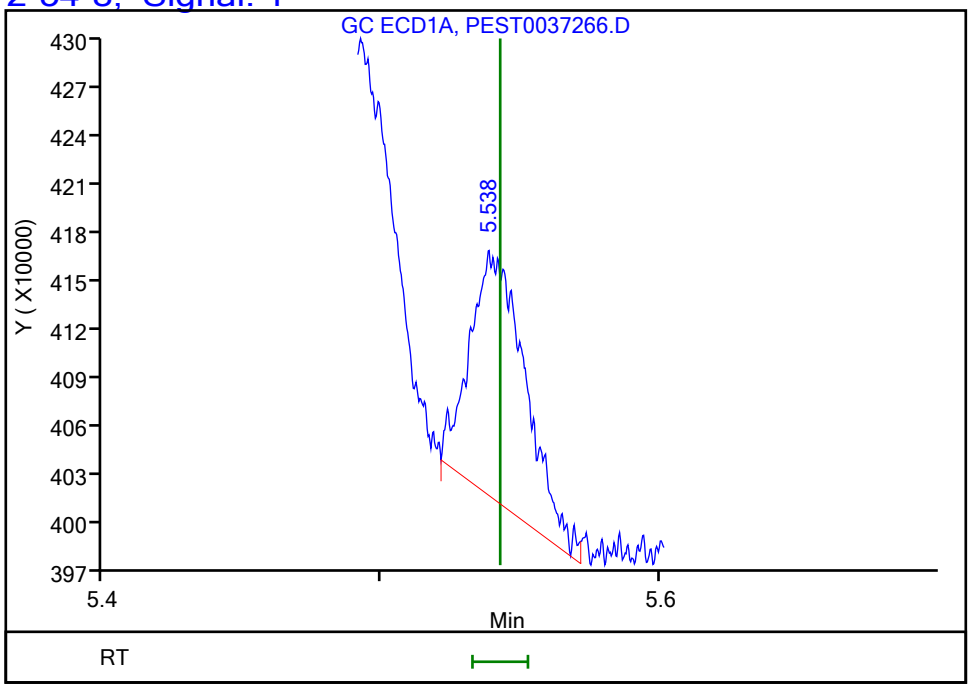
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037266.D
Injection Date: 02-May-2022 05:20:17 Instrument ID: CPESTGC12
Lims ID: 460-257083-E-1-E Lab Sample ID: 460-257083-1
Client ID: CC-COMP-01
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

16 4,4'-DDD, CAS: 72-54-8, Signal: 1

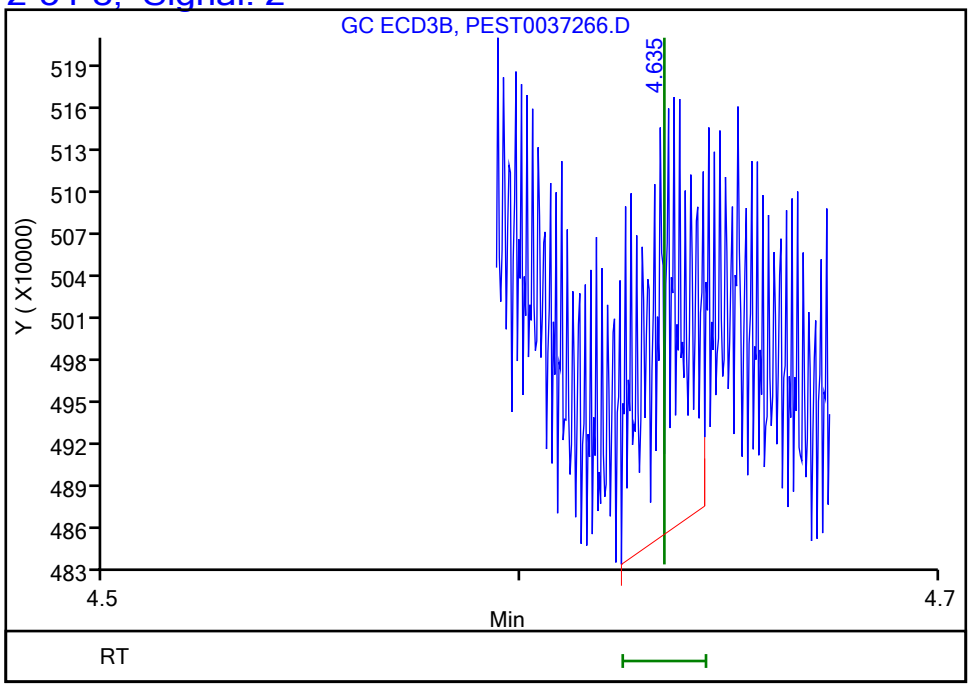
RT: 5.54
Response: 217619
Amount: 0.125242



Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.64
Response: 180980
Amount: 0.060862



Reviewer: manlangitf, 02-May-2022 05:34:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

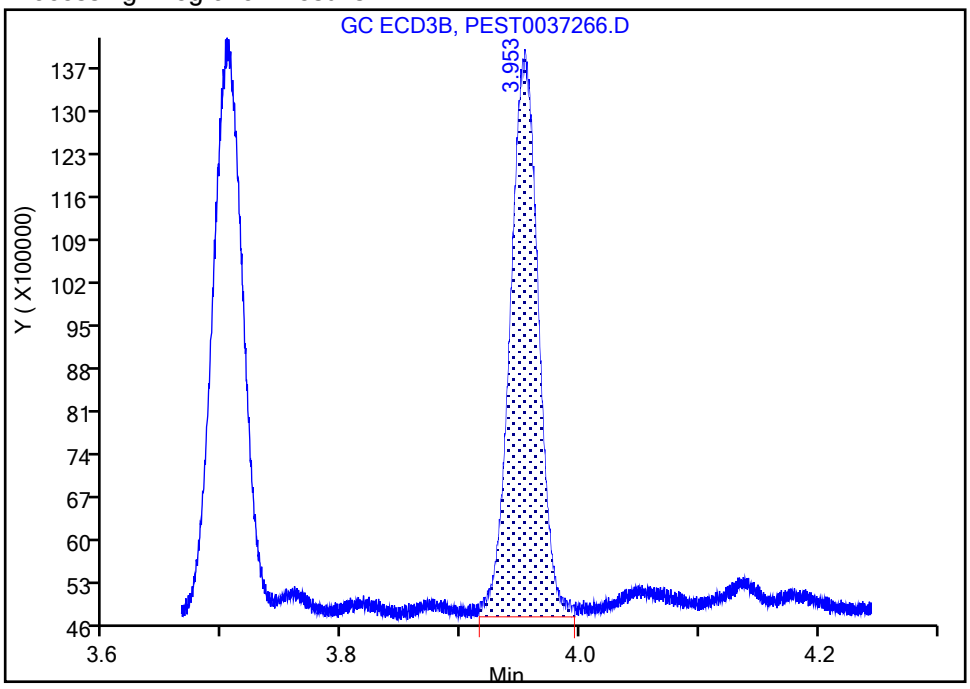
Data File:	\\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037266.D				
Injection Date:	02-May-2022 05:20:17	Instrument ID:	CPESTGC12		
Lims ID:	460-257083-E-1-E	Lab Sample ID:	460-257083-1		
Client ID:	CC-COMP-01				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		
Column:		Detector	GC ECD2B		

25 4,4'-DDE, CAS: 72-55-9

Signal: 2

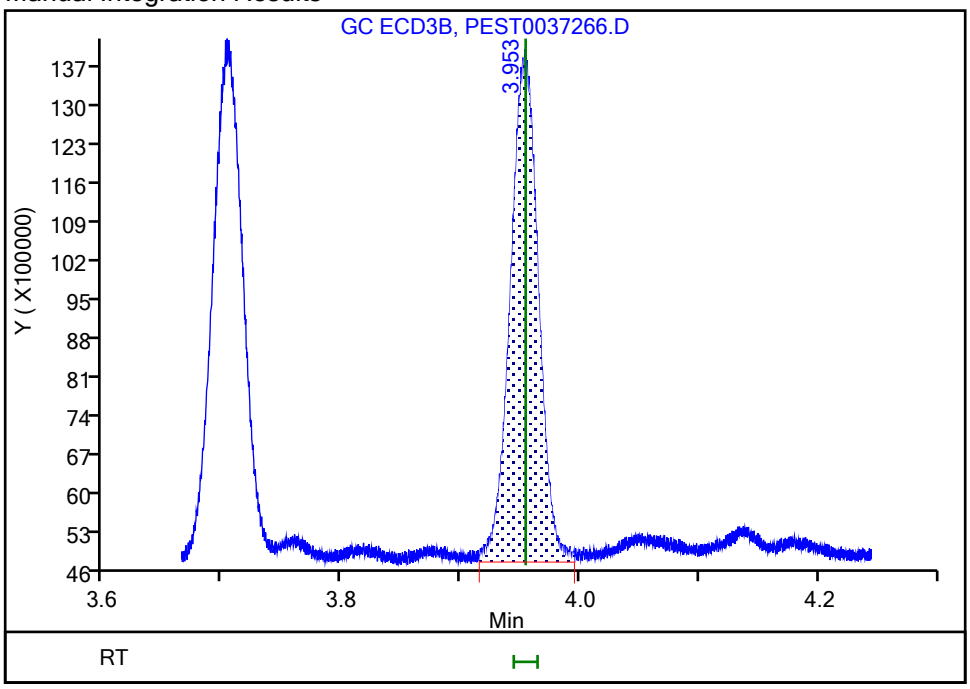
Processing Integration Results

RT: 3.95
Area: 14929446
Amount: 4.157546
Amount Units: ug/l



Manual Integration Results

RT: 3.95
Area: 14929446
Amount: 4.157546
Amount Units: ug/l



Reviewer: manlangitf, 02-May-2022 05:34:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

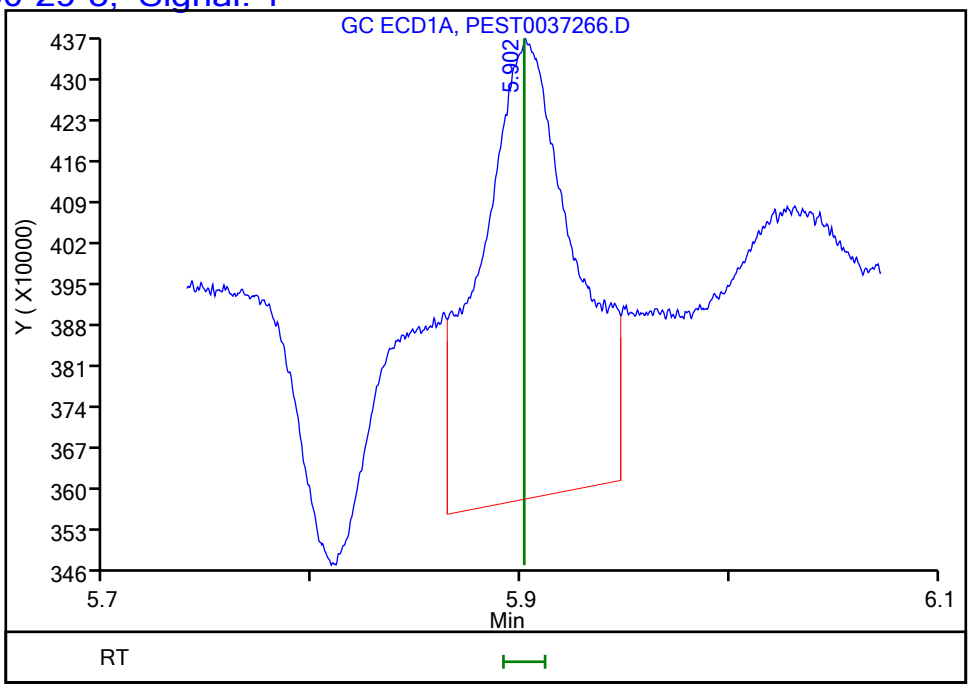
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037266.D
Injection Date: 02-May-2022 05:20:17 Instrument ID: CPESTGC12
Lims ID: 460-257083-E-1-E Lab Sample ID: 460-257083-1
Client ID: CC-COMP-01
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

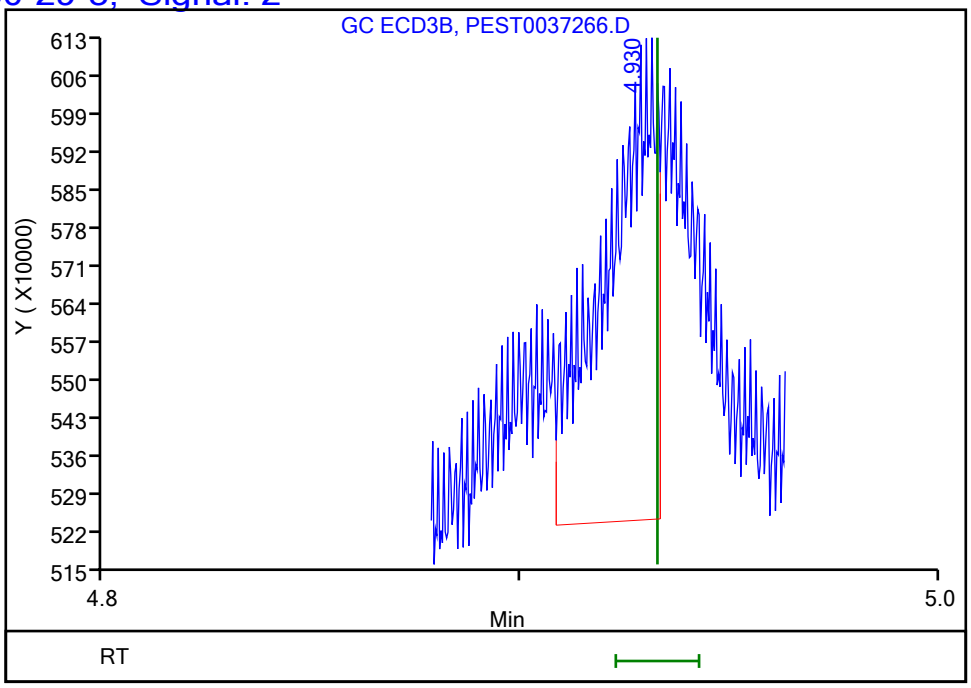
RT: 5.90
Response: 2447816
Amount: 1.770474



Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.93
Response: 740817
Amount: 0.298028



Reviewer: manlangitf, 02-May-2022 05:34:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

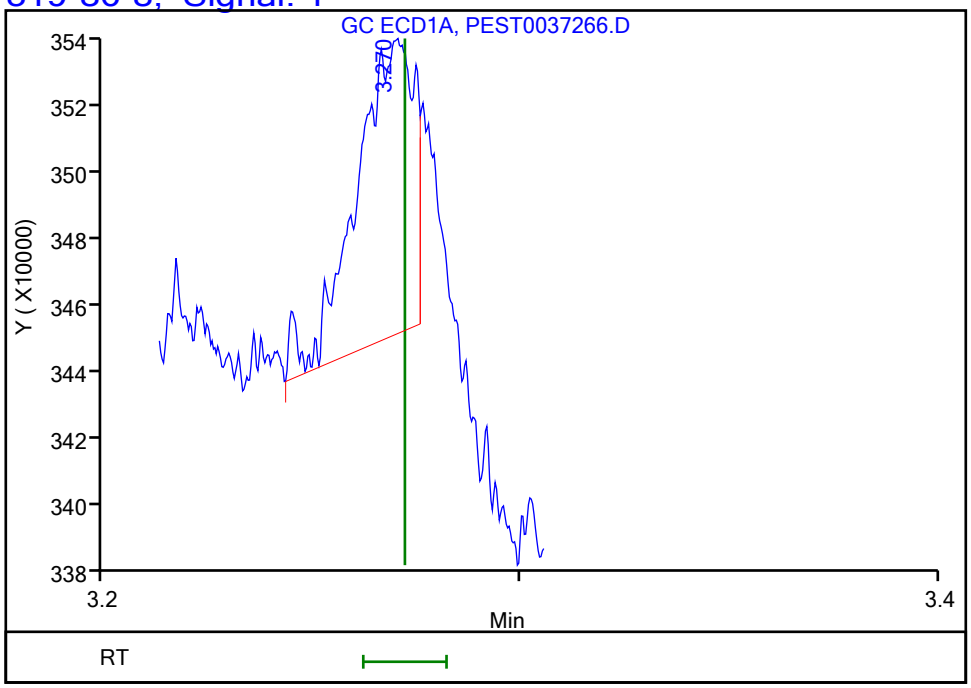
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037266.D
Injection Date: 02-May-2022 05:20:17 Instrument ID: CPESTGC12
Lims ID: 460-257083-E-1-E Lab Sample ID: 460-257083-1
Client ID: CC-COMP-01
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

32 delta-BHC, CAS: 319-86-8, Signal: 1

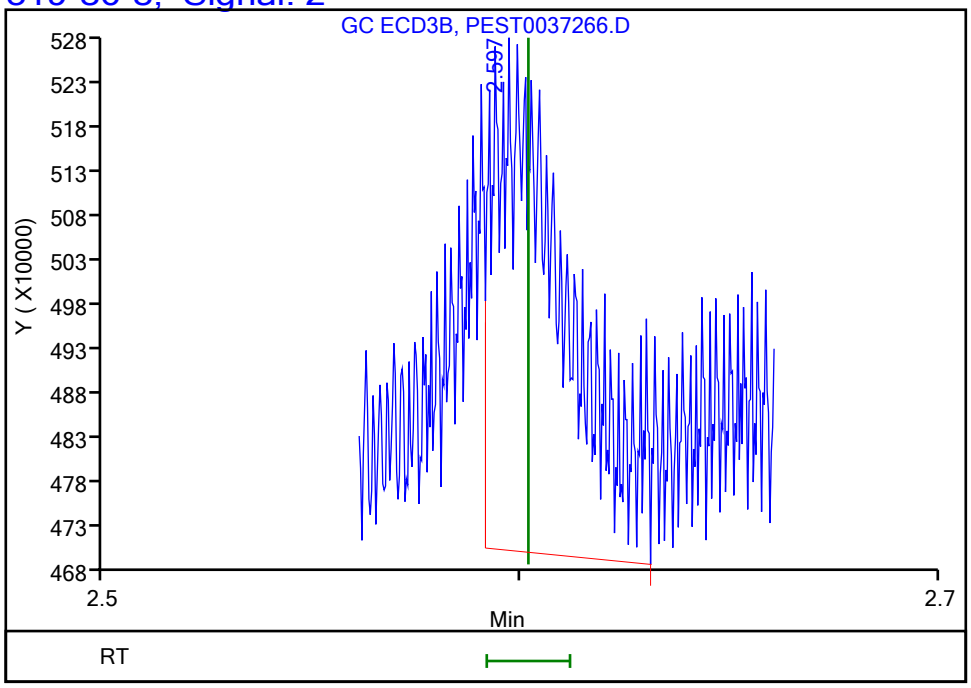
RT: 3.27
Response: 83509
Amount: 0.034561



Column: Detector GC ECD2B

32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.60
Response: 674451
Amount: 0.173742



Reviewer: manlangitf, 02-May-2022 05:34:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

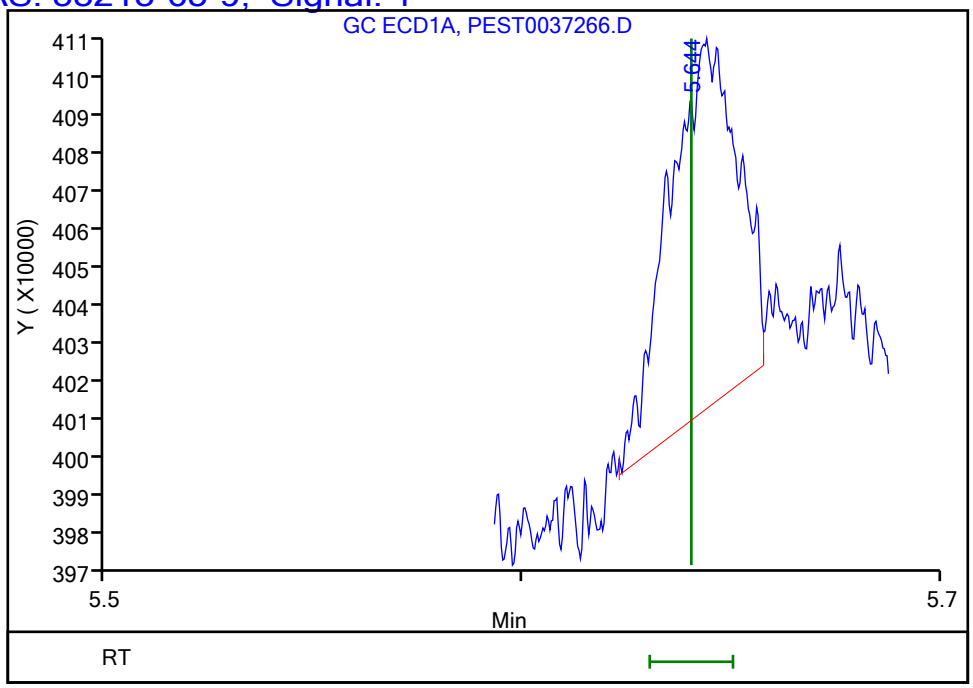
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037266.D
Injection Date: 02-May-2022 05:20:17 Instrument ID: CPESTGC12
Lims ID: 460-257083-E-1-E Lab Sample ID: 460-257083-1
Client ID: CC-COMP-01
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

11 Endosulfan II, CAS: 33213-65-9, Signal: 1

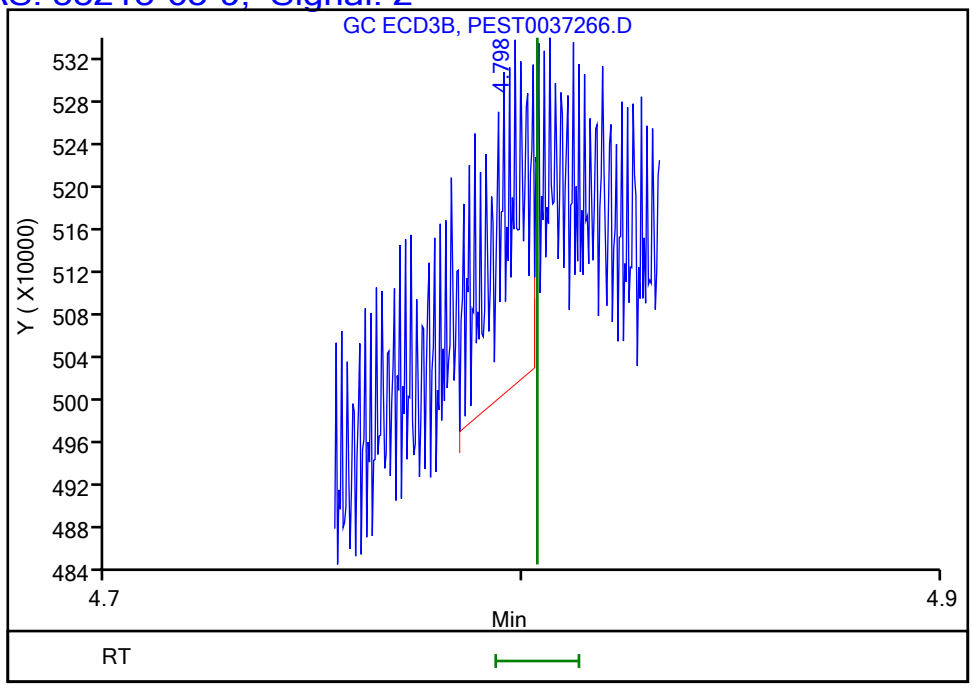
RT: 5.64
Response: 110500
Amount: 13.395032



Column: Detector GC ECD2B

11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.80
Response: 167435
Amount: 13.795114



Reviewer: manlangitf, 02-May-2022 05:34:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

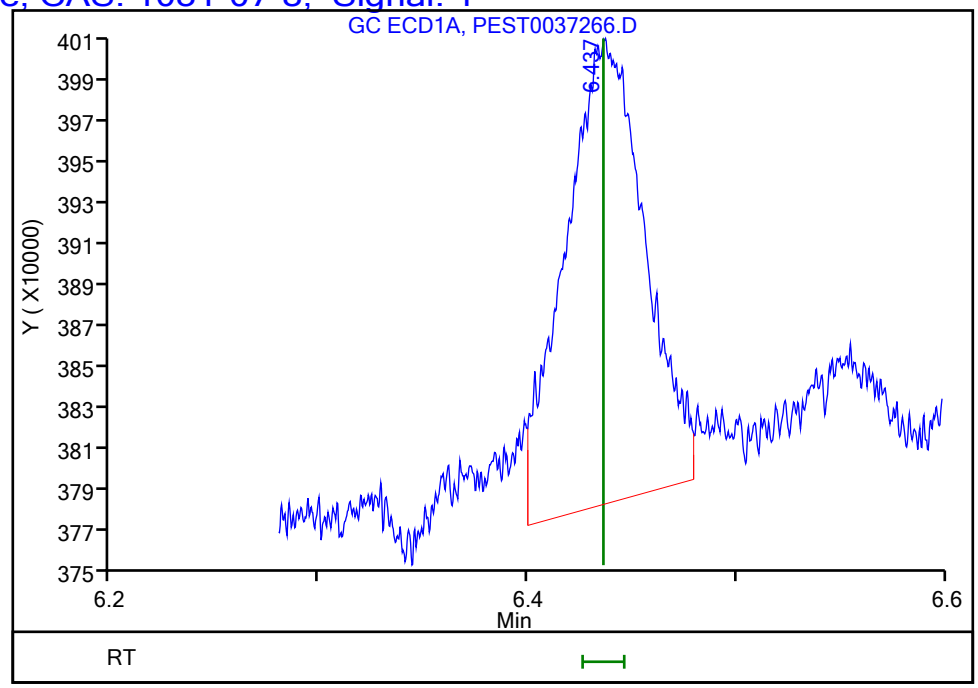
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037266.D
Injection Date: 02-May-2022 05:20:17 Instrument ID: CPESTGC12
Lims ID: 460-257083-E-1-E Lab Sample ID: 460-257083-1
Client ID: CC-COMP-01
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 1

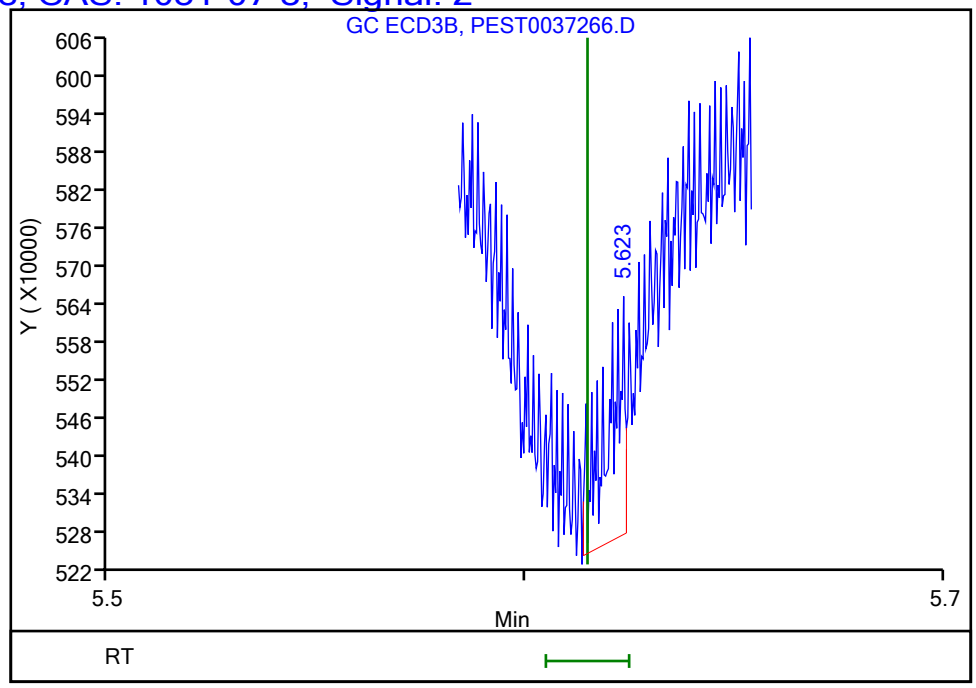
RT: 6.44
Response: 602069
Amount: 0.373233



Column: Detector GC ECD2B

3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 2

RT: 5.62
Response: 105444
Amount: 0.039794



Reviewer: manlangitf, 02-May-2022 05:34:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

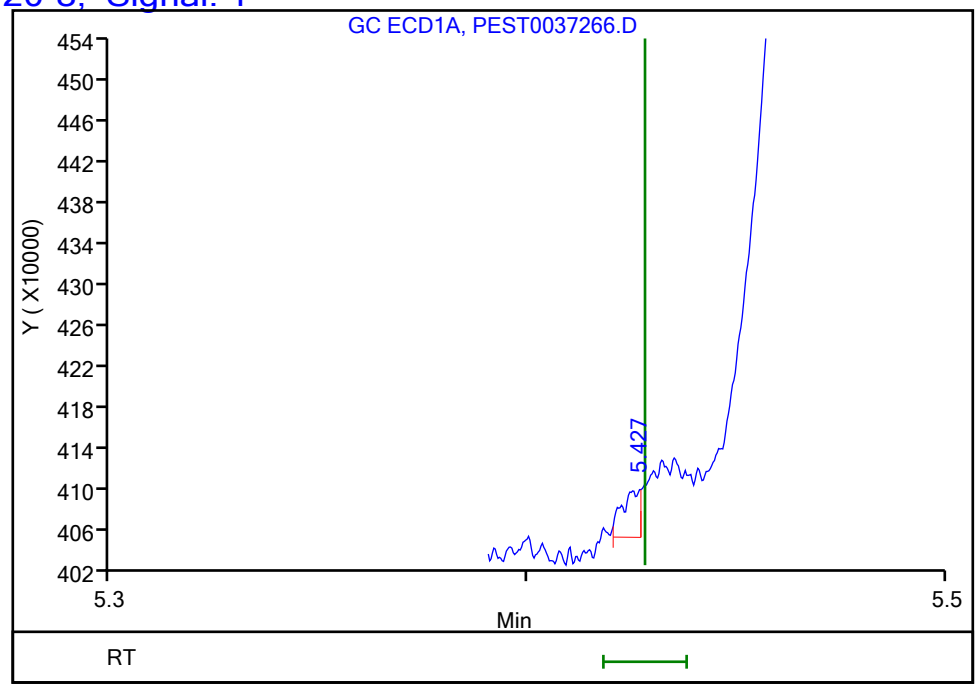
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037266.D
Injection Date: 02-May-2022 05:20:17 Instrument ID: CPESTGC12
Lims ID: 460-257083-E-1-E Lab Sample ID: 460-257083-1
Client ID: CC-COMP-01
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

20 Endrin, CAS: 72-20-8, Signal: 1

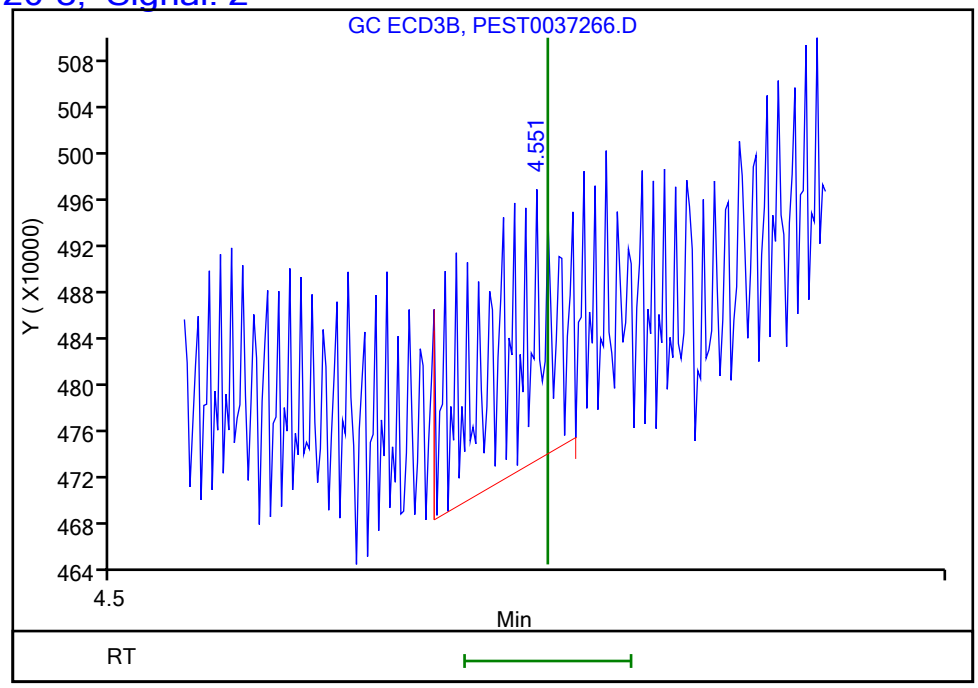
RT: 5.43
Response: 13681
Amount: 0.007987



Column: Detector GC ECD2B

20 Endrin, CAS: 72-20-8, Signal: 2

RT: 4.55
Response: 103667
Amount: 0.035829



Reviewer: manlangitf, 02-May-2022 05:34:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

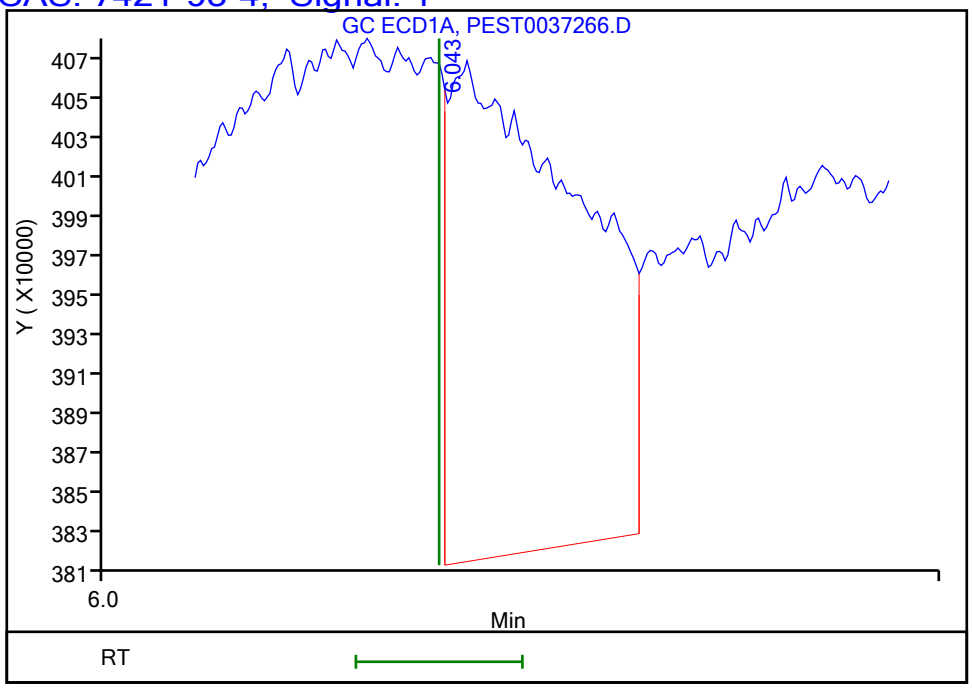
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037266.D
Injection Date: 02-May-2022 05:20:17 Instrument ID: CPESTGC12
Lims ID: 460-257083-E-1-E Lab Sample ID: 460-257083-1
Client ID: CC-COMP-01
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

5 Endrin aldehyde, CAS: 7421-93-4, Signal: 1

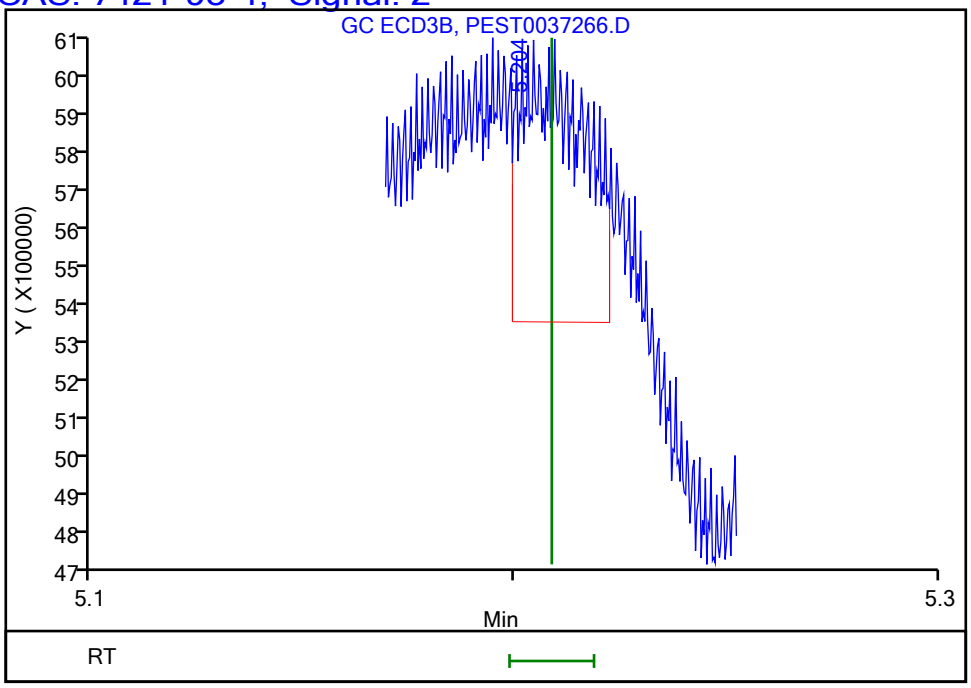
RT: 6.04
Response: 273228
Amount: 0.175247



Column: Detector GC ECD2B

5 Endrin aldehyde, CAS: 7421-93-4, Signal: 2

RT: 5.20
Response: 659468
Amount: 9.804091



Reviewer: manlangitf, 02-May-2022 05:34:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

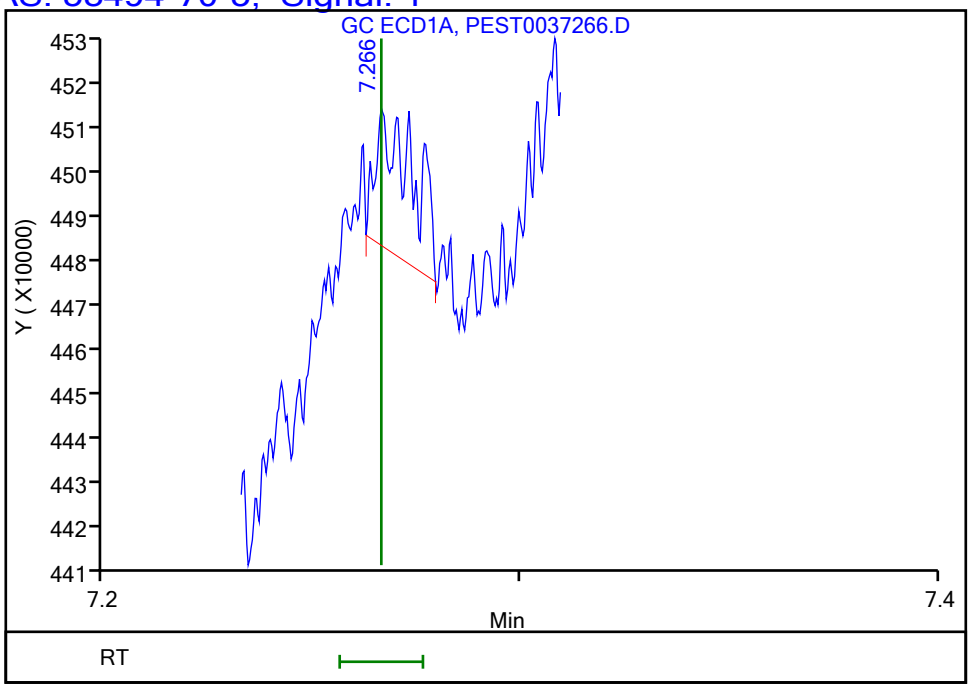
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037266.D
Injection Date: 02-May-2022 05:20:17 Instrument ID: CPESTGC12
Lims ID: 460-257083-E-1-E Lab Sample ID: 460-257083-1
Client ID: CC-COMP-01
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

13 Endrin ketone, CAS: 53494-70-5, Signal: 1

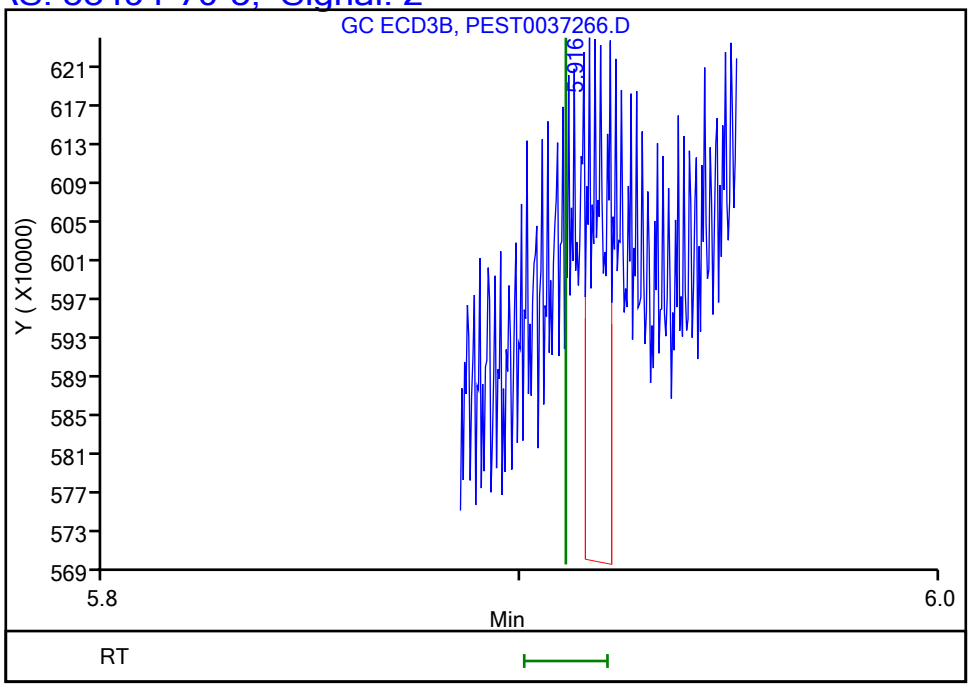
RT: 7.27
Response: 18799
Amount: 0.009281



Column: Detector GC ECD2B

13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.92
Response: 145015
Amount: 0.042838



Reviewer: manlangitf, 02-May-2022 05:34:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

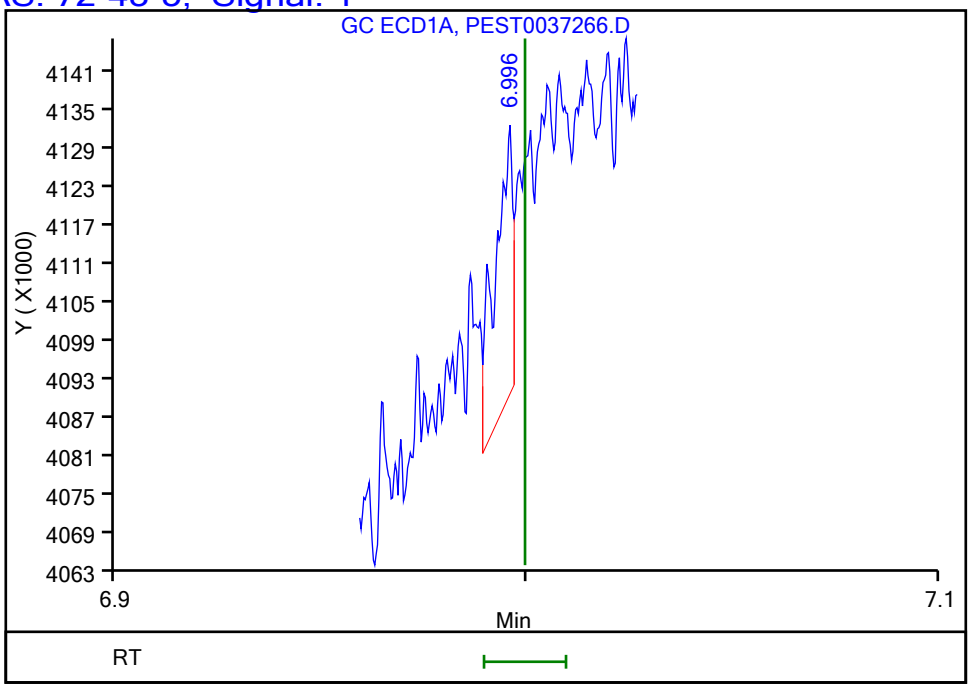
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037266.D
Injection Date: 02-May-2022 05:20:17 Instrument ID: CPESTGC12
Lims ID: 460-257083-E-1-E Lab Sample ID: 460-257083-1
Client ID: CC-COMP-01
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5, Signal: 1

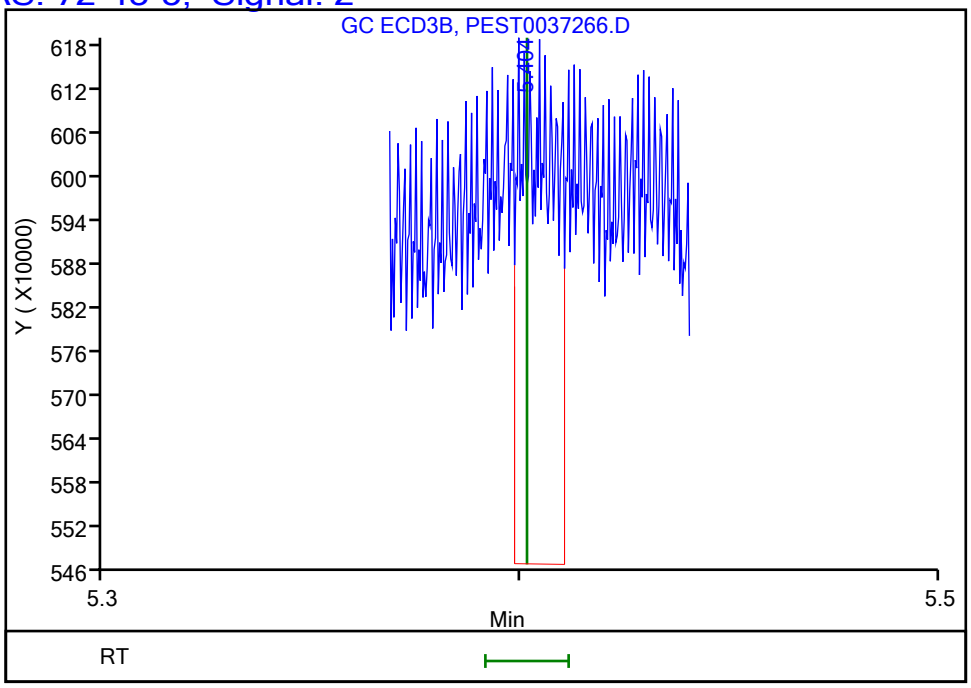
RT: 7.00
Response: 12605
Amount: 0.016591



Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.40
Response: 400364
Amount: 0.307272



Reviewer: manlangitf, 02-May-2022 05:34:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 833964

SDG No.:

Instrument ID: CPESTGC12 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2022 05:25 Calibration End Date: 03/18/2022 06:15 Calibration ID: 89822

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-833964/4	PEST0035873.D
Level 2	IC 460-833964/5	PEST0035874.D
Level 3	ICIS 460-833964/3	PEST0035872.D
Level 4	IC 460-833964/6	PEST0035875.D
Level 5	IC 460-833964/7	PEST0035876.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
alpha-BHC	1.6658	1.3774	1.2854	1.6533	1.7682	Ave		1.5500				13.4		20.0			
gamma-BHC (Lindane)	1.6135	1.2452	1.1633	1.4861	1.5838	Ave		1.4184				14.3		20.0			
beta-BHC	0.4266	0.5533	0.5066	0.6318	0.6579	Ave		0.5552				16.9		20.0			
delta-BHC	1.4171	1.1970	1.1080	1.4618	1.5565	Ave		1.3481				14.0		20.0			
Heptachlor	1.3077	0.9941	0.9800	1.2025	1.2817	Ave		1.1532				13.6		20.0			
Aldrin	1.4455	1.1182	1.0542	1.3270	1.3949	Ave		1.2680				13.6		20.0			
Heptachlor epoxide	1.4347	0.9966	0.9318	1.1590	1.2045	Ave		1.1453				17.2		20.0			
trans-Chlordane	1.3311	0.9731	0.9299	1.1700	1.2238	Ave		1.1256				15.1		20.0			
cis-Chlordane	1.3591	0.9473	0.9024	1.1290	1.1790	Ave		1.1034				16.7		20.0			
Endosulfan I	1.2871	0.8961	0.8649	1.0709	1.1106	Ave		1.0459				16.4		20.0			
4,4'-DDE	1.3065	0.9473	0.9367	1.1765	1.2208	Ave		1.1176				14.9		20.0			
Dieldrin	1.4150	1.0306	0.9806	1.2250	1.2734	Ave		1.1849				15.1		20.0			
Endrin	1.1049	0.8310	0.8077	0.9999	1.0346	Ave		0.9556				13.6		20.0			
4,4'-DDD	1.1588	0.8264	0.8004	1.0151	1.0465	Ave		0.9694				15.7		20.0			
Endosulfan II	1.2728	0.6904	0.8590	1.0359	1.0862	Lin	-14.77	1.1075							0.9980		0.9900
4,4'-DDT	0.8200	0.6165	0.6685	0.8488	0.9031	Ave		0.7714				15.9		20.0			
Endrin aldehyde	1.1281	0.7228	0.7123	0.8905	0.8956	Ave		0.8699				19.4		20.0			
Endosulfan sulfate	1.0774	0.7772	0.7383	0.9410	0.9660	Ave		0.9000				15.6		20.0			
Methoxychlor	0.4676	0.3552	0.3739	0.4530	0.4698	Ave		0.4239				13.0		20.0			
Mirex	1.0342	0.6545	0.6606	0.7809	0.7700	Ave		0.7800				19.7		20.0			
Endrin ketone	1.4188	0.9905	0.8995	1.1586	1.1830	Ave		1.1301				17.7		20.0			
Tetrachloro-m-xylene	1.2231	0.9363	0.9927	1.0984	1.1713	Ave		1.0844				11.0		20.0			
DCB Decachlorobiphenyl	1.0124	0.6882	0.6918	0.7830	0.7986	Ave		0.7948				16.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 833964

SDG No.:

Instrument ID: CPESTGC12 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2022 05:25 Calibration End Date: 03/18/2022 06:15 Calibration ID: 89822

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-833964/4	PEST0035873.D
Level 2	IC 460-833964/5	PEST0035874.D
Level 3	ICIS 460-833964/3	PEST0035872.D
Level 4	IC 460-833964/6	PEST0035875.D
Level 5	IC 460-833964/7	PEST0035876.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	BNB	Ave	5226339	107057575	199044967	577981705	1097777807	2.50	50.0	100	250	500
gamma-BHC (Lindane)	BNB	Ave	5062485	96779670	180138018	519520163	983296164	2.50	50.0	100	250	500
beta-BHC	BNB	Ave	1338460	43007059	78447380	220865130	408417205	2.50	50.0	100	250	500
delta-BHC	BNB	Ave	4446250	93034647	171566251	511039845	966319624	2.50	50.0	100	250	500
Heptachlor	BNB	Ave	4102928	77267663	151751053	420383315	795734444	2.50	50.0	100	250	500
Aldrin	BNB	Ave	4535166	86910155	163242088	463921057	866006320	2.50	50.0	100	250	500
Heptachlor epoxide	BNB	Ave	4501495	77456881	144290179	405167897	747792188	2.50	50.0	100	250	500
trans-Chlordane	BNB	Ave	4176399	75635811	143993025	409022442	759777518	2.50	50.0	100	250	500
cis-Chlordane	BNB	Ave	4264090	73631660	139737518	394701848	731966556	2.50	50.0	100	250	500
Endosulfan I	BNB	Ave	4038387	69647144	133921853	374366462	689478478	2.50	50.0	100	250	500
4,4'-DDE	BNB	Ave	4099192	73625182	145038062	411307881	757935469	2.50	50.0	100	250	500
Dieldrin	BNB	Ave	4439564	80098802	151847611	428244075	790580764	2.50	50.0	100	250	500
Endrin	BNB	Ave	3466545	64588477	125069169	349560717	642335073	2.50	50.0	100	250	500
4,4'-DDD	BNB	Ave	3635840	64233475	123930894	354876138	649685747	2.50	50.0	100	250	500
Endosulfan II	BNB	Lin	3993295	53662360	133004746	362131129	674359909	2.50	50.0	100	250	500
4,4'-DDT	BNB	Ave	2572720	47913755	103514639	296752257	560645967	2.50	50.0	100	250	500
Endrin aldehyde	BNB	Ave	3539411	56179357	110294118	311314092	556022168	2.50	50.0	100	250	500
Endosulfan sulfate	BNB	Ave	3380427	60408108	114317629	328975756	599751257	2.50	50.0	100	250	500
Methoxychlor	BNB	Ave	1467166	27606710	57894465	158353168	291645314	2.50	50.0	100	250	500
Mirex	BNB	Ave	3244661	50870553	102282829	273005877	478034572	2.50	50.0	100	250	500
Endrin ketone	BNB	Ave	4451550	76983355	139287480	405041997	734430962	2.50	50.0	100	250	500
Tetrachloro-m-xylene	BNB	Ave	9593677	72772086	153708641	230396992	290884722	6.25	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	7940617	53489947	107127512	164235268	198315957	6.25	50.0	100	150	200

Curve Type Legend
Ave = Average ISTD
Lin = Linear ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035872.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 18-Mar-2022 05:25:47 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142825-003
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Mar-2022 05:33:46 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1664

First Level Reviewer: manlangitf Date: 18-Mar-2022 05:54:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.632	1.632	0.000	154844812	100.0	100.0	
2	1.534	1.534	0.000	266339492	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.159	2.159	0.000	153708641	100.0	91.5	
2	1.895	1.895	0.000	285477425	100.0	91.8	
						RPD = 0.24	
15 alpha-BHC							
1	2.596	2.596	0.000	199044967	100.0	82.9	
2	2.212	2.212	0.000	377114825	100.0	81.4	
						RPD = 1.84	
2 gamma-BHC (Lindane)							M
1	2.896	2.896	0.000	180138018	100.0	82.0	M
2	2.414	2.414	0.000	351857053	100.0	81.1	
						RPD = 1.09	
6 beta-BHC							M
1	2.953	2.953	0.000	78447380	100.0	91.2	M
2	2.465	2.465	0.000	144485840	100.0	88.6	
						RPD = 2.97	
32 delta-BHC							
1	3.250	3.250	0.000	171566251	100.0	82.2	
2	2.595	2.595	0.000	333723104	100.0	82.3	
						RPD = 0.09	
18 Heptachlor							
1	3.343	3.343	0.000	151751053	100.0	85.0	
2	2.754	2.754	0.000	307291364	100.0	84.0	
						RPD = 1.13	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.723	3.723	0.000	163242088	100.0	83.1	
2	3.000	3.000	0.000	337114190	100.0	82.3	
						RPD = 1.04	
12 Heptachlor epoxide							
1	4.372	4.372	0.000	144290179	100.0	81.4	
2	3.583	3.583	0.000	303365873	100.0	81.9	
						RPD = 0.63	
9 trans-Chlordane							M
1	4.608	4.608	0.000	143993025	100.0	82.6	M
2	3.718	3.718	0.000	312082415	100.0	82.0	
						RPD = 0.69	
23 cis-Chlordane							M
1	4.780	4.780	0.000	139737518	100.0	81.8	M
2	3.859	3.859	0.000	295121507	100.0	81.5	
						RPD = 0.41	
7 Endosulfan I							M
1	4.847	4.847	0.000	133921853	100.0	82.7	M
2	4.010	4.010	0.000	278196939	100.0	82.6	
						RPD = 0.16	
25 4,4'-DDE							
1	4.951	4.951	0.000	145038062	100.0	83.8	
2	3.939	3.939	0.000	305372367	100.0	81.4	
						RPD = 2.96	
30 Dieldrin							M
1	5.121	5.121	0.000	151847611	100.0	82.8	
2	4.262	4.262	0.000	307447080	100.0	80.7	M
						RPD = 2.50	
20 Endrin							
1	5.405	5.405	0.000	125069169	100.0	84.5	
2	4.532	4.532	0.000	251917258	100.0	83.3	
						RPD = 1.44	
16 4,4'-DDD							
1	5.517	5.517	0.000	123930894	100.0	82.6	
2	4.618	4.618	0.000	254642239	100.0	81.9	
						RPD = 0.75	
11 Endosulfan II							
1	5.616	5.616	0.000	133004746	100.0	90.9	
2	4.789	4.789	0.000	259406039	100.0	89.3	
						RPD = 1.81	
21 4,4'-DDT							
1	5.873	5.873	0.000	103514639	100.0	86.7	
2	4.920	4.920	0.000	223386182	100.0	86.0	
						RPD = 0.78	
5 Endrin aldehyde							
1	6.012	6.012	0.000	110294118	100.0	81.9	
2	5.197	5.197	0.000	220084640	100.0	86.0	
						RPD = 4.91	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.404	6.404	0.000	114317629	100.0	82.0	
2	5.602	5.602	0.000	212584817	100.0	76.8	
						RPD = 6.63	
10 Methoxychlor							
1	6.963	6.963	0.000	57894465	100.0	88.2	
2	5.391	5.391	0.000	113597252	100.0	83.4	
						RPD = 5.57	
34 Mirex							M
1	7.159	7.159	0.000	102282829	100.0	84.7	M
2	5.474	5.474	0.000	195694587	100.0	85.4	
						RPD = 0.83	
13 Endrin ketone							M
1	7.238	7.238	0.000	139287480	100.0	79.6	M
2	5.897	5.897	0.000	284793350	100.0	80.5	
						RPD = 1.13	
$ 24 DCB Decachlorobiphenyl							
1	8.409	8.409	0.000	107127512	100.0	87.0	
2	7.427	7.427	0.000	242237209	100.0	81.1	
						RPD = 7.02	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

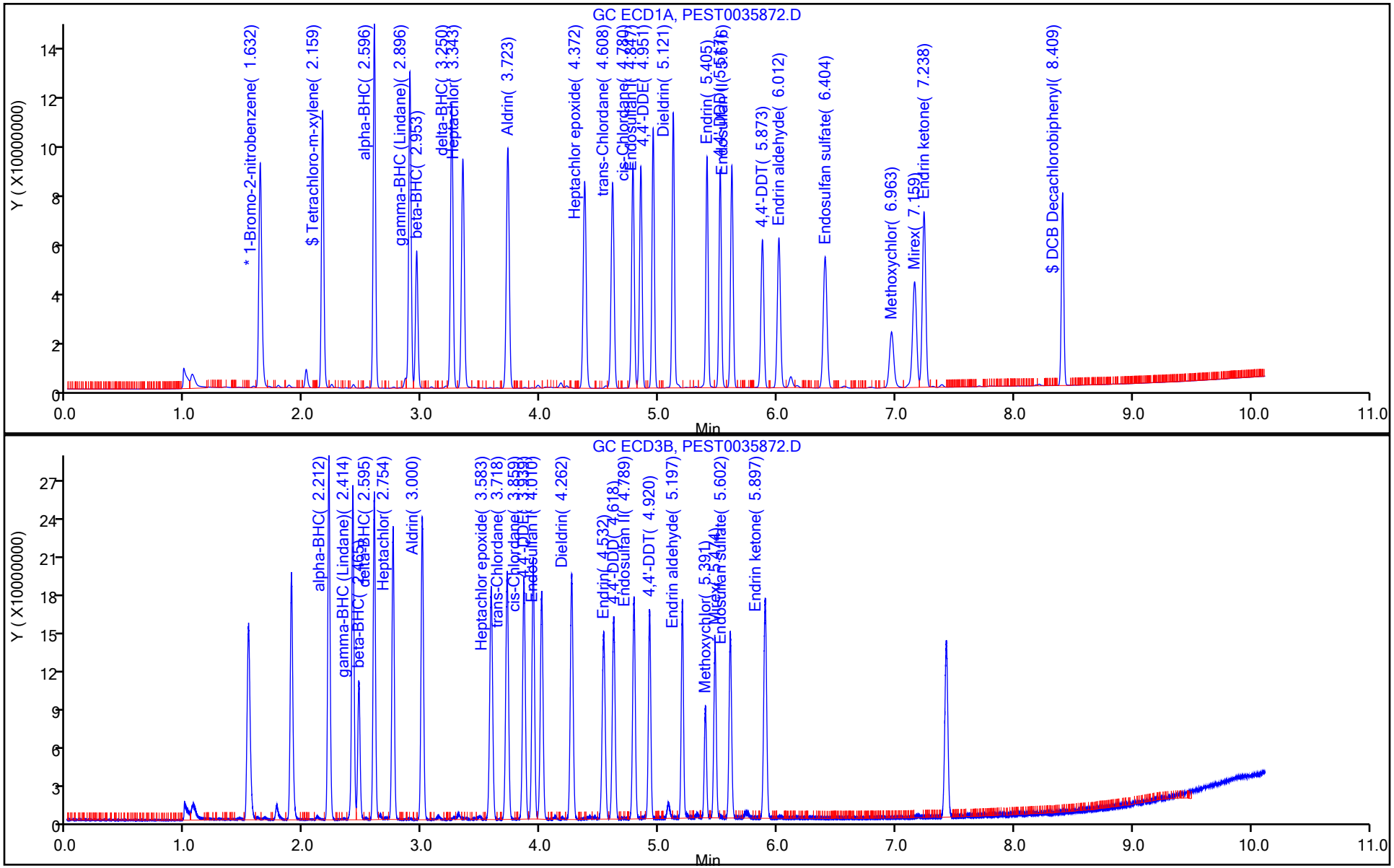
SGPESTL3_00040	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 22-Mar-2022 05:33:47 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035872.D

Injection Date:	18-Mar-2022 05:25:47	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	ICIS			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035873.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 18-Mar-2022 05:38:07 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142825-004
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Mar-2022 05:33:52 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1664

First Level Reviewer: manlangitf Date: 18-Mar-2022 06:43:44

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.630	1.632	-0.002	125499831	100.0	100.0	
2	1.533	1.534	-0.001	214745692	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.157	2.159	-0.002	9593677	6.25	7.05	
2	1.894	1.895	-0.001	17765410	6.25	7.08	
						RPD = 0.46	
15 alpha-BHC							
1	2.595	2.596	-0.001	5226339	2.50	2.69	
2	2.210	2.212	-0.002	9929130	2.50	2.66	
						RPD = 1.05	
2 gamma-BHC (Lindane)							
1	2.895	2.896	-0.001	5062485	2.50	2.84	
2	2.414	2.414	0.000	9661304	2.50	2.76	
						RPD = 2.89	
6 beta-BHC							
1	2.951	2.953	-0.002	1338460	2.50	1.92	
2	2.464	2.465	-0.001	2855150	2.50	2.17	
						RPD = 12.22	
32 delta-BHC							
1	3.248	3.250	-0.002	4446250	2.50	2.63	
2	2.595	2.595	0.000	8502969	2.50	2.60	
						RPD = 1.09	
18 Heptachlor							
1	3.343	3.343	0.000	4102928	2.50	2.83	
2	2.752	2.754	-0.002	8501636	2.50	2.88	
						RPD = 1.69	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.722	3.723	-0.001	4535166	2.50	2.85	
2	3.000	3.000	0.000	9396050	2.50	2.84	
						RPD = 0.19	
12 Heptachlor epoxide							
1	4.372	4.372	0.000	4501495	2.50	3.13	
2	3.584	3.583	0.001	9297308	2.50	3.11	
						RPD = 0.63	
9 trans-Chlordane							
1	4.607	4.608	-0.001	4176399	2.50	2.96	
2	3.719	3.718	0.001	8839757	2.50	2.88	
						RPD = 2.54	
23 cis-Chlordane							
1	4.779	4.780	-0.001	4264090	2.50	3.08	
2	3.858	3.859	-0.001	8623718	2.50	2.95	
						RPD = 4.22	
7 Endosulfan I							
1	4.846	4.847	-0.001	4038387	2.50	3.08	
2	4.010	4.010	0.000	8201796	2.50	3.02	
						RPD = 1.90	
25 4,4'-DDE							
1	4.949	4.951	-0.002	4099192	2.50	2.92	
2	3.939	3.939	0.000	8789563	2.50	2.90	
						RPD = 0.61	
30 Dieldrin							
1	5.120	5.121	-0.001	4439564	2.50	2.99	
2	4.263	4.262	0.001	9548721	2.50	3.11	
						RPD = 4.06	
20 Endrin							
1	5.405	5.405	0.000	3466545	2.50	2.89	
2	4.533	4.532	0.001	7277503	2.50	2.98	
						RPD = 3.22	
16 4,4'-DDD							
1	5.516	5.517	-0.001	3635840	2.50	2.99	
2	4.617	4.618	-0.001	7297462	2.50	2.91	
						RPD = 2.58	
11 Endosulfan II							
1	5.614	5.616	-0.002	3993295	2.50	16.2	
2	4.789	4.789	0.000	8107210	2.50	16.7	
						RPD = 2.79	
21 4,4'-DDT							
1	5.871	5.873	-0.002	2572720	2.50	2.66	
2	4.919	4.920	-0.001	5456418	2.50	2.61	
						RPD = 2.00	
5 Endrin aldehyde							
1	6.012	6.012	0.000	3539411	2.50	3.24	
2	5.196	5.197	-0.001	7237216	2.50	12.7	
						RPD = 118.56	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.403	6.404	-0.001	3380427	2.50	2.99	
2	5.601	5.602	-0.001	6359264	2.50	2.85	
						RPD = 4.96	
10 Methoxychlor							
1	6.963	6.963	0.000	1467166	2.50	2.76	
2	5.390	5.391	-0.001	3355449	2.50	3.06	
						RPD = 10.26	
34 Mirex							
1	7.158	7.159	-0.001	3244661	2.50	3.31	
2	5.472	5.474	-0.002	6717354	2.50	12.0	
						RPD = 113.61	
13 Endrin ketone							
1	7.240	7.238	0.002	4451550	2.50	3.14	
2	5.896	5.897	-0.001	9042834	2.50	3.17	
						RPD = 1.00	
$ 24 DCB Decachlorobiphenyl							
1	8.408	8.409	-0.001	7940617	6.25	7.96	
2	7.426	7.427	-0.001	18443968	6.25	7.66	
						RPD = 3.82	

QC Flag Legend

Processing Flags

Reagents:

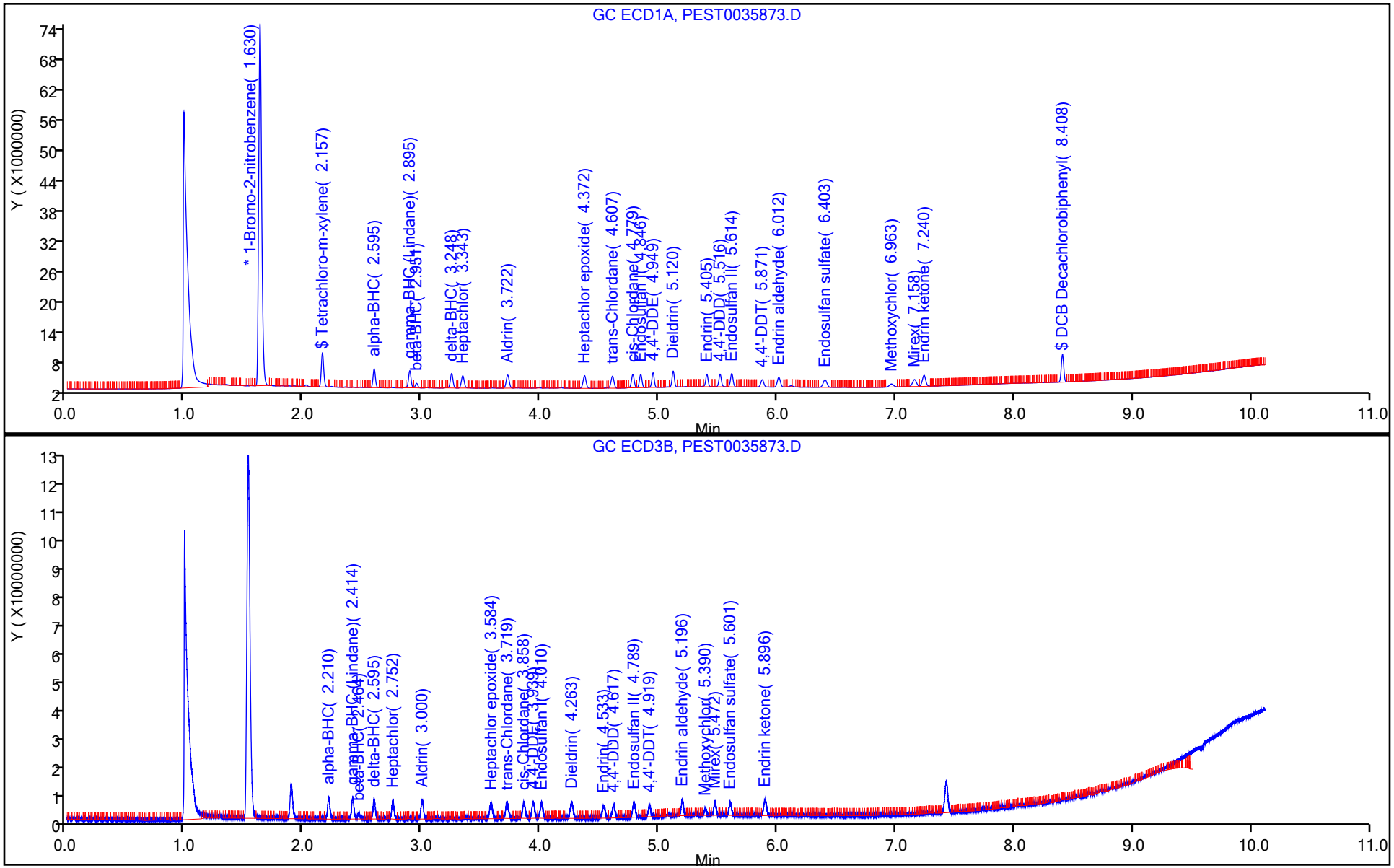
SGPESTL1_00031	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 22-Mar-2022 05:33:53 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035873.D

Injection Date:	18-Mar-2022 05:38:07	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035874.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 18-Mar-2022 05:50:24 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142825-005
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Mar-2022 05:33:58 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1664

First Level Reviewer: manlangitf Date: 18-Mar-2022 06:20:00

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.631	1.632	-0.001	155448133	100.0	100.0	
2	1.532	1.534	-0.002	262592953	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.158	2.159	-0.001	72772086	50.0	43.2	
2	1.895	1.895	0.000	131859672	50.0	43.0	
						RPD = 0.43	
15 alpha-BHC							M
1	2.595	2.596	-0.001	107057575	50.0	44.4	
2	2.211	2.212	-0.001	201412546	50.0	44.1	M
						RPD = 0.74	
2 gamma-BHC (Lindane)							M
1	2.895	2.896	-0.001	96779670	50.0	43.9	M
2	2.415	2.414	0.001	187410450	50.0	43.8	
						RPD = 0.15	
6 beta-BHC							M
1	2.952	2.953	-0.001	43007059	50.0	49.8	M
2	2.465	2.465	0.000	77920235	50.0	48.5	
						RPD = 2.80	
32 delta-BHC							
1	3.249	3.250	-0.001	93034647	50.0	44.4	
2	2.595	2.595	0.000	175301626	50.0	43.8	
						RPD = 1.29	
18 Heptachlor							
1	3.343	3.343	0.000	77267663	50.0	43.1	
2	2.754	2.754	0.000	155781507	50.0	43.2	
						RPD = 0.24	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.723	3.723	0.000	86910155	50.0	44.1	
2	3.001	3.000	0.001	178808065	50.0	44.3	
						RPD = 0.39	
12 Heptachlor epoxide							
1	4.372	4.372	0.000	77456881	50.0	43.5	
2	3.583	3.583	0.000	161830349	50.0	44.3	
						RPD = 1.81	
9 trans-Chlordane							M
1	4.608	4.608	0.000	75635811	50.0	43.2	M
2	3.717	3.718	-0.001	162359425	50.0	43.3	
						RPD = 0.15	
23 cis-Chlordane							M
1	4.780	4.780	0.000	73631660	50.0	42.9	M
2	3.858	3.859	-0.001	154528765	50.0	43.3	
						RPD = 0.77	
7 Endosulfan I							M
1	4.845	4.847	-0.002	69647144	50.0	42.8	M
2	4.009	4.010	-0.001	145435966	50.0	43.8	
						RPD = 2.17	
25 4,4'-DDE							
1	4.950	4.951	-0.001	73625182	50.0	42.4	
2	3.938	3.939	-0.001	157090714	50.0	42.5	
						RPD = 0.18	
30 Dieldrin							
1	5.120	5.121	-0.001	80098802	50.0	43.5	
2	4.262	4.262	0.000	163939143	50.0	43.7	
						RPD = 0.39	
20 Endrin							
1	5.404	5.405	-0.001	64588477	50.0	43.5	
2	4.532	4.532	0.000	129921087	50.0	43.6	
						RPD = 0.23	
16 4,4'-DDD							
1	5.516	5.517	-0.001	64233475	50.0	42.6	
2	4.617	4.618	-0.001	130829385	50.0	42.7	
						RPD = 0.18	
11 Endosulfan II							
1	5.615	5.616	-0.001	53662360	50.0	44.5	
2	4.788	4.789	-0.001	106491974	50.0	45.2	
						RPD = 1.52	
21 4,4'-DDT							
1	5.872	5.873	-0.001	47913755	50.0	40.0	
2	4.920	4.920	0.000	101720445	50.0	39.7	
						RPD = 0.61	
5 Endrin aldehyde							
1	6.012	6.012	0.000	56179357	50.0	41.5	
2	5.197	5.197	0.000	112872301	50.0	49.3	
						RPD = 17.13	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							M
1	6.403	6.404	-0.001	60408108	50.0	43.2	
2	5.602	5.602	0.000	121353456	50.0	44.4	M
						RPD = 2.90	
10 Methoxychlor							
1	6.962	6.963	-0.001	27606710	50.0	41.9	
2	5.392	5.391	0.001	55770662	50.0	41.5	
						RPD = 0.85	
34 Mirex							M
1	7.158	7.159	-0.001	50870553	50.0	42.0	M
2	5.473	5.474	-0.001	97129799	50.0	47.3	
						RPD = 12.07	
13 Endrin ketone							M
1	7.238	7.238	0.000	76983355	50.0	43.8	M
2	5.896	5.897	-0.001	151235466	50.0	43.4	M
						RPD = 1.07	
$ 24 DCB Decachlorobiphenyl							
1	8.409	8.409	0.000	53489947	50.0	43.3	
2	7.427	7.427	0.000	132645341	50.0	45.1	
						RPD = 4.01	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

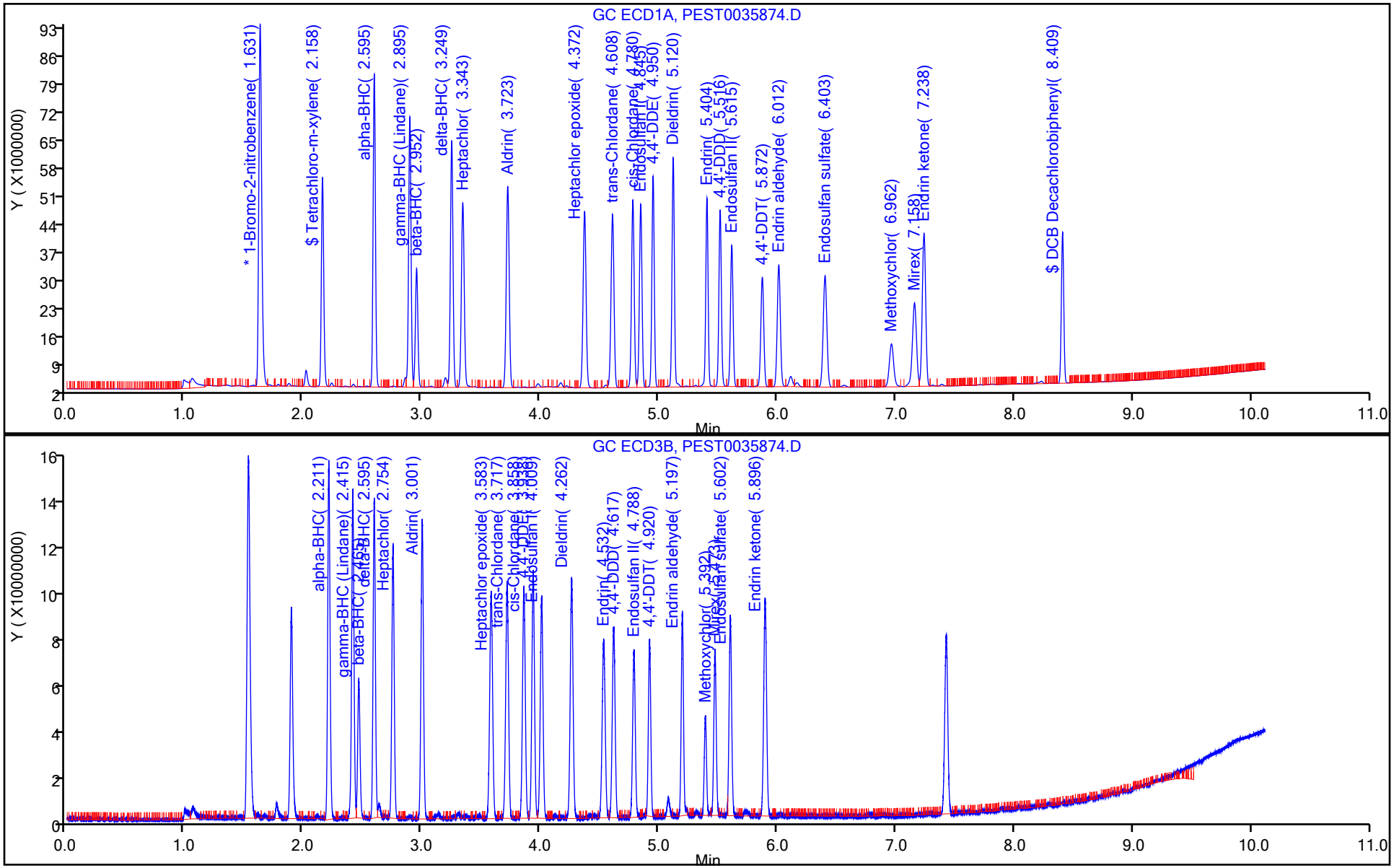
SGPESTL2_00040	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 22-Mar-2022 05:33:58 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035874.D

Injection Date:	18-Mar-2022 05:50:24	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035875.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 18-Mar-2022 06:02:43 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142825-006
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Mar-2022 05:34:05 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1664

First Level Reviewer: manlangitf Date: 18-Mar-2022 06:18:37

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.630	1.632	-0.002	139837738	100.0	100.0	
2	1.530	1.534	-0.004	242795624	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.157	2.159	-0.002	230396992	150.0	151.9	
2	1.895	1.895	0.000	435220469	150.0	153.5	
						RPD = 0.99	
15 alpha-BHC							
1	2.595	2.596	-0.001	577981705	250.0	266.7	
2	2.211	2.212	-0.001	1132733792	250.0	268.3	
						RPD = 0.60	
2 gamma-BHC (Lindane)							M
1	2.895	2.896	-0.001	519520163	250.0	261.9	M
2	2.414	2.414	0.000	1046786276	250.0	264.8	
						RPD = 1.08	
6 beta-BHC							M
1	2.952	2.953	-0.001	220865130	250.0	284.5	M
2	2.465	2.465	0.000	416178419	250.0	279.9	
						RPD = 1.62	
32 delta-BHC							
1	3.249	3.250	-0.001	511039845	250.0	271.1	
2	2.595	2.595	0.000	1005449082	250.0	271.9	
						RPD = 0.29	
18 Heptachlor							
1	3.343	3.343	0.000	420383315	250.0	260.7	
2	2.754	2.754	0.000	865445384	250.0	259.6	
						RPD = 0.42	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							M
1	3.723	3.723	0.000	463921057	250.0	261.6	
2	3.000	3.000	0.000	978752601	250.0	262.1	M
						RPD = 0.16	
12 Heptachlor epoxide							
1	4.371	4.372	-0.001	405167897	250.0	253.0	
2	3.582	3.583	-0.001	853894775	250.0	252.8	
						RPD = 0.07	
9 trans-Chlordane							M
1	4.607	4.608	-0.001	409022442	250.0	259.9	M
2	3.717	3.718	-0.001	908264244	250.0	261.9	
						RPD = 0.79	
23 cis-Chlordane							M
1	4.779	4.780	-0.001	394701848	250.0	255.8	M
2	3.859	3.859	0.000	859637832	250.0	260.3	
						RPD = 1.73	
7 Endosulfan I							M
1	4.846	4.847	-0.001	374366462	250.0	256.0	M
2	4.009	4.010	-0.001	790838949	250.0	257.5	
						RPD = 0.58	
25 4,4'-DDE							
1	4.950	4.951	-0.001	411307881	250.0	263.2	
2	3.938	3.939	-0.001	907849505	250.0	265.4	
						RPD = 0.82	
30 Dieldrin							
1	5.120	5.121	-0.001	428244075	250.0	258.5	
2	4.263	4.262	0.001	886675525	250.0	255.4	
						RPD = 1.20	
20 Endrin							
1	5.405	5.405	0.000	349560717	250.0	261.6	
2	4.532	4.532	0.000	717104393	250.0	260.1	
						RPD = 0.55	
16 4,4'-DDD							
1	5.516	5.517	-0.001	354876138	250.0	261.8	
2	4.618	4.618	0.000	754856128	250.0	266.5	
						RPD = 1.77	
11 Endosulfan II							
1	5.614	5.616	-0.002	362131129	250.0	247.2	
2	4.789	4.789	0.000	732368642	250.0	247.6	
						RPD = 0.19	
21 4,4'-DDT							
1	5.872	5.873	-0.001	296752257	250.0	275.1	
2	4.920	4.920	0.000	659926106	250.0	278.7	
						RPD = 1.28	
5 Endrin aldehyde							
1	6.012	6.012	0.000	311314092	250.0	255.9	
2	5.198	5.197	0.001	639755536	250.0	253.3	
						RPD = 1.02	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.403	6.404	-0.001	328975756	250.0	261.4	
2	5.603	5.602	0.001	680452911	250.0	269.5	
						RPD = 3.07	
10 Methoxychlor							
1	6.963	6.963	0.000	158353168	250.0	267.1	
2	5.391	5.391	0.000	321791134	250.0	259.2	
						RPD = 3.01	
34 Mirex							M
1	7.158	7.159	-0.001	273005877	250.0	250.3	M
2	5.473	5.474	-0.001	583069396	250.0	259.2	
						RPD = 3.49	
13 Endrin ketone							M
1	7.239	7.238	0.001	405041997	250.0	256.3	M
2	5.896	5.897	-0.001	823292780	250.0	255.3	
						RPD = 0.40	
$ 24 DCB Decachlorobiphenyl							
1	8.409	8.409	0.000	164235268	150.0	147.8	
2	7.426	7.427	-0.001	414532655	150.0	152.3	
						RPD = 3.03	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

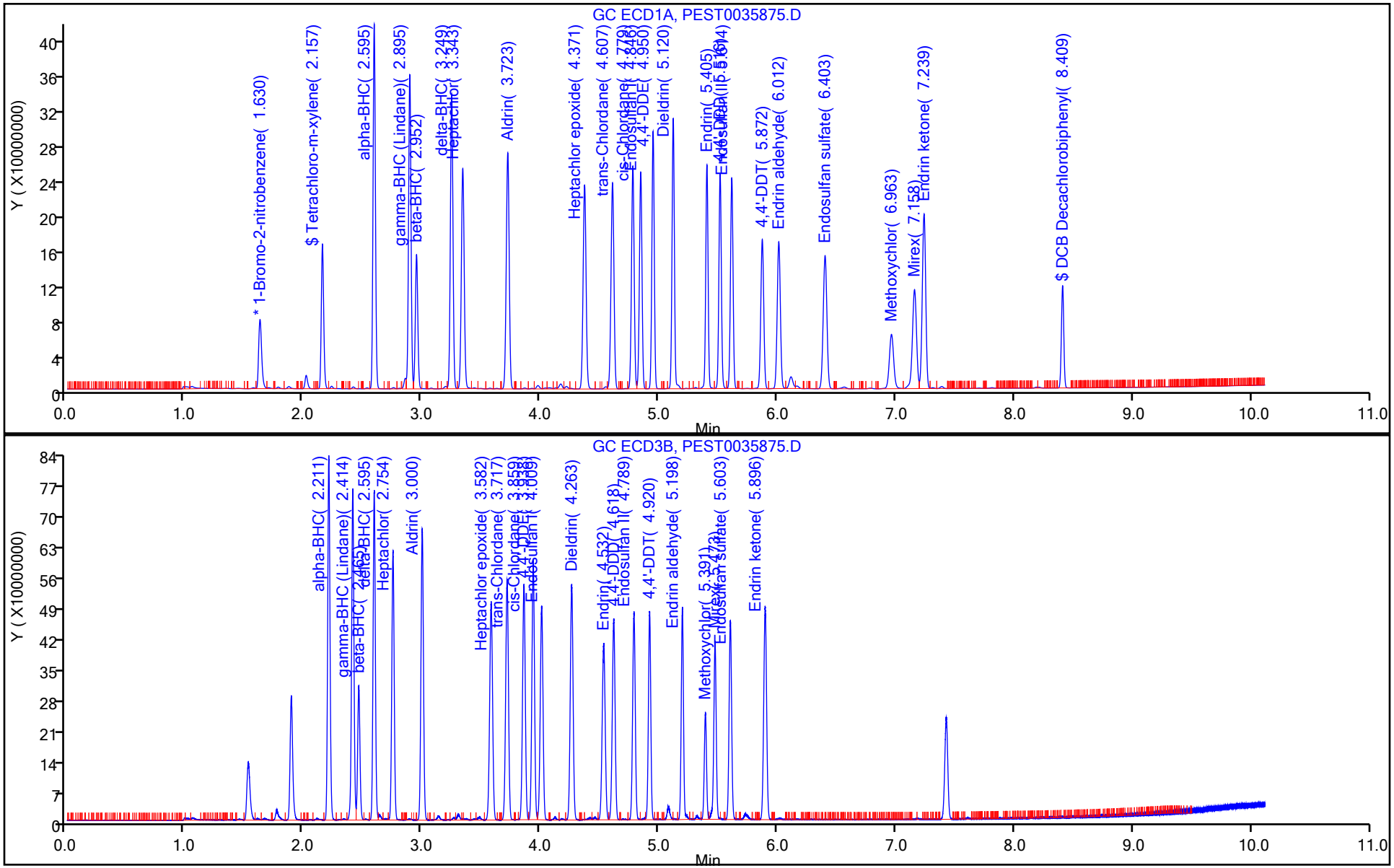
SGPESTL4_00037	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 22-Mar-2022 05:34:06 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035875.D

Injection Date:	18-Mar-2022 06:02:43	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035876.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 18-Mar-2022 06:15:02 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142825-007
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Mar-2022 05:34:12 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1664

First Level Reviewer: manlangitf Date: 18-Mar-2022 06:38:49

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.630	1.632	-0.002	124166829	100.0	100.0	
2	1.531	1.534	-0.003	220053296	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.158	2.159	-0.001	290884722	200.0	216.0	
2	1.894	1.895	-0.001	548278128	200.0	213.3	
						RPD = 1.28	
15 alpha-BHC							
1	2.595	2.596	-0.001	1097777807	500.0	570.4	
2	2.212	2.212	0.000	2233607846	500.0	583.6	
						RPD = 2.30	
2 gamma-BHC (Lindane)							M
1	2.895	2.896	-0.001	983296164	500.0	558.3	M
2	2.415	2.414	0.001	2056594434	500.0	573.9	
						RPD = 2.76	
6 beta-BHC							M
1	2.953	2.953	0.000	408417205	500.0	592.4	M
2	2.465	2.465	0.000	779861233	500.0	578.7	
						RPD = 2.35	
32 delta-BHC							M
1	3.250	3.250	0.000	966319624	500.0	577.3	M
2	2.595	2.595	0.000	1966899541	500.0	586.8	
						RPD = 1.63	
18 Heptachlor							M
1	3.343	3.343	0.000	795734444	500.0	555.7	M
2	2.754	2.754	0.000	1667703976	500.0	551.9	
						RPD = 0.68	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.722	3.723	-0.001	866006320	500.0	550.1	
2	3.000	3.000	0.000	1871451786	500.0	552.9	
						RPD = 0.51	
12 Heptachlor epoxide							
1	4.371	4.372	-0.001	747792188	500.0	525.8	
2	3.583	3.583	0.000	1590718786	500.0	519.6	
						RPD = 1.19	
9 trans-Chlordane							M
1	4.607	4.608	-0.001	759777518	500.0	543.6	M
2	3.718	3.718	0.000	1749093814	500.0	556.5	
						RPD = 2.35	
23 cis-Chlordane							M
1	4.779	4.780	-0.001	731966556	500.0	534.3	M
2	3.860	3.859	0.001	1643756356	500.0	549.1	M
						RPD = 2.74	
7 Endosulfan I							M
1	4.846	4.847	-0.001	689478478	500.0	530.9	M
2	4.009	4.010	-0.001	1477746712	500.0	530.8	M
						RPD = 0.02	
25 4,4'-DDE							M
1	4.950	4.951	-0.001	757935469	500.0	546.2	
2	3.938	3.939	-0.001	1726691797	500.0	556.9	M
						RPD = 1.94	
30 Dieldrin							
1	5.120	5.121	-0.001	790580764	500.0	537.3	
2	4.262	4.262	0.000	1659460016	500.0	527.3	
						RPD = 1.88	
20 Endrin							
1	5.405	5.405	0.000	642335073	500.0	541.3	
2	4.533	4.532	0.001	1325076570	500.0	530.4	
						RPD = 2.04	
16 4,4'-DDD							
1	5.517	5.517	0.000	649685747	500.0	539.7	
2	4.619	4.618	0.001	1406927455	500.0	547.9	
						RPD = 1.51	
11 Endosulfan II							
1	5.615	5.616	-0.001	674359909	500.0	503.7	
2	4.789	4.789	0.000	1390588222	500.0	503.7	
						RPD = 0.00	
21 4,4'-DDT							
1	5.872	5.873	-0.001	560645967	500.0	585.4	
2	4.920	4.920	0.000	1276133749	500.0	594.6	
						RPD = 1.56	
5 Endrin aldehyde							
1	6.012	6.012	0.000	556022168	500.0	514.8	
2	5.198	5.197	0.001	1169315345	500.0	501.2	
						RPD = 2.69	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.403	6.404	-0.001	599751257	500.0	536.7	
2	5.604	5.602	0.002	1288071991	500.0	563.0	
						RPD = 4.78	
10 Methoxychlor							
1	6.963	6.963	0.000	291645314	500.0	554.1	
2	5.393	5.391	0.002	605050668	500.0	537.8	
						RPD = 2.99	
34 Mirex							M
1	7.159	7.159	0.000	478034572	500.0	493.6	M
2	5.473	5.474	-0.001	1033555871	500.0	498.5	
						RPD = 1.00	
13 Endrin ketone							M
1	7.238	7.238	0.000	734430962	500.0	523.4	M
2	5.896	5.897	-0.001	1517981182	500.0	519.3	
						RPD = 0.78	
$ 24 DCB Decachlorobiphenyl							
1	8.408	8.409	-0.001	198315957	200.0	201.0	
2	7.426	7.427	-0.001	515954326	200.0	209.2	
						RPD = 4.01	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

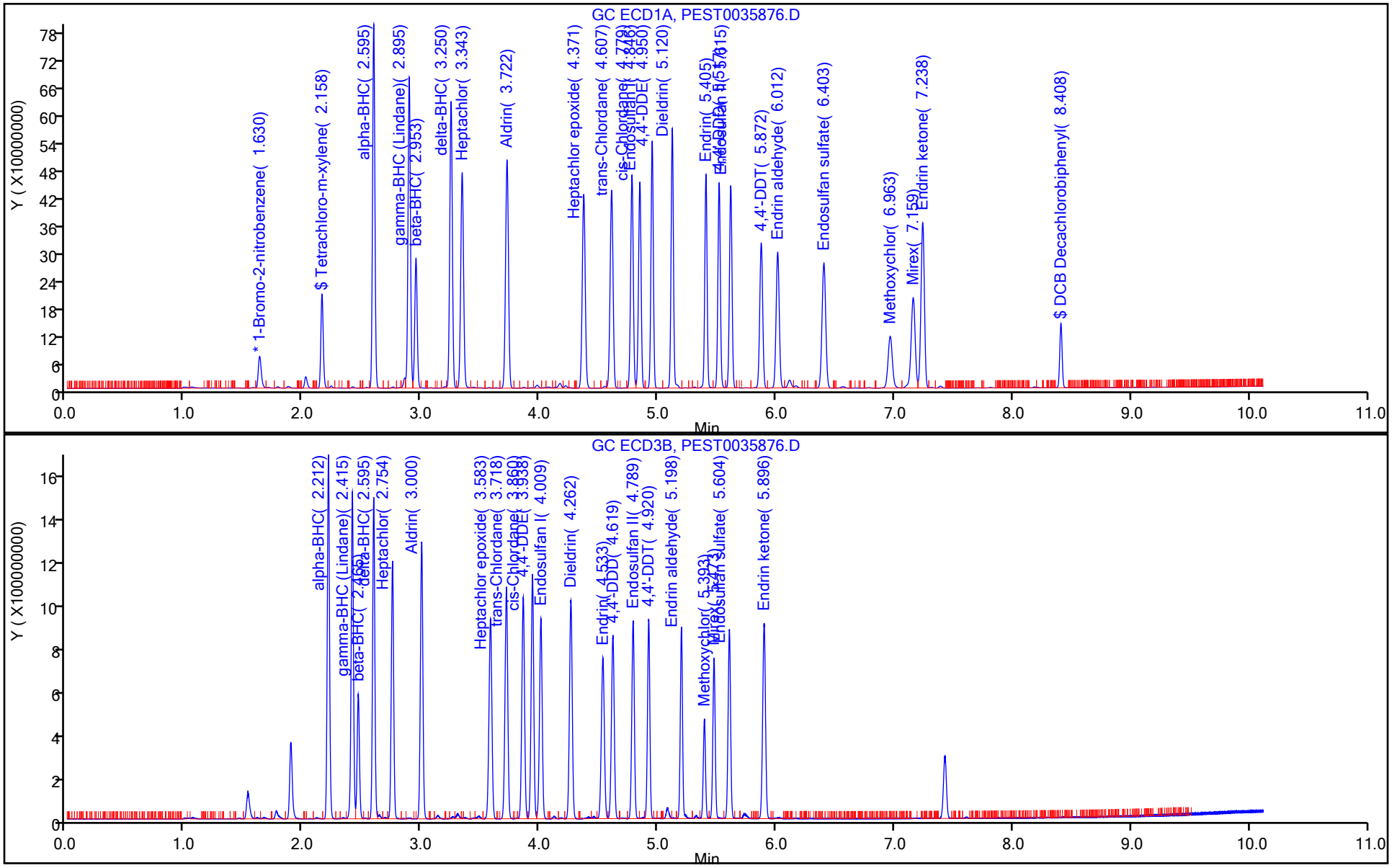
SGPESTL5_00038	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 22-Mar-2022 05:34:13 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035876.D

Injection Date:	18-Mar-2022 06:15:02	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 833964

SDG No.:

Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2022 05:25 Calibration End Date: 03/18/2022 06:15 Calibration ID: 89823

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-833964/4	PEST0035873.D
Level 2	IC 460-833964/5	PEST0035874.D
Level 3	ICIS 460-833964/3	PEST0035872.D
Level 4	IC 460-833964/6	PEST0035875.D
Level 5	IC 460-833964/7	PEST0035876.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
alpha-BHC	1.8495	1.5340	1.4159	1.8662	2.0301	Ave		1.7391				14.6		20.0			
gamma-BHC (Lindane)	1.7996	1.4274	1.3211	1.7246	1.8692	Ave		1.6284				14.8		20.0			
beta-BHC	0.5318	0.5935	0.5425	0.6856	0.7088	Ave		0.6124				13.3		20.0			
delta-BHC	1.5838	1.3352	1.2530	1.6565	1.7877	Ave		1.5232				14.7		20.0			
Heptachlor	1.5836	1.1865	1.1538	1.4258	1.5157	Ave		1.3731				14.1		20.0			
Aldrin	1.7502	1.3619	1.2657	1.6125	1.7009	Ave		1.5382				13.9		20.0			
Heptachlor epoxide	1.7318	1.2326	1.1390	1.4068	1.4458	Ave		1.3912				16.4		20.0			
trans-Chlordane	1.6466	1.2366	1.1717	1.4963	1.5897	Ave		1.4282				14.9		20.0			
cis-Chlordane	1.6063	1.1769	1.1081	1.4162	1.4940	Ave		1.3603				15.5		20.0			
4,4'-DDE	1.6372	1.1965	1.1466	1.4957	1.5693	Ave		1.4090				15.8		20.0			
Endosulfan I	1.5277	1.1077	1.0445	1.3029	1.3431	Ave		1.2652				15.3		20.0			
Dieldrin	1.7786	1.2486	1.1543	1.4608	1.5082	Ave		1.4301				17.0		20.0			
Endrin	1.3556	0.9895	0.9459	1.1814	1.2043	Ave		1.1353				14.8		20.0			
4,4'-DDD	1.3593	0.9964	0.9561	1.2436	1.2787	Ave		1.1668				15.4		20.0			
Endosulfan II	1.5101	0.8111	0.9740	1.2066	1.2639	Lin	-17.73	1.2897							0.9980		0.9900
4,4'-DDT	1.0163	0.7747	0.8387	1.0872	1.1598	Ave		0.9754				16.8		20.0			
Endrin aldehyde	1.3481	0.8597	0.8263	1.0540	1.0628	Lin	-10.34	1.0809							0.9980		0.9900
Methoxychlor	0.6250	0.4248	0.4265	0.5301	0.5499	Ave		0.5113				16.8		20.0			
Mirex	1.2512	0.7398	0.7348	0.9606	0.9394	Lin	-8.411	0.9590							0.9980		0.9900
Endosulfan sulfate	1.1845	0.9243	0.7982	1.1210	1.1707	Ave		1.0397				16.4		20.0			
Endrin ketone	1.6844	1.1519	1.0693	1.3564	1.3796	Ave		1.3283				18.0		20.0			
Tetrachloro-m-xylene	1.3236	1.0043	1.0719	1.1950	1.2458	Ave		1.1681				11.1		20.0			
DCB Decachlorobiphenyl	1.3742	1.0103	0.9095	1.1382	1.1723	Ave		1.1209				15.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 833964

SDG No.:

Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2022 05:25 Calibration End Date: 03/18/2022 06:15 Calibration ID: 89823

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-833964/4	PEST0035873.D
Level 2	IC 460-833964/5	PEST0035874.D
Level 3	ICIS 460-833964/3	PEST0035872.D
Level 4	IC 460-833964/6	PEST0035875.D
Level 5	IC 460-833964/7	PEST0035876.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	BNB	Ave	9929130	201412546	377114825	1132733792	2233607846	2.50	50.0	100	250	500
gamma-BHC (Lindane)	BNB	Ave	9661304	187410450	351857053	1046786276	2056594434	2.50	50.0	100	250	500
beta-BHC	BNB	Ave	2855150	77920235	144485840	416178419	779861233	2.50	50.0	100	250	500
delta-BHC	BNB	Ave	8502969	175301626	333723104	1005449082	1966899541	2.50	50.0	100	250	500
Heptachlor	BNB	Ave	8501636	155781507	307291364	865445384	1667703976	2.50	50.0	100	250	500
Aldrin	BNB	Ave	9396050	178808065	337114190	978752601	1871451786	2.50	50.0	100	250	500
Heptachlor epoxide	BNB	Ave	9297308	161830349	303365873	853894775	1590718786	2.50	50.0	100	250	500
trans-Chlordane	BNB	Ave	8839757	162359425	312082415	908264244	1749093814	2.50	50.0	100	250	500
cis-Chlordane	BNB	Ave	8623718	154528765	295121507	859637832	1643756356	2.50	50.0	100	250	500
4,4'-DDE	BNB	Ave	8789563	157090714	305372367	907849505	1726691797	2.50	50.0	100	250	500
Endosulfan I	BNB	Ave	8201796	145435966	278196939	790838949	1477746712	2.50	50.0	100	250	500
Dieldrin	BNB	Ave	9548721	163939143	307447080	886675525	1659460016	2.50	50.0	100	250	500
Endrin	BNB	Ave	7277503	129921087	251917258	717104393	1325076570	2.50	50.0	100	250	500
4,4'-DDD	BNB	Ave	7297462	130829385	254642239	754856128	1406927455	2.50	50.0	100	250	500
Endosulfan II	BNB	Lin	8107210	106491974	259406039	732368642	1390588222	2.50	50.0	100	250	500

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 833964

SDG No.:

Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2022 05:25 Calibration End Date: 03/18/2022 06:15 Calibration ID: 89823

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
4,4'-DDT	BNB	Ave	5456418	101720445	223386182	659926106	1276133749	2.50	50.0	100	250	500
Endrin aldehyde	BNB	Lin	7237216	112872301	220084640	639755536	1169315345	2.50	50.0	100	250	500
Methoxychlor	BNB	Ave	3355449	55770662	113597252	321791134	605050668	2.50	50.0	100	250	500
Mirex	BNB	Lin	6717354	97129799	195694587	583069396	1033555871	2.50	50.0	100	250	500
Endosulfan sulfate	BNB	Ave	6359264	121353456	212584817	680452911	1288071991	2.50	50.0	100	250	500
Endrin ketone	BNB	Ave	9042834	151235466	284793350	823292780	1517981182	2.50	50.0	100	250	500
Tetrachloro-m-xylene	BNB	Ave	17765410	131859672	285477425	435220469	548278128	6.25	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	18443968	132645341	242237209	414532655	515954326	6.25	50.0	100	150	200

Curve Type Legend
Ave = Average ISTD
Lin = Linear ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035872.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 18-Mar-2022 05:25:47 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142825-003
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Mar-2022 05:33:46 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1664

First Level Reviewer: manlangitf Date: 18-Mar-2022 05:54:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.632	1.632	0.000	154844812	100.0	100.0	
2	1.534	1.534	0.000	266339492	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.159	2.159	0.000	153708641	100.0	91.5	
2	1.895	1.895	0.000	285477425	100.0	91.8	
						RPD = 0.24	
15 alpha-BHC							
1	2.596	2.596	0.000	199044967	100.0	82.9	
2	2.212	2.212	0.000	377114825	100.0	81.4	
						RPD = 1.84	
2 gamma-BHC (Lindane)							M
1	2.896	2.896	0.000	180138018	100.0	82.0	M
2	2.414	2.414	0.000	351857053	100.0	81.1	
						RPD = 1.09	
6 beta-BHC							M
1	2.953	2.953	0.000	78447380	100.0	91.2	M
2	2.465	2.465	0.000	144485840	100.0	88.6	
						RPD = 2.97	
32 delta-BHC							
1	3.250	3.250	0.000	171566251	100.0	82.2	
2	2.595	2.595	0.000	333723104	100.0	82.3	
						RPD = 0.09	
18 Heptachlor							
1	3.343	3.343	0.000	151751053	100.0	85.0	
2	2.754	2.754	0.000	307291364	100.0	84.0	
						RPD = 1.13	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.723	3.723	0.000	163242088	100.0	83.1	
2	3.000	3.000	0.000	337114190	100.0	82.3	
						RPD = 1.04	
12 Heptachlor epoxide							
1	4.372	4.372	0.000	144290179	100.0	81.4	
2	3.583	3.583	0.000	303365873	100.0	81.9	
						RPD = 0.63	
9 trans-Chlordane							M
1	4.608	4.608	0.000	143993025	100.0	82.6	M
2	3.718	3.718	0.000	312082415	100.0	82.0	
						RPD = 0.69	
23 cis-Chlordane							M
1	4.780	4.780	0.000	139737518	100.0	81.8	M
2	3.859	3.859	0.000	295121507	100.0	81.5	
						RPD = 0.41	
7 Endosulfan I							M
1	4.847	4.847	0.000	133921853	100.0	82.7	M
2	4.010	4.010	0.000	278196939	100.0	82.6	
						RPD = 0.16	
25 4,4'-DDE							
1	4.951	4.951	0.000	145038062	100.0	83.8	
2	3.939	3.939	0.000	305372367	100.0	81.4	
						RPD = 2.96	
30 Dieldrin							M
1	5.121	5.121	0.000	151847611	100.0	82.8	
2	4.262	4.262	0.000	307447080	100.0	80.7	M
						RPD = 2.50	
20 Endrin							
1	5.405	5.405	0.000	125069169	100.0	84.5	
2	4.532	4.532	0.000	251917258	100.0	83.3	
						RPD = 1.44	
16 4,4'-DDD							
1	5.517	5.517	0.000	123930894	100.0	82.6	
2	4.618	4.618	0.000	254642239	100.0	81.9	
						RPD = 0.75	
11 Endosulfan II							
1	5.616	5.616	0.000	133004746	100.0	90.9	
2	4.789	4.789	0.000	259406039	100.0	89.3	
						RPD = 1.81	
21 4,4'-DDT							
1	5.873	5.873	0.000	103514639	100.0	86.7	
2	4.920	4.920	0.000	223386182	100.0	86.0	
						RPD = 0.78	
5 Endrin aldehyde							
1	6.012	6.012	0.000	110294118	100.0	81.9	
2	5.197	5.197	0.000	220084640	100.0	86.0	
						RPD = 4.91	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.404	6.404	0.000	114317629	100.0	82.0	
2	5.602	5.602	0.000	212584817	100.0	76.8	
						RPD = 6.63	
10 Methoxychlor							
1	6.963	6.963	0.000	57894465	100.0	88.2	
2	5.391	5.391	0.000	113597252	100.0	83.4	
						RPD = 5.57	
34 Mirex							M
1	7.159	7.159	0.000	102282829	100.0	84.7	M
2	5.474	5.474	0.000	195694587	100.0	85.4	
						RPD = 0.83	
13 Endrin ketone							M
1	7.238	7.238	0.000	139287480	100.0	79.6	M
2	5.897	5.897	0.000	284793350	100.0	80.5	
						RPD = 1.13	
$ 24 DCB Decachlorobiphenyl							
1	8.409	8.409	0.000	107127512	100.0	87.0	
2	7.427	7.427	0.000	242237209	100.0	81.1	
						RPD = 7.02	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

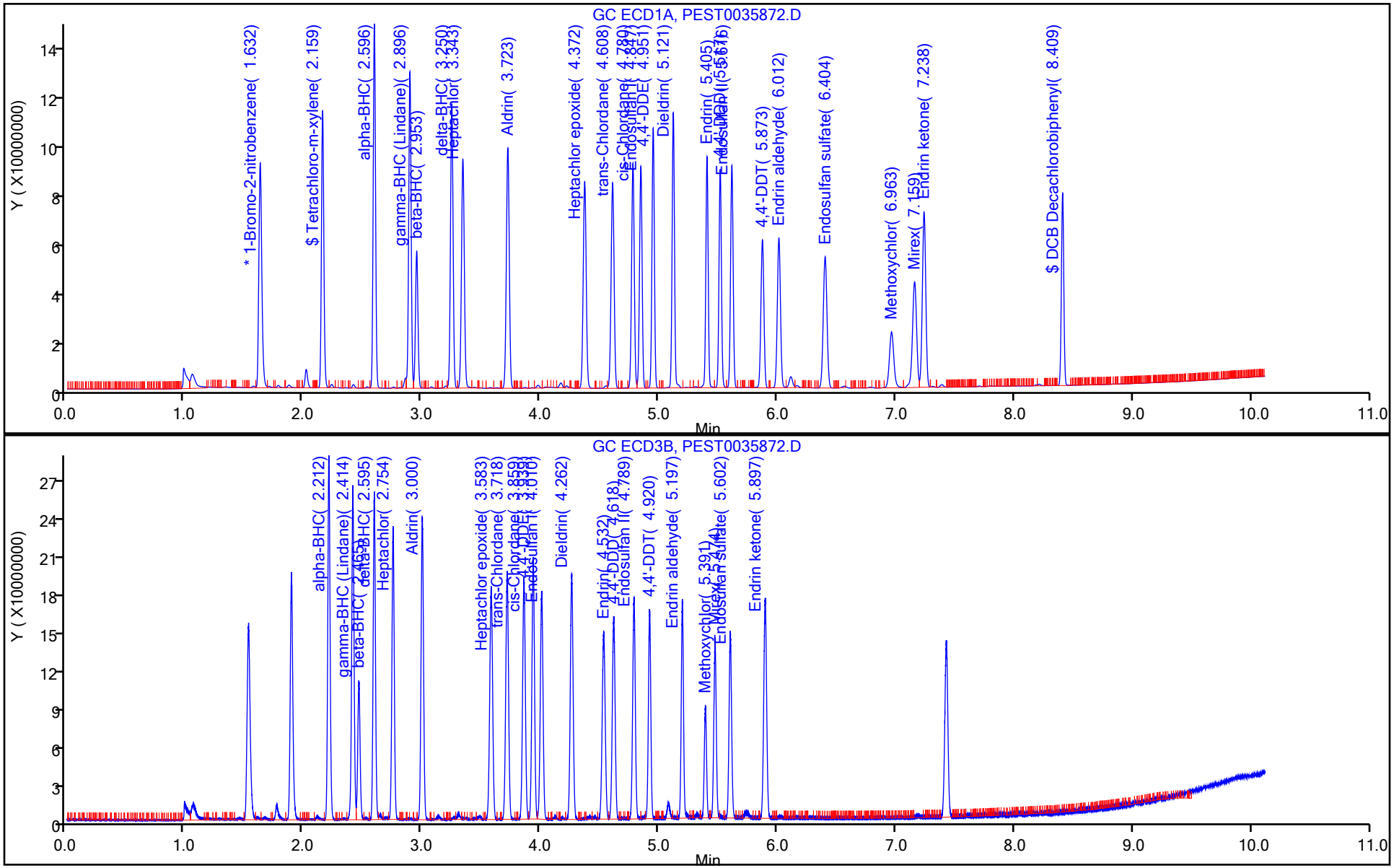
SGPESTL3_00040	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 22-Mar-2022 05:33:47 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035872.D

Injection Date:	18-Mar-2022 05:25:47	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	ICIS			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035873.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 18-Mar-2022 05:38:07 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142825-004
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Mar-2022 05:33:52 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1664

First Level Reviewer: manlangitf Date: 18-Mar-2022 06:43:44

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.630	1.632	-0.002	125499831	100.0	100.0	
2	1.533	1.534	-0.001	214745692	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.157	2.159	-0.002	9593677	6.25	7.05	
2	1.894	1.895	-0.001	17765410	6.25	7.08	
						RPD = 0.46	
15 alpha-BHC							
1	2.595	2.596	-0.001	5226339	2.50	2.69	
2	2.210	2.212	-0.002	9929130	2.50	2.66	
						RPD = 1.05	
2 gamma-BHC (Lindane)							
1	2.895	2.896	-0.001	5062485	2.50	2.84	
2	2.414	2.414	0.000	9661304	2.50	2.76	
						RPD = 2.89	
6 beta-BHC							
1	2.951	2.953	-0.002	1338460	2.50	1.92	
2	2.464	2.465	-0.001	2855150	2.50	2.17	
						RPD = 12.22	
32 delta-BHC							
1	3.248	3.250	-0.002	4446250	2.50	2.63	
2	2.595	2.595	0.000	8502969	2.50	2.60	
						RPD = 1.09	
18 Heptachlor							
1	3.343	3.343	0.000	4102928	2.50	2.83	
2	2.752	2.754	-0.002	8501636	2.50	2.88	
						RPD = 1.69	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.722	3.723	-0.001	4535166	2.50	2.85	
2	3.000	3.000	0.000	9396050	2.50	2.84	
						RPD = 0.19	
12 Heptachlor epoxide							
1	4.372	4.372	0.000	4501495	2.50	3.13	
2	3.584	3.583	0.001	9297308	2.50	3.11	
						RPD = 0.63	
9 trans-Chlordane							
1	4.607	4.608	-0.001	4176399	2.50	2.96	
2	3.719	3.718	0.001	8839757	2.50	2.88	
						RPD = 2.54	
23 cis-Chlordane							
1	4.779	4.780	-0.001	4264090	2.50	3.08	
2	3.858	3.859	-0.001	8623718	2.50	2.95	
						RPD = 4.22	
7 Endosulfan I							
1	4.846	4.847	-0.001	4038387	2.50	3.08	
2	4.010	4.010	0.000	8201796	2.50	3.02	
						RPD = 1.90	
25 4,4'-DDE							
1	4.949	4.951	-0.002	4099192	2.50	2.92	
2	3.939	3.939	0.000	8789563	2.50	2.90	
						RPD = 0.61	
30 Dieldrin							
1	5.120	5.121	-0.001	4439564	2.50	2.99	
2	4.263	4.262	0.001	9548721	2.50	3.11	
						RPD = 4.06	
20 Endrin							
1	5.405	5.405	0.000	3466545	2.50	2.89	
2	4.533	4.532	0.001	7277503	2.50	2.98	
						RPD = 3.22	
16 4,4'-DDD							
1	5.516	5.517	-0.001	3635840	2.50	2.99	
2	4.617	4.618	-0.001	7297462	2.50	2.91	
						RPD = 2.58	
11 Endosulfan II							
1	5.614	5.616	-0.002	3993295	2.50	16.2	
2	4.789	4.789	0.000	8107210	2.50	16.7	
						RPD = 2.79	
21 4,4'-DDT							
1	5.871	5.873	-0.002	2572720	2.50	2.66	
2	4.919	4.920	-0.001	5456418	2.50	2.61	
						RPD = 2.00	
5 Endrin aldehyde							
1	6.012	6.012	0.000	3539411	2.50	3.24	
2	5.196	5.197	-0.001	7237216	2.50	12.7	
						RPD = 118.56	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.403	6.404	-0.001	3380427	2.50	2.99	
2	5.601	5.602	-0.001	6359264	2.50	2.85	
						RPD = 4.96	
10 Methoxychlor							
1	6.963	6.963	0.000	1467166	2.50	2.76	
2	5.390	5.391	-0.001	3355449	2.50	3.06	
						RPD = 10.26	
34 Mirex							
1	7.158	7.159	-0.001	3244661	2.50	3.31	
2	5.472	5.474	-0.002	6717354	2.50	12.0	
						RPD = 113.61	
13 Endrin ketone							
1	7.240	7.238	0.002	4451550	2.50	3.14	
2	5.896	5.897	-0.001	9042834	2.50	3.17	
						RPD = 1.00	
$ 24 DCB Decachlorobiphenyl							
1	8.408	8.409	-0.001	7940617	6.25	7.96	
2	7.426	7.427	-0.001	18443968	6.25	7.66	
						RPD = 3.82	

QC Flag Legend

Processing Flags

Reagents:

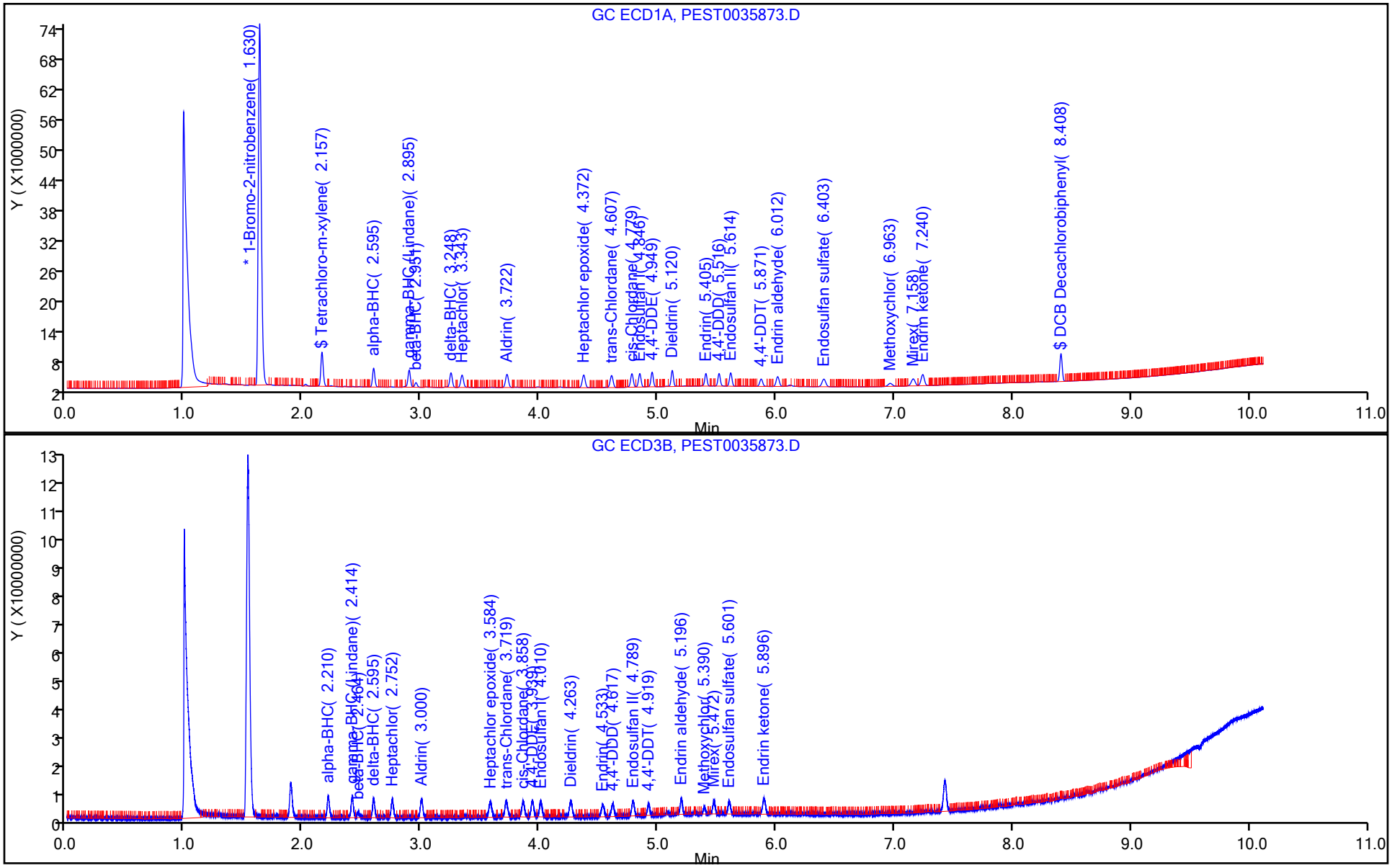
SGPESTL1_00031	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 22-Mar-2022 05:33:53 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035873.D

Injection Date:	18-Mar-2022 05:38:07	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035874.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 18-Mar-2022 05:50:24 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142825-005
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Mar-2022 05:33:58 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1664

First Level Reviewer: manlangitf Date: 18-Mar-2022 06:20:00

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.631	1.632	-0.001	155448133	100.0	100.0	
2	1.532	1.534	-0.002	262592953	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.158	2.159	-0.001	72772086	50.0	43.2	
2	1.895	1.895	0.000	131859672	50.0	43.0	
						RPD = 0.43	
15 alpha-BHC							M
1	2.595	2.596	-0.001	107057575	50.0	44.4	
2	2.211	2.212	-0.001	201412546	50.0	44.1	M
						RPD = 0.74	
2 gamma-BHC (Lindane)							M
1	2.895	2.896	-0.001	96779670	50.0	43.9	M
2	2.415	2.414	0.001	187410450	50.0	43.8	
						RPD = 0.15	
6 beta-BHC							M
1	2.952	2.953	-0.001	43007059	50.0	49.8	M
2	2.465	2.465	0.000	77920235	50.0	48.5	
						RPD = 2.80	
32 delta-BHC							
1	3.249	3.250	-0.001	93034647	50.0	44.4	
2	2.595	2.595	0.000	175301626	50.0	43.8	
						RPD = 1.29	
18 Heptachlor							
1	3.343	3.343	0.000	77267663	50.0	43.1	
2	2.754	2.754	0.000	155781507	50.0	43.2	
						RPD = 0.24	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.723	3.723	0.000	86910155	50.0	44.1	
2	3.001	3.000	0.001	178808065	50.0	44.3	
						RPD = 0.39	
12 Heptachlor epoxide							
1	4.372	4.372	0.000	77456881	50.0	43.5	
2	3.583	3.583	0.000	161830349	50.0	44.3	
						RPD = 1.81	
9 trans-Chlordane							M
1	4.608	4.608	0.000	75635811	50.0	43.2	M
2	3.717	3.718	-0.001	162359425	50.0	43.3	
						RPD = 0.15	
23 cis-Chlordane							M
1	4.780	4.780	0.000	73631660	50.0	42.9	M
2	3.858	3.859	-0.001	154528765	50.0	43.3	
						RPD = 0.77	
7 Endosulfan I							M
1	4.845	4.847	-0.002	69647144	50.0	42.8	M
2	4.009	4.010	-0.001	145435966	50.0	43.8	
						RPD = 2.17	
25 4,4'-DDE							
1	4.950	4.951	-0.001	73625182	50.0	42.4	
2	3.938	3.939	-0.001	157090714	50.0	42.5	
						RPD = 0.18	
30 Dieldrin							
1	5.120	5.121	-0.001	80098802	50.0	43.5	
2	4.262	4.262	0.000	163939143	50.0	43.7	
						RPD = 0.39	
20 Endrin							
1	5.404	5.405	-0.001	64588477	50.0	43.5	
2	4.532	4.532	0.000	129921087	50.0	43.6	
						RPD = 0.23	
16 4,4'-DDD							
1	5.516	5.517	-0.001	64233475	50.0	42.6	
2	4.617	4.618	-0.001	130829385	50.0	42.7	
						RPD = 0.18	
11 Endosulfan II							
1	5.615	5.616	-0.001	53662360	50.0	44.5	
2	4.788	4.789	-0.001	106491974	50.0	45.2	
						RPD = 1.52	
21 4,4'-DDT							
1	5.872	5.873	-0.001	47913755	50.0	40.0	
2	4.920	4.920	0.000	101720445	50.0	39.7	
						RPD = 0.61	
5 Endrin aldehyde							
1	6.012	6.012	0.000	56179357	50.0	41.5	
2	5.197	5.197	0.000	112872301	50.0	49.3	
						RPD = 17.13	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							M
1	6.403	6.404	-0.001	60408108	50.0	43.2	
2	5.602	5.602	0.000	121353456	50.0	44.4	M
						RPD = 2.90	
10 Methoxychlor							
1	6.962	6.963	-0.001	27606710	50.0	41.9	
2	5.392	5.391	0.001	55770662	50.0	41.5	
						RPD = 0.85	
34 Mirex							M
1	7.158	7.159	-0.001	50870553	50.0	42.0	M
2	5.473	5.474	-0.001	97129799	50.0	47.3	
						RPD = 12.07	
13 Endrin ketone							M
1	7.238	7.238	0.000	76983355	50.0	43.8	M
2	5.896	5.897	-0.001	151235466	50.0	43.4	M
						RPD = 1.07	
$ 24 DCB Decachlorobiphenyl							
1	8.409	8.409	0.000	53489947	50.0	43.3	
2	7.427	7.427	0.000	132645341	50.0	45.1	
						RPD = 4.01	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

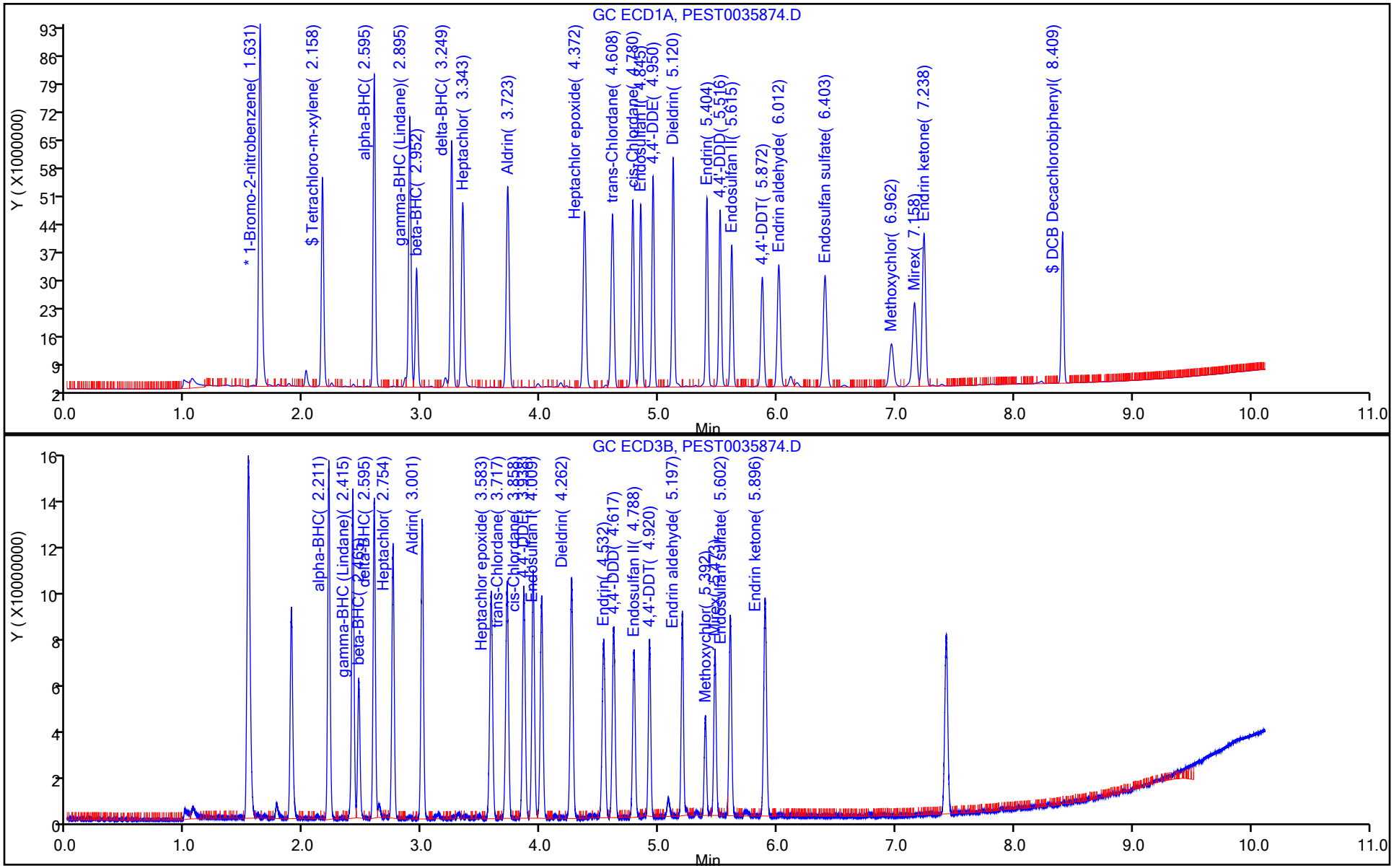
SGPESTL2_00040	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 22-Mar-2022 05:33:59 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035874.D

Injection Date:	18-Mar-2022 05:50:24	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035875.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 18-Mar-2022 06:02:43 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142825-006
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Mar-2022 05:34:05 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1664

First Level Reviewer: manlangitf Date: 18-Mar-2022 06:18:37

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.630	1.632	-0.002	139837738	100.0	100.0	
2	1.530	1.534	-0.004	242795624	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.157	2.159	-0.002	230396992	150.0	151.9	
2	1.895	1.895	0.000	435220469	150.0	153.5	
						RPD = 0.99	
15 alpha-BHC							
1	2.595	2.596	-0.001	577981705	250.0	266.7	
2	2.211	2.212	-0.001	1132733792	250.0	268.3	
						RPD = 0.60	
2 gamma-BHC (Lindane)							M
1	2.895	2.896	-0.001	519520163	250.0	261.9	M
2	2.414	2.414	0.000	1046786276	250.0	264.8	
						RPD = 1.08	
6 beta-BHC							M
1	2.952	2.953	-0.001	220865130	250.0	284.5	M
2	2.465	2.465	0.000	416178419	250.0	279.9	
						RPD = 1.62	
32 delta-BHC							
1	3.249	3.250	-0.001	511039845	250.0	271.1	
2	2.595	2.595	0.000	1005449082	250.0	271.9	
						RPD = 0.29	
18 Heptachlor							
1	3.343	3.343	0.000	420383315	250.0	260.7	
2	2.754	2.754	0.000	865445384	250.0	259.6	
						RPD = 0.42	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							M
1	3.723	3.723	0.000	463921057	250.0	261.6	
2	3.000	3.000	0.000	978752601	250.0	262.1	M
						RPD = 0.16	
12 Heptachlor epoxide							
1	4.371	4.372	-0.001	405167897	250.0	253.0	
2	3.582	3.583	-0.001	853894775	250.0	252.8	
						RPD = 0.07	
9 trans-Chlordane							M
1	4.607	4.608	-0.001	409022442	250.0	259.9	M
2	3.717	3.718	-0.001	908264244	250.0	261.9	
						RPD = 0.79	
23 cis-Chlordane							M
1	4.779	4.780	-0.001	394701848	250.0	255.8	M
2	3.859	3.859	0.000	859637832	250.0	260.3	
						RPD = 1.73	
7 Endosulfan I							M
1	4.846	4.847	-0.001	374366462	250.0	256.0	M
2	4.009	4.010	-0.001	790838949	250.0	257.5	
						RPD = 0.58	
25 4,4'-DDE							
1	4.950	4.951	-0.001	411307881	250.0	263.2	
2	3.938	3.939	-0.001	907849505	250.0	265.4	
						RPD = 0.82	
30 Dieldrin							
1	5.120	5.121	-0.001	428244075	250.0	258.5	
2	4.263	4.262	0.001	886675525	250.0	255.4	
						RPD = 1.20	
20 Endrin							
1	5.405	5.405	0.000	349560717	250.0	261.6	
2	4.532	4.532	0.000	717104393	250.0	260.1	
						RPD = 0.55	
16 4,4'-DDD							
1	5.516	5.517	-0.001	354876138	250.0	261.8	
2	4.618	4.618	0.000	754856128	250.0	266.5	
						RPD = 1.77	
11 Endosulfan II							
1	5.614	5.616	-0.002	362131129	250.0	247.2	
2	4.789	4.789	0.000	732368642	250.0	247.6	
						RPD = 0.19	
21 4,4'-DDT							
1	5.872	5.873	-0.001	296752257	250.0	275.1	
2	4.920	4.920	0.000	659926106	250.0	278.7	
						RPD = 1.28	
5 Endrin aldehyde							
1	6.012	6.012	0.000	311314092	250.0	255.9	
2	5.198	5.197	0.001	639755536	250.0	253.3	
						RPD = 1.02	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.403	6.404	-0.001	328975756	250.0	261.4	
2	5.603	5.602	0.001	680452911	250.0	269.5	
						RPD = 3.07	
10 Methoxychlor							
1	6.963	6.963	0.000	158353168	250.0	267.1	
2	5.391	5.391	0.000	321791134	250.0	259.2	
						RPD = 3.01	
34 Mirex							M
1	7.158	7.159	-0.001	273005877	250.0	250.3	M
2	5.473	5.474	-0.001	583069396	250.0	259.2	
						RPD = 3.49	
13 Endrin ketone							M
1	7.239	7.238	0.001	405041997	250.0	256.3	M
2	5.896	5.897	-0.001	823292780	250.0	255.3	
						RPD = 0.40	
$ 24 DCB Decachlorobiphenyl							
1	8.409	8.409	0.000	164235268	150.0	147.8	
2	7.426	7.427	-0.001	414532655	150.0	152.3	
						RPD = 3.03	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

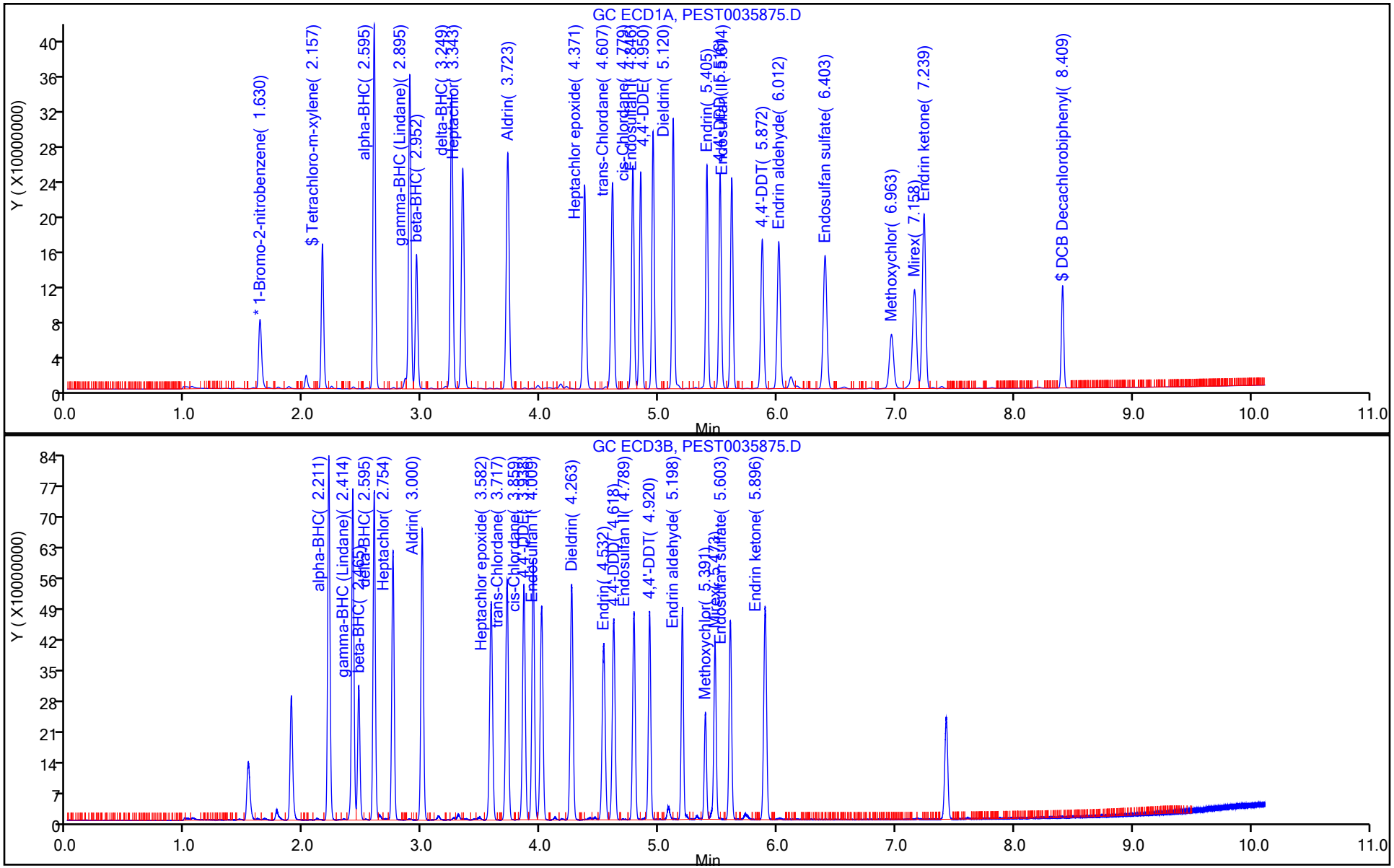
SGPESTL4_00037	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 22-Mar-2022 05:34:07 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035875.D

Injection Date:	18-Mar-2022 06:02:43	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035876.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 18-Mar-2022 06:15:02 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142825-007
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Mar-2022 05:34:12 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1664

First Level Reviewer: manlangitf Date: 18-Mar-2022 06:38:49

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.630	1.632	-0.002	124166829	100.0	100.0	
2	1.531	1.534	-0.003	220053296	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.158	2.159	-0.001	290884722	200.0	216.0	
2	1.894	1.895	-0.001	548278128	200.0	213.3	
						RPD = 1.28	
15 alpha-BHC							
1	2.595	2.596	-0.001	1097777807	500.0	570.4	
2	2.212	2.212	0.000	2233607846	500.0	583.6	
						RPD = 2.30	
2 gamma-BHC (Lindane)							M
1	2.895	2.896	-0.001	983296164	500.0	558.3	M
2	2.415	2.414	0.001	2056594434	500.0	573.9	
						RPD = 2.76	
6 beta-BHC							M
1	2.953	2.953	0.000	408417205	500.0	592.4	M
2	2.465	2.465	0.000	779861233	500.0	578.7	
						RPD = 2.35	
32 delta-BHC							M
1	3.250	3.250	0.000	966319624	500.0	577.3	M
2	2.595	2.595	0.000	1966899541	500.0	586.8	
						RPD = 1.63	
18 Heptachlor							M
1	3.343	3.343	0.000	795734444	500.0	555.7	M
2	2.754	2.754	0.000	1667703976	500.0	551.9	
						RPD = 0.68	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.722	3.723	-0.001	866006320	500.0	550.1	
2	3.000	3.000	0.000	1871451786	500.0	552.9	
						RPD = 0.51	
12 Heptachlor epoxide							
1	4.371	4.372	-0.001	747792188	500.0	525.8	
2	3.583	3.583	0.000	1590718786	500.0	519.6	
						RPD = 1.19	
9 trans-Chlordane							M
1	4.607	4.608	-0.001	759777518	500.0	543.6	M
2	3.718	3.718	0.000	1749093814	500.0	556.5	
						RPD = 2.35	
23 cis-Chlordane							M
1	4.779	4.780	-0.001	731966556	500.0	534.3	M
2	3.860	3.859	0.001	1643756356	500.0	549.1	M
						RPD = 2.74	
7 Endosulfan I							M
1	4.846	4.847	-0.001	689478478	500.0	530.9	M
2	4.009	4.010	-0.001	1477746712	500.0	530.8	M
						RPD = 0.02	
25 4,4'-DDE							M
1	4.950	4.951	-0.001	757935469	500.0	546.2	
2	3.938	3.939	-0.001	1726691797	500.0	556.9	M
						RPD = 1.94	
30 Dieldrin							
1	5.120	5.121	-0.001	790580764	500.0	537.3	
2	4.262	4.262	0.000	1659460016	500.0	527.3	
						RPD = 1.88	
20 Endrin							
1	5.405	5.405	0.000	642335073	500.0	541.3	
2	4.533	4.532	0.001	1325076570	500.0	530.4	
						RPD = 2.04	
16 4,4'-DDD							
1	5.517	5.517	0.000	649685747	500.0	539.7	
2	4.619	4.618	0.001	1406927455	500.0	547.9	
						RPD = 1.51	
11 Endosulfan II							
1	5.615	5.616	-0.001	674359909	500.0	503.7	
2	4.789	4.789	0.000	1390588222	500.0	503.7	
						RPD = 0.00	
21 4,4'-DDT							
1	5.872	5.873	-0.001	560645967	500.0	585.4	
2	4.920	4.920	0.000	1276133749	500.0	594.6	
						RPD = 1.56	
5 Endrin aldehyde							
1	6.012	6.012	0.000	556022168	500.0	514.8	
2	5.198	5.197	0.001	1169315345	500.0	501.2	
						RPD = 2.69	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.403	6.404	-0.001	599751257	500.0	536.7	
2	5.604	5.602	0.002	1288071991	500.0	563.0	
						RPD = 4.78	
10 Methoxychlor							
1	6.963	6.963	0.000	291645314	500.0	554.1	
2	5.393	5.391	0.002	605050668	500.0	537.8	
						RPD = 2.99	
34 Mirex							M
1	7.159	7.159	0.000	478034572	500.0	493.6	M
2	5.473	5.474	-0.001	1033555871	500.0	498.5	
						RPD = 1.00	
13 Endrin ketone							M
1	7.238	7.238	0.000	734430962	500.0	523.4	M
2	5.896	5.897	-0.001	1517981182	500.0	519.3	
						RPD = 0.78	
$ 24 DCB Decachlorobiphenyl							
1	8.408	8.409	-0.001	198315957	200.0	201.0	
2	7.426	7.427	-0.001	515954326	200.0	209.2	
						RPD = 4.01	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

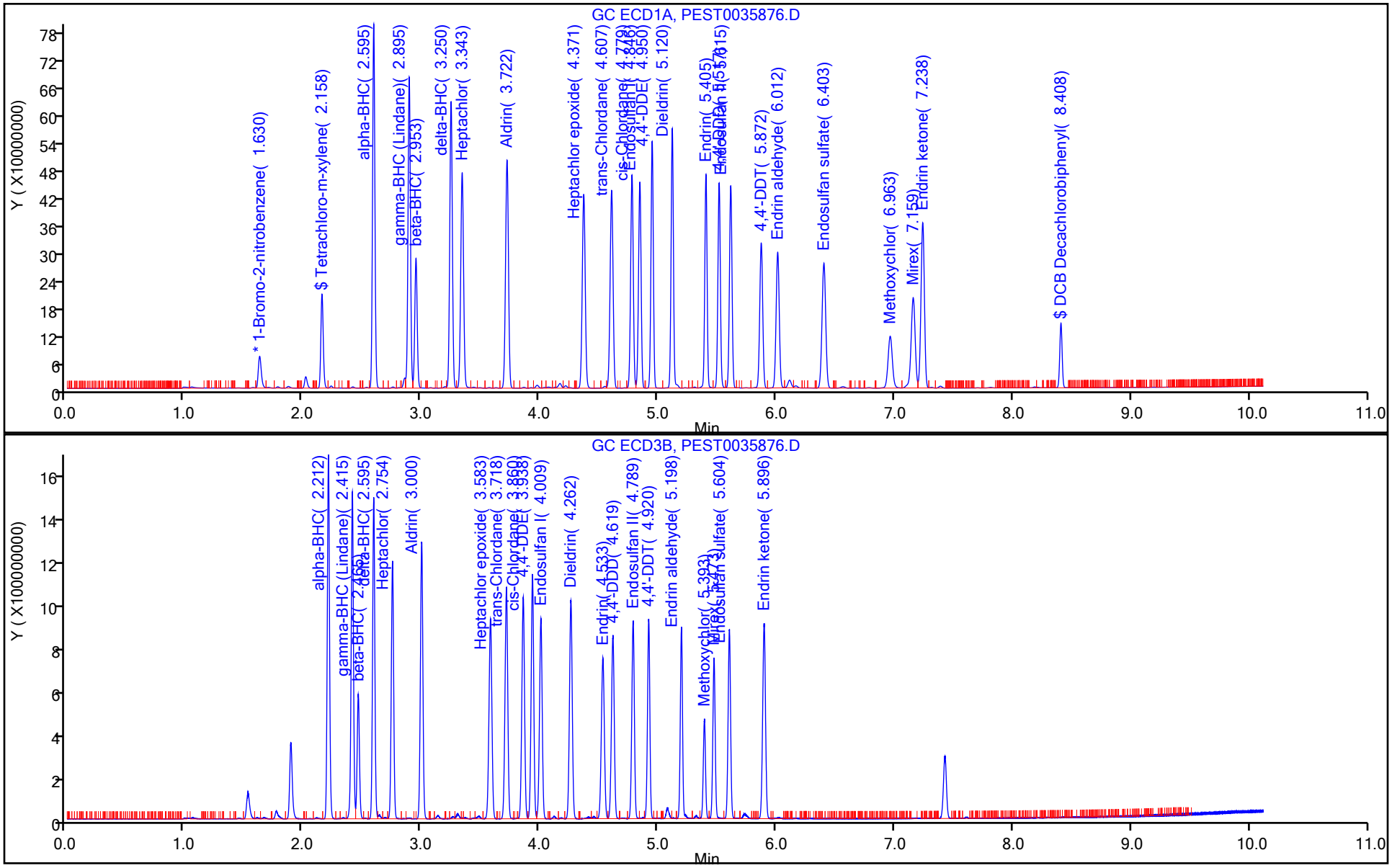
SGPESTL5_00038	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 22-Mar-2022 05:34:14 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035876.D

Injection Date:	18-Mar-2022 06:15:02	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 833964

SDG No.:

Instrument ID: CPESTGC12 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2022 08:05 Calibration End Date: 03/18/2022 08:55 Calibration ID: 89816

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-833964/16	PEST0035885.D
Level 2	IC 460-833964/17	PEST0035886.D
Level 3	IC 460-833964/18	PEST0035887.D
Level 4	IC 460-833964/19	PEST0035888.D
Level 5	IC 460-833964/20	PEST0035889.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Toxaphene Peak 1	0.0319	0.0245	0.0245	0.0232	0.0312	Ave		0.0271				15.4		20.0			
Toxaphene Peak 2	0.0402	0.0332	0.0344	0.0319	0.0424	Ave		0.0364				12.7		20.0			
Toxaphene Peak 3	0.0723	0.0619	0.0617	0.0580	0.0759	Ave		0.0660				11.7		20.0			
Toxaphene Peak 4	0.0389	0.0344	0.0372	0.0353	0.0472	Ave		0.0386				13.3		20.0			
Toxaphene Peak 5	0.0295	0.0279	0.0312	0.0304	0.0416	Ave		0.0321				17.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 833964

SDG No.:

Instrument ID: CPESTGC12 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2022 08:05 Calibration End Date: 03/18/2022 08:55 Calibration ID: 89816

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-833964/16	PEST0035885.D
Level 2	IC 460-833964/17	PEST0035886.D
Level 3	IC 460-833964/18	PEST0035887.D
Level 4	IC 460-833964/19	PEST0035888.D
Level 5	IC 460-833964/20	PEST0035889.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Toxaphene Peak 1	BNB	Ave	2270519	16852869	31761152	44106292	107098028	50.0	500	1000	1500	2500
Toxaphene Peak 2	BNB	Ave	2855378	22815799	44603074	60700678	145608386	50.0	500	1000	1500	2500
Toxaphene Peak 3	BNB	Ave	5139447	42613233	79906285	110344480	260618530	50.0	500	1000	1500	2500
Toxaphene Peak 4	BNB	Ave	2762293	23671333	48199327	67156294	162140795	50.0	500	1000	1500	2500
Toxaphene Peak 5	BNB	Ave	2093952	19204502	40399987	57896854	142845276	50.0	500	1000	1500	2500

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035885.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 18-Mar-2022 08:05:48 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142825-016
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Mar-2022 05:35:19 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1664

First Level Reviewer: manlangitf Date: 18-Mar-2022 08:32:33

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.632	1.630	0.002	142146181	100.0	100.0	
2	1.532	1.531	0.001	236400930	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.097	5.099	-0.002	2270519	50.0	59.0	M
1	5.601	5.602	-0.001	2855378	50.0	55.2	M
1	5.708	5.708	0.000	5139447	50.0	54.8	M
1	6.026	6.026	0.000	2762293	50.0	50.3	M
1	6.782	6.781	0.001	2093952	50.0	45.9	M
		Average of Peak Amounts =				53.0	
2	4.778	4.780	-0.002	6130669	50.0	39.6	M
2	4.903	4.901	0.002	5845537	50.0	46.1	M
2	5.113	5.115	-0.002	5645379	50.0	47.0	M
2	5.308	5.307	0.001	5478841	50.0	51.1	M
2	5.494	5.492	0.002	5981792	50.0	51.2	M
		Average of Peak Amounts =				47.0	
						RPD = 12.05	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

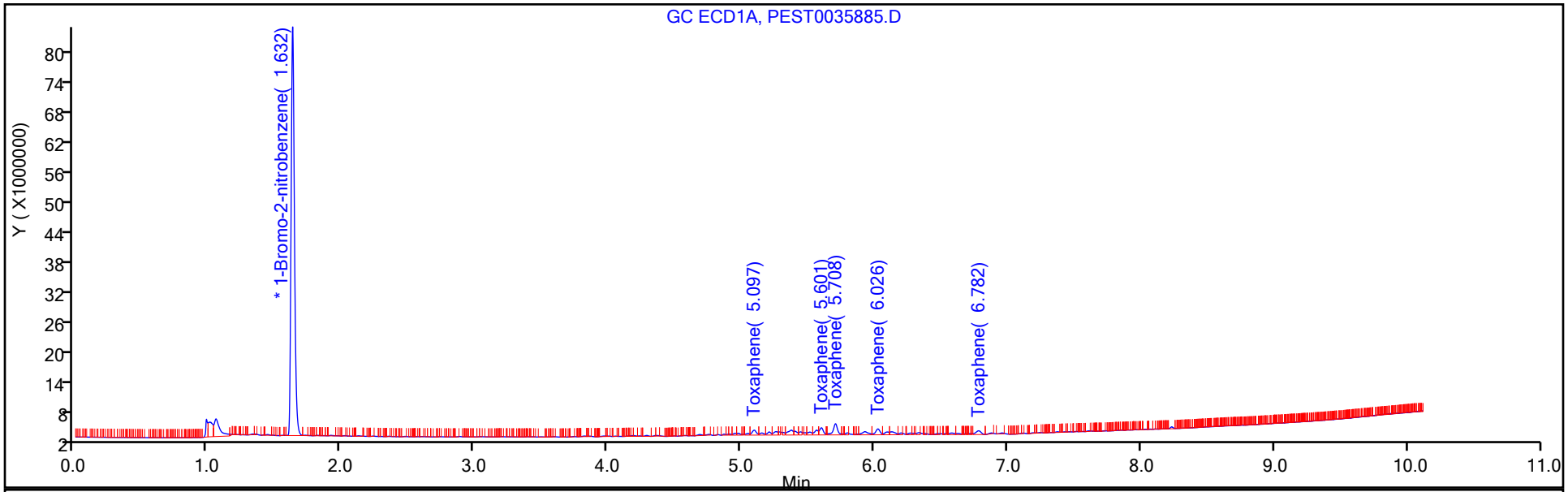
SGTOXAPHENEL1_00007 Amount Added: 1.00 Units: mL
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

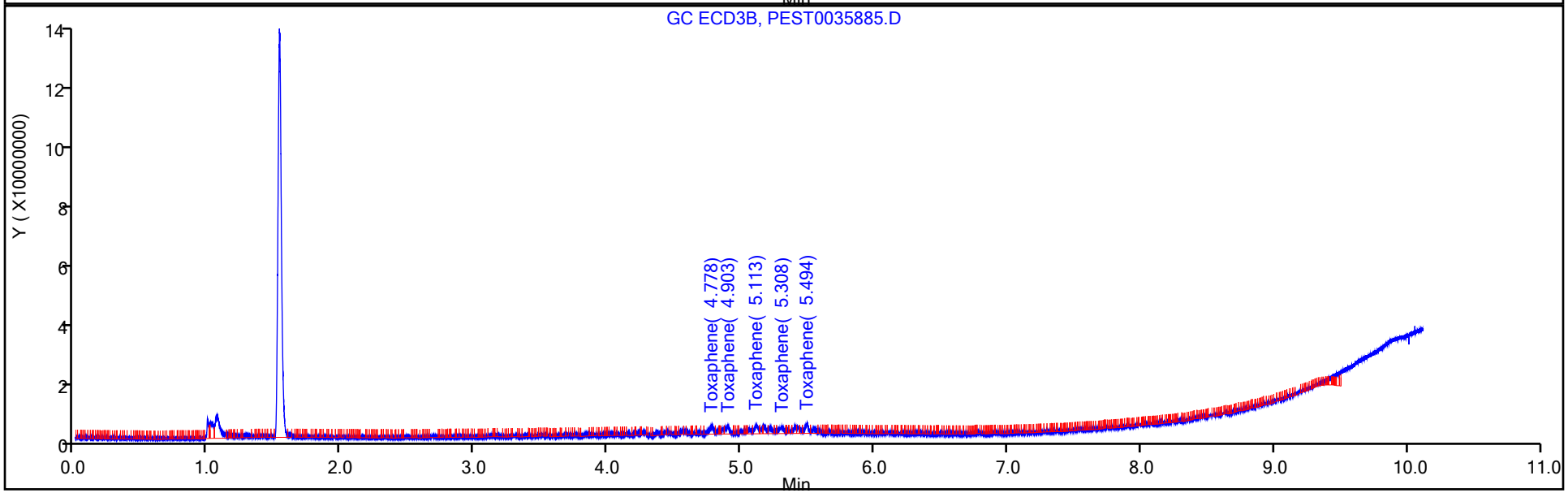
Report Date: 22-Mar-2022 05:35:22 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035885.D

Injection Date:	18-Mar-2022 08:05:48	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	16
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035886.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 18-Mar-2022 08:18:07 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142825-017
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Mar-2022 05:32:17 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1664

First Level Reviewer: manlangitf Date: 18-Mar-2022 08:31:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.630	1.630	0.000	137630247	100.0	100.0	
2	1.532	1.531	0.001	232383197	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.097	5.099	-0.002	16852869	500.0	452.4	M
1	5.602	5.602	0.000	22815799	500.0	455.3	M
1	5.708	5.708	0.000	42613233	500.0	469.4	M
1	6.025	6.026	-0.001	23671333	500.0	445.6	M
1	6.782	6.781	0.001	19204502	500.0	434.5	M
		Average of Peak Amounts =				451.4	
2	4.779	4.780	-0.001	74641059	500.0	491.0	M
2	4.900	4.901	-0.001	58845326	500.0	471.8	M
2	5.114	5.115	-0.001	55107406	500.0	467.2	M
2	5.306	5.307	-0.001	48509834	500.0	460.2	M
2	5.493	5.492	0.001	52427656	500.0	456.7	M
		Average of Peak Amounts =				469.4	
						RPD = 3.89	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

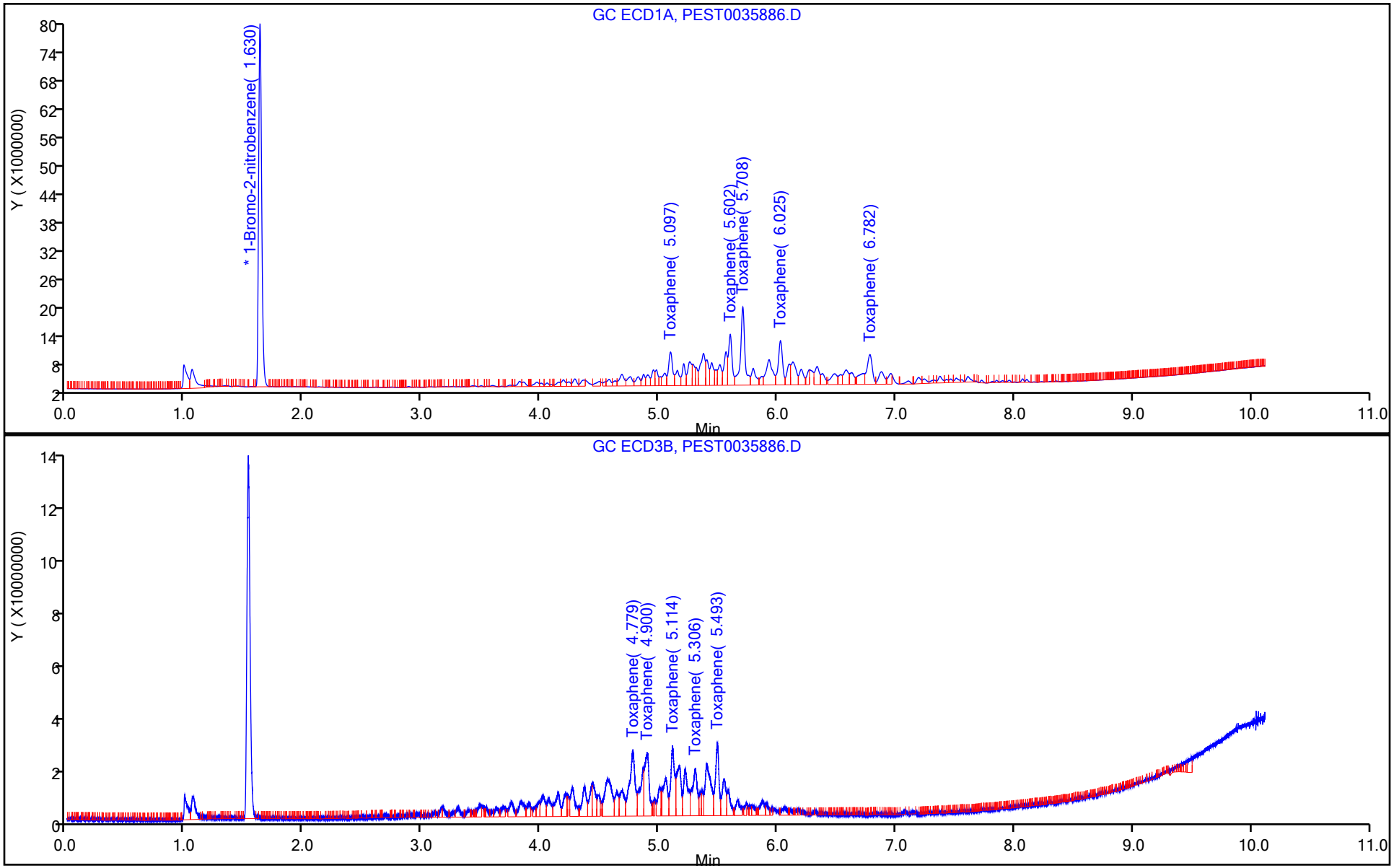
SGTOXAPHENEL3_00007 Amount Added: 1.00 Units: mL
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 22-Mar-2022 05:32:19 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035886.D

Injection Date:	18-Mar-2022 08:18:07	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	17
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035887.D
Lims ID: IC
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 18-Mar-2022 08:30:34 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142825-018
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Mar-2022 05:32:33 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1664

First Level Reviewer: manlangitf Date: 18-Mar-2022 08:45:04

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.628	1.628	0.000	129570274	100.0	100.0	
2	1.531	1.531	0.000	218728885	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.099	5.099	0.000	31761152	1000.0	905.7	M
1	5.602	5.602	0.000	44603074	1000.0	945.4	M
1	5.708	5.708	0.000	79906285	1000.0	935.0	M
1	6.026	6.026	0.000	48199327	1000.0	963.8	M
1	6.781	6.781	0.000	40399987	1000.0	970.8	M
		Average of Peak Amounts =				944.1	
2	4.780	4.780	0.000	149297349	1000.0	1043.5	M
2	4.901	4.901	0.000	116072283	1000.0	988.7	M
2	5.115	5.115	0.000	112669872	1000.0	1014.8	M
2	5.307	5.307	0.000	98268914	1000.0	990.4	M
2	5.492	5.492	0.000	105240948	1000.0	973.9	M
		Average of Peak Amounts =				1002.3	
						RPD = 5.97	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

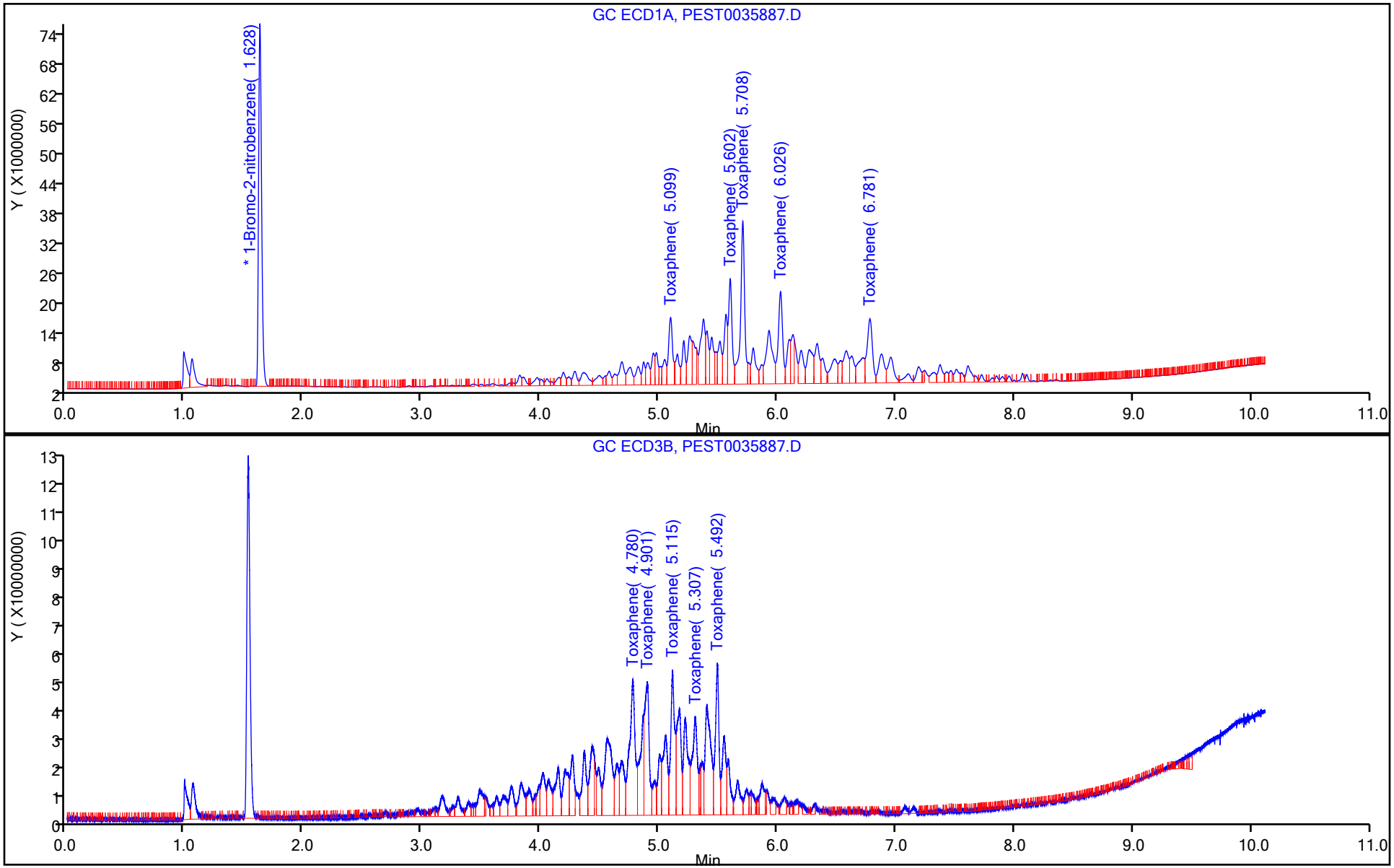
SGTOXAPHENEL4_00008 Amount Added: 1.00 Units: mL
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 22-Mar-2022 05:32:36 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035887.D

Injection Date:	18-Mar-2022 08:30:34	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	18
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035888.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 18-Mar-2022 08:42:48 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142825-019
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Mar-2022 05:28:30 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1664

First Level Reviewer: manlangitf Date: 18-Mar-2022 08:55:38

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.630	1.628	0.002	126942022	100.0	100.0	
2	1.532	1.531	0.001	215415792	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.098	5.099	-0.001	44106292	1500.0	1283.8	M
1	5.601	5.602	-0.001	60700678	1500.0	1313.2	M
1	5.708	5.708	0.000	110344480	1500.0	1317.8	M
1	6.026	6.026	0.000	67156294	1500.0	1370.7	M
1	6.782	6.781	0.001	57896854	1500.0	1420.1	M
		Average of Peak Amounts =				1341.1	
2	4.780	4.780	0.000	193679514	1500.0	1374.5	M
2	4.902	4.901	0.001	150622683	1500.0	1302.7	M
2	5.114	5.115	-0.001	145907918	1500.0	1334.3	M
2	5.305	5.307	-0.002	126038264	1500.0	1289.8	M
2	5.493	5.492	0.001	137461735	1500.0	1291.7	M
		Average of Peak Amounts =				1318.6	
						RPD = 1.69	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

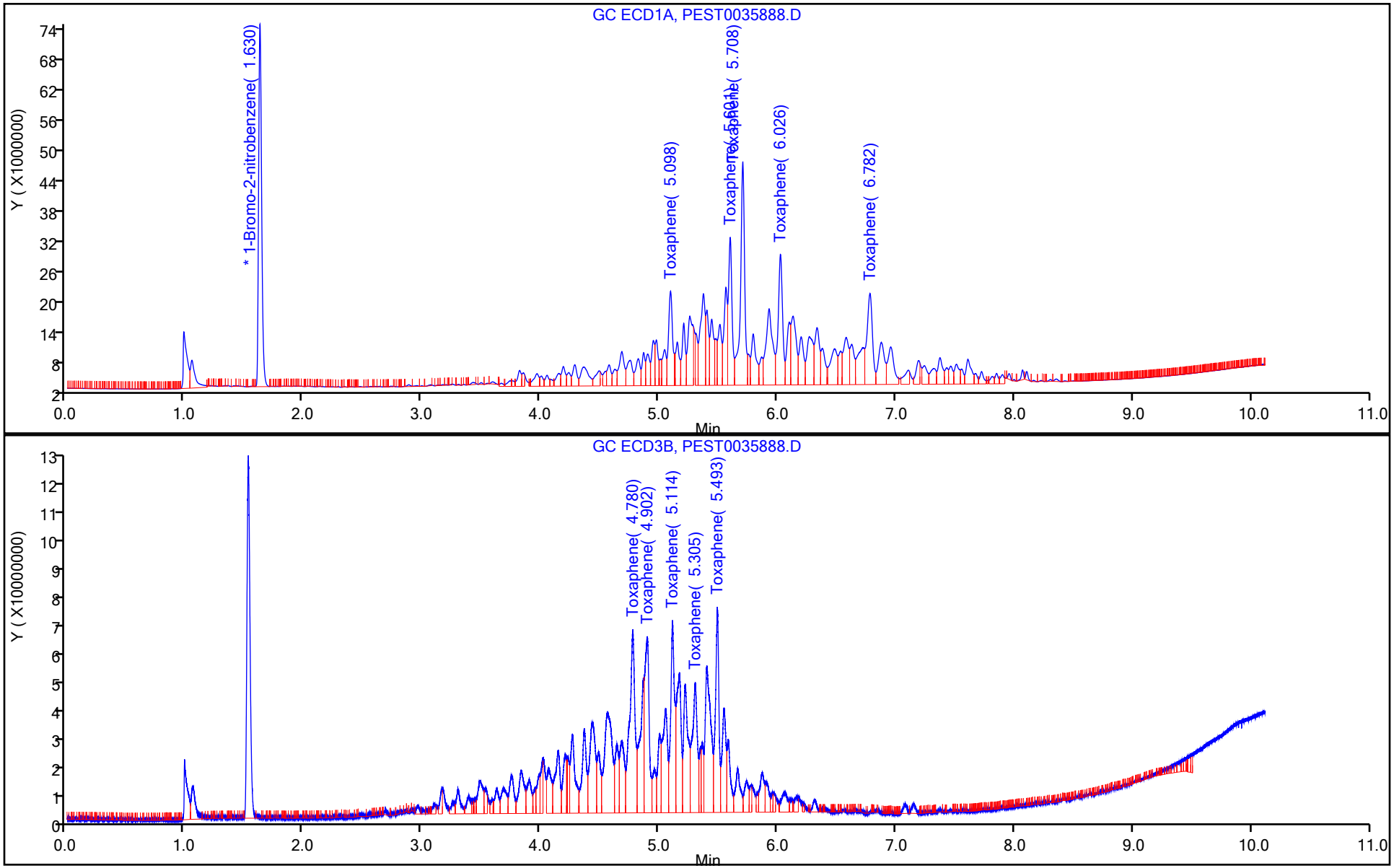
SGTOXAPHENEL5_00007 Amount Added: 1.00 Units: mL
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 22-Mar-2022 05:28:32 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035888.D

Injection Date:	18-Mar-2022 08:42:48	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	19
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 18-Mar-2022 08:55:07 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142825-020
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Mar-2022 05:28:46 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1664

First Level Reviewer: manlangitf Date: 18-Mar-2022 09:07:37

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.631	1.628	0.003	137264766	100.0	100.0	
2	1.534	1.531	0.003	229353927	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.098	5.099	-0.001	107098028	2500.0	2882.9	M
1	5.602	5.602	0.000	145608386	2500.0	2913.2	M
1	5.707	5.708	-0.001	260618530	2500.0	2878.5	M
1	6.026	6.026	0.000	162140795	2500.0	3060.5	M
1	6.781	6.781	0.000	142845276	2500.0	3240.3	M
		Average of Peak Amounts =				2995.1	
2	4.779	4.780	-0.001	474550799	2500.0	3163.1	M
2	4.902	4.901	0.001	393256824	2500.0	3194.6	M
2	5.114	5.115	-0.001	355218264	2500.0	3051.1	M
2	5.306	5.307	-0.001	314093090	2500.0	3018.9	M
2	5.493	5.492	0.001	347659575	2500.0	3068.2	M
		Average of Peak Amounts =				3099.2	
						RPD = 3.42	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

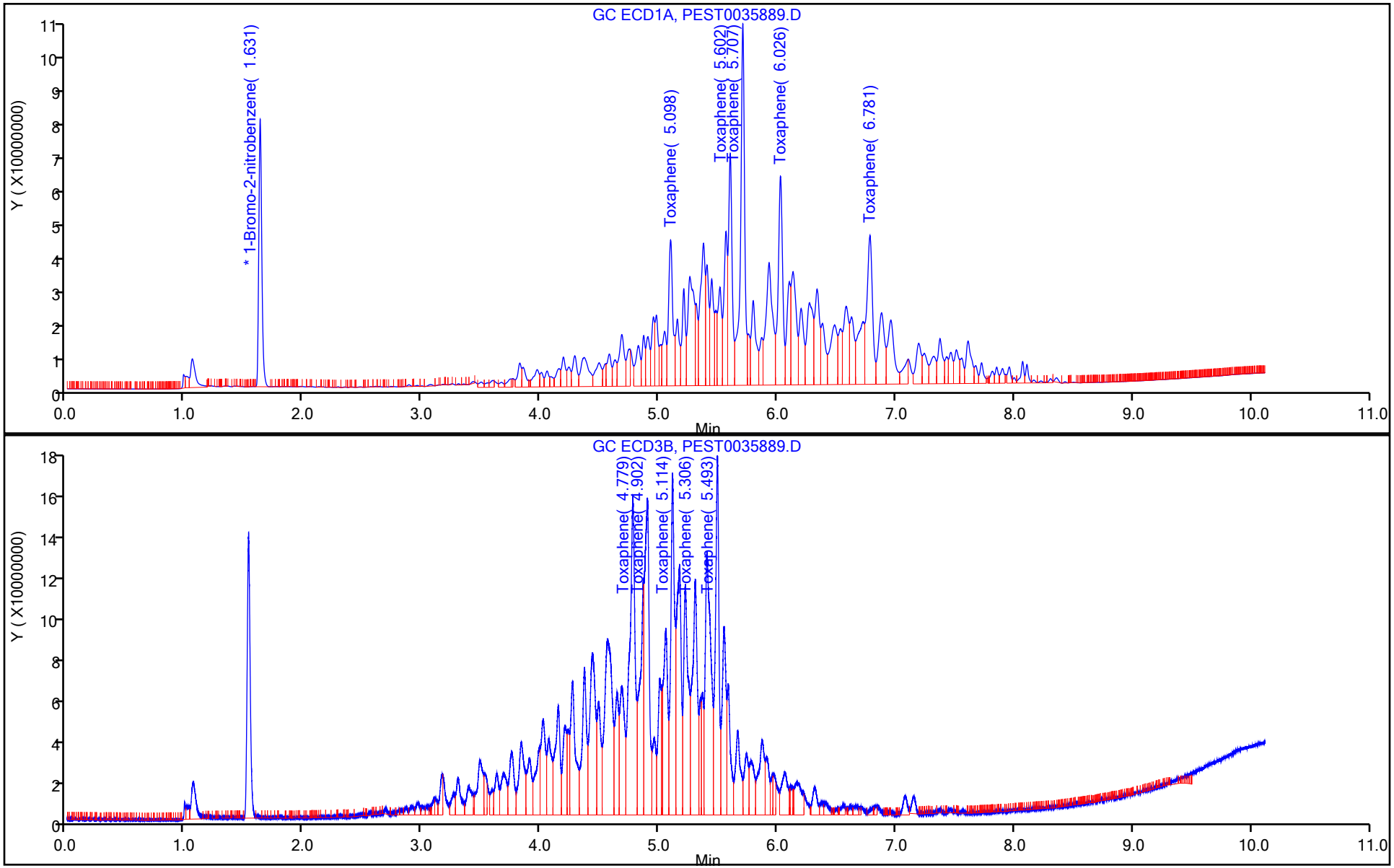
SGTOXAPHENEL6_00007 Amount Added: 1.00 Units: mL
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 22-Mar-2022 05:28:49 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Injection Date:	18-Mar-2022 08:55:07	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	20
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 833964

SDG No.:

Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2022 08:05 Calibration End Date: 03/18/2022 08:55 Calibration ID: 89817

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-833964/16	PEST0035885.D
Level 2	IC 460-833964/17	PEST0035886.D
Level 3	IC 460-833964/18	PEST0035887.D
Level 4	IC 460-833964/19	PEST0035888.D
Level 5	IC 460-833964/20	PEST0035889.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Toxaphene Peak 1	0.0519	0.0642	0.0683	0.0599	0.0828	Ave		0.0654				17.5		20.0			
Toxaphene Peak 2	0.0495	0.0506	0.0531	0.0466	0.0686	Ave		0.0537				16.1		20.0			
Toxaphene Peak 3	0.0478	0.0474	0.0515	0.0452	0.0620	Ave		0.0508				13.1		20.0			
Toxaphene Peak 4	0.0464	0.0417	0.0449	0.0390	0.0548	Ave		0.0454				13.2		20.0			
Toxaphene Peak 5	0.0506	0.0451	0.0481	0.0425	0.0606	Ave		0.0494				14.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 833964

SDG No.:

Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2022 08:05 Calibration End Date: 03/18/2022 08:55 Calibration ID: 89817

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-833964/16	PEST0035885.D
Level 2	IC 460-833964/17	PEST0035886.D
Level 3	IC 460-833964/18	PEST0035887.D
Level 4	IC 460-833964/19	PEST0035888.D
Level 5	IC 460-833964/20	PEST0035889.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Toxaphene Peak 1	BNB	Ave	6130669	74641059	149297349	193679514	474550799	50.0	500	1000	1500	2500
Toxaphene Peak 2	BNB	Ave	5845537	58845326	116072283	150622683	393256824	50.0	500	1000	1500	2500
Toxaphene Peak 3	BNB	Ave	5645379	55107406	112669872	145907918	355218264	50.0	500	1000	1500	2500
Toxaphene Peak 4	BNB	Ave	5478841	48509834	98268914	126038264	314093090	50.0	500	1000	1500	2500
Toxaphene Peak 5	BNB	Ave	5981792	52427656	105240948	137461735	347659575	50.0	500	1000	1500	2500

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035885.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 18-Mar-2022 08:05:48 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142825-016
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Mar-2022 05:35:19 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1664

First Level Reviewer: manlangitf Date: 18-Mar-2022 08:32:33

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.632	1.630	0.002	142146181	100.0	100.0	
2	1.532	1.531	0.001	236400930	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.097	5.099	-0.002	2270519	50.0	59.0	M
1	5.601	5.602	-0.001	2855378	50.0	55.2	M
1	5.708	5.708	0.000	5139447	50.0	54.8	M
1	6.026	6.026	0.000	2762293	50.0	50.3	M
1	6.782	6.781	0.001	2093952	50.0	45.9	M
		Average of Peak Amounts =				53.0	
2	4.778	4.780	-0.002	6130669	50.0	39.6	M
2	4.903	4.901	0.002	5845537	50.0	46.1	M
2	5.113	5.115	-0.002	5645379	50.0	47.0	M
2	5.308	5.307	0.001	5478841	50.0	51.1	M
2	5.494	5.492	0.002	5981792	50.0	51.2	M
		Average of Peak Amounts =				47.0	
						RPD = 12.05	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

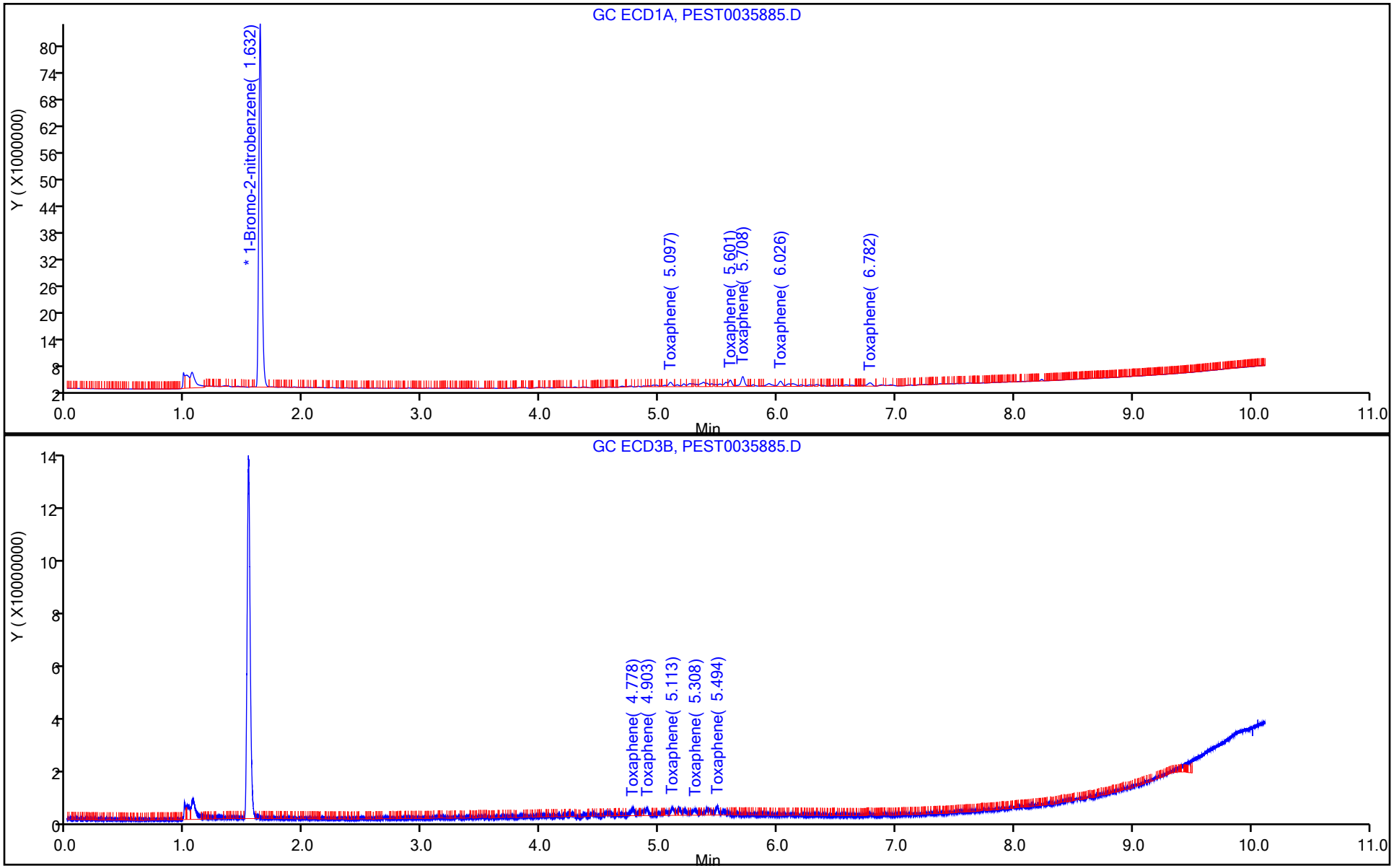
SGTOXAPHENEL1_00007 Amount Added: 1.00 Units: mL
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 22-Mar-2022 05:35:26 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035885.D

Injection Date:	18-Mar-2022 08:05:48	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	16
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035886.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 18-Mar-2022 08:18:07 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142825-017
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Mar-2022 05:32:17 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1664

First Level Reviewer: manlangitf Date: 18-Mar-2022 08:31:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.630	1.630	0.000	137630247	100.0	100.0	
2	1.532	1.531	0.001	232383197	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.097	5.099	-0.002	16852869	500.0	452.4	M
1	5.602	5.602	0.000	22815799	500.0	455.3	M
1	5.708	5.708	0.000	42613233	500.0	469.4	M
1	6.025	6.026	-0.001	23671333	500.0	445.6	M
1	6.782	6.781	0.001	19204502	500.0	434.5	M
		Average of Peak Amounts =				451.4	
2	4.779	4.780	-0.001	74641059	500.0	491.0	M
2	4.900	4.901	-0.001	58845326	500.0	471.8	M
2	5.114	5.115	-0.001	55107406	500.0	467.2	M
2	5.306	5.307	-0.001	48509834	500.0	460.2	M
2	5.493	5.492	0.001	52427656	500.0	456.7	M
		Average of Peak Amounts =				469.4	
						RPD = 3.89	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

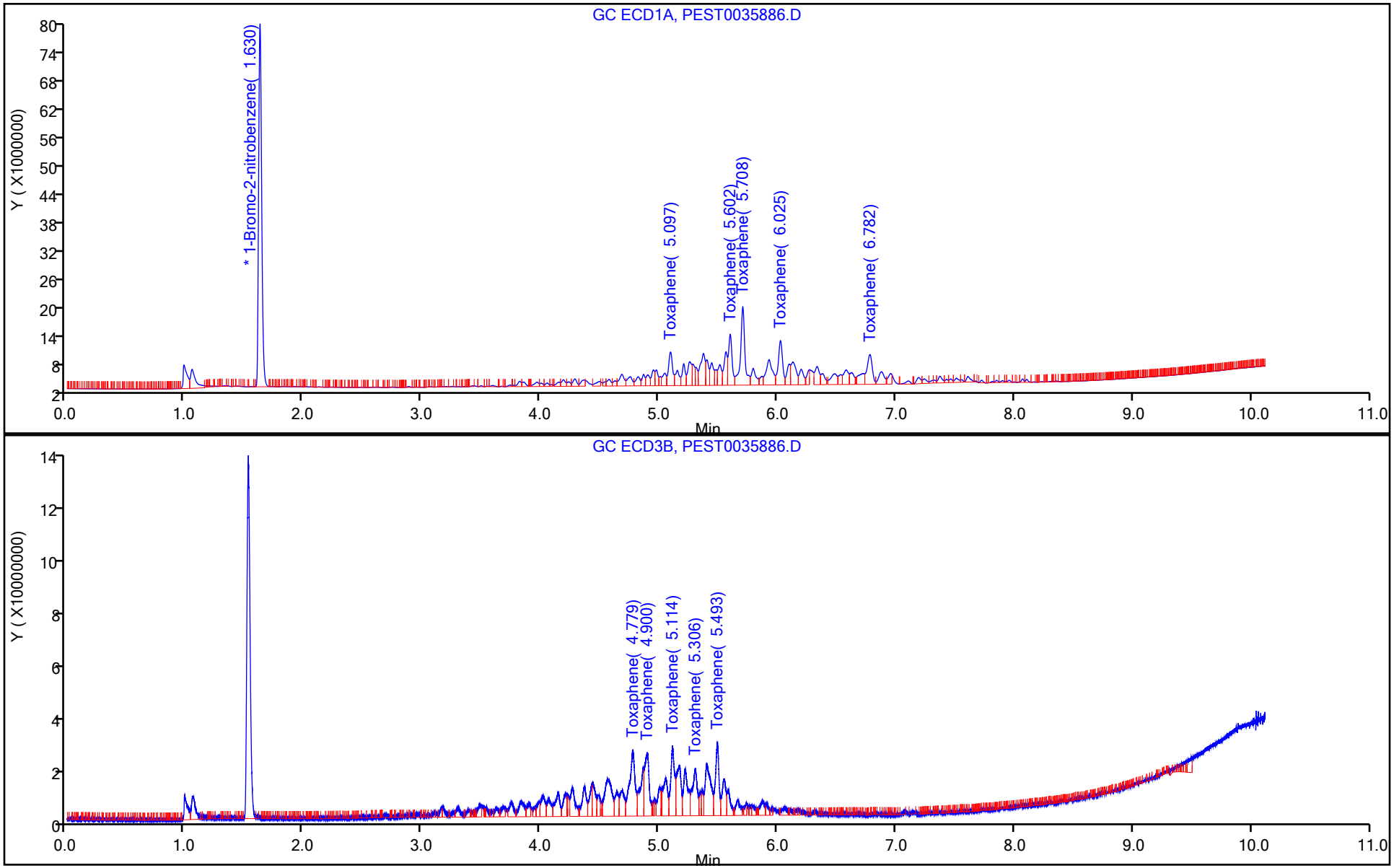
SGTOXAPHENEL3_00007 Amount Added: 1.00 Units: mL
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 22-Mar-2022 05:32:21 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035886.D

Injection Date:	18-Mar-2022 08:18:07	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	17
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035887.D
Lims ID: IC
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 18-Mar-2022 08:30:34 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142825-018
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Mar-2022 05:32:33 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1664

First Level Reviewer: manlangitf Date: 18-Mar-2022 08:45:04

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.628	1.628	0.000	129570274	100.0	100.0	
2	1.531	1.531	0.000	218728885	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.099	5.099	0.000	31761152	1000.0	905.7	M
1	5.602	5.602	0.000	44603074	1000.0	945.4	M
1	5.708	5.708	0.000	79906285	1000.0	935.0	M
1	6.026	6.026	0.000	48199327	1000.0	963.8	M
1	6.781	6.781	0.000	40399987	1000.0	970.8	M
		Average of Peak Amounts =				944.1	
2	4.780	4.780	0.000	149297349	1000.0	1043.5	M
2	4.901	4.901	0.000	116072283	1000.0	988.7	M
2	5.115	5.115	0.000	112669872	1000.0	1014.8	M
2	5.307	5.307	0.000	98268914	1000.0	990.4	M
2	5.492	5.492	0.000	105240948	1000.0	973.9	M
		Average of Peak Amounts =				1002.3	
						RPD = 5.97	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

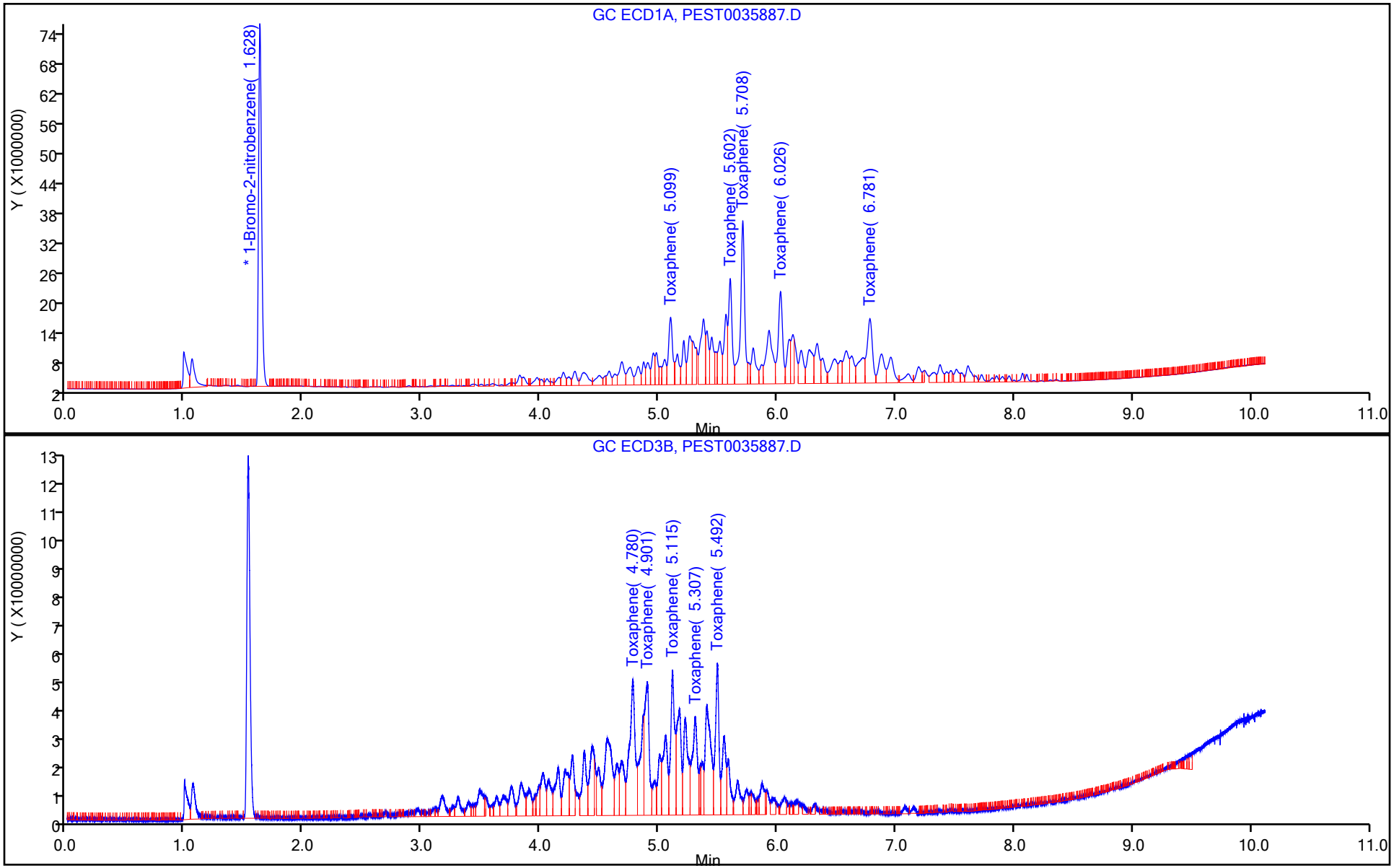
SGTOXAPHENEL4_00008 Amount Added: 1.00 Units: mL
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 22-Mar-2022 05:32:40 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035887.D

Injection Date:	18-Mar-2022 08:30:34	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	18
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035888.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 18-Mar-2022 08:42:48 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142825-019
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Mar-2022 05:28:30 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1664

First Level Reviewer: manlangitf Date: 18-Mar-2022 08:55:38

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.630	1.628	0.002	126942022	100.0	100.0	
2	1.532	1.531	0.001	215415792	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.098	5.099	-0.001	44106292	1500.0	1283.8	M
1	5.601	5.602	-0.001	60700678	1500.0	1313.2	M
1	5.708	5.708	0.000	110344480	1500.0	1317.8	M
1	6.026	6.026	0.000	67156294	1500.0	1370.7	M
1	6.782	6.781	0.001	57896854	1500.0	1420.1	M
		Average of Peak Amounts =				1341.1	
2	4.780	4.780	0.000	193679514	1500.0	1374.5	M
2	4.902	4.901	0.001	150622683	1500.0	1302.7	M
2	5.114	5.115	-0.001	145907918	1500.0	1334.3	M
2	5.305	5.307	-0.002	126038264	1500.0	1289.8	M
2	5.493	5.492	0.001	137461735	1500.0	1291.7	M
		Average of Peak Amounts =				1318.6	
						RPD = 1.69	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

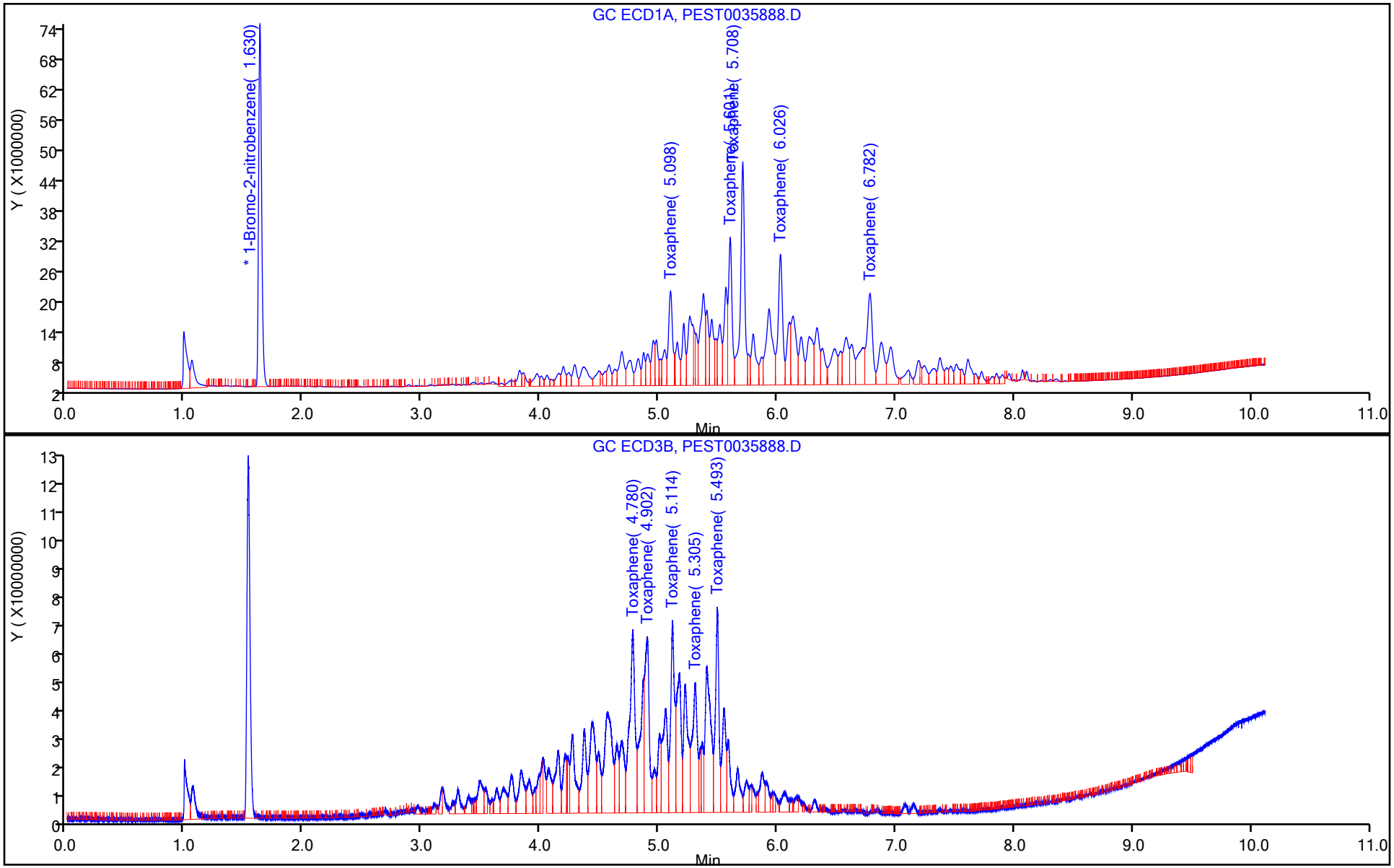
SGTOXAPHENEL5_00007 Amount Added: 1.00 Units: mL
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 22-Mar-2022 05:28:33 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035888.D

Injection Date:	18-Mar-2022 08:42:48	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	19
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 18-Mar-2022 08:55:07 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142825-020
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Mar-2022 05:28:46 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1664

First Level Reviewer: manlangitf Date: 18-Mar-2022 09:07:37

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.631	1.628	0.003	137264766	100.0	100.0	
2	1.534	1.531	0.003	229353927	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.098	5.099	-0.001	107098028	2500.0	2882.9	M
1	5.602	5.602	0.000	145608386	2500.0	2913.2	M
1	5.707	5.708	-0.001	260618530	2500.0	2878.5	M
1	6.026	6.026	0.000	162140795	2500.0	3060.5	M
1	6.781	6.781	0.000	142845276	2500.0	3240.3	M
		Average of Peak Amounts =				2995.1	
2	4.779	4.780	-0.001	474550799	2500.0	3163.1	M
2	4.902	4.901	0.001	393256824	2500.0	3194.6	M
2	5.114	5.115	-0.001	355218264	2500.0	3051.1	M
2	5.306	5.307	-0.001	314093090	2500.0	3018.9	M
2	5.493	5.492	0.001	347659575	2500.0	3068.2	M
		Average of Peak Amounts =				3099.2	
						RPD = 3.42	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

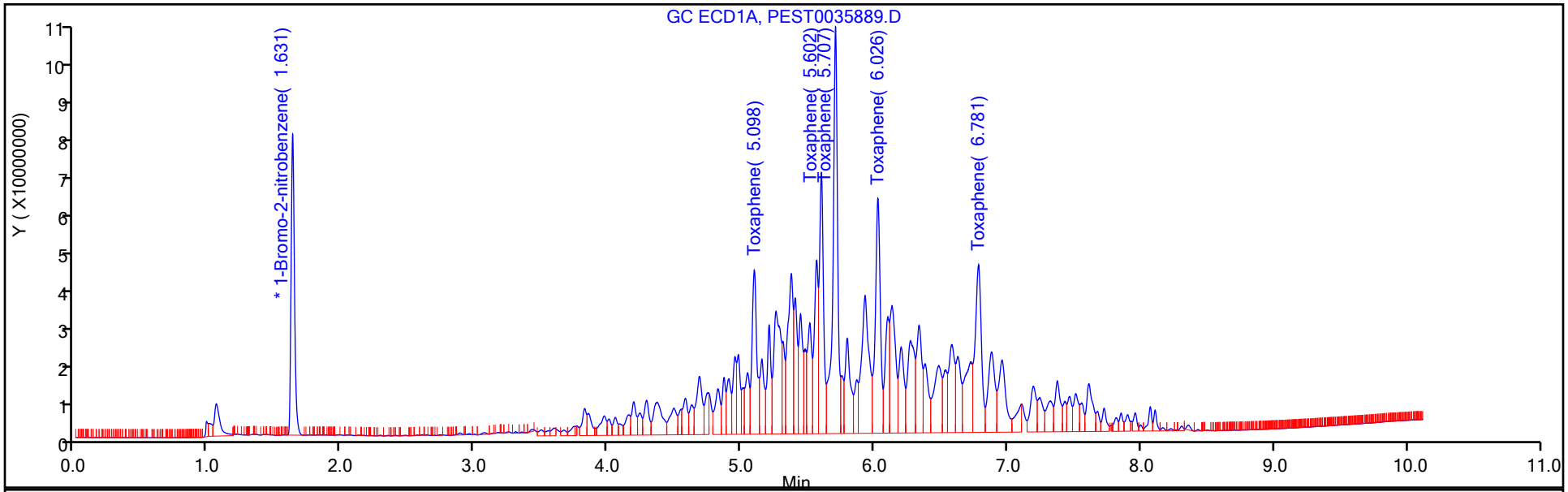
SGTOXAPHENEL6_00007 Amount Added: 1.00 Units: mL
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

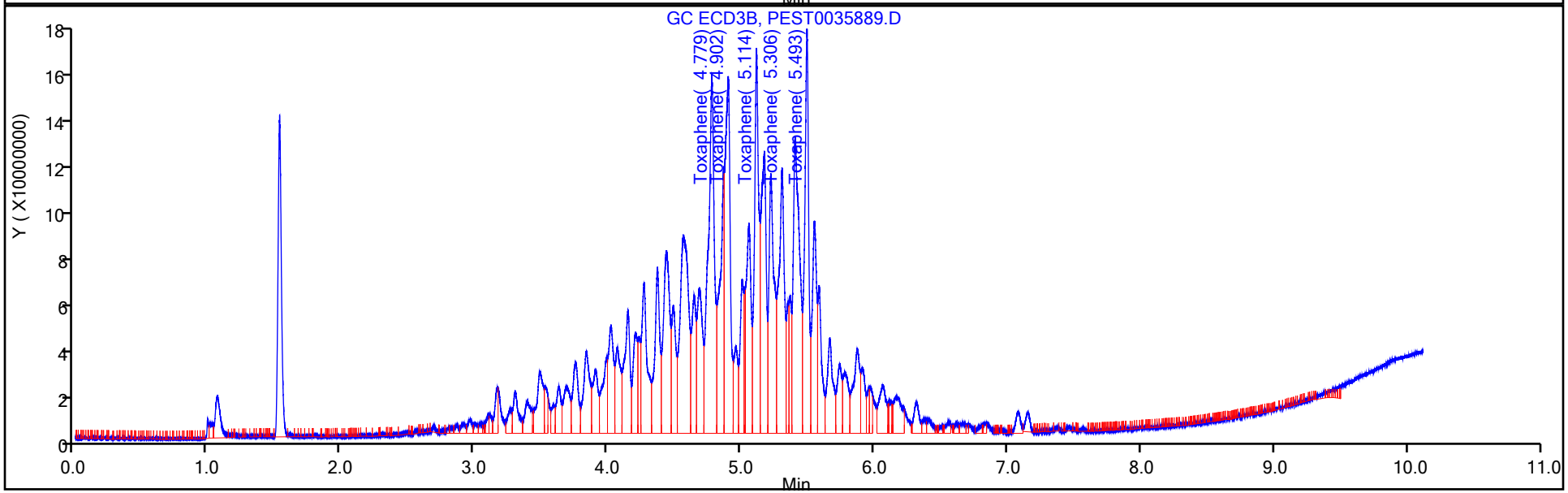
Report Date: 22-Mar-2022 05:28:53 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Injection Date:	18-Mar-2022 08:55:07	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	20
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Lab Sample ID: PEM 460-842342/2 | Calibration Date: 05/02/2022 03:41

Instrument ID: CPESTGC12 | Calib Start Date: 03/18/2022 05:25

GC Column: CLP-2 ID: 0.53(mm) | Calib End Date: 03/18/2022 06:15

Lab File ID: PEST0037258.D | Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	5.43	405472687	2.41	15	
Endrin aldehyde	6.04	3572530			
Endrin ketone	7.27	6457480			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	5.90	328154394	3.55	15	
4,4'-DDD	5.54	5626811			
4,4'-DDE	4.98	6444477			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037258.D
Lims ID: PEM
Client ID:
Sample Type: PEM
Inject. Date: 02-May-2022 03:41:53 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144751-002
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-May-2022 06:50:44 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1671

First Level Reviewer: manlangitf Date: 02-May-2022 03:58:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.633	1.635	-0.002	177422089	100.0	100.0	
2	1.537	1.538	-0.001	229652627	100.0	100.0	
						RPD = 0.00	
25 4,4'-DDE							
1	4.975	4.975	0.000	6444477		3.25	
2	3.956	3.954	0.002	10264225		3.17	
						RPD = 2.44	
20 Endrin							
1	5.428	5.428	0.000	405472687	250.0	239.1	
2	4.553	4.552	0.001	654357402	250.0	251.0	
						RPD = 4.82	
16 4,4'-DDD							
1	5.542	5.542	0.000	5626811		3.27	
2	4.635	4.634	0.001	7890705		2.94	
						RPD = 10.51	
21 4,4'-DDT							
1	5.901	5.901	0.000	328154394	250.0	239.8	
2	4.933	4.933	0.000	570718371	250.0	254.8	
						RPD = 6.07	
5 Endrin aldehyde							
1	6.040	6.040	0.000	3572530		2.31	
2	5.208	5.209	-0.001	6716891		12.3	
						RPD = 136.52	
13 Endrin ketone							
1	7.266	7.266	0.000	6457480		3.22	
2	5.911	5.911	0.000	9137018		3.00	
						RPD = 7.25	

Reagents:

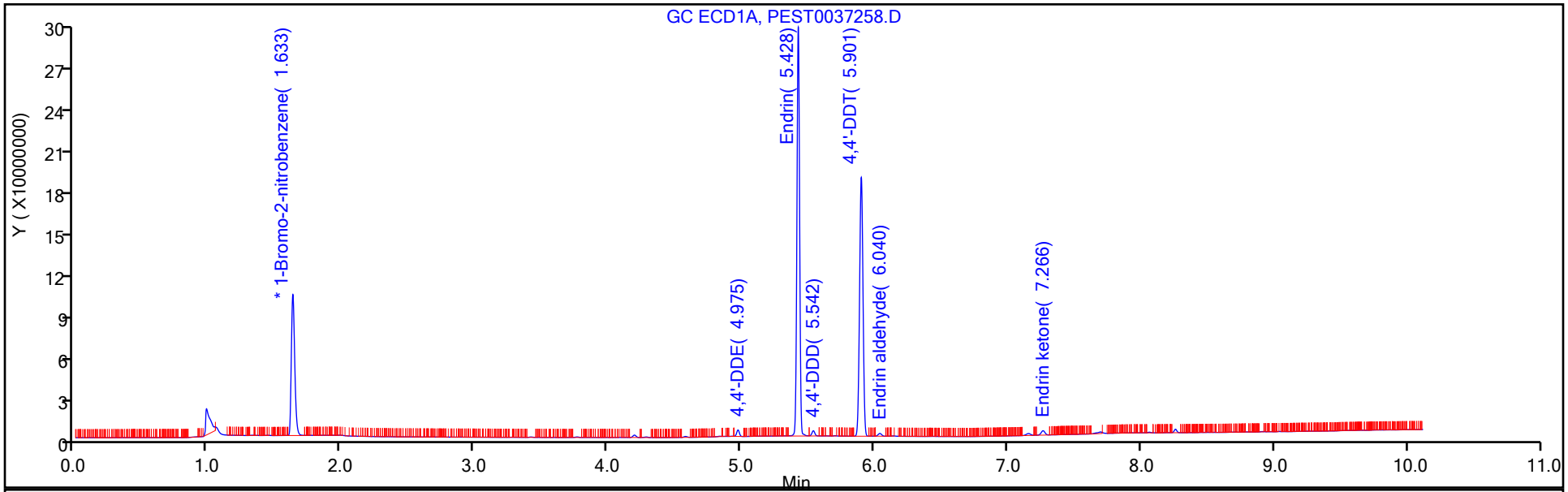
SGDDT/Ei_00041	Amount Added:	1.00	Units: mL	
SGPESTISTD_00018	Amount Added:	20.00	Units: uL	Run Reagent

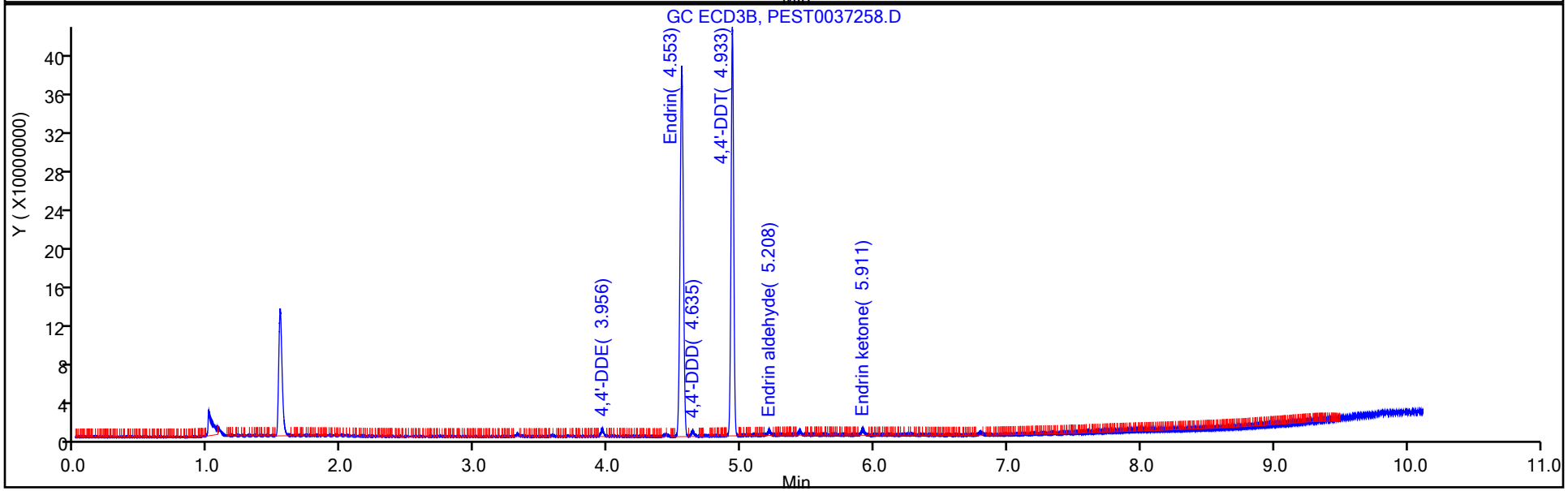
Report Date: 02-May-2022 06:50:55 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037258.D

Injection Date:	02-May-2022 03:41:53	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	PEM			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Lab Sample ID: PEM 460-842342/2 | Calibration Date: 05/02/2022 03:41

Instrument ID: CPESTGC12 | Calib Start Date: 03/18/2022 05:25

GC Column: Rtx-CLP ID: 0.53(mm) | Calib End Date: 03/18/2022 06:15

Lab File ID: PEST0037258.D | Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	4.55	654357402	2.37	15	
Endrin aldehyde	5.21	6716891			
Endrin ketone	5.91	9137018			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	4.93	570718371	3.08	15	
4,4'-DDD	4.64	7890705			
4,4'-DDE	3.96	10264225			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037258.D
Lims ID: PEM
Client ID:
Sample Type: PEM
Inject. Date: 02-May-2022 03:41:53 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144751-002
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-May-2022 06:50:44 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1671

First Level Reviewer: manlangitf Date: 02-May-2022 03:58:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.633	1.635	-0.002	177422089	100.0	100.0	
2	1.537	1.538	-0.001	229652627	100.0	100.0	
						RPD = 0.00	
25 4,4'-DDE							
1	4.975	4.975	0.000	6444477		3.25	
2	3.956	3.954	0.002	10264225		3.17	
						RPD = 2.44	
20 Endrin							
1	5.428	5.428	0.000	405472687	250.0	239.1	
2	4.553	4.552	0.001	654357402	250.0	251.0	
						RPD = 4.82	
16 4,4'-DDD							
1	5.542	5.542	0.000	5626811		3.27	
2	4.635	4.634	0.001	7890705		2.94	
						RPD = 10.51	
21 4,4'-DDT							
1	5.901	5.901	0.000	328154394	250.0	239.8	
2	4.933	4.933	0.000	570718371	250.0	254.8	
						RPD = 6.07	
5 Endrin aldehyde							
1	6.040	6.040	0.000	3572530		2.31	
2	5.208	5.209	-0.001	6716891		12.3	
						RPD = 136.52	
13 Endrin ketone							
1	7.266	7.266	0.000	6457480		3.22	
2	5.911	5.911	0.000	9137018		3.00	
						RPD = 7.25	

Reagents:

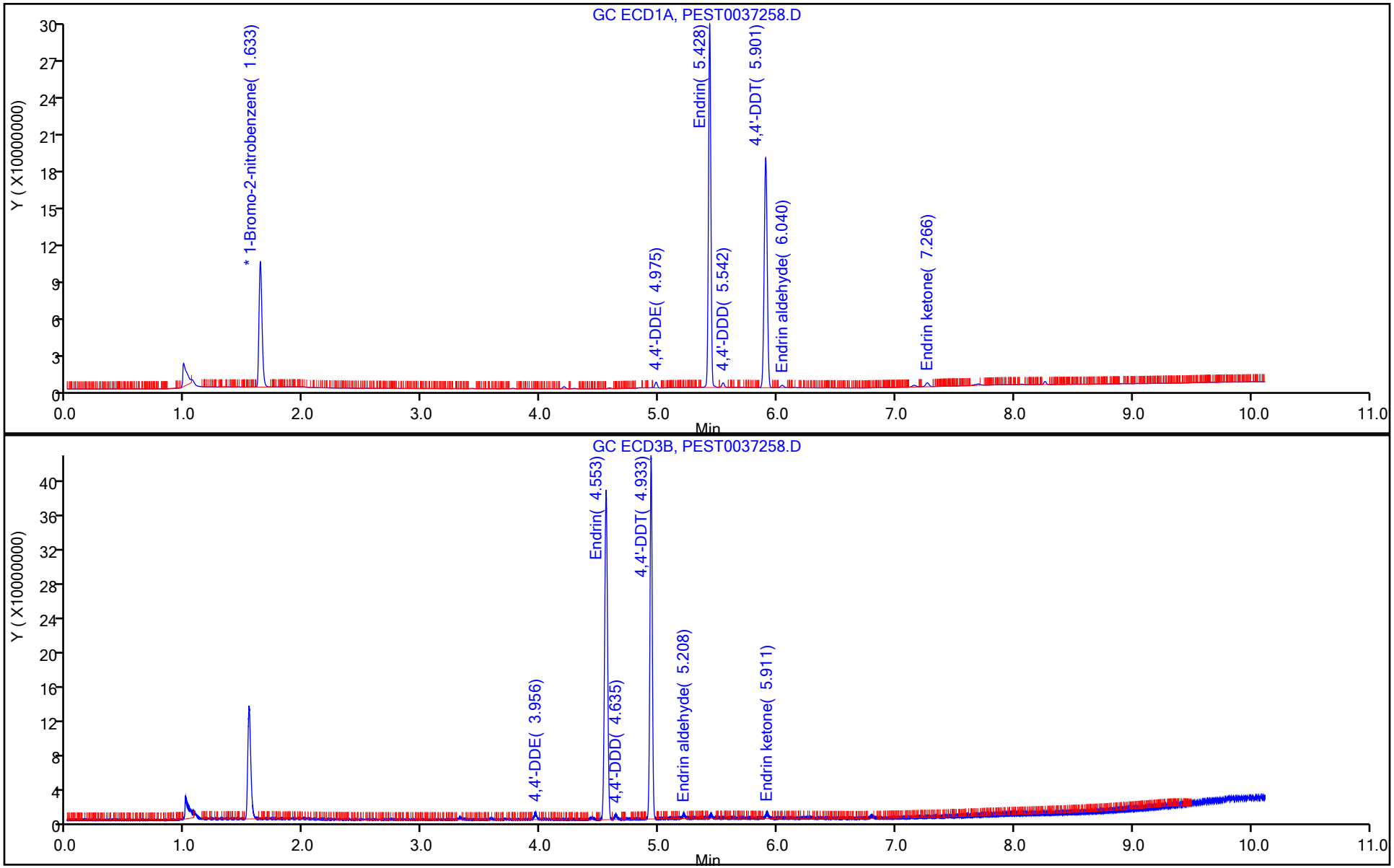
SGDDT/Ei_00041	Amount Added:	1.00	Units: mL	
SGPESTISTD_00018	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 02-May-2022 06:50:56 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037258.D

Injection Date:	02-May-2022 03:41:53	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	PEM			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICV 460-833964/9 Calibration Date: 03/18/2022 06:39

Instrument ID: CPESTGC12 Calib Start Date: 03/18/2022 05:25

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/18/2022 06:15

Lab File ID: PEST0035878.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.550	1.595		103	100	2.9	20.0
gamma-BHC (Lindane)	Ave	1.418	1.427		101	100	0.6	20.0
beta-BHC	Ave	0.5552	0.6219		112	100	12.0	20.0
delta-BHC	Ave	1.348	1.360		101	100	0.9	20.0
Heptachlor	Ave	1.153	1.159		100	100	0.5	20.0
Aldrin	Ave	1.268	1.290		102	100	1.7	20.0
Heptachlor epoxide	Ave	1.145	1.129		98.6	100	-1.4	20.0
trans-Chlordane	Ave	1.126	1.120		99.5	100	-0.5	20.0
cis-Chlordane	Ave	1.103	1.090		98.8	100	-1.2	20.0
Endosulfan I	Ave	1.046	1.038		99.2	100	-0.8	20.0
4,4'-DDE	Ave	1.118	1.126		101	100	0.7	20.0
Dieldrin	Ave	1.185	1.183		99.8	100	-0.2	20.0
Endrin	Ave	0.9556	0.9617		101	100	0.6	20.0
4,4'-DDD	Ave	0.9694	0.9685		99.9	100	-0.1	20.0
Endosulfan II	Lin		1.042		107	100	7.4	20.0
4,4'-DDT	Ave	0.7714	0.7775		101	100	0.8	20.0
Endrin aldehyde	Ave	0.8699	0.8846		102	100	1.7	20.0
Endosulfan sulfate	Ave	0.9000	0.9116		101	100	1.3	20.0
Methoxychlor	Ave	0.4239	0.4339		102	100	2.4	20.0
Mirex	Ave	0.7800	0.7918		102	100	1.5	20.0
Endrin ketone	Ave	1.130	1.081		95.7	100	-4.3	20.0
Tetrachloro-m-xylene	Ave	1.084	1.097		101	100	1.1	20.0
DCB Decachlorobiphenyl	Ave	0.7948	0.7898		99.4	100	-0.6	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICV 460-833964/9 Calibration Date: 03/18/2022 06:39

Instrument ID: CPESTGC12 Calib Start Date: 03/18/2022 05:25

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/18/2022 06:15

Lab File ID: PEST0035878.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.60	2.59	2.61
gamma-BHC (Lindane)	2.90	2.89	2.91
beta-BHC	2.95	2.94	2.96
delta-BHC	3.25	3.24	3.26
Heptachlor	3.34	3.33	3.35
Aldrin	3.72	3.71	3.73
Heptachlor epoxide	4.37	4.36	4.38
trans-Chlordane	4.61	4.60	4.62
cis-Chlordane	4.78	4.77	4.79
Endosulfan I	4.85	4.84	4.86
4,4'-DDE	4.95	4.94	4.96
Dieldrin	5.12	5.11	5.13
Endrin	5.41	5.40	5.42
4,4'-DDD	5.52	5.51	5.53
Endosulfan II	5.61	5.61	5.63
4,4'-DDT	5.87	5.86	5.88
Endrin aldehyde	6.01	6.00	6.02
Endosulfan sulfate	6.40	6.39	6.41
Methoxychlor	6.96	6.95	6.97
Mirex	7.16	7.15	7.17
Endrin ketone	7.24	7.23	7.25
Tetrachloro-m-xylene	2.16	2.15	2.17
DCB Decachlorobiphenyl	8.41	8.40	8.42

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035878.D
Lims ID: ICV PEST
Client ID:
Sample Type: ICV
Inject. Date: 18-Mar-2022 06:39:40 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142825-009
Operator ID: Instrument ID: CPESTGC12
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Mar-2022 05:36:10 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1664

First Level Reviewer: manlangitf Date: 18-Mar-2022 07:11:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.631	1.630	0.001	130371251	100.0	100.0	
2	1.533	1.531	0.002	222685217	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.158	2.159	-0.001	142973709	100.0	101.1	
2	1.896	1.895	0.001	265169651	100.0	101.9	
						RPD = 0.79	
15 alpha-BHC							
1	2.595	2.596	-0.001	207904354	100.0	102.9	
2	2.212	2.212	0.000	392810921	100.0	101.4	
						RPD = 1.42	
2 gamma-BHC (Lindane)							M
1	2.895	2.896	-0.001	186007789	100.0	100.6	M
2	2.414	2.414	0.000	363692242	100.0	100.3	
						RPD = 0.29	
6 beta-BHC							M
1	2.953	2.953	0.000	81083239	100.0	112.0	M
2	2.464	2.465	-0.001	148723999	100.0	109.0	
						RPD = 2.68	
32 delta-BHC							
1	3.249	3.250	-0.001	177299090	100.0	100.9	
2	2.595	2.595	0.000	345418579	100.0	101.8	
						RPD = 0.94	
18 Heptachlor							
1	3.343	3.343	0.000	151056792	100.0	100.5	
2	2.753	2.754	-0.001	301875300	100.0	98.7	
						RPD = 1.75	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.722	3.723	-0.001	168122271	100.0	101.7	
2	3.000	3.000	0.000	343937646	100.0	100.4	
						RPD = 1.28	
12 Heptachlor epoxide							
1	4.371	4.372	-0.001	147161800	100.0	98.6	
2	3.583	3.583	0.000	312066104	100.0	100.7	
						RPD = 2.18	
9 trans-Chlordane							M
1	4.607	4.608	-0.001	145989938	100.0	99.5	M
2	3.717	3.718	-0.001	319271457	100.0	100.4	
						RPD = 0.90	
23 cis-Chlordane							M
1	4.779	4.780	-0.001	142141293	100.0	98.8	M
2	3.860	3.859	0.001	302349563	100.0	99.8	
						RPD = 1.01	
7 Endosulfan I							M
1	4.846	4.847	-0.001	135333052	100.0	99.2	M
2	4.009	4.010	-0.001	281755461	100.0	100.0	
						RPD = 0.76	
25 4,4'-DDE							
1	4.950	4.951	-0.001	146775199	100.0	100.7	
2	3.938	3.939	-0.001	301331258	100.0	96.0	
						RPD = 4.78	
30 Dieldrin							
1	5.120	5.121	-0.001	154189327	100.0	99.8	
2	4.263	4.262	0.001	309547400	100.0	97.2	
						RPD = 2.65	
20 Endrin							
1	5.405	5.405	0.000	125383320	100.0	100.6	
2	4.533	4.532	0.001	251934761	100.0	99.6	
						RPD = 0.99	
16 4,4'-DDD							
1	5.516	5.517	-0.001	126266226	100.0	99.9	
2	4.618	4.618	0.000	253278009	100.0	97.5	
						RPD = 2.46	
11 Endosulfan II							
1	5.614	5.616	-0.002	135883127	100.0	107.4	
2	4.790	4.789	0.001	248317131	100.0	100.2	
						RPD = 6.97	
21 4,4'-DDT							
1	5.872	5.873	-0.001	101365633	100.0	100.8	
2	4.921	4.920	0.001	218311189	100.0	100.5	
						RPD = 0.28	
5 Endrin aldehyde							
1	6.012	6.012	0.000	115322153	100.0	101.7	
2	5.198	5.197	0.001	230088140	100.0	105.2	
						RPD = 3.35	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.402	6.404	-0.002	118844091	100.0	101.3	
2	5.602	5.602	0.000	204255856	100.0	88.2	
						RPD = 13.79	
10 Methoxychlor							
1	6.962	6.963	-0.001	56573739	100.0	102.4	
2	5.392	5.391	0.001	111093495	100.0	97.6	
						RPD = 4.80	
34 Mirex							M
1	7.159	7.159	0.000	103229259	100.0	101.5	M
2	5.471	5.474	-0.003	186832803	100.0	96.3	
						RPD = 5.31	
13 Endrin ketone							M
1	7.238	7.238	0.000	140944790	100.0	95.7	M
2	5.897	5.897	0.000	300284927	100.0	101.5	
						RPD = 5.94	
$ 24 DCB Decachlorobiphenyl							
1	8.409	8.409	0.000	102961680	100.0	99.4	
2	7.426	7.427	-0.001	215895478	100.0	86.5	
						RPD = 13.85	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPTICV_00045	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 22-Mar-2022 05:37:53 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035878.D

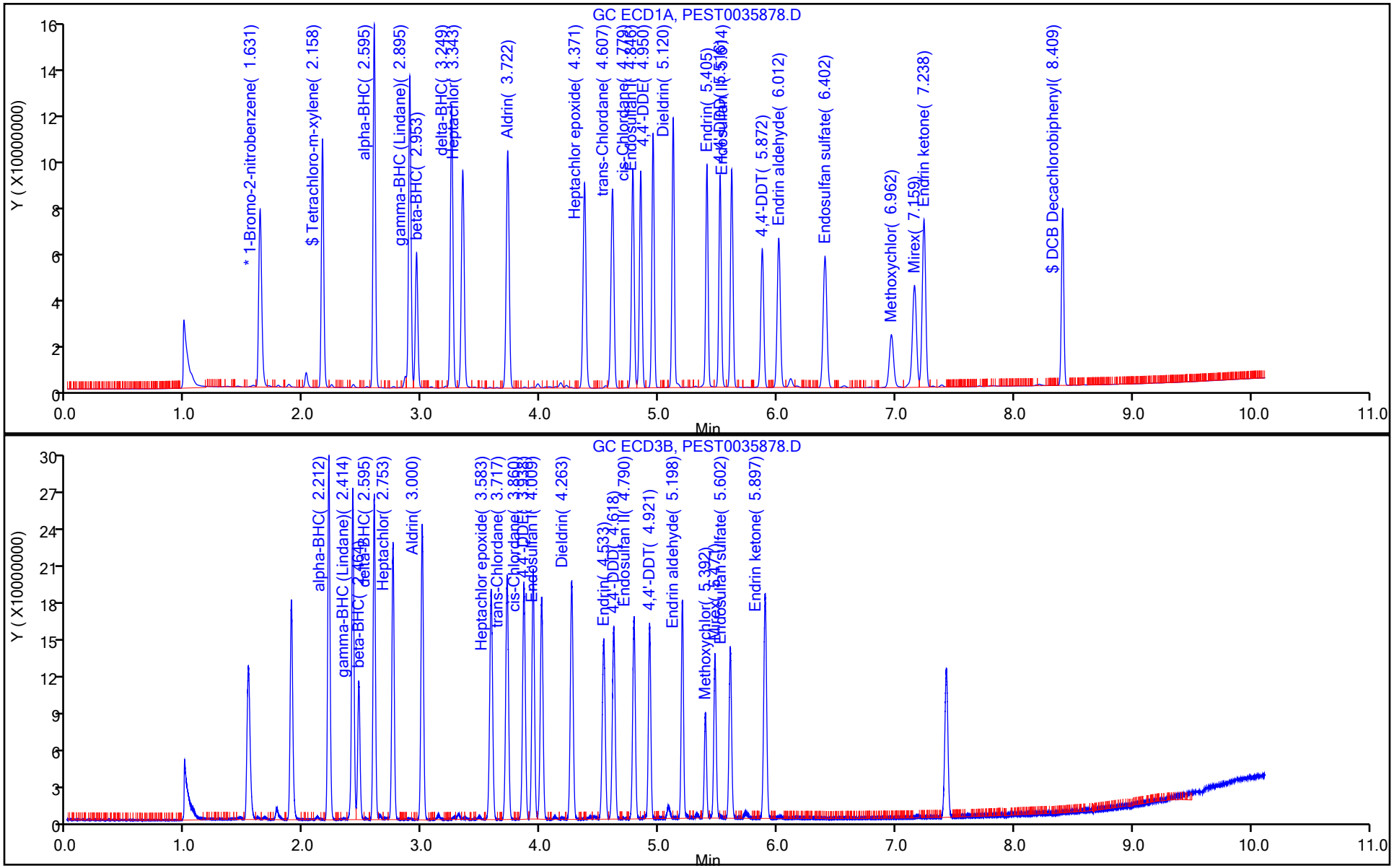
Injection Date: 18-Mar-2022 06:39:40 Instrument ID: CPESTGC12 Operator ID:

Lims ID: ICV PEST Worklist Smp#: 9

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: GC8081 Limit Group: GC 8081B PEST ISTD



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICV 460-833964/9 Calibration Date: 03/18/2022 06:39

Instrument ID: CPESTGC12 Calib Start Date: 03/18/2022 05:25

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 03/18/2022 06:15

Lab File ID: PEST0035878.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.739	1.764		101	100	1.4	20.0
gamma-BHC (Lindane)	Ave	1.628	1.633		100	100	0.3	20.0
beta-BHC	Ave	0.6124	0.6679		109	100	9.0	20.0
delta-BHC	Ave	1.523	1.551		102	100	1.8	20.0
Heptachlor	Ave	1.373	1.356		98.7	100	-1.3	20.0
Aldrin	Ave	1.538	1.545		100	100	0.4	20.0
Heptachlor epoxide	Ave	1.391	1.401		101	100	0.7	20.0
trans-Chlordane	Ave	1.428	1.434		100	100	0.4	20.0
cis-Chlordane	Ave	1.360	1.358		99.8	100	-0.2	20.0
4,4'-DDE	Ave	1.409	1.353		96.0	100	-4.0	20.0
Endosulfan I	Ave	1.265	1.265		100	100	0.0	20.0
Dieldrin	Ave	1.430	1.390		97.2	100	-2.8	20.0
Endrin	Ave	1.135	1.131		99.6	100	-0.4	20.0
4,4'-DDD	Ave	1.167	1.137		97.5	100	-2.5	20.0
Endosulfan II	Lin		1.115		100	100	0.2	20.0
4,4'-DDT	Ave	0.9754	0.9804		101	100	0.5	20.0
Endrin aldehyde	Lin		1.033		105	100	5.2	20.0
Methoxychlor	Ave	0.5113	0.4989		97.6	100	-2.4	20.0
Mirex	Lin		0.8390		96.3	100	-3.7	20.0
Endosulfan sulfate	Ave	1.040	0.9172		88.2	100	-11.8	20.0
Endrin ketone	Ave	1.328	1.348		102	100	1.5	20.0
Tetrachloro-m-xylene	Ave	1.168	1.191		102	100	1.9	20.0
DCB Decachlorobiphenyl	Ave	1.121	0.9695		86.5	100	-13.5	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICV 460-833964/9 Calibration Date: 03/18/2022 06:39

Instrument ID: CPESTGC12 Calib Start Date: 03/18/2022 05:25

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 03/18/2022 06:15

Lab File ID: PEST0035878.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.21	2.20	2.22
gamma-BHC (Lindane)	2.41	2.40	2.42
beta-BHC	2.46	2.46	2.48
delta-BHC	2.60	2.59	2.61
Heptachlor	2.75	2.74	2.76
Aldrin	3.00	2.99	3.01
Heptachlor epoxide	3.58	3.57	3.59
trans-Chlordane	3.72	3.71	3.73
cis-Chlordane	3.86	3.85	3.87
4,4'-DDE	3.94	3.93	3.95
Endosulfan I	4.01	4.00	4.02
Dieldrin	4.26	4.25	4.27
Endrin	4.53	4.52	4.54
4,4'-DDD	4.62	4.61	4.63
Endosulfan II	4.79	4.78	4.80
4,4'-DDT	4.92	4.91	4.93
Endrin aldehyde	5.20	5.19	5.21
Methoxychlor	5.39	5.38	5.40
Mirex	5.47	5.46	5.48
Endosulfan sulfate	5.60	5.59	5.61
Endrin ketone	5.90	5.89	5.91
Tetrachloro-m-xylene	1.90	1.89	1.91
DCB Decachlorobiphenyl	7.43	7.42	7.44

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035878.D
Lims ID: ICV PEST
Client ID:
Sample Type: ICV
Inject. Date: 18-Mar-2022 06:39:40 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142825-009
Operator ID: Instrument ID: CPESTGC12
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Mar-2022 05:36:10 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1664

First Level Reviewer: manlangitf Date: 18-Mar-2022 07:11:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.631	1.630	0.001	130371251	100.0	100.0	
2	1.533	1.531	0.002	222685217	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.158	2.159	-0.001	142973709	100.0	101.1	
2	1.896	1.895	0.001	265169651	100.0	101.9	
						RPD = 0.79	
15 alpha-BHC							
1	2.595	2.596	-0.001	207904354	100.0	102.9	
2	2.212	2.212	0.000	392810921	100.0	101.4	
						RPD = 1.42	
2 gamma-BHC (Lindane)							M
1	2.895	2.896	-0.001	186007789	100.0	100.6	M
2	2.414	2.414	0.000	363692242	100.0	100.3	
						RPD = 0.29	
6 beta-BHC							M
1	2.953	2.953	0.000	81083239	100.0	112.0	M
2	2.464	2.465	-0.001	148723999	100.0	109.0	
						RPD = 2.68	
32 delta-BHC							
1	3.249	3.250	-0.001	177299090	100.0	100.9	
2	2.595	2.595	0.000	345418579	100.0	101.8	
						RPD = 0.94	
18 Heptachlor							
1	3.343	3.343	0.000	151056792	100.0	100.5	
2	2.753	2.754	-0.001	301875300	100.0	98.7	
						RPD = 1.75	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.722	3.723	-0.001	168122271	100.0	101.7	
2	3.000	3.000	0.000	343937646	100.0	100.4	
						RPD = 1.28	
12 Heptachlor epoxide							
1	4.371	4.372	-0.001	147161800	100.0	98.6	
2	3.583	3.583	0.000	312066104	100.0	100.7	
						RPD = 2.18	
9 trans-Chlordane							M
1	4.607	4.608	-0.001	145989938	100.0	99.5	M
2	3.717	3.718	-0.001	319271457	100.0	100.4	
						RPD = 0.90	
23 cis-Chlordane							M
1	4.779	4.780	-0.001	142141293	100.0	98.8	M
2	3.860	3.859	0.001	302349563	100.0	99.8	
						RPD = 1.01	
7 Endosulfan I							M
1	4.846	4.847	-0.001	135333052	100.0	99.2	M
2	4.009	4.010	-0.001	281755461	100.0	100.0	
						RPD = 0.76	
25 4,4'-DDE							
1	4.950	4.951	-0.001	146775199	100.0	100.7	
2	3.938	3.939	-0.001	301331258	100.0	96.0	
						RPD = 4.78	
30 Dieldrin							
1	5.120	5.121	-0.001	154189327	100.0	99.8	
2	4.263	4.262	0.001	309547400	100.0	97.2	
						RPD = 2.65	
20 Endrin							
1	5.405	5.405	0.000	125383320	100.0	100.6	
2	4.533	4.532	0.001	251934761	100.0	99.6	
						RPD = 0.99	
16 4,4'-DDD							
1	5.516	5.517	-0.001	126266226	100.0	99.9	
2	4.618	4.618	0.000	253278009	100.0	97.5	
						RPD = 2.46	
11 Endosulfan II							
1	5.614	5.616	-0.002	135883127	100.0	107.4	
2	4.790	4.789	0.001	248317131	100.0	100.2	
						RPD = 6.97	
21 4,4'-DDT							
1	5.872	5.873	-0.001	101365633	100.0	100.8	
2	4.921	4.920	0.001	218311189	100.0	100.5	
						RPD = 0.28	
5 Endrin aldehyde							
1	6.012	6.012	0.000	115322153	100.0	101.7	
2	5.198	5.197	0.001	230088140	100.0	105.2	
						RPD = 3.35	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.402	6.404	-0.002	118844091	100.0	101.3	
2	5.602	5.602	0.000	204255856	100.0	88.2	
						RPD = 13.79	
10 Methoxychlor							
1	6.962	6.963	-0.001	56573739	100.0	102.4	
2	5.392	5.391	0.001	111093495	100.0	97.6	
						RPD = 4.80	
34 Mirex							M
1	7.159	7.159	0.000	103229259	100.0	101.5	M
2	5.471	5.474	-0.003	186832803	100.0	96.3	
						RPD = 5.31	
13 Endrin ketone							M
1	7.238	7.238	0.000	140944790	100.0	95.7	M
2	5.897	5.897	0.000	300284927	100.0	101.5	
						RPD = 5.94	
$ 24 DCB Decachlorobiphenyl							
1	8.409	8.409	0.000	102961680	100.0	99.4	
2	7.426	7.427	-0.001	215895478	100.0	86.5	
						RPD = 13.85	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPTICV_00045	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 22-Mar-2022 05:37:54 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035878.D

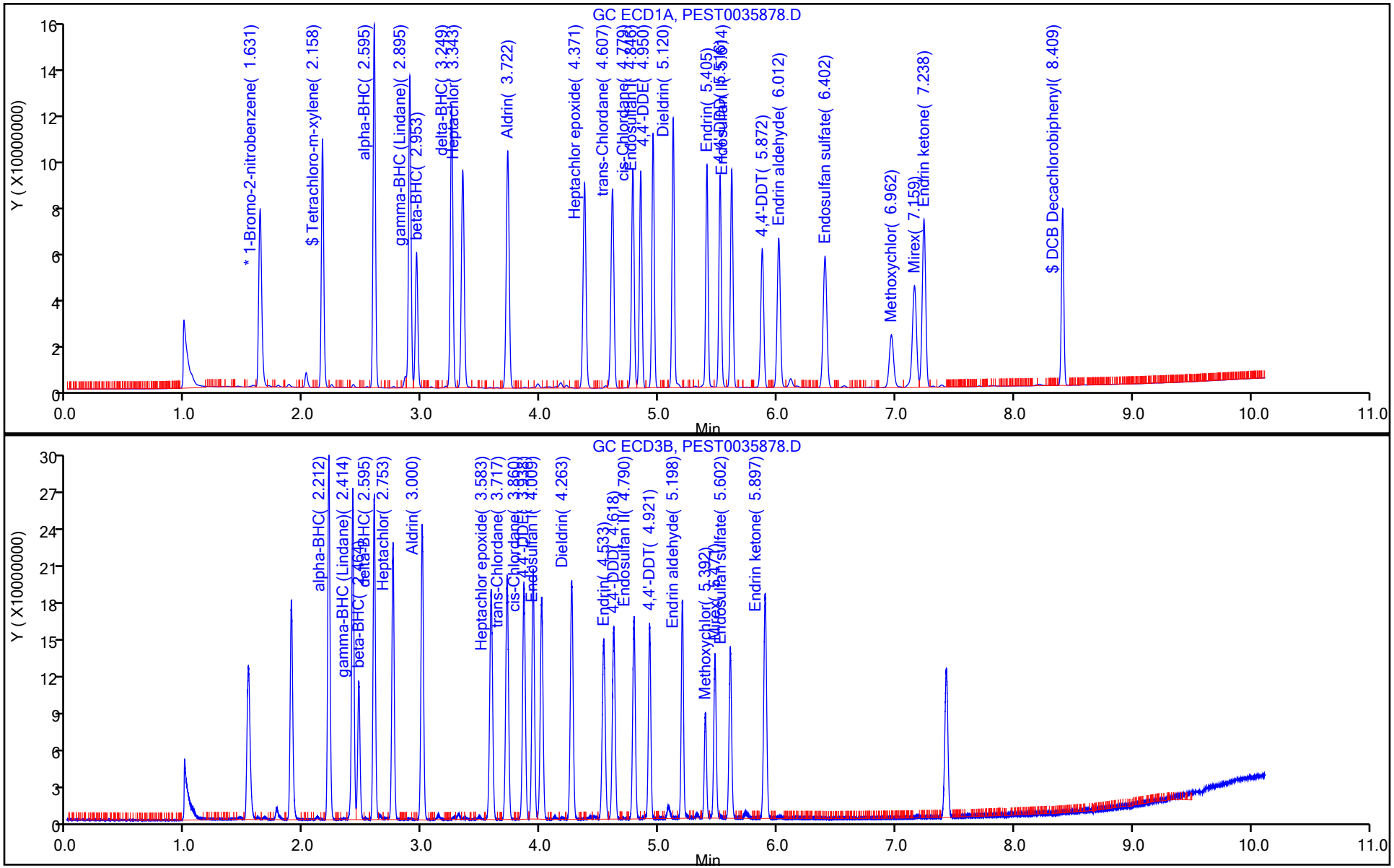
Injection Date: 18-Mar-2022 06:39:40 Instrument ID: CPESTGC12 Operator ID:

Lims ID: ICV PEST Worklist Smp#: 9

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: GC8081 Limit Group: GC 8081B PEST ISTD



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICV 460-833964/21 Calibration Date: 03/18/2022 09:07

Instrument ID: CPESTGC12 Calib Start Date: 03/18/2022 08:05

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/18/2022 08:55

Lab File ID: PEST0035890.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	0.0271	0.0258		952	1000	-4.8	20.0
Toxaphene Peak 2	Ave	0.0364	0.0338		927	1000	-7.3	20.0
Toxaphene Peak 3	Ave	0.0660	0.0612		928	1000	-7.2	20.0
Toxaphene Peak 4	Ave	0.0386	0.0368		953	1000	-4.7	20.0
Toxaphene Peak 5	Ave	0.0321	0.0323		1010	1000	0.7	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICV 460-833964/21 Calibration Date: 03/18/2022 09:07

Instrument ID: CPESTGC12 Calib Start Date: 03/18/2022 08:05

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/18/2022 08:55

Lab File ID: PEST0035890.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	5.10	5.09	5.11
Toxaphene Peak 2	5.60	5.59	5.61
Toxaphene Peak 3	5.71	5.70	5.72
Toxaphene Peak 4	6.03	6.02	6.04
Toxaphene Peak 5	6.78	6.77	6.79

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035890.D
Lims ID: ICV TOX
Client ID:
Sample Type: ICV
Inject. Date: 18-Mar-2022 09:07:26 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142825-021
Operator ID: Instrument ID: CPESTGC12
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Mar-2022 05:36:10 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1664

First Level Reviewer: manlangitf Date: 18-Mar-2022 09:22:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.630	1.630	0.000	129642313	100.0	100.0	
2	1.532	1.531	0.001	215913452	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.097	5.099	-0.002	33416081	1000.0	952.4	M
1	5.600	5.602	-0.002	43774820	1000.0	927.3	M
1	5.708	5.708	0.000	79377666	1000.0	928.3	M
1	6.027	6.026	0.001	47682922	1000.0	953.0	M
1	6.780	6.781	-0.001	41934979	1000.0	1007.2	M
		Average of Peak Amounts =				953.6	
2	4.778	4.780	-0.002	143967261	1000.0	1019.3	M
2	4.901	4.901	0.000	115096039	1000.0	993.2	M
2	5.114	5.115	-0.001	108215666	1000.0	987.4	M
2	5.307	5.307	0.000	90696475	1000.0	926.0	M
2	5.493	5.492	0.001	103845080	1000.0	973.5	M
		Average of Peak Amounts =				979.9	
						RPD = 2.72	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

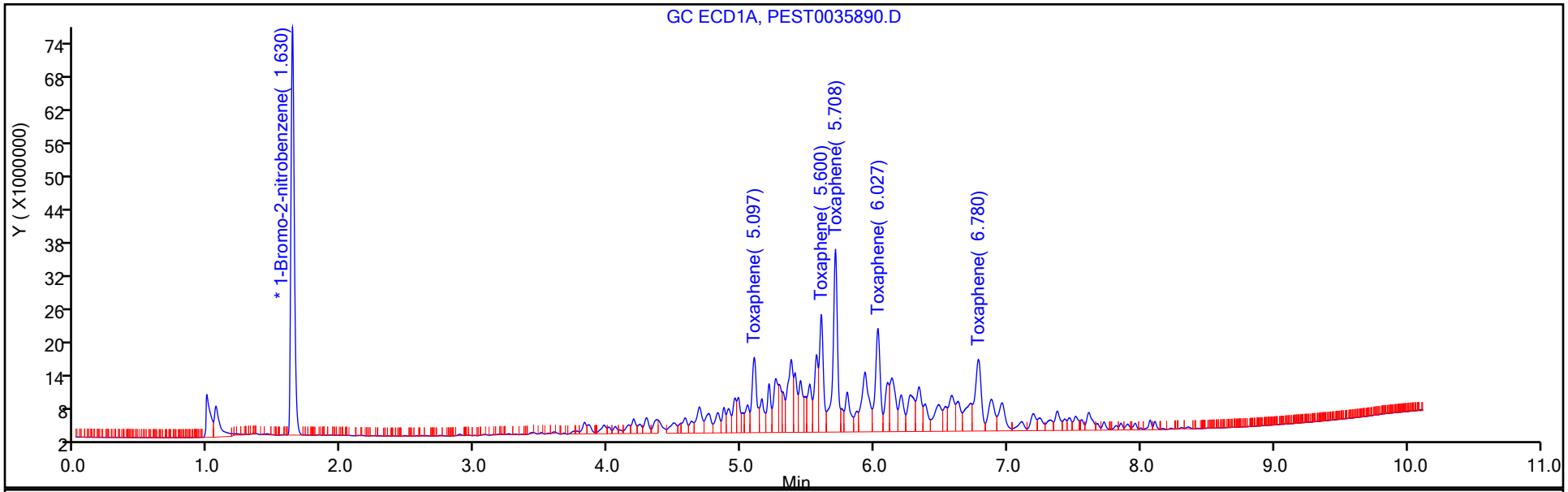
SGTOX ICV_00013	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

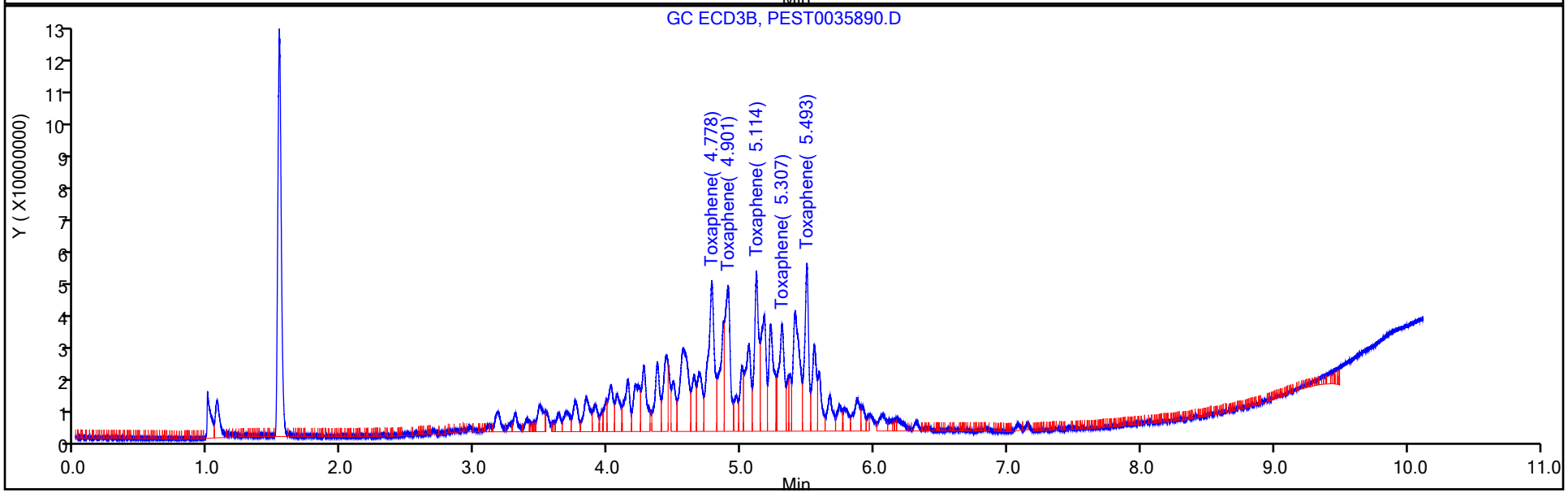
Report Date: 22-Mar-2022 05:38:01 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035890.D

Injection Date:	18-Mar-2022 09:07:26	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	ICV TOX			Worklist Smp#:	21
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICV 460-833964/21 Calibration Date: 03/18/2022 09:07

Instrument ID: CPESTGC12 Calib Start Date: 03/18/2022 08:05

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 03/18/2022 08:55

Lab File ID: PEST0035890.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	0.0654	0.0667		1020	1000	1.9	20.0
Toxaphene Peak 2	Ave	0.0537	0.0533		993	1000	-0.7	20.0
Toxaphene Peak 3	Ave	0.0508	0.0501		987	1000	-1.3	20.0
Toxaphene Peak 4	Ave	0.0454	0.0420		926	1000	-7.4	20.0
Toxaphene Peak 5	Ave	0.0494	0.0481		974	1000	-2.6	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICV 460-833964/21 Calibration Date: 03/18/2022 09:07

Instrument ID: CPESTGC12 Calib Start Date: 03/18/2022 08:05

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 03/18/2022 08:55

Lab File ID: PEST0035890.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	4.78	4.77	4.79
Toxaphene Peak 2	4.90	4.89	4.91
Toxaphene Peak 3	5.11	5.11	5.13
Toxaphene Peak 4	5.31	5.30	5.32
Toxaphene Peak 5	5.49	5.48	5.50

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035890.D
Lims ID: ICV TOX
Client ID:
Sample Type: ICV
Inject. Date: 18-Mar-2022 09:07:26 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142825-021
Operator ID: Instrument ID: CPESTGC12
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Mar-2022 05:36:10 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1664

First Level Reviewer: manlangitf Date: 18-Mar-2022 09:22:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.630	1.630	0.000	129642313	100.0	100.0	
2	1.532	1.531	0.001	215913452	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.097	5.099	-0.002	33416081	1000.0	952.4	M
1	5.600	5.602	-0.002	43774820	1000.0	927.3	M
1	5.708	5.708	0.000	79377666	1000.0	928.3	M
1	6.027	6.026	0.001	47682922	1000.0	953.0	M
1	6.780	6.781	-0.001	41934979	1000.0	1007.2	M
		Average of Peak Amounts =				953.6	
2	4.778	4.780	-0.002	143967261	1000.0	1019.3	M
2	4.901	4.901	0.000	115096039	1000.0	993.2	M
2	5.114	5.115	-0.001	108215666	1000.0	987.4	M
2	5.307	5.307	0.000	90696475	1000.0	926.0	M
2	5.493	5.492	0.001	103845080	1000.0	973.5	M
		Average of Peak Amounts =				979.9	
						RPD = 2.72	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

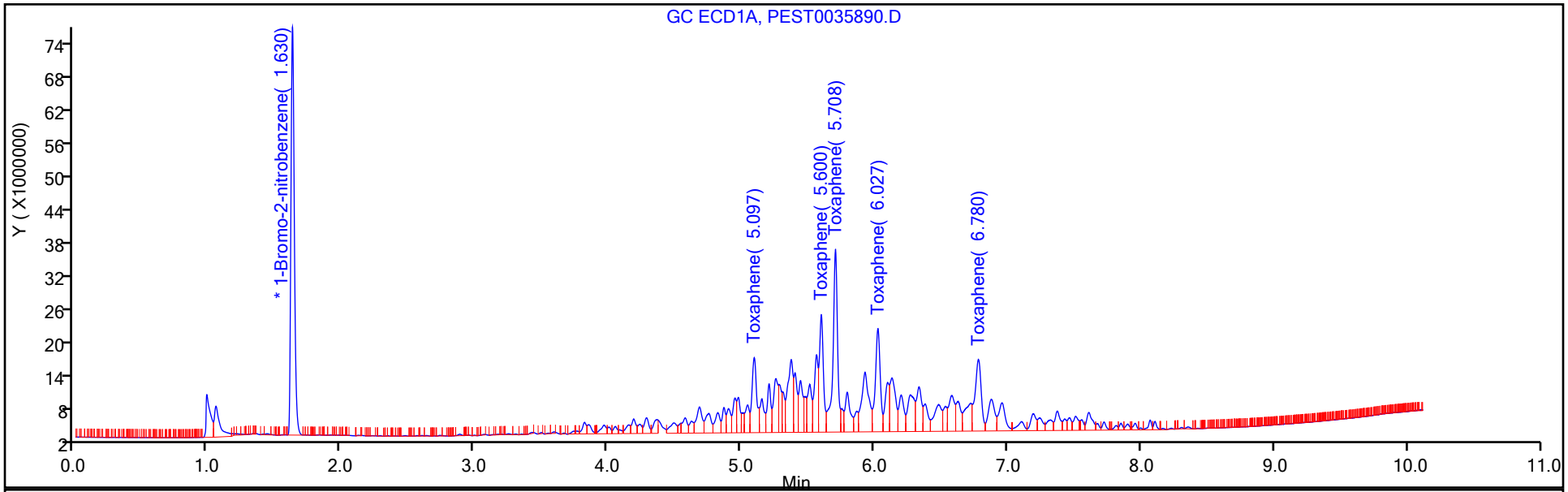
SGTOX ICV_00013	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

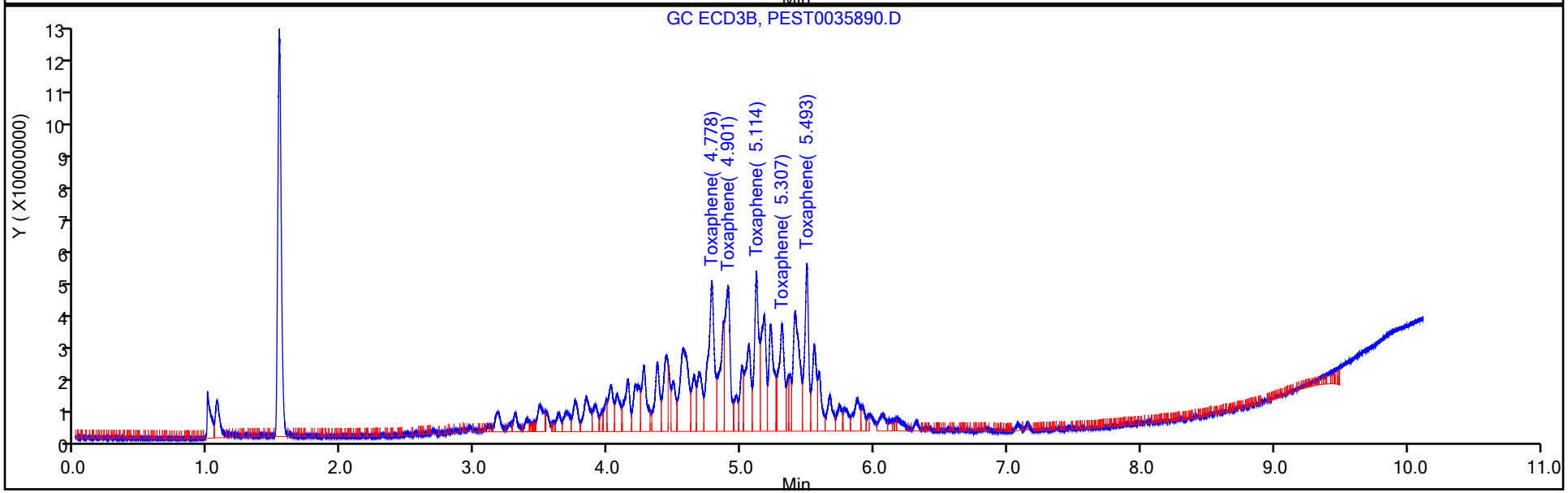
Report Date: 22-Mar-2022 05:38:02 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035890.D

Injection Date:	18-Mar-2022 09:07:26	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	ICV TOX			Worklist Smp#:	21
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICV 460-833964/22 | Calibration Date: 03/18/2022 09:19

Instrument ID: CPESTGC12 | Calib Start Date: 03/18/2022 06:51

GC Column: CLP-2 ID: 0.53(mm) | Calib End Date: 03/18/2022 07:41

Lab File ID: PEST0035891.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlordane (n.o.s.) Peak 1	Ave	0.0339	0.0349		1030	1000	2.8	20.0
Chlordane (technical) Peak 1	Ave	0.0339	0.0349		1030	1000	2.8	20.0
Chlordane (n.o.s.) Peak 2	Ave	0.0344	0.0350		1020	1000	1.6	20.0
Chlordane (technical) Peak 2	Ave	0.0344	0.0350		1020	1000	1.6	20.0
Chlordane (n.o.s.) Peak 3	Ave	0.1120	0.1196		1070	1000	6.8	20.0
Chlordane (technical) Peak 3	Ave	0.1120	0.1196		1070	1000	6.8	20.0
Chlordane (n.o.s.) Peak 4	Ave	0.1232	0.1305		1060	1000	5.9	20.0
Chlordane (technical) Peak 4	Ave	0.1232	0.1305		1060	1000	5.9	20.0
Chlordane (n.o.s.) Peak 5	Ave	0.0867	0.0915		1050	1000	5.4	20.0
Chlordane (technical) Peak 5	Ave	0.0867	0.0915		1050	1000	5.4	20.0
Chlordane (n.o.s.)	None		0.0349		1050	1000	4.5	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICV 460-833964/22 Calibration Date: 03/18/2022 09:19

Instrument ID: CPESTGC12 Calib Start Date: 03/18/2022 06:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/18/2022 07:41

Lab File ID: PEST0035891.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (n.o.s.) Peak 1	3.19	3.18	3.20
Chlordane (technical) Peak 1	3.19	3.18	3.20
Chlordane (n.o.s.) Peak 2	3.88	3.87	3.89
Chlordane (technical) Peak 2	3.88	3.87	3.89
Chlordane (n.o.s.) Peak 3	4.61	4.60	4.62
Chlordane (technical) Peak 3	4.61	4.60	4.62
Chlordane (n.o.s.) Peak 4	4.72	4.71	4.73
Chlordane (technical) Peak 4	4.72	4.71	4.73
Chlordane (n.o.s.) Peak 5	4.78	4.77	4.79
Chlordane (technical) Peak 5	4.78	4.77	4.79
Chlordane (n.o.s.)			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035891.D
Lims ID: ICV CHLOR
Client ID:
Sample Type: ICV
Inject. Date: 18-Mar-2022 09:19:46 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142825-022
Operator ID: Instrument ID: CPESTGC12
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Mar-2022 05:36:10 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1664

First Level Reviewer: manlangitf Date: 18-Mar-2022 09:32:43

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.632	1.630	0.002	153760553	100.0	100.0	
2	1.533	1.531	0.002	266643221	100.0	100.0	
						RPD = 0.00	
38 Chlordane (n.o.s.)							M
1	3.190	3.189	0.001	53590430	1000.0	1027.7	M
1	3.876	3.877	-0.001	53755758	1000.0	1016.0	M
1	4.606	4.607	-0.001	183821533	1000.0	1067.5	M
1	4.718	4.718	0.000	200606474	1000.0	1059.4	M
1	4.778	4.779	-0.001	140640022	1000.0	1054.5	M
		Average of Peak Amounts =				1045.0	
2	2.695	2.693	0.002	103800837	1000.0	1025.5	
2	3.114	3.113	0.001	119640414	1000.0	1040.8	
2	3.511	3.510	0.001	80417489	1000.0	1067.7	
2	3.718	3.716	0.002	437240838	1000.0	1073.6	
2	3.843	3.842	0.001	757085473	1000.0	1085.9	
		Average of Peak Amounts =				1058.7	
						RPD = 1.30	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Chlordane (technical)							M
1	3.190	3.189	0.001	53590430	1000.0	1027.7	M
1	3.876	3.877	-0.001	53755758	1000.0	1016.0	M
1	4.606	4.607	-0.001	183821533	1000.0	1067.5	M
1	4.718	4.718	0.000	200606474	1000.0	1059.4	M
1	4.778	4.779	-0.001	140640022	1000.0	1054.5	M
		Average of Peak Amounts =				1045.0	
2	2.695	2.693	0.002	103800837	1000.0	1025.5	
2	3.114	3.113	0.001	119640414	1000.0	1040.8	
2	3.511	3.510	0.001	80417489	1000.0	1067.7	
2	3.718	3.716	0.002	437240838	1000.0	1073.6	
2	3.843	3.842	0.001	757085473	1000.0	1085.9	
		Average of Peak Amounts =				1058.7	
						RPD = 1.30	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGCHLOR ICV_00007	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 22-Mar-2022 05:38:08 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035891.D

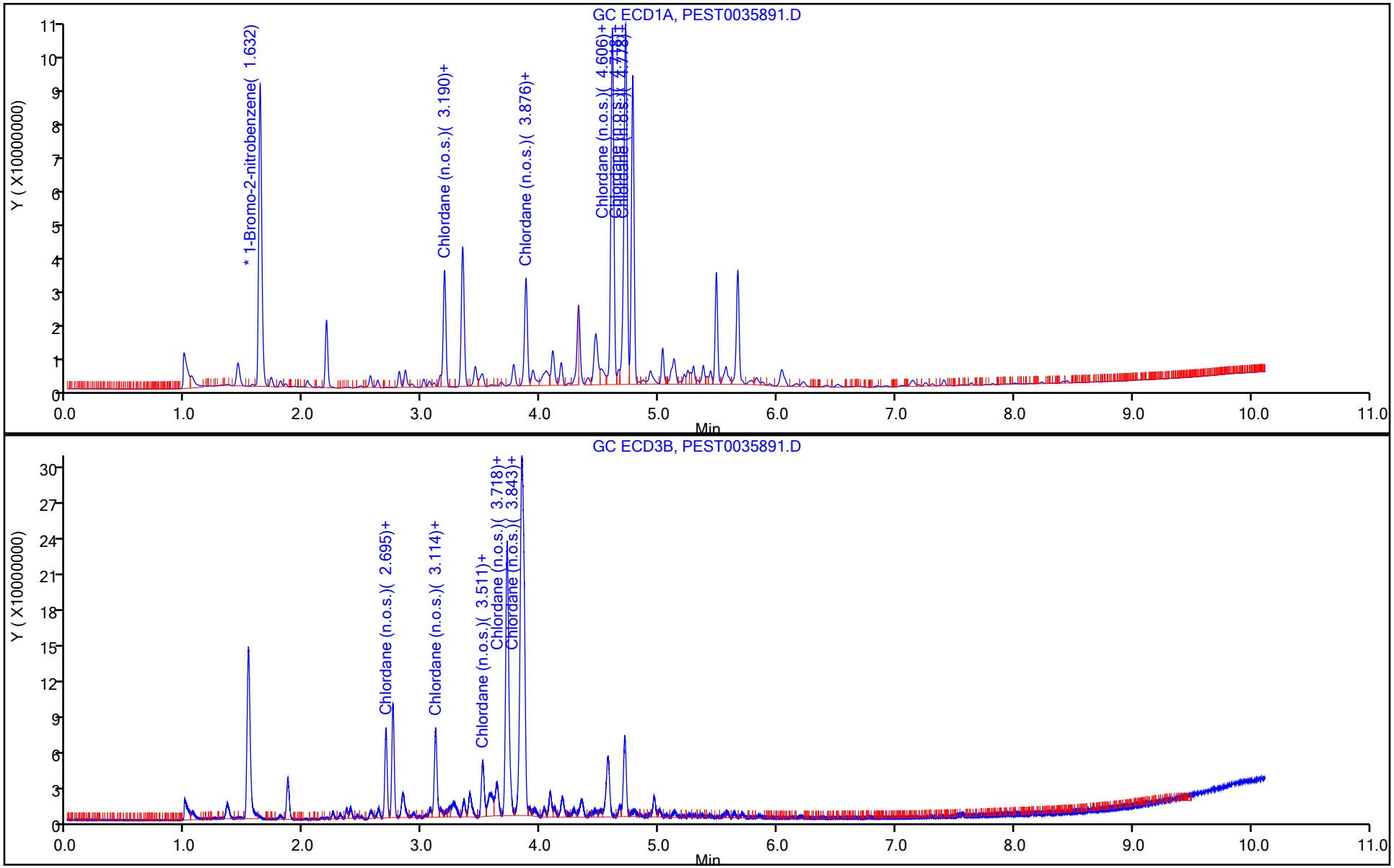
Injection Date: 18-Mar-2022 09:19:46 Instrument ID: CPESTGC12 Operator ID:

Lims ID: ICV CHLOR Worklist Smp#: 22

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 22

Method: GC8081 Limit Group: GC 8081B PEST ISTD



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICV 460-833964/22 Calibration Date: 03/18/2022 09:19

Instrument ID: CPESTGC12 Calib Start Date: 03/18/2022 06:51

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 03/18/2022 07:41

Lab File ID: PEST0035891.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlordane (n.o.s.) Peak 1	Ave	0.0380	0.0389		1030	1000	2.5	20.0
Chlordane (technical) Peak 1	Ave	0.0380	0.0389		1030	1000	2.5	20.0
Chlordane (n.o.s.) Peak 2	Ave	0.0431	0.0449		1040	1000	4.1	20.0
Chlordane (technical) Peak 2	Ave	0.0431	0.0449		1040	1000	4.1	20.0
Chlordane (n.o.s.) Peak 3	Ave	0.0282	0.0302		1070	1000	6.8	20.0
Chlordane (technical) Peak 3	Ave	0.0282	0.0302		1070	1000	6.8	20.0
Chlordane (n.o.s.) Peak 4	Ave	0.1527	0.1640		1070	1000	7.4	20.0
Chlordane (technical) Peak 4	Ave	0.1527	0.1640		1070	1000	7.4	20.0
Chlordane (n.o.s.) Peak 5	Ave	0.2615	0.2839		1090	1000	8.6	20.0
Chlordane (technical) Peak 5	Ave	0.2615	0.2839		1090	1000	8.6	20.0
Chlordane (n.o.s.)	None		0.0389		1060	1000	5.9	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICV 460-833964/22 Calibration Date: 03/18/2022 09:19

Instrument ID: CPESTGC12 Calib Start Date: 03/18/2022 06:51

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 03/18/2022 07:41

Lab File ID: PEST0035891.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (n.o.s.) Peak 1	2.70	2.68	2.70
Chlordane (technical) Peak 1	2.70	2.68	2.70
Chlordane (n.o.s.) Peak 2	3.11	3.10	3.12
Chlordane (technical) Peak 2	3.11	3.10	3.12
Chlordane (n.o.s.) Peak 3	3.51	3.50	3.52
Chlordane (technical) Peak 3	3.51	3.50	3.52
Chlordane (n.o.s.) Peak 4	3.72	3.71	3.73
Chlordane (technical) Peak 4	3.72	3.71	3.73
Chlordane (n.o.s.) Peak 5	3.84	3.83	3.85
Chlordane (technical) Peak 5	3.84	3.83	3.85
Chlordane (n.o.s.)			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035891.D
Lims ID: ICV CHLOR
Client ID:
Sample Type: ICV
Inject. Date: 18-Mar-2022 09:19:46 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0142825-022
Operator ID: Instrument ID: CPESTGC12
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Mar-2022 05:36:10 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1664

First Level Reviewer: manlangitf Date: 18-Mar-2022 09:32:43

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.632	1.630	0.002	153760553	100.0	100.0	
2	1.533	1.531	0.002	266643221	100.0	100.0	
						RPD = 0.00	
38 Chlordane (n.o.s.)							M
1	3.190	3.189	0.001	53590430	1000.0	1027.7	M
1	3.876	3.877	-0.001	53755758	1000.0	1016.0	M
1	4.606	4.607	-0.001	183821533	1000.0	1067.5	M
1	4.718	4.718	0.000	200606474	1000.0	1059.4	M
1	4.778	4.779	-0.001	140640022	1000.0	1054.5	M
		Average of Peak Amounts =				1045.0	
2	2.695	2.693	0.002	103800837	1000.0	1025.5	
2	3.114	3.113	0.001	119640414	1000.0	1040.8	
2	3.511	3.510	0.001	80417489	1000.0	1067.7	
2	3.718	3.716	0.002	437240838	1000.0	1073.6	
2	3.843	3.842	0.001	757085473	1000.0	1085.9	
		Average of Peak Amounts =				1058.7	
						RPD = 1.30	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Chlordane (technical)							M
1	3.190	3.189	0.001	53590430	1000.0	1027.7	M
1	3.876	3.877	-0.001	53755758	1000.0	1016.0	M
1	4.606	4.607	-0.001	183821533	1000.0	1067.5	M
1	4.718	4.718	0.000	200606474	1000.0	1059.4	M
1	4.778	4.779	-0.001	140640022	1000.0	1054.5	M
		Average of Peak Amounts =				1045.0	
2	2.695	2.693	0.002	103800837	1000.0	1025.5	
2	3.114	3.113	0.001	119640414	1000.0	1040.8	
2	3.511	3.510	0.001	80417489	1000.0	1067.7	
2	3.718	3.716	0.002	437240838	1000.0	1073.6	
2	3.843	3.842	0.001	757085473	1000.0	1085.9	
		Average of Peak Amounts =				1058.7	
						RPD = 1.30	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

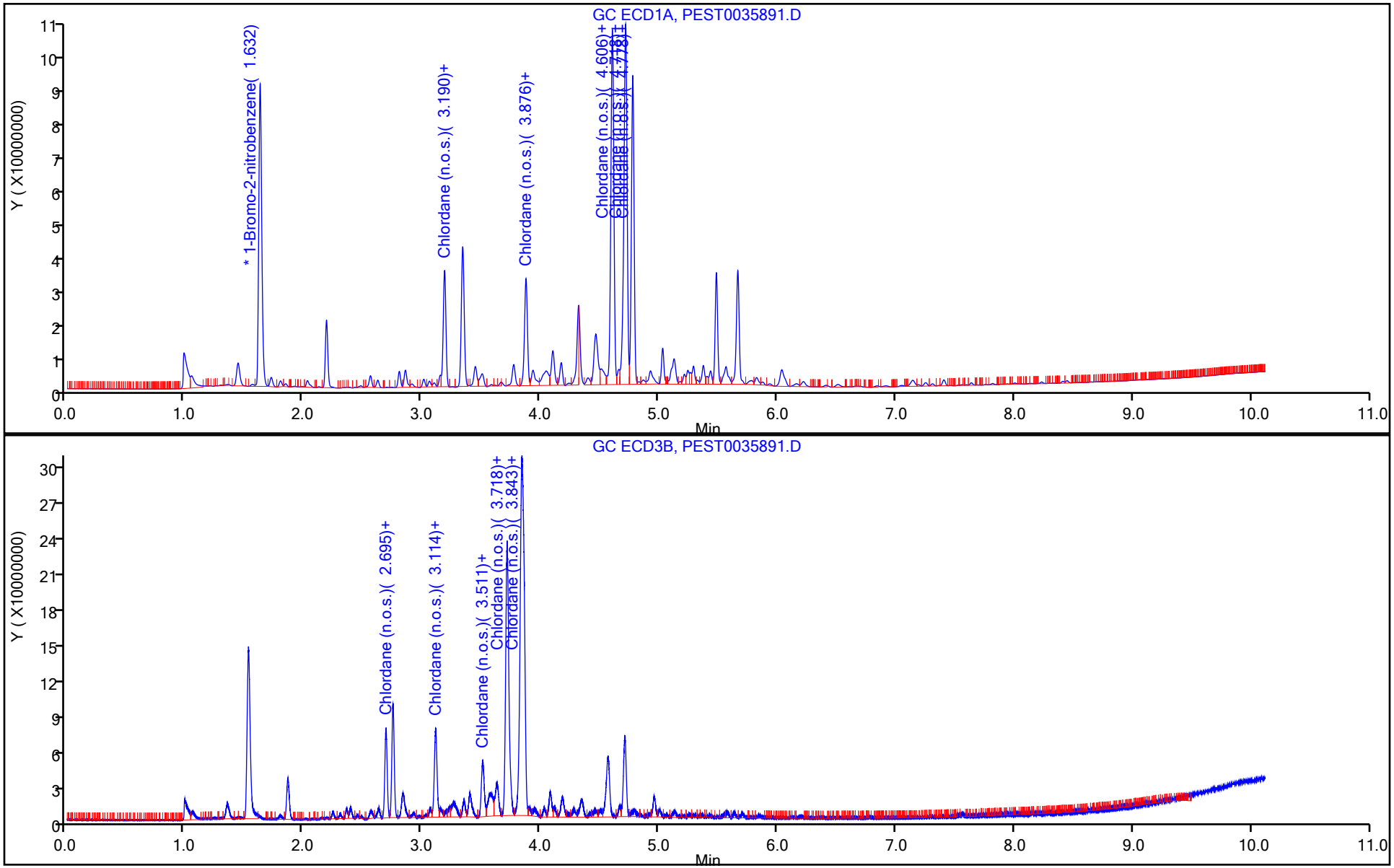
SGCHLOR ICV_00007	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 22-Mar-2022 05:38:10 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035891.D

Injection Date:	18-Mar-2022 09:19:46	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	ICV CHLOR			Worklist Smp#:	22
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Lab Sample ID: CCVIS 460-842342/3 | Calibration Date: 05/02/2022 03:54

Instrument ID: CPESTGC12 | Calib Start Date: 03/18/2022 05:25

GC Column: CLP-2 ID: 0.53(mm) | Calib End Date: 03/18/2022 06:15

Lab File ID: PEST0037259.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.550	1.470		94.8	100	-5.2	20.0
gamma-BHC (Lindane)	Ave	1.418	1.293		91.1	100	-8.9	20.0
beta-BHC	Ave	0.5552	0.5516		99.3	100	-0.7	20.0
delta-BHC	Ave	1.348	1.229		91.2	100	-8.8	20.0
Heptachlor	Ave	1.153	1.222		106	100	5.9	20.0
Aldrin	Ave	1.268	1.174		92.6	100	-7.4	20.0
Heptachlor epoxide	Ave	1.145	1.042		91.0	100	-9.0	20.0
trans-Chlordane	Ave	1.126	1.027		91.2	100	-8.8	20.0
cis-Chlordane	Ave	1.103	0.9778		88.6	100	-11.4	20.0
Endosulfan I	Ave	1.046	0.9410		90.0	100	-10.0	20.0
4,4'-DDE	Ave	1.118	1.050		94.0	100	-6.0	20.0
Dieldrin	Ave	1.185	1.115		94.1	100	-5.9	20.0
Endrin	Ave	0.9556	1.111		116	100	16.3	20.0
4,4'-DDD	Ave	0.9694	0.9252		95.4	100	-4.6	20.0
Endosulfan II	Lin		0.9927		103	100	3.0	20.0
4,4'-DDT	Ave	0.7714	0.8831		114	100	14.5	20.0
Endrin aldehyde	Ave	0.8699	0.7497		86.2	100	-13.8	20.0
Endosulfan sulfate	Ave	0.9000	0.9011		100	100	0.1	20.0
Methoxychlor	Ave	0.4239	0.5166		122	100	21.9*	20.0
Mirex	Ave	0.7800	0.7609		97.6	100	-2.4	20.0
Endrin ketone	Ave	1.130	1.001		88.6	100	-11.4	20.0
Tetrachloro-m-xylene	Ave	1.084	1.082		99.8	100	-0.2	20.0
DCB Decachlorobiphenyl	Ave	0.7948	0.7937		99.9	100	-0.1	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: CCVIS 460-842342/3 Calibration Date: 05/02/2022 03:54

Instrument ID: CPESTGC12 Calib Start Date: 03/18/2022 05:25

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/18/2022 06:15

Lab File ID: PEST0037259.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.61	2.60	2.62
gamma-BHC (Lindane)	2.92	2.91	2.93
beta-BHC	2.97	2.96	2.98
delta-BHC	3.27	3.26	3.28
Heptachlor	3.37	3.36	3.38
Aldrin	3.75	3.74	3.76
Heptachlor epoxide	4.40	4.39	4.41
trans-Chlordane	4.64	4.63	4.65
cis-Chlordane	4.81	4.80	4.82
Endosulfan I	4.87	4.86	4.88
4,4'-DDE	4.98	4.97	4.99
Dieldrin	5.14	5.13	5.15
Endrin	5.43	5.42	5.44
4,4'-DDD	5.54	5.53	5.55
Endosulfan II	5.64	5.63	5.65
4,4'-DDT	5.90	5.89	5.91
Endrin aldehyde	6.04	6.03	6.05
Endosulfan sulfate	6.44	6.43	6.45
Methoxychlor	7.00	6.99	7.01
Mirex	7.19	7.18	7.20
Endrin ketone	7.27	7.26	7.28
Tetrachloro-m-xylene	2.17	2.16	2.18
DCB Decachlorobiphenyl	8.45	8.44	8.46

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037259.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 02-May-2022 03:54:13 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144751-003
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-May-2022 06:51:02 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1671

First Level Reviewer: manlangitf Date: 02-May-2022 04:18:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.635	1.635	0.000	195531400	100.0	100.0	
2	1.541	1.541	0.000	254959754	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.169	2.169	0.000	211498964	100.0	99.8	
2	1.903	1.903	0.000	335960930	100.0	112.8	
						RPD = 12.28	
15 alpha-BHC							a
1	2.611	2.611	0.000	287448164	100.0	94.8	a
2	2.219	2.219	0.000	440547302	100.0	99.4	a
						RPD = 4.65	
2 gamma-BHC (Lindane)							a
1	2.915	2.915	0.000	252760559	100.0	91.1	a
2	2.421	2.421	0.000	394628500	100.0	95.1	a
						RPD = 4.21	
6 beta-BHC							a
1	2.973	2.973	0.000	107850331	100.0	99.3	a
2	2.473	2.473	0.000	163609150	100.0	104.8	a
						RPD = 5.33	
32 delta-BHC							a
1	3.272	3.272	0.000	240265616	100.0	91.2	a
2	2.602	2.602	0.000	375806386	100.0	96.8	a
						RPD = 5.98	
18 Heptachlor							a
1	3.366	3.366	0.000	238889227	100.0	105.9	a
2	2.761	2.761	0.000	373610439	100.0	106.7	a
						RPD = 0.73	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							a
1	3.747	3.747	0.000	229517594	100.0	92.6	a
2	3.010	3.010	0.000	374890037	100.0	95.6	a
						RPD = 3.20	
12 Heptachlor epoxide							a
1	4.401	4.401	0.000	203820698	100.0	91.0	a
2	3.597	3.597	0.000	342945197	100.0	96.7	a
						RPD = 6.05	
9 trans-Chlordane							a
1	4.637	4.637	0.000	200783173	100.0	91.2	a
2	3.732	3.732	0.000	352126500	100.0	96.7	a
						RPD = 5.83	
23 cis-Chlordane							a
1	4.806	4.806	0.000	191199628	100.0	88.6	a
2	3.875	3.875	0.000	333164820	100.0	96.1	a
						RPD = 8.06	
7 Endosulfan I							a
1	4.871	4.871	0.000	184000375	100.0	90.0	a
2	4.027	4.027	0.000	319295836	100.0	99.0	a
						RPD = 9.54	
25 4,4'-DDE							a
1	4.975	4.975	0.000	205307249	100.0	94.0	a
2	3.954	3.954	0.000	337850818	100.0	94.0	a
						RPD = 0.10	
30 Dieldrin							a
1	5.143	5.143	0.000	217982401	100.0	94.1	a
2	4.283	4.283	0.000	355851920	100.0	97.6	a
						RPD = 3.66	
20 Endrin							
1	5.428	5.428	0.000	217243366	100.0	116.3	
2	4.552	4.552	0.000	344513743	100.0	119.0	
						RPD = 2.34	
16 4,4'-DDD							
1	5.542	5.542	0.000	180901295	100.0	95.4	
2	4.634	4.634	0.000	290349583	100.0	97.6	
						RPD = 2.24	
11 Endosulfan II							a
1	5.640	5.640	0.000	194107450	100.0	103.0	a
2	4.803	4.803	0.000	291145353	100.0	102.3	a
						RPD = 0.67	
21 4,4'-DDT							a
1	5.901	5.901	0.000	172680825	100.0	114.5	a
2	4.933	4.933	0.000	289919194	100.0	116.6	a
						RPD = 1.81	
5 Endrin aldehyde							a
1	6.040	6.040	0.000	146585571	100.0	86.2	a
2	5.209	5.209	0.000	233691353	100.0	94.4	a
						RPD = 9.06	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							a
1	6.436	6.436	0.000	176191354	100.0	100.1	a
2	5.615	5.615	0.000	243733977	100.0	91.9	a
						RPD = 8.52	
10 Methoxychlor							a
1	6.999	6.999	0.000	101008437	100.0	121.9	a
2	5.401	5.401	0.000	154058611	100.0	118.2	a
						RPD = 3.07	
34 Mirex							a
1	7.189	7.189	0.000	148784991	100.0	97.6	a
2	5.485	5.485	0.000	218424083	100.0	98.1	a
						RPD = 0.57	
13 Endrin ketone							a
1	7.266	7.266	0.000	195757672	100.0	88.6	a
2	5.911	5.911	0.000	311853137	100.0	92.1	a
						RPD = 3.86	
$ 24 DCB Decachlorobiphenyl							a
1	8.445	8.445	0.000	155185436	100.0	99.9	a
2	7.441	7.441	0.000	274605036	100.0	96.1	a
						RPD = 3.85	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

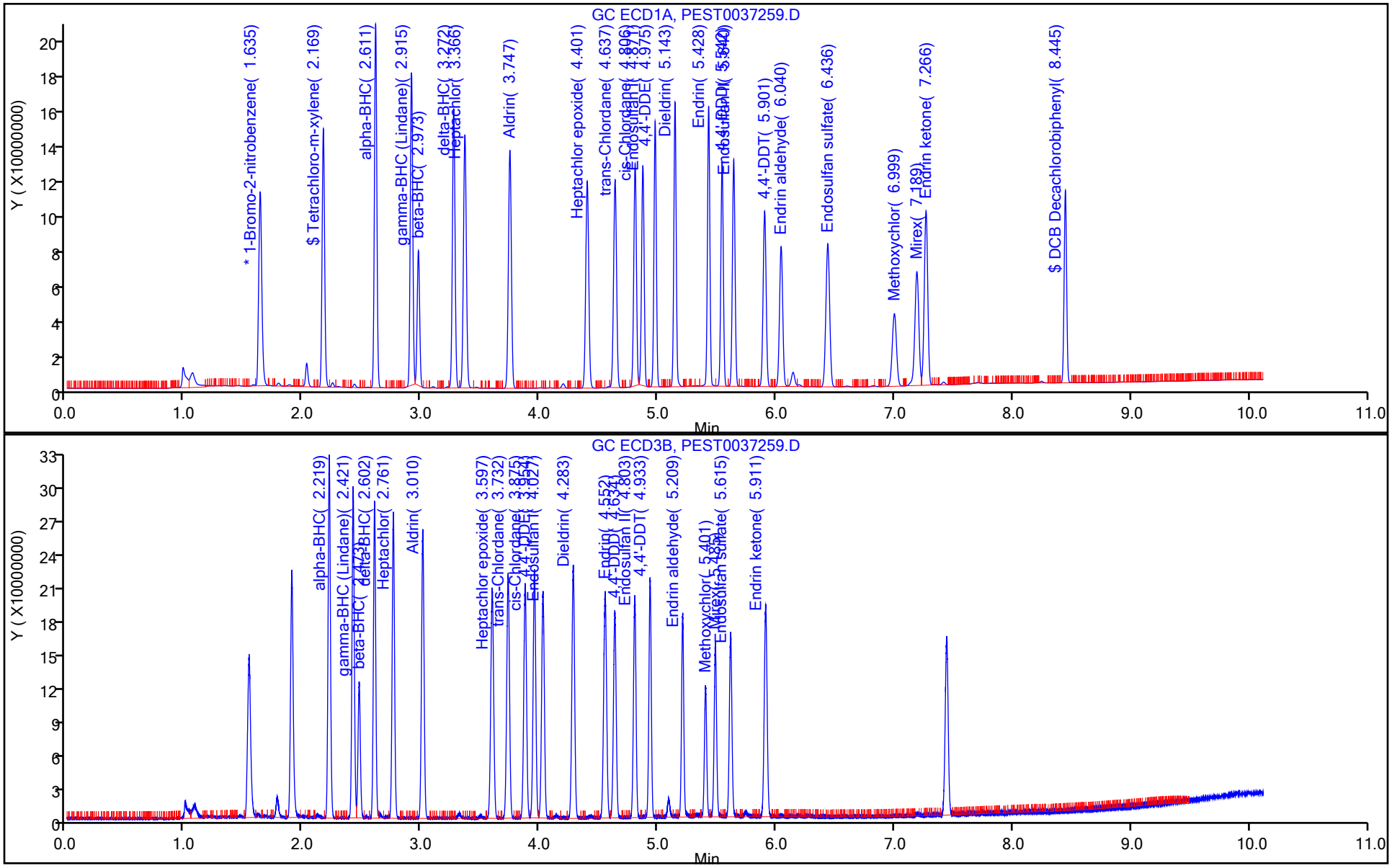
SGPESTL3_00041	Amount Added: 1.00	Units: mL	
SGPESTISTD_00018	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 02-May-2022 06:51:04 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037259.D

Injection Date:	02-May-2022 03:54:13	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: CCVIS 460-842342/3 Calibration Date: 05/02/2022 03:54

Instrument ID: CPESTGC12 Calib Start Date: 03/18/2022 05:25

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 03/18/2022 06:15

Lab File ID: PEST0037259.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.739	1.728		99.4	100	-0.6	20.0
gamma-BHC (Lindane)	Ave	1.628	1.548		95.1	100	-4.9	20.0
beta-BHC	Ave	0.6124	0.6417		105	100	4.8	20.0
delta-BHC	Ave	1.523	1.474		96.8	100	-3.2	20.0
Heptachlor	Ave	1.373	1.465		107	100	6.7	20.0
Aldrin	Ave	1.538	1.470		95.6	100	-4.4	20.0
Heptachlor epoxide	Ave	1.391	1.345		96.7	100	-3.3	20.0
trans-Chlordane	Ave	1.428	1.381		96.7	100	-3.3	20.0
cis-Chlordane	Ave	1.360	1.307		96.1	100	-3.9	20.0
4,4'-DDE	Ave	1.409	1.325		94.0	100	-6.0	20.0
Endosulfan I	Ave	1.265	1.252		99.0	100	-1.0	20.0
Dieldrin	Ave	1.430	1.396		97.6	100	-2.4	20.0
Endrin	Ave	1.135	1.351		119	100	19.0	20.0
4,4'-DDD	Ave	1.167	1.139		97.6	100	-2.4	20.0
Endosulfan II	Lin		1.142		102	100	2.3	20.0
4,4'-DDT	Ave	0.9754	1.137		117	100	16.6	20.0
Endrin aldehyde	Lin		0.9166		94.4	100	-5.6	20.0
Methoxychlor	Ave	0.5113	0.6042		118	100	18.2	20.0
Mirex	Lin		0.8567		98.1	100	-1.9	20.0
Endosulfan sulfate	Ave	1.040	0.9560		91.9	100	-8.1	20.0
Endrin ketone	Ave	1.328	1.223		92.1	100	-7.9	20.0
Tetrachloro-m-xylene	Ave	1.168	1.318		113	100	12.8	20.0
DCB Decachlorobiphenyl	Ave	1.121	1.077		96.1	100	-3.9	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: CCVIS 460-842342/3 Calibration Date: 05/02/2022 03:54

Instrument ID: CPESTGC12 Calib Start Date: 03/18/2022 05:25

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 03/18/2022 06:15

Lab File ID: PEST0037259.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.22	2.21	2.23
gamma-BHC (Lindane)	2.42	2.41	2.43
beta-BHC	2.47	2.46	2.48
delta-BHC	2.60	2.59	2.61
Heptachlor	2.76	2.75	2.77
Aldrin	3.01	3.00	3.02
Heptachlor epoxide	3.60	3.59	3.61
trans-Chlordane	3.73	3.72	3.74
cis-Chlordane	3.88	3.87	3.89
4,4'-DDE	3.95	3.94	3.96
Endosulfan I	4.03	4.02	4.04
Dieldrin	4.28	4.27	4.29
Endrin	4.55	4.54	4.56
4,4'-DDD	4.63	4.62	4.64
Endosulfan II	4.80	4.79	4.81
4,4'-DDT	4.93	4.92	4.94
Endrin aldehyde	5.21	5.20	5.22
Methoxychlor	5.40	5.39	5.41
Mirex	5.49	5.48	5.50
Endosulfan sulfate	5.62	5.61	5.63
Endrin ketone	5.91	5.90	5.92
Tetrachloro-m-xylene	1.90	1.89	1.91
DCB Decachlorobiphenyl	7.44	7.43	7.45

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037259.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 02-May-2022 03:54:13 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144751-003
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-May-2022 06:51:02 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1671

First Level Reviewer: manlangitf Date: 02-May-2022 04:18:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.635	1.635	0.000	195531400	100.0	100.0	
2	1.541	1.541	0.000	254959754	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.169	2.169	0.000	211498964	100.0	99.8	
2	1.903	1.903	0.000	335960930	100.0	112.8	
						RPD = 12.28	
15 alpha-BHC							a
1	2.611	2.611	0.000	287448164	100.0	94.8	a
2	2.219	2.219	0.000	440547302	100.0	99.4	a
						RPD = 4.65	
2 gamma-BHC (Lindane)							a
1	2.915	2.915	0.000	252760559	100.0	91.1	a
2	2.421	2.421	0.000	394628500	100.0	95.1	a
						RPD = 4.21	
6 beta-BHC							a
1	2.973	2.973	0.000	107850331	100.0	99.3	a
2	2.473	2.473	0.000	163609150	100.0	104.8	a
						RPD = 5.33	
32 delta-BHC							a
1	3.272	3.272	0.000	240265616	100.0	91.2	a
2	2.602	2.602	0.000	375806386	100.0	96.8	a
						RPD = 5.98	
18 Heptachlor							a
1	3.366	3.366	0.000	238889227	100.0	105.9	a
2	2.761	2.761	0.000	373610439	100.0	106.7	a
						RPD = 0.73	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							a
1	3.747	3.747	0.000	229517594	100.0	92.6	a
2	3.010	3.010	0.000	374890037	100.0	95.6	a
						RPD = 3.20	
12 Heptachlor epoxide							a
1	4.401	4.401	0.000	203820698	100.0	91.0	a
2	3.597	3.597	0.000	342945197	100.0	96.7	a
						RPD = 6.05	
9 trans-Chlordane							a
1	4.637	4.637	0.000	200783173	100.0	91.2	a
2	3.732	3.732	0.000	352126500	100.0	96.7	a
						RPD = 5.83	
23 cis-Chlordane							a
1	4.806	4.806	0.000	191199628	100.0	88.6	a
2	3.875	3.875	0.000	333164820	100.0	96.1	a
						RPD = 8.06	
7 Endosulfan I							a
1	4.871	4.871	0.000	184000375	100.0	90.0	a
2	4.027	4.027	0.000	319295836	100.0	99.0	a
						RPD = 9.54	
25 4,4'-DDE							a
1	4.975	4.975	0.000	205307249	100.0	94.0	a
2	3.954	3.954	0.000	337850818	100.0	94.0	a
						RPD = 0.10	
30 Dieldrin							a
1	5.143	5.143	0.000	217982401	100.0	94.1	a
2	4.283	4.283	0.000	355851920	100.0	97.6	a
						RPD = 3.66	
20 Endrin							
1	5.428	5.428	0.000	217243366	100.0	116.3	
2	4.552	4.552	0.000	344513743	100.0	119.0	
						RPD = 2.34	
16 4,4'-DDD							
1	5.542	5.542	0.000	180901295	100.0	95.4	
2	4.634	4.634	0.000	290349583	100.0	97.6	
						RPD = 2.24	
11 Endosulfan II							a
1	5.640	5.640	0.000	194107450	100.0	103.0	a
2	4.803	4.803	0.000	291145353	100.0	102.3	a
						RPD = 0.67	
21 4,4'-DDT							a
1	5.901	5.901	0.000	172680825	100.0	114.5	a
2	4.933	4.933	0.000	289919194	100.0	116.6	a
						RPD = 1.81	
5 Endrin aldehyde							a
1	6.040	6.040	0.000	146585571	100.0	86.2	a
2	5.209	5.209	0.000	233691353	100.0	94.4	a
						RPD = 9.06	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							a
1	6.436	6.436	0.000	176191354	100.0	100.1	a
2	5.615	5.615	0.000	243733977	100.0	91.9	a
						RPD = 8.52	
10 Methoxychlor							a
1	6.999	6.999	0.000	101008437	100.0	121.9	a
2	5.401	5.401	0.000	154058611	100.0	118.2	a
						RPD = 3.07	
34 Mirex							a
1	7.189	7.189	0.000	148784991	100.0	97.6	a
2	5.485	5.485	0.000	218424083	100.0	98.1	a
						RPD = 0.57	
13 Endrin ketone							a
1	7.266	7.266	0.000	195757672	100.0	88.6	a
2	5.911	5.911	0.000	311853137	100.0	92.1	a
						RPD = 3.86	
$ 24 DCB Decachlorobiphenyl							a
1	8.445	8.445	0.000	155185436	100.0	99.9	a
2	7.441	7.441	0.000	274605036	100.0	96.1	a
						RPD = 3.85	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

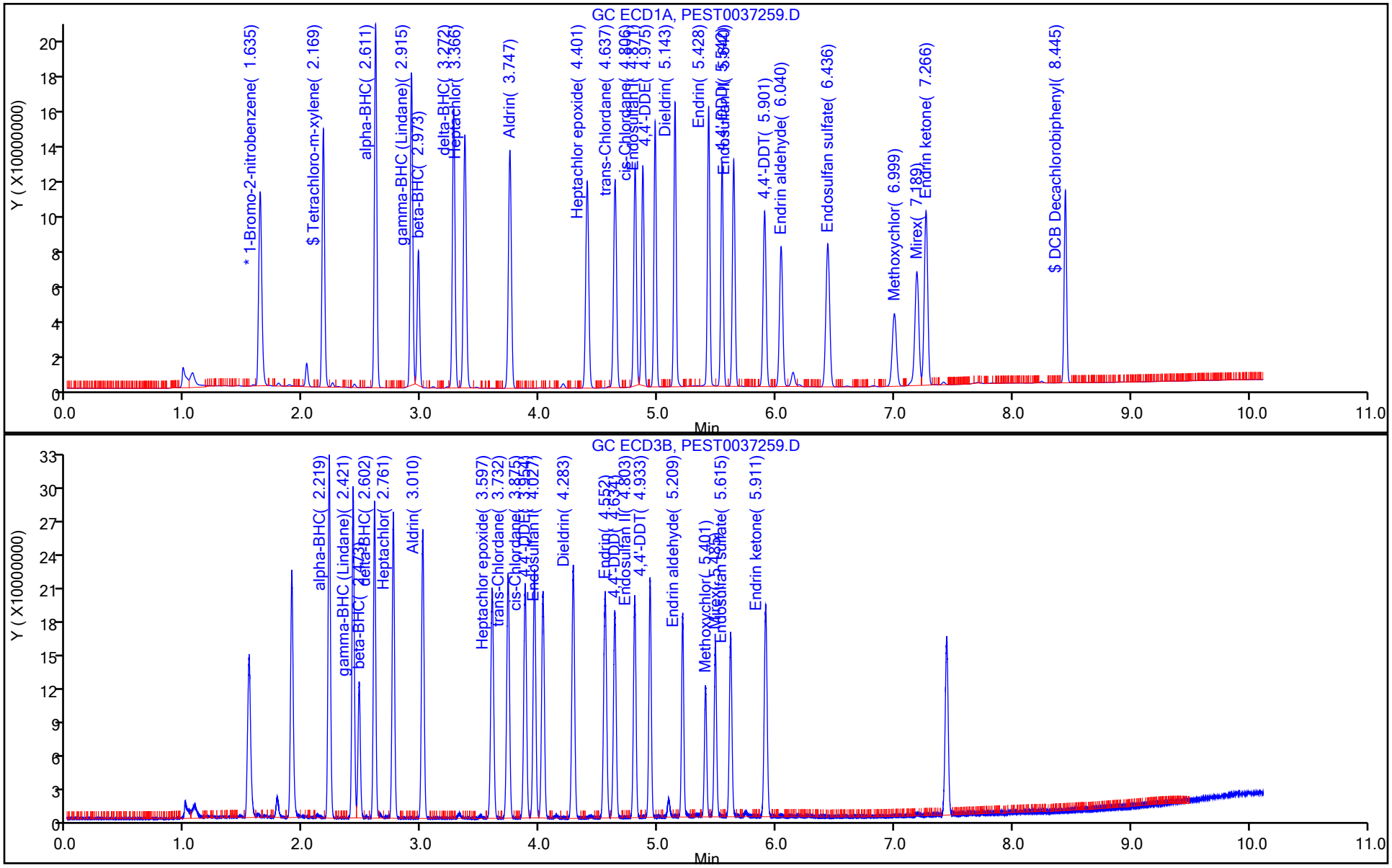
SGPESTL3_00041	Amount Added: 1.00	Units: mL	
SGPESTISTD_00018	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 02-May-2022 06:51:05 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037259.D

Injection Date:	02-May-2022 03:54:13	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Lab Sample ID: CCV 460-842342/4 | Calibration Date: 05/02/2022 04:06

Instrument ID: CPESTGC12 | Calib Start Date: 03/18/2022 06:51

GC Column: CLP-2 ID: 0.53(mm) | Calib End Date: 03/18/2022 07:41

Lab File ID: PEST0037260.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlordane (n.o.s.) Peak 1	Ave	0.0339	0.0324		957	1000	-4.3	20.0
Chlordane (technical) Peak 1	Ave	0.0339	0.0324		957	1000	-4.3	20.0
Chlordane (n.o.s.) Peak 2	Ave	0.0344	0.0348		1010	1000	1.1	20.0
Chlordane (technical) Peak 2	Ave	0.0344	0.0348		1010	1000	1.1	20.0
Chlordane (n.o.s.) Peak 3	Ave	0.1120	0.1145		1020	1000	2.2	20.0
Chlordane (technical) Peak 3	Ave	0.1120	0.1145		1020	1000	2.2	20.0
Chlordane (n.o.s.) Peak 4	Ave	0.1232	0.1273		1030	1000	3.3	20.0
Chlordane (technical) Peak 4	Ave	0.1232	0.1273		1030	1000	3.3	20.0
Chlordane (n.o.s.) Peak 5	Ave	0.0867	0.0889		1020	1000	2.5	20.0
Chlordane (technical) Peak 5	Ave	0.0867	0.0889		1020	1000	2.5	20.0
Chlordane (n.o.s.)	None		0.0324		1010	1000	1.0	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: CCV 460-842342/4 Calibration Date: 05/02/2022 04:06

Instrument ID: CPESTGC12 Calib Start Date: 03/18/2022 06:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/18/2022 07:41

Lab File ID: PEST0037260.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (n.o.s.) Peak 1	3.21	3.20	3.22
Chlordane (technical) Peak 1	3.21	3.20	3.22
Chlordane (n.o.s.) Peak 2	3.90	3.89	3.91
Chlordane (technical) Peak 2	3.90	3.89	3.91
Chlordane (n.o.s.) Peak 3	4.64	4.63	4.65
Chlordane (technical) Peak 3	4.64	4.63	4.65
Chlordane (n.o.s.) Peak 4	4.75	4.74	4.76
Chlordane (technical) Peak 4	4.75	4.74	4.76
Chlordane (n.o.s.) Peak 5	4.81	4.80	4.82
Chlordane (technical) Peak 5	4.81	4.80	4.82
Chlordane (n.o.s.)			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037260.D
Lims ID: CCV CHLOR
Client ID:
Sample Type: CCV
Inject. Date: 02-May-2022 04:06:28 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144751-004
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-May-2022 06:51:17 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1671

First Level Reviewer: manlangitf Date: 02-May-2022 04:20:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.635	1.635	0.000	244579313	100.0	100.0	
2	1.538	1.538	0.000	348476225	100.0	100.0	
						RPD = 0.00	
31 Chlordane (technical)							M
1	3.211	3.211	0.000	79340330	1000.0	956.5	M
1	3.903	3.903	0.000	85102501	1000.0	1011.2	M
1	4.637	4.637	0.000	279922622	1000.0	1022.0	M
1	4.748	4.748	0.000	311261436	1000.0	1033.4	M
1	4.807	4.807	0.000	217394759	1000.0	1024.7	M
		Average of Peak Amounts =				1009.6	
2	2.699	2.699	0.000	124344909	1000.0	940.0	M
2	3.124	3.124	0.000	142451969	1000.0	948.2	M
2	3.523	3.523	0.000	96156544	1000.0	976.9	M
2	3.730	3.730	0.000	537379220	1000.0	1009.6	M
2	3.857	3.857	0.000	921883644	1000.0	1011.8	M
		Average of Peak Amounts =				977.3	
						RPD = 3.25	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 Chlordane (n.o.s.)							M
1	3.211	3.211	0.000	79340330	1000.0	956.5	M
1	3.903	3.903	0.000	85102501	1000.0	1011.2	M
1	4.637	4.637	0.000	279922622	1000.0	1022.0	M
1	4.748	4.748	0.000	311261436	1000.0	1033.4	M
1	4.807	4.807	0.000	217394759	1000.0	1024.7	M
		Average of Peak Amounts =				1009.6	
2	2.699	2.699	0.000	124344909	1000.0	940.0	M
2	3.124	3.124	0.000	142451969	1000.0	948.2	M
2	3.523	3.523	0.000	96156544	1000.0	976.9	M
2	3.730	3.730	0.000	537379220	1000.0	1009.6	M
2	3.857	3.857	0.000	921883644	1000.0	1011.8	M
		Average of Peak Amounts =				977.3	
						RPD = 3.25	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

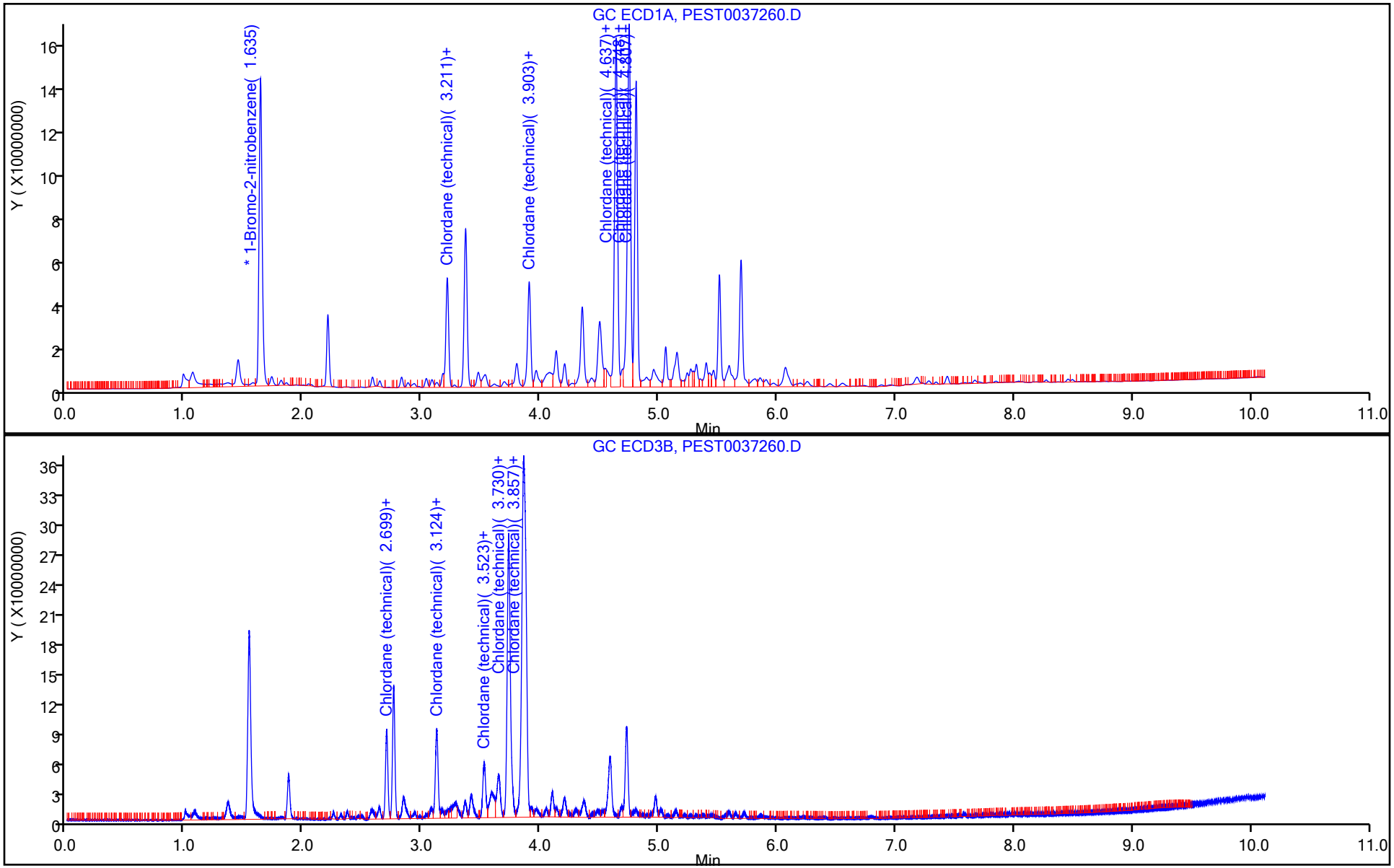
SGCHLORDANEL4_00009	Amount Added: 1.00	Units: mL	
SGPESTISTD_00018	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 02-May-2022 06:51:18 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037260.D

Injection Date:	02-May-2022 04:06:28	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	CCV CHLOR			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: CCV 460-842342/4 Calibration Date: 05/02/2022 04:06

Instrument ID: CPESTGC12 Calib Start Date: 03/18/2022 06:51

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 03/18/2022 07:41

Lab File ID: PEST0037260.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlordane (n.o.s.) Peak 1	Ave	0.0380	0.0357		940	1000	-6.0	20.0
Chlordane (technical) Peak 1	Ave	0.0380	0.0357		940	1000	-6.0	20.0
Chlordane (n.o.s.) Peak 2	Ave	0.0431	0.0409		948	1000	-5.2	20.0
Chlordane (technical) Peak 2	Ave	0.0431	0.0409		948	1000	-5.2	20.0
Chlordane (n.o.s.) Peak 3	Ave	0.0282	0.0276		977	1000	-2.3	20.0
Chlordane (technical) Peak 3	Ave	0.0282	0.0276		977	1000	-2.3	20.0
Chlordane (n.o.s.) Peak 4	Ave	0.1527	0.1542		1010	1000	1.0	20.0
Chlordane (technical) Peak 4	Ave	0.1527	0.1542		1010	1000	1.0	20.0
Chlordane (n.o.s.) Peak 5	Ave	0.2615	0.2645		1010	1000	1.2	20.0
Chlordane (technical) Peak 5	Ave	0.2615	0.2645		1010	1000	1.2	20.0
Chlordane (n.o.s.)	None		0.0357		977	1000	-2.3	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: CCV 460-842342/4 Calibration Date: 05/02/2022 04:06

Instrument ID: CPESTGC12 Calib Start Date: 03/18/2022 06:51

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 03/18/2022 07:41

Lab File ID: PEST0037260.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (n.o.s.) Peak 1	2.70	2.69	2.71
Chlordane (technical) Peak 1	2.70	2.69	2.71
Chlordane (n.o.s.) Peak 2	3.12	3.11	3.13
Chlordane (technical) Peak 2	3.12	3.11	3.13
Chlordane (n.o.s.) Peak 3	3.52	3.51	3.53
Chlordane (technical) Peak 3	3.52	3.51	3.53
Chlordane (n.o.s.) Peak 4	3.73	3.72	3.74
Chlordane (technical) Peak 4	3.73	3.72	3.74
Chlordane (n.o.s.) Peak 5	3.86	3.85	3.87
Chlordane (technical) Peak 5	3.86	3.85	3.87
Chlordane (n.o.s.)			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037260.D
Lims ID: CCV CHLOR
Client ID:
Sample Type: CCV
Inject. Date: 02-May-2022 04:06:28 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144751-004
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-May-2022 06:51:17 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1671

First Level Reviewer: manlangitf Date: 02-May-2022 04:20:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.635	1.635	0.000	244579313	100.0	100.0	
2	1.538	1.538	0.000	348476225	100.0	100.0	
						RPD = 0.00	
31 Chlordane (technical)							M
1	3.211	3.211	0.000	79340330	1000.0	956.5	M
1	3.903	3.903	0.000	85102501	1000.0	1011.2	M
1	4.637	4.637	0.000	279922622	1000.0	1022.0	M
1	4.748	4.748	0.000	311261436	1000.0	1033.4	M
1	4.807	4.807	0.000	217394759	1000.0	1024.7	M
		Average of Peak Amounts =				1009.6	
2	2.699	2.699	0.000	124344909	1000.0	940.0	M
2	3.124	3.124	0.000	142451969	1000.0	948.2	M
2	3.523	3.523	0.000	96156544	1000.0	976.9	M
2	3.730	3.730	0.000	537379220	1000.0	1009.6	M
2	3.857	3.857	0.000	921883644	1000.0	1011.8	M
		Average of Peak Amounts =				977.3	
						RPD = 3.25	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 Chlordane (n.o.s.)							M
1	3.211	3.211	0.000	79340330	1000.0	956.5	M
1	3.903	3.903	0.000	85102501	1000.0	1011.2	M
1	4.637	4.637	0.000	279922622	1000.0	1022.0	M
1	4.748	4.748	0.000	311261436	1000.0	1033.4	M
1	4.807	4.807	0.000	217394759	1000.0	1024.7	M
		Average of Peak Amounts =				1009.6	
2	2.699	2.699	0.000	124344909	1000.0	940.0	M
2	3.124	3.124	0.000	142451969	1000.0	948.2	M
2	3.523	3.523	0.000	96156544	1000.0	976.9	M
2	3.730	3.730	0.000	537379220	1000.0	1009.6	M
2	3.857	3.857	0.000	921883644	1000.0	1011.8	M
		Average of Peak Amounts =				977.3	
						RPD = 3.25	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

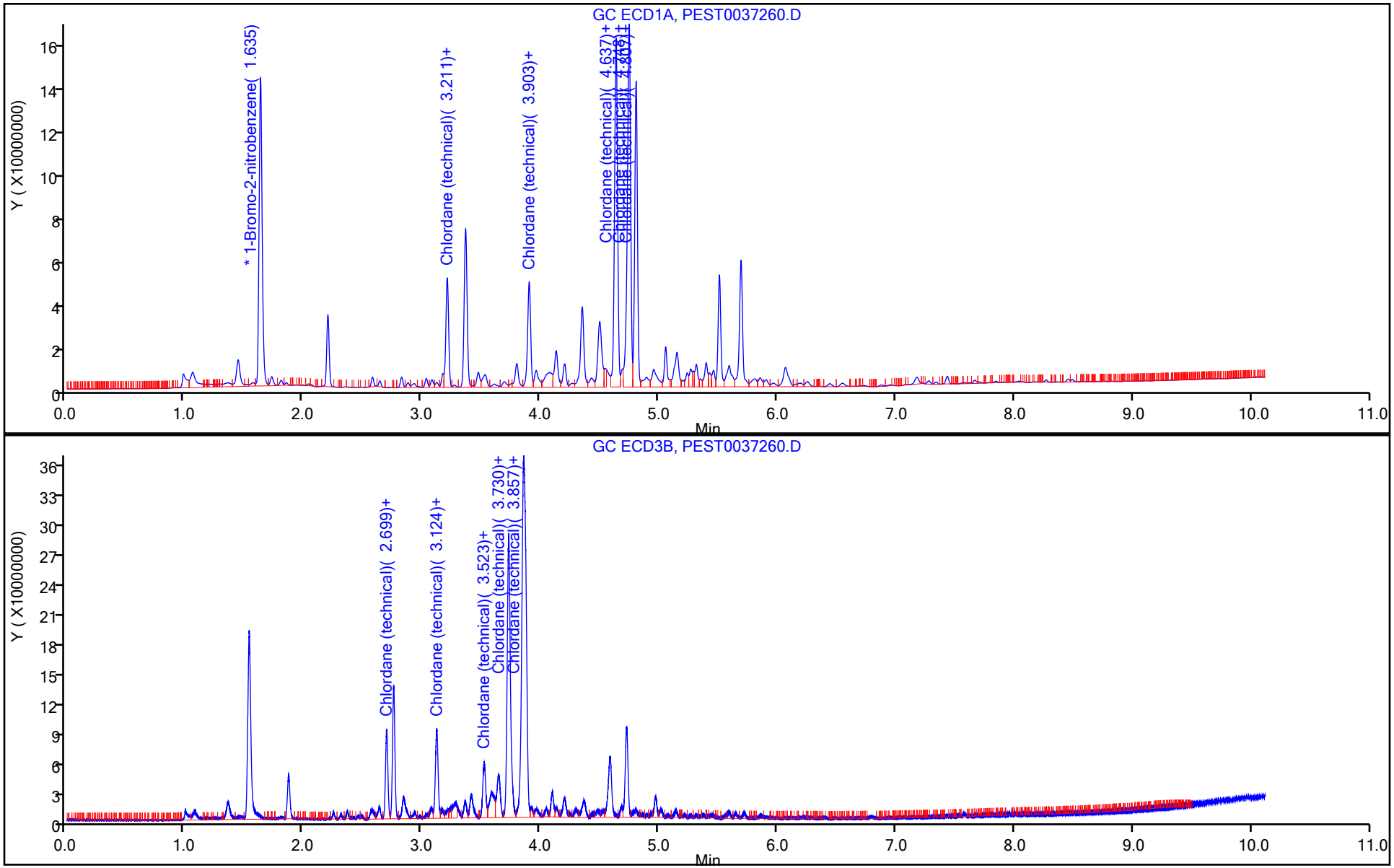
SGCHLORDANEL4_00009	Amount Added: 1.00	Units: mL	
SGPESTISTD_00018	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 02-May-2022 06:51:19 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037260.D

Injection Date:	02-May-2022 04:06:28	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	CCV CHLOR			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: CCV 460-842342/5 Calibration Date: 05/02/2022 04:18

Instrument ID: CPESTGC12 Calib Start Date: 03/18/2022 08:05

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/18/2022 08:55

Lab File ID: PEST0037261.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	0.0271	0.0242		895	1000	-10.5	20.0
Toxaphene Peak 2	Ave	0.0364	0.0341		936	1000	-6.4	20.0
Toxaphene Peak 3	Ave	0.0660	0.0619		938	1000	-6.2	20.0
Toxaphene Peak 4	Ave	0.0386	0.0364		942	1000	-5.8	20.0
Toxaphene Peak 5	Ave	0.0321	0.0305		950	1000	-5.0	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: CCV 460-842342/5 Calibration Date: 05/02/2022 04:18

Instrument ID: CPESTGC12 Calib Start Date: 03/18/2022 08:05

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/18/2022 08:55

Lab File ID: PEST0037261.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	5.12	5.11	5.13
Toxaphene Peak 2	5.63	5.62	5.64
Toxaphene Peak 3	5.74	5.73	5.75
Toxaphene Peak 4	6.06	6.05	6.07
Toxaphene Peak 5	6.82	6.81	6.83

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037261.D
Lims ID: CCV TOX
Client ID:
Sample Type: CCV
Inject. Date: 02-May-2022 04:18:47 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144751-005
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-May-2022 06:51:26 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1671

First Level Reviewer: manlangitf Date: 02-May-2022 04:39:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.634	1.634	0.000	239485350	100.0	100.0	
2	1.539	1.539	0.000	318742042	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.122	5.122	0.000	58015322	1000.0	895.1	M
1	5.628	5.628	0.000	81583562	1000.0	935.6	M
1	5.735	5.735	0.000	148127184	1000.0	937.7	M
1	6.057	6.057	0.000	87056106	1000.0	941.8	M
1	6.819	6.819	0.000	73065214	1000.0	950.0	M
		Average of Peak Amounts =				932.0	
2	4.792	4.792	0.000	197691870	1000.0	948.2	M
2	4.914	4.914	0.000	175693196	1000.0	1027.0	M
2	5.125	5.125	0.000	151353094	1000.0	935.4	M
2	5.316	5.316	0.000	122654092	1000.0	848.3	M
2	0.000	5.504	0.000	0	1000.0	0	
		Average of Peak Amounts =				939.7	
						RPD = 0.82	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

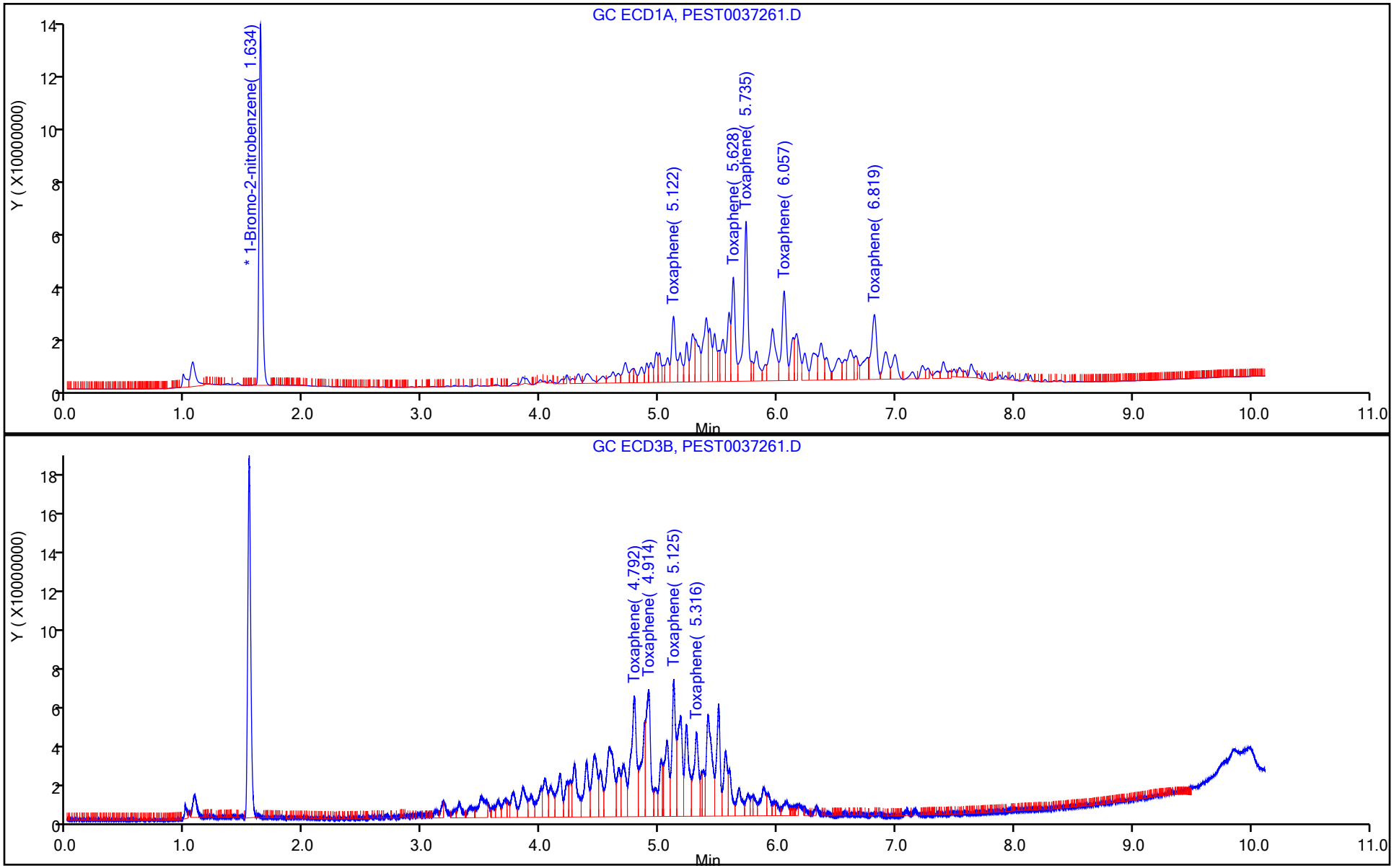
SGTOXAPHENEL4_00009 Amount Added: 1.00 Units: mL
SGPESTISTD_00018 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-May-2022 06:51:27 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037261.D

Injection Date:	02-May-2022 04:18:47	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	CCV TOX			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: CCV 460-842342/5 Calibration Date: 05/02/2022 04:18

Instrument ID: CPESTGC12 Calib Start Date: 03/18/2022 08:05

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 03/18/2022 08:55

Lab File ID: PEST0037261.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	0.0654	0.0620		948	1000	-5.2	20.0
Toxaphene Peak 2	Ave	0.0537	0.0551		1030	1000	2.7	20.0
Toxaphene Peak 3	Ave	0.0508	0.0475		935	1000	-6.5	20.0
Toxaphene Peak 4	Ave	0.0454	0.0385		848	1000	-15.2	20.0
Toxaphene Peak 5	Ave	0.0494	0.0386		0.110	1000	-21.9*	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: CCV 460-842342/5 Calibration Date: 05/02/2022 04:18

Instrument ID: CPESTGC12 Calib Start Date: 03/18/2022 08:05

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 03/18/2022 08:55

Lab File ID: PEST0037261.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	4.79	4.78	4.80
Toxaphene Peak 2	4.91	4.90	4.92
Toxaphene Peak 3	5.13	5.12	5.14
Toxaphene Peak 4	5.32	5.31	5.33
Toxaphene Peak 5	5.50	5.49	5.51

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037261.D
Lims ID: CCV TOX
Client ID:
Sample Type: CCV
Inject. Date: 02-May-2022 04:18:47 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144751-005
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-May-2022 06:51:26 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1671

First Level Reviewer: manlangitf Date: 02-May-2022 04:39:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.634	1.634	0.000	239485350	100.0	100.0	
2	1.539	1.539	0.000	318742042	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.122	5.122	0.000	58015322	1000.0	895.1	M
1	5.628	5.628	0.000	81583562	1000.0	935.6	M
1	5.735	5.735	0.000	148127184	1000.0	937.7	M
1	6.057	6.057	0.000	87056106	1000.0	941.8	M
1	6.819	6.819	0.000	73065214	1000.0	950.0	M
		Average of Peak Amounts =				932.0	
2	4.792	4.792	0.000	197691870	1000.0	948.2	M
2	4.914	4.914	0.000	175693196	1000.0	1027.0	M
2	5.125	5.125	0.000	151353094	1000.0	935.4	M
2	5.316	5.316	0.000	122654092	1000.0	848.3	M
2	0.000	5.504	0.000	0	1000.0	0	
		Average of Peak Amounts =				939.7	
						RPD = 0.82	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

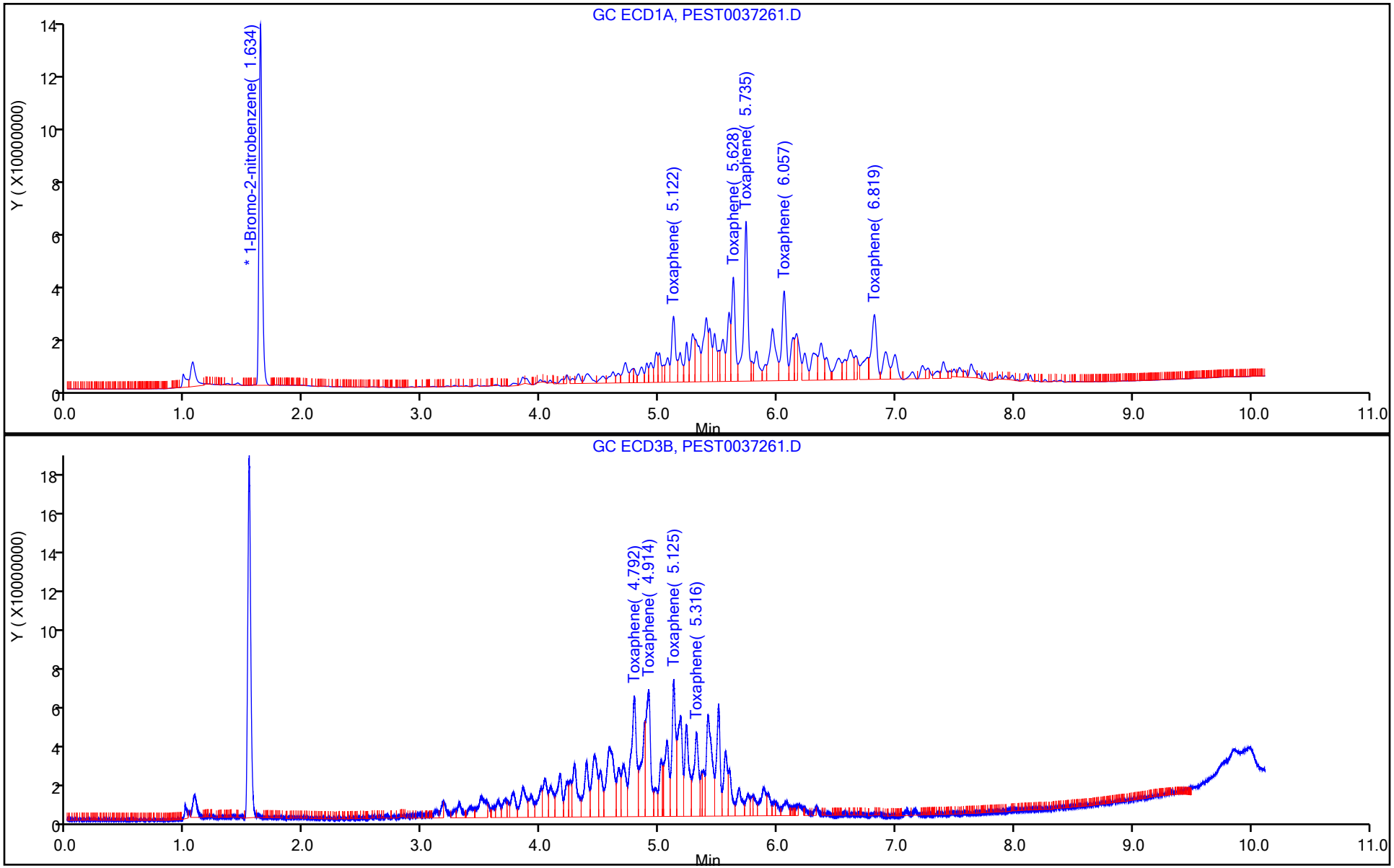
SGTOXAPHENEL4_00009 Amount Added: 1.00 Units: mL
SGPESTISTD_00018 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-May-2022 06:51:28 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037261.D

Injection Date:	02-May-2022 04:18:47	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	CCV TOX			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-842217/1-A

Matrix: Solid | Lab File ID: PEST0037265.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/30/2022 18:29

Sample wt/vol: 15.00(g) | Date Analyzed: 05/02/2022 05:08

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842342 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	*4,4'-DDD*	*1.1*	*U*	*6.7*	*1.1*
72-55-9	*4,4'-DDE*	*0.79*	*U*	*6.7*	*0.79*
50-29-3	*4,4'-DDT*	*1.2*	*U*	*6.7*	*1.2*
309-00-2	*Aldrin*	*1.0*	*U*	*6.7*	*1.0*
319-84-6	*alpha-BHC*	*0.68*	*U*	*2.0*	*0.68*
319-85-7	*beta-BHC*	*0.75*	*U*	*2.0*	*0.75*
12789-03-6	*Chlordane (technical)*	*16*	*U*	*67*	*16*
319-86-8	*delta-BHC*	*0.41*	*U*	*2.0*	*0.41*
60-57-1	*Dieldrin*	*0.87*	*U*	*2.0*	*0.87*
959-98-8	*Endosulfan I*	*1.0*	*U*	*6.7*	*1.0*
33213-65-9	*Endosulfan II*	*1.7*	*U*	*6.7*	*1.7*
1031-07-8	*Endosulfan sulfate*	*0.84*	*U*	*6.7*	*0.84*
72-20-8	*Endrin*	*0.96*	*U*	*6.7*	*0.96*
7421-93-4	*Endrin aldehyde*	*1.6*	*U*	*6.7*	*1.6*
53494-70-5	*Endrin ketone*	*1.3*	*U*	*6.7*	*1.3*
58-89-9	*gamma-BHC (Lindane)*	*0.62*	*U*	*2.0*	*0.62*
76-44-8	*Heptachlor*	*0.79*	*U*	*6.7*	*0.79*
1024-57-3	*Heptachlor epoxide*	*1.0*	*U*	*6.7*	*1.0*
72-43-5	*Methoxychlor*	*1.5*	*U*	*6.7*	*1.5*
8001-35-2	*Toxaphene*	*24*	*U*	*67*	*24*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	89		43-150
877-09-8	Tetrachloro-m-xylene	82		26-137

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Lims ID: MB 460-842217/1-A
Client ID:
Sample Type: MB
Inject. Date: 02-May-2022 05:08:02 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144751-009
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-May-2022 06:51:26 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1671

First Level Reviewer: manlangitf Date: 02-May-2022 05:35:50

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							M
1	1.635	1.634	0.001	180405365	100.0	100.0	
2	1.539	1.539	0.000	240471246	100.0	100.0	M
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.168	2.169	-0.001	80555965	50.0	41.2	
2	1.900	1.903	-0.003	116600505	50.0	41.5	
						RPD = 0.80	
$ 24 DCB Decachlorobiphenyl							
1	8.442	8.445	-0.003	63934335	50.0	44.6	
2	7.439	7.441	-0.002	117354457	50.0	43.5	
						RPD = 2.39	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

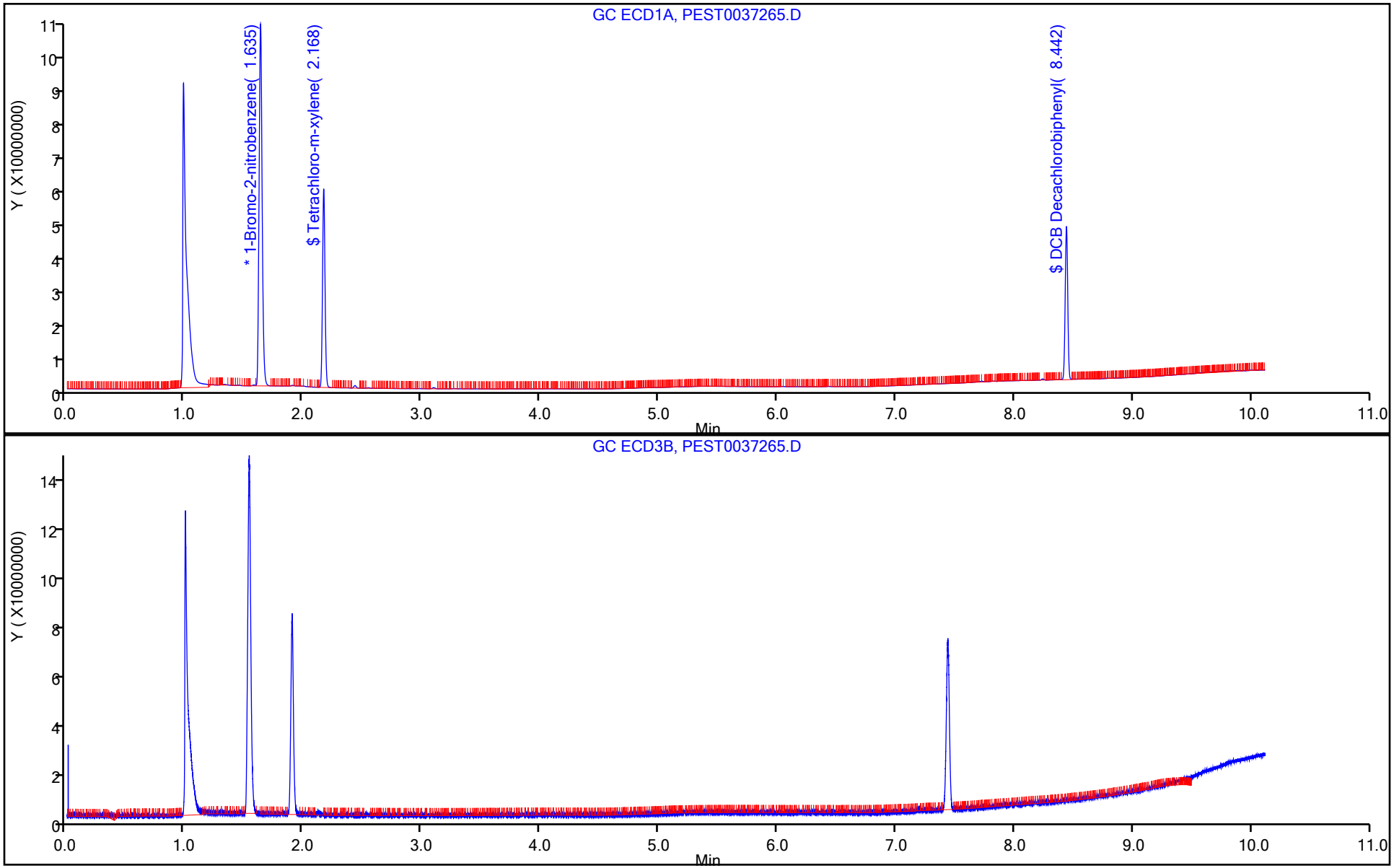
SGPESTISTD_00018 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-May-2022 06:51:55 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D

Injection Date:	02-May-2022 05:08:02	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	MB 460-842217/1-A			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



User Disabled Compound Report

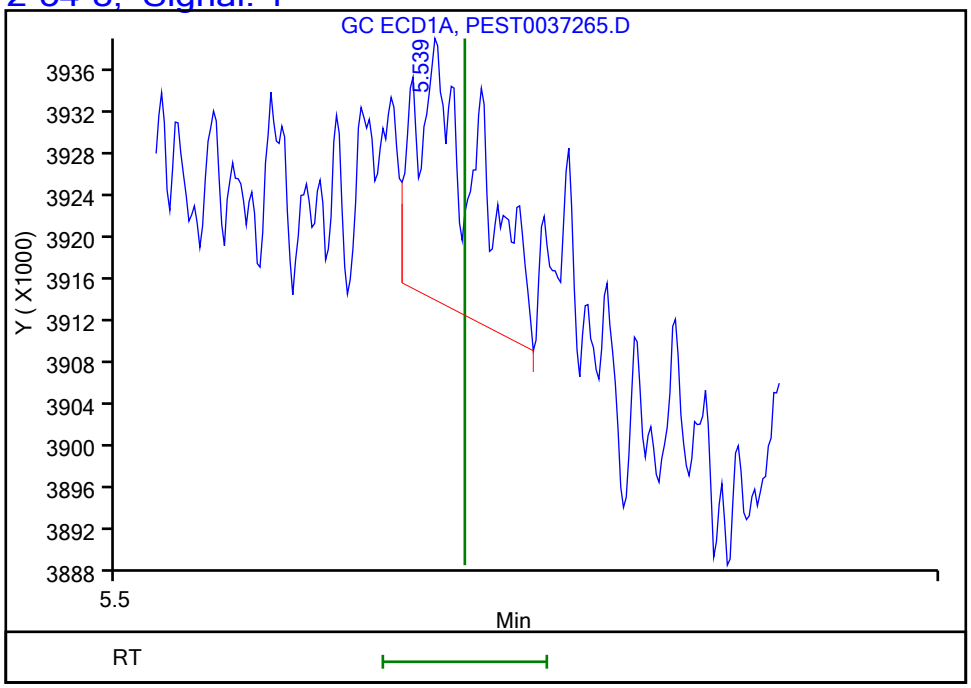
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

16 4,4'-DDD, CAS: 72-54-8, Signal: 1

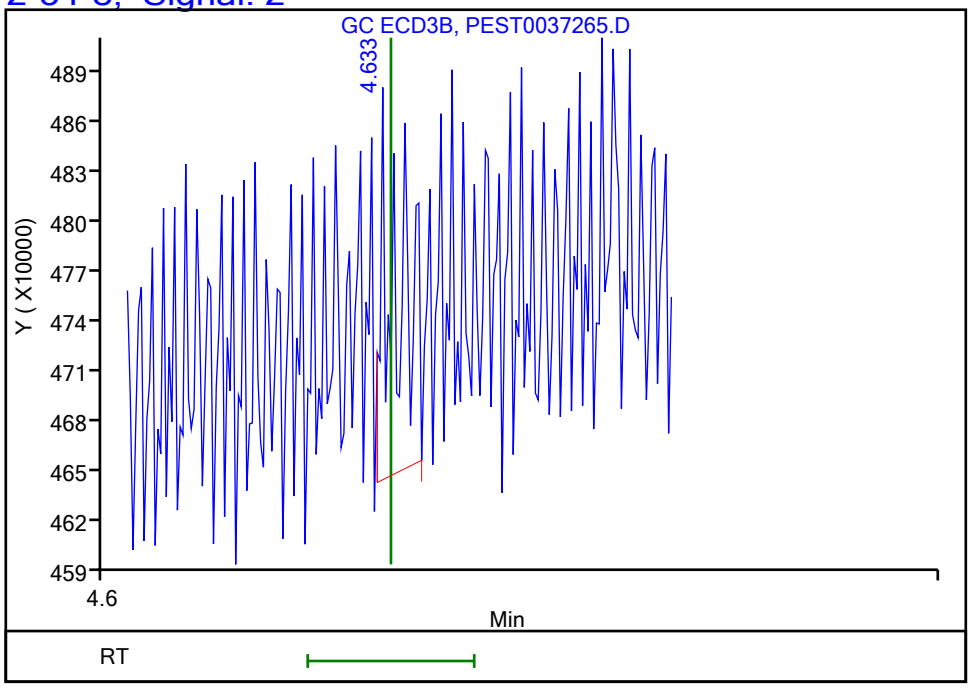
RT: 5.54
Response: 13320
Amount: 0.007616



Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.63
Response: 32913
Amount: 0.023893



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

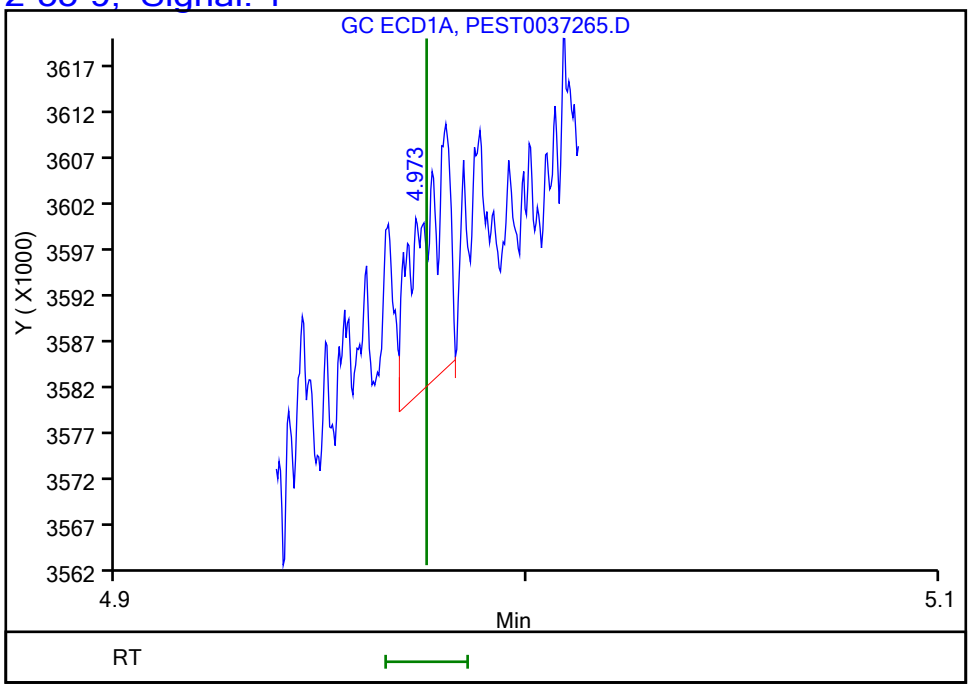
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

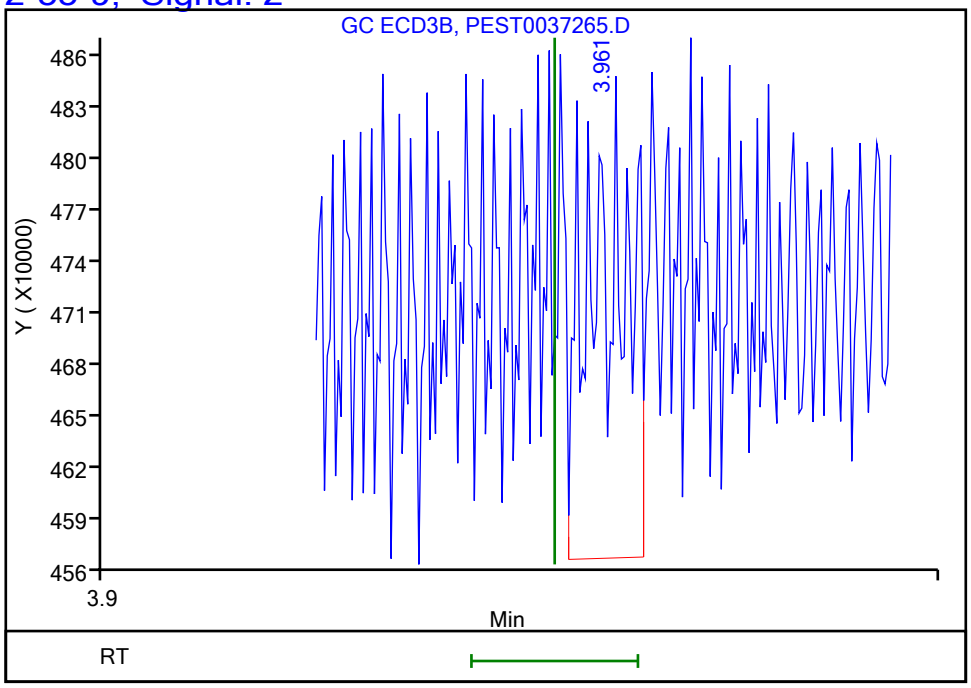
RT: 4.97
Response: 13905
Amount: 0.006897



Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.96
Response: 82669
Amount: 0.049697



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

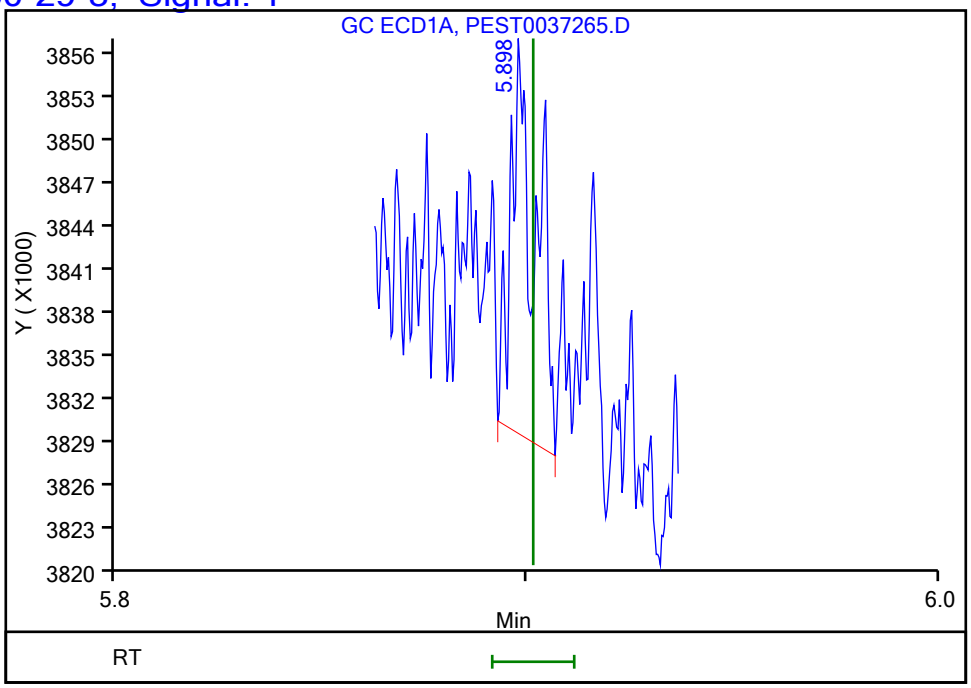
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

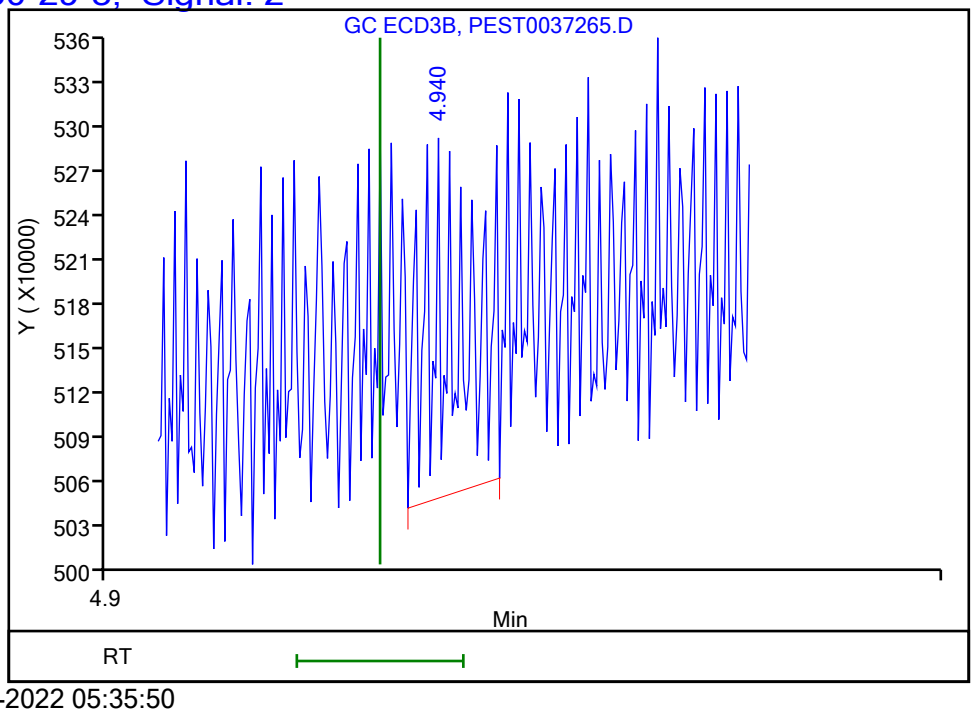
RT: 5.90
Response: 11475
Amount: 0.008246



Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.94
Response: 70117
Amount: 0.060893



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

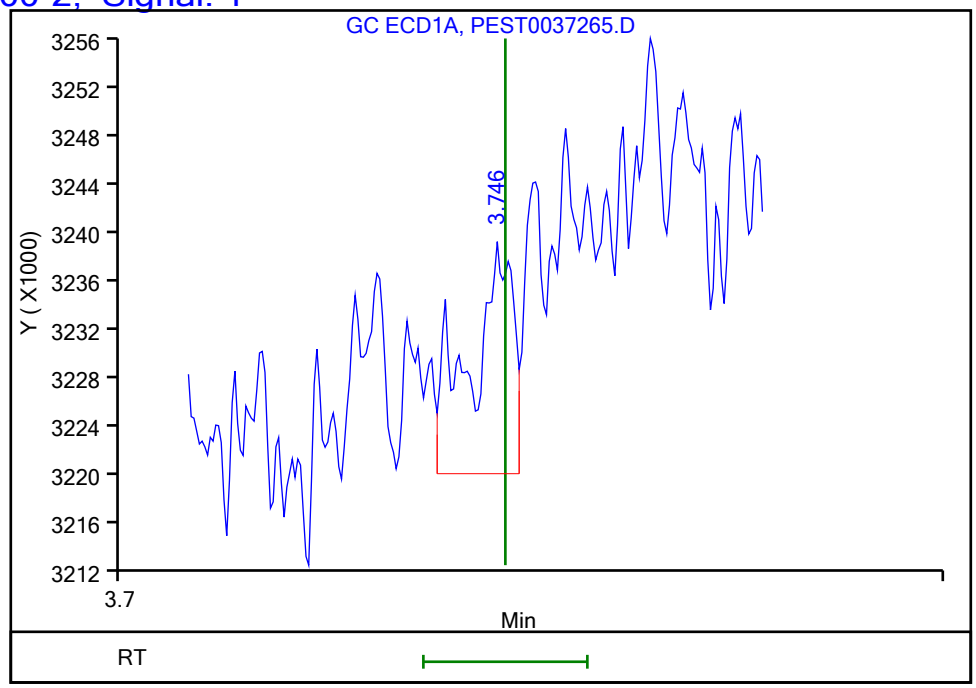
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

8 Aldrin, CAS: 309-00-2, Signal: 1

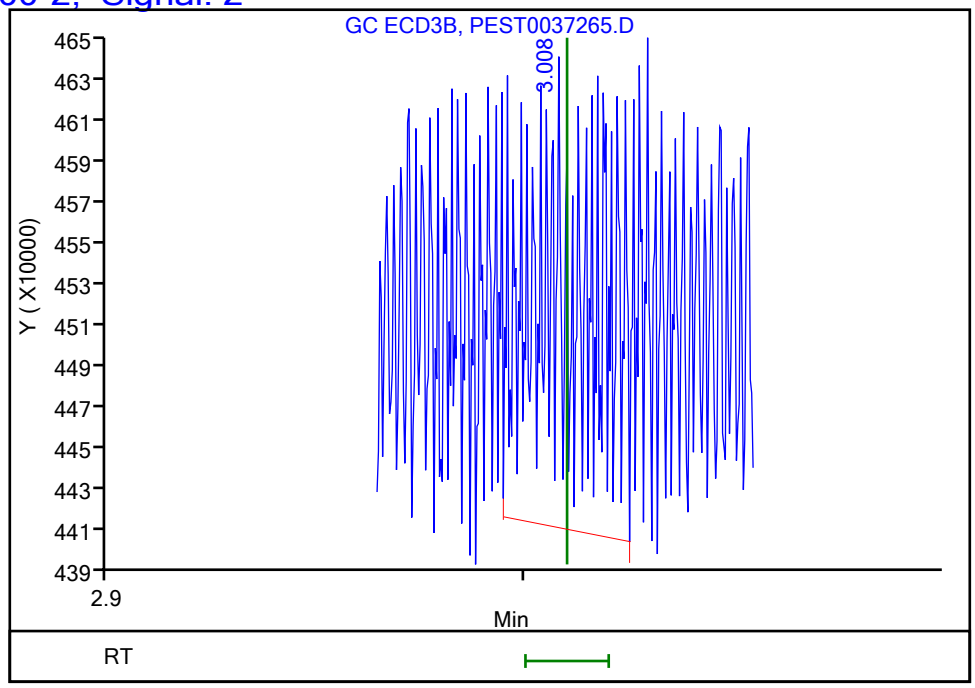
RT: 3.75
Response: 6655
Amount: 0.002909



Column: Detector GC ECD2B

8 Aldrin, CAS: 309-00-2, Signal: 2

RT: 3.01
Response: 195945
Amount: 0.107901



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

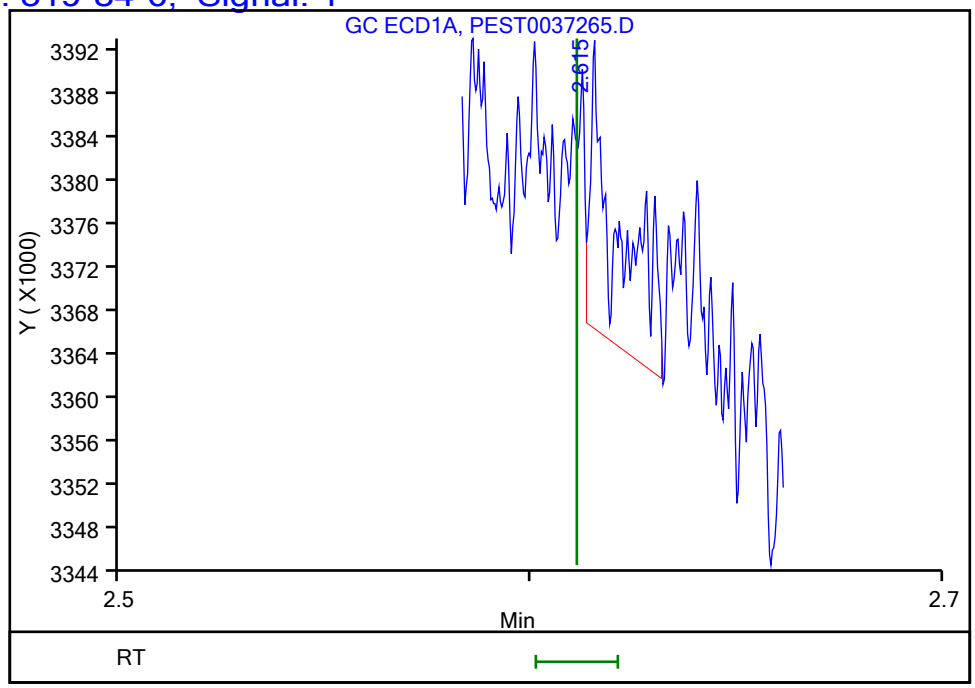
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

15 alpha-BHC, CAS: 319-84-6, Signal: 1

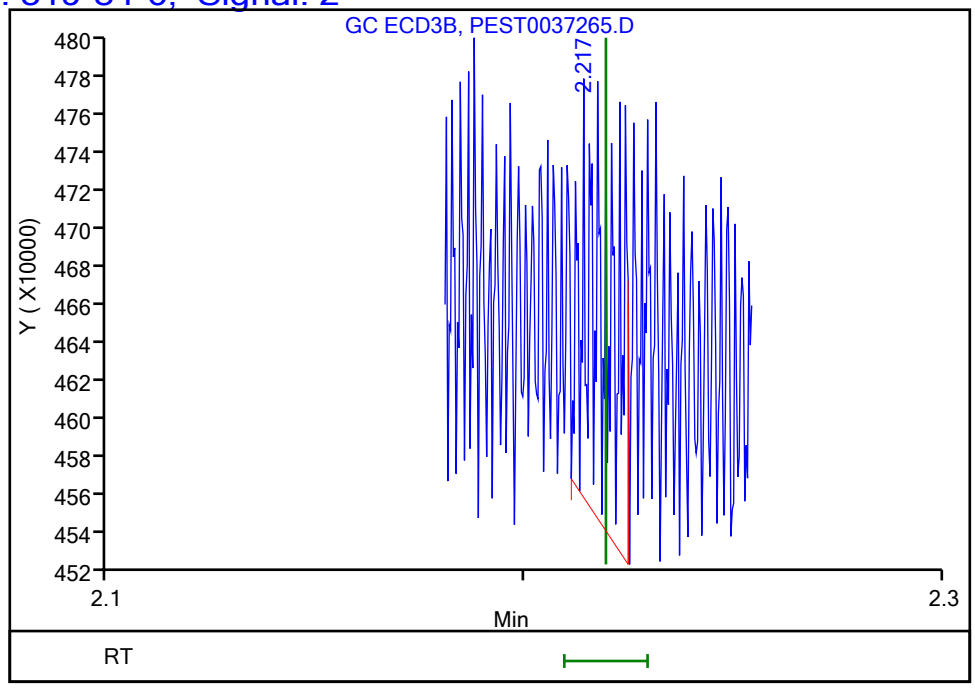
RT: 2.62
Response: 12168
Amount: 0.004351



Column: Detector GC ECD2B

15 alpha-BHC, CAS: 319-84-6, Signal: 2

RT: 2.22
Response: 88646
Amount: 0.043176



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

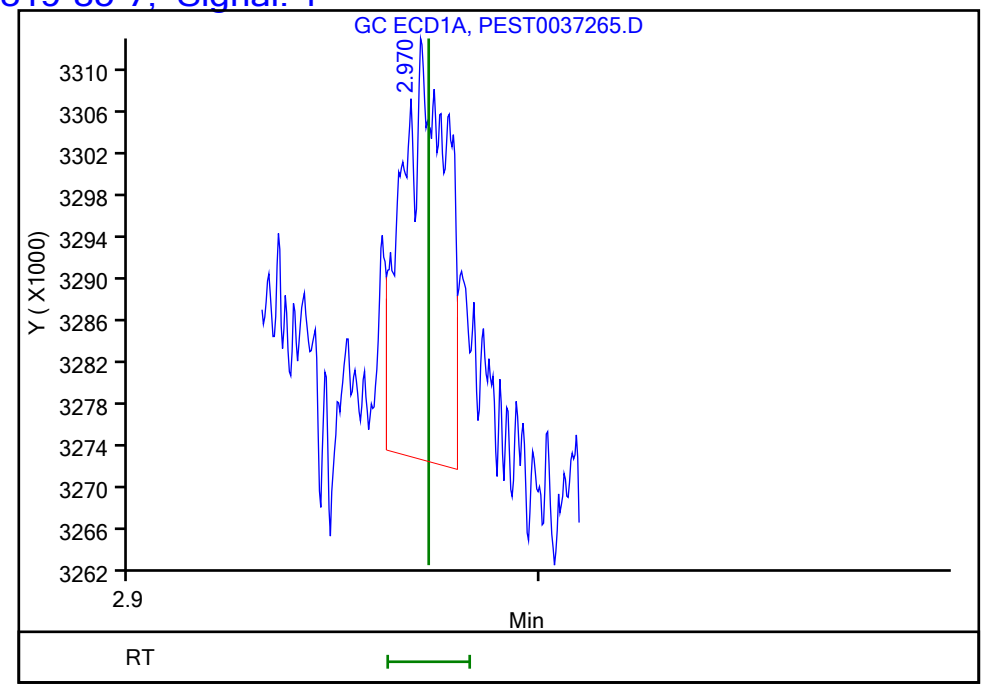
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

6 beta-BHC, CAS: 319-85-7, Signal: 1

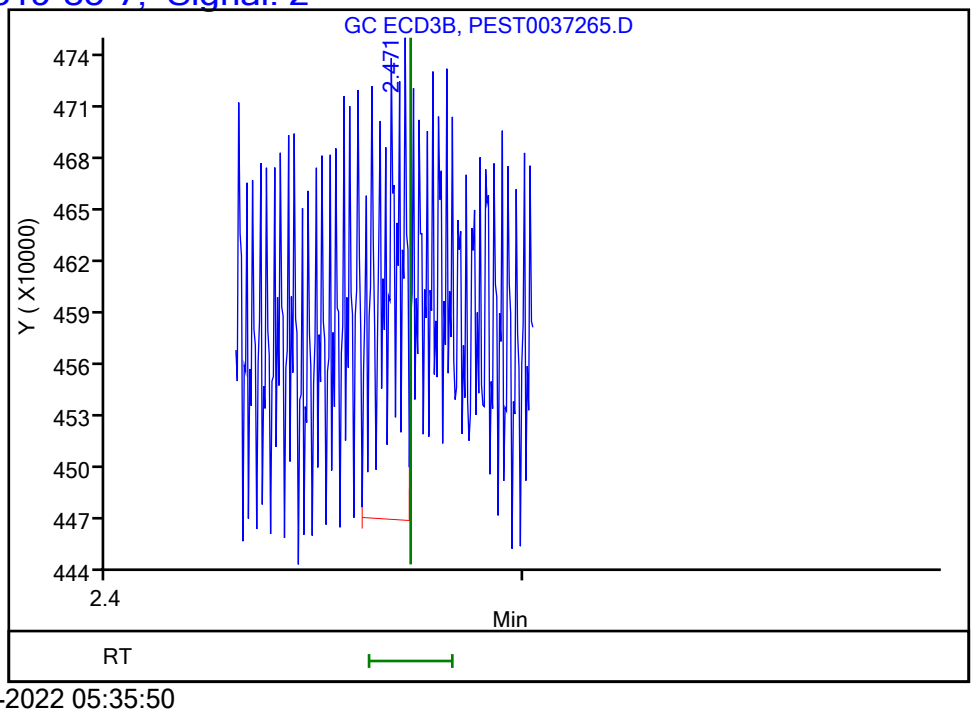
RT: 2.97
Response: 30040
Amount: 0.029990



Column: Detector GC ECD2B

6 beta-BHC, CAS: 319-85-7, Signal: 2

RT: 2.47
Response: 95665
Amount: 0.132313



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

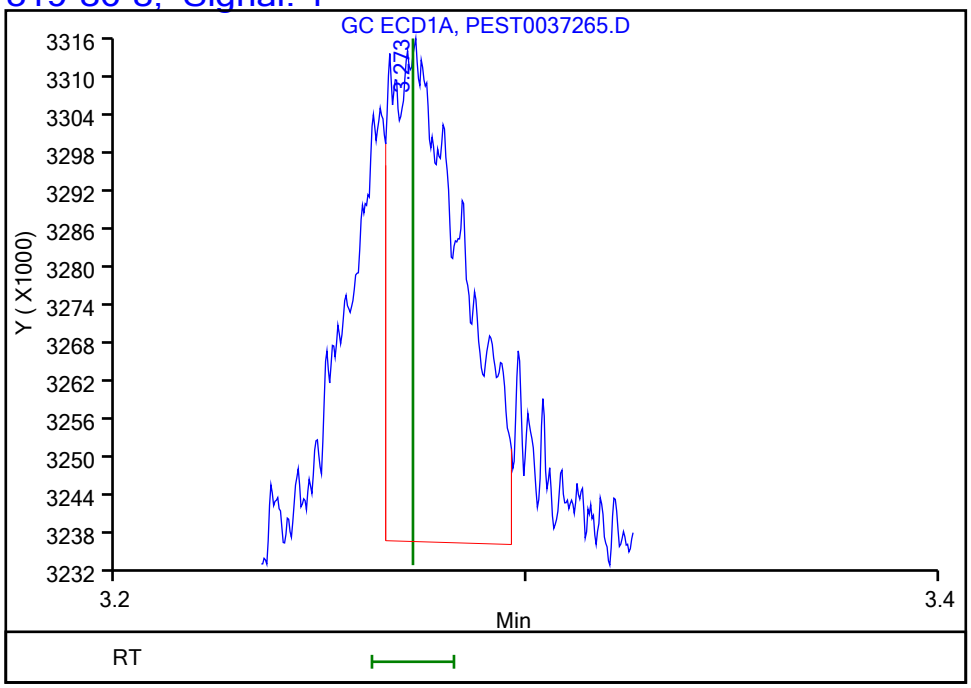
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

32 delta-BHC, CAS: 319-86-8, Signal: 1

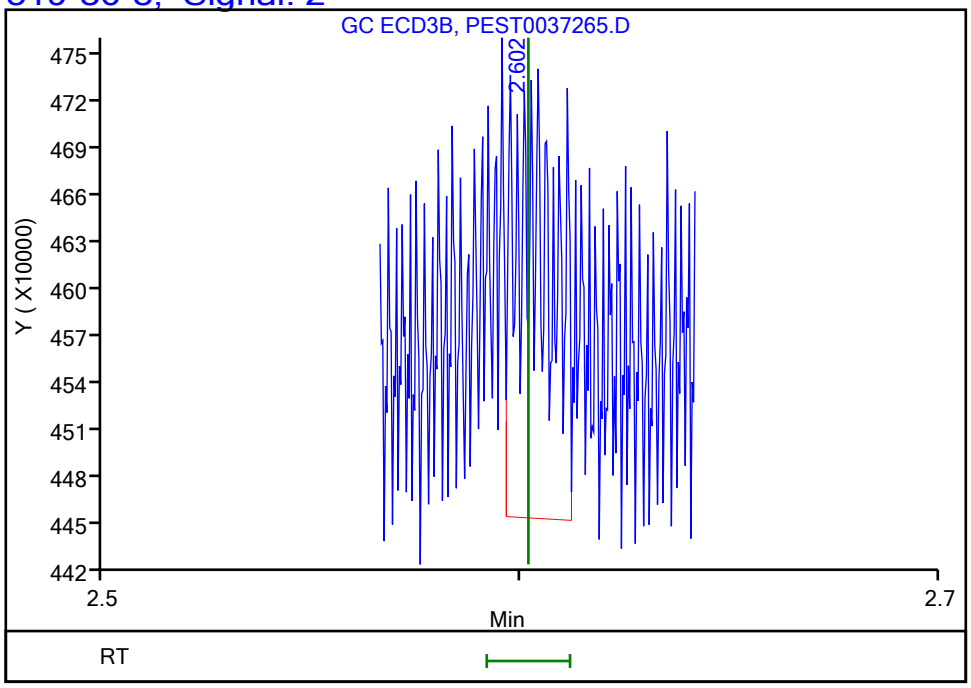
RT: 3.27
Response: 96171
Amount: 0.039544



Column: Detector GC ECD2B

32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.60
Response: 160601
Amount: 0.089310



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

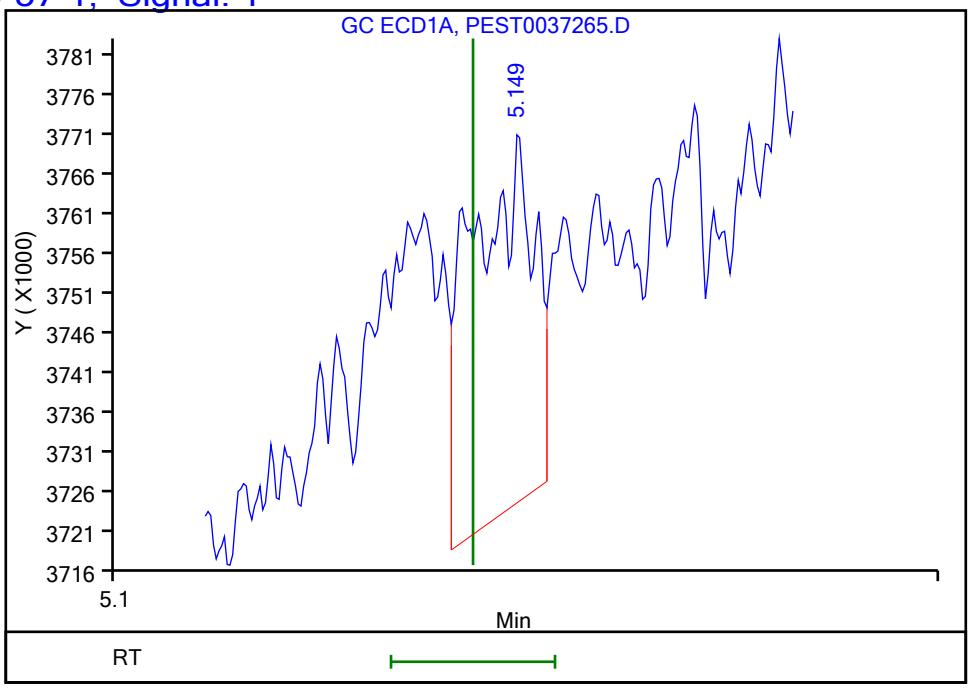
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

30 Dieldrin, CAS: 60-57-1, Signal: 1

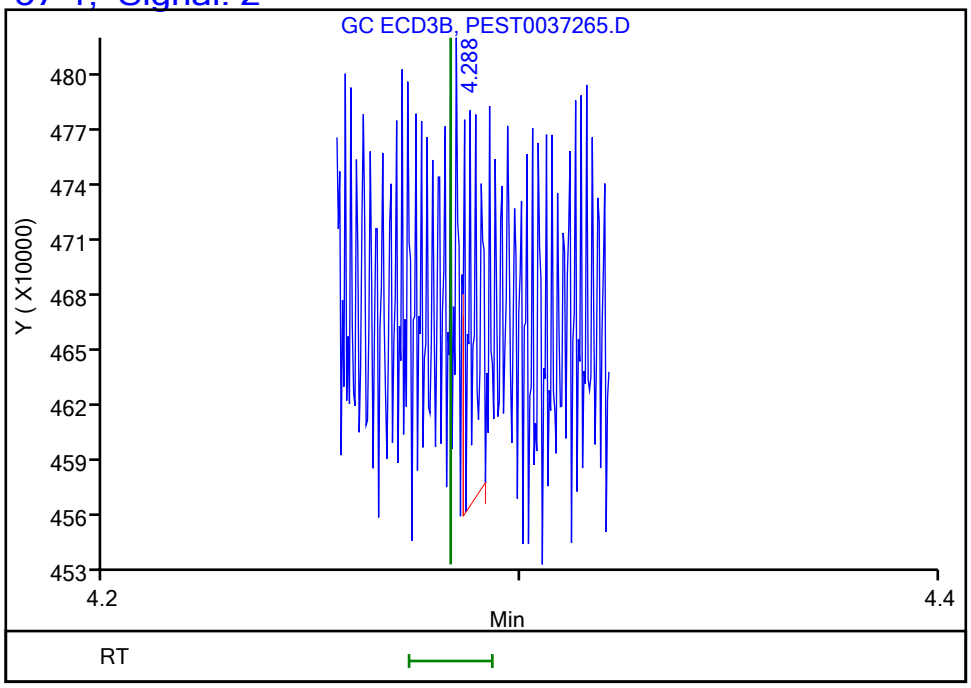
RT: 5.15
Response: 24840
Amount: 0.011620



Column: Detector GC ECD2B

30 Dieldrin, CAS: 60-57-1, Signal: 2

RT: 4.29
Response: 32845
Amount: 0.019454



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

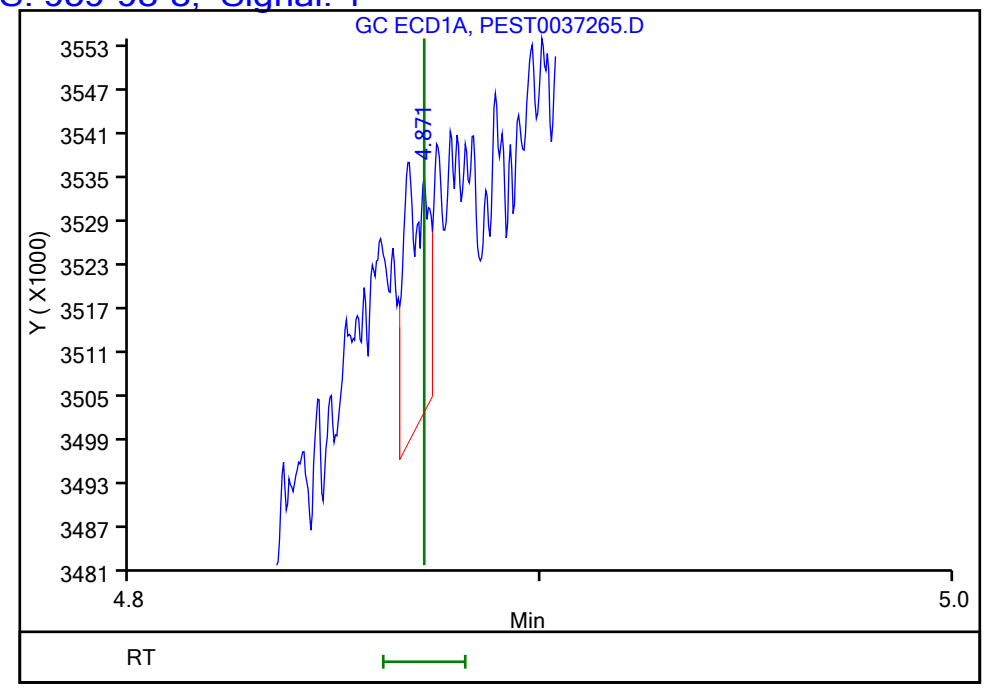
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

7 Endosulfan I, CAS: 959-98-8, Signal: 1

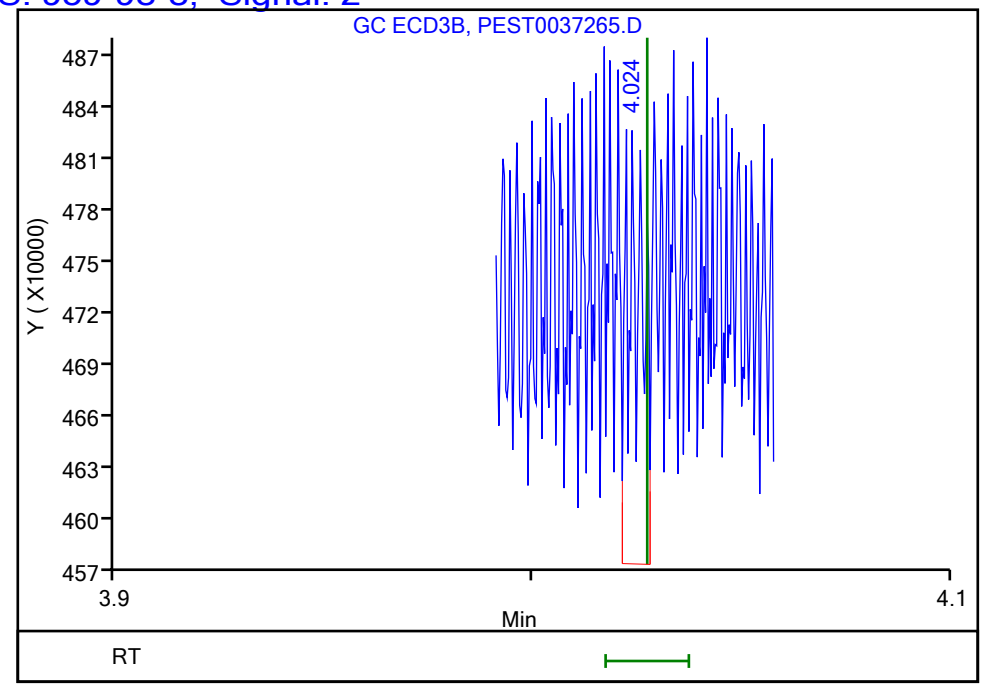
RT: 4.87
Response: 13947
Amount: 0.007392



Column: Detector GC ECD2B

7 Endosulfan I, CAS: 959-98-8, Signal: 2

RT: 4.02
Response: 59886
Amount: 0.040095



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

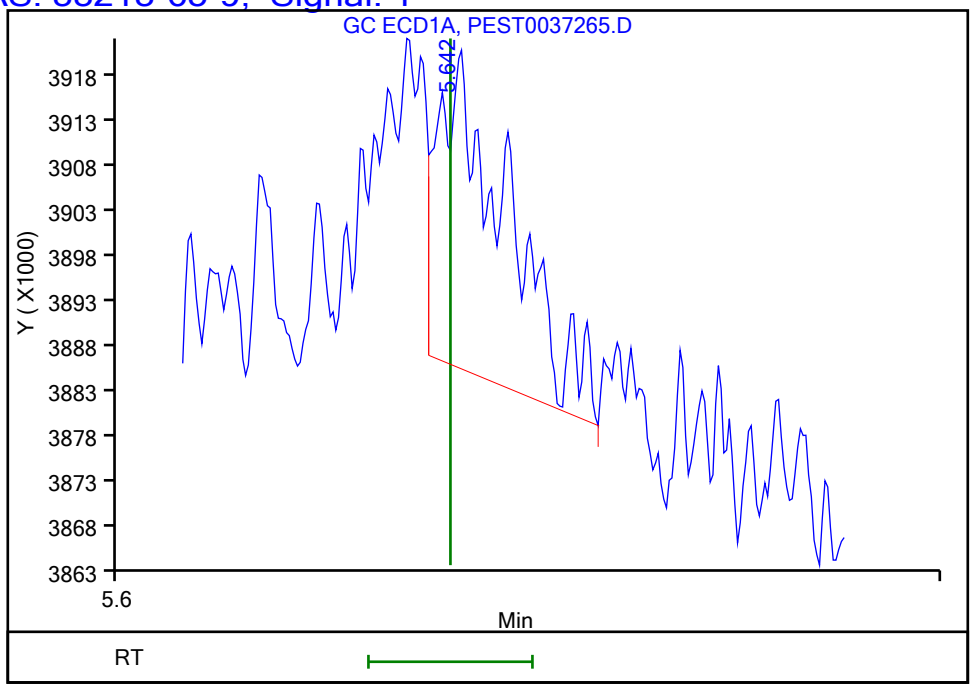
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

11 Endosulfan II, CAS: 33213-65-9, Signal: 1

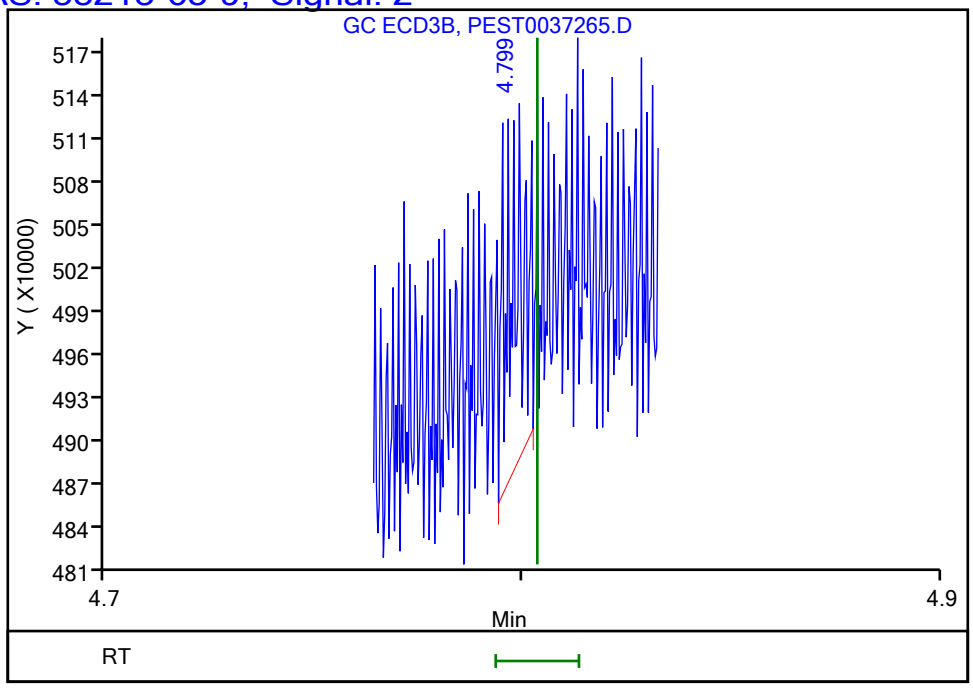
RT: 5.64
Response: 20834
Amount: 13.349794



Column: Detector GC ECD2B

11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.80
Response: 59913
Amount: 13.783522



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

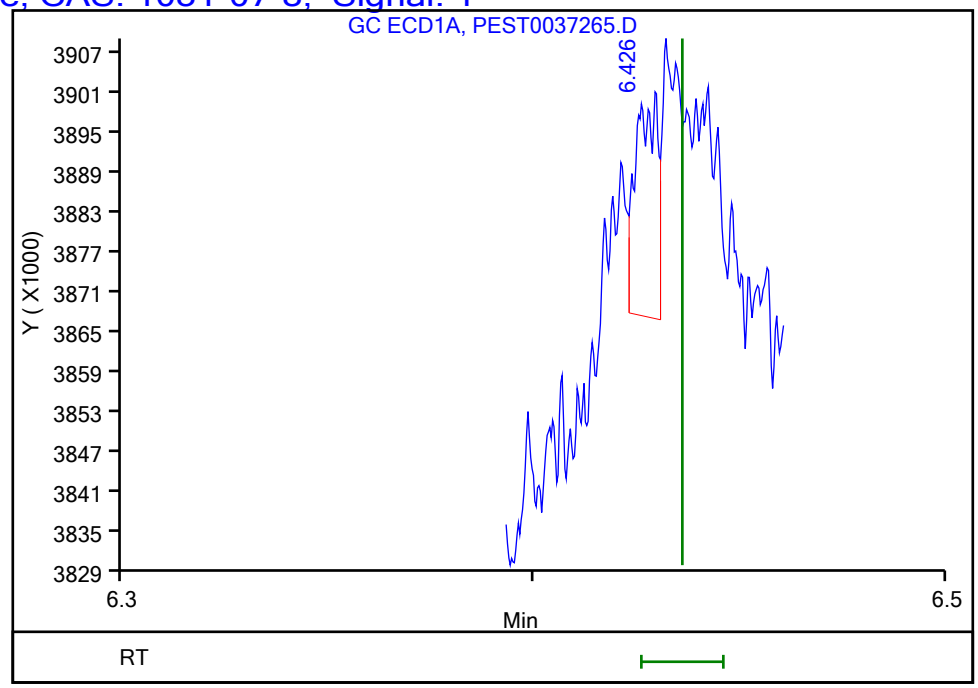
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 1

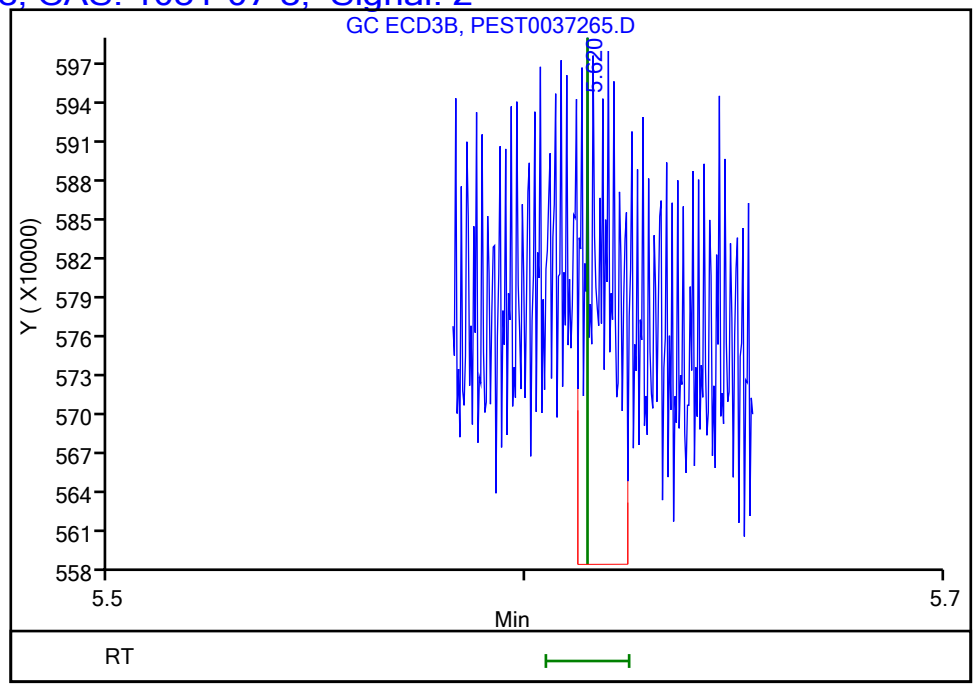
RT: 6.43
Response: 12211
Amount: 0.007521



Column: Detector GC ECD2B

3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 2

RT: 5.62
Response: 164095
Amount: 0.133686



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

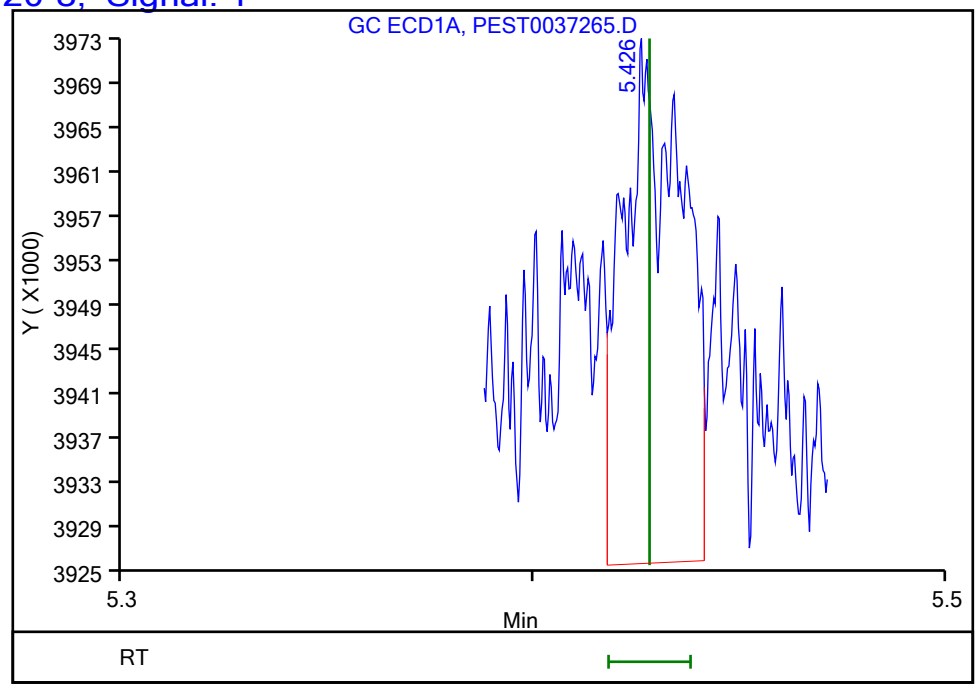
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

20 Endrin, CAS: 72-20-8, Signal: 1

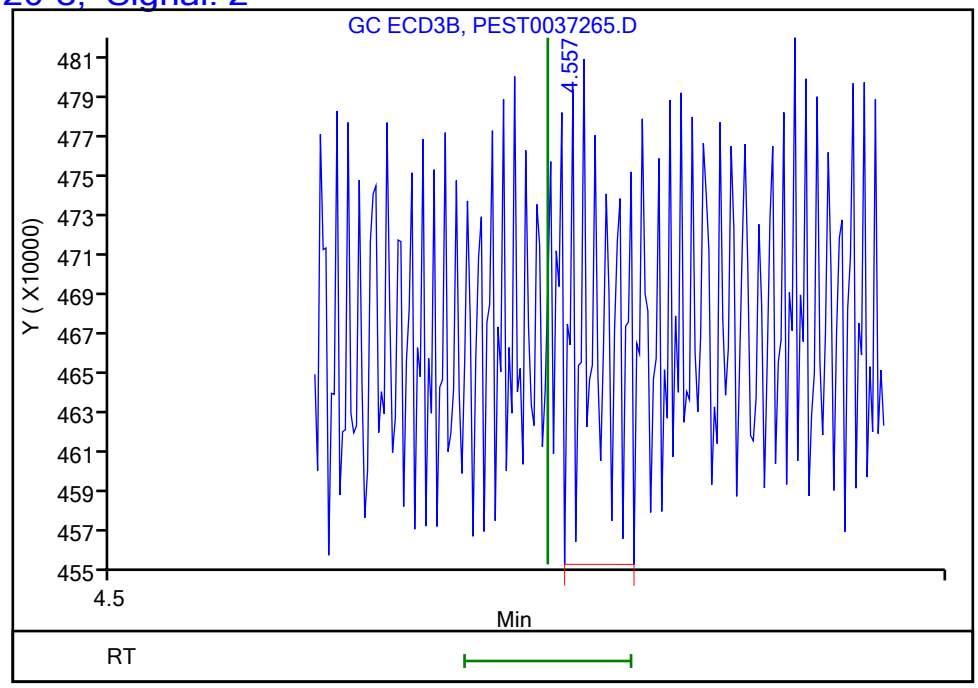
RT: 5.43
Response: 45871
Amount: 0.026607



Column: Detector GC ECD2B

20 Endrin, CAS: 72-20-8, Signal: 2

RT: 4.56
Response: 55916
Amount: 0.041718



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

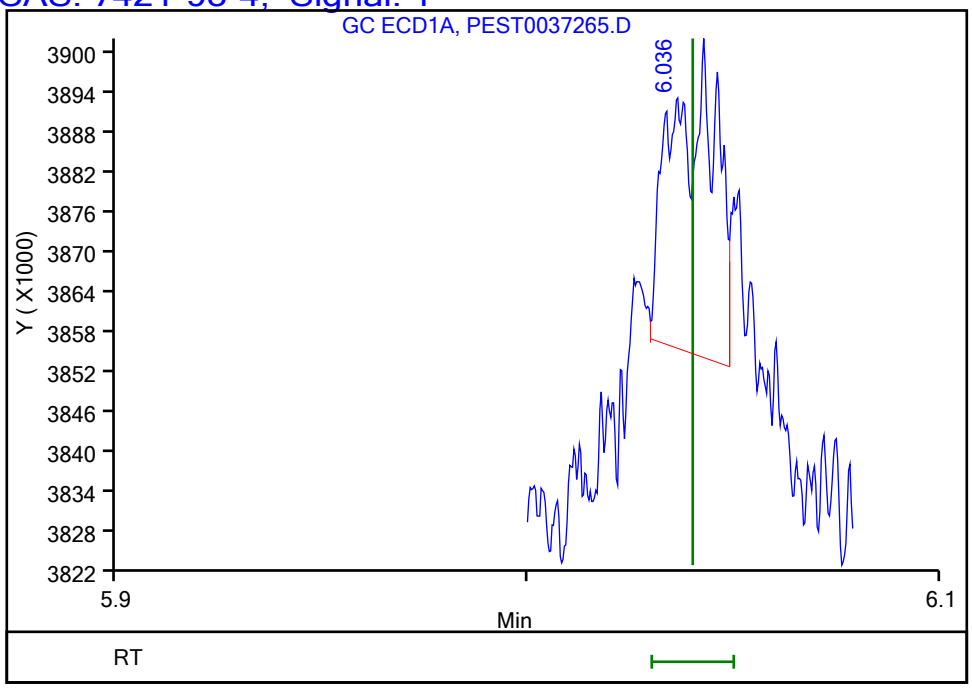
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

5 Endrin aldehyde, CAS: 7421-93-4, Signal: 1

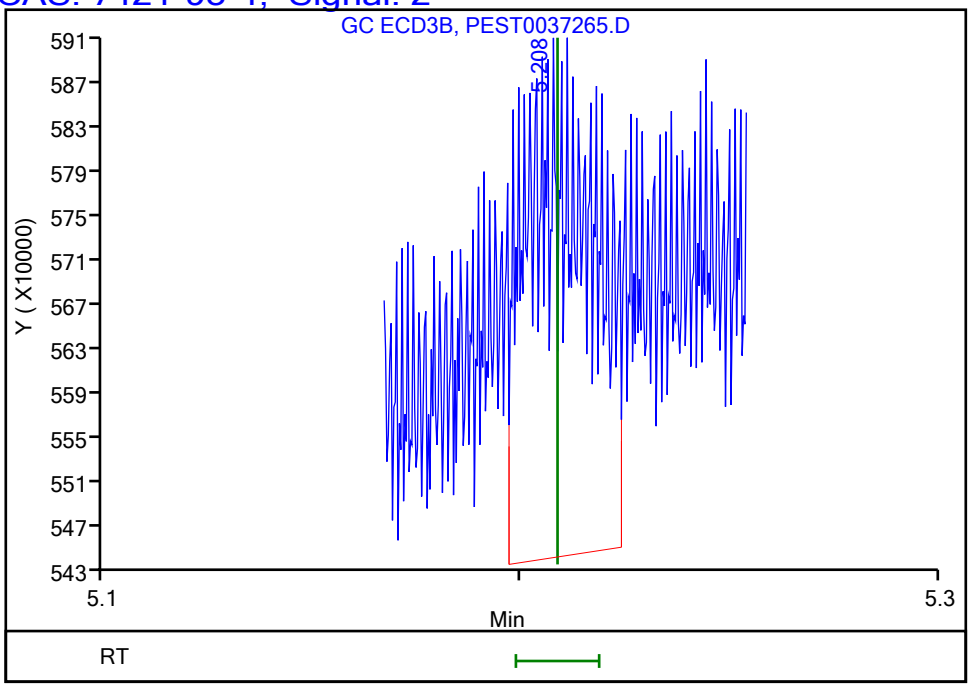
RT: 6.04
Response: 34797
Amount: 0.022174



Column: Detector GC ECD2B

5 Endrin aldehyde, CAS: 7421-93-4, Signal: 2

RT: 5.21
Response: 474401
Amount: 9.936454



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

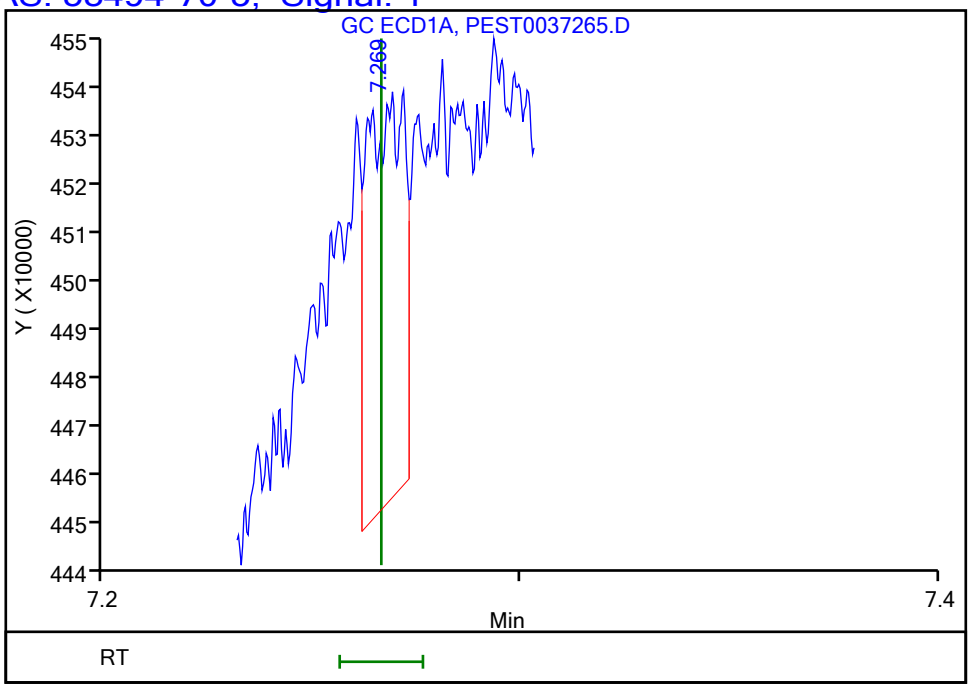
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

13 Endrin ketone, CAS: 53494-70-5, Signal: 1

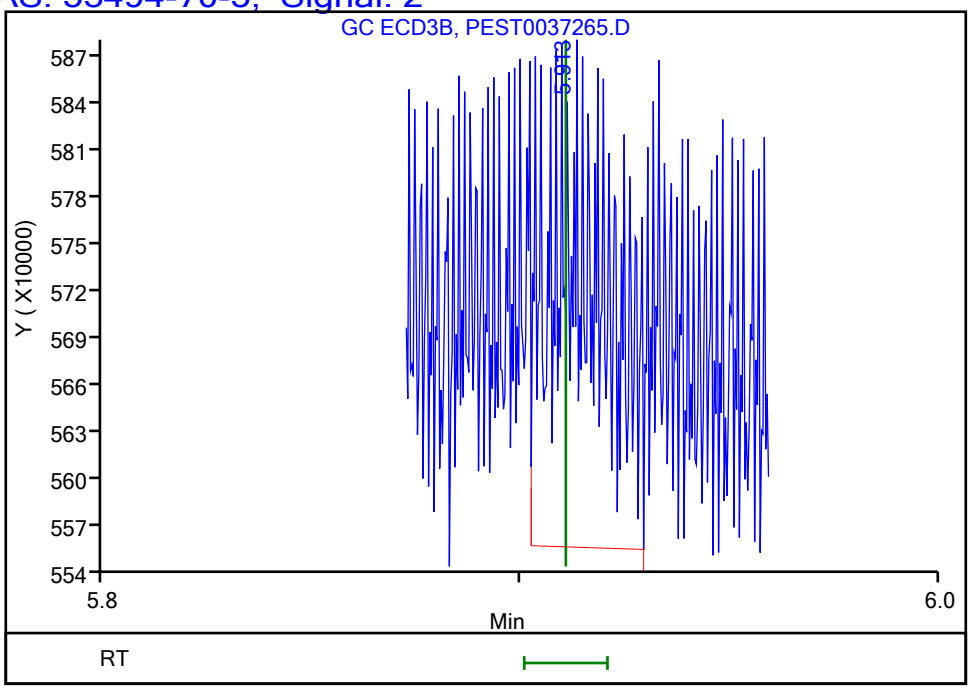
RT: 7.27
Response: 49547
Amount: 0.024303



Column: Detector GC ECD2B

13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.91
Response: 253882
Amount: 0.161900



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

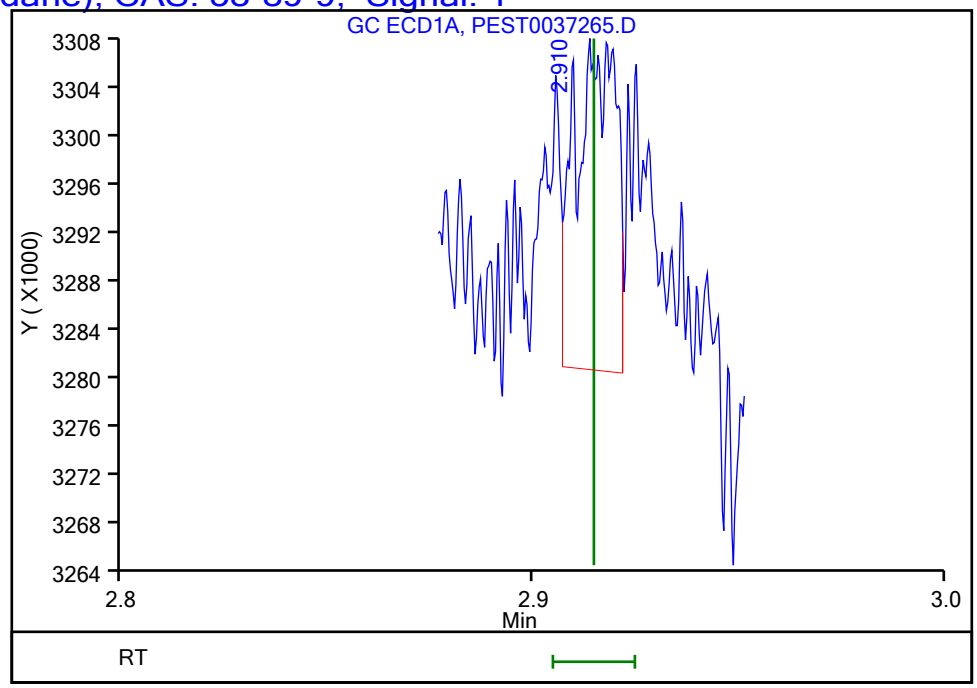
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

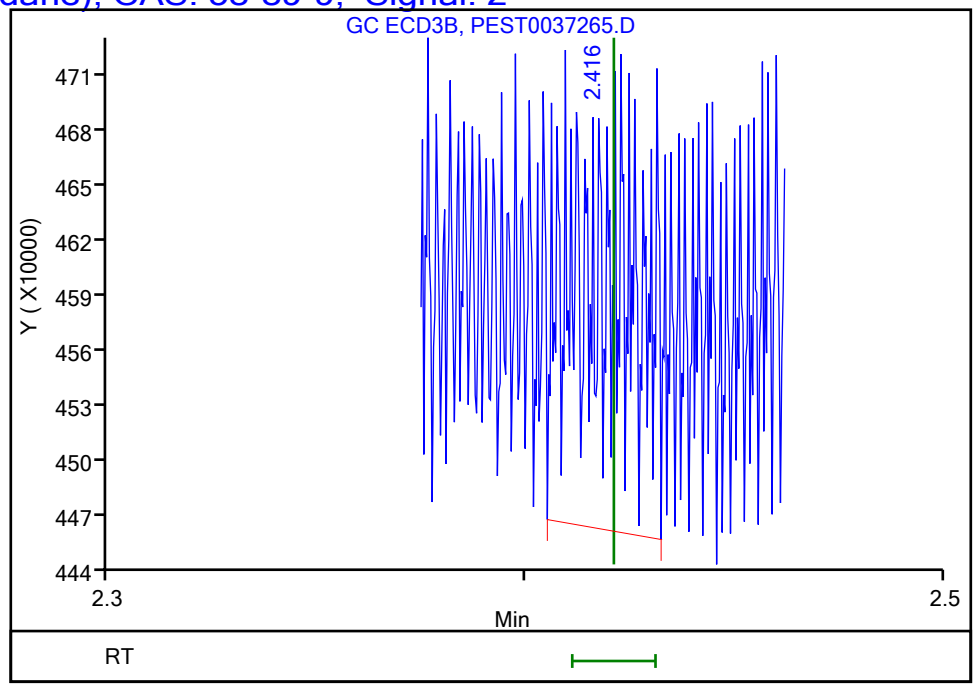
RT: 2.91
Response: 18115
Amount: 0.007079



Column: Detector GC ECD2B

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.42
Response: 212480
Amount: 0.110530



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

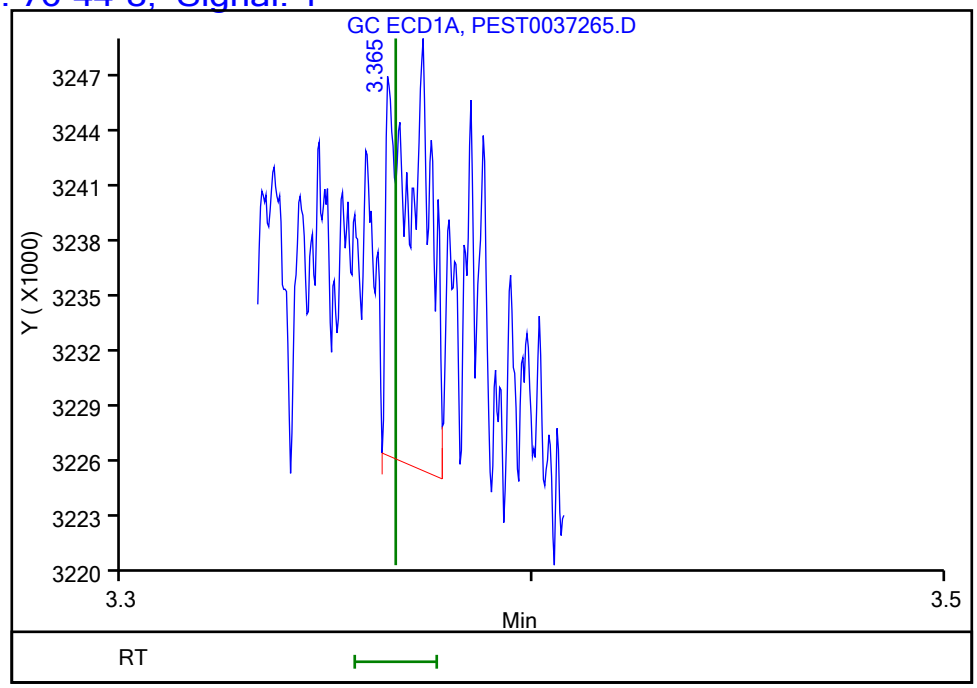
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

18 Heptachlor, CAS: 76-44-8, Signal: 1

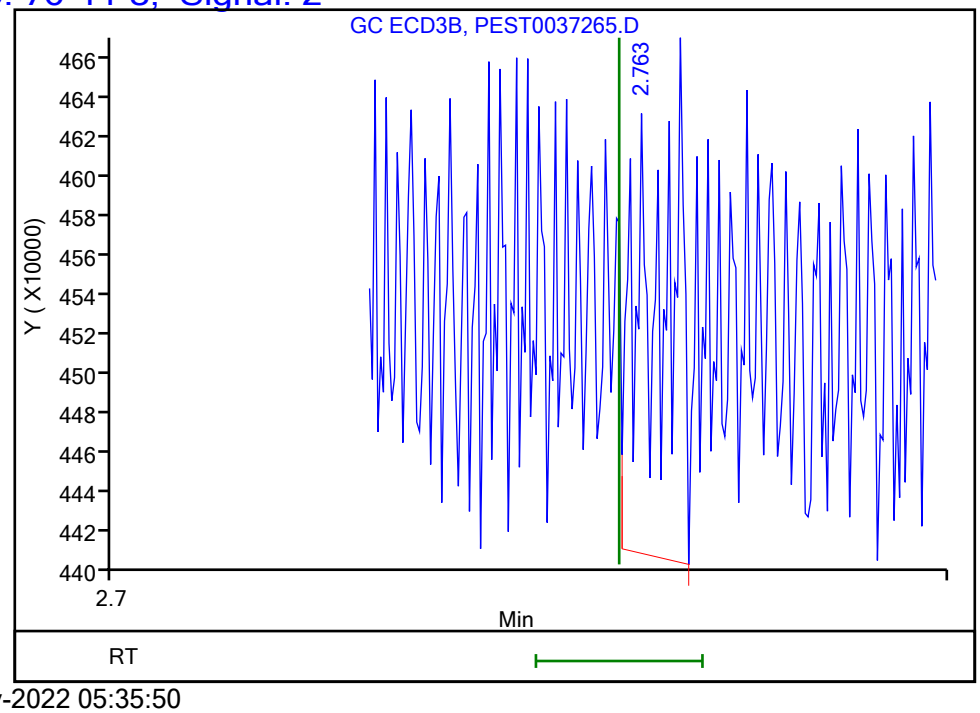
RT: 3.36
Response: 12815
Amount: 0.006160



Column: Detector GC ECD2B

18 Heptachlor, CAS: 76-44-8, Signal: 2

RT: 2.76
Response: 61452
Amount: 0.037910



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

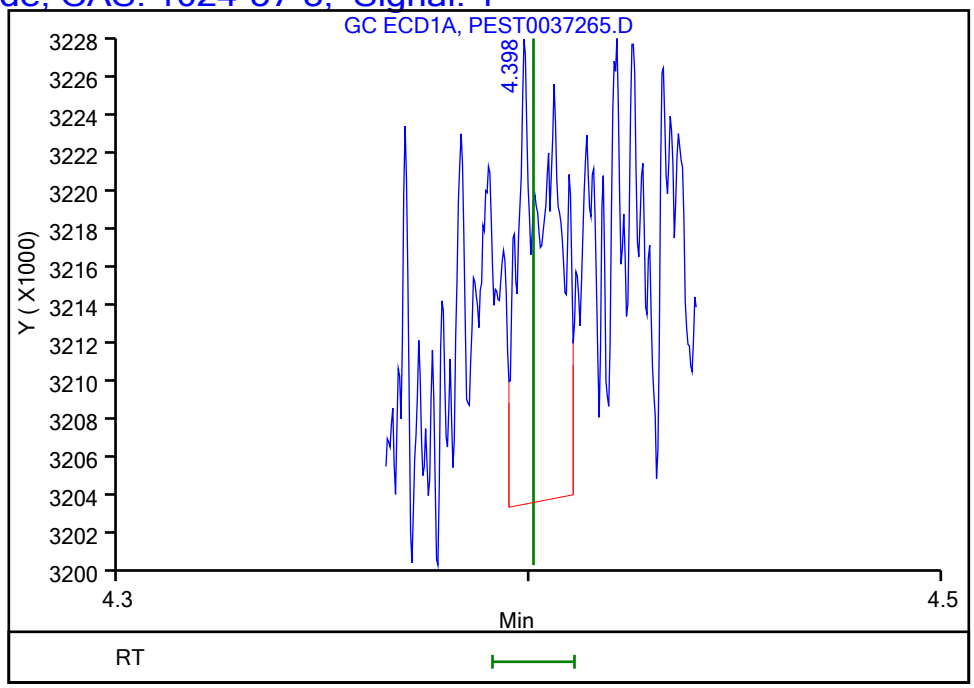
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 1

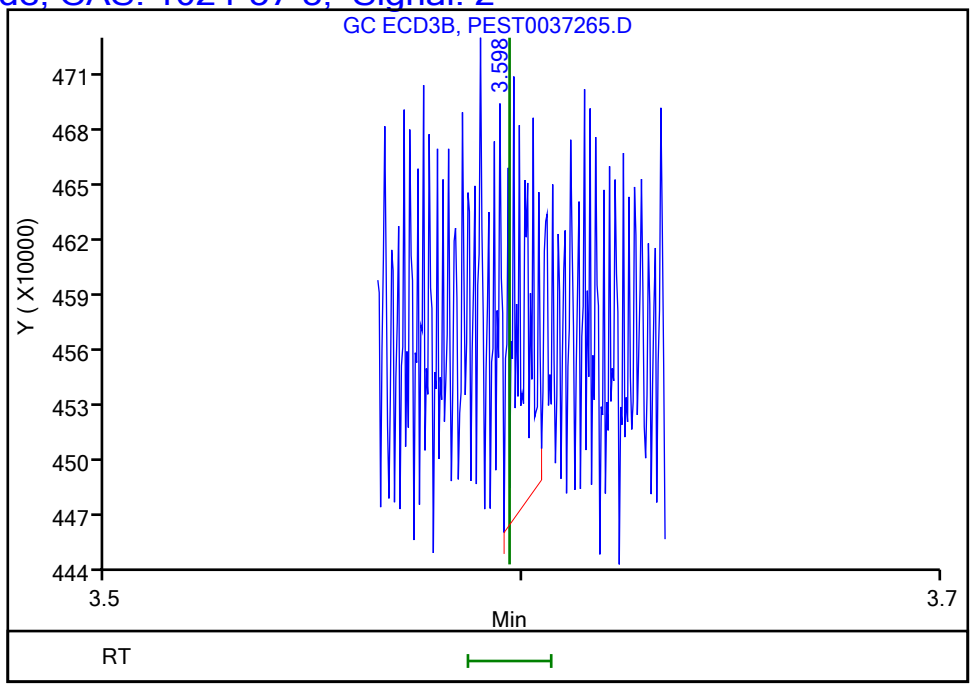
RT: 4.40
Response: 14103
Amount: 0.006826



Column: Detector GC ECD2B

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 2

RT: 3.60
Response: 53681
Amount: 0.032685



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

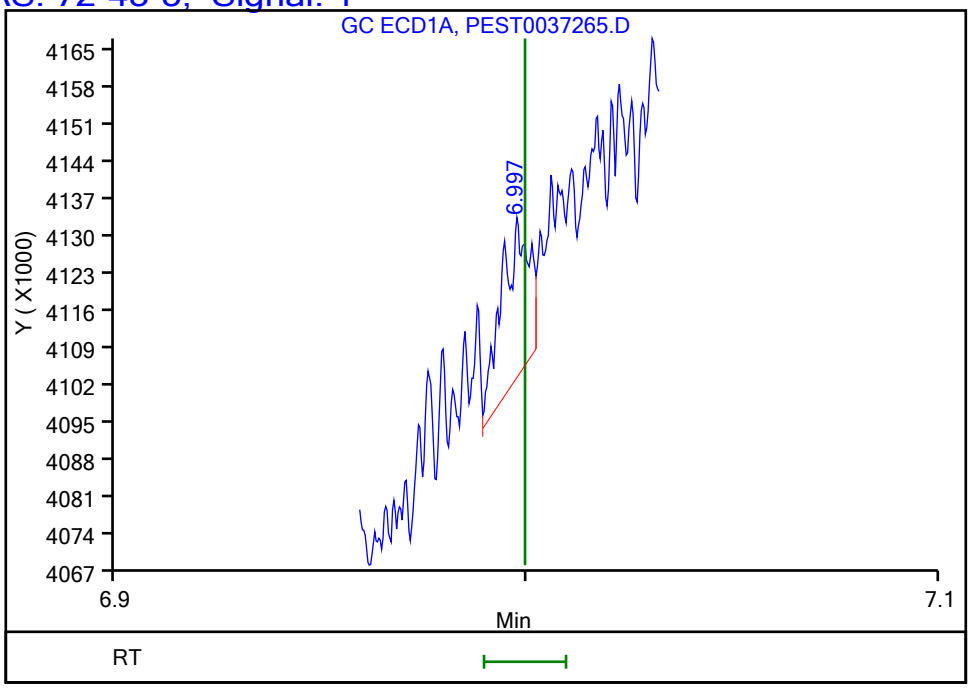
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5, Signal: 1

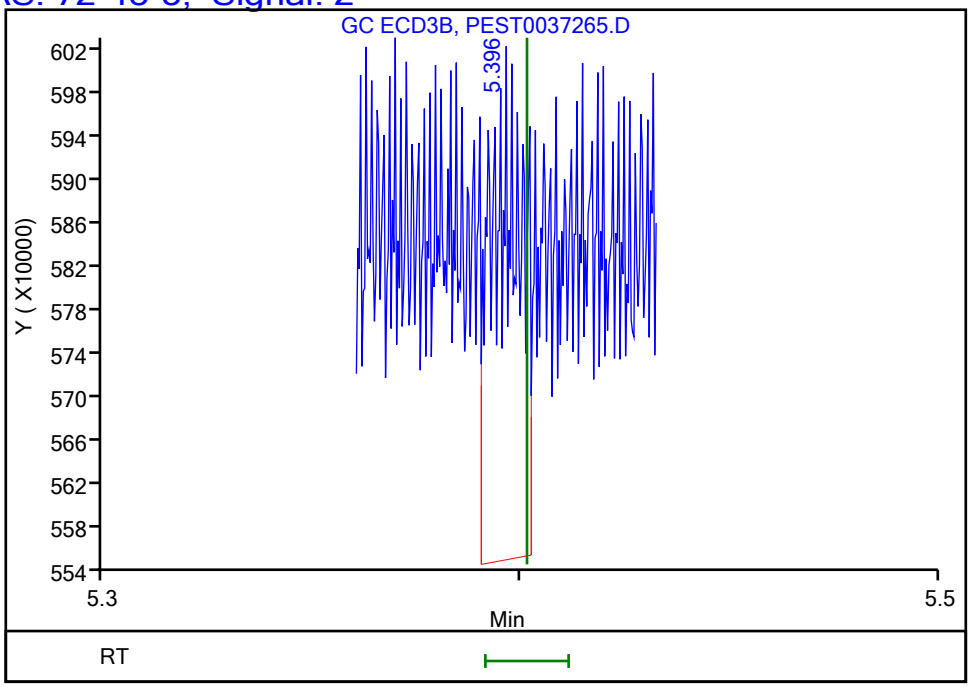
RT: 7.00
Response: 14189
Amount: 0.018555



Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.40
Response: 214034
Amount: 0.354606



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-842217/1-A

Matrix: Solid | Lab File ID: PEST0037265.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/30/2022 18:29

Sample wt/vol: 15.00(g) | Date Analyzed: 05/02/2022 05:08

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842342 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	1.1	U	6.7	1.1
72-55-9	4,4'-DDE	0.79	U	6.7	0.79
50-29-3	4,4'-DDT	1.2	U	6.7	1.2
309-00-2	Aldrin	1.0	U	6.7	1.0
319-84-6	alpha-BHC	0.68	U	2.0	0.68
319-85-7	beta-BHC	0.75	U	2.0	0.75
12789-03-6	Chlordane (technical)	16	U	67	16
319-86-8	delta-BHC	0.41	U	2.0	0.41
60-57-1	Dieldrin	0.87	U	2.0	0.87
959-98-8	Endosulfan I	1.0	U	6.7	1.0
33213-65-9	Endosulfan II	1.7	U	6.7	1.7
1031-07-8	Endosulfan sulfate	0.84	U	6.7	0.84
72-20-8	Endrin	0.96	U	6.7	0.96
7421-93-4	Endrin aldehyde	1.6	U	6.7	1.6
53494-70-5	Endrin ketone	1.3	U	6.7	1.3
58-89-9	gamma-BHC (Lindane)	0.62	U	2.0	0.62
76-44-8	Heptachlor	0.79	U	6.7	0.79
1024-57-3	Heptachlor epoxide	1.0	U	6.7	1.0
72-43-5	Methoxychlor	1.5	U	6.7	1.5
8001-35-2	Toxaphene	24	U	67	24

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		43-150
877-09-8	Tetrachloro-m-xylene	83		26-137

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Lims ID: MB 460-842217/1-A
Client ID:
Sample Type: MB
Inject. Date: 02-May-2022 05:08:02 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144751-009
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-May-2022 06:51:26 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1671

First Level Reviewer: manlangitf Date: 02-May-2022 05:35:50

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							M
1	1.635	1.634	0.001	180405365	100.0	100.0	
2	1.539	1.539	0.000	240471246	100.0	100.0	M
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.168	2.169	-0.001	80555965	50.0	41.2	
2	1.900	1.903	-0.003	116600505	50.0	41.5	
						RPD = 0.80	
$ 24 DCB Decachlorobiphenyl							
1	8.442	8.445	-0.003	63934335	50.0	44.6	
2	7.439	7.441	-0.002	117354457	50.0	43.5	
						RPD = 2.39	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

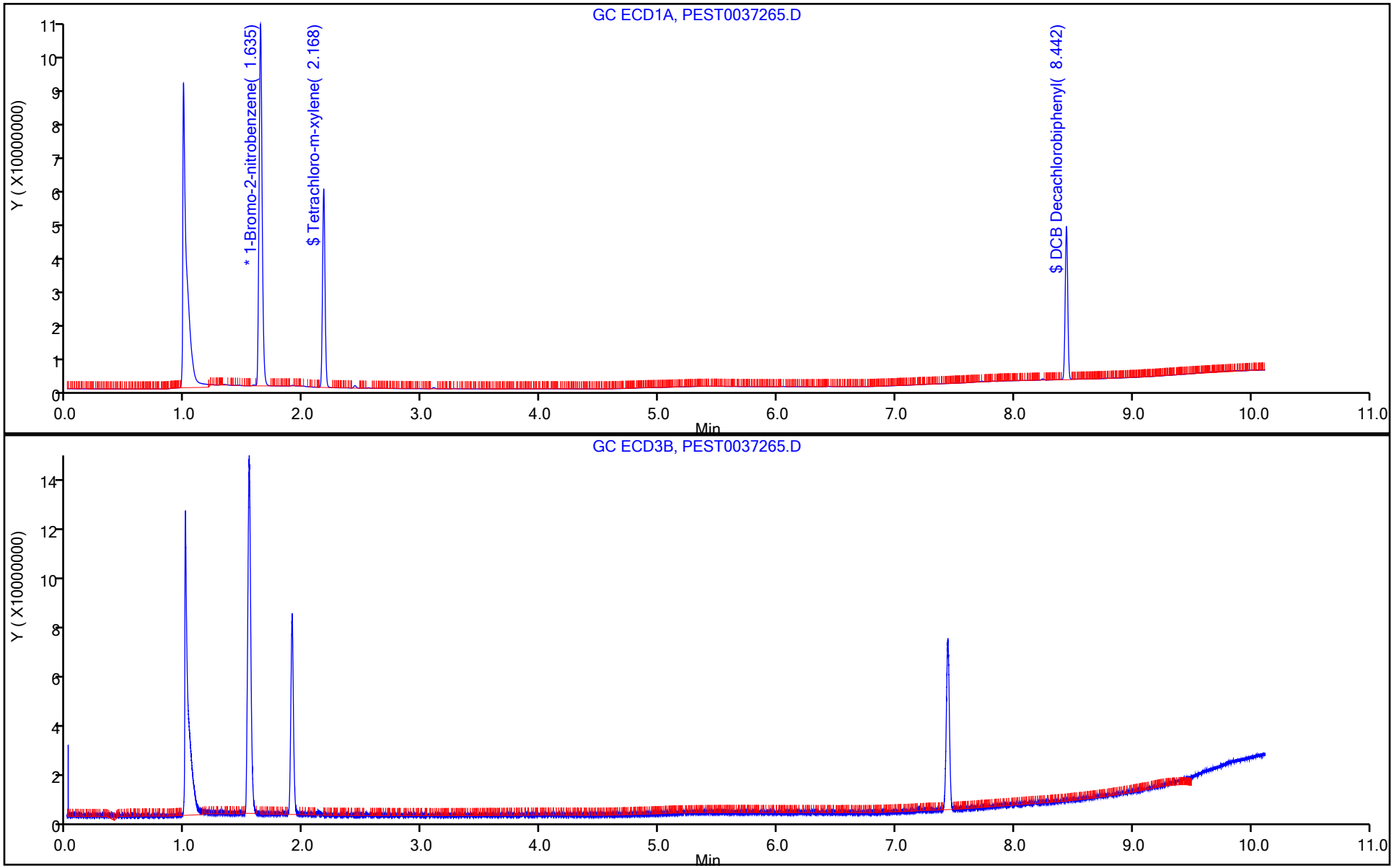
SGPESTISTD_00018 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-May-2022 06:51:57 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D

Injection Date:	02-May-2022 05:08:02	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	MB 460-842217/1-A			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



User Disabled Compound Report

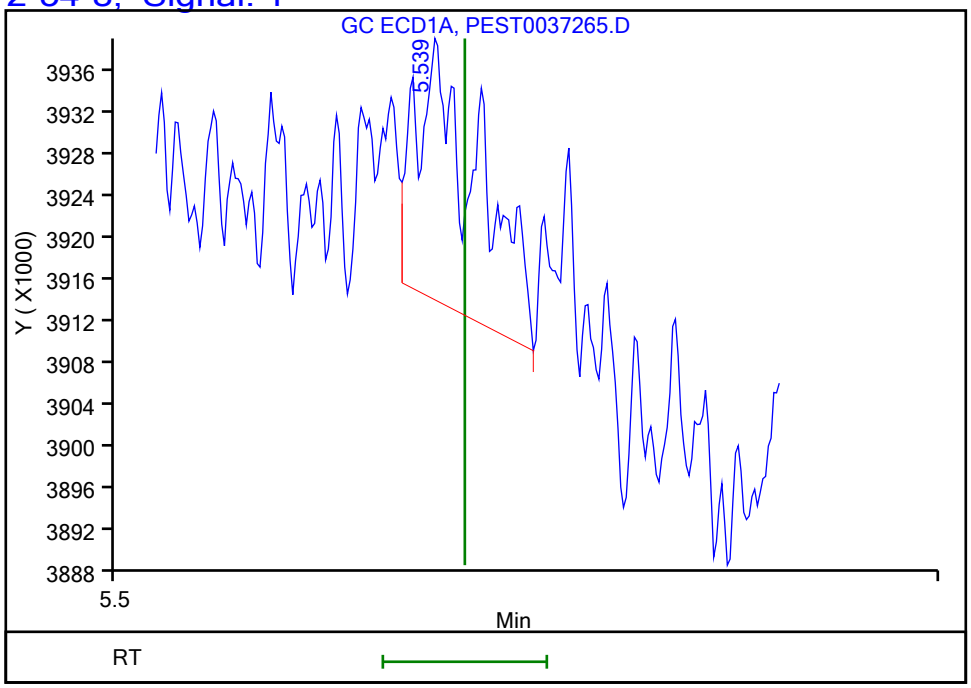
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

16 4,4'-DDD, CAS: 72-54-8, Signal: 1

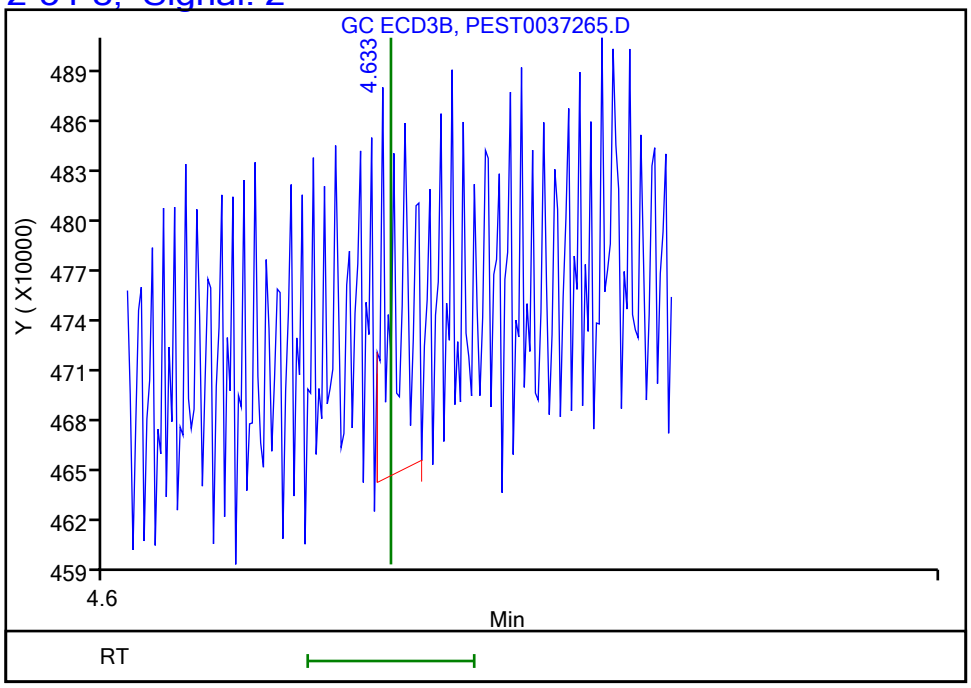
RT: 5.54
Response: 13320
Amount: 0.007616



Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.63
Response: 32913
Amount: 0.023893



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

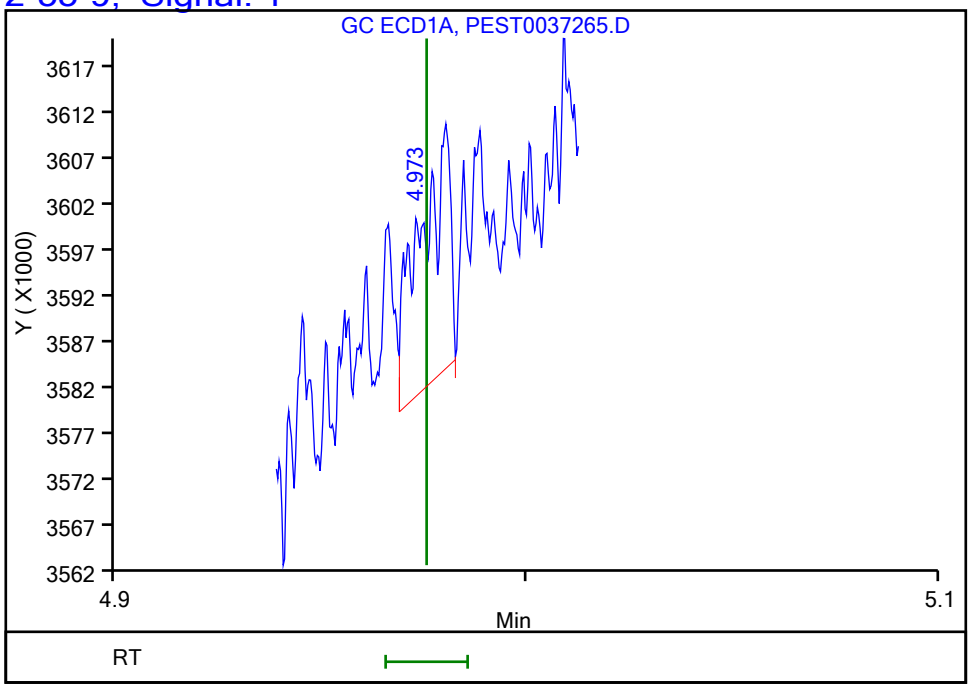
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

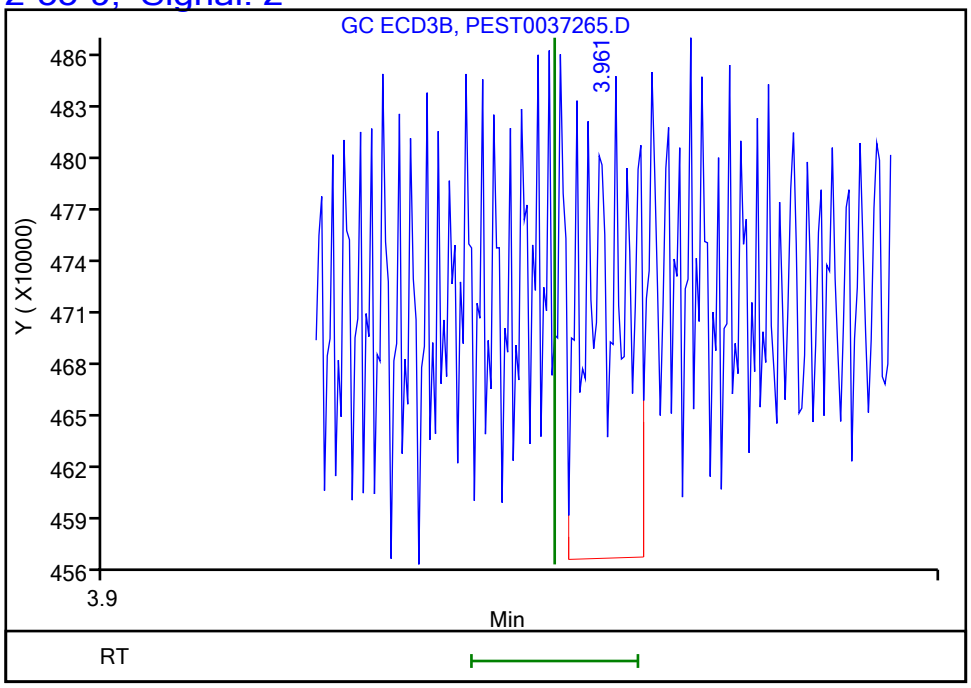
RT: 4.97
Response: 13905
Amount: 0.006897



Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.96
Response: 82669
Amount: 0.049697



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

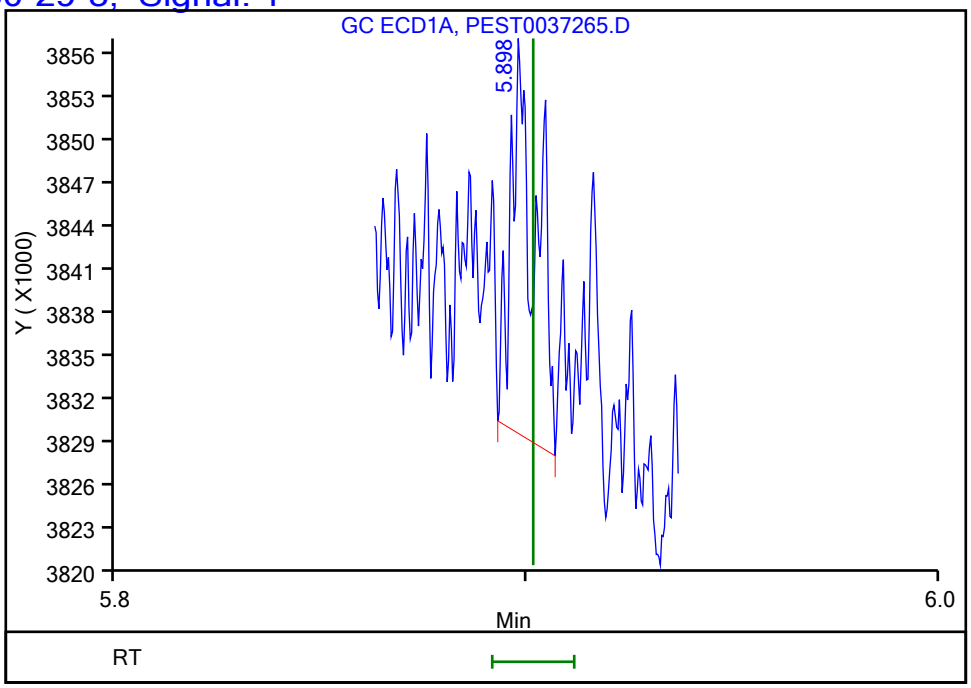
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

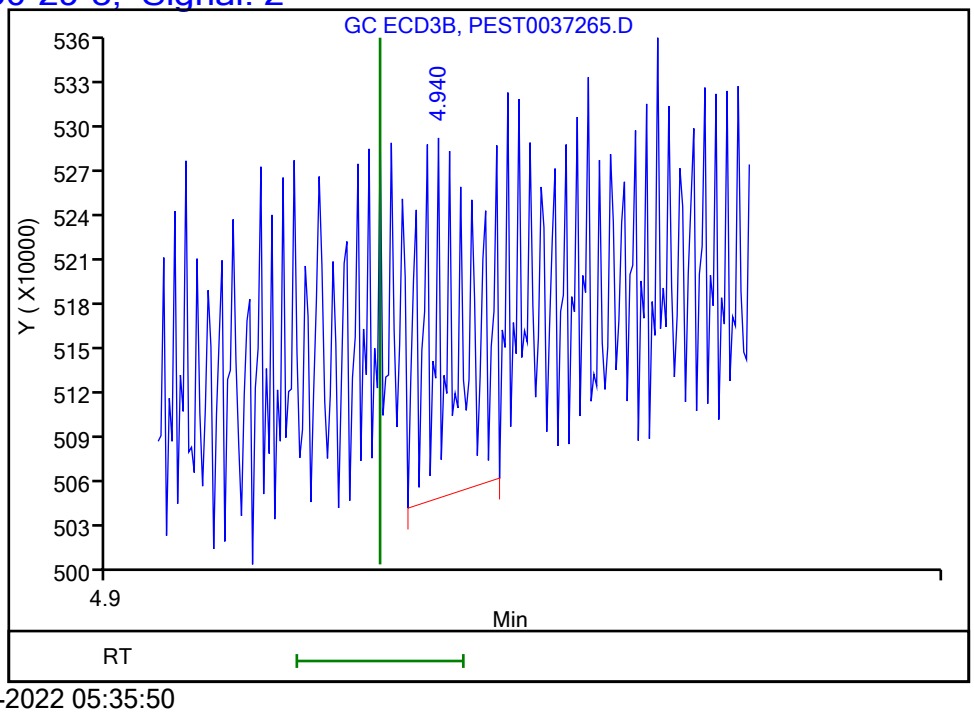
RT: 5.90
Response: 11475
Amount: 0.008246



Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.94
Response: 70117
Amount: 0.060893



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

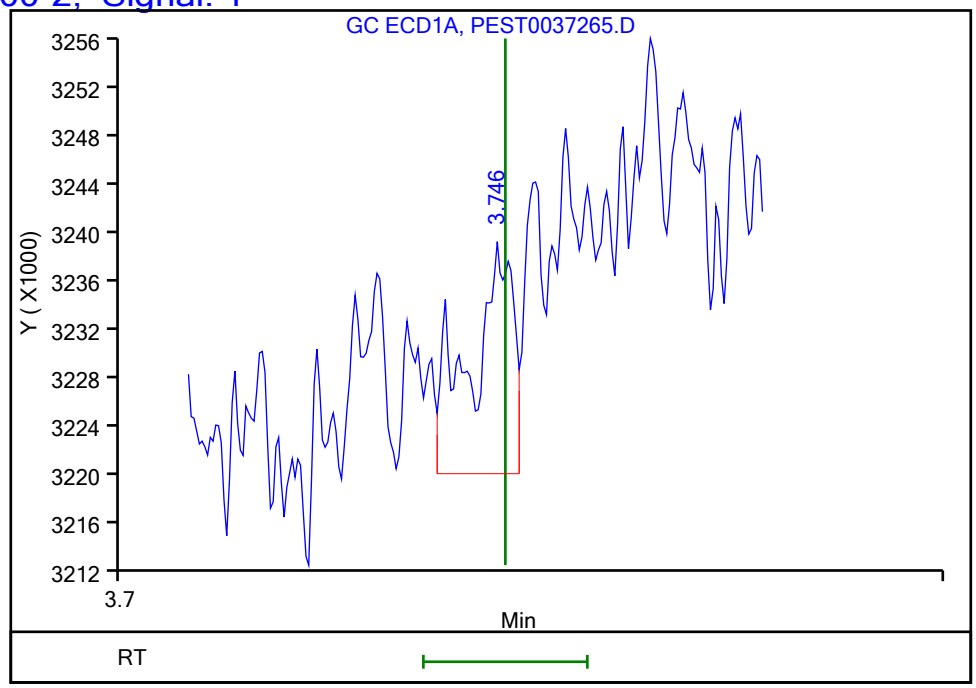
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

8 Aldrin, CAS: 309-00-2, Signal: 1

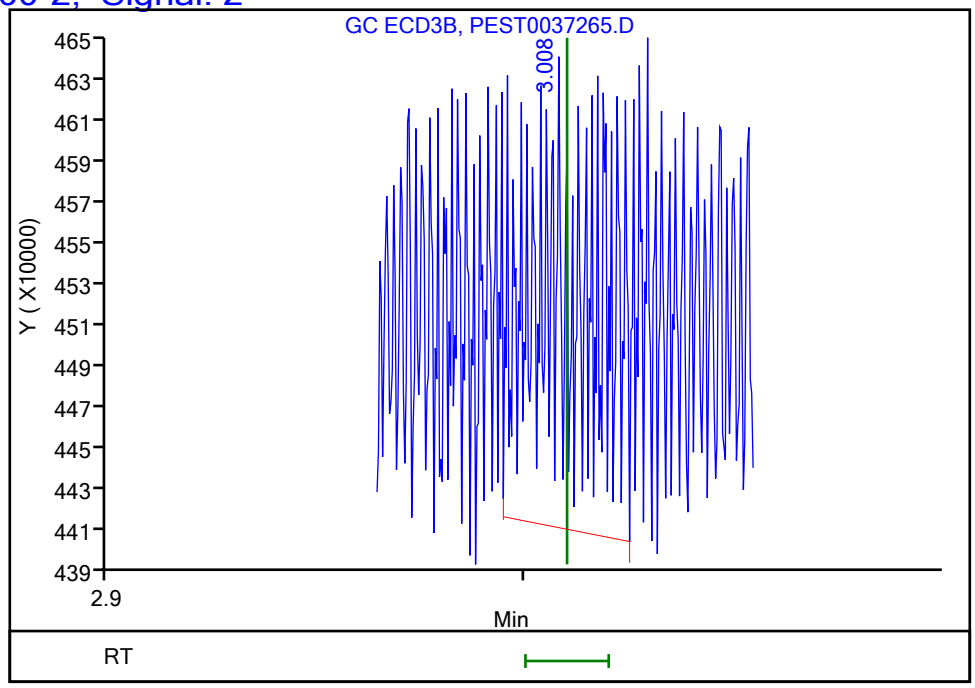
RT: 3.75
Response: 6655
Amount: 0.002909



Column: Detector GC ECD2B

8 Aldrin, CAS: 309-00-2, Signal: 2

RT: 3.01
Response: 195945
Amount: 0.107901



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

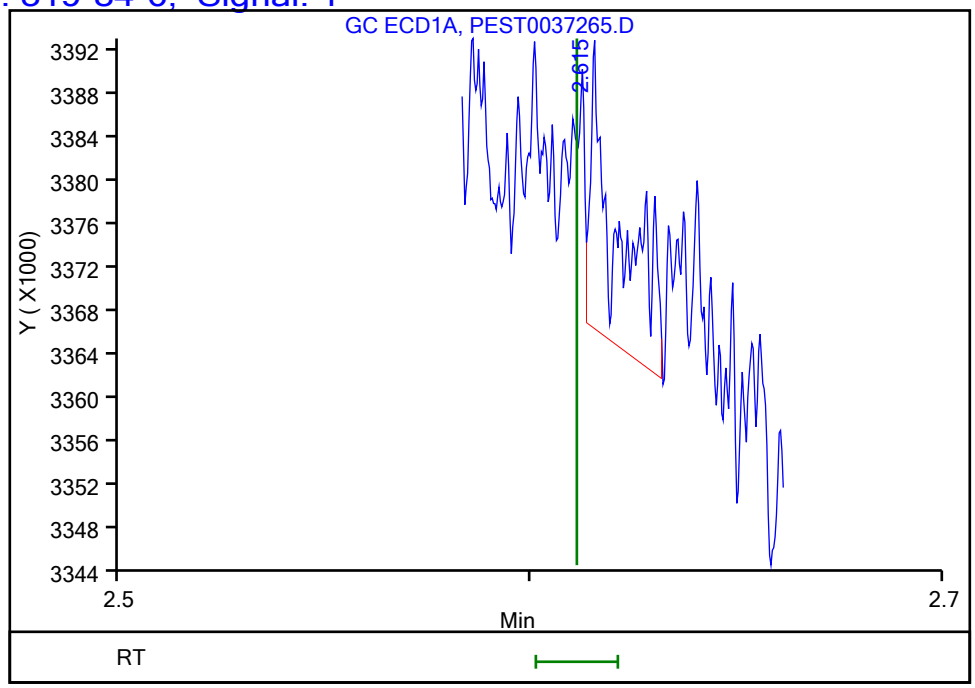
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

15 alpha-BHC, CAS: 319-84-6, Signal: 1

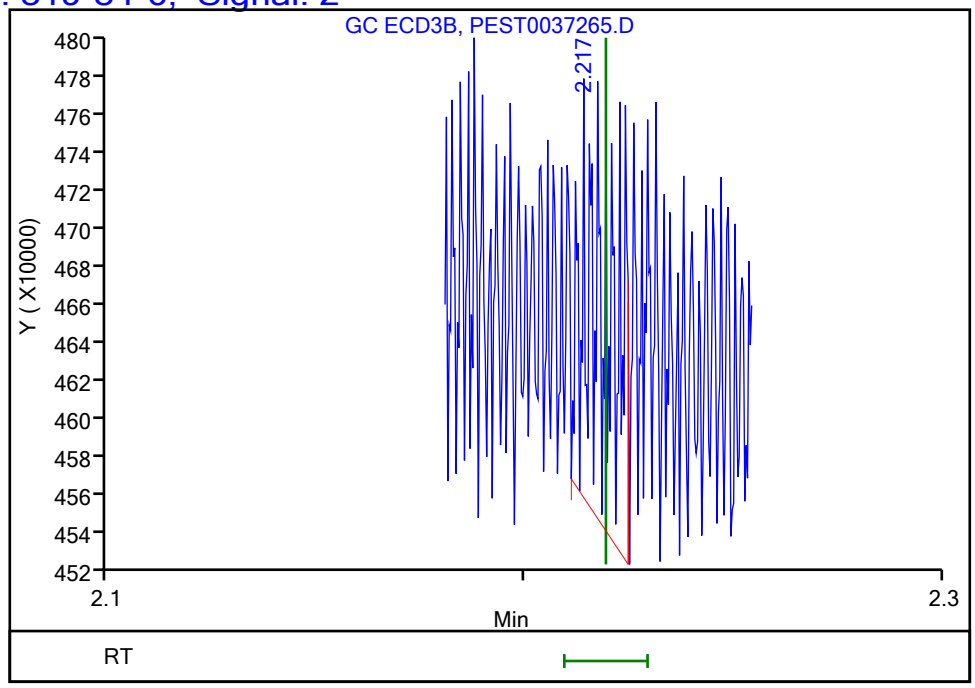
RT: 2.62
Response: 12168
Amount: 0.004351



Column: Detector GC ECD2B

15 alpha-BHC, CAS: 319-84-6, Signal: 2

RT: 2.22
Response: 88646
Amount: 0.043176



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

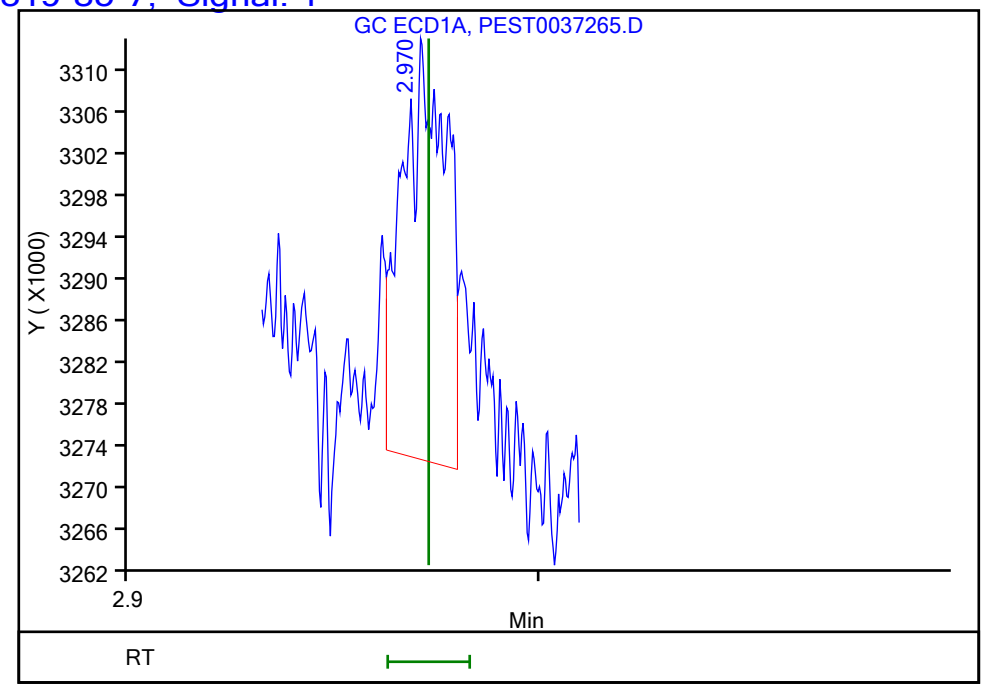
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

6 beta-BHC, CAS: 319-85-7, Signal: 1

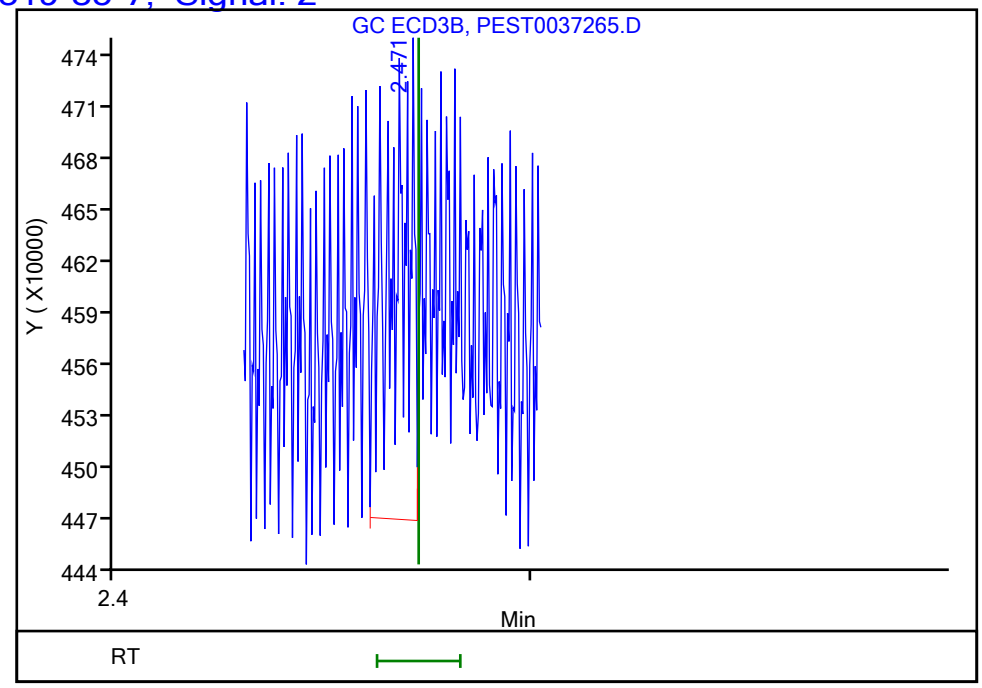
RT: 2.97
Response: 30040
Amount: 0.029990



Column: Detector GC ECD2B

6 beta-BHC, CAS: 319-85-7, Signal: 2

RT: 2.47
Response: 95665
Amount: 0.132313



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

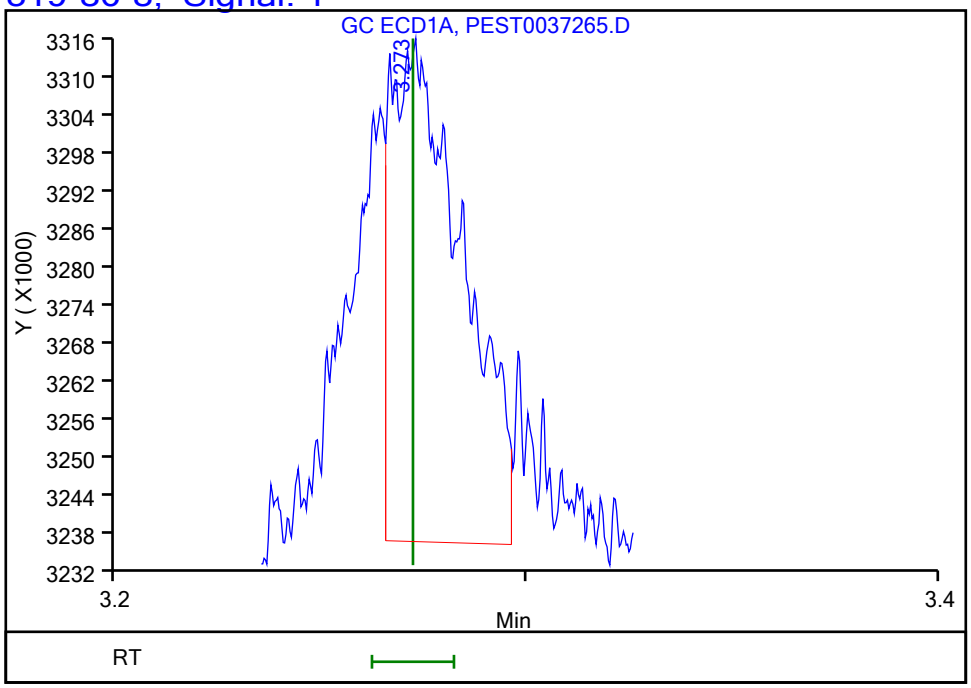
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

32 delta-BHC, CAS: 319-86-8, Signal: 1

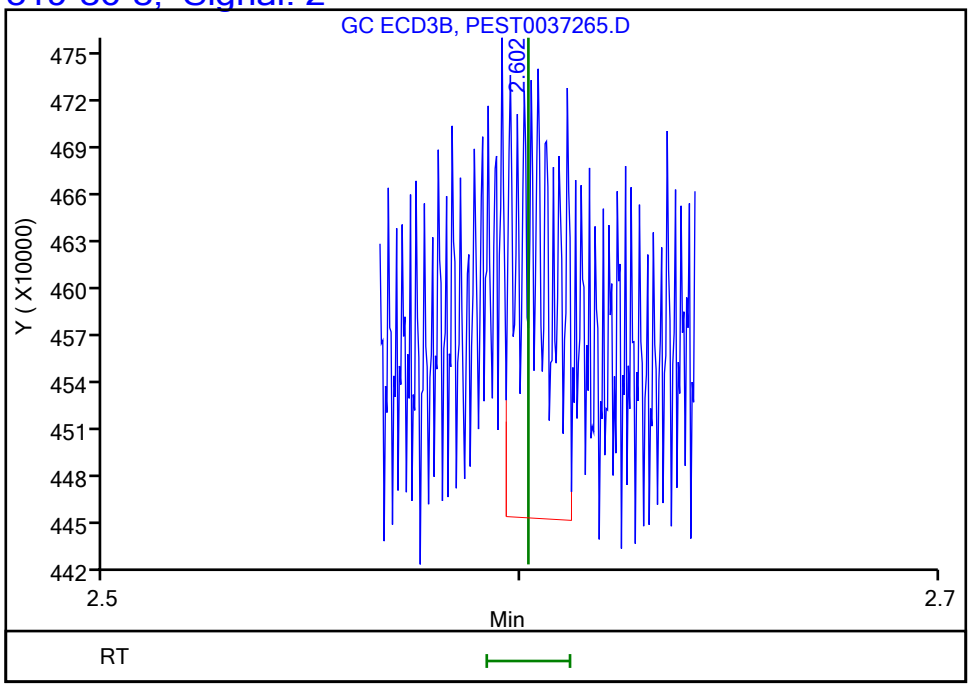
RT: 3.27
Response: 96171
Amount: 0.039544



Column: Detector GC ECD2B

32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.60
Response: 160601
Amount: 0.089310



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

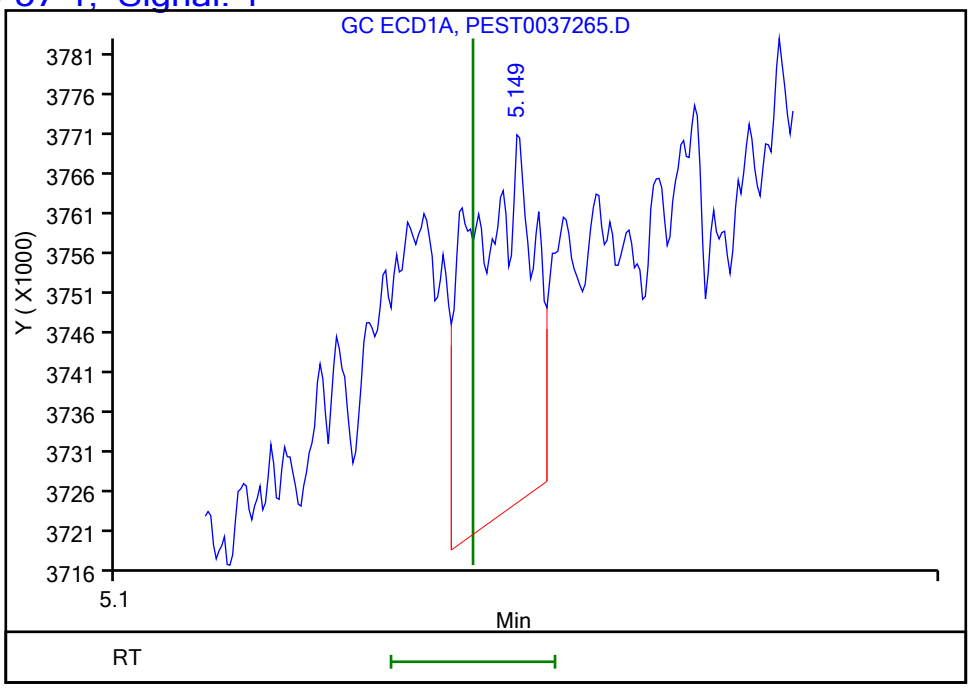
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

30 Dieldrin, CAS: 60-57-1, Signal: 1

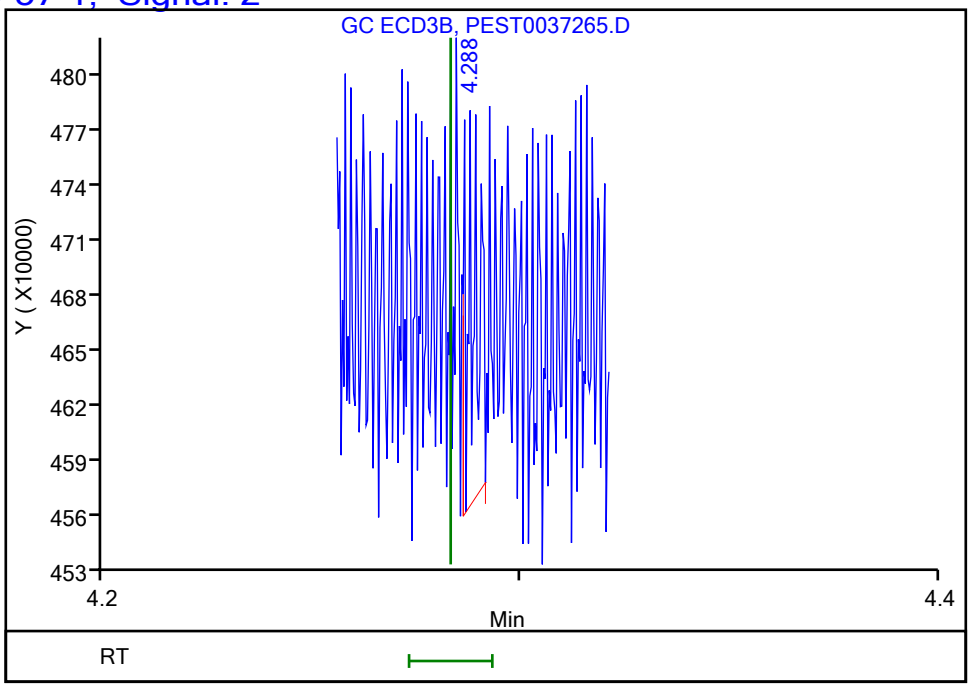
RT: 5.15
Response: 24840
Amount: 0.011620



Column: Detector GC ECD2B

30 Dieldrin, CAS: 60-57-1, Signal: 2

RT: 4.29
Response: 32845
Amount: 0.019454



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

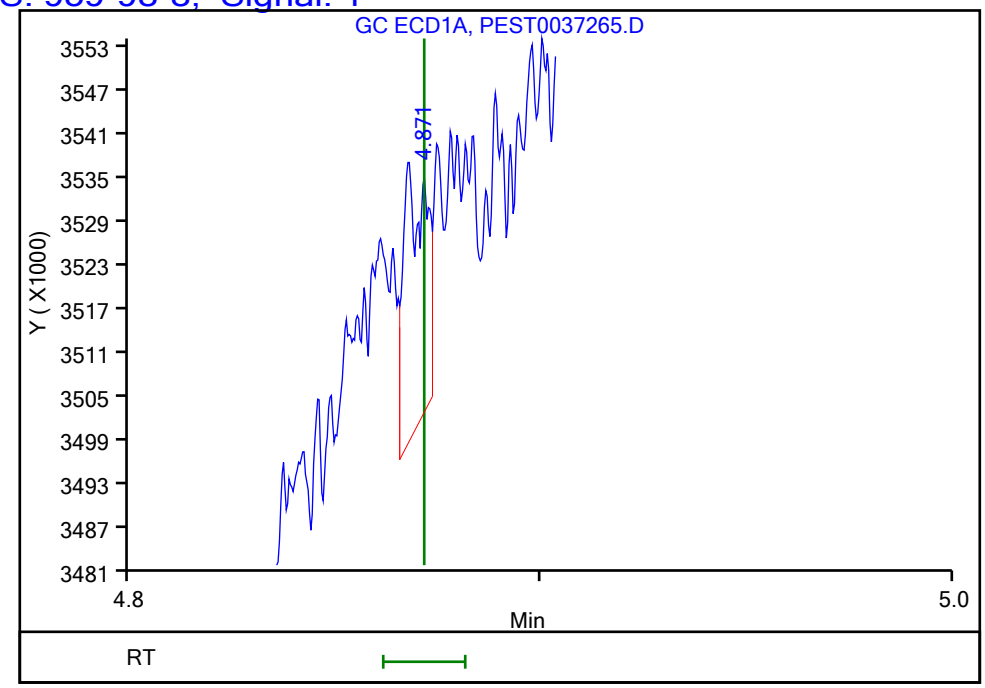
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

7 Endosulfan I, CAS: 959-98-8, Signal: 1

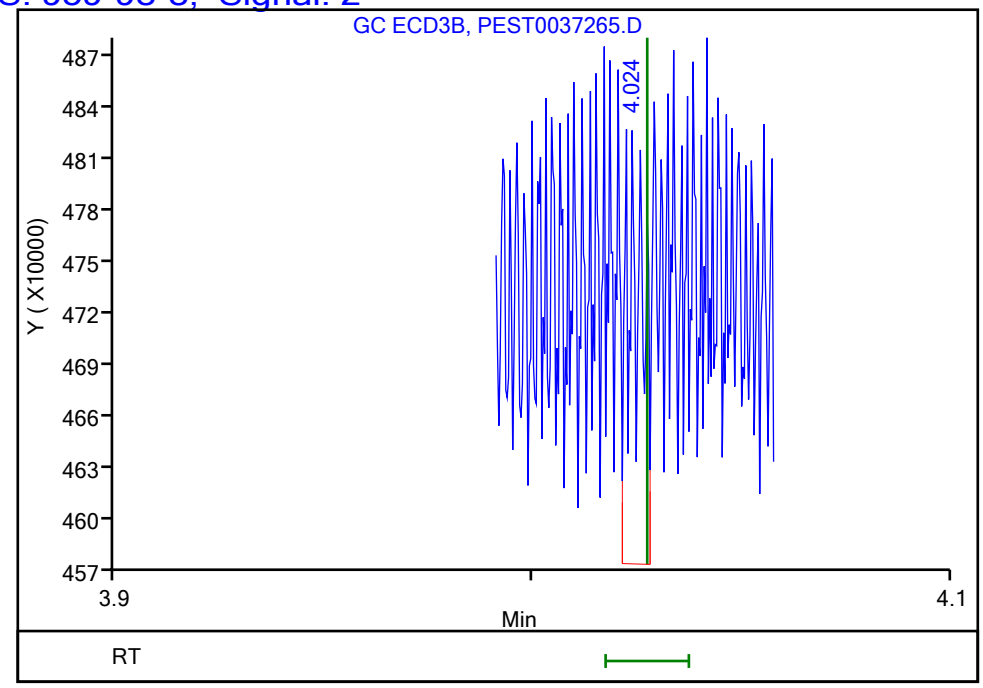
RT: 4.87
Response: 13947
Amount: 0.007392



Column: Detector GC ECD2B

7 Endosulfan I, CAS: 959-98-8, Signal: 2

RT: 4.02
Response: 59886
Amount: 0.040095



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

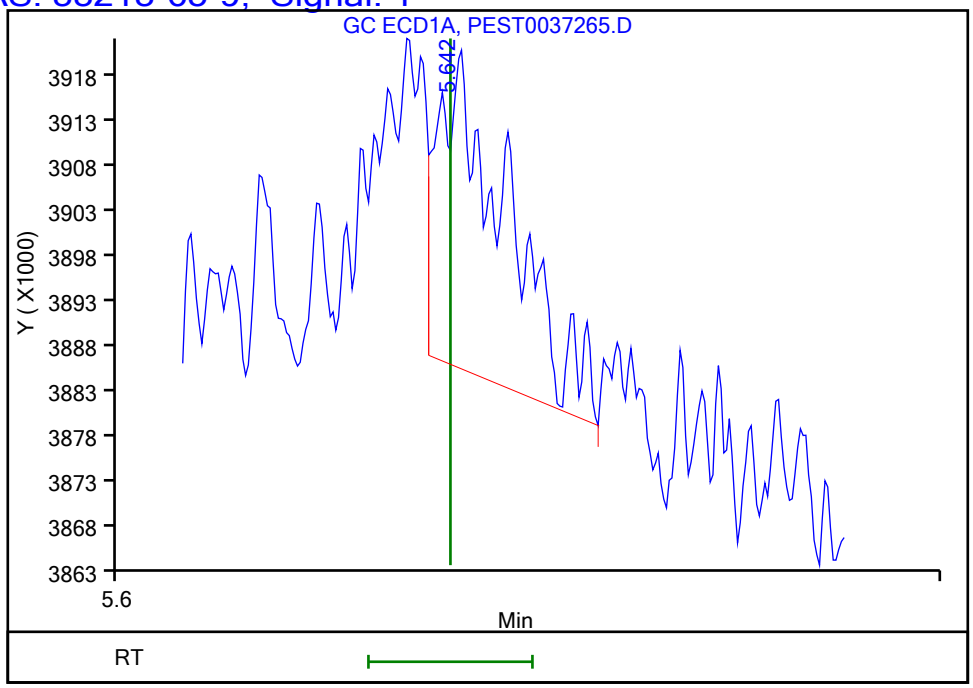
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

11 Endosulfan II, CAS: 33213-65-9, Signal: 1

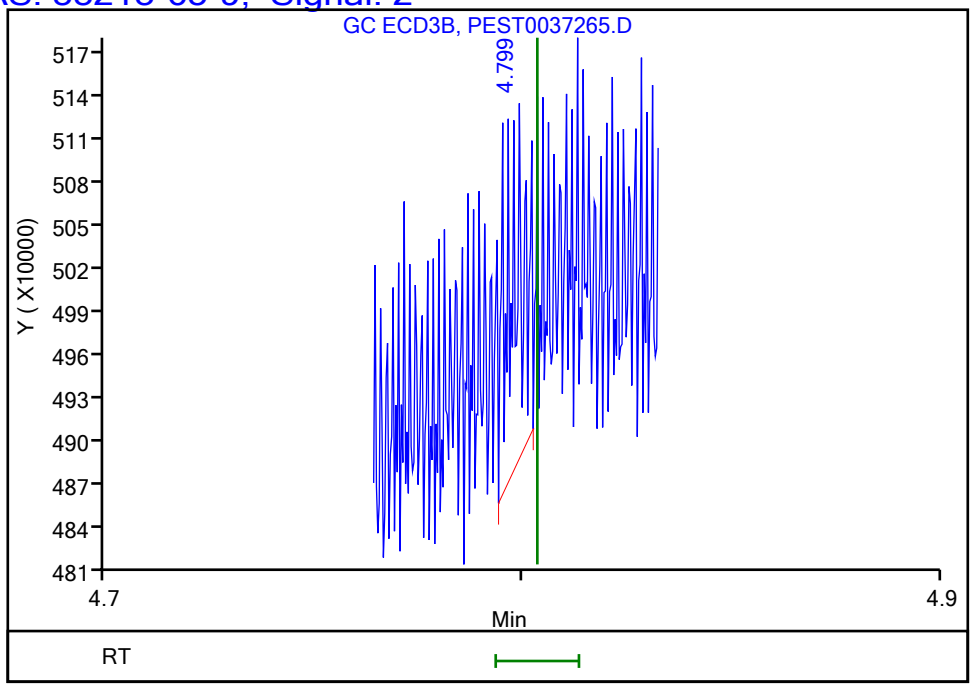
RT: 5.64
Response: 20834
Amount: 13.349794



Column: Detector GC ECD2B

11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.80
Response: 59913
Amount: 13.783522



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

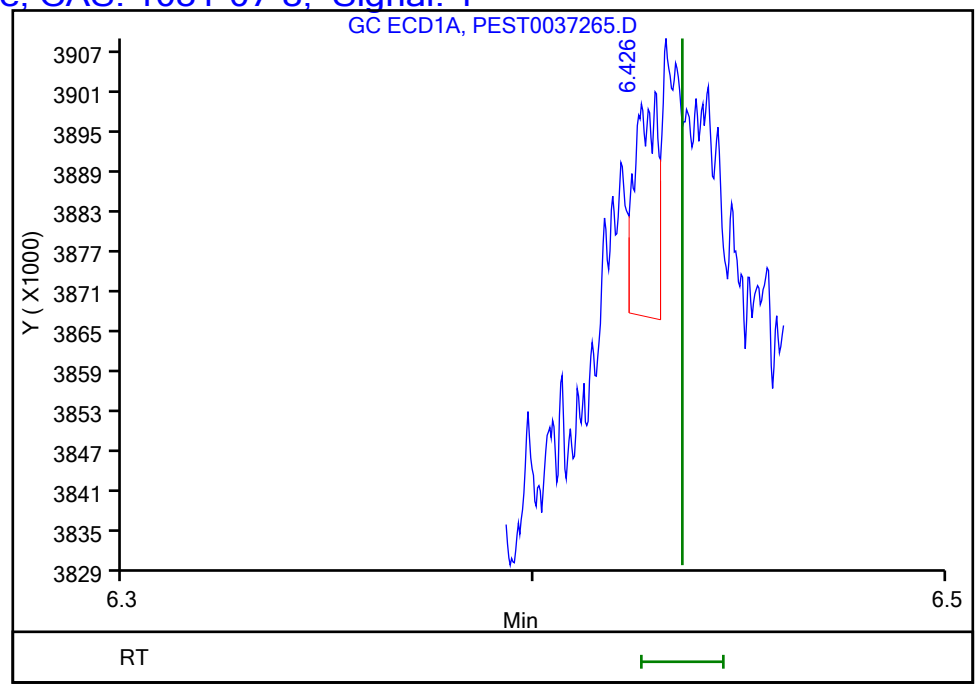
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 1

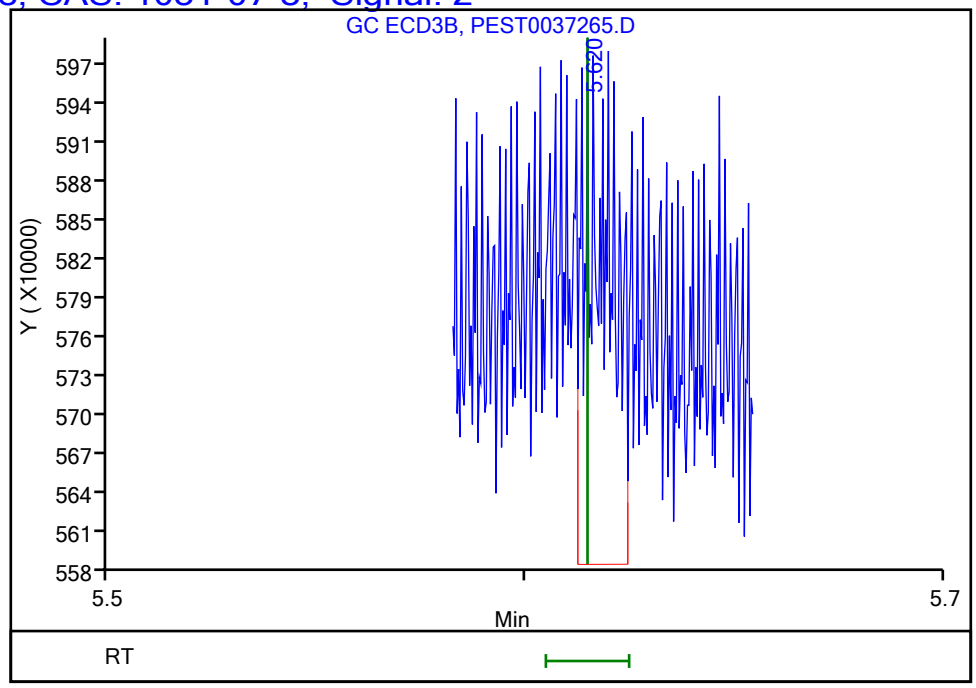
RT: 6.43
Response: 12211
Amount: 0.007521



Column: Detector GC ECD2B

3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 2

RT: 5.62
Response: 164095
Amount: 0.133686



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

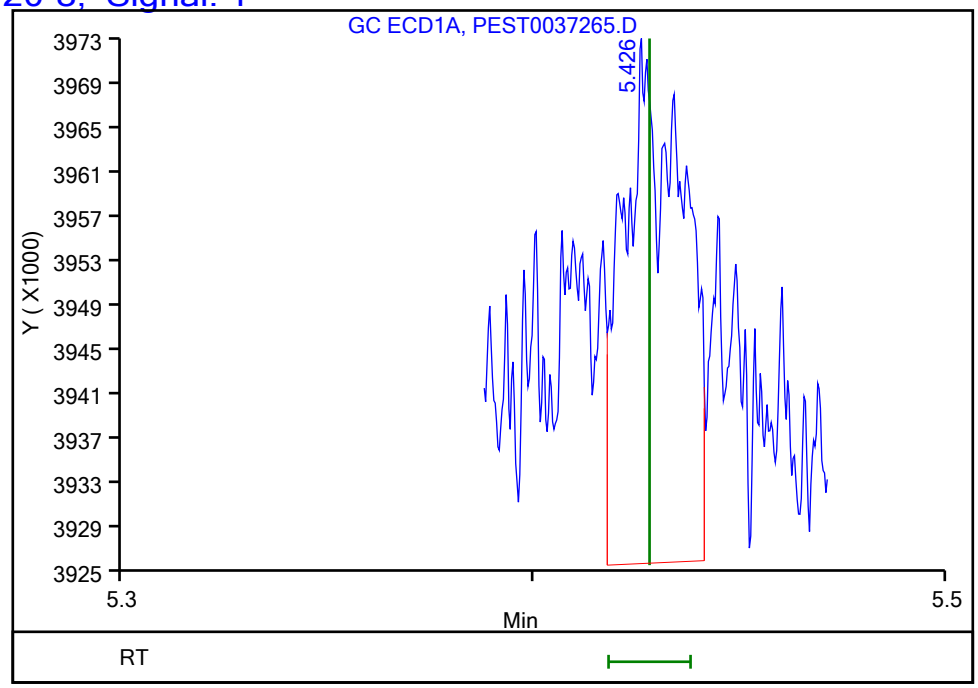
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

20 Endrin, CAS: 72-20-8, Signal: 1

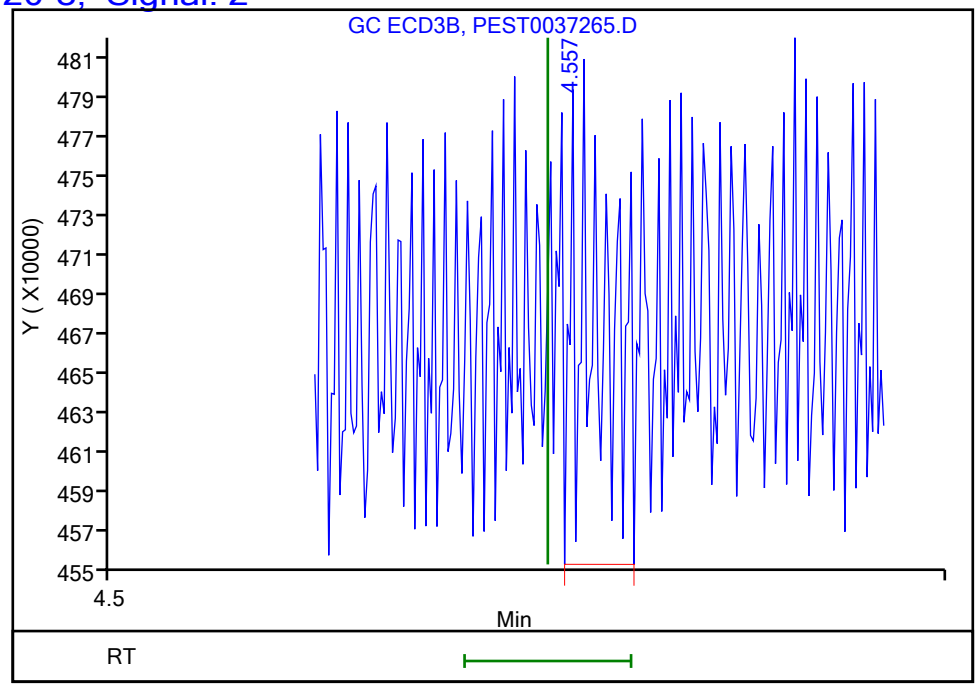
RT: 5.43
Response: 45871
Amount: 0.026607



Column: Detector GC ECD2B

20 Endrin, CAS: 72-20-8, Signal: 2

RT: 4.56
Response: 55916
Amount: 0.041718



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

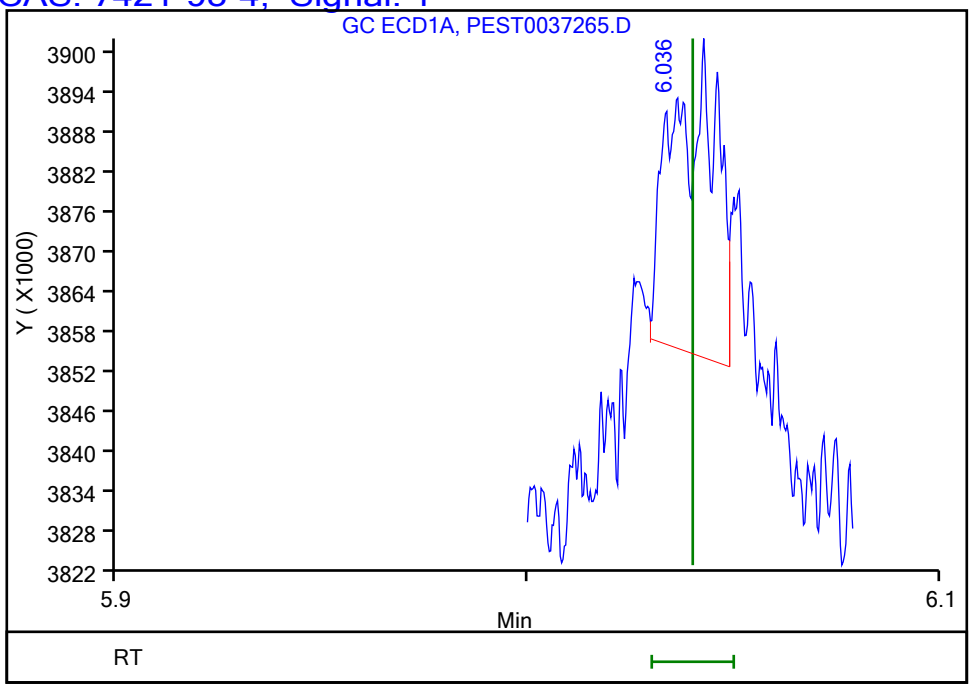
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

5 Endrin aldehyde, CAS: 7421-93-4, Signal: 1

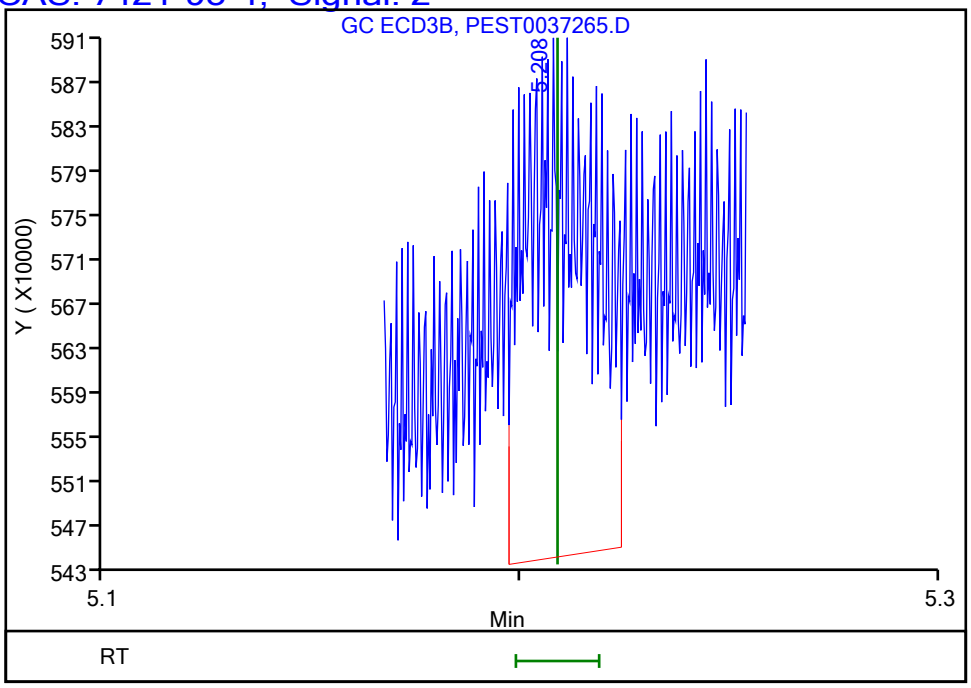
RT: 6.04
Response: 34797
Amount: 0.022174



Column: Detector GC ECD2B

5 Endrin aldehyde, CAS: 7421-93-4, Signal: 2

RT: 5.21
Response: 474401
Amount: 9.936454



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

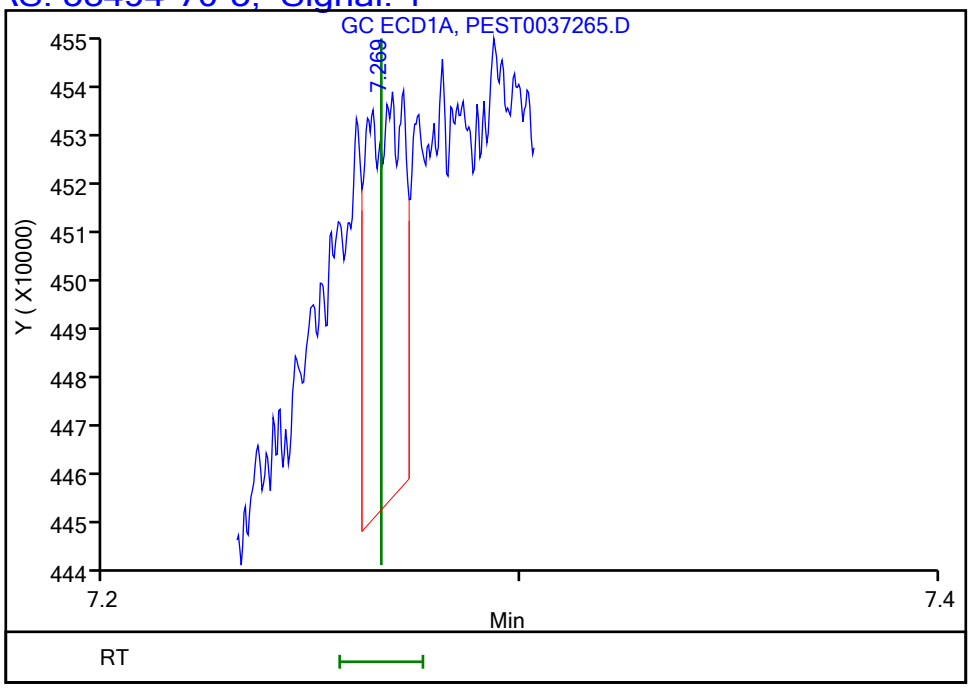
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

13 Endrin ketone, CAS: 53494-70-5, Signal: 1

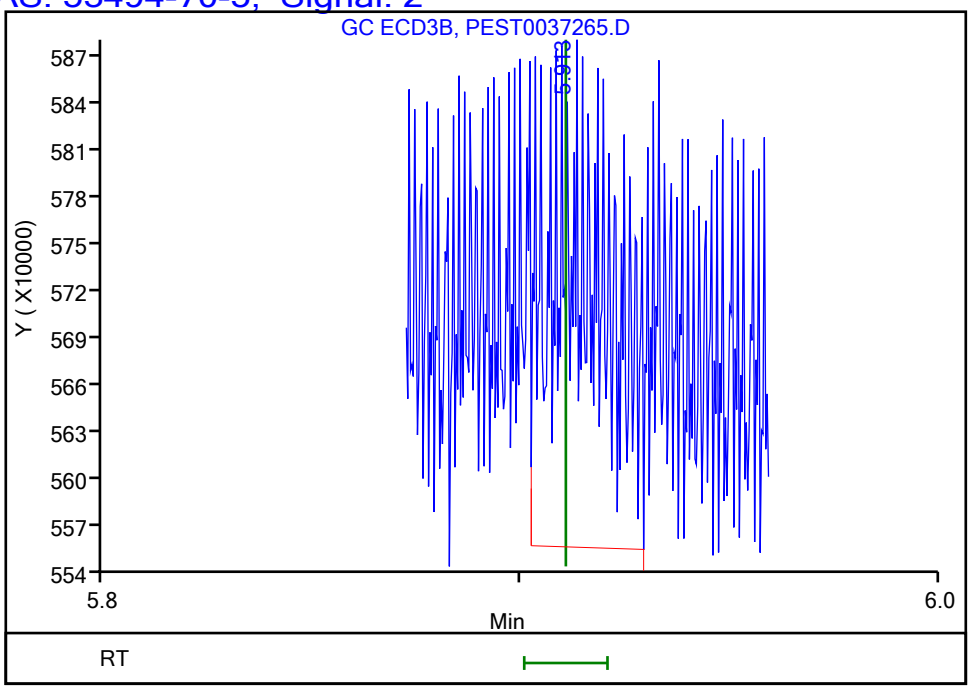
RT: 7.27
Response: 49547
Amount: 0.024303



Column: Detector GC ECD2B

13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.91
Response: 253882
Amount: 0.161900



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

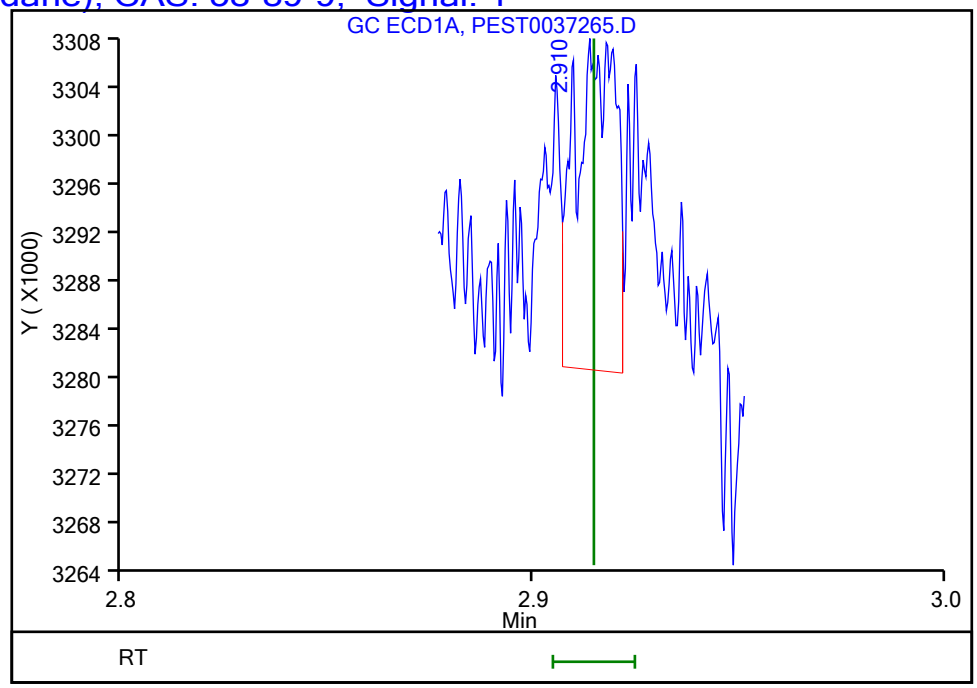
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

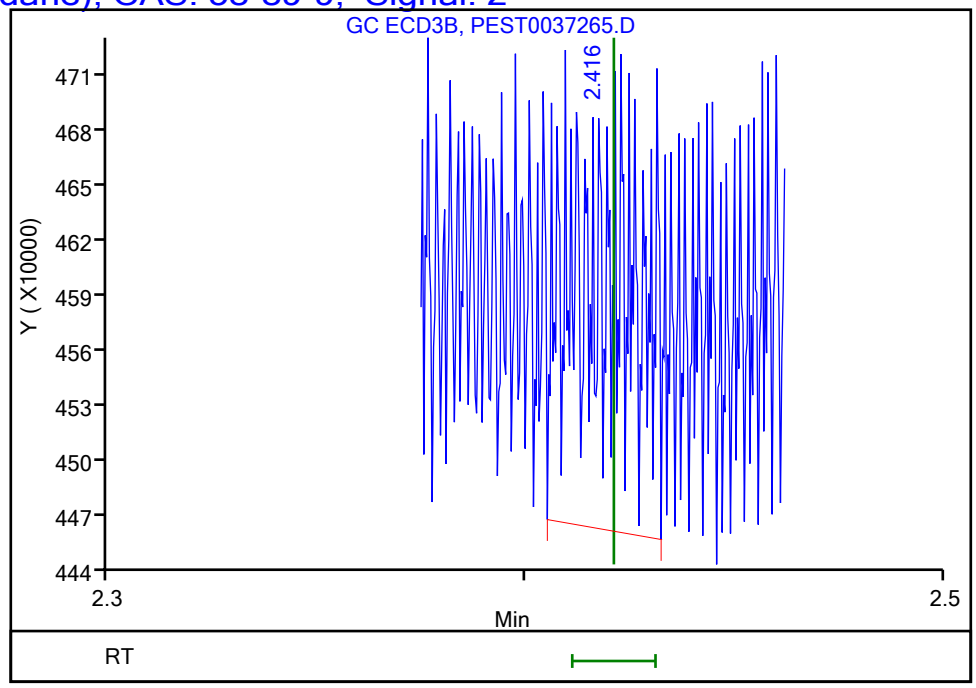
RT: 2.91
Response: 18115
Amount: 0.007079



Column: Detector GC ECD2B

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.42
Response: 212480
Amount: 0.110530



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

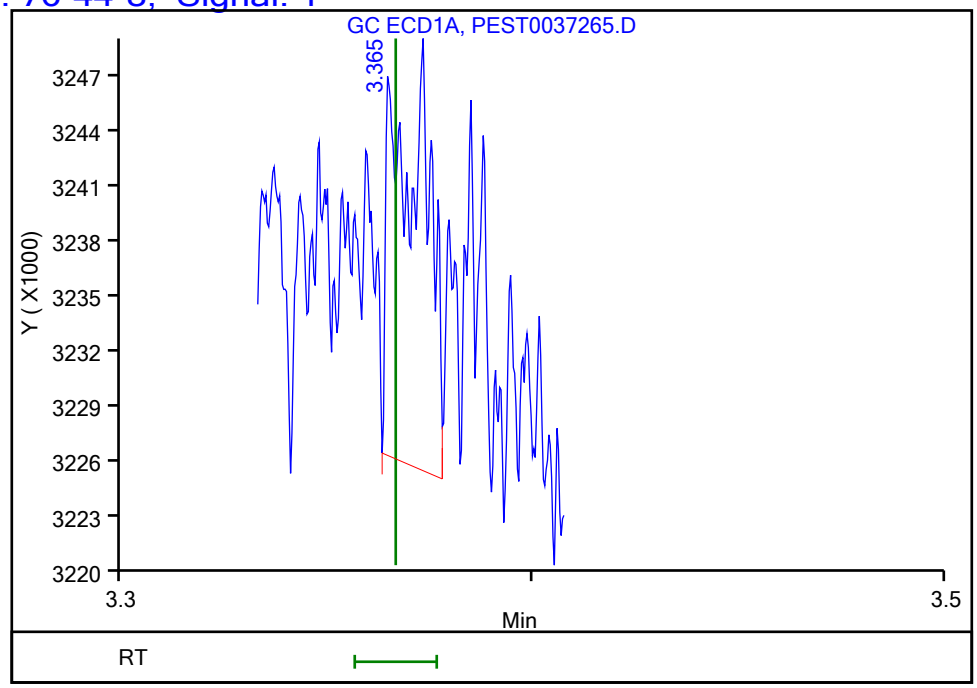
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

18 Heptachlor, CAS: 76-44-8, Signal: 1

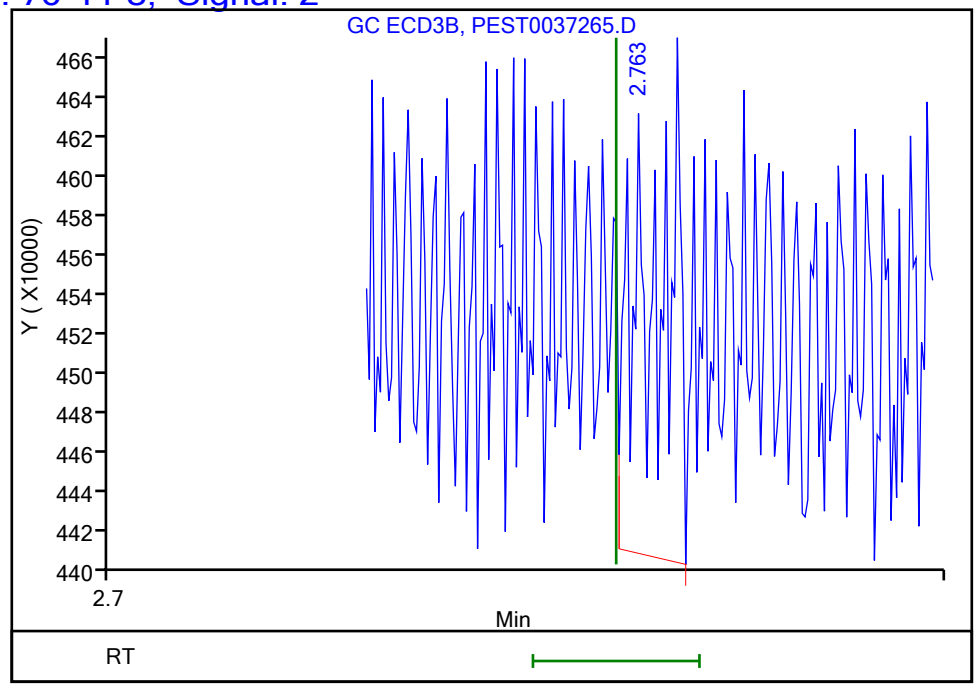
RT: 3.36
Response: 12815
Amount: 0.006160



Column: Detector GC ECD2B

18 Heptachlor, CAS: 76-44-8, Signal: 2

RT: 2.76
Response: 61452
Amount: 0.037910



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

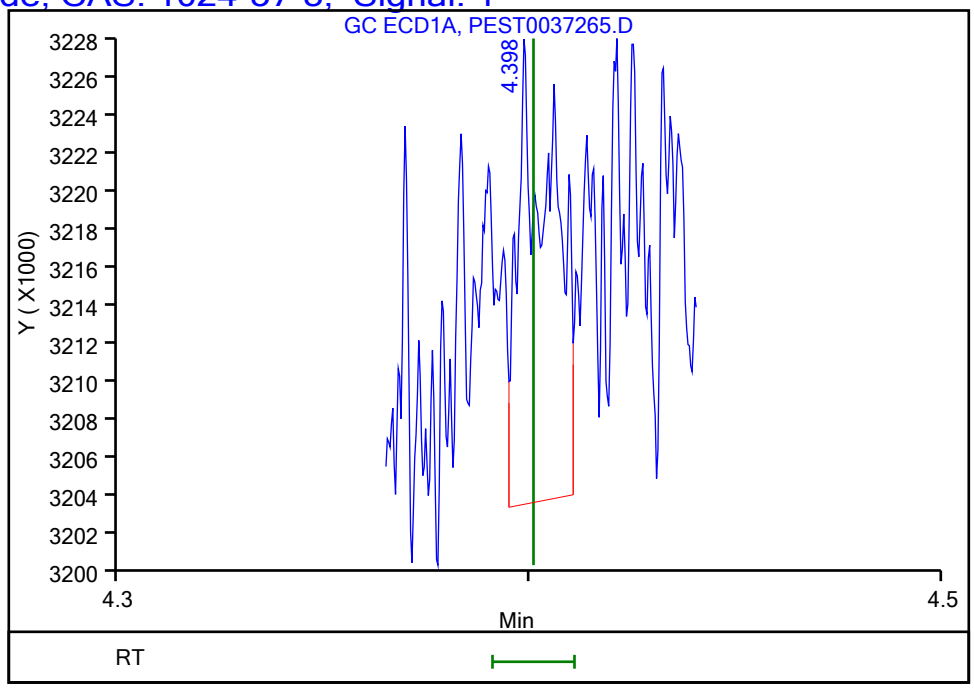
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 1

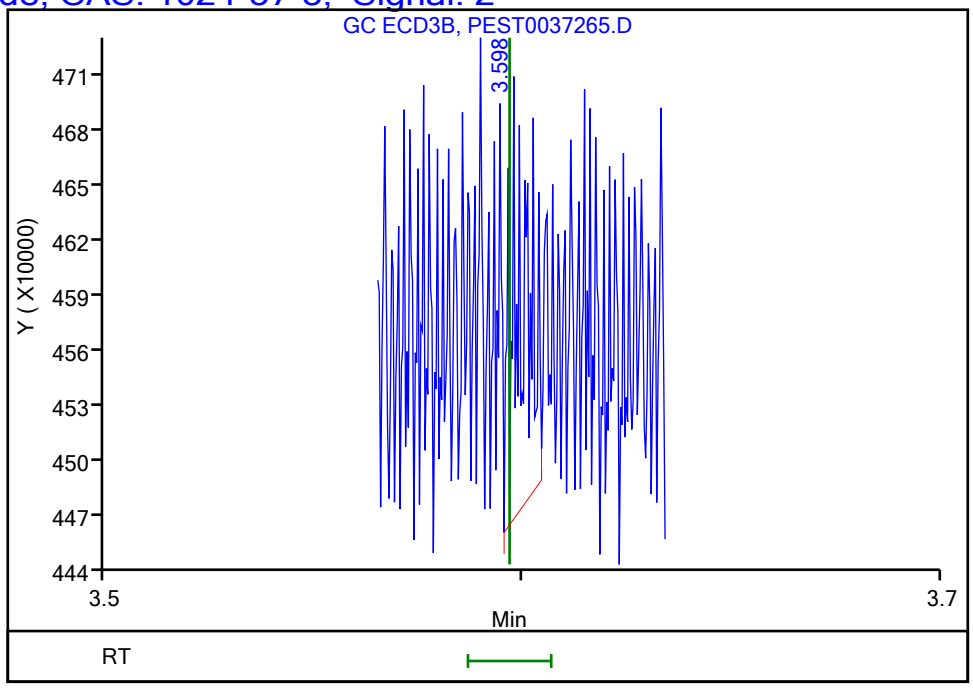
RT: 4.40
Response: 14103
Amount: 0.006826



Column: Detector GC ECD2B

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 2

RT: 3.60
Response: 53681
Amount: 0.032685



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

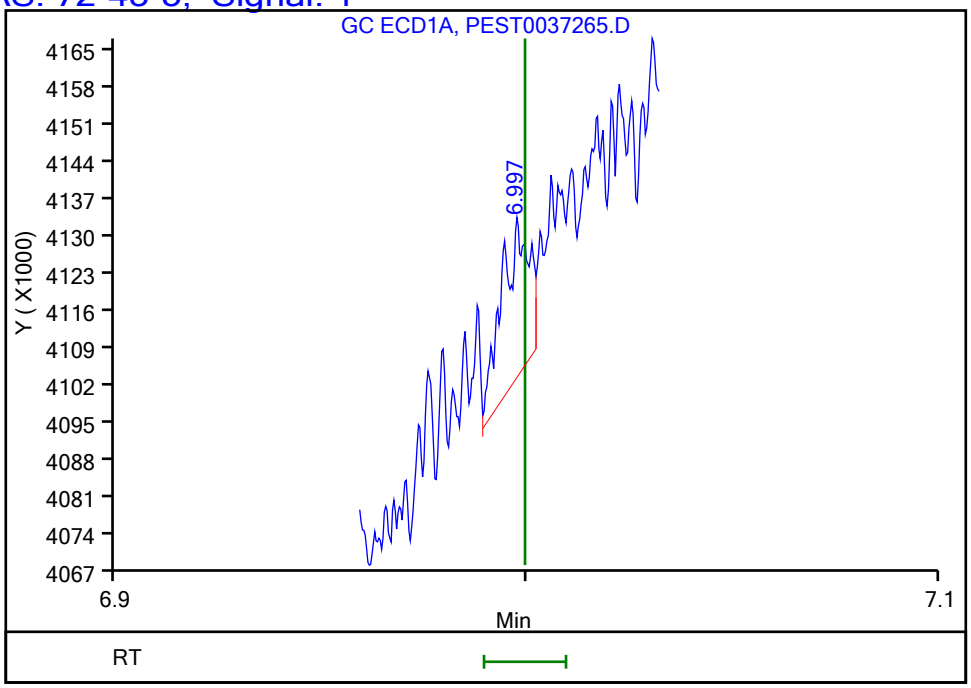
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5, Signal: 1

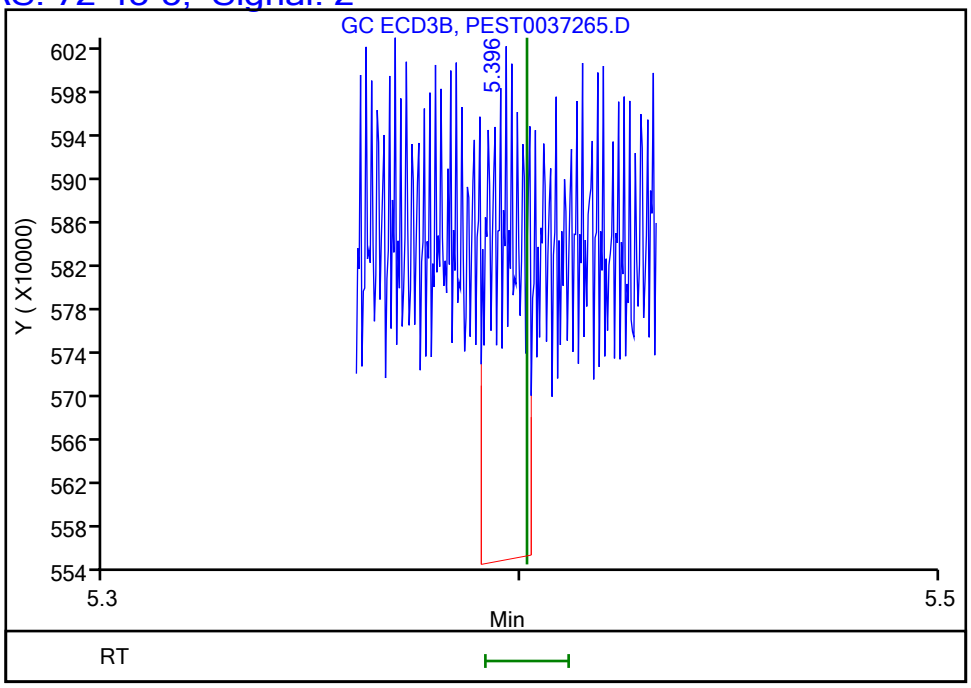
RT: 7.00
Response: 14189
Amount: 0.018555



Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.40
Response: 214034
Amount: 0.354606



Reviewer: manlangitf, 02-May-2022 05:35:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

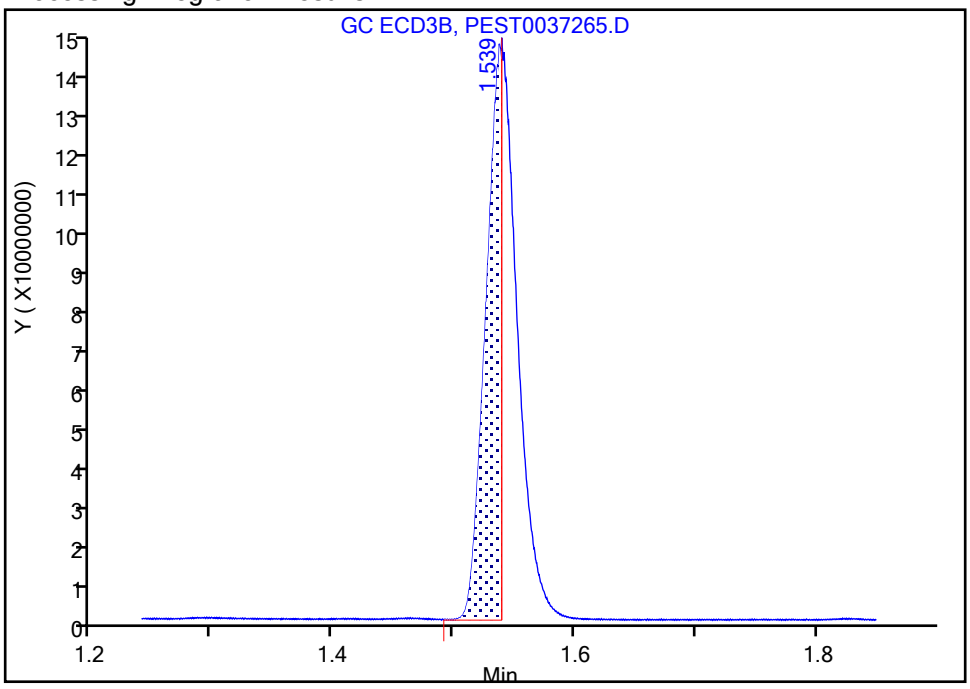
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037265.D
Injection Date: 02-May-2022 05:08:02 Instrument ID: CPESTGC12
Lims ID: MB 460-842217/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

* 37 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

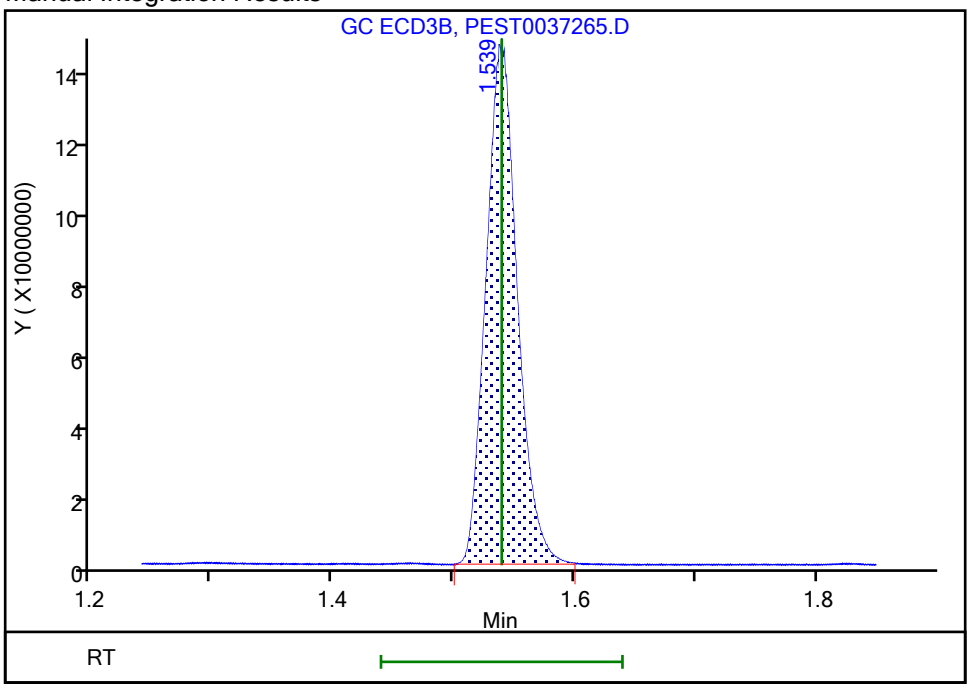
Processing Integration Results

RT: 1.54
Area: 118055670
Amount: 100.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.54
Area: 240471246
Amount: 100.0000
Amount Units: ug/l



Reviewer: manlangitf, 02-May-2022 05:36:11
Audit Action: Manually Integrated Audit Reason: Peak not integrated

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-842342/1

Matrix: Solid | Lab File ID: PEST0037257.D

Analysis Method: 8081B | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 05/02/2022 03:29

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842342 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0060	U	0.020	0.0060
72-55-9	4,4'-DDE	0.0020	U	0.020	0.0020
50-29-3	4,4'-DDT	0.0040	U	0.020	0.0040
309-00-2	Aldrin	0.0030	U	0.020	0.0030
319-84-6	alpha-BHC	0.0070	U	0.020	0.0070
319-85-7	beta-BHC	0.015	U	0.020	0.015
12789-03-6	Chlordane (technical)	0.055	U	0.50	0.055
319-86-8	delta-BHC	0.0050	U	0.020	0.0050
60-57-1	Dieldrin	0.0030	U	0.020	0.0030
959-98-8	Endosulfan I	0.0020	U	0.020	0.0020
33213-65-9	Endosulfan II	0.0040	U	0.020	0.0040
1031-07-8	Endosulfan sulfate	0.0060	U	0.020	0.0060
72-20-8	Endrin	0.0040	U	0.020	0.0040
7421-93-4	Endrin aldehyde	0.0080	U	0.020	0.0080
53494-70-5	Endrin ketone	0.0080	U	0.020	0.0080
58-89-9	gamma-BHC (Lindane)	0.012	U	0.020	0.012
76-44-8	Heptachlor	0.0030	U	0.020	0.0030
1024-57-3	Heptachlor epoxide	0.0050	U	0.020	0.0050
72-43-5	Methoxychlor	0.0040	U	0.020	0.0040
8001-35-2	Toxaphene	0.11	U	0.50	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	91		43-150
877-09-8	Tetrachloro-m-xylene	86		26-137

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 02-May-2022 03:29:36 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144751-001
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-May-2022 06:50:44 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1671

First Level Reviewer: manlangitf Date: 02-May-2022 03:58:10

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.633	1.635	-0.002	180504408	100.0	100.0	
2	1.540	1.538	0.002	233326385	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.168	2.169	-0.001	33668227	20.0	17.2	
2	1.902	1.903	-0.001	53132341	20.0	19.5	
						RPD = 12.50	
$ 24 DCB Decachlorobiphenyl							
1	8.446	8.445	0.001	26182802	20.0	18.3	
2	7.441	7.441	0.000	48226496	20.0	18.4	
						RPD = 1.03	

QC Flag Legend
Processing Flags

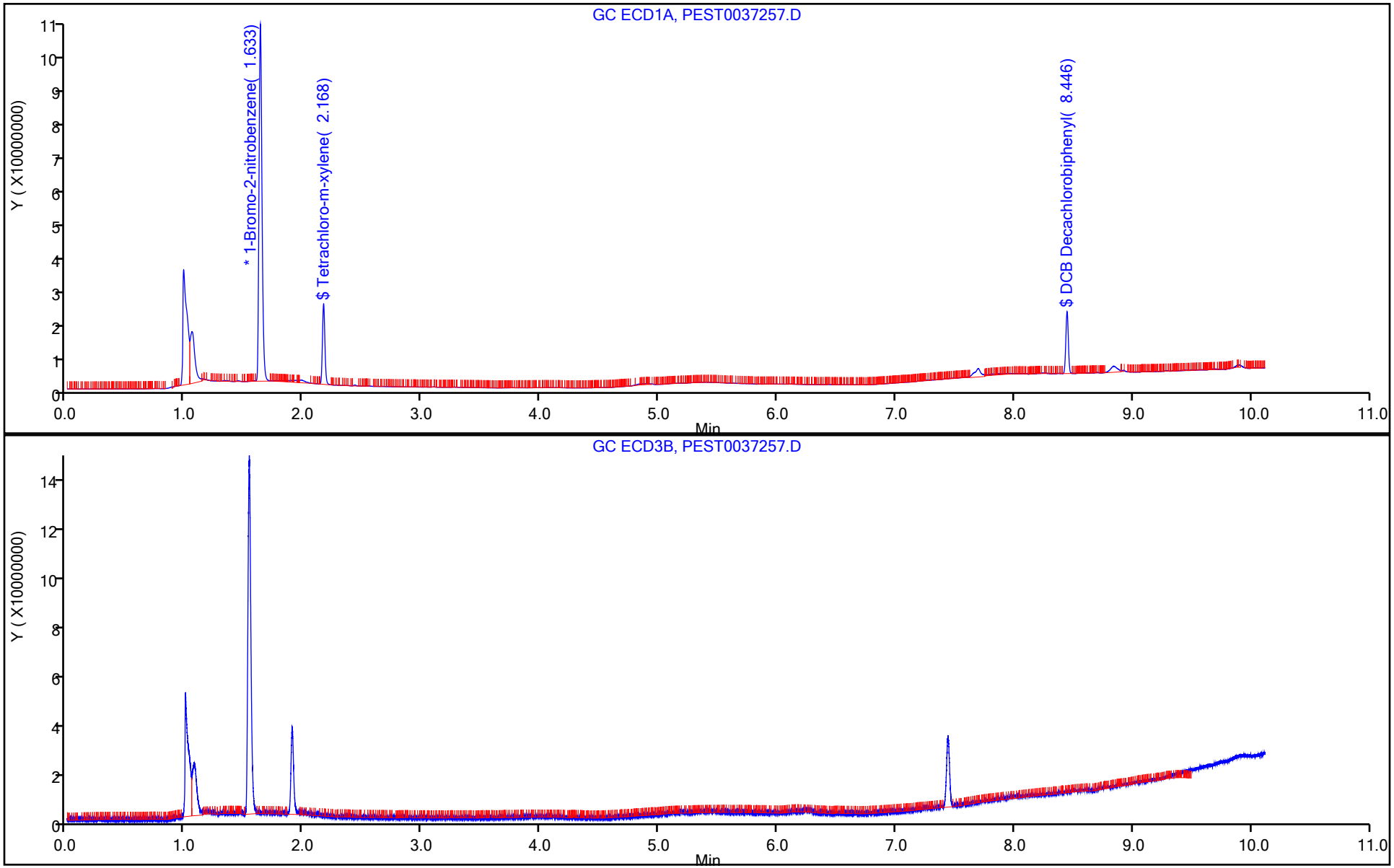
Reagents:
SGPIBLK_00033 Amount Added: 1.00 Units: mL
SGPESTISTD_00018 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-May-2022 06:50:46 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D

Injection Date:	02-May-2022 03:29:36	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	PIBLK			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



User Disabled Compound Report

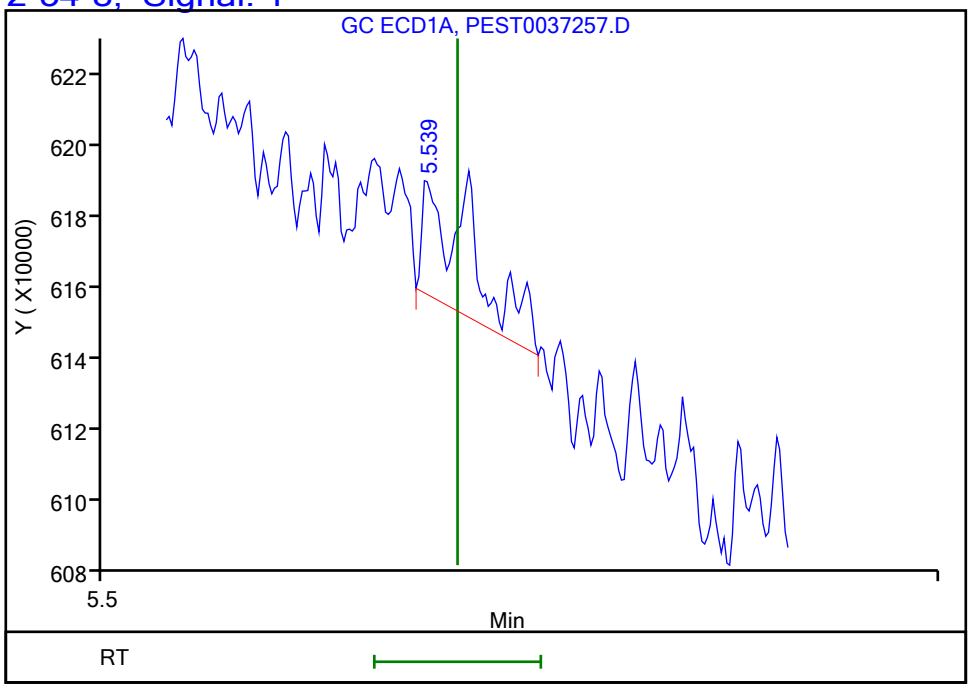
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

16 4,4'-DDD, CAS: 72-54-8, Signal: 1

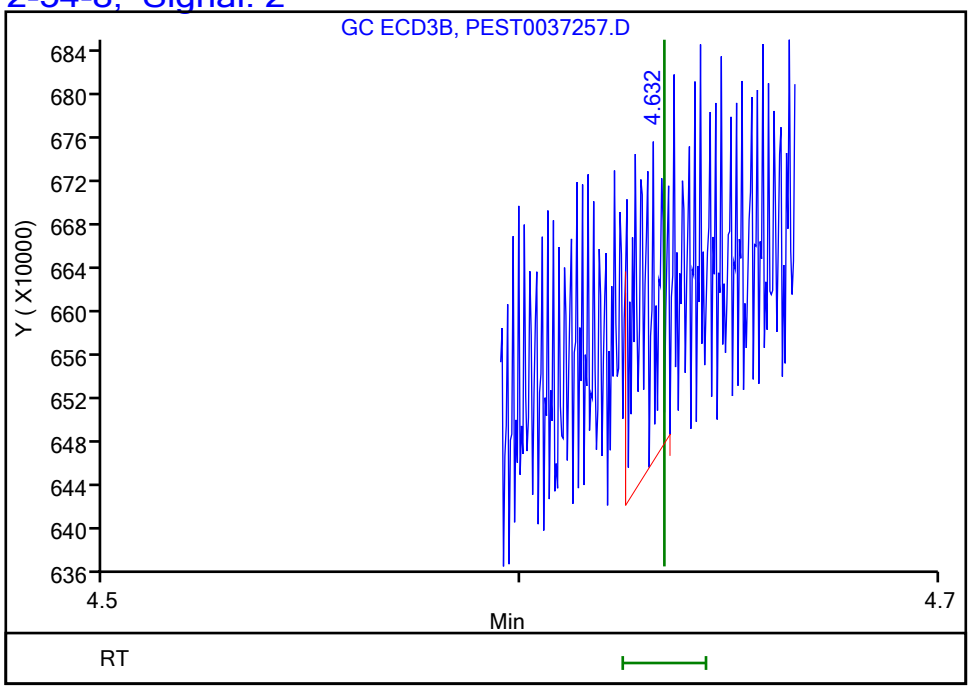
RT: 5.54
Response: 14208
Amount: 0.008119



Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.63
Response: 101039
Amount: 0.037112



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

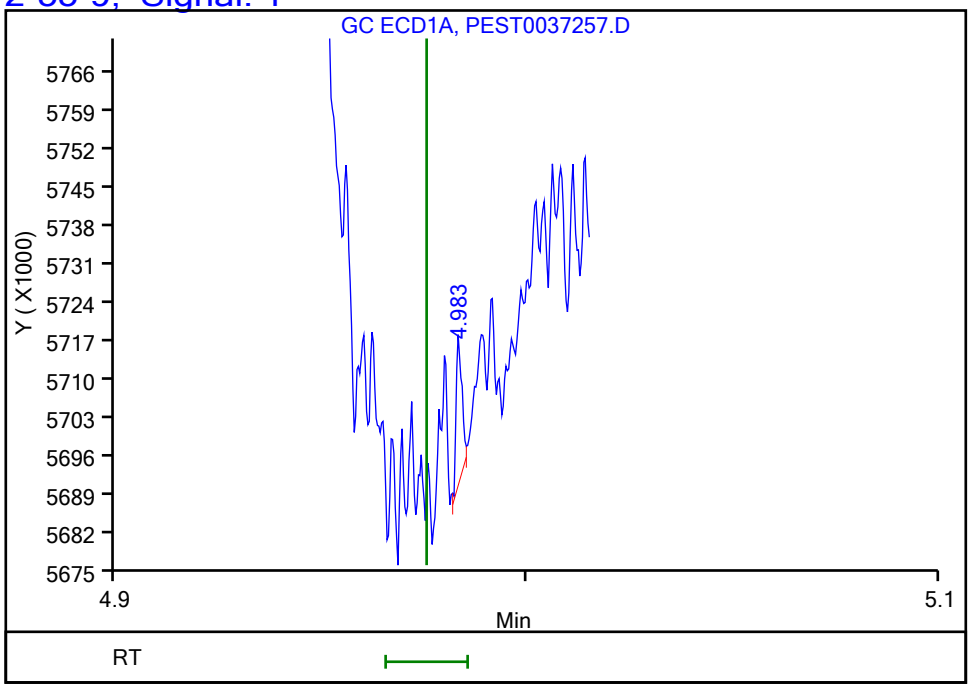
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

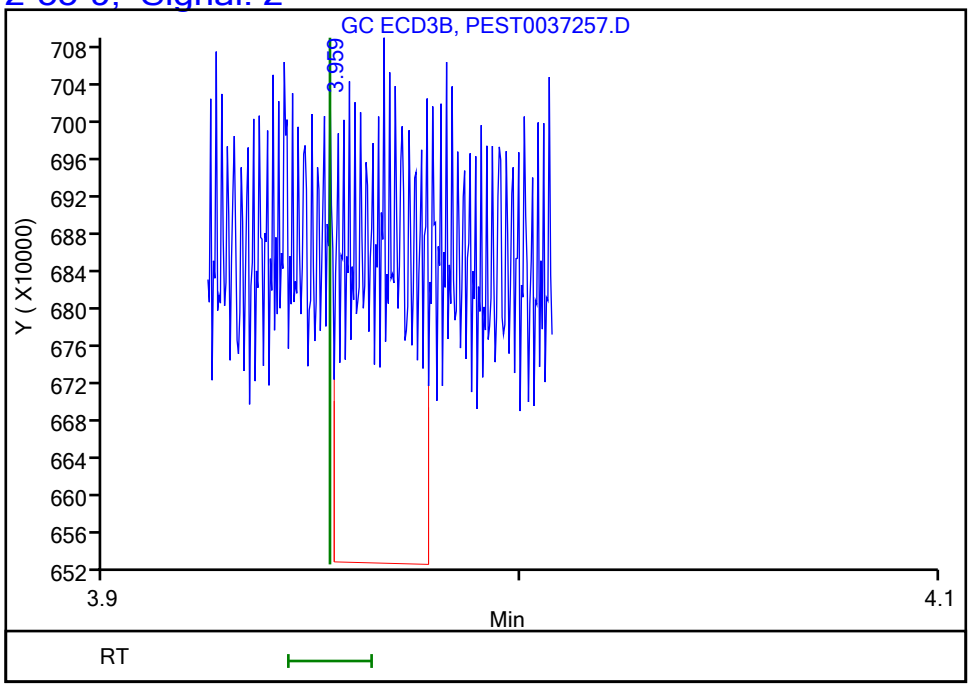
RT: 4.98
Response: 2622
Amount: 0.001300



Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.96
Response: 457571
Amount: 0.139178



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

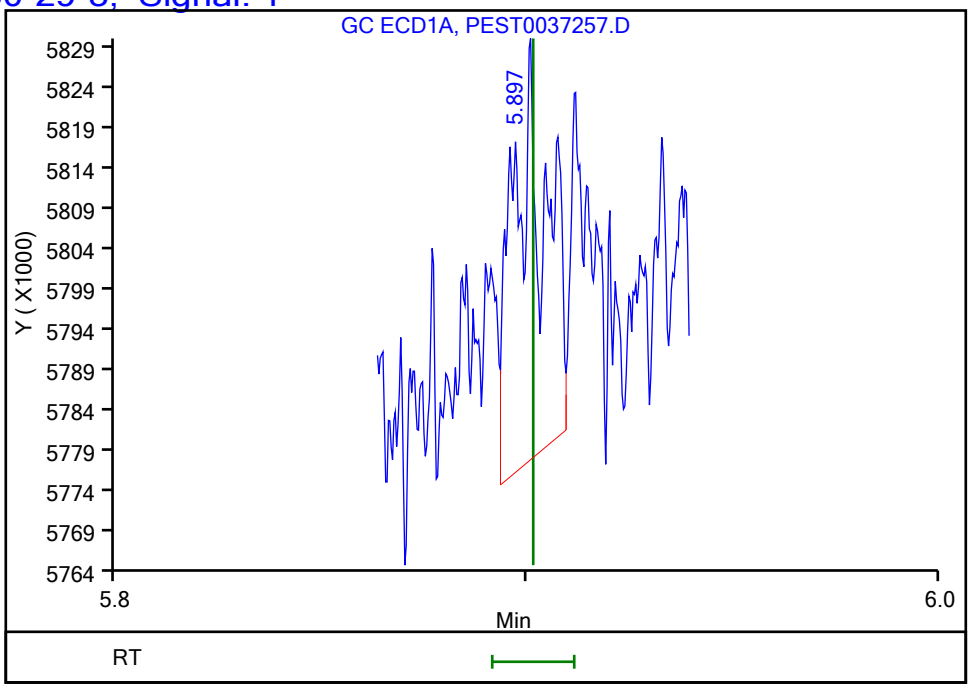
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

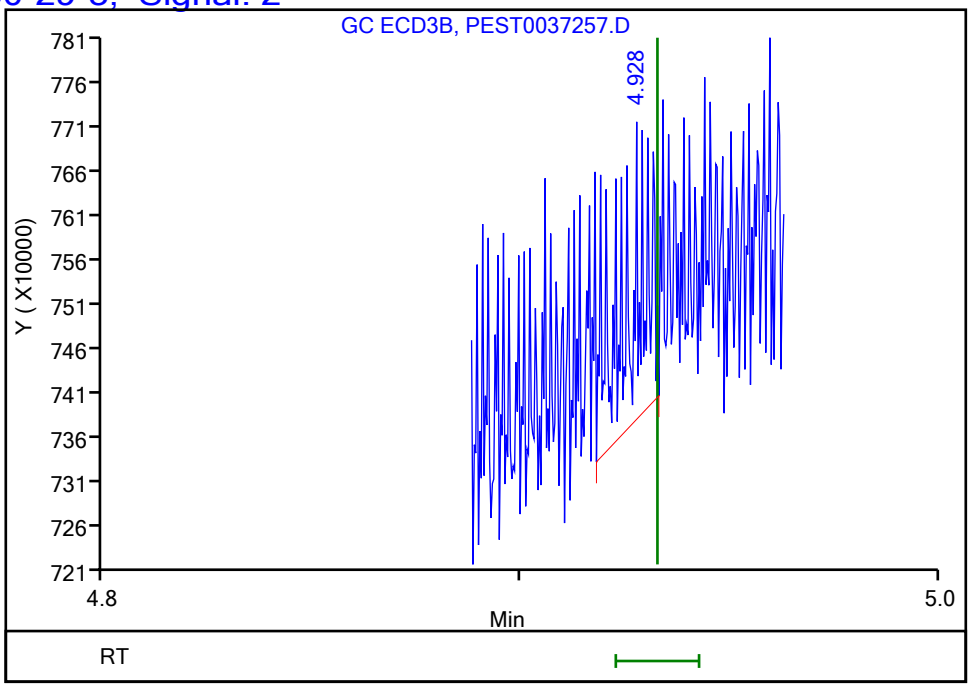
RT: 5.90
Response: 28772
Amount: 0.020664



Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.93
Response: 112327
Amount: 0.049357



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

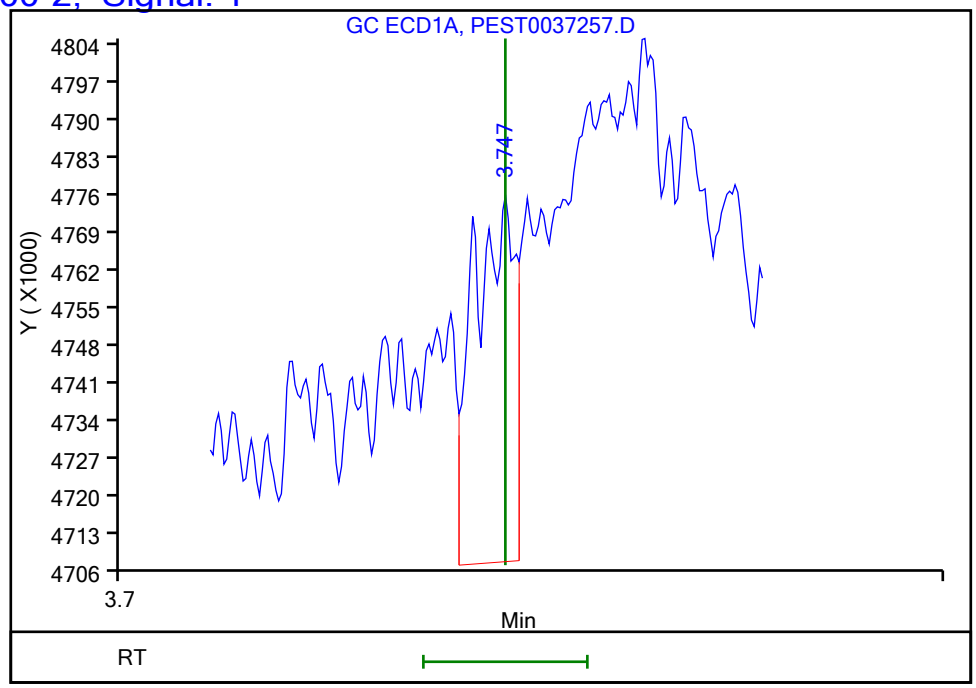
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

8 Aldrin, CAS: 309-00-2, Signal: 1

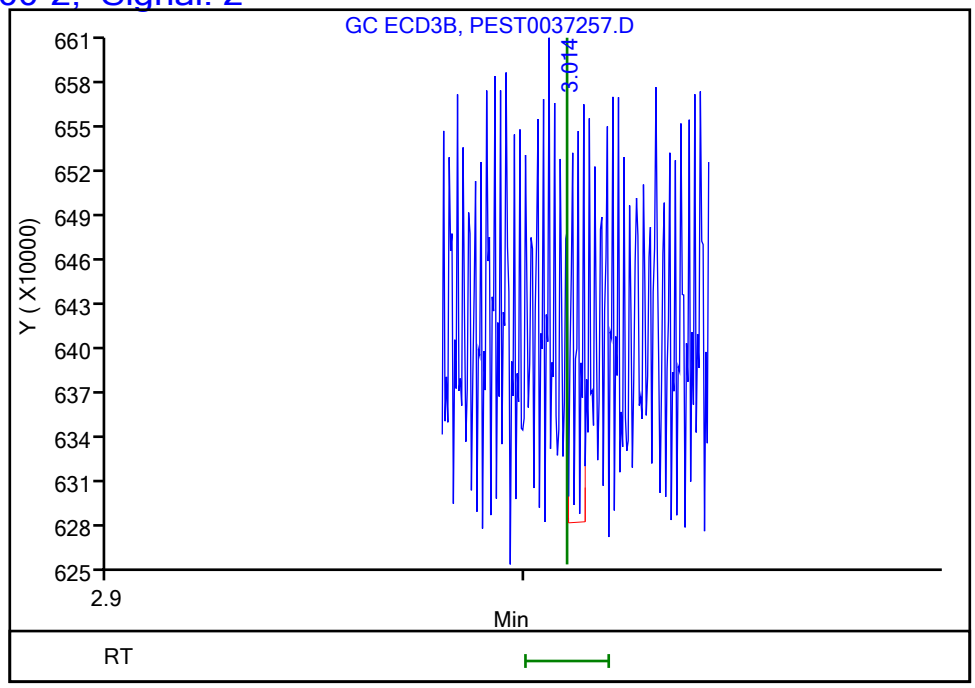
RT: 3.75
Response: 23476
Amount: 0.010257



Column: Detector GC ECD2B

8 Aldrin, CAS: 309-00-2, Signal: 2

RT: 3.01
Response: 30795
Amount: 0.008580



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

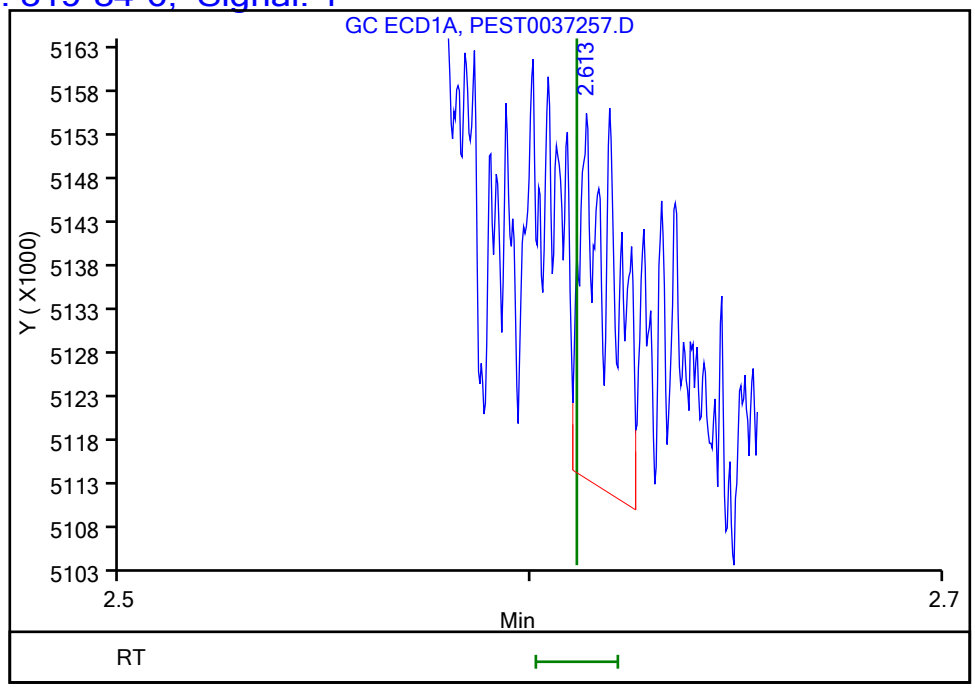
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

15 alpha-BHC, CAS: 319-84-6, Signal: 1

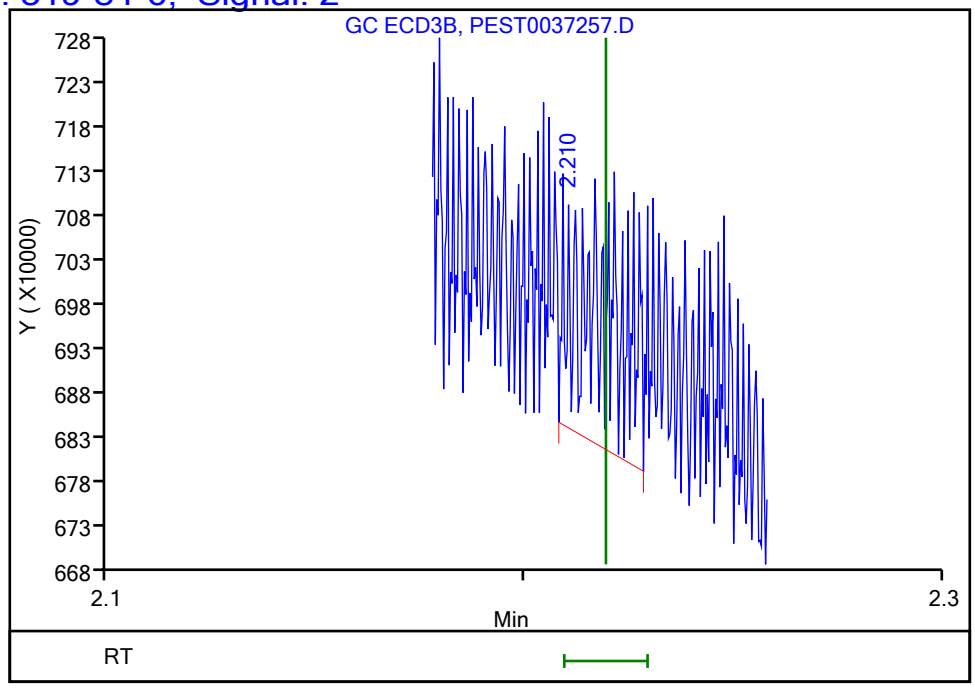
RT: 2.61
Response: 23922
Amount: 0.008550



Column: Detector GC ECD2B

15 alpha-BHC, CAS: 319-84-6, Signal: 2

RT: 2.21
Response: 176653
Amount: 0.043534



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

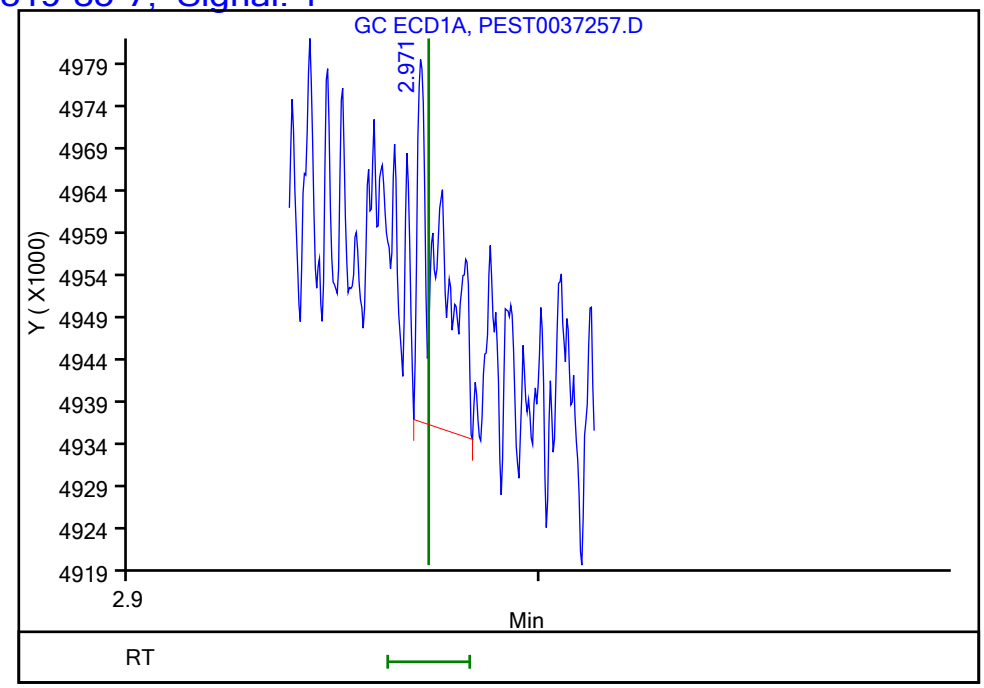
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

6 beta-BHC, CAS: 319-85-7, Signal: 1

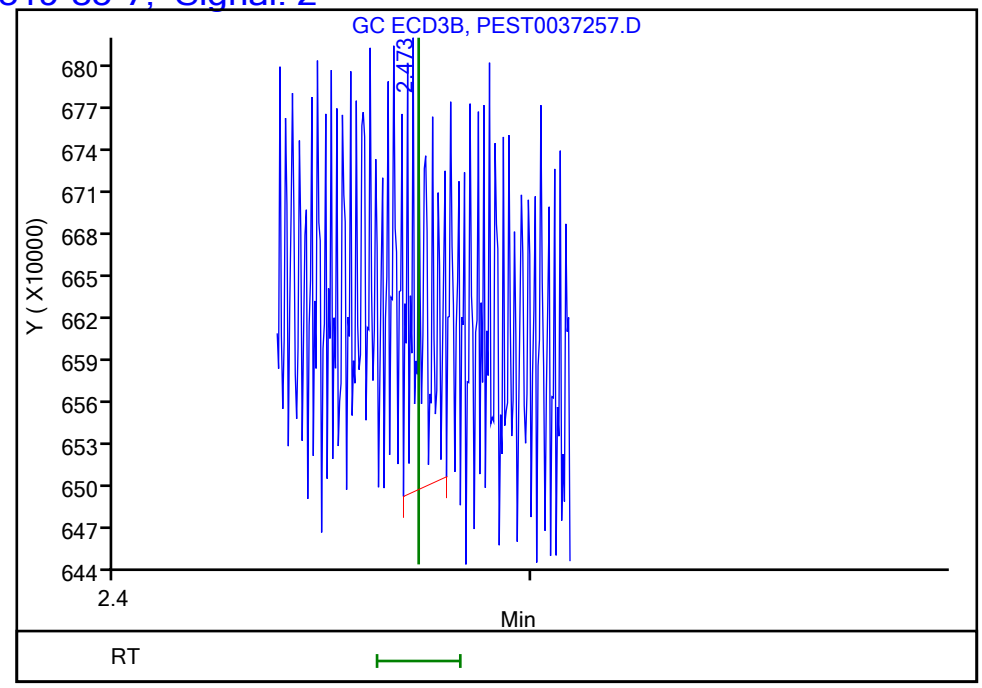
RT: 2.97
Response: 16447
Amount: 0.016410



Column: Detector GC ECD2B

6 beta-BHC, CAS: 319-85-7, Signal: 2

RT: 2.47
Response: 78940
Amount: 0.055242



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

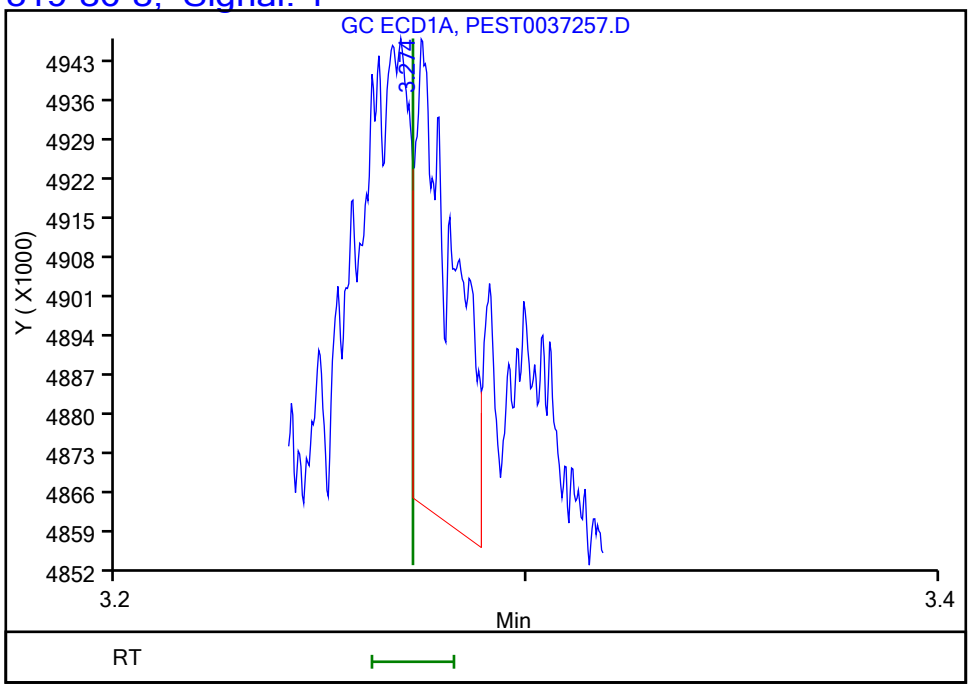
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

32 delta-BHC, CAS: 319-86-8, Signal: 1

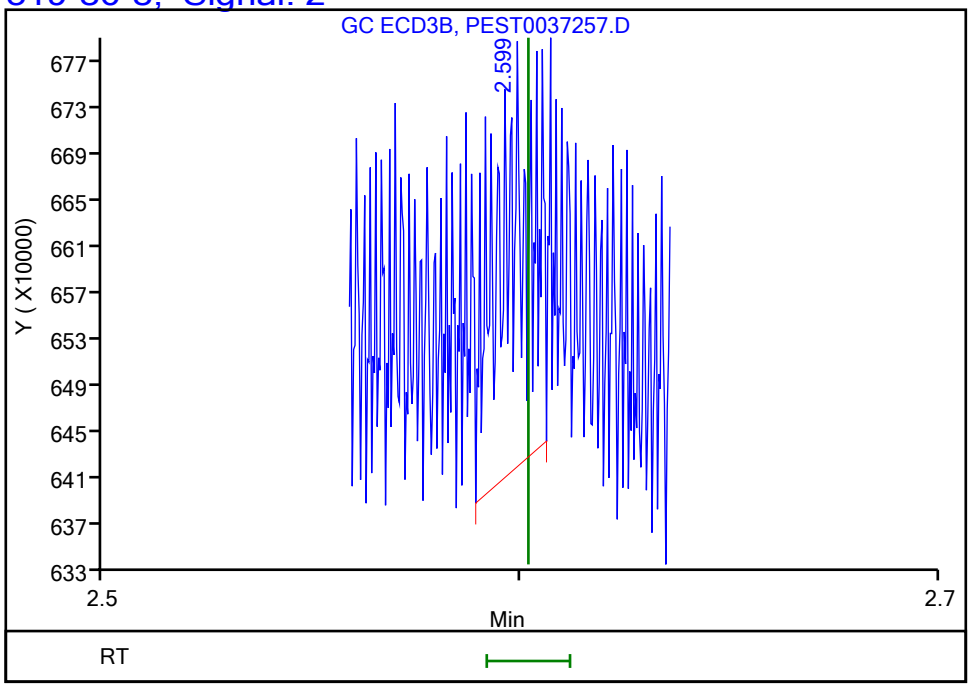
RT: 3.27
Response: 52545
Amount: 0.021594



Column: Detector GC ECD2B

32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.60
Response: 188948
Amount: 0.053164



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

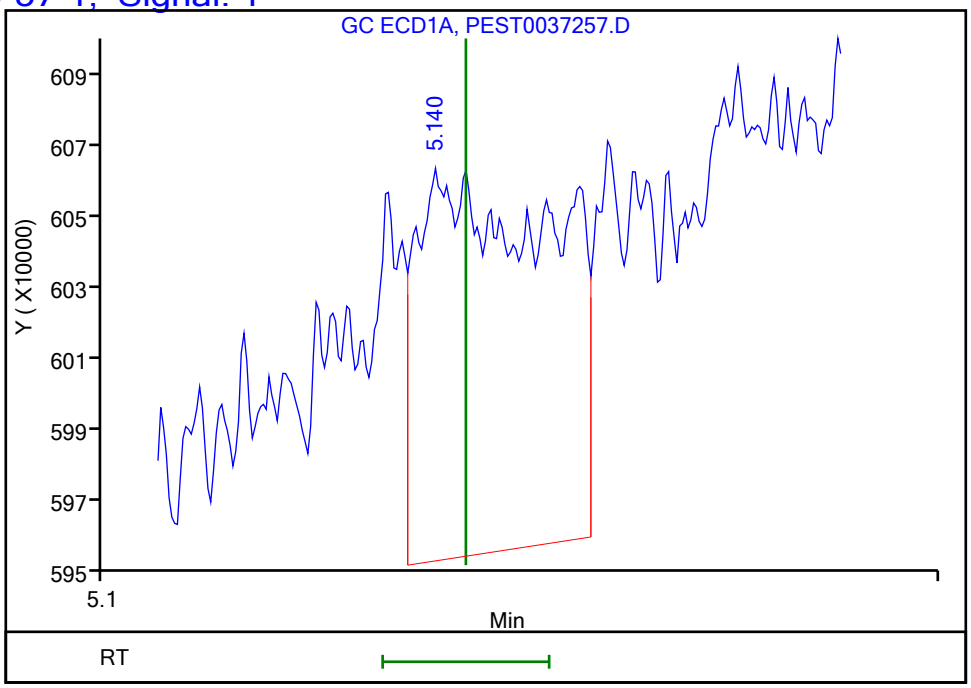
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

30 Dieldrin, CAS: 60-57-1, Signal: 1

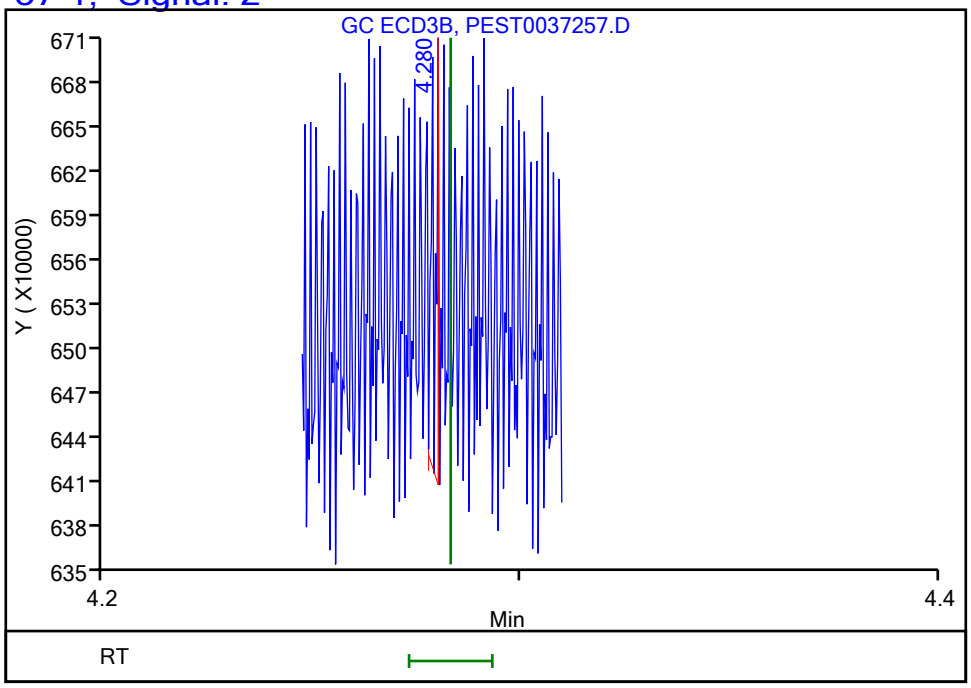
RT: 5.14
Response: 108323
Amount: 0.050646



Column: Detector GC ECD2B

30 Dieldrin, CAS: 60-57-1, Signal: 2

RT: 4.28
Response: 19002
Amount: 0.005695



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

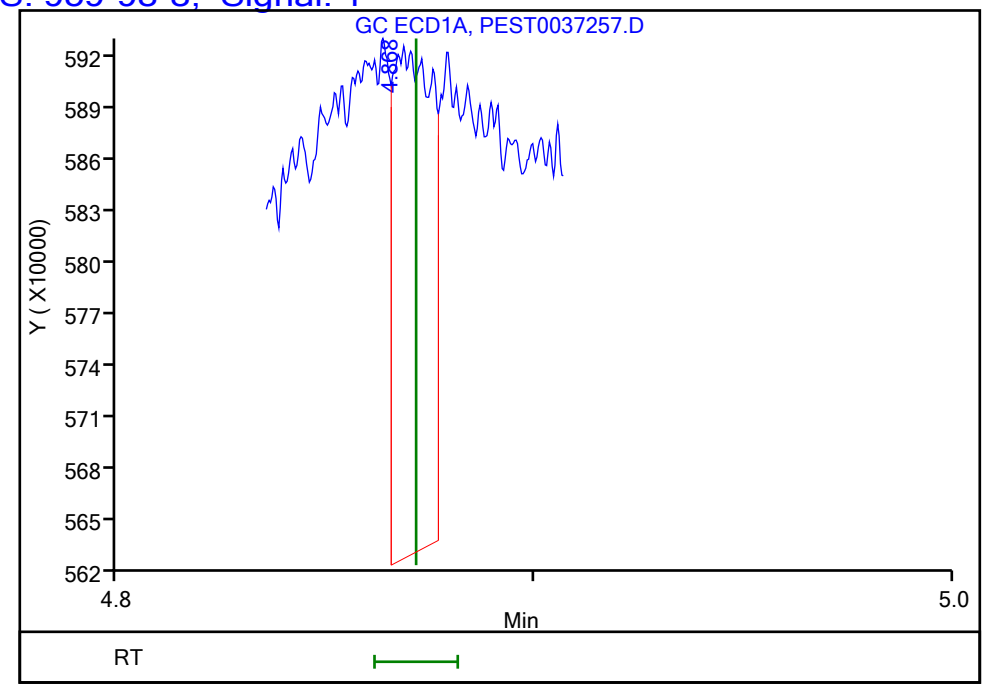
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

7 Endosulfan I, CAS: 959-98-8, Signal: 1

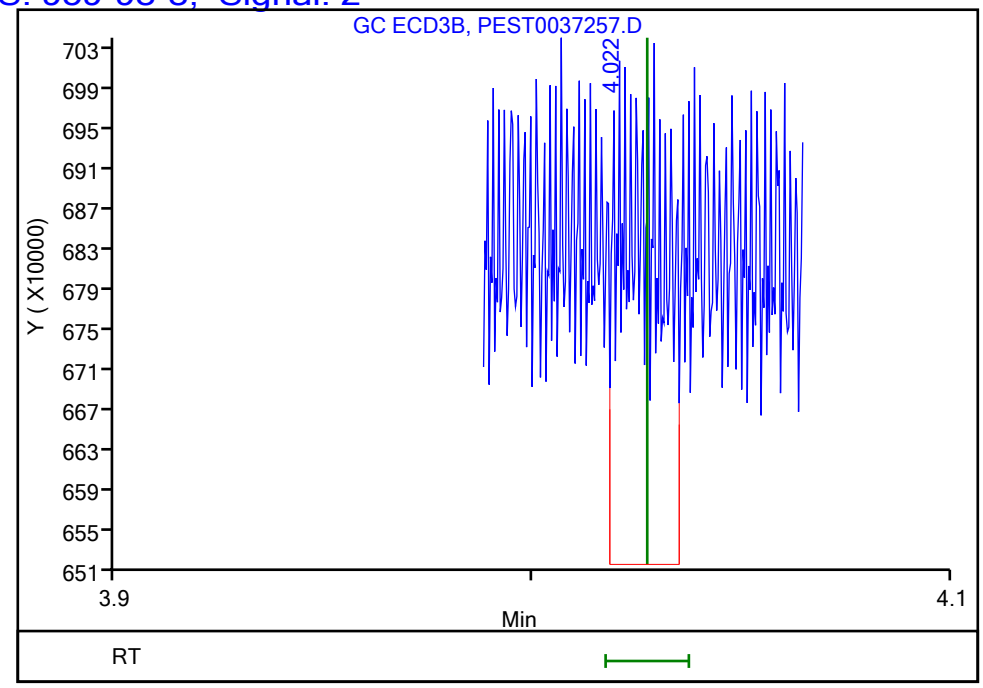
RT: 4.87
Response: 190134
Amount: 0.100712



Column: Detector GC ECD2B

7 Endosulfan I, CAS: 959-98-8, Signal: 2

RT: 4.02
Response: 322837
Amount: 0.109362



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

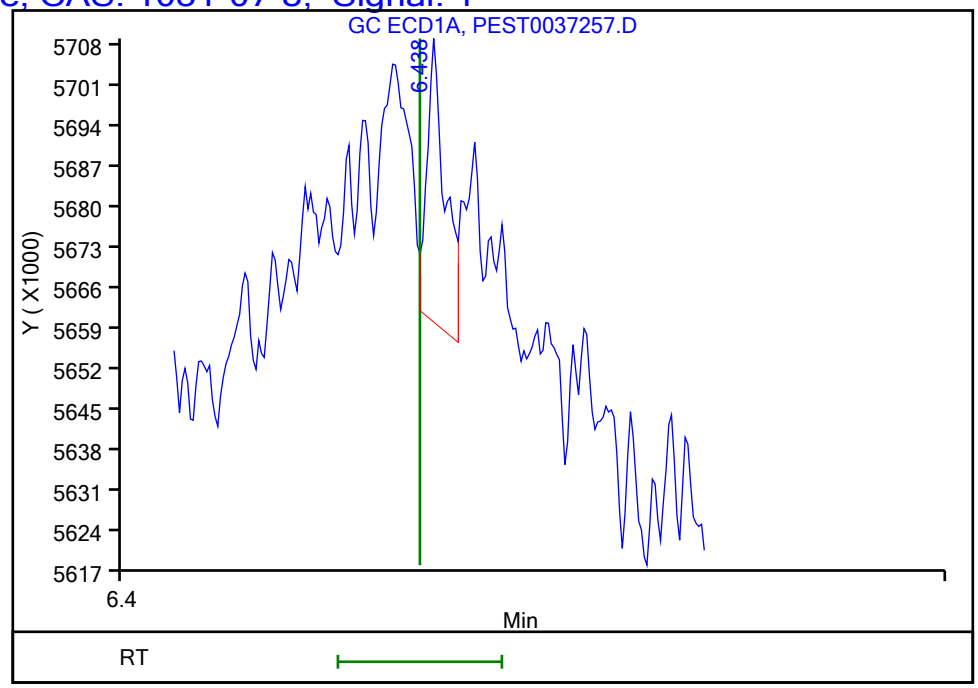
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 1

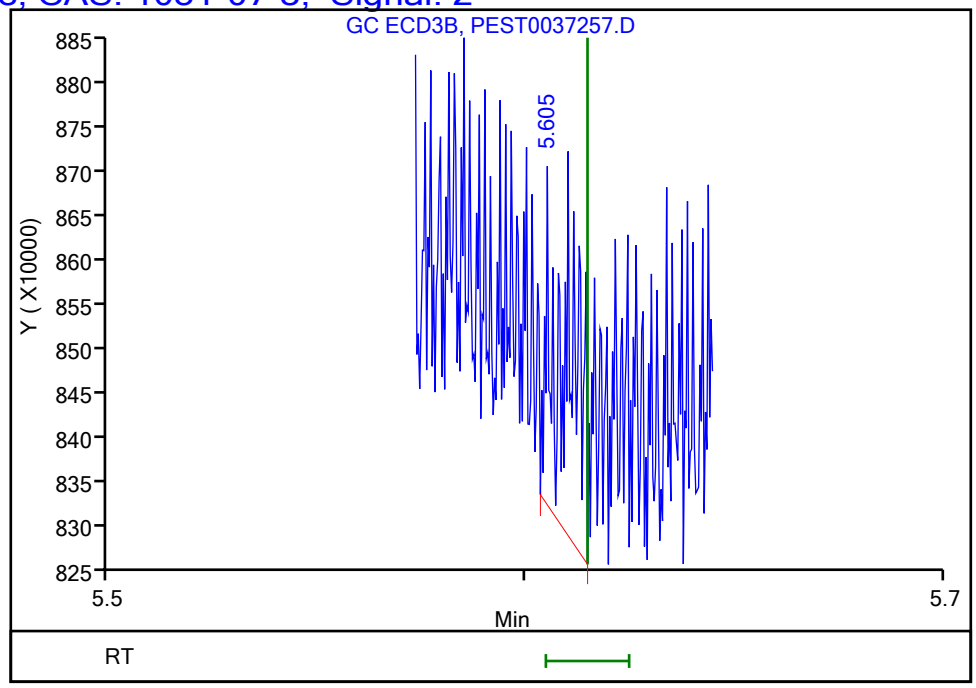
RT: 6.44
Response: 7517
Amount: 0.004627



Column: Detector GC ECD2B

3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 2

RT: 5.61
Response: 124371
Amount: 0.051266



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

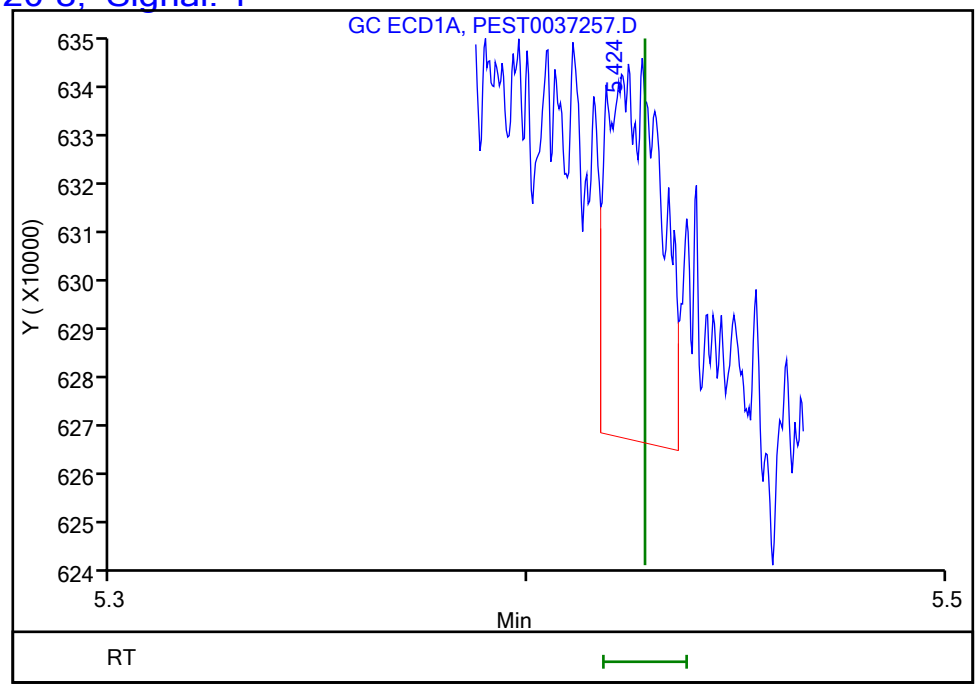
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

20 Endrin, CAS: 72-20-8, Signal: 1

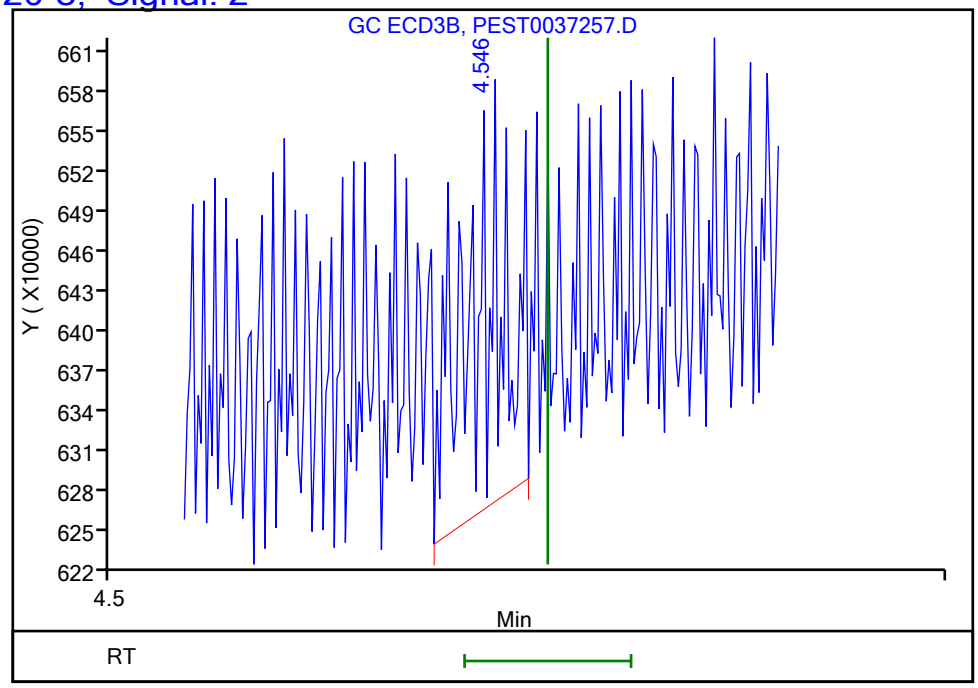
RT: 5.42
Response: 66969
Amount: 0.038824



Column: Detector GC ECD2B

20 Endrin, CAS: 72-20-8, Signal: 2

RT: 4.55
Response: 90649
Amount: 0.034220



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

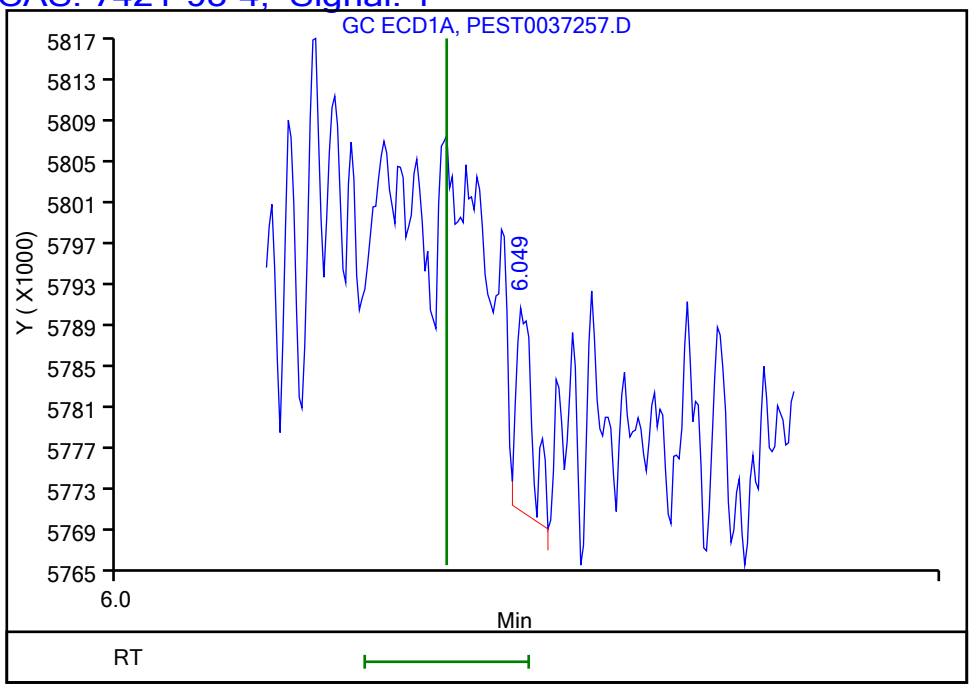
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

5 Endrin aldehyde, CAS: 7421-93-4, Signal: 1

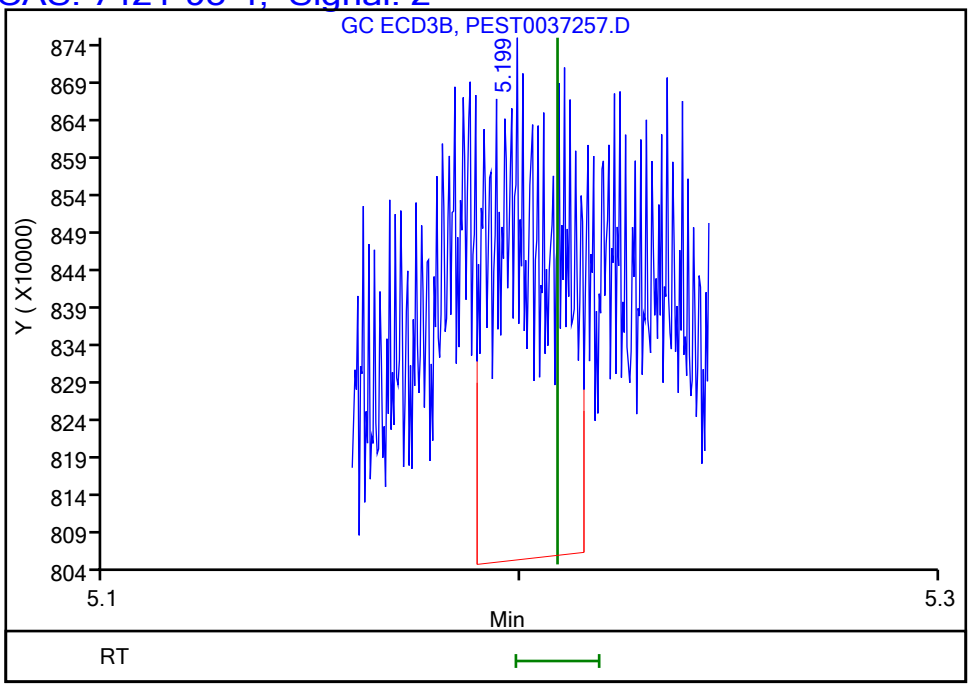
RT: 6.05
Response: 2747
Amount: 0.001750



Column: Detector GC ECD2B

5 Endrin aldehyde, CAS: 7421-93-4, Signal: 2

RT: 5.20
Response: 644083
Amount: 9.820073



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

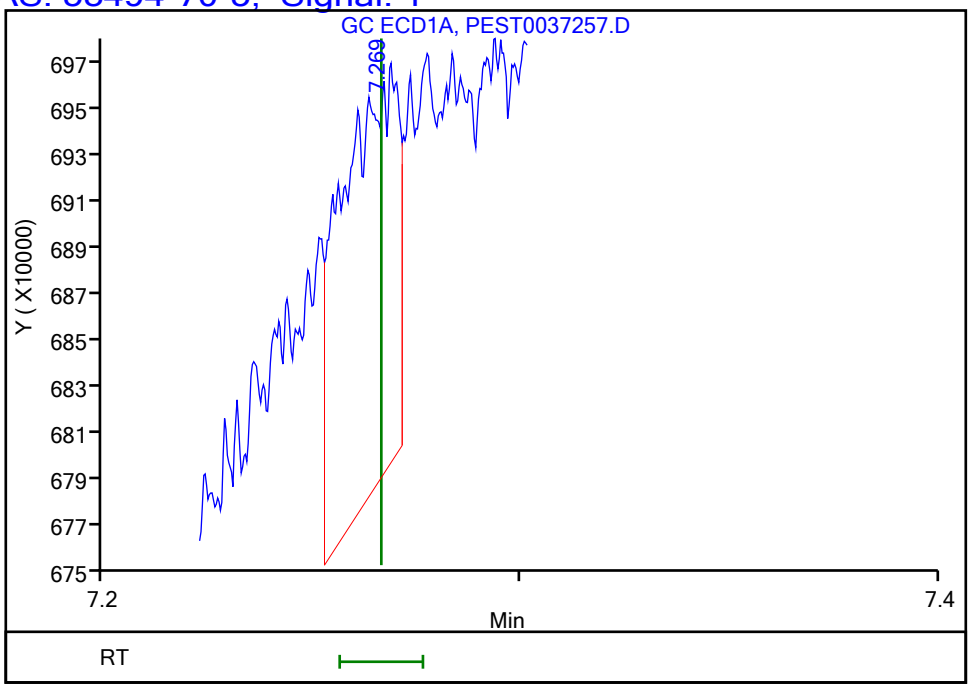
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

13 Endrin ketone, CAS: 53494-70-5, Signal: 1

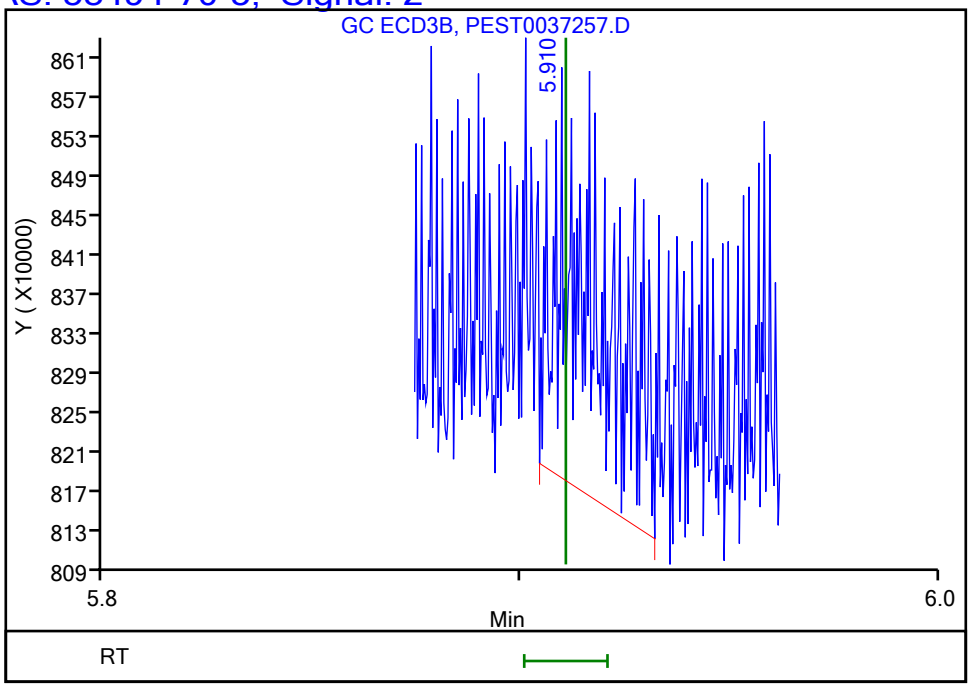
RT: 7.27
Response: 171820
Amount: 0.084232



Column: Detector GC ECD2B

13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.91
Response: 290298
Amount: 0.093666



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

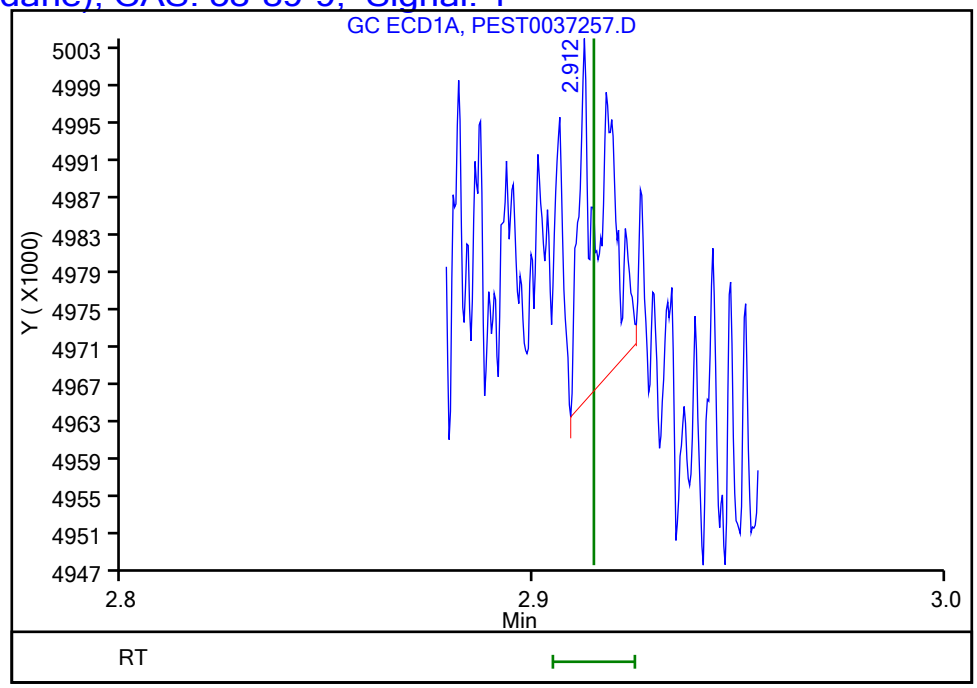
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

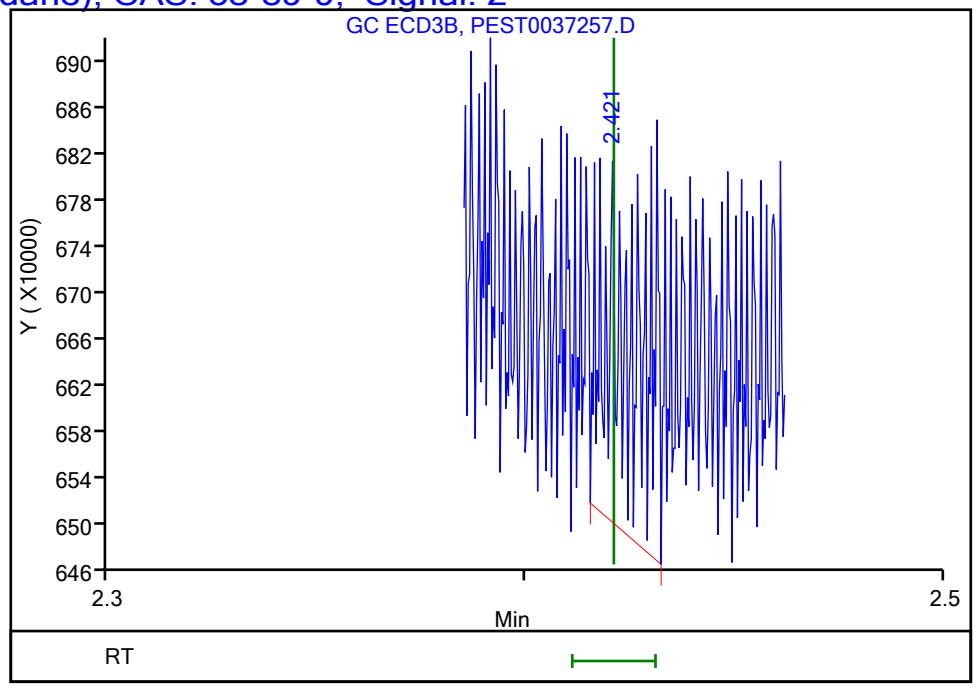
RT: 2.91
Response: 15840
Amount: 0.006187



Column: Detector GC ECD2B

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.42
Response: 159979
Amount: 0.042107



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

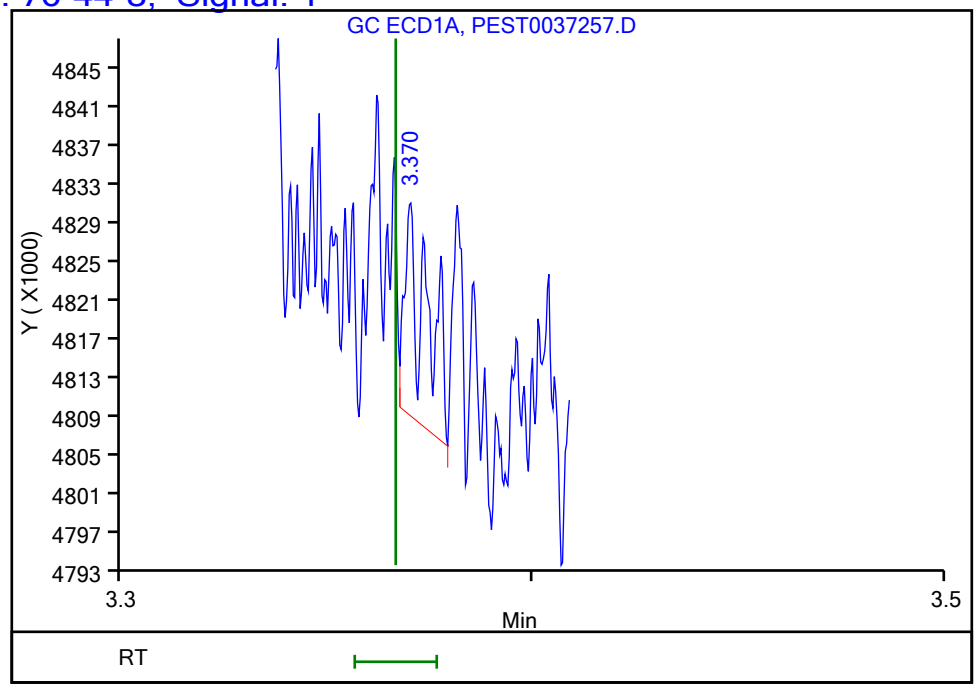
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

18 Heptachlor, CAS: 76-44-8, Signal: 1

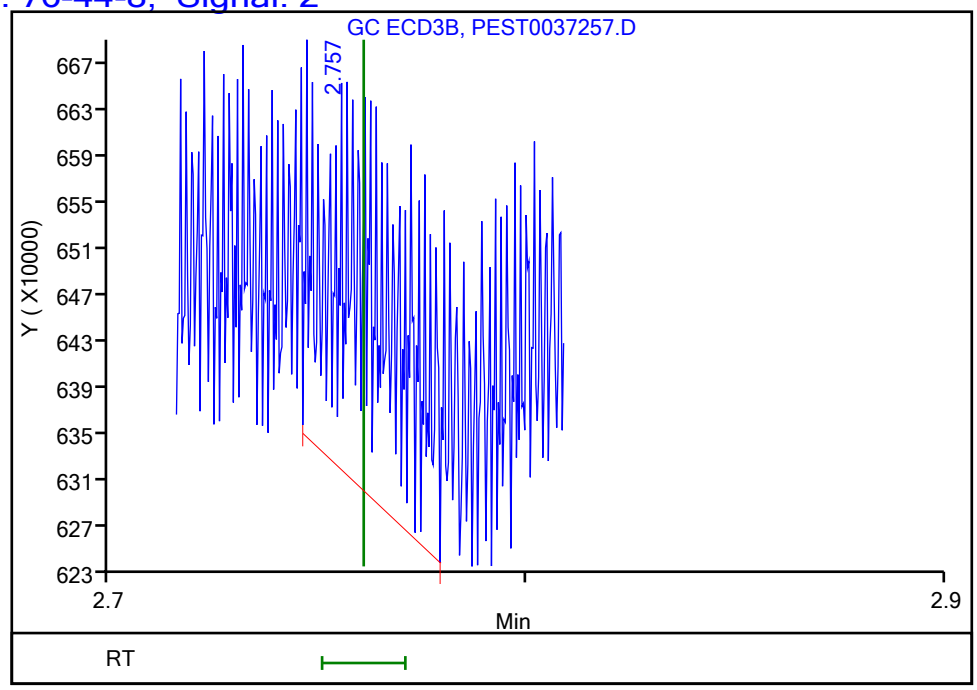
RT: 3.37
Response: 8330
Amount: 0.004002



Column: Detector GC ECD2B

18 Heptachlor, CAS: 76-44-8, Signal: 2

RT: 2.76
Response: 321769
Amount: 0.100436



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

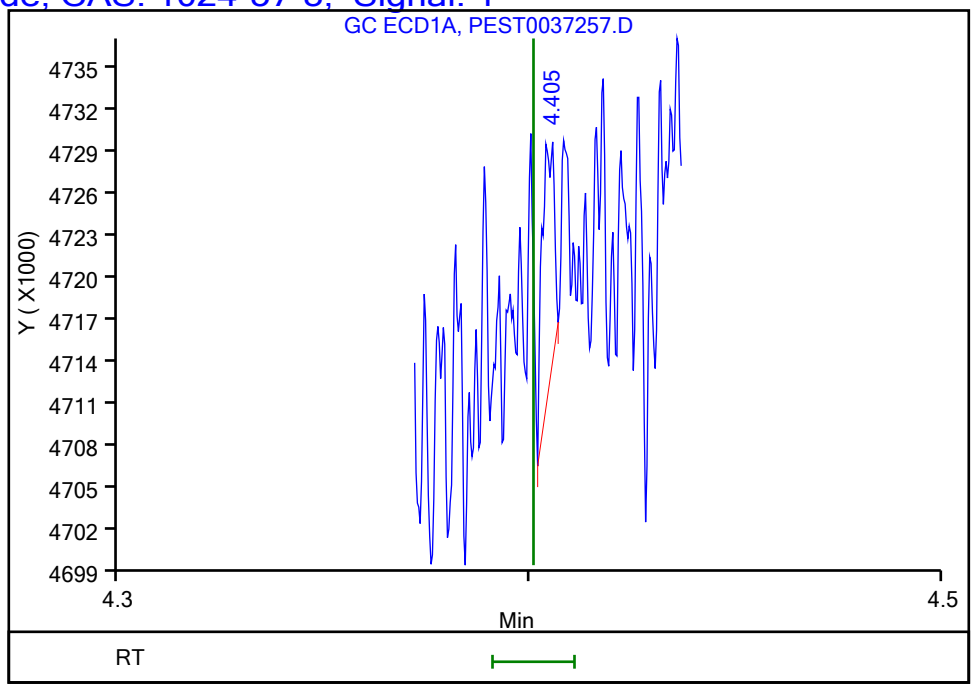
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 1

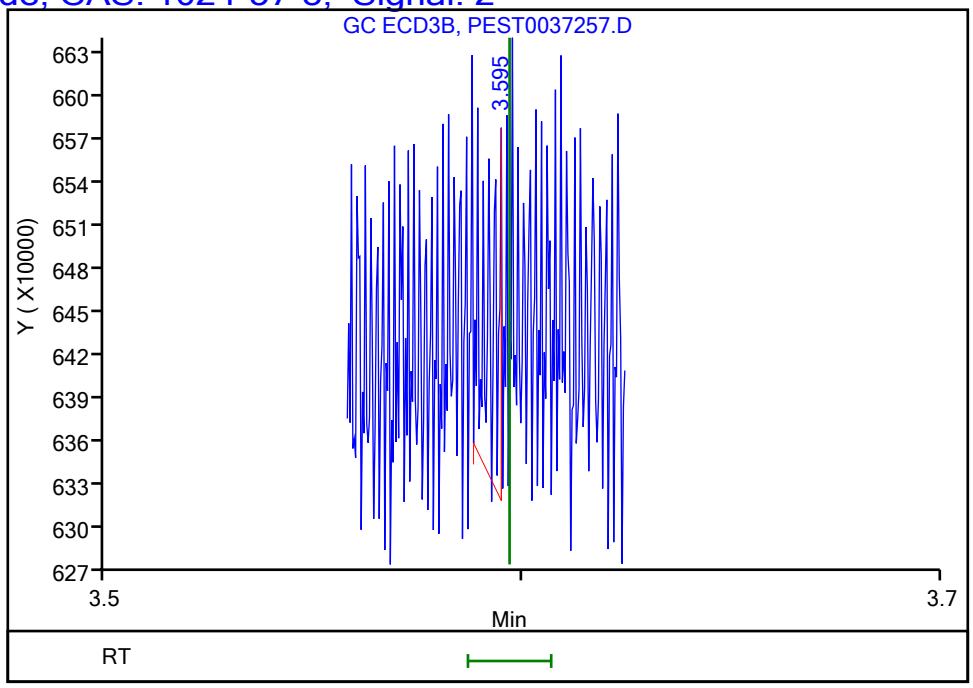
RT: 4.41
Response: 3525
Amount: 0.001705



Column: Detector GC ECD2B

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 2

RT: 3.59
Response: 40788
Amount: 0.012566



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

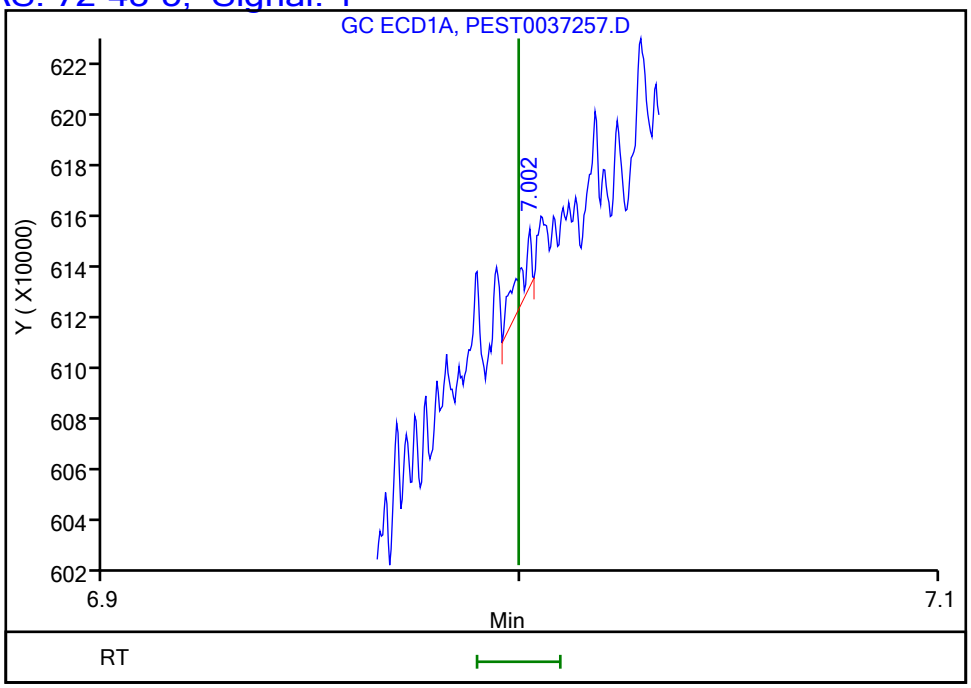
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5, Signal: 1

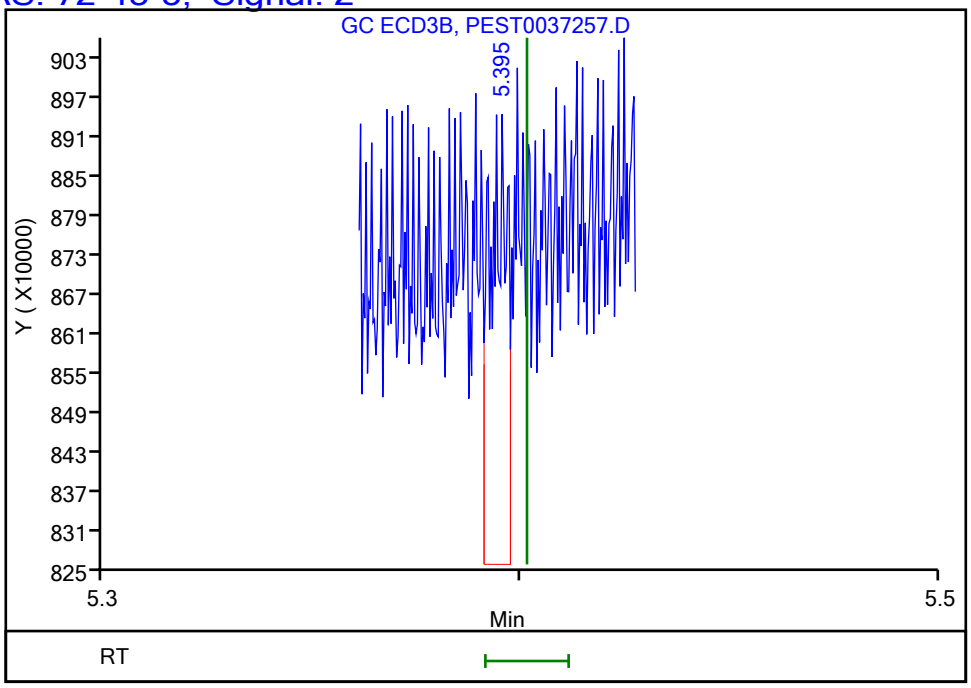
RT: 7.00
Response: 4897
Amount: 0.006400



Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.40
Response: 186395
Amount: 0.156250



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-842342/1

Matrix: Solid | Lab File ID: PEST0037257.D

Analysis Method: 8081B | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 05/02/2022 03:29

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842342 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	*4,4'-DDD*	*0.0060*	*U*	*0.020*	*0.0060*
72-55-9	*4,4'-DDE*	*0.0020*	*U*	*0.020*	*0.0020*
50-29-3	*4,4'-DDT*	*0.0040*	*U*	*0.020*	*0.0040*
309-00-2	*Aldrin*	*0.0030*	*U*	*0.020*	*0.0030*
319-84-6	*alpha-BHC*	*0.0070*	*U*	*0.020*	*0.0070*
319-85-7	*beta-BHC*	*0.015*	*U*	*0.020*	*0.015*
12789-03-6	*Chlordane (technical)*	*0.055*	*U*	*0.50*	*0.055*
319-86-8	*delta-BHC*	*0.0050*	*U*	*0.020*	*0.0050*
60-57-1	*Dieldrin*	*0.0030*	*U*	*0.020*	*0.0030*
959-98-8	*Endosulfan I*	*0.0020*	*U*	*0.020*	*0.0020*
33213-65-9	*Endosulfan II*	*0.0040*	*U*	*0.020*	*0.0040*
1031-07-8	*Endosulfan sulfate*	*0.0060*	*U*	*0.020*	*0.0060*
72-20-8	*Endrin*	*0.0040*	*U*	*0.020*	*0.0040*
7421-93-4	*Endrin aldehyde*	*0.0080*	*U*	*0.020*	*0.0080*
53494-70-5	*Endrin ketone*	*0.0080*	*U*	*0.020*	*0.0080*
58-89-9	*gamma-BHC (Lindane)*	*0.012*	*U*	*0.020*	*0.012*
76-44-8	*Heptachlor*	*0.0030*	*U*	*0.020*	*0.0030*
1024-57-3	*Heptachlor epoxide*	*0.0050*	*U*	*0.020*	*0.0050*
72-43-5	*Methoxychlor*	*0.0040*	*U*	*0.020*	*0.0040*
8001-35-2	*Toxaphene*	*0.11*	*U*	*0.50*	*0.11*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		43-150
877-09-8	Tetrachloro-m-xylene	97		26-137

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 02-May-2022 03:29:36 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144751-001
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-May-2022 06:50:44 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1671

First Level Reviewer: manlangitf Date: 02-May-2022 03:58:10

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.633	1.635	-0.002	180504408	100.0	100.0	
2	1.540	1.538	0.002	233326385	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.168	2.169	-0.001	33668227	20.0	17.2	
2	1.902	1.903	-0.001	53132341	20.0	19.5	
						RPD = 12.50	
$ 24 DCB Decachlorobiphenyl							
1	8.446	8.445	0.001	26182802	20.0	18.3	
2	7.441	7.441	0.000	48226496	20.0	18.4	
						RPD = 1.03	

QC Flag Legend
Processing Flags

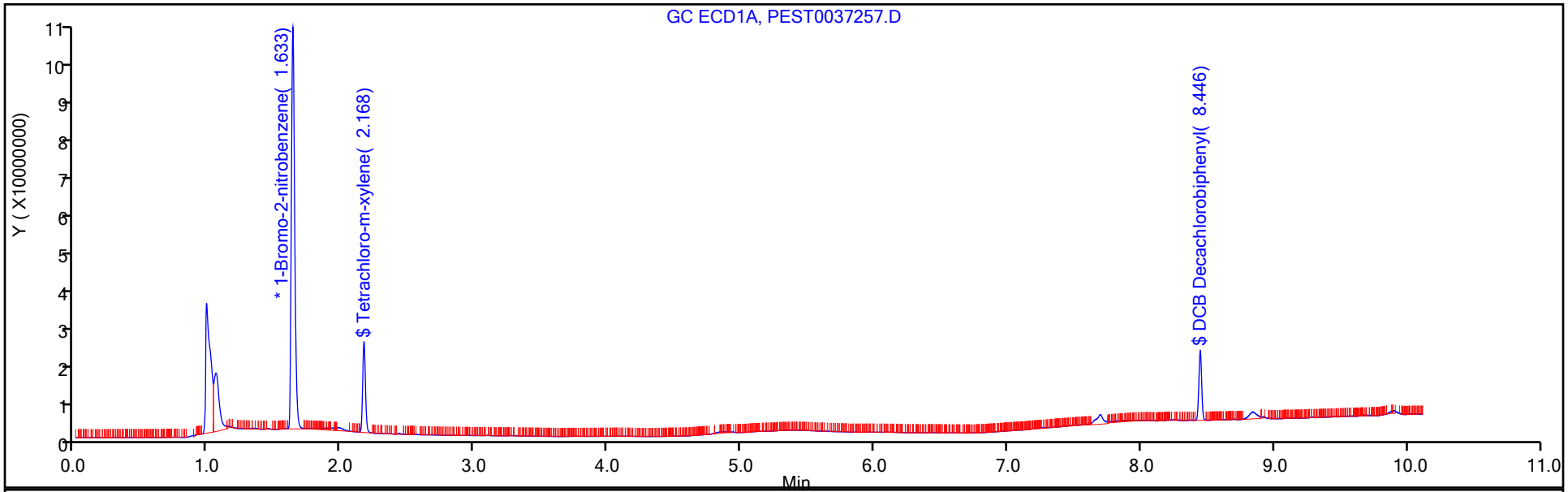
Reagents:
SGPIBLK_00033 Amount Added: 1.00 Units: mL
SGPESTISTD_00018 Amount Added: 20.00 Units: uL Run Reagent

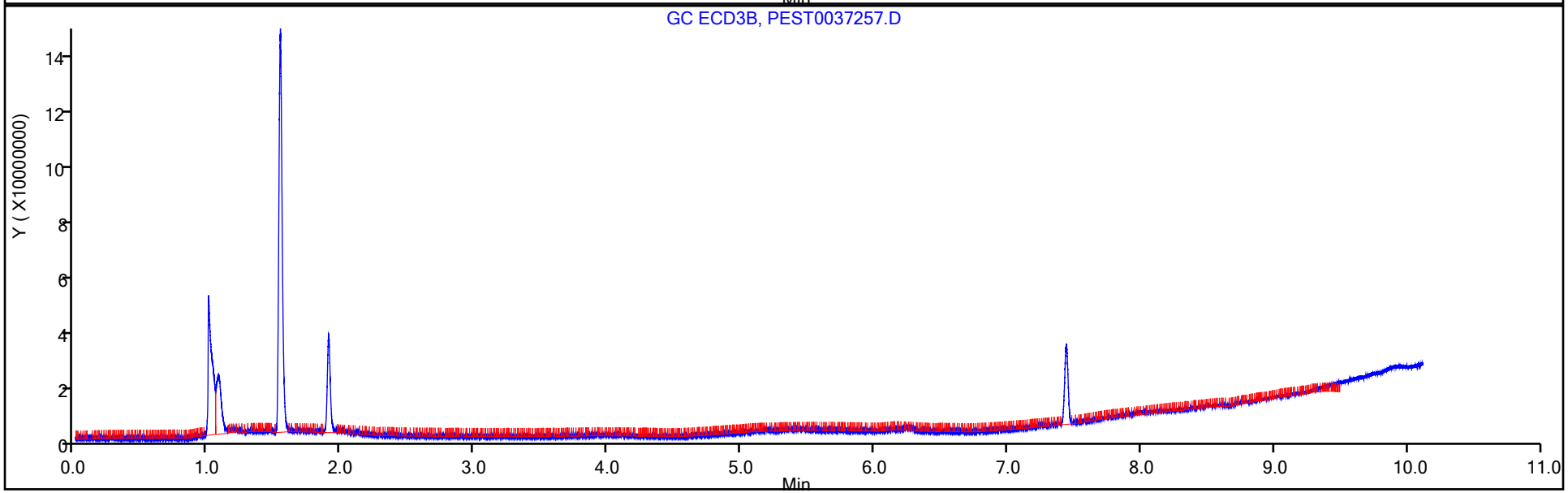
Report Date: 02-May-2022 06:50:47 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D

Injection Date:	02-May-2022 03:29:36	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	PIBLK			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





User Disabled Compound Report

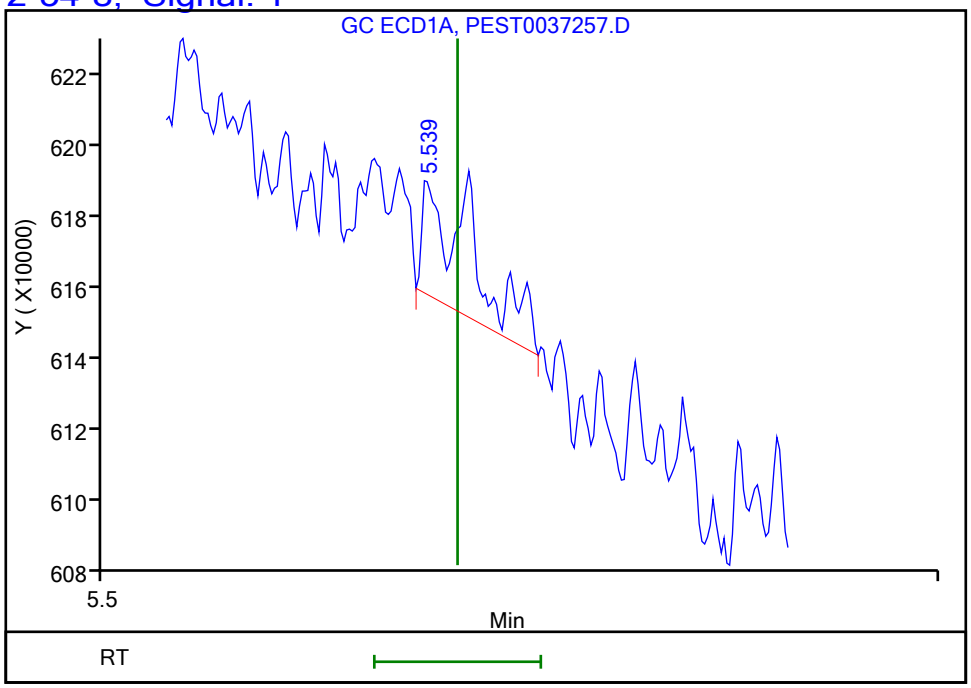
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

16 4,4'-DDD, CAS: 72-54-8, Signal: 1

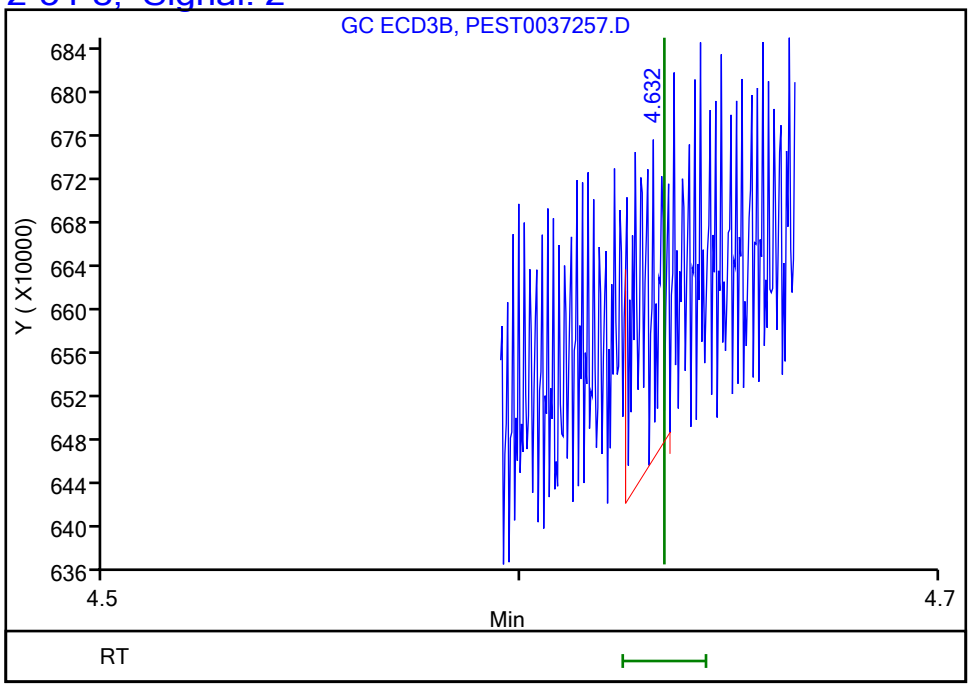
RT: 5.54
Response: 14208
Amount: 0.008119



Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.63
Response: 101039
Amount: 0.037112



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

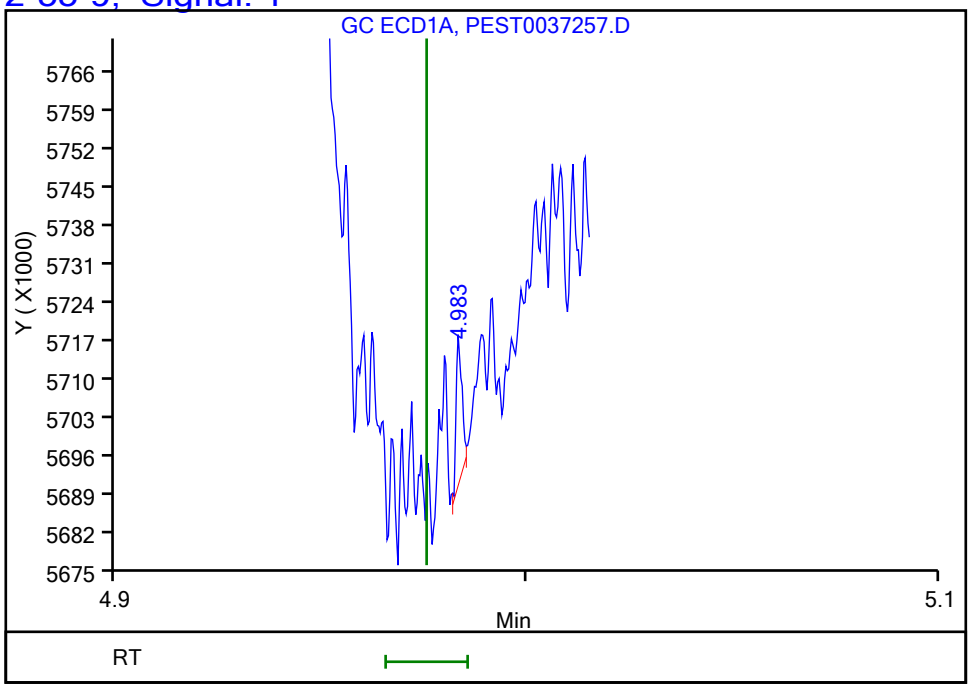
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

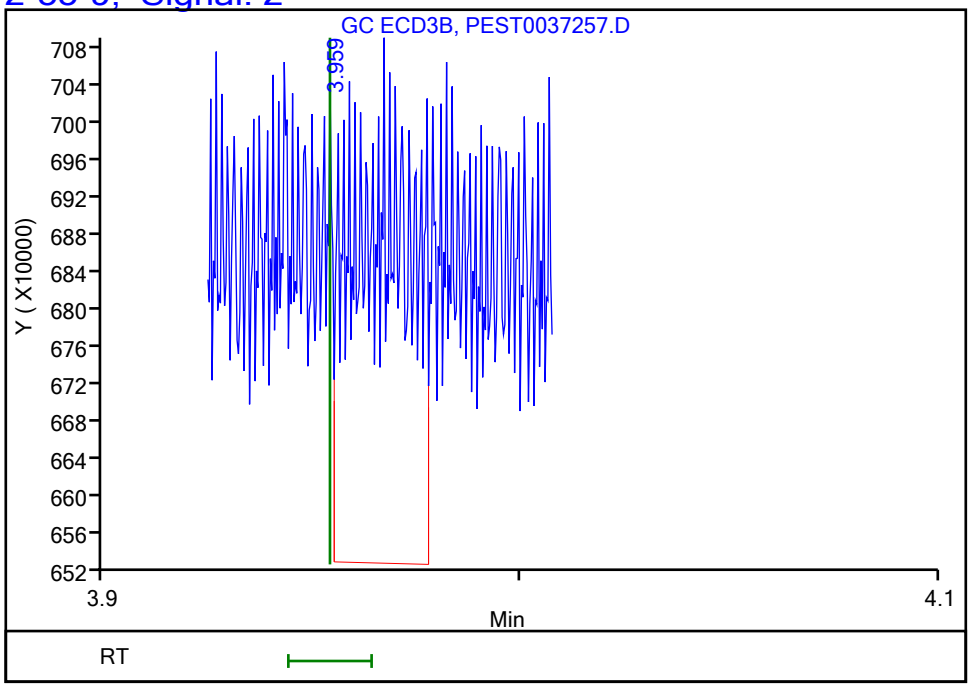
RT: 4.98
Response: 2622
Amount: 0.001300



Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.96
Response: 457571
Amount: 0.139178



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

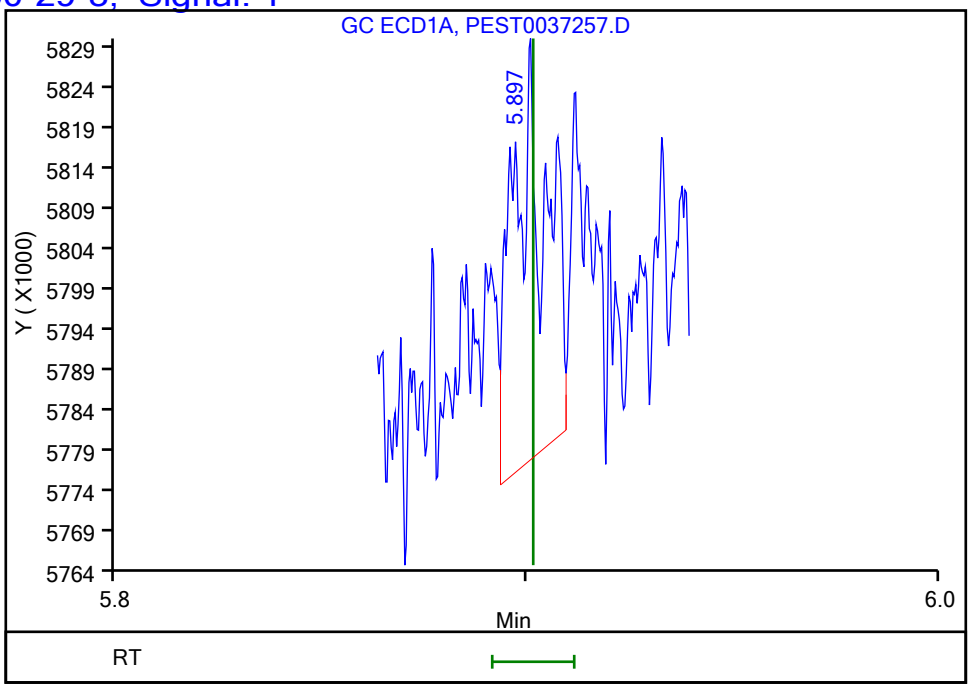
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

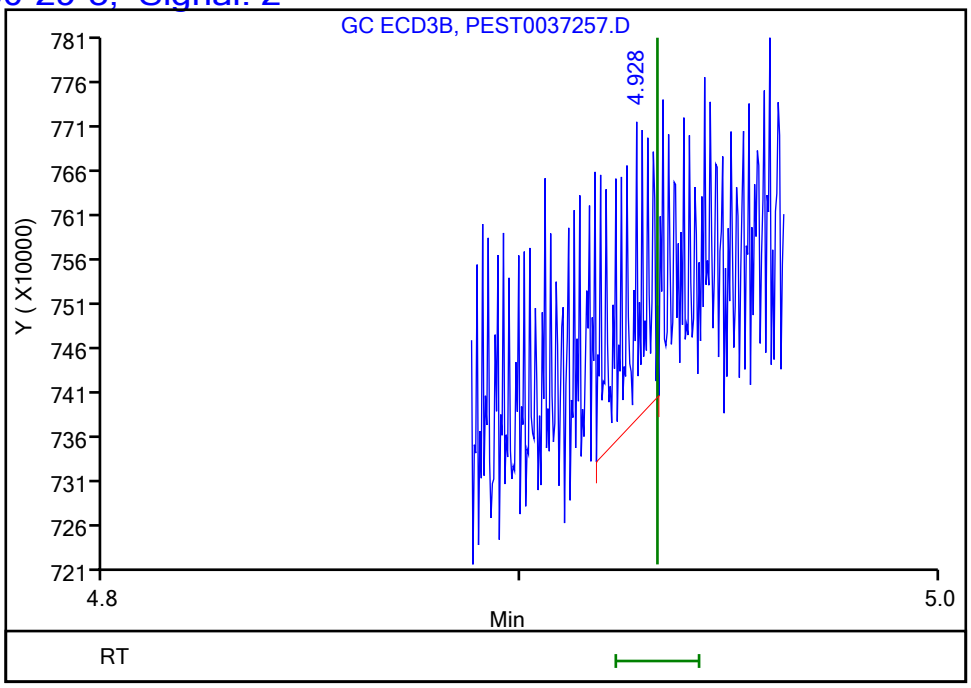
RT: 5.90
Response: 28772
Amount: 0.020664



Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.93
Response: 112327
Amount: 0.049357



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

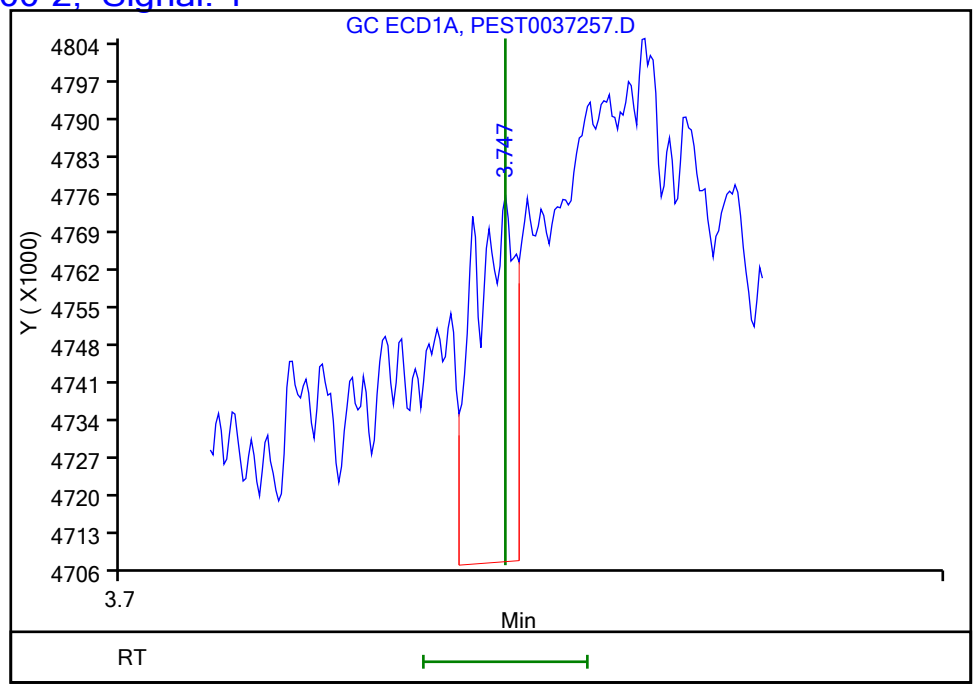
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

8 Aldrin, CAS: 309-00-2, Signal: 1

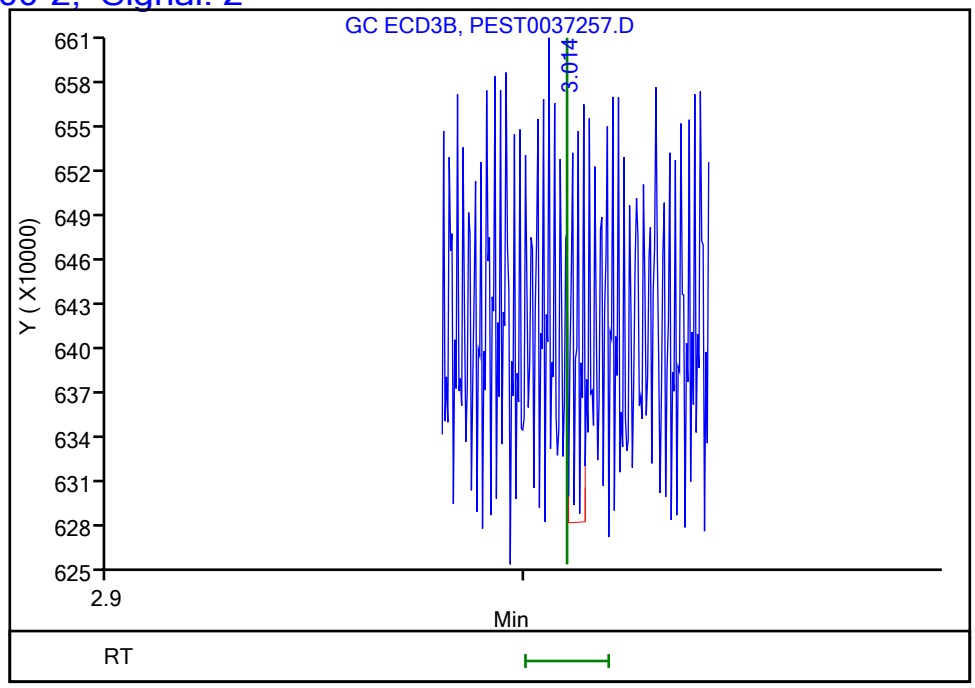
RT: 3.75
Response: 23476
Amount: 0.010257



Column: Detector GC ECD2B

8 Aldrin, CAS: 309-00-2, Signal: 2

RT: 3.01
Response: 30795
Amount: 0.008580



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

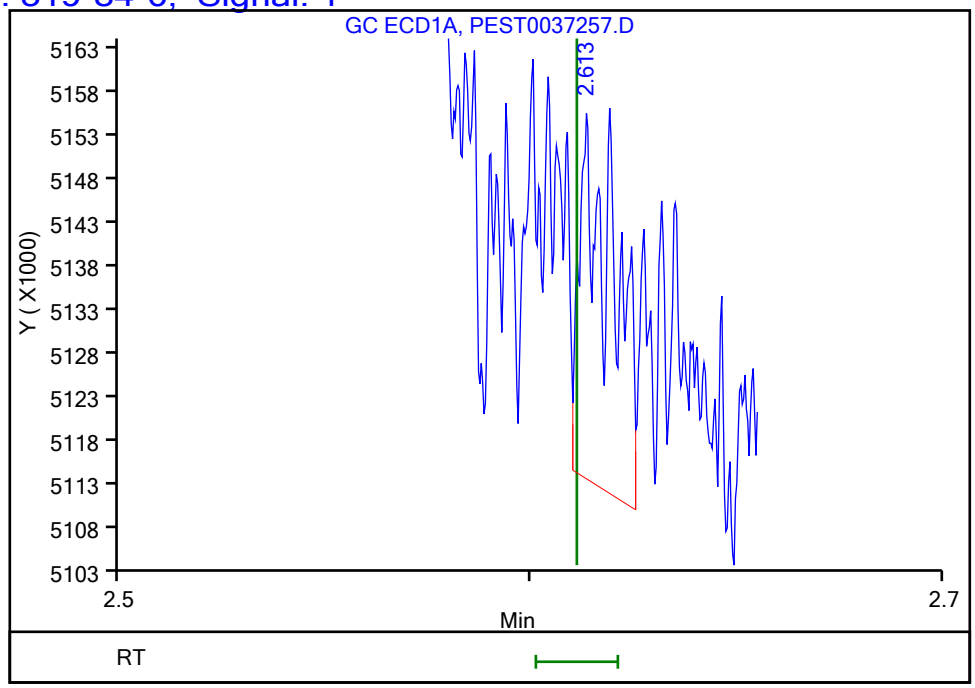
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

15 alpha-BHC, CAS: 319-84-6, Signal: 1

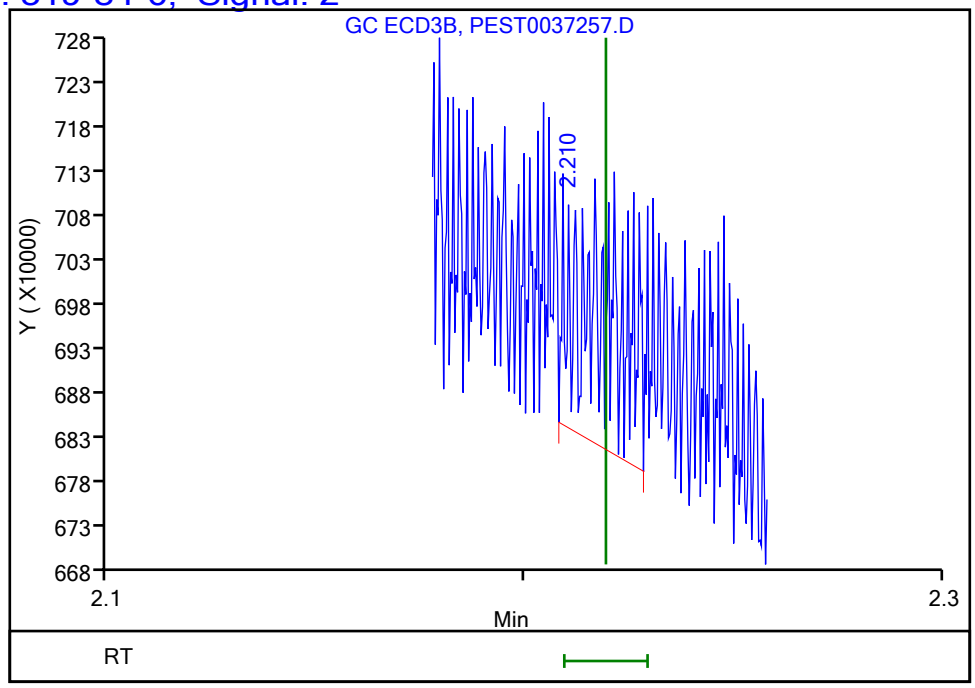
RT: 2.61
Response: 23922
Amount: 0.008550



Column: Detector GC ECD2B

15 alpha-BHC, CAS: 319-84-6, Signal: 2

RT: 2.21
Response: 176653
Amount: 0.043534



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

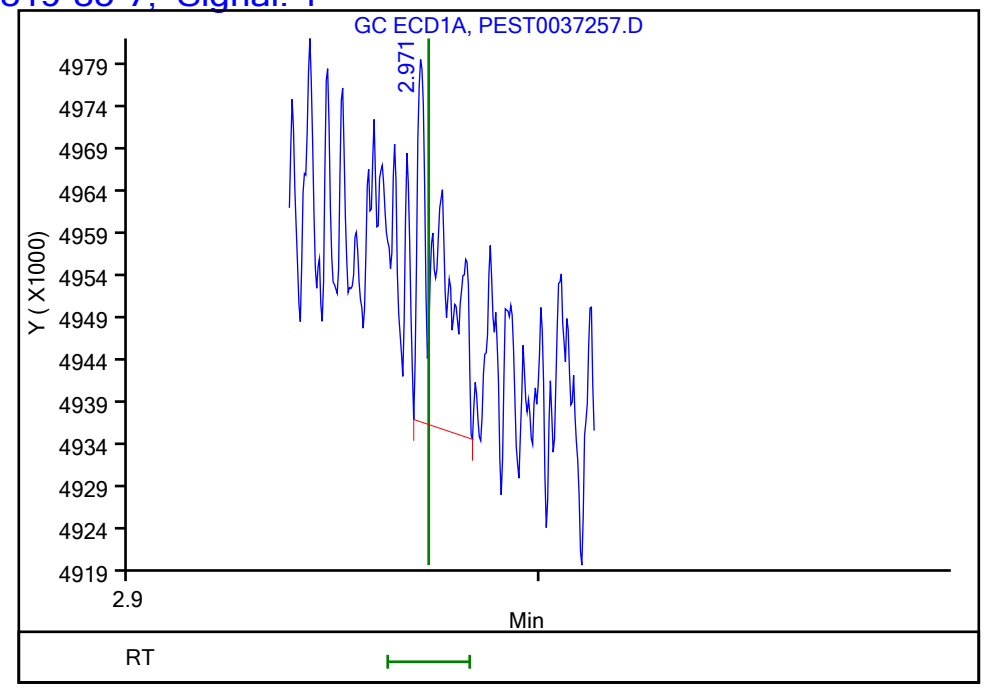
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

6 beta-BHC, CAS: 319-85-7, Signal: 1

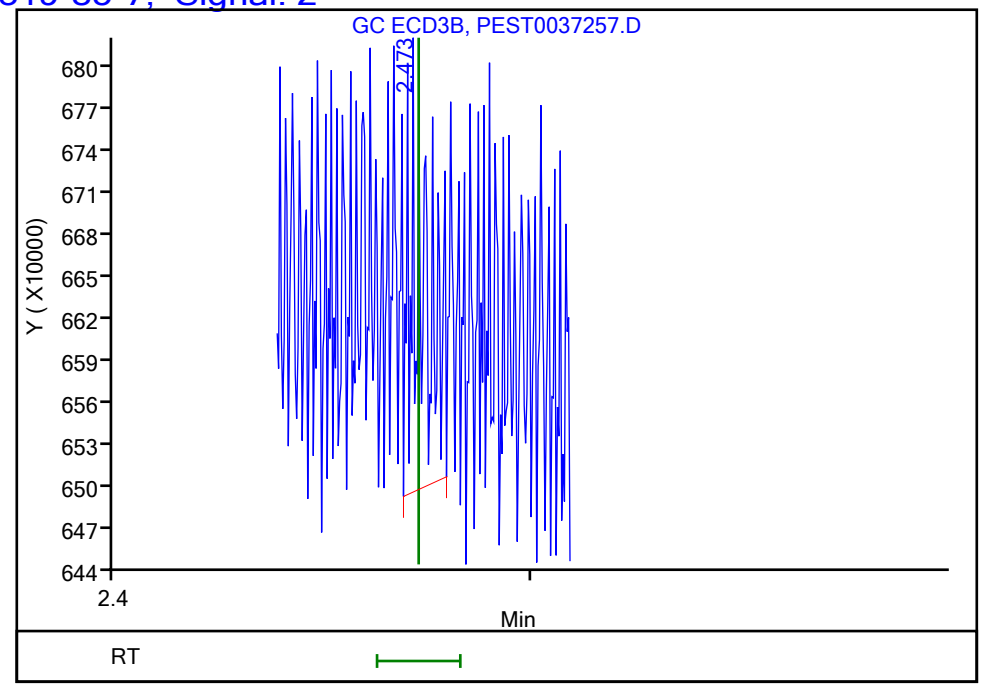
RT: 2.97
Response: 16447
Amount: 0.016410



Column: Detector GC ECD2B

6 beta-BHC, CAS: 319-85-7, Signal: 2

RT: 2.47
Response: 78940
Amount: 0.055242



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

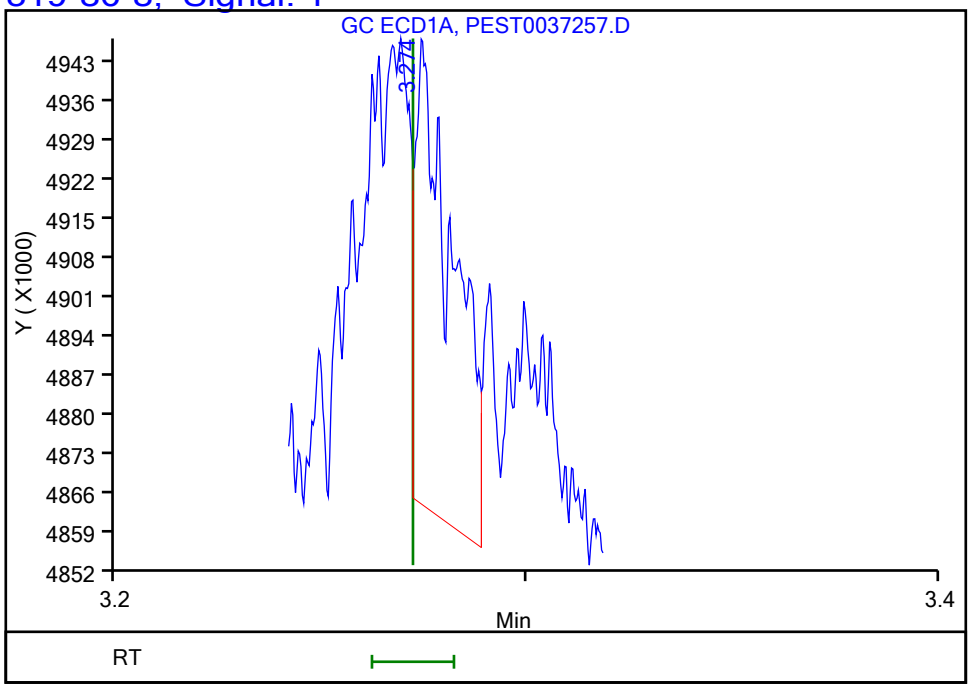
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

32 delta-BHC, CAS: 319-86-8, Signal: 1

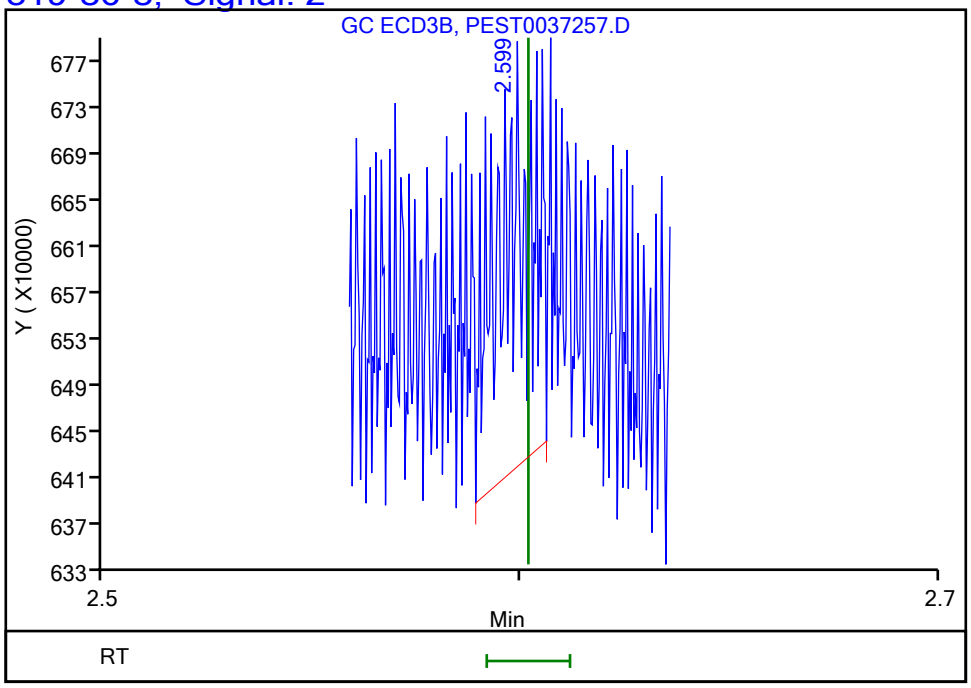
RT: 3.27
Response: 52545
Amount: 0.021594



Column: Detector GC ECD2B

32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.60
Response: 188948
Amount: 0.053164



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

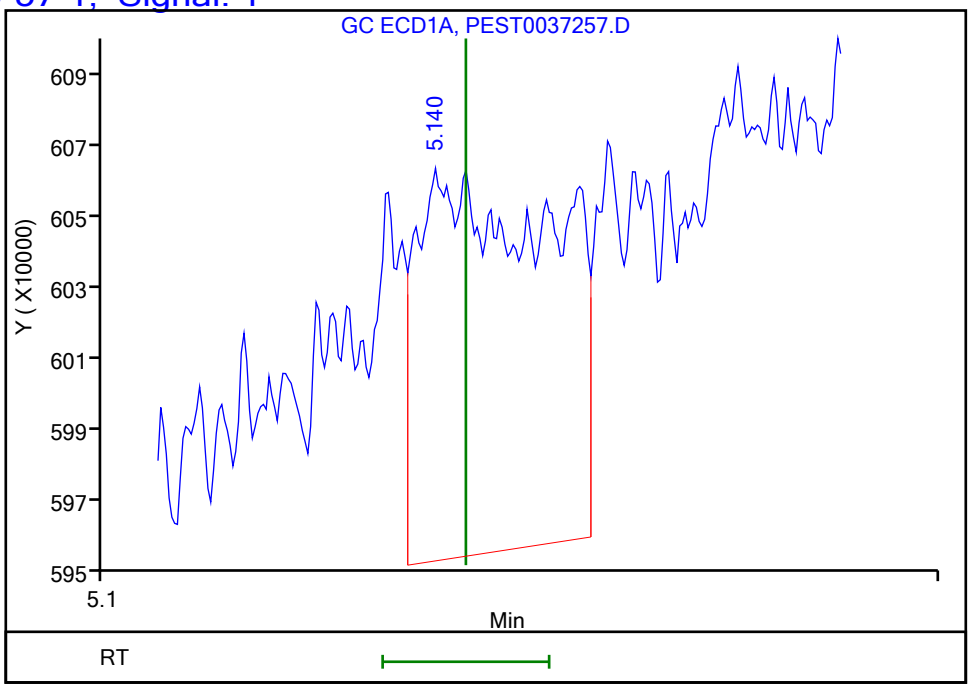
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

30 Dieldrin, CAS: 60-57-1, Signal: 1

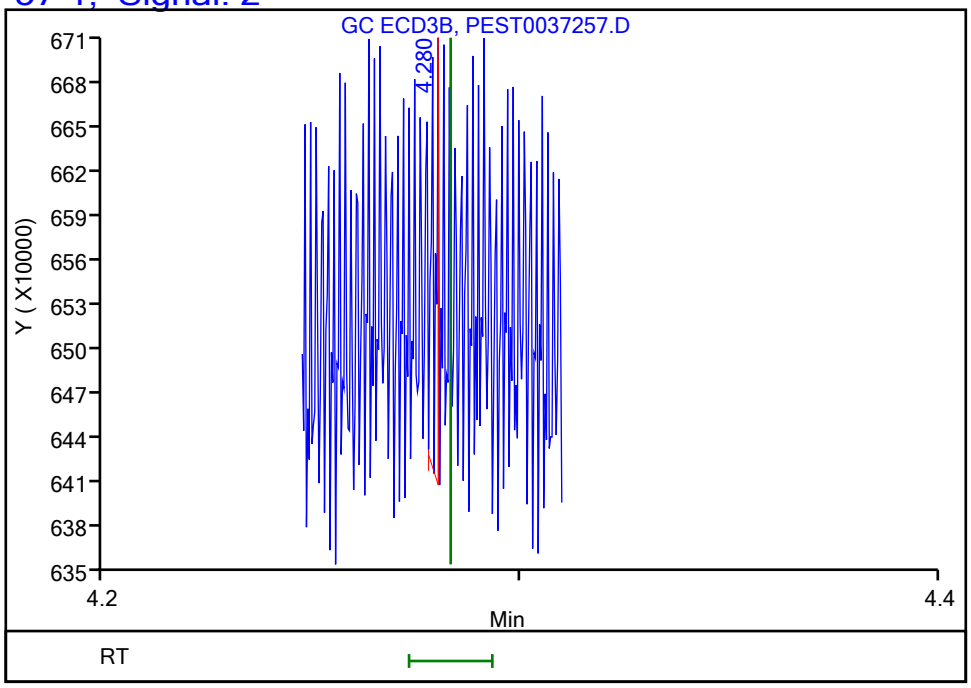
RT: 5.14
Response: 108323
Amount: 0.050646



Column: Detector GC ECD2B

30 Dieldrin, CAS: 60-57-1, Signal: 2

RT: 4.28
Response: 19002
Amount: 0.005695



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

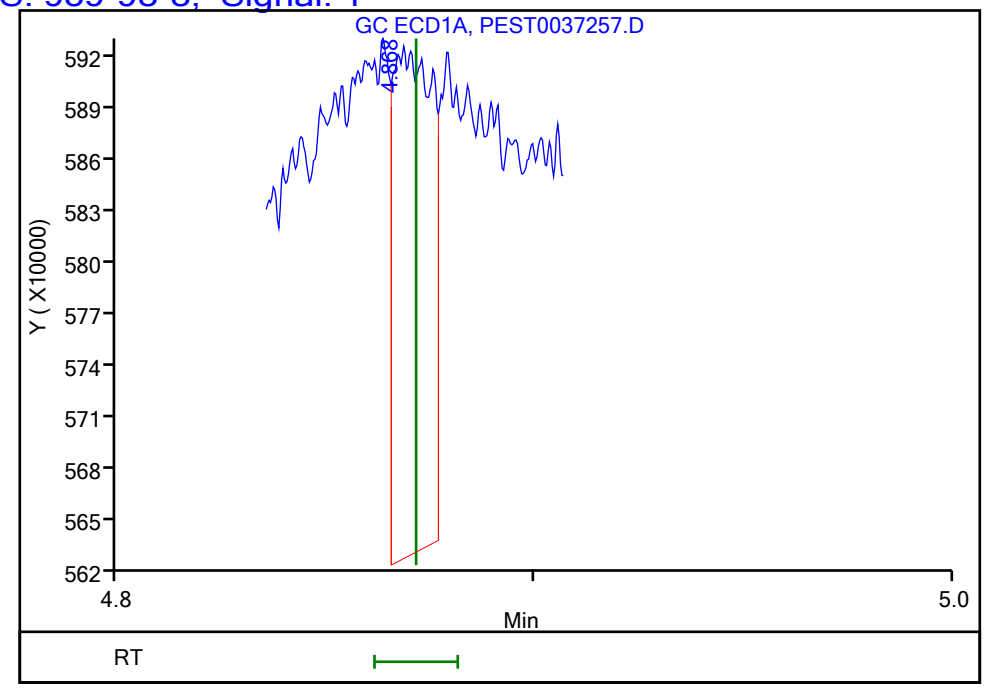
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

7 Endosulfan I, CAS: 959-98-8, Signal: 1

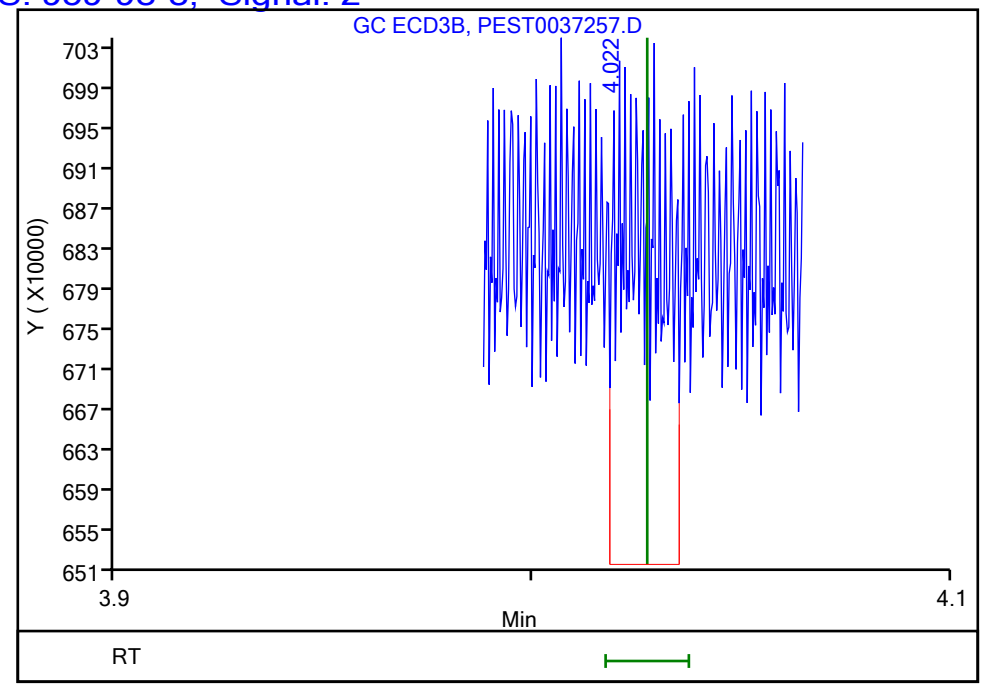
RT: 4.87
Response: 190134
Amount: 0.100712



Column: Detector GC ECD2B

7 Endosulfan I, CAS: 959-98-8, Signal: 2

RT: 4.02
Response: 322837
Amount: 0.109362



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

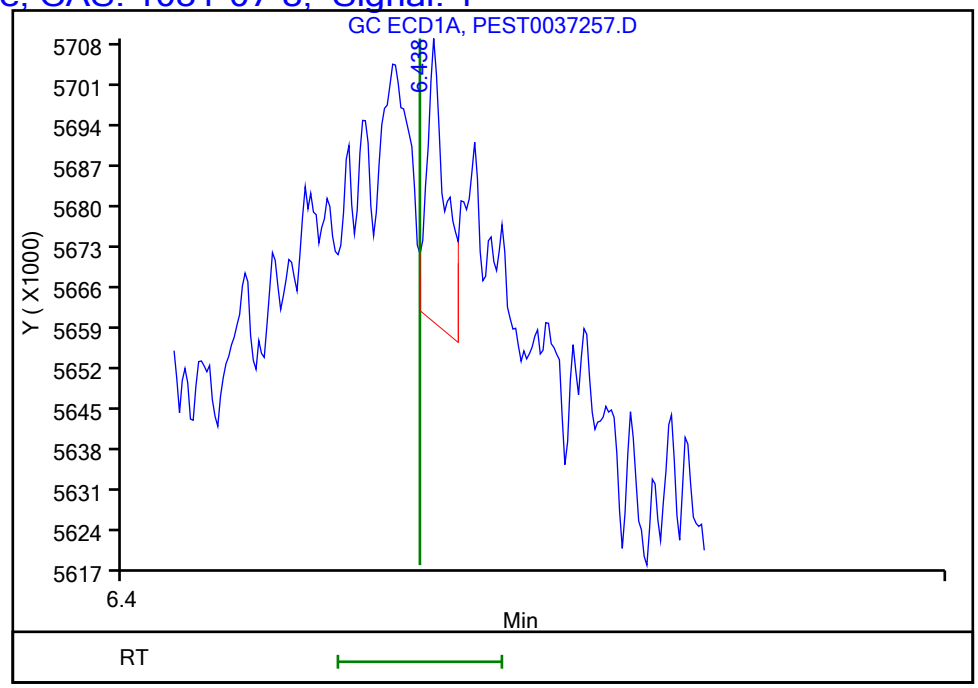
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 1

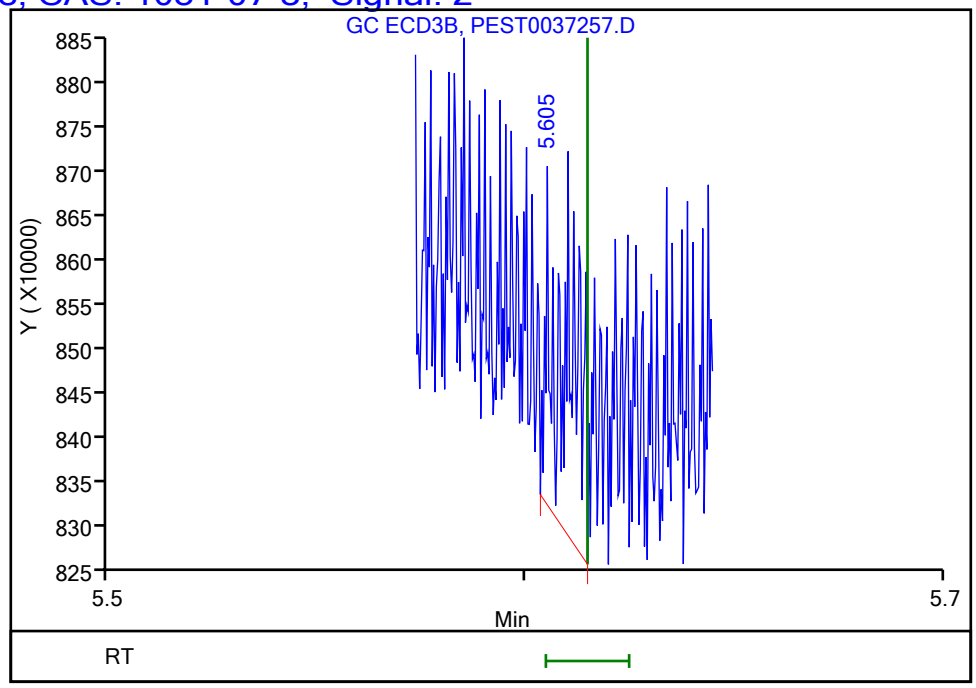
RT: 6.44
Response: 7517
Amount: 0.004627



Column: Detector GC ECD2B

3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 2

RT: 5.61
Response: 124371
Amount: 0.051266



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

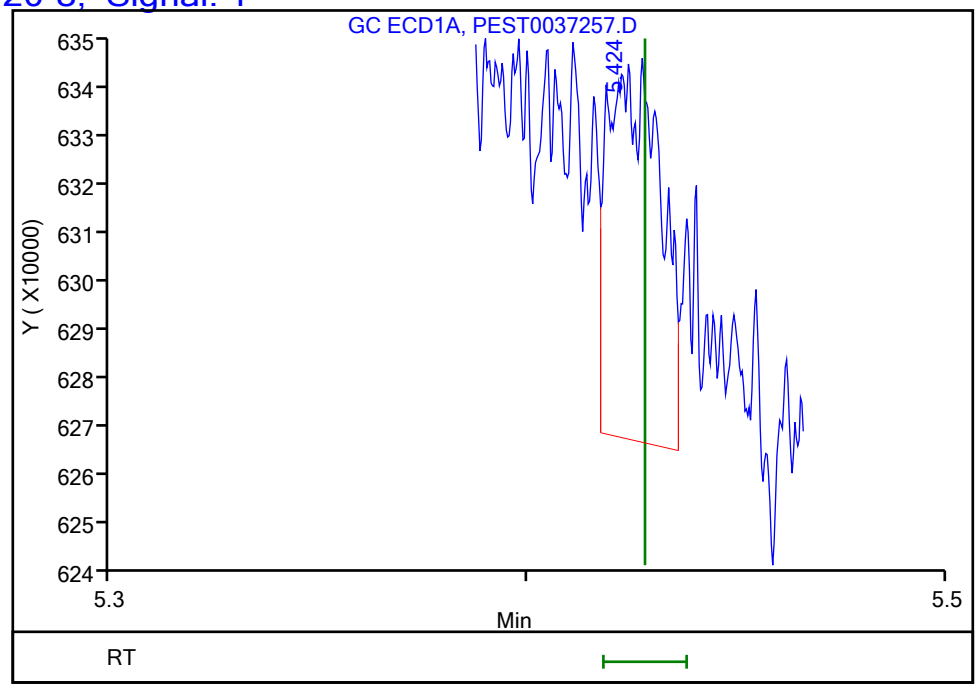
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

20 Endrin, CAS: 72-20-8, Signal: 1

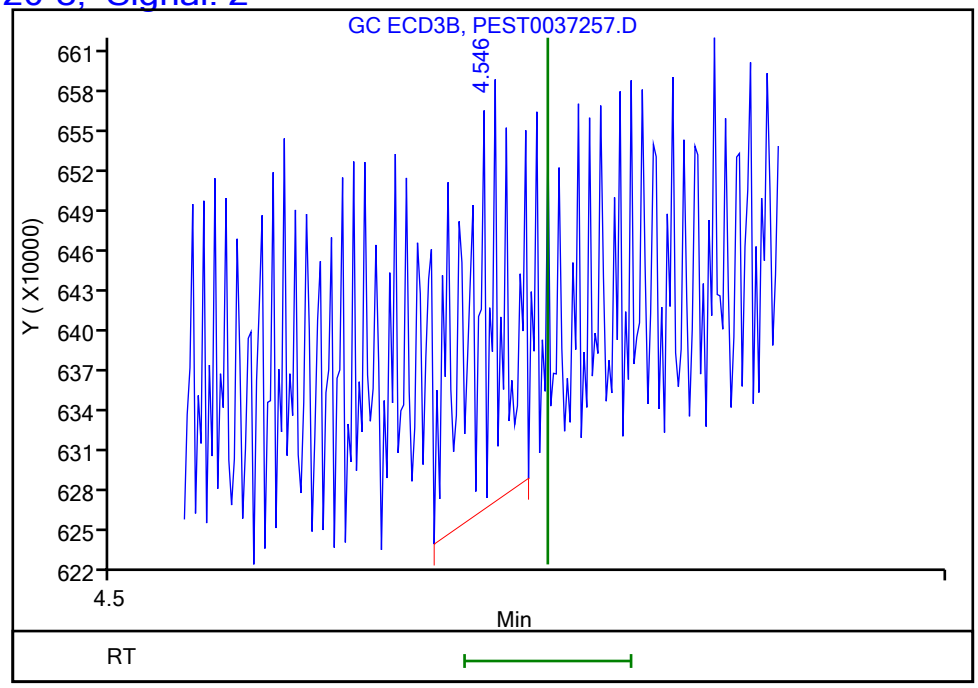
RT: 5.42
Response: 66969
Amount: 0.038824



Column: Detector GC ECD2B

20 Endrin, CAS: 72-20-8, Signal: 2

RT: 4.55
Response: 90649
Amount: 0.034220



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

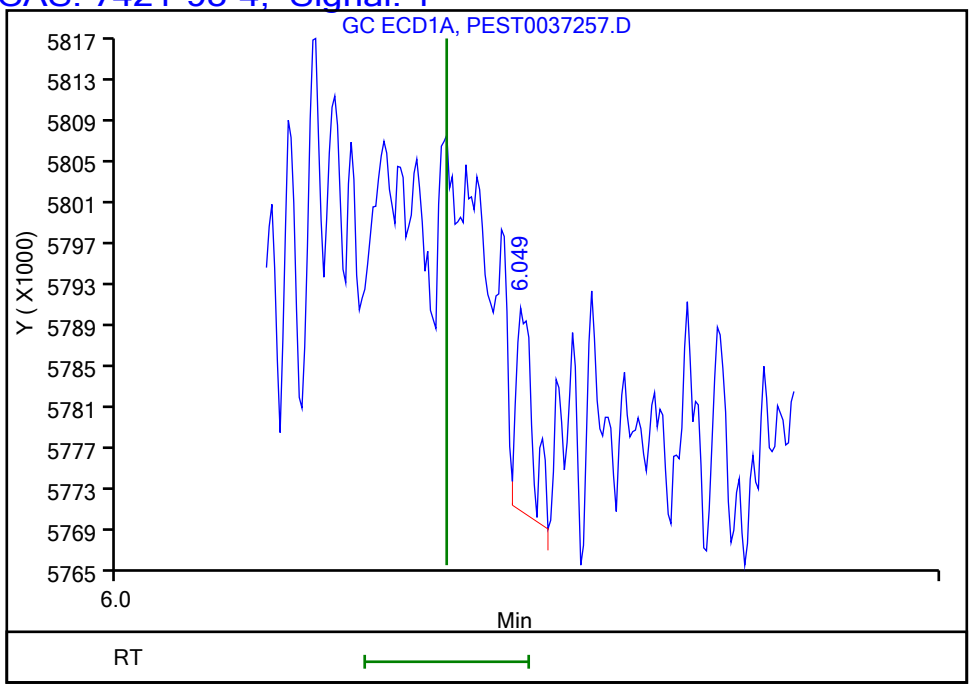
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

5 Endrin aldehyde, CAS: 7421-93-4, Signal: 1

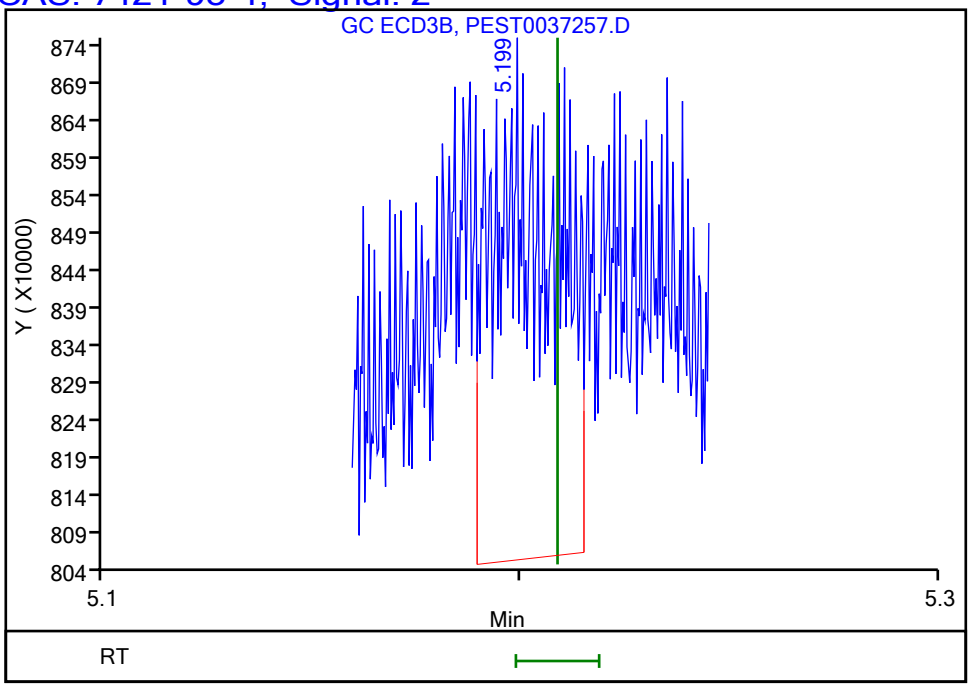
RT: 6.05
Response: 2747
Amount: 0.001750



Column: Detector GC ECD2B

5 Endrin aldehyde, CAS: 7421-93-4, Signal: 2

RT: 5.20
Response: 644083
Amount: 9.820073



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

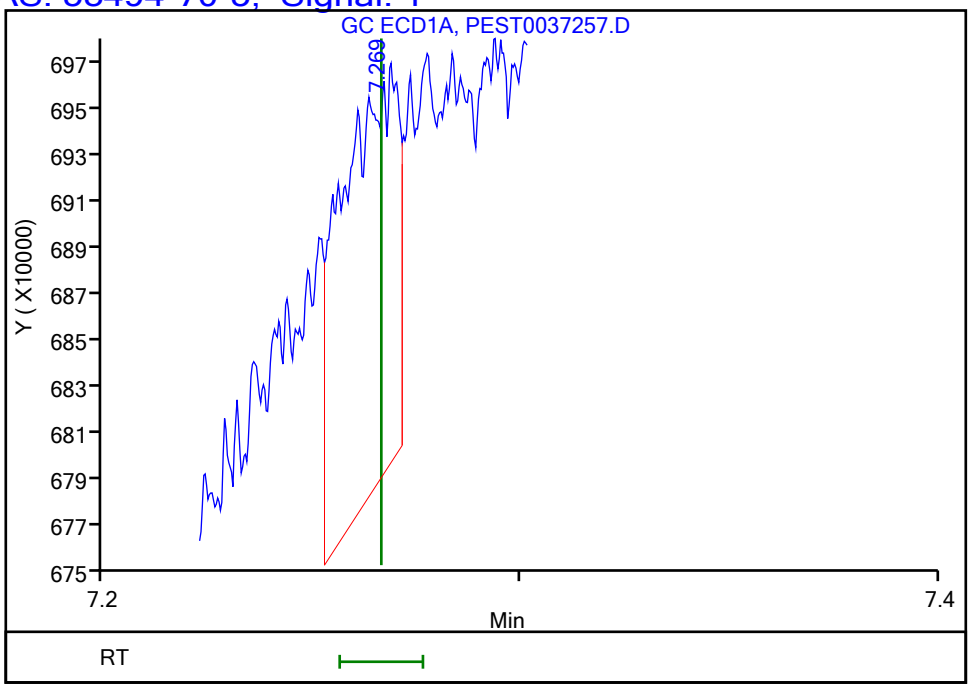
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

13 Endrin ketone, CAS: 53494-70-5, Signal: 1

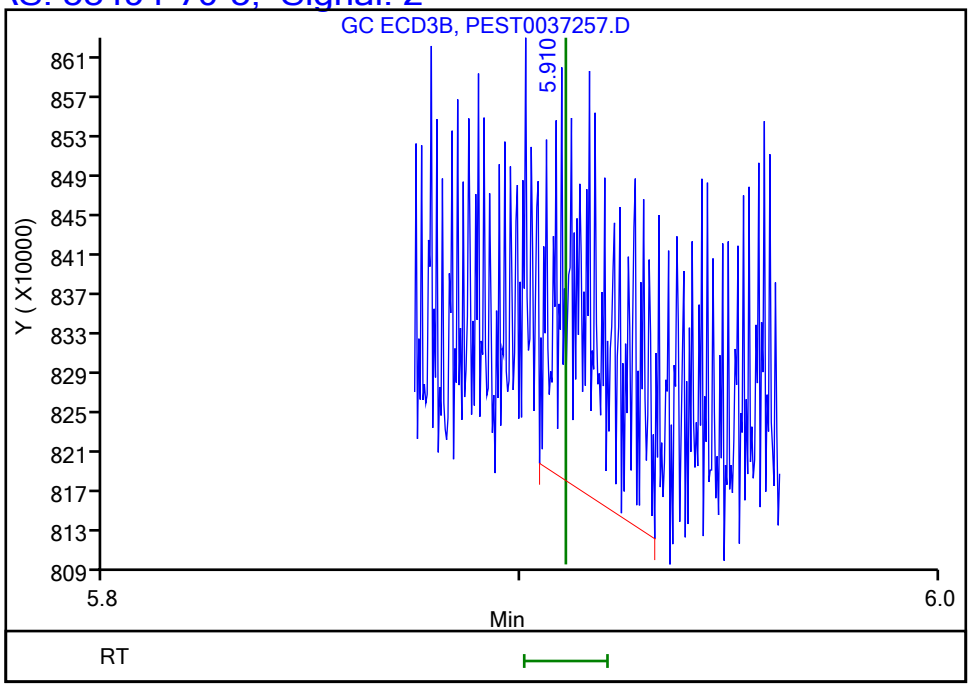
RT: 7.27
Response: 171820
Amount: 0.084232



Column: Detector GC ECD2B

13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.91
Response: 290298
Amount: 0.093666



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

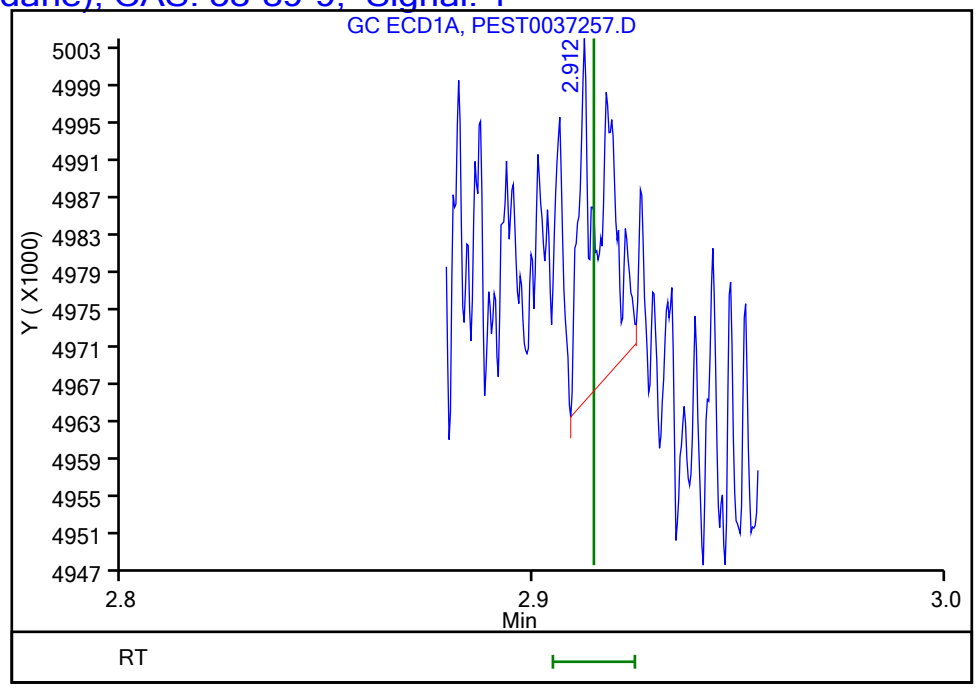
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

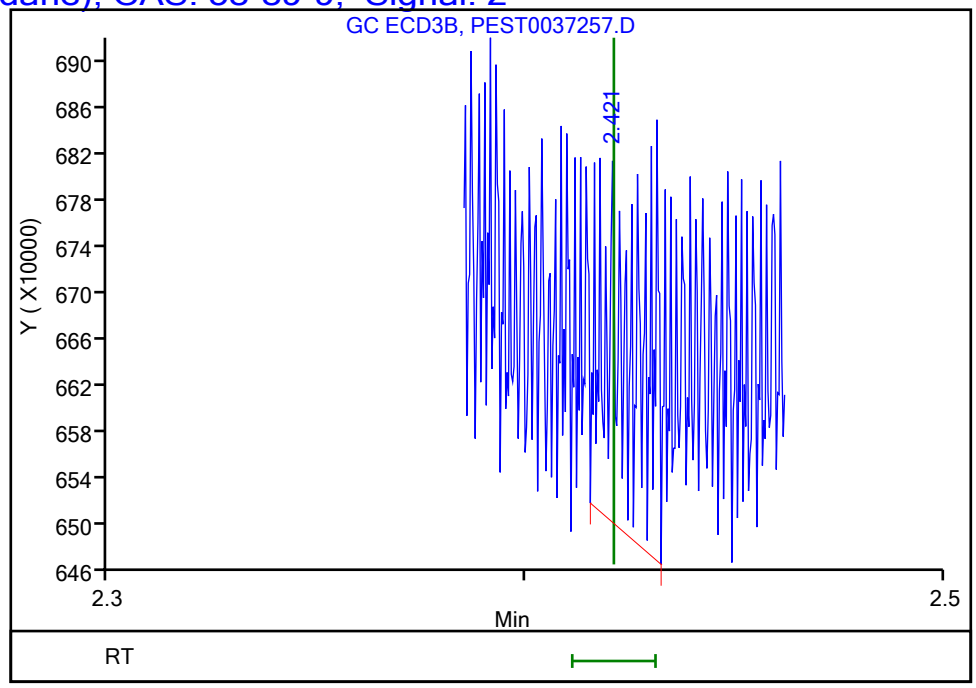
RT: 2.91
Response: 15840
Amount: 0.006187



Column: Detector GC ECD2B

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.42
Response: 159979
Amount: 0.042107



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

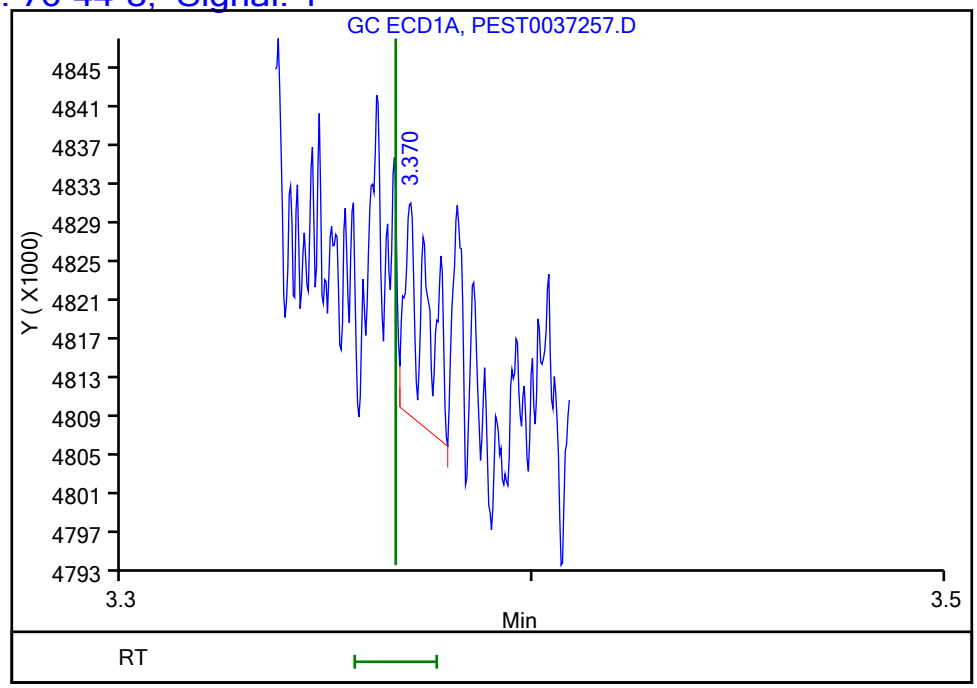
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

18 Heptachlor, CAS: 76-44-8, Signal: 1

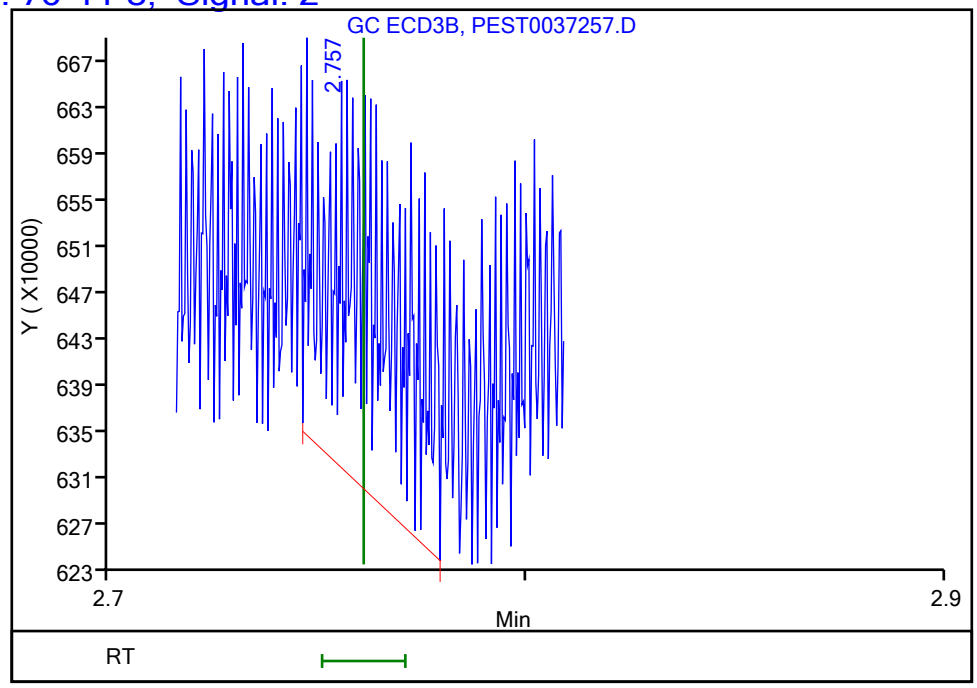
RT: 3.37
Response: 8330
Amount: 0.004002



Column: Detector GC ECD2B

18 Heptachlor, CAS: 76-44-8, Signal: 2

RT: 2.76
Response: 321769
Amount: 0.100436



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

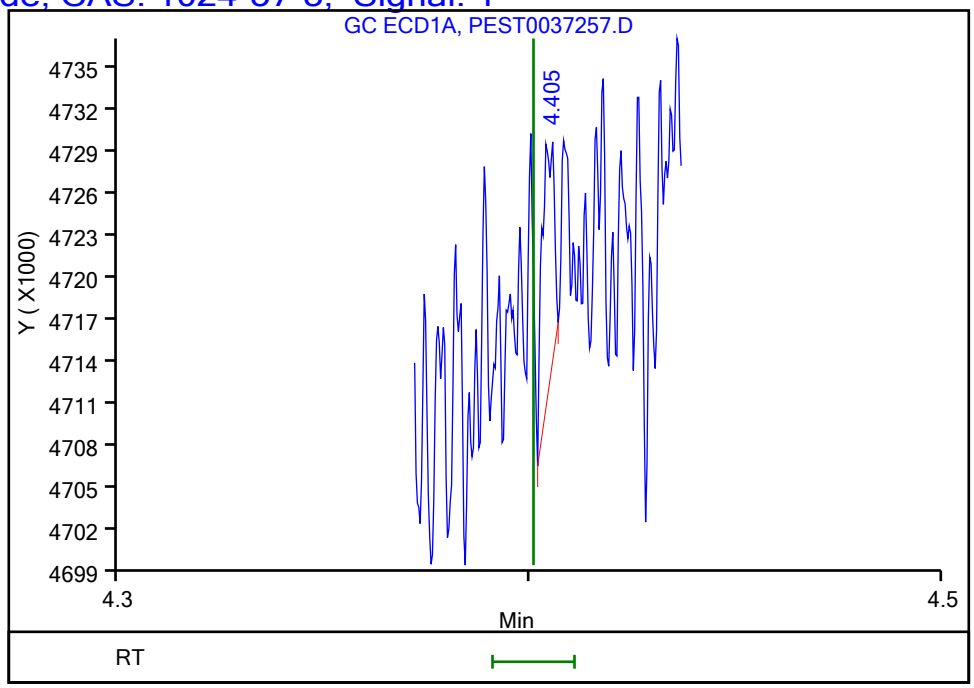
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 1

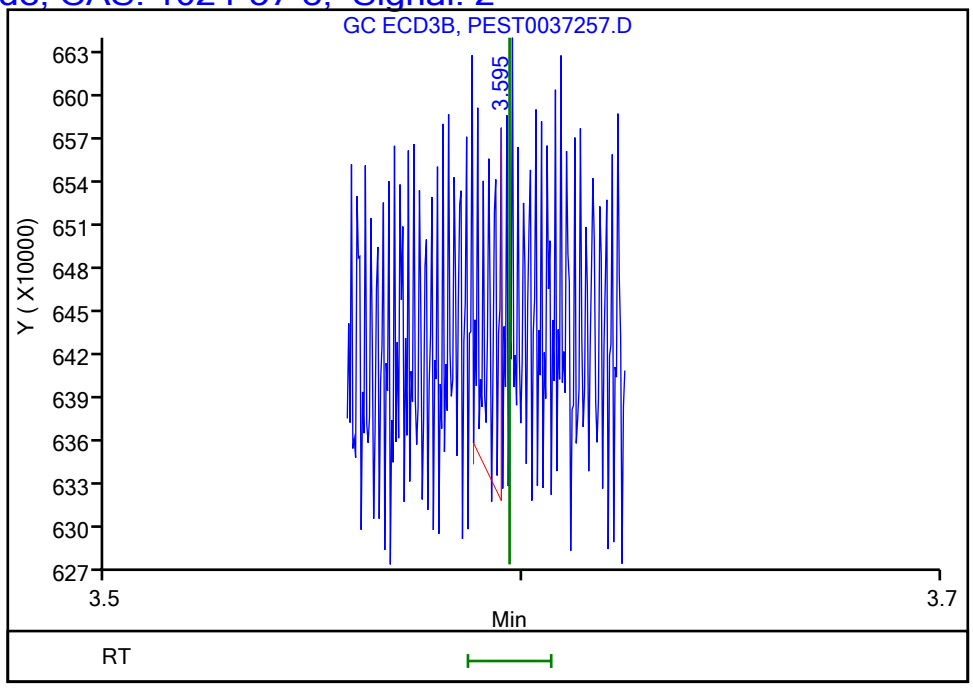
RT: 4.41
Response: 3525
Amount: 0.001705



Column: Detector GC ECD2B

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 2

RT: 3.59
Response: 40788
Amount: 0.012566



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

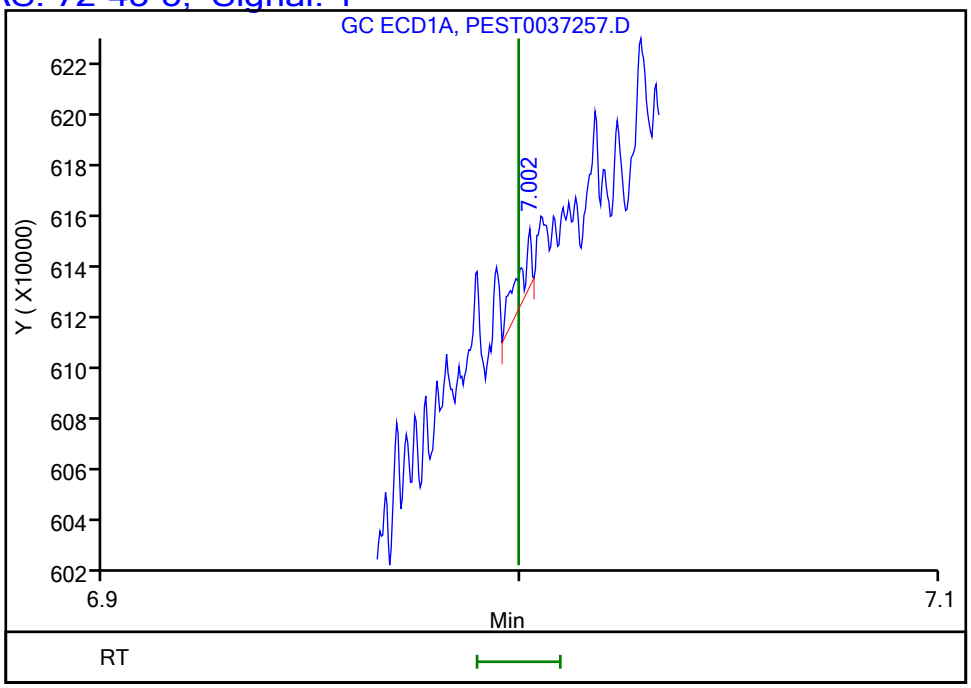
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037257.D
Injection Date: 02-May-2022 03:29:36 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5, Signal: 1

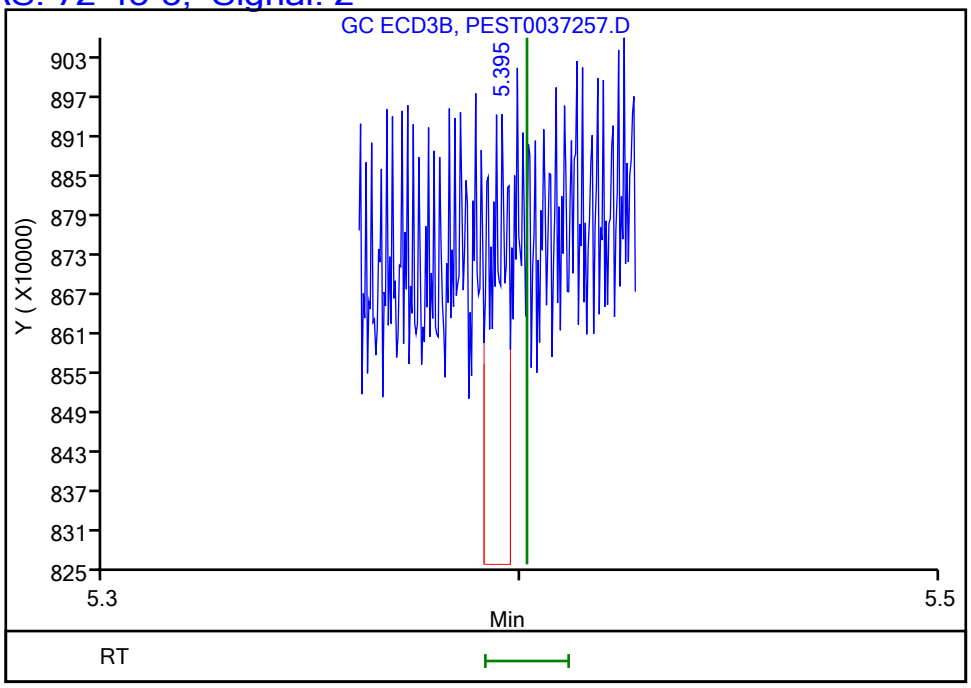
RT: 7.00
Response: 4897
Amount: 0.006400



Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.40
Response: 186395
Amount: 0.156250



Reviewer: manlangitf, 02-May-2022 04:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-842217/2-A

Matrix: Solid | Lab File ID: PEST0037263.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/30/2022 18:29

Sample wt/vol: 15.00(g) | Date Analyzed: 05/02/2022 04:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842342 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	*4,4'-DDD*	*130*		*6.7*	*1.1*
72-55-9	*4,4'-DDE*	*131*		*6.7*	*0.79*
50-29-3	*4,4'-DDT*	*153*		*6.7*	*1.2*
309-00-2	*Aldrin*	*125*		*6.7*	*1.0*
319-84-6	*alpha-BHC*	*133*		*2.0*	*0.68*
319-85-7	*beta-BHC*	*132*		*2.0*	*0.75*
319-86-8	*delta-BHC*	*127*		*2.0*	*0.41*
60-57-1	*Dieldrin*	*131*		*2.0*	*0.87*
959-98-8	*Endosulfan I*	*124*		*6.7*	*1.0*
33213-65-9	*Endosulfan II*	*128*		*6.7*	*1.7*
1031-07-8	*Endosulfan sulfate*	*137*		*6.7*	*0.84*
72-20-8	*Endrin*	*155*		*6.7*	*0.96*
7421-93-4	*Endrin aldehyde*	*116*		*6.7*	*1.6*
53494-70-5	*Endrin ketone*	*121*		*6.7*	*1.3*
58-89-9	*gamma-BHC (Lindane)*	*130*		*2.0*	*0.62*
76-44-8	*Heptachlor*	*143*		*6.7*	*0.79*
1024-57-3	*Heptachlor epoxide*	*124*		*6.7*	*1.0*
72-43-5	*Methoxychlor*	*149*		*6.7*	*1.5*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	70		43-150
877-09-8	Tetrachloro-m-xylene	64		26-137

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037263.D
Lims ID: LCS 460-842217/2-A
Client ID:
Sample Type: LCS
Inject. Date: 02-May-2022 04:43:29 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144751-007
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-May-2022 11:10:10 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1671

First Level Reviewer: manlangitf Date: 02-May-2022 09:46:22

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.636	1.634	0.002	227638603	100.0	100.0	
2	1.540	1.539	0.001	311843318	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.169	2.169	0.000	79526633	50.0	32.2	
2	1.902	1.903	-0.001	128867908	50.0	35.4	
						RPD = 9.35	
15 alpha-BHC							M
1	2.611	2.611	0.000	702082397	200.0	199.0	M
2	2.219	2.219	0.000	1128766730	200.0	208.1	M
						RPD = 4.50	
2 gamma-BHC (Lindane)							
1	2.915	2.915	0.000	628461665	200.0	194.6	
2	2.420	2.421	-0.001	1044465340	200.0	205.7	
						RPD = 5.52	
6 beta-BHC							
1	2.973	2.973	0.000	250109645	200.0	197.9	
2	2.471	2.473	-0.002	401263313	200.0	210.1	
						RPD = 5.99	
32 delta-BHC							
1	3.272	3.272	0.000	582313958	200.0	189.8	
2	2.601	2.602	-0.001	932766060	200.0	196.4	
						RPD = 3.43	
18 Heptachlor							
1	3.367	3.366	0.001	562245452	200.0	214.2	
2	2.761	2.761	0.000	941602632	200.0	219.9	
						RPD = 2.64	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.747	3.747	0.000	541825575	200.0	187.7	
2	3.009	3.010	-0.001	929148849	200.0	193.7	
						RPD = 3.14	
12 Heptachlor epoxide							
1	4.401	4.401	0.000	485691841	200.0	186.3	
2	3.596	3.597	-0.001	837001946	200.0	192.9	
						RPD = 3.50	
9 trans-Chlordane							
1	4.637	4.637	0.000	488365801	200.0	190.6	
2	3.730	3.732	-0.002	895397650	200.0	201.0	
						RPD = 5.34	
23 cis-Chlordane							
1	4.806	4.806	0.000	462048781	200.0	184.0	
2	3.874	3.875	-0.001	848002041	200.0	199.9	
						RPD = 8.31	
7 Endosulfan I							
1	4.871	4.871	0.000	442796076	200.0	186.0	
2	4.025	4.027	-0.002	774481438	200.0	196.3	
						RPD = 5.40	
25 4,4'-DDE							
1	4.975	4.975	0.000	499110587	200.0	196.2	
2	3.953	3.954	-0.001	894967632	200.0	203.7	
						RPD = 3.75	
30 Dieldrin							
1	5.143	5.143	0.000	530273508	200.0	196.6	
2	4.281	4.283	-0.002	902317078	200.0	202.3	
						RPD = 2.87	
20 Endrin							
1	5.428	5.428	0.000	506087384	200.0	232.6	
2	4.551	4.552	-0.001	838500882	200.0	236.8	
						RPD = 1.78	
16 4,4'-DDD							
1	5.540	5.542	-0.002	431251127	200.0	195.4	
2	4.631	4.634	-0.003	749973973	200.0	206.1	
						RPD = 5.33	
11 Endosulfan II							
1	5.639	5.640	-0.001	450473098	200.0	192.0	
2	4.802	4.803	-0.001	731231003	200.0	195.6	
						RPD = 1.83	
21 4,4'-DDT							
1	5.901	5.901	0.000	403092982	200.0	229.6	
2	4.931	4.933	-0.002	707856488	200.0	232.7	
						RPD = 1.37	
5 Endrin aldehyde							
1	6.040	6.040	0.000	346002260	200.0	174.7	
2	5.206	5.209	-0.003	557824943	200.0	175.0	
						RPD = 0.18	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.435	6.436	-0.001	422421917	200.0	206.2	
2	5.613	5.615	-0.002	701630855	200.0	216.4	
						RPD = 4.83	
10 Methoxychlor							
1	6.997	6.999	-0.002	215605576	200.0	223.4	
2	5.400	5.401	-0.001	344038919	200.0	215.8	
						RPD = 3.49	
34 Mirex							
1	7.189	7.189	0.000	299211265	200.0	168.5	
2	5.483	5.485	-0.002	486349221	200.0	171.4	
						RPD = 1.70	
13 Endrin ketone							
1	7.265	7.266	-0.001	467435086	200.0	181.7	
2	5.906	5.911	-0.005	741435204	200.0	179.0	
						RPD = 1.50	
$ 24 DCB Decachlorobiphenyl							
1	8.441	8.445	-0.004	63204043	50.0	34.9	
2	7.440	7.441	-0.001	113675553	50.0	32.5	
						RPD = 7.15	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

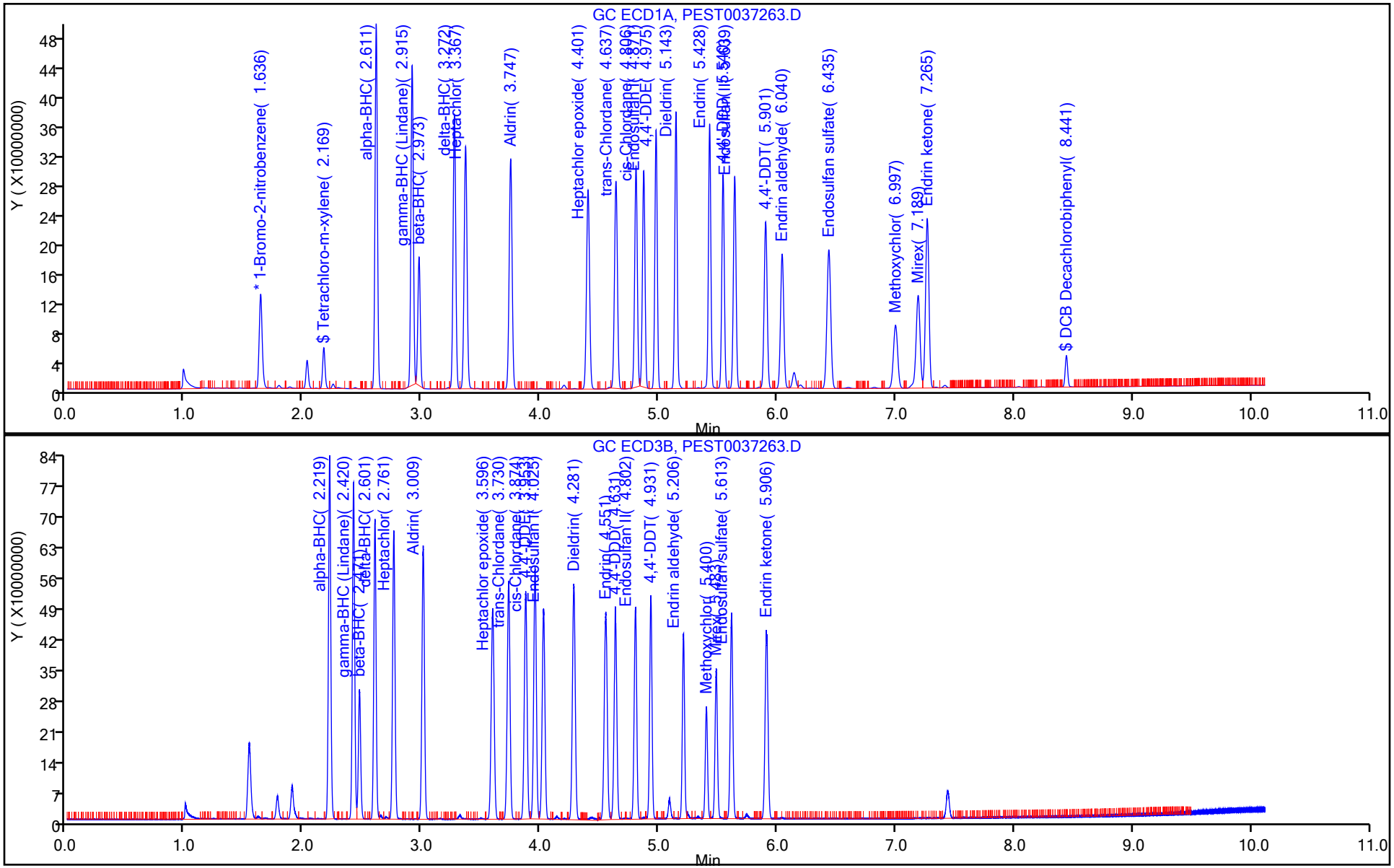
SGPESTISTD_00018 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-May-2022 11:10:18 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037263.D

Injection Date:	02-May-2022 04:43:29	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	LCS 460-842217/2-A			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Manual Integration/User Assign Peak Report

Eurofins Edison

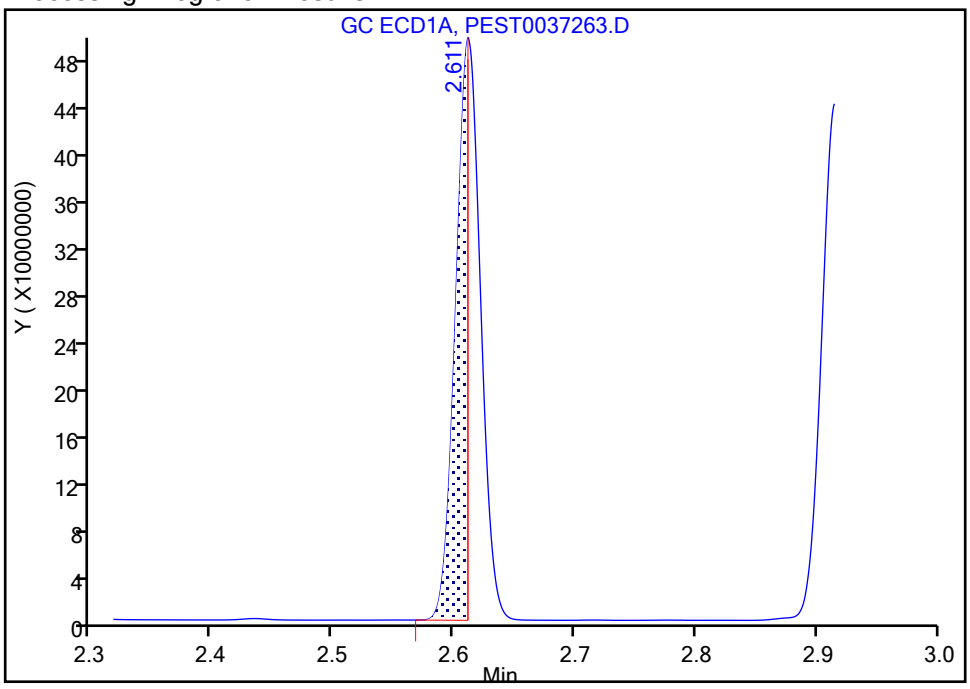
Data File:	\\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037263.D				
Injection Date:	02-May-2022 04:43:29	Instrument ID:	CPESTGC12		
Lims ID:	LCS 460-842217/2-A				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		
Column:		Detector	GC ECD1A		

15 alpha-BHC, CAS: 319-84-6

Signal: 1

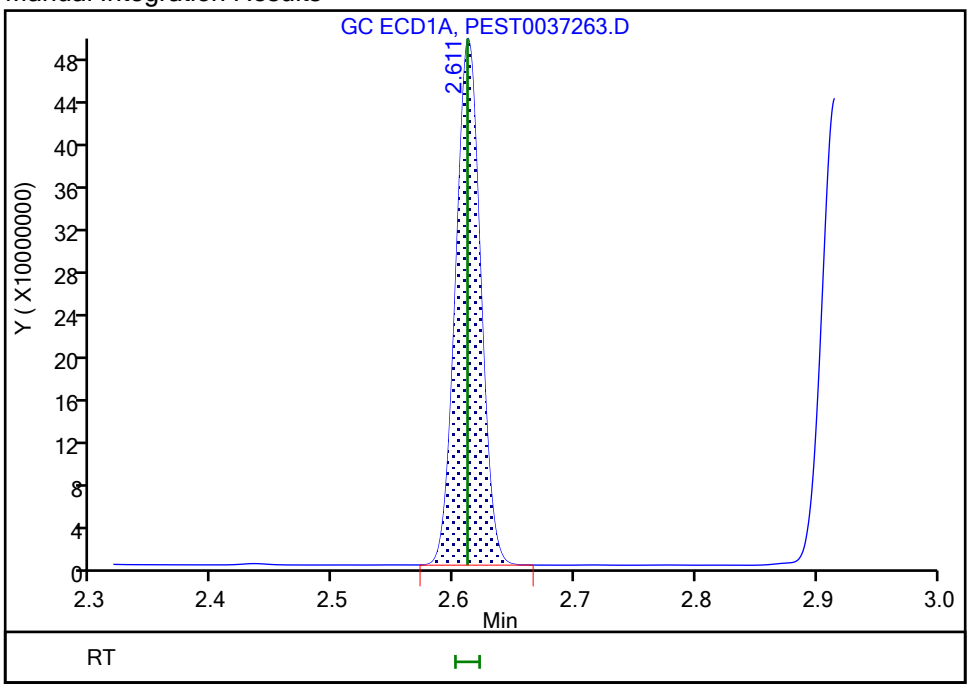
Processing Integration Results

RT: 2.61
Area: 340445368
Amount: 96.485428
Amount Units: ug/l



Manual Integration Results

RT: 2.61
Area: 702082397
Amount: 198.9768
Amount Units: ug/l



Reviewer: manlangitf, 02-May-2022 09:46:19

Audit Action: Manually Integrated Audit Reason: Peak not integrated

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-842217/2-A

Matrix: Solid | Lab File ID: PEST0037263.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/30/2022 18:29

Sample wt/vol: 15.00(g) | Date Analyzed: 05/02/2022 04:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842342 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	137		6.7	1.1
72-55-9	4,4'-DDE	136		6.7	0.79
50-29-3	4,4'-DDT	155		6.7	1.2
309-00-2	Aldrin	129		6.7	1.0
319-84-6	alpha-BHC	139		2.0	0.68
319-85-7	beta-BHC	140		2.0	0.75
319-86-8	delta-BHC	131		2.0	0.41
60-57-1	Dieldrin	135		2.0	0.87
959-98-8	Endosulfan I	131		6.7	1.0
33213-65-9	Endosulfan II	130		6.7	1.7
1031-07-8	Endosulfan sulfate	144		6.7	0.84
72-20-8	Endrin	158		6.7	0.96
7421-93-4	Endrin aldehyde	117		6.7	1.6
53494-70-5	Endrin ketone	119		6.7	1.3
58-89-9	gamma-BHC (Lindane)	137		2.0	0.62
76-44-8	Heptachlor	147		6.7	0.79
1024-57-3	Heptachlor epoxide	129		6.7	1.0
72-43-5	Methoxychlor	144		6.7	1.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	65		43-150
877-09-8	Tetrachloro-m-xylene	71		26-137

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037263.D
Lims ID: LCS 460-842217/2-A
Client ID:
Sample Type: LCS
Inject. Date: 02-May-2022 04:43:29 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144751-007
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-May-2022 11:10:10 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1671

First Level Reviewer: manlangitf Date: 02-May-2022 09:46:22

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.636	1.634	0.002	227638603	100.0	100.0	
2	1.540	1.539	0.001	311843318	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.169	2.169	0.000	79526633	50.0	32.2	
2	1.902	1.903	-0.001	128867908	50.0	35.4	
						RPD = 9.35	
15 alpha-BHC							M
1	2.611	2.611	0.000	702082397	200.0	199.0	M
2	2.219	2.219	0.000	1128766730	200.0	208.1	M
						RPD = 4.50	
2 gamma-BHC (Lindane)							
1	2.915	2.915	0.000	628461665	200.0	194.6	
2	2.420	2.421	-0.001	1044465340	200.0	205.7	
						RPD = 5.52	
6 beta-BHC							
1	2.973	2.973	0.000	250109645	200.0	197.9	
2	2.471	2.473	-0.002	401263313	200.0	210.1	
						RPD = 5.99	
32 delta-BHC							
1	3.272	3.272	0.000	582313958	200.0	189.8	
2	2.601	2.602	-0.001	932766060	200.0	196.4	
						RPD = 3.43	
18 Heptachlor							
1	3.367	3.366	0.001	562245452	200.0	214.2	
2	2.761	2.761	0.000	941602632	200.0	219.9	
						RPD = 2.64	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.747	3.747	0.000	541825575	200.0	187.7	
2	3.009	3.010	-0.001	929148849	200.0	193.7	
						RPD = 3.14	
12 Heptachlor epoxide							
1	4.401	4.401	0.000	485691841	200.0	186.3	
2	3.596	3.597	-0.001	837001946	200.0	192.9	
						RPD = 3.50	
9 trans-Chlordane							
1	4.637	4.637	0.000	488365801	200.0	190.6	
2	3.730	3.732	-0.002	895397650	200.0	201.0	
						RPD = 5.34	
23 cis-Chlordane							
1	4.806	4.806	0.000	462048781	200.0	184.0	
2	3.874	3.875	-0.001	848002041	200.0	199.9	
						RPD = 8.31	
7 Endosulfan I							
1	4.871	4.871	0.000	442796076	200.0	186.0	
2	4.025	4.027	-0.002	774481438	200.0	196.3	
						RPD = 5.40	
25 4,4'-DDE							
1	4.975	4.975	0.000	499110587	200.0	196.2	
2	3.953	3.954	-0.001	894967632	200.0	203.7	
						RPD = 3.75	
30 Dieldrin							
1	5.143	5.143	0.000	530273508	200.0	196.6	
2	4.281	4.283	-0.002	902317078	200.0	202.3	
						RPD = 2.87	
20 Endrin							
1	5.428	5.428	0.000	506087384	200.0	232.6	
2	4.551	4.552	-0.001	838500882	200.0	236.8	
						RPD = 1.78	
16 4,4'-DDD							
1	5.540	5.542	-0.002	431251127	200.0	195.4	
2	4.631	4.634	-0.003	749973973	200.0	206.1	
						RPD = 5.33	
11 Endosulfan II							
1	5.639	5.640	-0.001	450473098	200.0	192.0	
2	4.802	4.803	-0.001	731231003	200.0	195.6	
						RPD = 1.83	
21 4,4'-DDT							
1	5.901	5.901	0.000	403092982	200.0	229.6	
2	4.931	4.933	-0.002	707856488	200.0	232.7	
						RPD = 1.37	
5 Endrin aldehyde							
1	6.040	6.040	0.000	346002260	200.0	174.7	
2	5.206	5.209	-0.003	557824943	200.0	175.0	
						RPD = 0.18	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.435	6.436	-0.001	422421917	200.0	206.2	
2	5.613	5.615	-0.002	701630855	200.0	216.4	
						RPD = 4.83	
10 Methoxychlor							
1	6.997	6.999	-0.002	215605576	200.0	223.4	
2	5.400	5.401	-0.001	344038919	200.0	215.8	
						RPD = 3.49	
34 Mirex							
1	7.189	7.189	0.000	299211265	200.0	168.5	
2	5.483	5.485	-0.002	486349221	200.0	171.4	
						RPD = 1.70	
13 Endrin ketone							
1	7.265	7.266	-0.001	467435086	200.0	181.7	
2	5.906	5.911	-0.005	741435204	200.0	179.0	
						RPD = 1.50	
$ 24 DCB Decachlorobiphenyl							
1	8.441	8.445	-0.004	63204043	50.0	34.9	
2	7.440	7.441	-0.001	113675553	50.0	32.5	
						RPD = 7.15	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

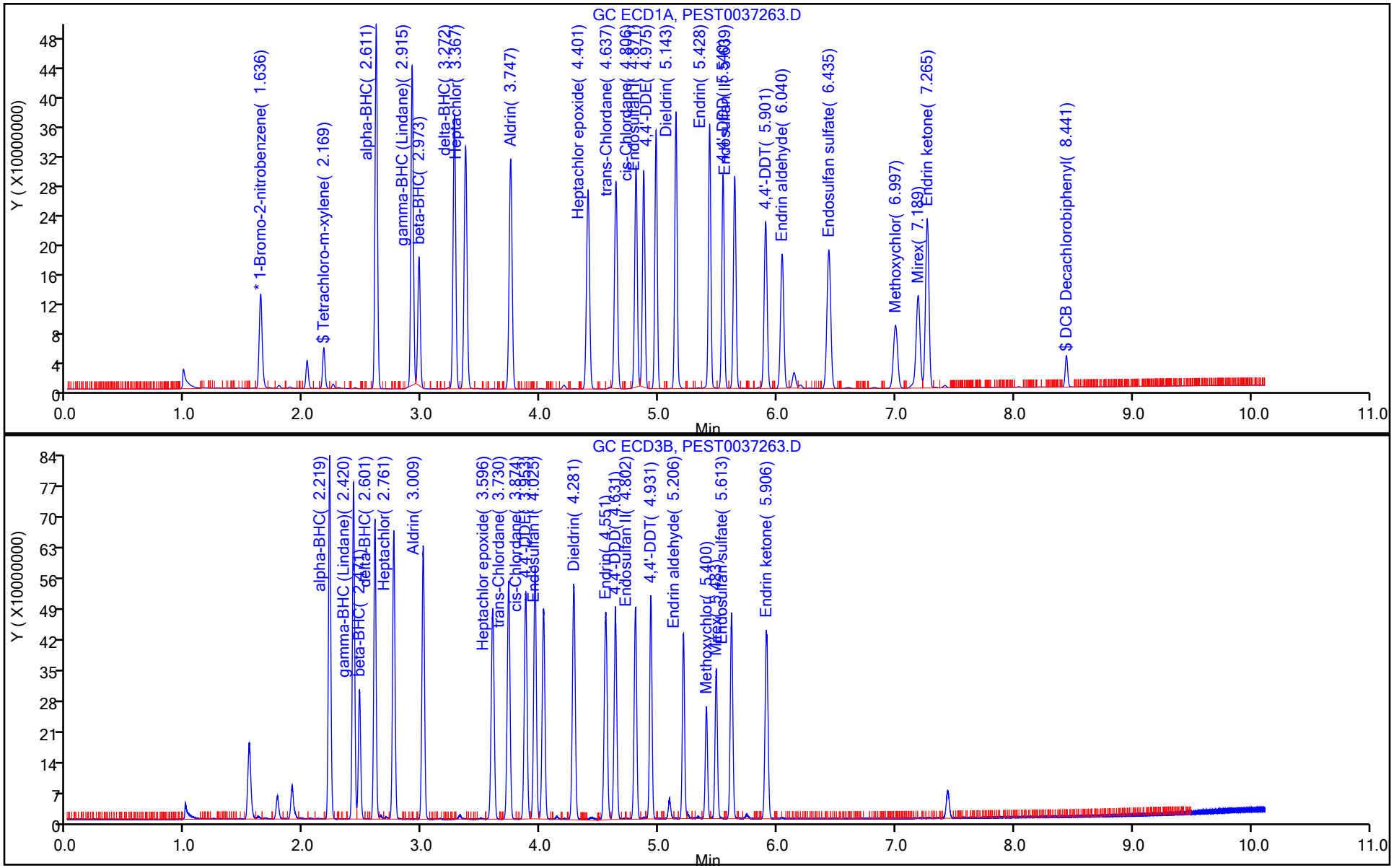
SGPESTISTD_00018 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-May-2022 11:10:18 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037263.D

Injection Date:	02-May-2022 04:43:29	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	LCS 460-842217/2-A			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Manual Integration/User Assign Peak Report

Eurofins Edison

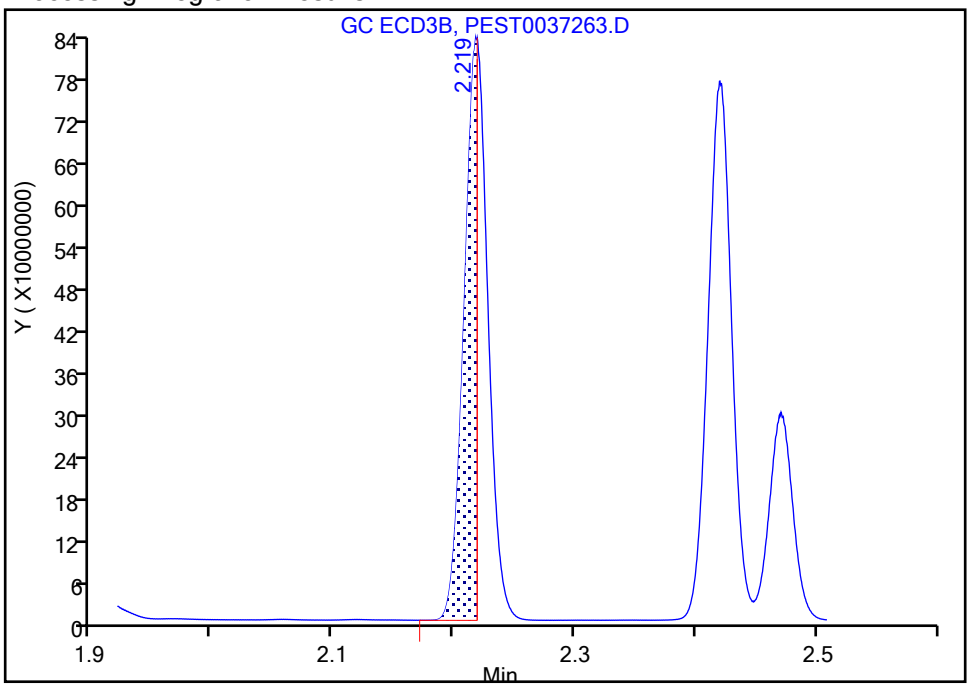
Data File:	\\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037263.D				
Injection Date:	02-May-2022 04:43:29	Instrument ID:	CPESTGC12		
Lims ID:	LCS 460-842217/2-A				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		
Column:		Detector	GC ECD2B		

15 alpha-BHC, CAS: 319-84-6

Signal: 2

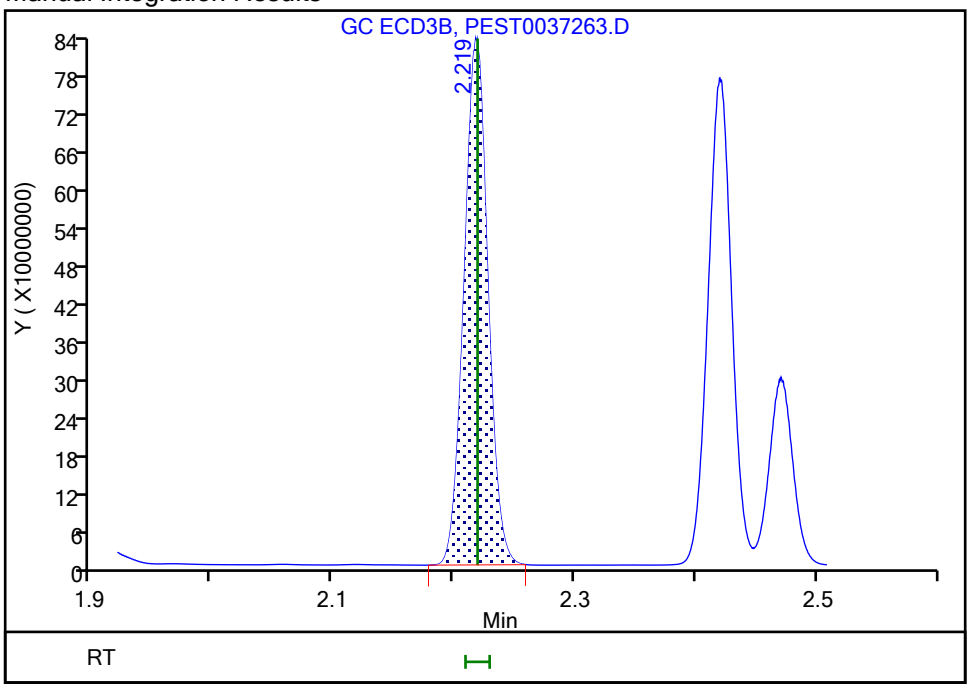
Processing Integration Results

RT: 2.22
Area: 603915106
Amount: 111.3547
Amount Units: ug/l



Manual Integration Results

RT: 2.22
Area: 1128766730
Amount: 208.1311
Amount Units: ug/l



Reviewer: manlangitf, 02-May-2022 11:10:07
Audit Action: Manually Integrated Audit Reason: Peak not integrated

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-842217/3-A

Matrix: Solid | Lab File ID: PEST0037264.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/30/2022 18:29

Sample wt/vol: 15.00(g) | Date Analyzed: 05/02/2022 04:55

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842342 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	*4,4'-DDD*	*128*		*6.7*	*1.1*
72-55-9	*4,4'-DDE*	*128*		*6.7*	*0.79*
50-29-3	*4,4'-DDT*	*151*		*6.7*	*1.2*
309-00-2	*Aldrin*	*123*		*6.7*	*1.0*
319-84-6	*alpha-BHC*	*131*		*2.0*	*0.68*
319-85-7	*beta-BHC*	*132*		*2.0*	*0.75*
319-86-8	*delta-BHC*	*125*		*2.0*	*0.41*
60-57-1	*Dieldrin*	*129*		*2.0*	*0.87*
959-98-8	*Endosulfan I*	*121*		*6.7*	*1.0*
33213-65-9	*Endosulfan II*	*126*		*6.7*	*1.7*
1031-07-8	*Endosulfan sulfate*	*136*		*6.7*	*0.84*
72-20-8	*Endrin*	*152*		*6.7*	*0.96*
7421-93-4	*Endrin aldehyde*	*115*		*6.7*	*1.6*
53494-70-5	*Endrin ketone*	*119*		*6.7*	*1.3*
58-89-9	*gamma-BHC (Lindane)*	*129*		*2.0*	*0.62*
76-44-8	*Heptachlor*	*140*		*6.7*	*0.79*
1024-57-3	*Heptachlor epoxide*	*122*		*6.7*	*1.0*
72-43-5	*Methoxychlor*	*145*		*6.7*	*1.5*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	69		43-150
877-09-8	Tetrachloro-m-xylene	63		26-137

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037264.D
Lims ID: LCSD 460-842217/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 02-May-2022 04:55:46 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144751-008
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-May-2022 11:10:10 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1671

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.636	1.634	0.002	230366492	100.0	100.0	
2	1.540	1.539	0.001	308158114	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.169	2.169	0.000	78255122	50.0	31.3	
2	1.901	1.903	-0.002	126911350	50.0	35.3	
						RPD = 11.80	
15 alpha-BHC							
1	2.612	2.611	0.001	701824849	200.0	196.5	
2	2.218	2.219	-0.001	1122117844	200.0	209.4	
						RPD = 6.32	
2 gamma-BHC (Lindane)							
1	2.915	2.915	0.000	631233545	200.0	193.2	
2	2.421	2.421	0.000	1036474172	200.0	206.6	
						RPD = 6.69	
6 beta-BHC							
1	2.973	2.973	0.000	253201179	200.0	198.0	
2	2.471	2.473	-0.002	402045823	200.0	213.0	
						RPD = 7.33	
32 delta-BHC							
1	3.272	3.272	0.000	581092416	200.0	187.1	
2	2.602	2.602	0.000	937279814	200.0	199.7	
						RPD = 6.50	
18 Heptachlor							
1	3.367	3.366	0.001	558274481	200.0	210.1	
2	2.760	2.761	-0.001	925467749	200.0	218.7	
						RPD = 4.00	
8 Aldrin							
1	3.747	3.747	0.000	538624146	200.0	184.4	
2	3.008	3.010	-0.002	930061333	200.0	196.2	
						RPD = 6.21	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.400	4.401	-0.001	482538100	200.0	182.9	
2	3.596	3.597	-0.001	846730604	200.0	197.5	
						RPD = 7.69	
9 trans-Chlordane							
1	4.637	4.637	0.000	483134450	200.0	186.3	
2	3.731	3.732	-0.001	909728631	200.0	206.7	
						RPD = 10.37	
23 cis-Chlordane							
1	4.806	4.806	0.000	458000660	200.0	180.2	
2	3.874	3.875	-0.001	859773041	200.0	205.1	
						RPD = 12.93	
7 Endosulfan I							
1	4.871	4.871	0.000	437221370	200.0	181.5	
2	4.026	4.027	-0.001	777868368	200.0	199.5	
						RPD = 9.48	
25 4,4'-DDE							
1	4.976	4.975	0.001	494456696	200.0	192.1	
2	3.955	3.954	0.001	901427567	200.0	207.6	
						RPD = 7.78	
30 Dieldrin							
1	5.143	5.143	0.000	526386307	200.0	192.8	
2	4.282	4.283	-0.001	900897841	200.0	204.4	
						RPD = 5.83	
20 Endrin							
1	5.428	5.428	0.000	503358981	200.0	228.7	
2	4.550	4.552	-0.002	837407926	200.0	239.4	
						RPD = 4.57	
16 4,4'-DDD							
1	5.541	5.542	-0.001	428873054	200.0	192.0	
2	4.633	4.634	-0.001	742266036	200.0	206.4	
						RPD = 7.23	
11 Endosulfan II							
1	5.639	5.640	-0.001	448073010	200.0	189.0	
2	4.801	4.803	-0.002	735627768	200.0	198.8	
						RPD = 5.10	
21 4,4'-DDT							
1	5.901	5.901	0.000	401604559	200.0	226.0	
2	4.932	4.933	-0.001	715203282	200.0	237.9	
						RPD = 5.15	
5 Endrin aldehyde							
1	6.040	6.040	0.000	346687882	200.0	173.0	
2	5.207	5.209	-0.002	575170624	200.0	182.2	
						RPD = 5.19	
3 Endosulfan sulfate							
1	6.434	6.436	-0.002	421468190	200.0	203.3	
2	5.613	5.615	-0.002	688908194	200.0	215.0	
						RPD = 5.61	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							
1	6.999	6.999	0.000	213030459	200.0	218.2	
2	5.401	5.401	0.000	340938808	200.0	216.4	
						RPD = 0.81	
34 Mirex							
1	7.189	7.189	0.000	299964599	200.0	166.9	
2	5.484	5.485	-0.001	487202084	200.0	173.6	
						RPD = 3.94	
13 Endrin ketone							
1	7.266	7.266	0.000	465262283	200.0	178.7	
2	5.909	5.911	-0.002	750610453	200.0	183.4	
						RPD = 2.57	
$ 24 DCB Decachlorobiphenyl							
1	8.441	8.445	-0.004	63402588	50.0	34.6	
2	7.439	7.441	-0.002	113183810	50.0	32.8	
						RPD = 5.52	

Reagents:

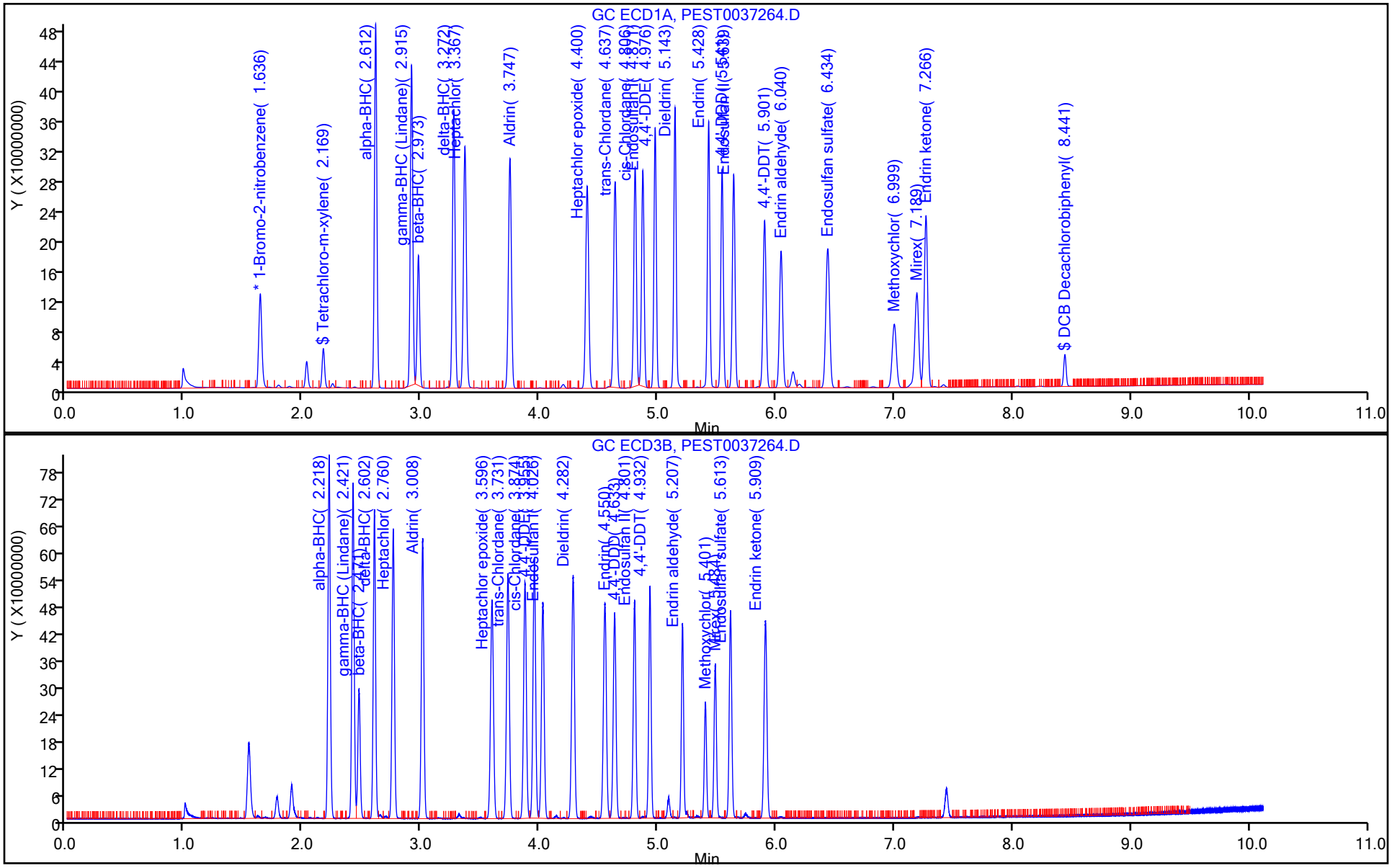
SGPESTISTD_00018 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-May-2022 11:10:20 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037264.D

Injection Date:	02-May-2022 04:55:46	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	LCSD 460-842217/3-A			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-842217/3-A

Matrix: Solid | Lab File ID: PEST0037264.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/30/2022 18:29

Sample wt/vol: 15.00(g) | Date Analyzed: 05/02/2022 04:55

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842342 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	138		6.7	1.1
72-55-9	4,4'-DDE	138		6.7	0.79
50-29-3	4,4'-DDT	159		6.7	1.2
309-00-2	Aldrin	131		6.7	1.0
319-84-6	alpha-BHC	140		2.0	0.68
319-85-7	beta-BHC	142		2.0	0.75
319-86-8	delta-BHC	133		2.0	0.41
60-57-1	Dieldrin	136		2.0	0.87
959-98-8	Endosulfan I	133		6.7	1.0
33213-65-9	Endosulfan II	133		6.7	1.7
1031-07-8	Endosulfan sulfate	143		6.7	0.84
72-20-8	Endrin	160		6.7	0.96
7421-93-4	Endrin aldehyde	121		6.7	1.6
53494-70-5	Endrin ketone	122		6.7	1.3
58-89-9	gamma-BHC (Lindane)	138		2.0	0.62
76-44-8	Heptachlor	146		6.7	0.79
1024-57-3	Heptachlor epoxide	132		6.7	1.0
72-43-5	Methoxychlor	144		6.7	1.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	66		43-150
877-09-8	Tetrachloro-m-xylene	71		26-137

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037264.D
Lims ID: LCSD 460-842217/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 02-May-2022 04:55:46 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144751-008
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-May-2022 11:10:10 Calib Date: 18-Mar-2022 08:55:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220317-142825.b\PEST0035889.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1671

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.636	1.634	0.002	230366492	100.0	100.0	
2	1.540	1.539	0.001	308158114	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.169	2.169	0.000	78255122	50.0	31.3	
2	1.901	1.903	-0.002	126911350	50.0	35.3	
						RPD = 11.80	
15 alpha-BHC							
1	2.612	2.611	0.001	701824849	200.0	196.5	
2	2.218	2.219	-0.001	1122117844	200.0	209.4	
						RPD = 6.32	
2 gamma-BHC (Lindane)							
1	2.915	2.915	0.000	631233545	200.0	193.2	
2	2.421	2.421	0.000	1036474172	200.0	206.6	
						RPD = 6.69	
6 beta-BHC							
1	2.973	2.973	0.000	253201179	200.0	198.0	
2	2.471	2.473	-0.002	402045823	200.0	213.0	
						RPD = 7.33	
32 delta-BHC							
1	3.272	3.272	0.000	581092416	200.0	187.1	
2	2.602	2.602	0.000	937279814	200.0	199.7	
						RPD = 6.50	
18 Heptachlor							
1	3.367	3.366	0.001	558274481	200.0	210.1	
2	2.760	2.761	-0.001	925467749	200.0	218.7	
						RPD = 4.00	
8 Aldrin							
1	3.747	3.747	0.000	538624146	200.0	184.4	
2	3.008	3.010	-0.002	930061333	200.0	196.2	
						RPD = 6.21	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.400	4.401	-0.001	482538100	200.0	182.9	
2	3.596	3.597	-0.001	846730604	200.0	197.5	
						RPD = 7.69	
9 trans-Chlordane							
1	4.637	4.637	0.000	483134450	200.0	186.3	
2	3.731	3.732	-0.001	909728631	200.0	206.7	
						RPD = 10.37	
23 cis-Chlordane							
1	4.806	4.806	0.000	458000660	200.0	180.2	
2	3.874	3.875	-0.001	859773041	200.0	205.1	
						RPD = 12.93	
7 Endosulfan I							
1	4.871	4.871	0.000	437221370	200.0	181.5	
2	4.026	4.027	-0.001	777868368	200.0	199.5	
						RPD = 9.48	
25 4,4'-DDE							
1	4.976	4.975	0.001	494456696	200.0	192.1	
2	3.955	3.954	0.001	901427567	200.0	207.6	
						RPD = 7.78	
30 Dieldrin							
1	5.143	5.143	0.000	526386307	200.0	192.8	
2	4.282	4.283	-0.001	900897841	200.0	204.4	
						RPD = 5.83	
20 Endrin							
1	5.428	5.428	0.000	503358981	200.0	228.7	
2	4.550	4.552	-0.002	837407926	200.0	239.4	
						RPD = 4.57	
16 4,4'-DDD							
1	5.541	5.542	-0.001	428873054	200.0	192.0	
2	4.633	4.634	-0.001	742266036	200.0	206.4	
						RPD = 7.23	
11 Endosulfan II							
1	5.639	5.640	-0.001	448073010	200.0	189.0	
2	4.801	4.803	-0.002	735627768	200.0	198.8	
						RPD = 5.10	
21 4,4'-DDT							
1	5.901	5.901	0.000	401604559	200.0	226.0	
2	4.932	4.933	-0.001	715203282	200.0	237.9	
						RPD = 5.15	
5 Endrin aldehyde							
1	6.040	6.040	0.000	346687882	200.0	173.0	
2	5.207	5.209	-0.002	575170624	200.0	182.2	
						RPD = 5.19	
3 Endosulfan sulfate							
1	6.434	6.436	-0.002	421468190	200.0	203.3	
2	5.613	5.615	-0.002	688908194	200.0	215.0	
						RPD = 5.61	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							
1	6.999	6.999	0.000	213030459	200.0	218.2	
2	5.401	5.401	0.000	340938808	200.0	216.4	
						RPD = 0.81	
34 Mirex							
1	7.189	7.189	0.000	299964599	200.0	166.9	
2	5.484	5.485	-0.001	487202084	200.0	173.6	
						RPD = 3.94	
13 Endrin ketone							
1	7.266	7.266	0.000	465262283	200.0	178.7	
2	5.909	5.911	-0.002	750610453	200.0	183.4	
						RPD = 2.57	
$ 24 DCB Decachlorobiphenyl							
1	8.441	8.445	-0.004	63402588	50.0	34.6	
2	7.439	7.441	-0.002	113183810	50.0	32.8	
						RPD = 5.52	

Reagents:

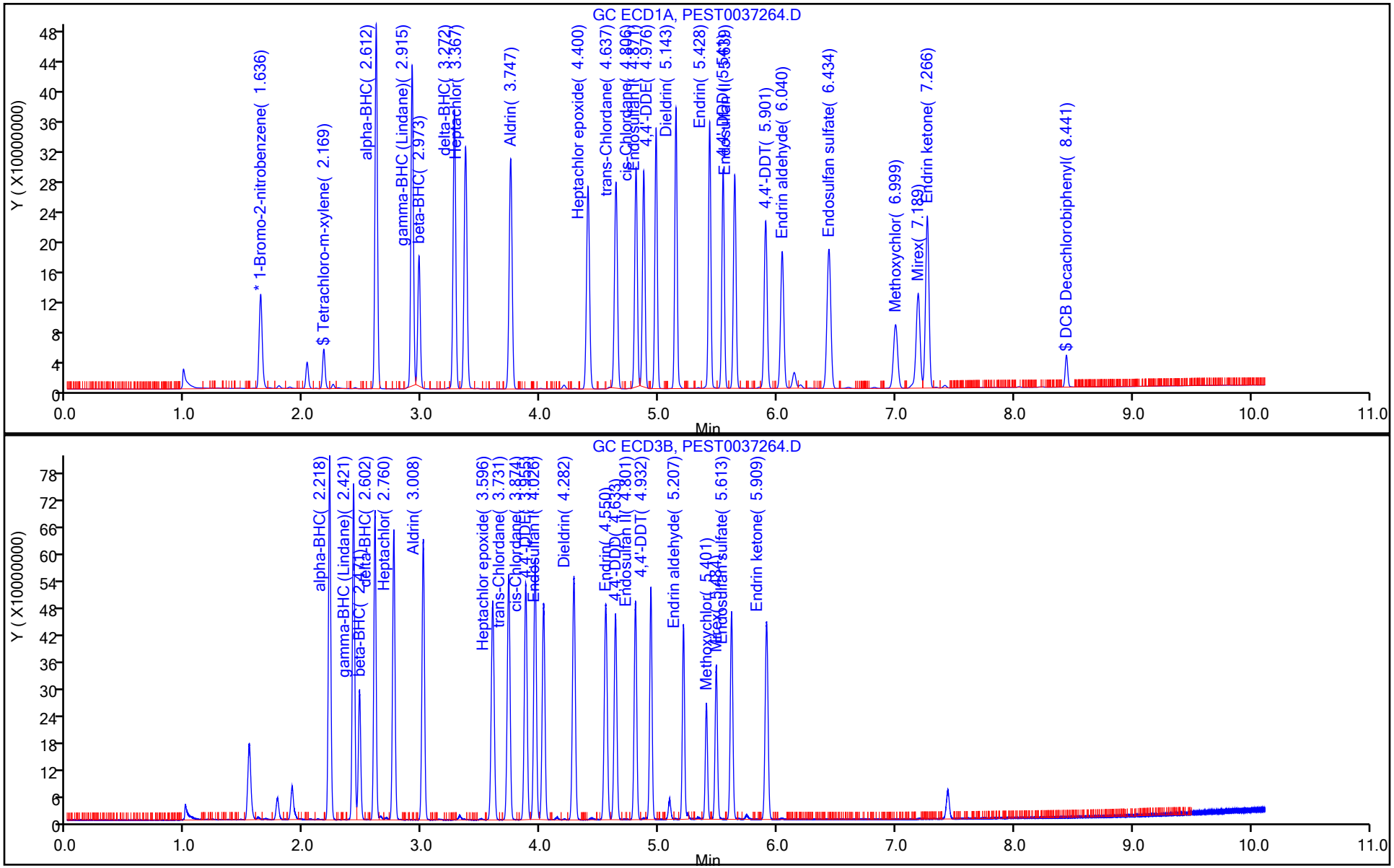
SGPESTISTD_00018 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-May-2022 11:10:20 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220502-144751.b\PEST0037264.D

Injection Date:	02-May-2022 04:55:46	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	LCSD 460-842217/3-A			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-257224-A-6-G MS

Matrix: Solid | Lab File ID: PEST0037284.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/30/2022 18:29

Sample wt/vol: 15.00(g) | Date Analyzed: 05/02/2022 09:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 81.0 % Solids: 19.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842342 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	*4,4'-DDD*	*648*		*35*	*6.0*
72-55-9	*4,4'-DDE*	*643*		*35*	*4.2*
50-29-3	*4,4'-DDT*	*835*		*35*	*6.5*
309-00-2	*Aldrin*	*635*		*35*	*5.3*
319-84-6	*alpha-BHC*	*716*		*11*	*3.6*
319-85-7	*beta-BHC*	*693*		*11*	*4.0*
12789-03-6	*Chlordane (technical)*	*85*	*U*	*350*	*85*
319-86-8	*delta-BHC*	*696*		*11*	*2.2*
60-57-1	*Dieldrin*	*658*		*11*	*4.6*
959-98-8	*Endosulfan I*	*653*		*35*	*5.4*
33213-65-9	*Endosulfan II*	*643*		*35*	*9.1*
1031-07-8	*Endosulfan sulfate*	*710*		*35*	*4.4*
72-20-8	*Endrin*	*805*		*35*	*5.1*
7421-93-4	*Endrin aldehyde*	*497*		*35*	*8.3*
53494-70-5	*Endrin ketone*	*638*		*35*	*6.8*
58-89-9	*gamma-BHC (Lindane)*	*696*		*11*	*3.3*
76-44-8	*Heptachlor*	*775*		*35*	*4.2*
1024-57-3	*Heptachlor epoxide*	*650*		*35*	*5.3*
72-43-5	*Methoxychlor*	*770*		*35*	*8.1*
8001-35-2	*Toxaphene*	*130*	*U*	*350*	*130*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	81		43-150
877-09-8	Tetrachloro-m-xylene	65		26-137

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-257224-A-6-G MS

Matrix: Solid | Lab File ID: PEST0037284.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/30/2022 18:29

Sample wt/vol: 15.00(g) | Date Analyzed: 05/02/2022 09:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 81.0 % Solids: 19.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842342 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	457		35	6.0
72-55-9	4,4'-DDE	448		35	4.2
50-29-3	4,4'-DDT	611		35	6.5
309-00-2	Aldrin	446		35	5.3
319-84-6	alpha-BHC	525		11	3.6
319-85-7	beta-BHC	534		11	4.0
12789-03-6	Chlordane (technical)	85	U	350	85
319-86-8	delta-BHC	512		11	2.2
60-57-1	Dieldrin	463		11	4.6
959-98-8	Endosulfan I	455		35	5.4
33213-65-9	Endosulfan II	485		35	9.1
1031-07-8	Endosulfan sulfate	541		35	4.4
72-20-8	Endrin	567		35	5.1
7421-93-4	Endrin aldehyde	396		35	8.3
53494-70-5	Endrin ketone	452		35	6.8
58-89-9	gamma-BHC (Lindane)	499		11	3.3
76-44-8	Heptachlor	563		35	4.2
1024-57-3	Heptachlor epoxide	451		35	5.3
72-43-5	Methoxychlor	583		35	8.1
8001-35-2	Toxaphene	130	U	350	130

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	46		43-150
877-09-8	Tetrachloro-m-xylene	50		26-137

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-257224-A-6-H MSD

Matrix: Solid | Lab File ID: PEST0037285.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/30/2022 18:29

Sample wt/vol: 15.00(g) | Date Analyzed: 05/02/2022 09:14

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 81.0 % Solids: 19.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842342 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	*4,4'-DDD*	*554*		*35*	*6.0*
72-55-9	*4,4'-DDE*	*549*		*35*	*4.2*
50-29-3	*4,4'-DDT*	*702*		*35*	*6.5*
309-00-2	*Aldrin*	*542*		*35*	*5.3*
319-84-6	*alpha-BHC*	*605*		*11*	*3.6*
319-85-7	*beta-BHC*	*595*		*11*	*4.0*
12789-03-6	*Chlordane (technical)*	*85*	*U*	*350*	*85*
319-86-8	*delta-BHC*	*594*		*11*	*2.2*
60-57-1	*Dieldrin*	*563*		*11*	*4.6*
959-98-8	*Endosulfan I*	*555*		*35*	*5.4*
33213-65-9	*Endosulfan II*	*555*		*35*	*9.1*
1031-07-8	*Endosulfan sulfate*	*604*		*35*	*4.4*
72-20-8	*Endrin*	*684*		*35*	*5.1*
7421-93-4	*Endrin aldehyde*	*426*		*35*	*8.3*
53494-70-5	*Endrin ketone*	*545*		*35*	*6.8*
58-89-9	*gamma-BHC (Lindane)*	*592*		*11*	*3.3*
76-44-8	*Heptachlor*	*658*		*35*	*4.2*
1024-57-3	*Heptachlor epoxide*	*553*		*35*	*5.3*
72-43-5	*Methoxychlor*	*655*		*35*	*8.1*
8001-35-2	*Toxaphene*	*130*	*U*	*350*	*130*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	65		43-150
877-09-8	Tetrachloro-m-xylene	56		26-137

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-257224-A-6-H MSD

Matrix: Solid | Lab File ID: PEST0037285.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/30/2022 18:29

Sample wt/vol: 15.00(g) | Date Analyzed: 05/02/2022 09:14

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 81.0 % Solids: 19.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842342 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	496		35	6.0
72-55-9	4,4'-DDE	487		35	4.2
50-29-3	4,4'-DDT	641		35	6.5
309-00-2	Aldrin	483		35	5.3
319-84-6	alpha-BHC	568		11	3.6
319-85-7	beta-BHC	573		11	4.0
12789-03-6	Chlordane (technical)	85	U	350	85
319-86-8	delta-BHC	551		11	2.2
60-57-1	Dieldrin	501		11	4.6
959-98-8	Endosulfan I	496		35	5.4
33213-65-9	Endosulfan II	515		35	9.1
1031-07-8	Endosulfan sulfate	566		35	4.4
72-20-8	Endrin	608		35	5.1
7421-93-4	Endrin aldehyde	414		35	8.3
58-89-9	gamma-BHC (Lindane)	540		11	3.3
76-44-8	Heptachlor	611		35	4.2
1024-57-3	Heptachlor epoxide	493		35	5.3
72-43-5	Methoxychlor	611		35	8.1
8001-35-2	Toxaphene	130	U	350	130

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	53		43-150
877-09-8	Tetrachloro-m-xylene	54		26-137

PESTICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: CPESTGC12 Start Date: 03/18/2022 05:01

Analysis Batch Number: 833964 End Date: 03/18/2022 09:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-833964/1		03/18/2022 05:01	1		CLP-2 0.53(mm)
PIBLK 460-833964/1		03/18/2022 05:01	1		Rtx-CLP 0.53(mm)
PEM 460-833964/2		03/18/2022 05:13	1		CLP-2 0.53(mm)
PEM 460-833964/2		03/18/2022 05:13	1		Rtx-CLP 0.53(mm)
ICIS 460-833964/3		03/18/2022 05:25	1	PEST0035872.D	CLP-2 0.53(mm)
ICIS 460-833964/3		03/18/2022 05:25	1	PEST0035872.D	Rtx-CLP 0.53(mm)
IC 460-833964/4		03/18/2022 05:38	1	PEST0035873.D	CLP-2 0.53(mm)
IC 460-833964/4		03/18/2022 05:38	1	PEST0035873.D	Rtx-CLP 0.53(mm)
IC 460-833964/5		03/18/2022 05:50	1	PEST0035874.D	CLP-2 0.53(mm)
IC 460-833964/5		03/18/2022 05:50	1	PEST0035874.D	Rtx-CLP 0.53(mm)
IC 460-833964/6		03/18/2022 06:02	1	PEST0035875.D	CLP-2 0.53(mm)
IC 460-833964/6		03/18/2022 06:02	1	PEST0035875.D	Rtx-CLP 0.53(mm)
IC 460-833964/7		03/18/2022 06:15	1	PEST0035876.D	CLP-2 0.53(mm)
IC 460-833964/7		03/18/2022 06:15	1	PEST0035876.D	Rtx-CLP 0.53(mm)
IC 460-833964/8 ICIS		03/18/2022 06:27	1	PEST0035877.D	CLP-2 0.53(mm)
IC 460-833964/8 ICIS		03/18/2022 06:27	1	PEST0035877.D	Rtx-CLP 0.53(mm)
ICV 460-833964/9		03/18/2022 06:39	1	PEST0035878.D	CLP-2 0.53(mm)
ICV 460-833964/9		03/18/2022 06:39	1	PEST0035878.D	Rtx-CLP 0.53(mm)
IC 460-833964/10		03/18/2022 06:51	1		CLP-2 0.53(mm)
IC 460-833964/10		03/18/2022 06:51	1		Rtx-CLP 0.53(mm)
IC 460-833964/11		03/18/2022 07:04	1		CLP-2 0.53(mm)
IC 460-833964/11		03/18/2022 07:04	1		Rtx-CLP 0.53(mm)
IC 460-833964/12 ICIS		03/18/2022 07:16	1		CLP-2 0.53(mm)
IC 460-833964/12 ICIS		03/18/2022 07:16	1		Rtx-CLP 0.53(mm)
IC 460-833964/13		03/18/2022 07:28	1		CLP-2 0.53(mm)
IC 460-833964/13		03/18/2022 07:28	1		Rtx-CLP 0.53(mm)
IC 460-833964/14		03/18/2022 07:41	1		CLP-2 0.53(mm)
IC 460-833964/14		03/18/2022 07:41	1		Rtx-CLP 0.53(mm)
IC 460-833964/16		03/18/2022 08:05	1	PEST0035885.D	CLP-2 0.53(mm)
IC 460-833964/16		03/18/2022 08:05	1	PEST0035885.D	Rtx-CLP 0.53(mm)
IC 460-833964/17		03/18/2022 08:18	1	PEST0035886.D	CLP-2 0.53(mm)
IC 460-833964/17		03/18/2022 08:18	1	PEST0035886.D	Rtx-CLP 0.53(mm)
IC 460-833964/18 ICIS		03/18/2022 08:30	1	PEST0035887.D	CLP-2 0.53(mm)
IC 460-833964/18 ICIS		03/18/2022 08:30	1	PEST0035887.D	Rtx-CLP 0.53(mm)
IC 460-833964/19		03/18/2022 08:42	1	PEST0035888.D	CLP-2 0.53(mm)
IC 460-833964/19		03/18/2022 08:42	1	PEST0035888.D	Rtx-CLP 0.53(mm)
IC 460-833964/20		03/18/2022 08:55	1	PEST0035889.D	CLP-2 0.53(mm)
IC 460-833964/20		03/18/2022 08:55	1	PEST0035889.D	Rtx-CLP 0.53(mm)
ICV 460-833964/21		03/18/2022 09:07	1	PEST0035890.D	CLP-2 0.53(mm)
ICV 460-833964/21		03/18/2022 09:07	1	PEST0035890.D	Rtx-CLP 0.53(mm)
ICV 460-833964/22		03/18/2022 09:19	1	PEST0035891.D	CLP-2 0.53(mm)
ICV 460-833964/22		03/18/2022 09:19	1	PEST0035891.D	Rtx-CLP 0.53(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: CPESTGC12 Start Date: 05/02/2022 03:29

Analysis Batch Number: 842342 End Date: 05/02/2022 09:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-842342/1		05/02/2022 03:29	1	PEST0037257.D	CLP-2 0.53(mm)
PIBLK 460-842342/1		05/02/2022 03:29	1	PEST0037257.D	Rtx-CLP 0.53(mm)
PEM 460-842342/2		05/02/2022 03:41	1	PEST0037258.D	CLP-2 0.53(mm)
PEM 460-842342/2		05/02/2022 03:41	1	PEST0037258.D	Rtx-CLP 0.53(mm)
CCVIS 460-842342/3		05/02/2022 03:54	1	PEST0037259.D	CLP-2 0.53(mm)
CCVIS 460-842342/3		05/02/2022 03:54	1	PEST0037259.D	Rtx-CLP 0.53(mm)
CCV 460-842342/4		05/02/2022 04:06	1	PEST0037260.D	CLP-2 0.53(mm)
CCV 460-842342/4		05/02/2022 04:06	1	PEST0037260.D	Rtx-CLP 0.53(mm)
CCV 460-842342/5		05/02/2022 04:18	1	PEST0037261.D	CLP-2 0.53(mm)
CCV 460-842342/5		05/02/2022 04:18	1	PEST0037261.D	Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 04:31	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 04:31	1		Rtx-CLP 0.53(mm)
LCS 460-842217/2-A		05/02/2022 04:43	1	PEST0037263.D	CLP-2 0.53(mm)
LCS 460-842217/2-A		05/02/2022 04:43	1	PEST0037263.D	Rtx-CLP 0.53(mm)
LCSD 460-842217/3-A		05/02/2022 04:55	1	PEST0037264.D	CLP-2 0.53(mm)
LCSD 460-842217/3-A		05/02/2022 04:55	1	PEST0037264.D	Rtx-CLP 0.53(mm)
MB 460-842217/1-A		05/02/2022 05:08	1	PEST0037265.D	CLP-2 0.53(mm)
MB 460-842217/1-A		05/02/2022 05:08	1	PEST0037265.D	Rtx-CLP 0.53(mm)
460-257083-1	CC-COMP-01	05/02/2022 05:20	1	PEST0037266.D	CLP-2 0.53(mm)
460-257083-1	CC-COMP-01	05/02/2022 05:20	1	PEST0037266.D	Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 05:32	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 05:32	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 05:45	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 05:45	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 05:57	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 05:57	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 06:09	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 06:09	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 06:21	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 06:21	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 06:34	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 06:34	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 06:46	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 06:46	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 06:58	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 06:58	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 07:11	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 07:11	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 07:23	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 07:23	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 07:35	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 07:35	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 07:48	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 07:48	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 08:00	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 08:00	1		Rtx-CLP 0.53(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: CPESTGC12 Start Date: 05/02/2022 03:29

Analysis Batch Number: 842342 End Date: 05/02/2022 09:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		05/02/2022 08:12	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 08:12	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 08:24	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 08:24	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 08:37	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 08:37	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 08:49	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 08:49	1		Rtx-CLP 0.53(mm)
460-257224-A-6-G MS		05/02/2022 09:01	1	PEST0037284.D	CLP-2 0.53(mm)
460-257224-A-6-G MS		05/02/2022 09:01	1	PEST0037284.D	Rtx-CLP 0.53(mm)
460-257224-A-6-H MSD		05/02/2022 09:14	1	PEST0037285.D	CLP-2 0.53(mm)
460-257224-A-6-H MSD		05/02/2022 09:14	1	PEST0037285.D	Rtx-CLP 0.53(mm)

PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 833964 Batch Start Date: 03/18/22 05:01 Batch Analyst: Manlangit, Ferdie

Batch Method: 8081B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG2,4,5-TP 00020	SGCHLOR ICV 00007	SGPESTISTD 00017	SGPESTL1 00031	SGPESTL2 00040	SGPESTL3 00040
ICIS 460-833964/3		8081B				20 uL			1 mL
IC 460-833964/4		8081B				20 uL	1 mL		
IC 460-833964/5		8081B				20 uL		1 mL	
IC 460-833964/6		8081B				20 uL			
IC 460-833964/7		8081B				20 uL			
IC 460-833964/8 ICIS		8081B		1 mL		20 uL			
ICV 460-833964/9		8081B				20 uL			
IC 460-833964/16		8081B				20 uL			
IC 460-833964/17		8081B				20 uL			
IC 460-833964/18 ICIS		8081B				20 uL			
IC 460-833964/19		8081B				20 uL			
IC 460-833964/20		8081B				20 uL			
ICV 460-833964/21		8081B				20 uL			
ICV 460-833964/22		8081B			1 mL	20 uL			

Lab Sample ID	Client Sample ID	Method Chain	Basis	SGPESTL4 00037	SGPESTL5 00038	SGPTICV 00045	SGTOX ICV 00013	SGTOXAPHENEL1 00007	SGTOXAPHENEL3 00007
ICIS 460-833964/3		8081B							
IC 460-833964/4		8081B							
IC 460-833964/5		8081B							
IC 460-833964/6		8081B		1 mL					
IC 460-833964/7		8081B			1 mL				
IC 460-833964/8 ICIS		8081B							
ICV 460-833964/9		8081B				1 mL			
IC 460-833964/16		8081B						1 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 833964 Batch Start Date: 03/18/22 05:01 Batch Analyst: Manlangit, Ferdie

Batch Method: 8081B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	SGPESTL4 00037	SGPESTL5 00038	SGPTICV 00045	SGTOX ICV 00013	SGTOXAPHENEL1 00007	SGTOXAPHENEL3 00007
IC 460-833964/17		8081B							1 mL
IC 460-833964/18 ICIS		8081B							
IC 460-833964/19		8081B							
IC 460-833964/20		8081B							
ICV 460-833964/21		8081B					1 mL		
ICV 460-833964/22		8081B							

Lab Sample ID	Client Sample ID	Method Chain	Basis	SGTOXAPHENEL4 00008	SGTOXAPHENEL5 00007	SGTOXAPHENEL6 00007			
ICIS 460-833964/3		8081B							
IC 460-833964/4		8081B							
IC 460-833964/5		8081B							
IC 460-833964/6		8081B							
IC 460-833964/7		8081B							
IC 460-833964/8 ICIS		8081B							
ICV 460-833964/9		8081B							
IC 460-833964/16		8081B							
IC 460-833964/17		8081B							
IC 460-833964/18 ICIS		8081B		1 mL					
IC 460-833964/19		8081B			1 mL				
IC 460-833964/20		8081B				1 mL			
ICV 460-833964/21		8081B							
ICV 460-833964/22		8081B							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 833964 Batch Start Date: 03/18/22 05:01 Batch Analyst: Manlangit, Ferdie

Batch Method: 8081B Batch End Date:

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 842217 Batch Start Date: 04/30/22 18:29 Batch Analyst: Biri, Zouher X

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PESTSP 00038	OPPSTPCBSURR 00022		
MB 460-842217/1		3546, 8081B		15.00 g	10 mL		50 uL		
LCS 460-842217/2		3546, 8081B		15.00 g	10 mL	100 uL	50 uL		
LCSD 460-842217/3		3546, 8081B		15.00 g	10 mL	100 uL	50 uL		
460-257224-A-6 MS		3546, 8081B	T	15.00 g	10 mL	100 uL	50 uL		
460-257224-A-6 MSD		3546, 8081B	T	15.00 g	10 mL	100 uL	50 uL		
460-257083-E-1	CC-COMP-01	3546, 8081B	T	15.00 g	10 mL		50 uL		

Batch Notes	
Method/Fraction	3546 / 8082 SOIL
Microwave Oven ID	MD1952/5095/4965
Analyst ID - Extraction	Jose
Blank Matrix ID	181427
Analyst ID - Spike Analyst	Jose
Analyst ID - Spike Witness Analyst	AA
Prep Solvent ID	Acetone 21J2762007/Hexane 21K1062013
Na2SO4 ID	195259
Analyst ID - Concentration	Jose
Equipment ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	35 Degrees C
Concentration 1 Corrected Temperature	35 Degrees C
Acid used for Clean Up ID	276386
Copper ID	LOT# 913270-BJ
Batch Comment	PCB SOIL

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8082A

Polychlorinated Biphenyls (PCBs) by Gas Chromatography

FORM II
PCBS SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCBP1 #	DCBP2 #
CC-COMP-01	460-257083-1	112	112	132	136
	MB 460-842215/1-A	91	95	98	106
	LCS 460-842215/2-A	80	80	86	89
	LCSD 460-842215/3-A	82	85	87	92
	460-257224-A-6-D MS	63	88	68	103
	460-257224-A-6-E MSD	65	85	69	99

	QC LIMITS
TCX = Tetrachloro-m-xylene	42-150
DCBP = DCB Decachlorobiphenyl	10-150

Column to be used to flag recovery values

FORM II 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 14F0022782.D

Lab ID: LCS 460-842215/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	338	101	65-133	
Aroclor 1016	333	320	96	65-133	
Aroclor 1260	333	376	113	67-150	
Aroclor 1260	333	342	103	67-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 14F0022783.D

Lab ID: LCSD 460-842215/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	333	367	110	8	30	65-133	
Aroclor 1016	333	305	91	5	30	65-133	
Aroclor 1260	333	387	116	3	30	67-150	
Aroclor 1260	333	347	104	1	30	67-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 14F0022787.D

Lab ID: 460-257224-A-6-D MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	1760	94 U	1990	114	65-133	
Aroclor 1016	1760	94 U	1320	75	65-133	p
Aroclor 1260	1760	94 U	1980	113	67-150	
Aroclor 1260	1760	94 U	1300	74	67-150	p

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 14F0022788.D

Lab ID: 460-257224-A-6-E MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	1760	1930	110	38	30	65-133	F2
Aroclor 1016	1760	1370	78	37	30	65-133	F2
Aroclor 1260	1760	1890	108	37	30	67-150	F2
Aroclor 1260	1760	1360	78	37	30	67-150	F2

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: MB 460-842215/1-A

Matrix: Solid Date Extracted: 04/30/2022 18:25

Lab File ID:(1) 14F0022784.D Lab File ID:(2) 14F0022784.D

Date Analyzed:(1) 05/02/2022 08:31 Date Analyzed:(2) 05/02/2022 08:31

Instrument ID:(1) CPESTGC14 Instrument ID:(2) CPESTGC14

GC Column:(1) CLP-2 ID: 0.53(mm) GC Column:(2) Rtx-CLP ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-842215/2-A	05/02/2022 07:58	05/02/2022 07:58
	LCSD 460-842215/3-A	05/02/2022 08:15	05/02/2022 08:15
CC-COMP-01	460-257083-1	05/02/2022 08:48	05/02/2022 08:48
	460-257224-A-6-D MS	05/02/2022 09:21	05/02/2022 09:21
	460-257224-A-6-E MSD	05/02/2022 09:38	05/02/2022 09:38

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Sample No.: IC 460-831251/2 Date Analyzed: 03/02/2022 18:33

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 14F0021106.D Heated Purge: (Y/N) N

Calibration ID: 89407

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		21301061	1.75				
UPPER LIMIT		42602122	1.82				
LOWER LIMIT		10650531	1.68				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-831251/18		16706788	1.75				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Sample No.: IC 460-831251/2 Date Analyzed: 03/02/2022 18:33

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 14F0021106.D Heated Purge: (Y/N) N

Calibration ID: 89408

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		33501879	1.54				
UPPER LIMIT		67003758	1.61				
LOWER LIMIT		16750940	1.47				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-831251/18		27335363	1.54				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Sample No.: CCVIS 460-842361/2 Date Analyzed: 05/02/2022 06:02

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 14F0022775.D Heated Purge: (Y/N) N

Calibration ID: 89449

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		28310128	1.72				
UPPER LIMIT		56620256	1.79				
LOWER LIMIT		14155064	1.65				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-842215/2-A		23365782	1.73				
LCSD 460-842215/3-A		22554356	1.73				
MB 460-842215/1-A		20412208	1.73				
460-257083-1	CC-COMP-01	18452699	1.73				
460-257224-A-6-D MS		21746691	1.73				
460-257224-A-6-E MSD		22450675	1.73				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Sample No.: CCVIS 460-842361/2 Date Analyzed: 05/02/2022 06:02

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 14F0022775.D Heated Purge: (Y/N) N

Calibration ID: 89450

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		46073758	1.52				
UPPER LIMIT		92147516	1.59				
LOWER LIMIT		23036879	1.45				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-842215/2-A		37635148	1.52				
LCSD 460-842215/3-A		36915493	1.52				
MB 460-842215/1-A		33456870	1.52				
460-257083-1	CC-COMP-01	29193219	1.52				
460-257224-A-6-D MS		45861596	1.52				
460-257224-A-6-E MSD		44489217	1.52				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-842215/2-A

Instrument ID (1): CPESTGC14 Instrument ID (2): CPESTGC14

Date Analyzed (1): 05/02/2022 07:58 Date Analyzed (2): 05/02/2022 07:58

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.61	2.54	2.68	346	320	5.4
		2	3.01	2.93	3.07	327		
		3	3.23	3.15	3.29	327		
		4	3.53	3.45	3.59	316		
		5	3.68	3.61	3.75	314		
		6	3.75	3.68	3.82	309		
		7	4.16	4.08	4.22	303		
		8	4.61	4.53	4.67	317		
	2	1	3.35	3.31	3.37	345	338	
		2	3.86	3.78	3.92	331		
		3	4.43	4.36	4.50	318		
		4	4.61	4.53	4.67	323		
		5	4.73	4.66	4.80	331		
		6	5.20	5.12	5.26	337		
		7	5.35	5.27	5.41	378		
		8	5.74	5.66	5.80	338		
Aroclor 1260	1	1	5.61	5.53	5.67	351	342	9.5
		2	6.37	6.29	6.43	335		
		3	6.55	6.46	6.60	362		
		4	6.93	6.84	6.98	351		
		5	7.47	7.38	7.52	348		
		6	7.98	7.89	8.03	356		
		7	8.14	8.06	8.20	327		
		8	9.29	9.20	9.34	308		
	2	1	6.77	6.73	6.79	393	376	
		2	7.04	6.96	7.10	361		
		3	7.42	7.34	7.48	378		
		4	8.28	8.20	8.34	377		
		5	8.90	8.81	8.95	387		
		6	9.47	9.39	9.53	394		
		7	10.01	9.93	10.07	377		
		8	10.64	10.56	10.70	342		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-842215/3-A

Instrument ID (1): CPESTGC14 Instrument ID (2): CPESTGC14

Date Analyzed (1): 05/02/2022 08:15 Date Analyzed (2): 05/02/2022 08:15

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.61	2.54	2.68	353	305	18.5
		2	3.01	2.93	3.07	322		
		3	3.23	3.15	3.29	334		
		4	3.53	3.45	3.59	313		
		5	3.69	3.61	3.75	282		
		6	3.76	3.68	3.82	276		
		7	4.16	4.08	4.22	301		
		8	4.61	4.53	4.67	258		
	2	1	3.35	3.31	3.37	366	367	
		2	3.86	3.78	3.92	348		
		3	4.44	4.36	4.50	337		
		4	4.61	4.53	4.67	352		
		5	4.73	4.66	4.80	438		
		6	5.20	5.12	5.26	351		
		7	5.35	5.27	5.41	393		
		8	5.74	5.66	5.80	354		
Aroclor 1260	1	1	5.61	5.53	5.67	358	347	10.9
		2	6.37	6.29	6.43	340		
		3	6.55	6.46	6.60	364		
		4	6.93	6.84	6.98	358		
		5	7.47	7.38	7.52	349		
		6	7.98	7.89	8.03	359		
		7	8.14	8.06	8.20	329		
		8	9.29	9.20	9.34	316		
	2	1	6.77	6.73	6.79	408	387	
		2	7.04	6.96	7.10	372		
		3	7.42	7.34	7.48	390		
		4	8.28	8.20	8.34	389		
		5	8.90	8.81	8.95	398		
		6	9.47	9.39	9.53	404		
		7	10.01	9.93	10.07	387		
		8	10.63	10.56	10.70	346		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-257224-A-6-D MS

Instrument ID (1): CPESTGC14 Instrument ID (2): CPESTGC14

Date Analyzed (1): 05/02/2022 09:21 Date Analyzed (2): 05/02/2022 09:21

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.61	2.54	2.68	1490	1320	40.6
		2	3.01	2.93	3.07	1330		
		3	3.23	3.15	3.29	1280		
		4	3.53	3.45	3.59	1240		
		5	3.69	3.61	3.75	1240		
		6	3.76	3.68	3.82	1280		
		7	4.16	4.08	4.22	1270		
		8	4.61	4.53	4.67	1430		
	2	1	3.35	3.31	3.37	2070	1990	
		2	3.86	3.78	3.92	1950		
		3	4.44	4.36	4.50	1860		
		4	4.61	4.53	4.67	1930		
		5	4.73	4.66	4.80	2350		
		6	5.20	5.12	5.26	1810		
		7	5.35	5.27	5.41	1960		
		8	5.74	5.66	5.80	2030		
Aroclor 1260	1	1	5.61	5.53	5.67	1650	1300	41.2
		2	6.37	6.29	6.43	1280		
		3	6.55	6.46	6.60	1220		
		4	6.93	6.84	6.98	1240		
		5	7.47	7.38	7.52	1300		
		6	7.98	7.89	8.03	1370		
		7	8.14	8.06	8.20	1210		
		8	9.29	9.20	9.34	1170		
	2	1	6.77	6.73	6.79	2010	1980	
		2	7.04	6.96	7.10	1920		
		3	7.42	7.34	7.48	1950		
		4	8.28	8.20	8.34	1930		
		5	8.89	8.81	8.95	1970		
		6	9.47	9.39	9.53	2080		
		7	10.01	9.93	10.07	2090		
		8	10.64	10.56	10.70	1910		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-257224-A-6-E MSD

Instrument ID (1): CPESTGC14 Instrument ID (2): CPESTGC14

Date Analyzed (1): 05/02/2022 09:38 Date Analyzed (2): 05/02/2022 09:38

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.61	2.54	2.68	1550	1370	34.3
		2	3.01	2.93	3.07	1380		
		3	3.23	3.15	3.29	1320		
		4	3.53	3.45	3.59	1280		
		5	3.68	3.61	3.75	1280		
		6	3.76	3.68	3.82	1320		
		7	4.16	4.08	4.22	1320		
		8	4.61	4.53	4.67	1470		
	2	1	3.35	3.31	3.37	2010	1930	
		2	3.86	3.78	3.92	1880		
		3	4.44	4.36	4.50	1800		
		4	4.61	4.53	4.67	1870		
		5	4.73	4.66	4.80	2280		
		6	5.20	5.12	5.26	1750		
		7	5.35	5.27	5.41	1890		
		8	5.74	5.66	5.80	1970		
Aroclor 1260	1	1	5.61	5.53	5.67	1710	1360	32.6
		2	6.37	6.29	6.43	1370		
		3	6.55	6.46	6.60	1320		
		4	6.93	6.84	6.98	1320		
		5	7.47	7.38	7.52	1370		
		6	7.98	7.89	8.03	1400		
		7	8.14	8.06	8.20	1230		
		8	9.29	9.20	9.34	1190		
	2	1	6.77	6.73	6.79	1930	1890	
		2	7.04	6.96	7.10	1840		
		3	7.42	7.34	7.48	1870		
		4	8.28	8.20	8.34	1840		
		5	8.90	8.81	8.95	1880		
		6	9.47	9.39	9.53	1980		
		7	10.01	9.93	10.07	2000		
		8	10.64	10.56	10.70	1820		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Client Sample ID: CC-COMP-01 Lab Sample ID: 460-257083-1

Matrix: Solid Lab File ID: 14F0022785.D

Analysis Method: 8082A Date Collected: 04/27/2022 09:30

Extraction Method: 3546 Date Extracted: 04/30/2022 18:25

Sample wt/vol: 15.00(g) Date Analyzed: 05/02/2022 08:48

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 1.3 % Solids: 98.7 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842361 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	136		10-150
877-09-8	Tetrachloro-m-xylene	112		42-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\14F0022785.D
Lims ID: 460-257083-E-1-D
Client ID: CC-COMP-01
Sample Type: Client
Inject. Date: 02-May-2022 08:48:10 ALS Bottle#: 35 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144762-012
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-May-2022 09:29:56 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1671

First Level Reviewer: manlangitf Date: 02-May-2022 09:29:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.727	1.720	0.007	18452699	20.0	
2	1.523	1.515	0.008	29193219	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.725	2.717	0.008	58259205	55.8	
2	2.220	2.210	0.010	98240105	55.8	
					RPD = 0.02	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	11.139	11.130	0.009	38501559	68.0	
2	10.035	10.025	0.010	87000649	66.2	
					RPD = 2.72	

QC Flag Legend

Processing Flags

Reagents:

SGPCBISTD_00025 Amount Added: 20.00 Units: uL Run Reagent

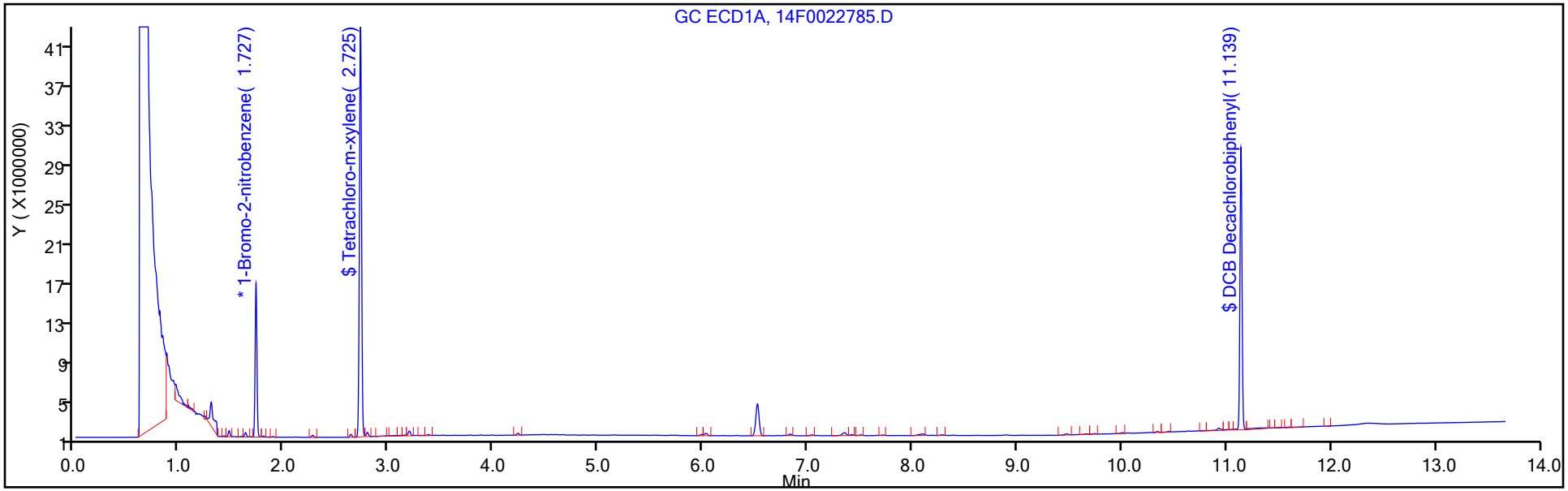
Report Date: 02-May-2022 09:30:06 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

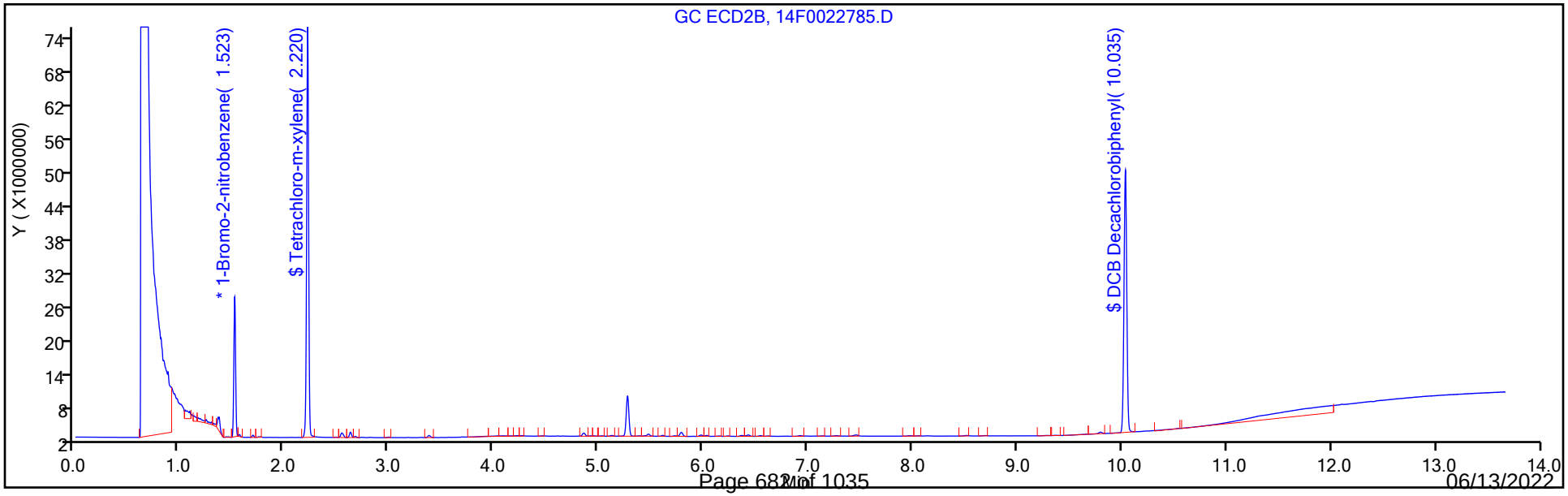
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\14F0022785.D

Injection Date:	02-May-2022 08:48:10	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-257083-E-1-D	Lab Sample ID:	460-257083-1	Worklist Smp#:	12
Client ID:	CC-COMP-01				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	35
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: CC-COMP-01 | Lab Sample ID: 460-257083-1

Matrix: Solid | Lab File ID: 14F0022785.D

Analysis Method: 8082A | Date Collected: 04/27/2022 09:30

Extraction Method: 3546 | Date Extracted: 04/30/2022 18:25

Sample wt/vol: 15.00(g) | Date Analyzed: 05/02/2022 08:48

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 1.3 % Solids: 98.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842361 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	18	U	68	18
11104-28-2	Aroclor 1221	18	U	68	18
11141-16-5	Aroclor 1232	18	U	68	18
53469-21-9	Aroclor 1242	18	U	68	18
12672-29-6	Aroclor 1248	18	U	68	18
11097-69-1	Aroclor 1254	18	U	68	18
11096-82-5	Aroclor 1260	18	U	68	18
37324-23-5	Aroclor-1262	18	U	68	18
11100-14-4	Aroclor 1268	18	U	68	18
1336-36-3	Polychlorinated biphenyls, Total	18	U	68	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	132		10-150
877-09-8	Tetrachloro-m-xylene	112		42-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\14F0022785.D
Lims ID: 460-257083-E-1-D
Client ID: CC-COMP-01
Sample Type: Client
Inject. Date: 02-May-2022 08:48:10 ALS Bottle#: 35 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144762-012
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-May-2022 09:29:56 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1671

First Level Reviewer: manlangitf Date: 02-May-2022 09:29:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.727	1.720	0.007	18452699	20.0	
2	1.523	1.515	0.008	29193219	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.725	2.717	0.008	58259205	55.8	
2	2.220	2.210	0.010	98240105	55.8	
					RPD = 0.02	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	11.139	11.130	0.009	38501559	68.0	
2	10.035	10.025	0.010	87000649	66.2	
					RPD = 2.72	

QC Flag Legend

Processing Flags

Reagents:

SGPCBISTD_00025 Amount Added: 20.00 Units: uL Run Reagent

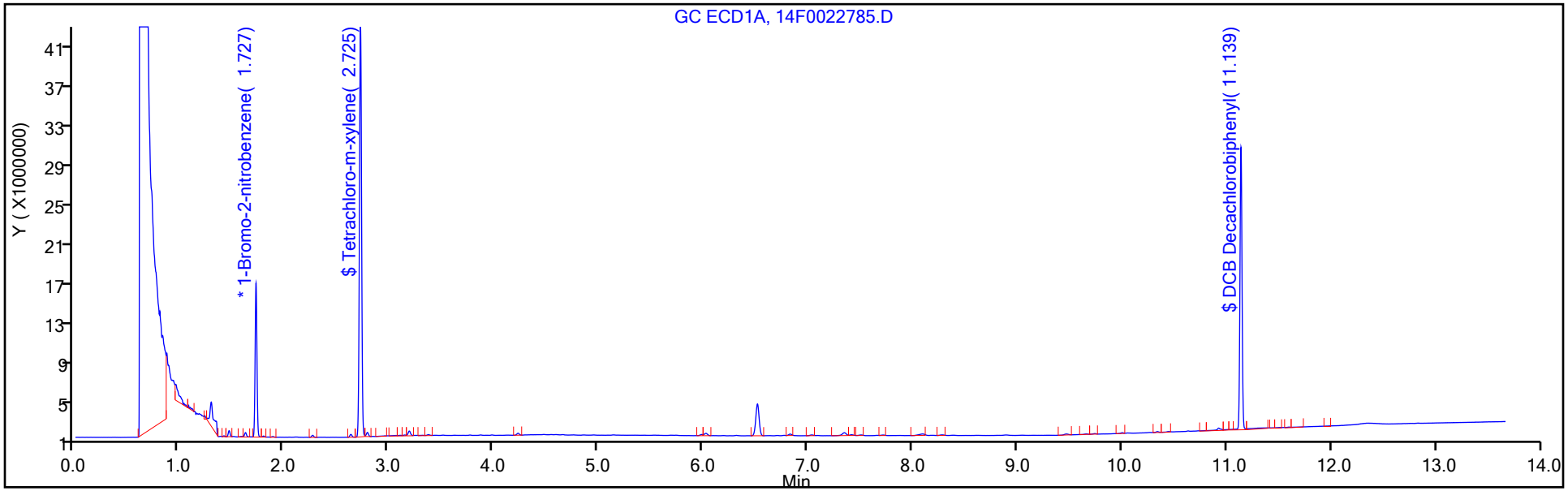
Report Date: 02-May-2022 09:30:06 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

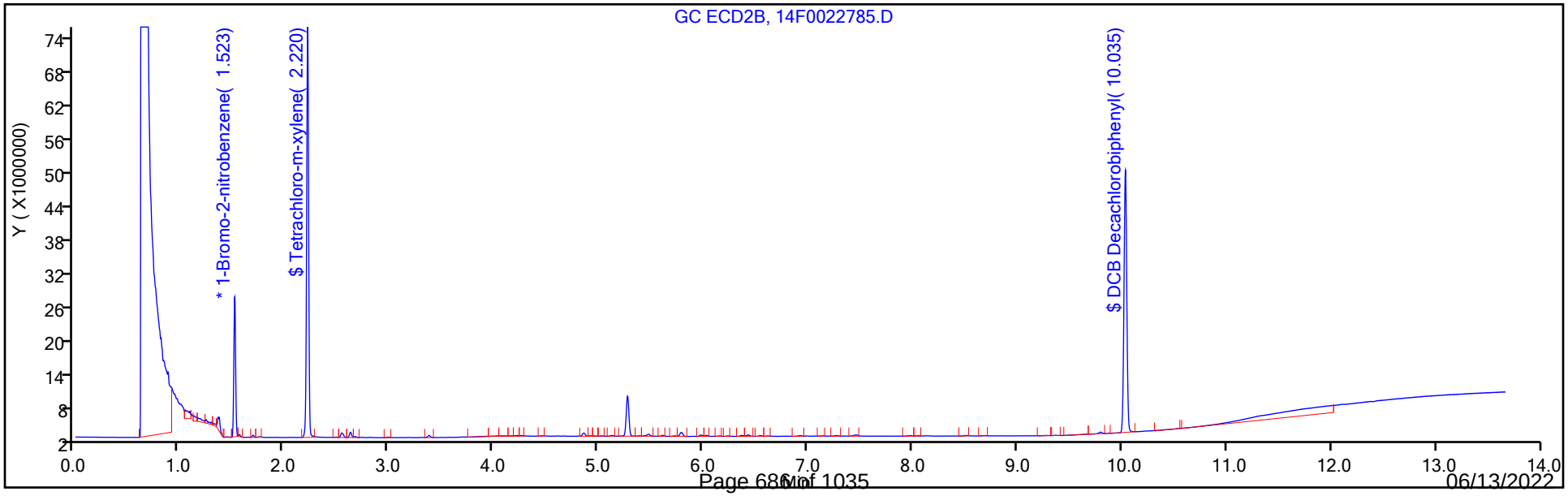
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\14F0022785.D

Injection Date:	02-May-2022 08:48:10	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-257083-E-1-D	Lab Sample ID:	460-257083-1	Worklist Smp#:	12
Client ID:	CC-COMP-01				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	35
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 18:33 Calibration End Date: 03/03/2022 10:07 Calibration ID: 89407

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/3	14F0021107.D
Level 2	IC 460-831251/4	14F0021108.D
Level 3	IC 460-831251/2	14F0021106.D
Level 4	IC 460-831251/17	14F0021121.D
Level 5	IC 460-831251/6	14F0021110.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0174	0.0193	0.0180	0.0196	0.0181	Ave		0.0185				5.0		20.0			
PCB-1016 Peak 2	0.0365	0.0402	0.0380	0.0430	0.0379	Ave		0.0391				6.5		20.0			
PCB-1016 Peak 3	0.0761	0.0834	0.0796	0.0924	0.0808	Ave		0.0825				7.5		20.0			
PCB-1016 Peak 4	0.0310	0.0319	0.0311	0.0345	0.0304	Ave		0.0318				5.1		20.0			
PCB-1016 Peak 5	0.0182	0.0200	0.0188	0.0221	0.0193	Ave		0.0197				7.5		20.0			
PCB-1016 Peak 6	0.0236	0.0257	0.0243	0.0280	0.0245	Ave		0.0252				6.9		20.0			
PCB-1016 Peak 7	0.0234	0.0252	0.0237	0.0273	0.0240	Ave		0.0247				6.4		20.0			
PCB-1016 Peak 8	0.0152	0.0169	0.0160	0.0185	0.0160	Ave		0.0165				7.5		20.0			
PCB-1260 Peak 1	0.0185	0.0213	0.0201	0.0233	0.0204	Ave		0.0207				8.5		20.0			
PCB-1260 Peak 2	0.0388	0.0488	0.0462	0.0533	0.0468	Ave		0.0468				11.2		20.0			
PCB-1260 Peak 3	0.0477	0.0539	0.0516	0.0596	0.0517	Ave		0.0529				8.2		20.0			
PCB-1260 Peak 4	0.0366	0.0418	0.0400	0.0463	0.0400	Ave		0.0409				8.6		20.0			
PCB-1260 Peak 5	0.0373	0.0427	0.0414	0.0478	0.0415	Ave		0.0422				8.9		20.0			
PCB-1260 Peak 6	0.0820	0.0926	0.0912	0.1061	0.0925	Ave		0.0929				9.3		20.0			
PCB-1260 Peak 7	0.0547	0.0603	0.0595	0.0692	0.0602	Ave		0.0608				8.6		20.0			
PCB-1260 Peak 8	0.0224	0.0240	0.0234	0.0275	0.0239	Ave		0.0243				7.8		20.0			
Tetrachloro-m-xylene	0.9068	1.1557	1.1534	1.2775	1.1673	Ave		1.1321				12.0		20.0			
DCB Decachlorobiphenyl	0.5182	0.6156	0.5977	0.6983	0.6364	Ave		0.6132				10.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 18:33 Calibration End Date: 03/03/2022 10:07 Calibration ID: 89407

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/3	14F0021107.D
Level 2	IC 460-831251/4	14F0021108.D
Level 3	IC 460-831251/2	14F0021106.D
Level 4	IC 460-831251/17	14F0021121.D
Level 5	IC 460-831251/6	14F0021110.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	879354	9433967	19182607	30593627	41684450	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	1842615	19653806	40443115	66981947	87362296	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	3836150	40802859	84735422	143904240	186160388	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	1564698	15589632	33135349	53766969	69942781	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	917007	9775194	20062484	34345423	44507512	50.0	500	1000	1500	2500
PCB-1016 Peak 6	BNB	Ave	1192017	12596609	25879313	43674178	56338411	50.0	500	1000	1500	2500
PCB-1016 Peak 7	BNB	Ave	1181874	12323822	25281580	42494310	55255893	50.0	500	1000	1500	2500
PCB-1016 Peak 8	BNB	Ave	766394	8263637	17018818	28747096	36845942	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	933786	10419994	21369280	36277751	47001674	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	1956687	23886939	49198261	83007814	107713783	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	2404945	26389407	54985739	92813249	119132050	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	1845608	20432617	42646420	72059955	92154795	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	1880371	20883867	44143592	74452158	95648062	50.0	500	1000	1500	2500
PCB-1260 Peak 6	BNB	Ave	4135331	45306010	97161040	165300560	213142479	50.0	500	1000	1500	2500
PCB-1260 Peak 7	BNB	Ave	2755543	29504318	63333309	107702809	138774586	50.0	500	1000	1500	2500
PCB-1260 Peak 8	BNB	Ave	1131002	11762786	24939306	42752267	55087921	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	11429327	56535704	122840392	198959608	215153659	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	6531875	30115697	63657963	108753747	117291363	12.5	50.0	100	150	200

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021106.D
Lims ID: IC PCB
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 02-Mar-2022 18:33:25 ALS Bottle#: 5 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:13:58 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 09:52:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.753	1.753	0.000	21301061	20.0	20.0	
2	1.542	1.542	0.000	33501879	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.765	2.765	0.000	122840392	100.0	101.9	
2	2.250	2.250	0.000	207551625	100.0	102.7	M
						RPD = 0.81	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.399	3.399	0.000	19182607	1000.0	973.8	
1	3.917	3.917	0.000	40443115	1000.0	970.6	
1	4.495	4.495	0.000	84735422	1000.0	964.9	
1	4.667	4.667	0.000	33135349	1000.0	979.0	
1	4.795	4.795	0.000	20062484	1000.0	957.4	
1	5.262	5.262	0.000	25879313	1000.0	962.8	
1	5.416	5.416	0.000	25281580	1000.0	959.9	
1	5.814	5.814	0.000	17018818	1000.0	968.2	
		Average of Peak Amounts =				967.1	
2	2.653	2.653	0.000	34693312	1000.0	960.2	
2	3.049	3.049	0.000	71689282	1000.0	971.9	
2	3.278	3.278	0.000	46956477	1000.0	967.5	
2	3.583	3.583	0.000	158799651	1000.0	981.3	
2	3.736	3.736	0.000	62573591	1000.0	975.5	
2	3.807	3.807	0.000	37109300	1000.0	975.6	
2	4.218	4.218	0.000	59337643	1000.0	945.5	M
2	4.668	4.668	0.000	24346466	1000.0	951.6	M
		Average of Peak Amounts =				966.1	
						RPD = 0.10	
8 PCB-1260							M
1	6.863	6.863	0.000	21369280	1000.0	968.5	
1	7.134	7.134	0.000	49198261	1000.0	987.5	
1	7.518	7.518	0.000	54985739	1000.0	975.7	
1	8.395	8.395	0.000	42646420	1000.0	978.1	
1	9.020	9.020	0.000	44143592	1000.0	983.3	M
1	9.572	9.572	0.000	97161040	1000.0	982.0	M
1	10.082	10.082	0.000	63333309	1000.0	978.6	M
1	10.693	10.693	0.000	24939306	1000.0	965.6	
		Average of Peak Amounts =				977.4	
2	5.681	5.681	0.000	80191189	1000.0	973.2	M
2	6.450	6.450	0.000	141975503	1000.0	988.9	M
2	6.631	6.631	0.000	77785194	1000.0	981.8	M
2	7.018	7.018	0.000	85998639	1000.0	989.9	M
2	7.564	7.564	0.000	197437361	1000.0	994.3	M
2	8.081	8.081	0.000	98759597	1000.0	988.7	
2	8.249	8.249	0.000	57780448	1000.0	979.2	
2	9.408	9.408	0.000	56416905	1000.0	962.3	M
		Average of Peak Amounts =				982.3	
						RPD = 0.50	
$ 11 DCB Decachlorobiphenyl							
1	11.191	11.191	0.000	63657963	100.0	97.5	
2	10.104	10.104	0.000	147274748	100.0	97.7	
						RPD = 0.23	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SG1260ResPCB_00002	Amount Added: 1.00	Units: ml	
SG1660L3_00041	Amount Added: 1.00	Units: mL	
SGPCBISTD_00024	Amount Added: 20.00	Units: uL	Run Reagent

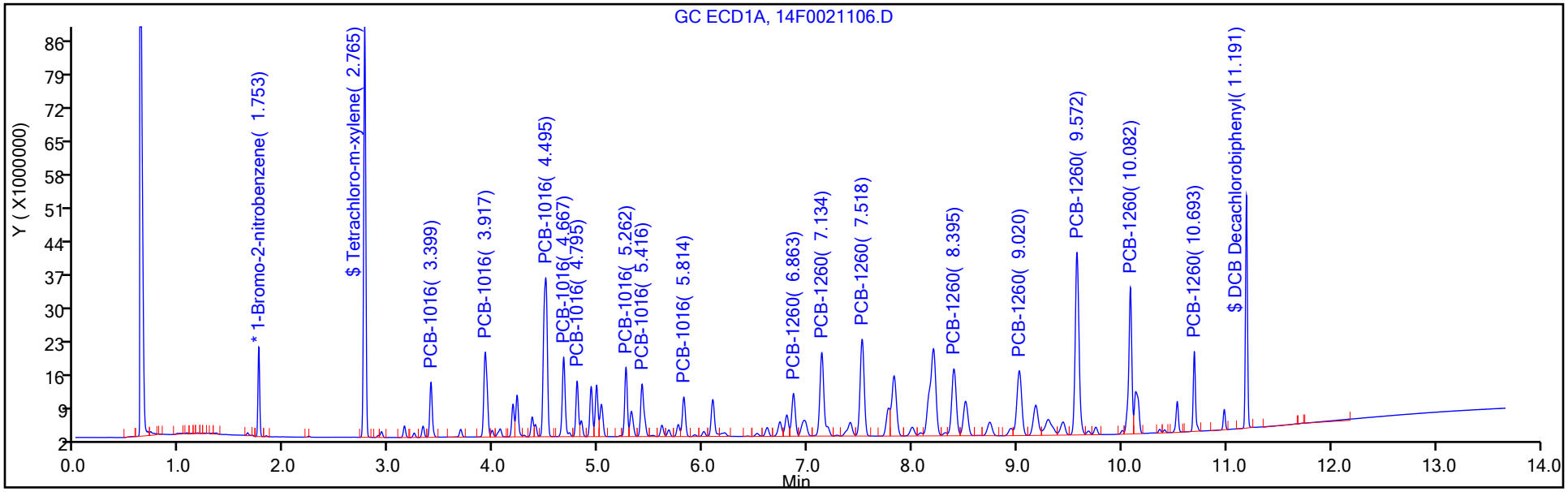
Report Date: 03-Mar-2022 11:13:58 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

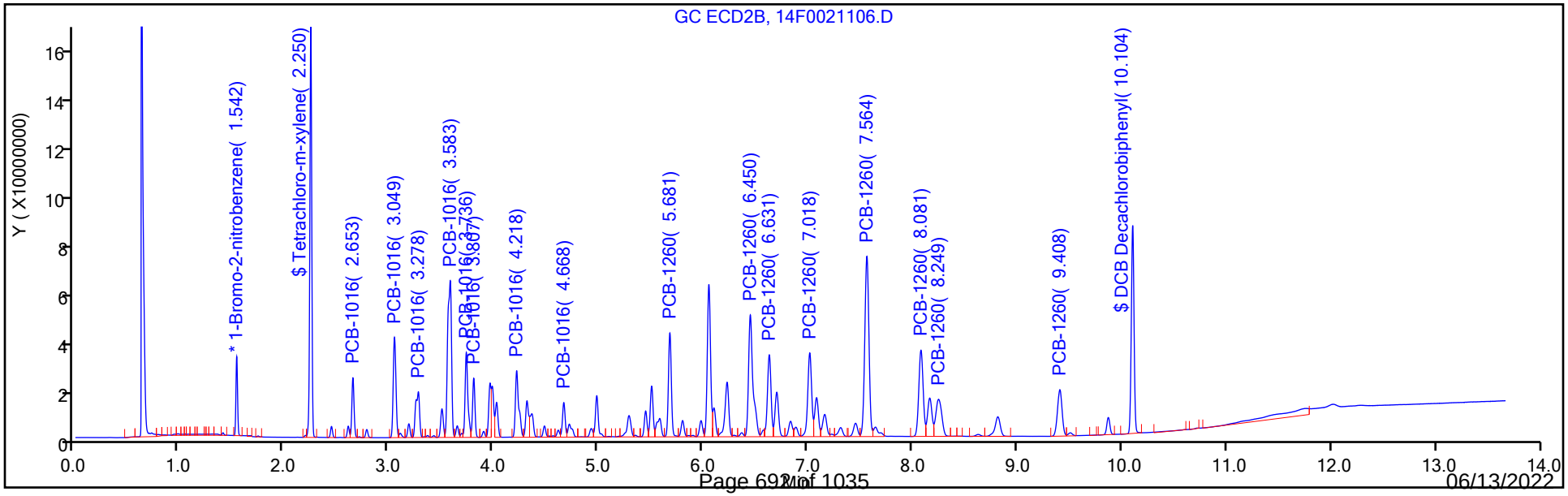
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021106.D

Injection Date:	02-Mar-2022 18:33:25	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021107.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 02-Mar-2022 18:50:09 ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:02 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 09:54:51

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.754	1.753	0.001	20166195	20.0	20.0	M
2	1.542	1.542	0.000	31326700	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.766	2.765	0.001	11429327	12.5	10.0	M
2	2.249	2.250	-0.001	18929962	12.5	10.0	M
						RPD = 0.06	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.399	3.399	0.000	879354	50.0	47.2	
1	3.918	3.917	0.001	1842615	50.0	46.7	
1	4.495	4.495	0.000	3836150	50.0	46.1	M
1	4.667	4.667	0.000	1564698	50.0	48.8	M
1	4.796	4.795	0.001	917007	50.0	46.2	M
1	5.263	5.262	0.001	1192017	50.0	46.8	M
1	5.418	5.416	0.002	1181874	50.0	47.4	M
1	5.814	5.814	0.000	766394	50.0	46.1	M
		Average of Peak Amounts =				46.9	
2	2.653	2.653	0.000	1761917	50.0	52.2	
2	3.049	3.049	0.000	3391454	50.0	49.2	M
2	3.278	3.278	0.000	2215291	50.0	48.8	M
2	3.582	3.583	-0.001	6773404	50.0	44.8	M
2	3.736	3.736	0.000	2781277	50.0	46.4	M
2	3.807	3.807	0.000	1597345	50.0	44.9	M
2	4.217	4.218	-0.001	3099641	50.0	52.8	M
2	4.669	4.668	0.001	1226321	50.0	51.3	M
		Average of Peak Amounts =				48.8	
						RPD = 3.89	
8 PCB-1260							M
1	6.862	6.863	-0.001	933786	50.0	44.7	M
1	7.134	7.134	0.000	1956687	50.0	41.5	M
1	7.520	7.518	0.002	2404945	50.0	45.1	M
1	8.399	8.395	0.004	1845608	50.0	44.7	M
1	9.025	9.020	0.005	1880371	50.0	44.2	M
1	9.574	9.572	0.002	4135331	50.0	44.1	M
1	10.084	10.082	0.002	2755543	50.0	45.0	M
1	10.693	10.693	0.000	1131002	50.0	46.3	M
		Average of Peak Amounts =				44.4	
2	5.681	5.681	0.000	3657869	50.0	47.5	M
2	6.449	6.450	-0.001	5987668	50.0	44.6	M
2	6.632	6.631	0.001	3415592	50.0	46.1	M
2	7.018	7.018	0.000	3696958	50.0	45.5	M
2	7.565	7.564	0.001	8112540	50.0	43.7	M
2	8.081	8.081	0.000	4175878	50.0	44.7	M
2	8.254	8.249	0.005	2562813	50.0	46.4	M
2	9.409	9.408	0.001	2755880	50.0	50.3	M
		Average of Peak Amounts =				46.1	
						RPD = 3.65	
$ 11 DCB Decachlorobiphenyl							M
1	11.189	11.191	-0.002	6531875	12.5	10.6	M
2	10.105	10.104	0.001	15305363	12.5	10.9	M
						RPD = 2.74	
S 12 Polychlorinated biphenyls, Total							
1						91.4	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1260ResPCB_00002	Amount Added:	1.00	Units: mL	
SG1660L1_00025	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

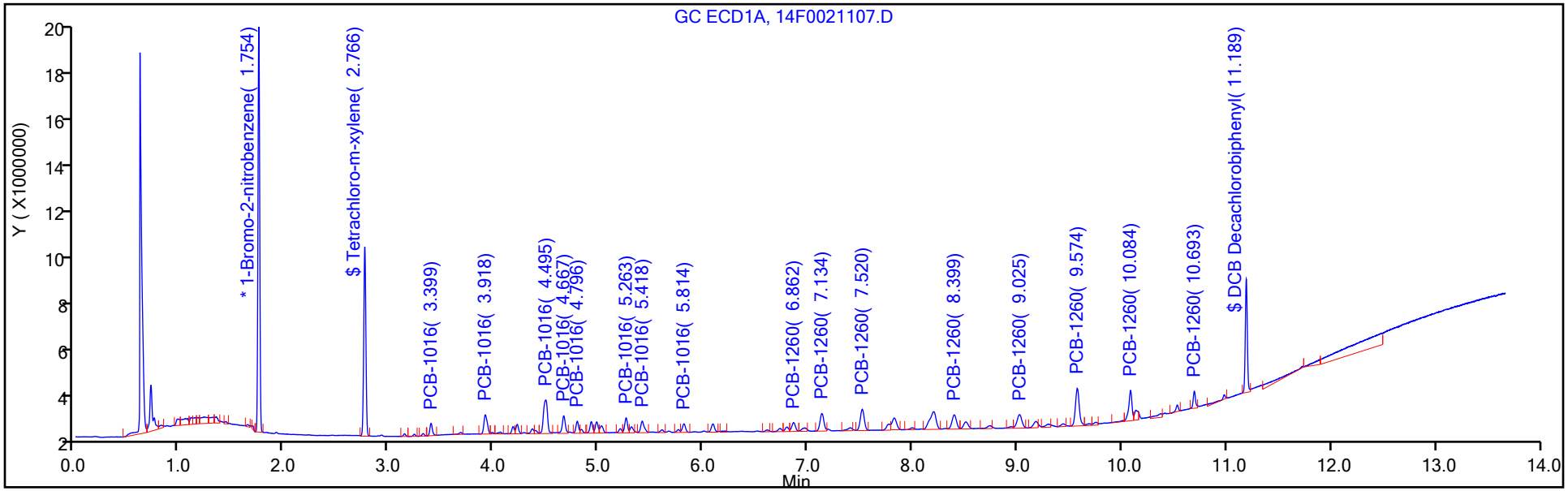
Report Date: 03-Mar-2022 11:14:02 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

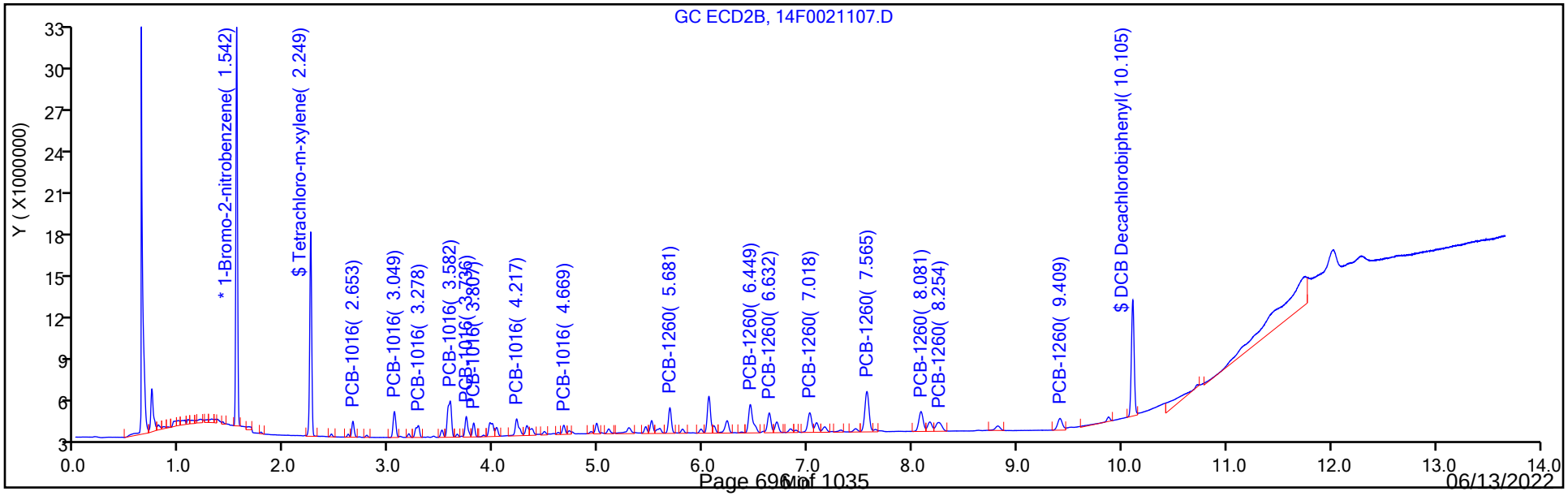
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021107.D

Injection Date:	02-Mar-2022 18:50:09	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021108.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 02-Mar-2022 19:06:45 ALS Bottle#: 7 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:06 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 09:56:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.755	1.753	0.002	19568447	20.0	20.0	
2	1.544	1.542	0.002	30477473	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.767	2.765	0.002	56535704	50.0	51.0	
2	2.252	2.250	0.002	94642862	50.0	51.5	
						RPD = 0.86	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.400	3.399	0.001	9433967	500.0	521.3	
1	3.919	3.917	0.002	19653806	500.0	513.4	M
1	4.497	4.495	0.002	40802859	500.0	505.8	M
1	4.668	4.667	0.001	15589632	500.0	501.4	M
1	4.796	4.795	0.001	9775194	500.0	507.8	M
1	5.264	5.262	0.002	12596609	500.0	510.1	M
1	5.418	5.416	0.002	12323822	500.0	509.4	M
1	5.817	5.814	0.003	8263637	500.0	511.7	M
		Average of Peak Amounts =				510.1	
2	2.655	2.653	0.002	16849755	500.0	512.6	
2	3.051	3.049	0.002	34855732	500.0	519.4	
2	3.280	3.278	0.002	22831250	500.0	517.1	M
2	3.584	3.583	0.001	75633579	500.0	513.7	
2	3.738	3.736	0.002	30186477	500.0	517.3	
2	3.809	3.807	0.002	17796032	500.0	514.3	
2	4.219	4.218	0.001	29106157	500.0	509.8	
2	4.670	4.668	0.002	12080138	500.0	519.0	
		Average of Peak Amounts =				515.4	
						RPD = 1.03	
8 PCB-1260							M
1	6.865	6.863	0.002	10419994	500.0	514.1	M
1	7.135	7.134	0.001	23886939	500.0	521.9	M
1	7.519	7.518	0.001	26389407	500.0	509.7	M
1	8.397	8.395	0.002	20432617	500.0	510.1	M
1	9.023	9.020	0.003	20883867	500.0	506.4	M
1	9.574	9.572	0.002	45306010	500.0	498.4	M
1	10.082	10.082	0.000	29504318	500.0	496.3	M
1	10.691	10.693	-0.002	11762786	500.0	495.7	
		Average of Peak Amounts =				506.6	
2	5.684	5.681	0.003	38423042	500.0	512.6	
2	6.451	6.450	0.001	66765554	500.0	511.2	M
2	6.633	6.631	0.002	36831933	500.0	511.0	M
2	7.020	7.018	0.002	40478332	500.0	512.2	M
2	7.566	7.564	0.002	92098797	500.0	509.8	M
2	8.084	8.081	0.003	46400268	500.0	510.6	M
2	8.252	8.249	0.003	27592177	500.0	514.0	M
2	9.410	9.408	0.002	26664360	500.0	500.0	M
		Average of Peak Amounts =				510.2	
						RPD = 0.70	
$ 11 DCB Decachlorobiphenyl							M
1	11.188	11.191	-0.003	30115697	50.0	50.2	M
2	10.105	10.104	0.001	70588932	50.0	51.5	M
						RPD = 2.51	
S 12 Polychlorinated biphenyls, Total							
1						1016.7	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1660L2_00034	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

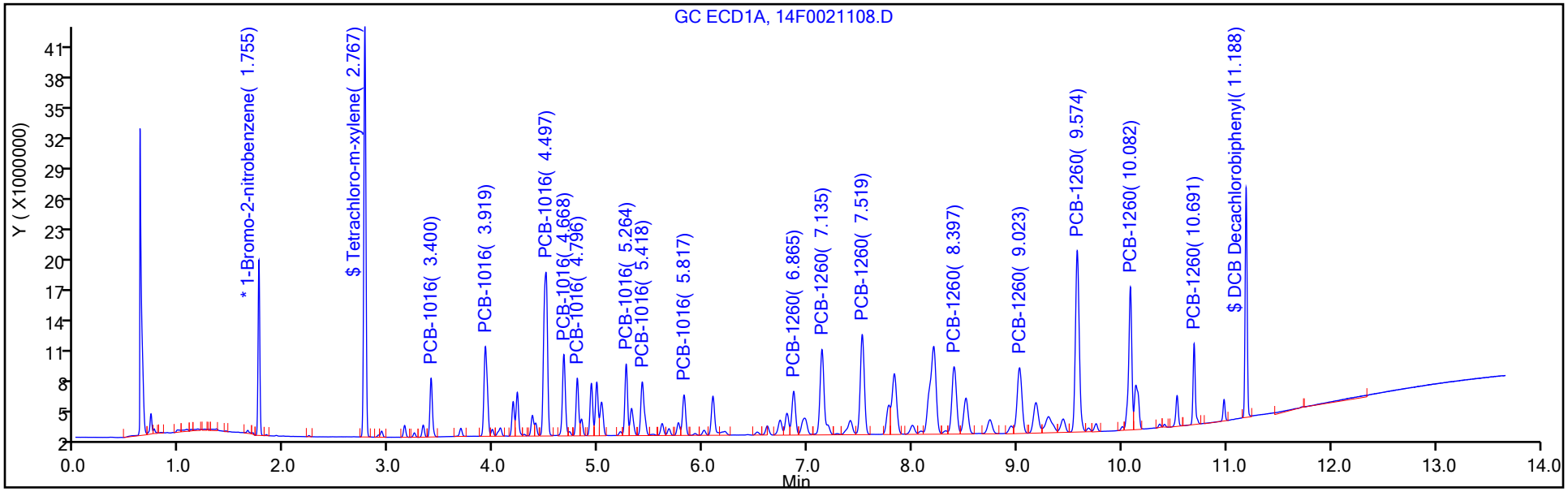
Report Date: 03-Mar-2022 11:14:06 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

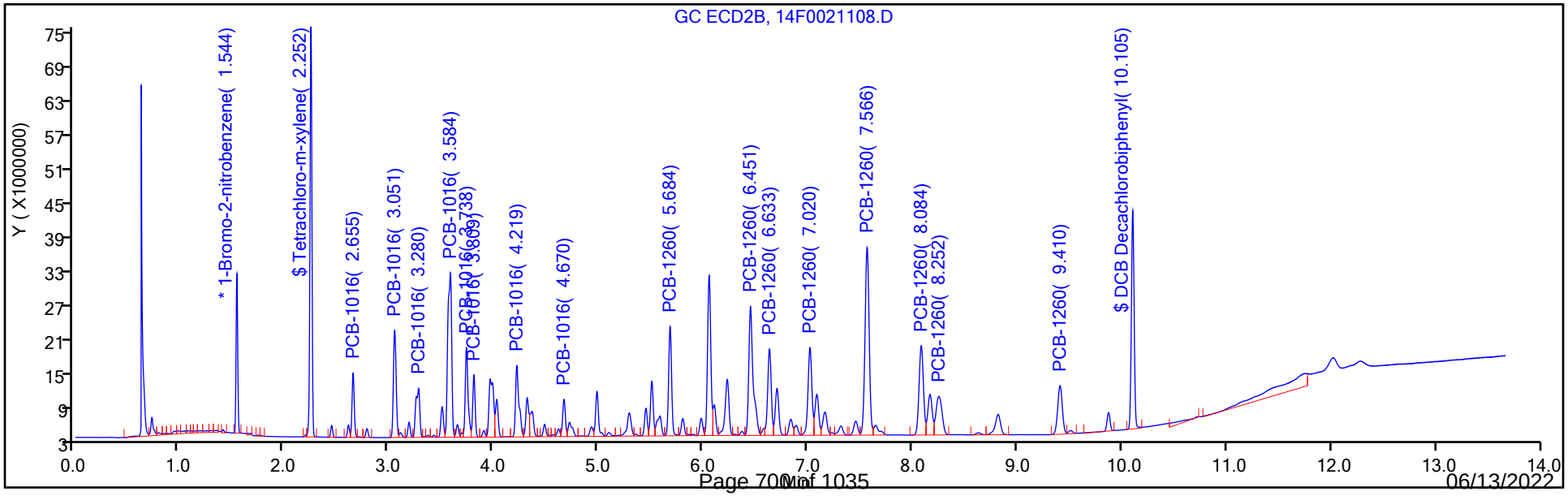
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021108.D

Injection Date:	02-Mar-2022 19:06:45	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021110.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 02-Mar-2022 19:39:54 ALS Bottle#: 9 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:10 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 09:56:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.753	1.753	0.000	18431810	20.0	20.0	
2	1.543	1.542	0.001	29377952	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.767	2.765	0.002	215153659	200.0	206.2	
2	2.252	2.250	0.002	369258444	200.0	208.4	
						RPD = 1.04	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.399	3.399	0.000	41684450	2500.0	2445.6	
1	3.918	3.917	0.001	87362296	2500.0	2422.9	
1	4.496	4.495	0.001	186160388	2500.0	2449.9	M
1	4.667	4.667	0.000	69942781	2500.0	2388.2	M
1	4.795	4.795	0.000	44507512	2500.0	2454.5	M
1	5.263	5.262	0.001	56338411	2500.0	2422.3	M
1	5.416	5.416	0.000	55255893	2500.0	2424.7	M
1	5.815	5.814	0.001	36845942	2500.0	2422.4	M
		Average of Peak Amounts =				2428.8	
2	2.654	2.653	0.001	73946586	2500.0	2334.0	
2	3.051	3.049	0.002	154861568	2500.0	2394.2	M
2	3.280	3.278	0.002	102922466	2500.0	2418.3	M
2	3.585	3.583	0.002	353320075	2500.0	2489.8	M
2	3.738	3.736	0.002	137899856	2500.0	2451.5	M
2	3.809	3.807	0.002	83010326	2500.0	2488.7	M
2	4.219	4.218	0.001	129587372	2500.0	2354.8	M
2	4.670	4.668	0.002	52808719	2500.0	2353.8	M
		Average of Peak Amounts =				2410.6	
						RPD = 0.75	
8 PCB-1260							M
1	6.863	6.863	0.000	47001674	2500.0	2461.9	M
1	7.134	7.134	0.000	107713783	2500.0	2498.7	M
1	7.520	7.518	0.002	119132050	2500.0	2442.9	M
1	8.399	8.395	0.004	92154795	2500.0	2442.7	M
1	9.022	9.020	0.002	95648062	2500.0	2462.3	M
1	9.575	9.572	0.003	213142479	2500.0	2489.5	M
1	10.082	10.082	0.000	138774586	2500.0	2478.1	
1	10.688	10.693	-0.005	55087921	2500.0	2464.8	M
		Average of Peak Amounts =				2467.6	
2	5.683	5.681	0.002	176346028	2500.0	2440.5	M
2	6.452	6.450	0.002	312781226	2500.0	2484.4	M
2	6.633	6.631	0.002	170613079	2500.0	2455.7	M
2	7.019	7.018	0.001	187597182	2500.0	2462.5	M
2	7.566	7.564	0.002	435818899	2500.0	2502.9	M
2	8.083	8.081	0.002	217307187	2500.0	2481.0	M
2	8.252	8.249	0.003	126961128	2500.0	2453.5	M
2	9.409	9.408	0.001	124459978	2500.0	2421.0	M
		Average of Peak Amounts =				2462.7	
						RPD = 0.20	
$ 11 DCB Decachlorobiphenyl							M
1	11.183	11.191	-0.008	117291363	200.0	207.5	
2	10.104	10.104	0.000	273937942	200.0	207.2	M
						RPD = 0.16	
S 12 Polychlorinated biphenyls, Total							
1						4896.4	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1660L5_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

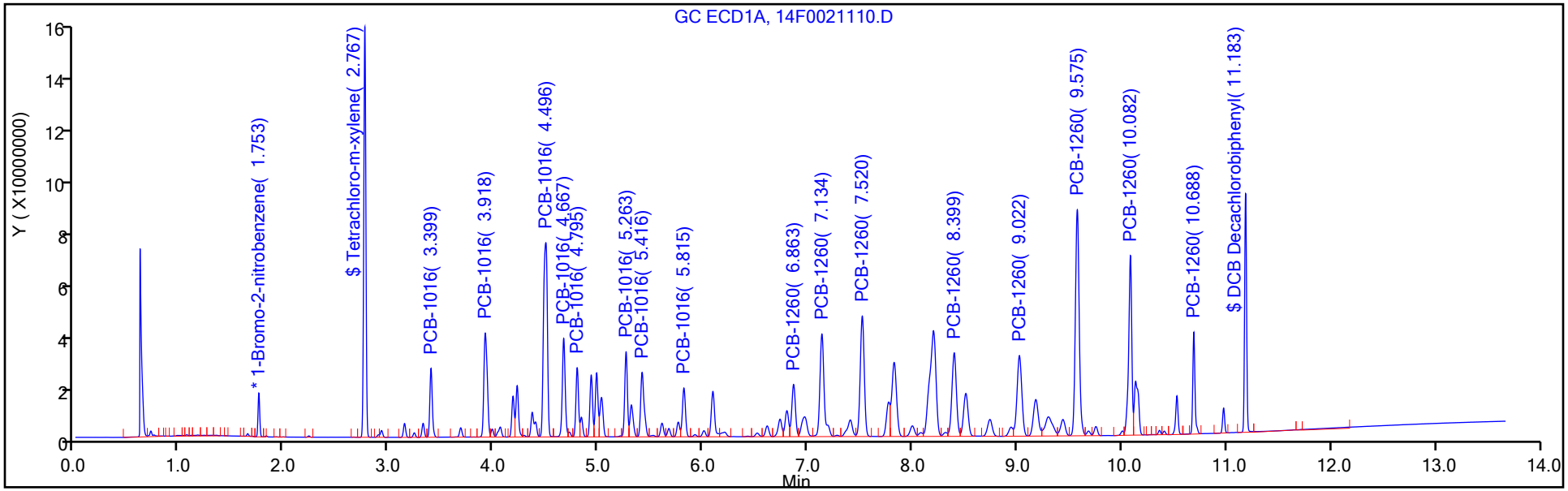
Report Date: 03-Mar-2022 11:14:10 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

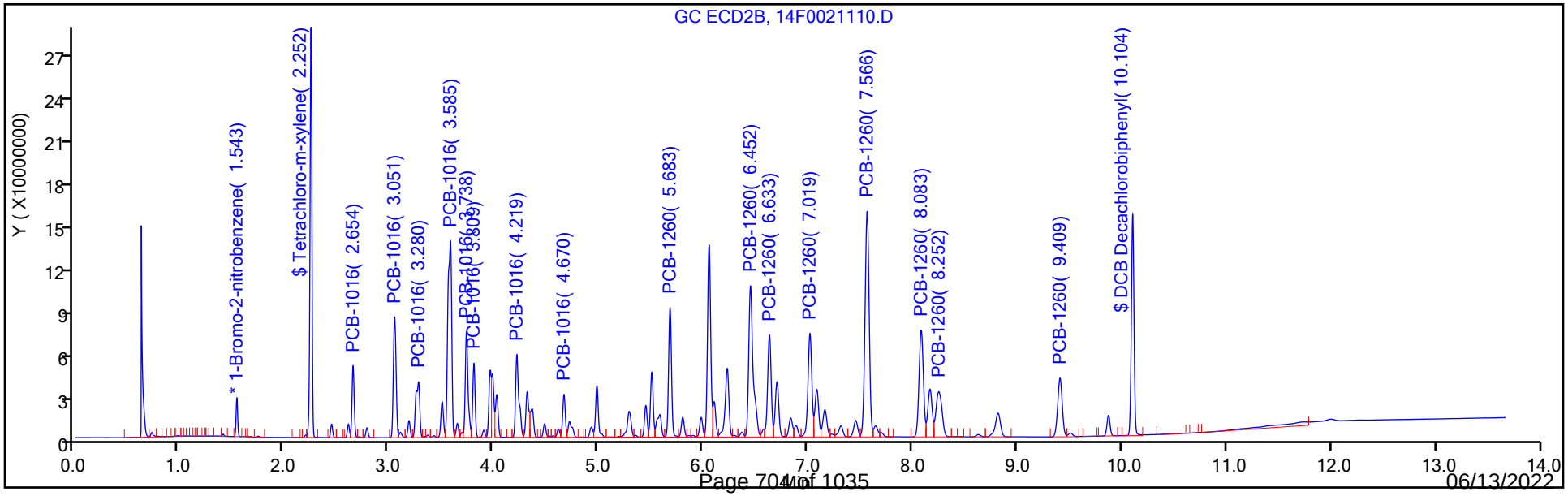
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021110.D

Injection Date:	02-Mar-2022 19:39:54	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 03-Mar-2022 10:07:21 ALS Bottle#: 2 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: PCB
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:36 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:23:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.749	1.754	-0.005	20765467	20.0	20.0	M
2	1.539	1.543	-0.004	35530340	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.761	2.765	-0.004	198959608	150.0	169.3	
2	2.246	2.250	-0.004	353625172	150.0	165.0	M
						RPD = 2.55	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.394	3.399	-0.005	30593627	1500.0	1593.2	
1	3.912	3.917	-0.005	66981947	1500.0	1648.9	
1	4.490	4.495	-0.005	143904240	1500.0	1681.0	
1	4.662	4.667	-0.005	53766969	1500.0	1629.5	
1	4.790	4.795	-0.005	34345423	1500.0	1681.2	
1	5.257	5.262	-0.005	43674178	1500.0	1666.7	
1	5.410	5.416	-0.006	42494310	1500.0	1655.1	
1	5.810	5.814	-0.004	28747096	1500.0	1677.6	
		Average of Peak Amounts =				1654.2	
2	2.648	2.653	-0.005	59653768	1500.0	1556.8	
2	3.044	3.049	-0.005	122995849	1500.0	1572.3	
2	3.273	3.278	-0.005	81435846	1500.0	1582.1	
2	3.578	3.583	-0.005	283199717	1500.0	1650.1	
2	3.730	3.736	-0.006	110417745	1500.0	1623.0	
2	3.802	3.807	-0.005	66692565	1500.0	1653.2	
2	4.212	4.218	-0.006	103486007	1500.0	1554.8	M
2	4.663	4.668	-0.005	42478557	1500.0	1565.5	M
		Average of Peak Amounts =				1594.7	
						RPD = 3.66	
8 PCB-1260							
1	6.855	6.863	-0.008	36277751	1500.0	1686.7	
1	7.127	7.134	-0.007	83007814	1500.0	1709.2	
1	7.510	7.518	-0.008	92813249	1500.0	1689.4	
1	8.389	8.395	-0.006	72059955	1500.0	1695.4	
1	9.013	9.020	-0.007	74452158	1500.0	1701.2	
1	9.566	9.572	-0.006	165300560	1500.0	1713.7	
1	10.074	10.082	-0.008	107702809	1500.0	1707.1	
1	10.682	10.693	-0.011	42752267	1500.0	1697.9	
		Average of Peak Amounts =				1700.1	
2	5.676	5.681	-0.005	141061107	1500.0	1614.1	
2	6.444	6.450	-0.006	251899267	1500.0	1654.4	
2	6.624	6.631	-0.007	137616582	1500.0	1637.8	
2	7.011	7.018	-0.007	150714567	1500.0	1635.8	
2	7.556	7.564	-0.008	350984548	1500.0	1666.6	
2	8.074	8.081	-0.007	175326812	1500.0	1655.1	
2	8.241	8.249	-0.008	101622840	1500.0	1623.8	
2	9.400	9.408	-0.008	99224422	1500.0	1595.9	
		Average of Peak Amounts =				1635.4	
						RPD = 3.88	
$ 11 DCB Decachlorobiphenyl							
1	11.174	11.191	-0.017	108753747	150.0	170.8	
2	10.097	10.104	-0.007	261216131	150.0	163.4	
						RPD = 4.45	
S 12 Polychlorinated biphenyls, Total							
1						3354.2	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1660L4_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

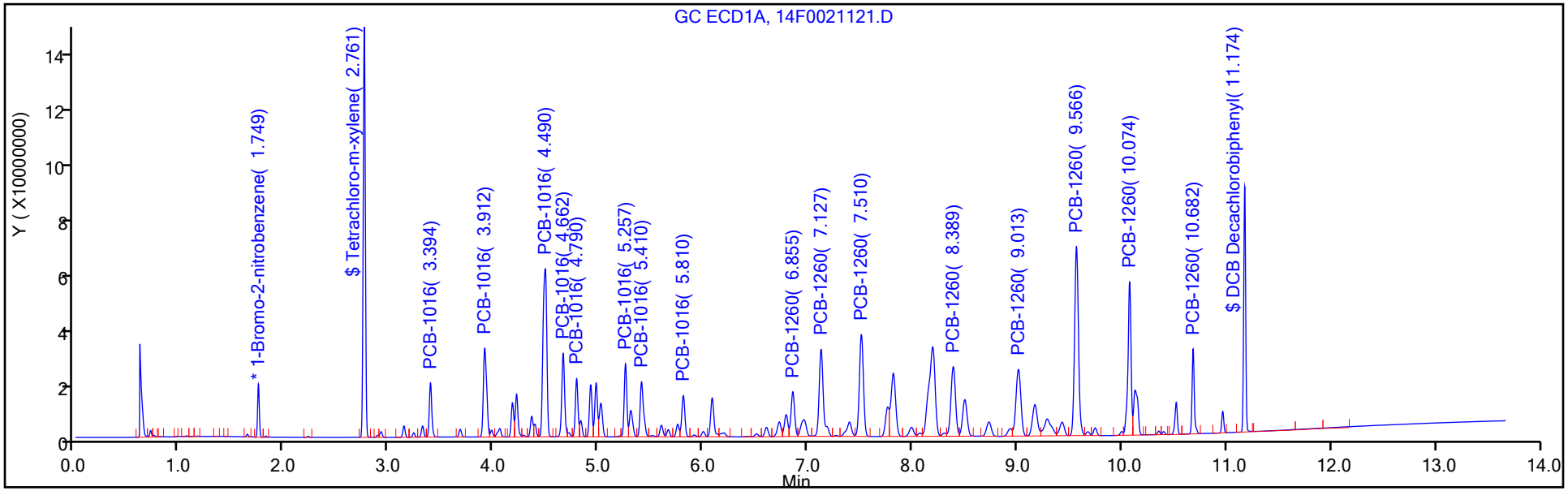
Report Date: 03-Mar-2022 11:14:36 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

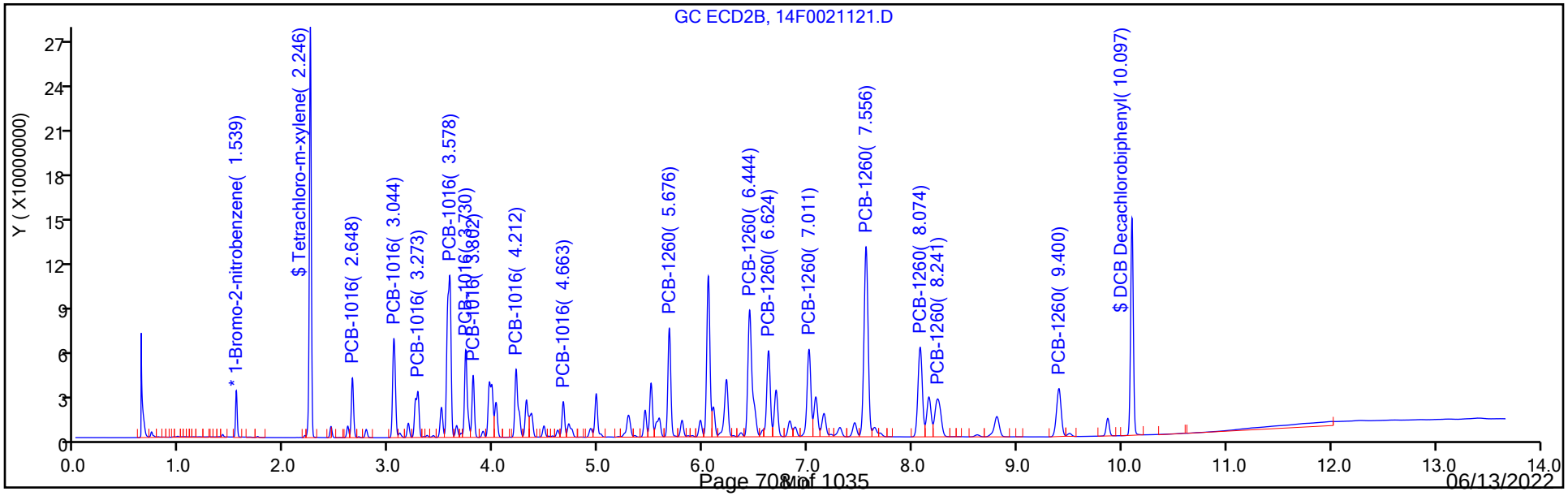
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Injection Date:	03-Mar-2022 10:07:21	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	17
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 18:33 Calibration End Date: 03/03/2022 10:07 Calibration ID: 89408

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/3	14F0021107.D
Level 2	IC 460-831251/4	14F0021108.D
Level 3	IC 460-831251/2	14F0021106.D
Level 4	IC 460-831251/17	14F0021121.D
Level 5	IC 460-831251/6	14F0021110.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0225	0.0221	0.0207	0.0224	0.0201	Ave		0.0216				5.0		20.0			
PCB-1016 Peak 2	0.0433	0.0457	0.0428	0.0462	0.0422	Ave		0.0440				4.1		20.0			
PCB-1016 Peak 3	0.0283	0.0300	0.0280	0.0306	0.0280	Ave		0.0290				4.1		20.0			
PCB-1016 Peak 4	0.0865	0.0993	0.0948	0.1063	0.0962	Ave		0.0966				7.4		20.0			
PCB-1016 Peak 5	0.0355	0.0396	0.0374	0.0414	0.0376	Ave		0.0383				6.0		20.0			
PCB-1016 Peak 6	0.0204	0.0234	0.0222	0.0250	0.0226	Ave		0.0227				7.5		20.0			
PCB-1016 Peak 7	0.0396	0.0382	0.0354	0.0388	0.0353	Ave		0.0375				5.3		20.0			
PCB-1016 Peak 8	0.0157	0.0159	0.0145	0.0159	0.0144	Ave		0.0153				4.9		20.0			
PCB-1260 Peak 1	0.0467	0.0504	0.0479	0.0529	0.0480	Ave		0.0492				5.1		20.0			
PCB-1260 Peak 2	0.0765	0.0876	0.0848	0.0945	0.0852	Ave		0.0857				7.6		20.0			
PCB-1260 Peak 3	0.0436	0.0483	0.0464	0.0516	0.0465	Ave		0.0473				6.3		20.0			
PCB-1260 Peak 4	0.0472	0.0531	0.0513	0.0566	0.0511	Ave		0.0519				6.6		20.0			
PCB-1260 Peak 5	0.1036	0.1209	0.1179	0.1317	0.1187	Ave		0.1185				8.5		20.0			
PCB-1260 Peak 6	0.0533	0.0609	0.0590	0.0658	0.0592	Ave		0.0596				7.5		20.0			
PCB-1260 Peak 7	0.0327	0.0362	0.0345	0.0381	0.0346	Ave		0.0352				5.8		20.0			
PCB-1260 Peak 8	0.0352	0.0350	0.0337	0.0372	0.0339	Ave		0.0350				4.0		20.0			
Tetrachloro-m-xylene	0.9668	1.2421	1.2390	1.3270	1.2569	Ave		1.2064				11.5		20.0			
DCB Decachlorobiphenyl	0.7817	0.9264	0.8792	0.9803	0.9325	Ave		0.9000				8.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 18:33 Calibration End Date: 03/03/2022 10:07 Calibration ID: 89408

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/3	14F0021107.D
Level 2	IC 460-831251/4	14F0021108.D
Level 3	IC 460-831251/2	14F0021106.D
Level 4	IC 460-831251/17	14F0021121.D
Level 5	IC 460-831251/6	14F0021110.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	1761917	16849755	34693312	59653768	73946586	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	3391454	34855732	71689282	122995849	154861568	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	2215291	22831250	46956477	81435846	102922466	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	6773404	75633579	158799651	283199717	353320075	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	2781277	30186477	62573591	110417745	137899856	50.0	500	1000	1500	2500
PCB-1016 Peak 6	BNB	Ave	1597345	17796032	37109300	66692565	83010326	50.0	500	1000	1500	2500
PCB-1016 Peak 7	BNB	Ave	3099641	29106157	59337643	103486007	129587372	50.0	500	1000	1500	2500
PCB-1016 Peak 8	BNB	Ave	1226321	12080138	24346466	42478557	52808719	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	3657869	38423042	80191189	141061107	176346028	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	5987668	66765554	141975503	251899267	312781226	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	3415592	36831933	77785194	137616582	170613079	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	3696958	40478332	85998639	150714567	187597182	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	8112540	92098797	197437361	350984548	435818899	50.0	500	1000	1500	2500
PCB-1260 Peak 6	BNB	Ave	4175878	46400268	98759597	175326812	217307187	50.0	500	1000	1500	2500
PCB-1260 Peak 7	BNB	Ave	2562813	27592177	57780448	101622840	126961128	50.0	500	1000	1500	2500
PCB-1260 Peak 8	BNB	Ave	2755880	26664360	56416905	99224422	124459978	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	18929962	94642862	207551625	353625172	369258444	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	15305363	70588932	147274748	261216131	273937942	12.5	50.0	100	150	200

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021106.D
Lims ID: IC PCB
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 02-Mar-2022 18:33:25 ALS Bottle#: 5 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:13:58 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 09:52:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.753	1.753	0.000	21301061	20.0	20.0	
2	1.542	1.542	0.000	33501879	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.765	2.765	0.000	122840392	100.0	101.9	
2	2.250	2.250	0.000	207551625	100.0	102.7	M
						RPD = 0.81	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.399	3.399	0.000	19182607	1000.0	973.8	
1	3.917	3.917	0.000	40443115	1000.0	970.6	
1	4.495	4.495	0.000	84735422	1000.0	964.9	
1	4.667	4.667	0.000	33135349	1000.0	979.0	
1	4.795	4.795	0.000	20062484	1000.0	957.4	
1	5.262	5.262	0.000	25879313	1000.0	962.8	
1	5.416	5.416	0.000	25281580	1000.0	959.9	
1	5.814	5.814	0.000	17018818	1000.0	968.2	
		Average of Peak Amounts =				967.1	
2	2.653	2.653	0.000	34693312	1000.0	960.2	
2	3.049	3.049	0.000	71689282	1000.0	971.9	
2	3.278	3.278	0.000	46956477	1000.0	967.5	
2	3.583	3.583	0.000	158799651	1000.0	981.3	
2	3.736	3.736	0.000	62573591	1000.0	975.5	
2	3.807	3.807	0.000	37109300	1000.0	975.6	
2	4.218	4.218	0.000	59337643	1000.0	945.5	M
2	4.668	4.668	0.000	24346466	1000.0	951.6	M
		Average of Peak Amounts =				966.1	
						RPD = 0.10	
8 PCB-1260							M
1	6.863	6.863	0.000	21369280	1000.0	968.5	
1	7.134	7.134	0.000	49198261	1000.0	987.5	
1	7.518	7.518	0.000	54985739	1000.0	975.7	
1	8.395	8.395	0.000	42646420	1000.0	978.1	
1	9.020	9.020	0.000	44143592	1000.0	983.3	M
1	9.572	9.572	0.000	97161040	1000.0	982.0	M
1	10.082	10.082	0.000	63333309	1000.0	978.6	M
1	10.693	10.693	0.000	24939306	1000.0	965.6	
		Average of Peak Amounts =				977.4	
2	5.681	5.681	0.000	80191189	1000.0	973.2	M
2	6.450	6.450	0.000	141975503	1000.0	988.9	M
2	6.631	6.631	0.000	77785194	1000.0	981.8	M
2	7.018	7.018	0.000	85998639	1000.0	989.9	M
2	7.564	7.564	0.000	197437361	1000.0	994.3	M
2	8.081	8.081	0.000	98759597	1000.0	988.7	
2	8.249	8.249	0.000	57780448	1000.0	979.2	
2	9.408	9.408	0.000	56416905	1000.0	962.3	M
		Average of Peak Amounts =				982.3	
						RPD = 0.50	
$ 11 DCB Decachlorobiphenyl							
1	11.191	11.191	0.000	63657963	100.0	97.5	
2	10.104	10.104	0.000	147274748	100.0	97.7	
						RPD = 0.23	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SG1260ResPCB_00002	Amount Added: 1.00	Units: ml	
SG1660L3_00041	Amount Added: 1.00	Units: mL	
SGPCBISTD_00024	Amount Added: 20.00	Units: uL	Run Reagent

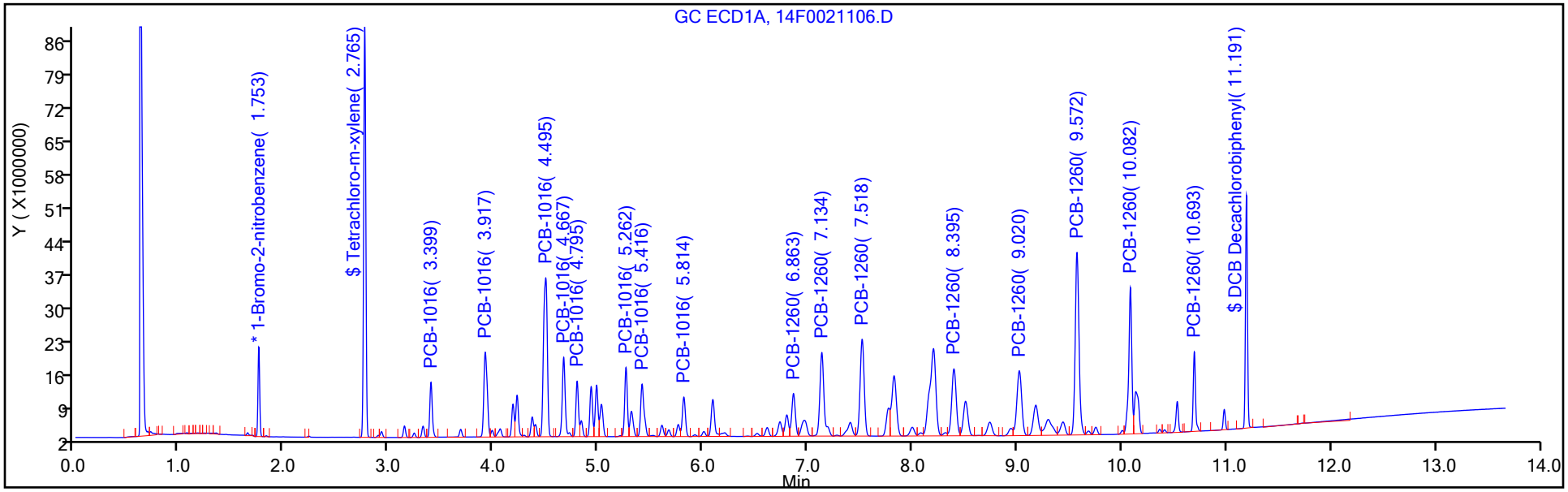
Report Date: 03-Mar-2022 11:13:58 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

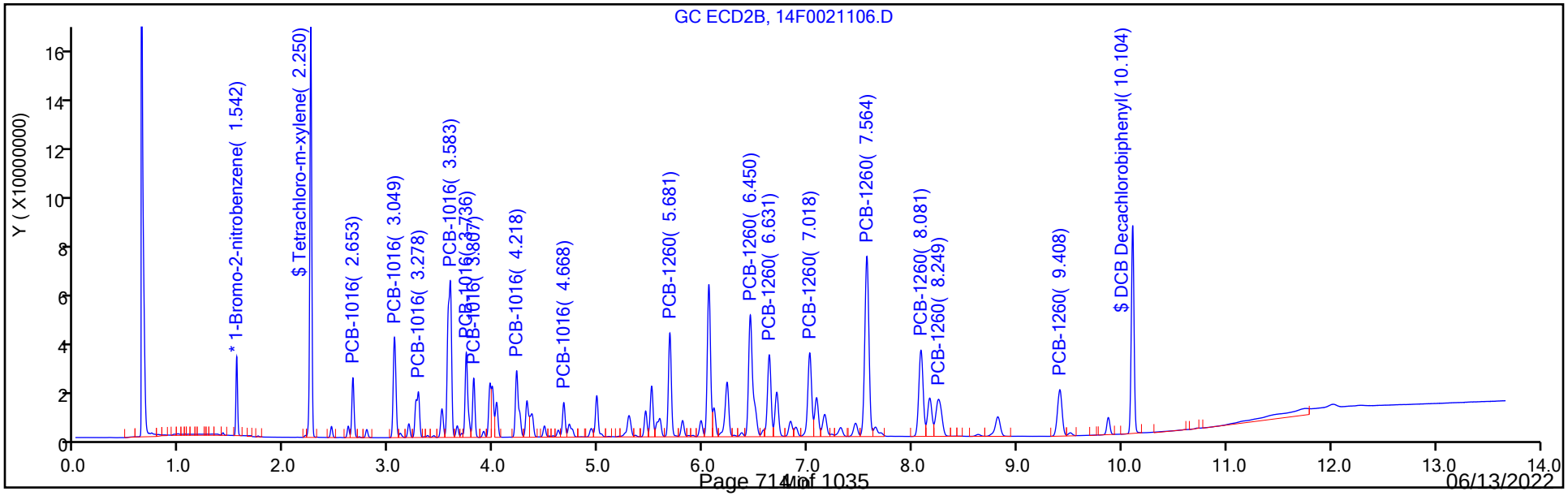
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021106.D

Injection Date:	02-Mar-2022 18:33:25	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021107.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 02-Mar-2022 18:50:09 ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:02 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 09:54:51

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.754	1.753	0.001	20166195	20.0	20.0	M
2	1.542	1.542	0.000	31326700	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.766	2.765	0.001	11429327	12.5	10.0	M
2	2.249	2.250	-0.001	18929962	12.5	10.0	M
						RPD = 0.06	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.399	3.399	0.000	879354	50.0	47.2	
1	3.918	3.917	0.001	1842615	50.0	46.7	
1	4.495	4.495	0.000	3836150	50.0	46.1	M
1	4.667	4.667	0.000	1564698	50.0	48.8	M
1	4.796	4.795	0.001	917007	50.0	46.2	M
1	5.263	5.262	0.001	1192017	50.0	46.8	M
1	5.418	5.416	0.002	1181874	50.0	47.4	M
1	5.814	5.814	0.000	766394	50.0	46.1	M
		Average of Peak Amounts =				46.9	
2	2.653	2.653	0.000	1761917	50.0	52.2	
2	3.049	3.049	0.000	3391454	50.0	49.2	M
2	3.278	3.278	0.000	2215291	50.0	48.8	M
2	3.582	3.583	-0.001	6773404	50.0	44.8	M
2	3.736	3.736	0.000	2781277	50.0	46.4	M
2	3.807	3.807	0.000	1597345	50.0	44.9	M
2	4.217	4.218	-0.001	3099641	50.0	52.8	M
2	4.669	4.668	0.001	1226321	50.0	51.3	M
		Average of Peak Amounts =				48.8	
						RPD = 3.89	
8 PCB-1260							M
1	6.862	6.863	-0.001	933786	50.0	44.7	M
1	7.134	7.134	0.000	1956687	50.0	41.5	M
1	7.520	7.518	0.002	2404945	50.0	45.1	M
1	8.399	8.395	0.004	1845608	50.0	44.7	M
1	9.025	9.020	0.005	1880371	50.0	44.2	M
1	9.574	9.572	0.002	4135331	50.0	44.1	M
1	10.084	10.082	0.002	2755543	50.0	45.0	M
1	10.693	10.693	0.000	1131002	50.0	46.3	M
		Average of Peak Amounts =				44.4	
2	5.681	5.681	0.000	3657869	50.0	47.5	M
2	6.449	6.450	-0.001	5987668	50.0	44.6	M
2	6.632	6.631	0.001	3415592	50.0	46.1	M
2	7.018	7.018	0.000	3696958	50.0	45.5	M
2	7.565	7.564	0.001	8112540	50.0	43.7	M
2	8.081	8.081	0.000	4175878	50.0	44.7	M
2	8.254	8.249	0.005	2562813	50.0	46.4	M
2	9.409	9.408	0.001	2755880	50.0	50.3	M
		Average of Peak Amounts =				46.1	
						RPD = 3.65	
$ 11 DCB Decachlorobiphenyl							M
1	11.189	11.191	-0.002	6531875	12.5	10.6	M
2	10.105	10.104	0.001	15305363	12.5	10.9	M
						RPD = 2.74	
S 12 Polychlorinated biphenyls, Total							
1						91.4	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1260ResPCB_00002	Amount Added:	1.00	Units: mL	
SG1660L1_00025	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

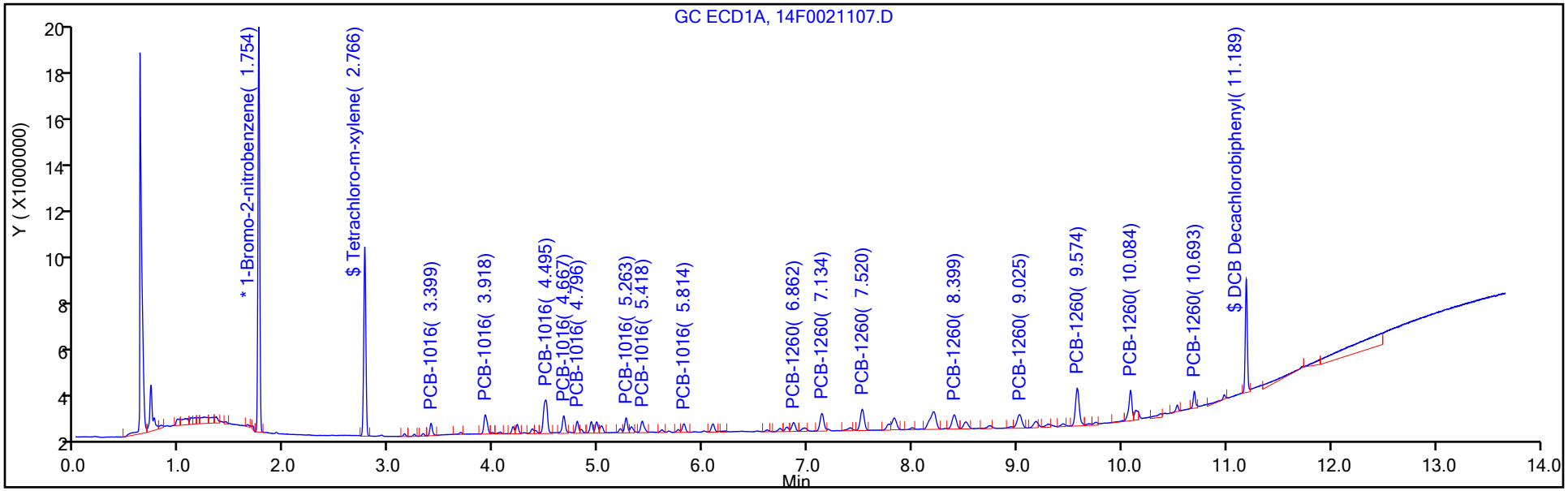
Report Date: 03-Mar-2022 11:14:03 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

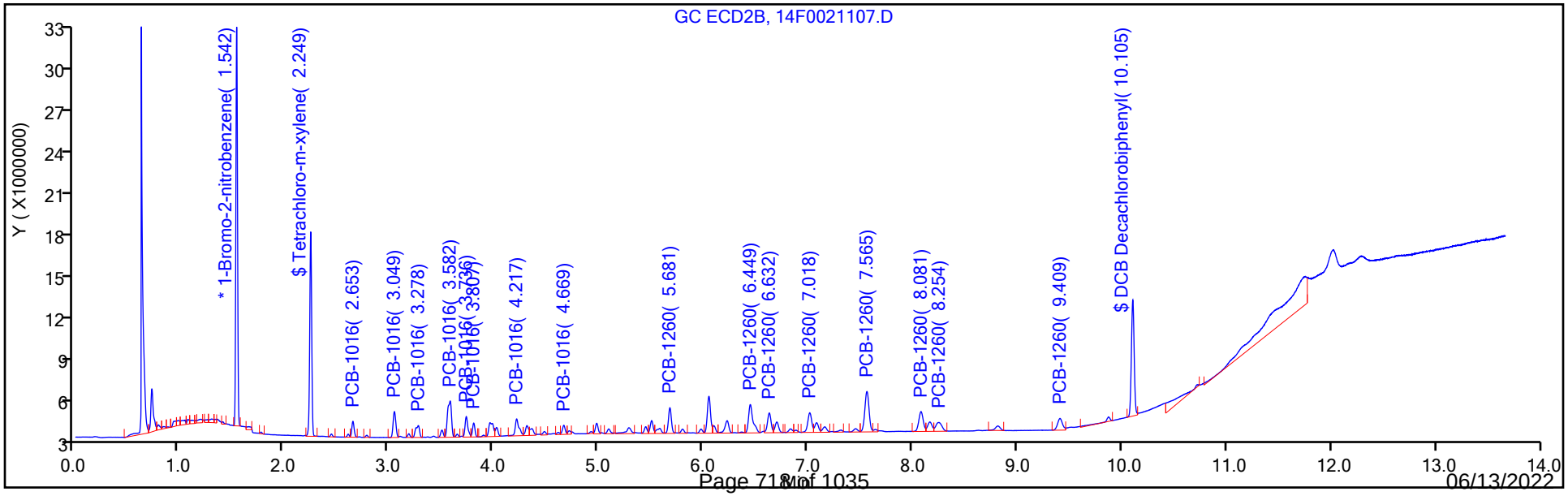
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021107.D

Injection Date:	02-Mar-2022 18:50:09	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021108.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 02-Mar-2022 19:06:45 ALS Bottle#: 7 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:06 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 09:56:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.755	1.753	0.002	19568447	20.0	20.0	
2	1.544	1.542	0.002	30477473	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.767	2.765	0.002	56535704	50.0	51.0	
2	2.252	2.250	0.002	94642862	50.0	51.5	
						RPD = 0.86	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.400	3.399	0.001	9433967	500.0	521.3	
1	3.919	3.917	0.002	19653806	500.0	513.4	M
1	4.497	4.495	0.002	40802859	500.0	505.8	M
1	4.668	4.667	0.001	15589632	500.0	501.4	M
1	4.796	4.795	0.001	9775194	500.0	507.8	M
1	5.264	5.262	0.002	12596609	500.0	510.1	M
1	5.418	5.416	0.002	12323822	500.0	509.4	M
1	5.817	5.814	0.003	8263637	500.0	511.7	M
		Average of Peak Amounts =				510.1	
2	2.655	2.653	0.002	16849755	500.0	512.6	
2	3.051	3.049	0.002	34855732	500.0	519.4	
2	3.280	3.278	0.002	22831250	500.0	517.1	M
2	3.584	3.583	0.001	75633579	500.0	513.7	
2	3.738	3.736	0.002	30186477	500.0	517.3	
2	3.809	3.807	0.002	17796032	500.0	514.3	
2	4.219	4.218	0.001	29106157	500.0	509.8	
2	4.670	4.668	0.002	12080138	500.0	519.0	
		Average of Peak Amounts =				515.4	
						RPD = 1.03	
8 PCB-1260							M
1	6.865	6.863	0.002	10419994	500.0	514.1	M
1	7.135	7.134	0.001	23886939	500.0	521.9	M
1	7.519	7.518	0.001	26389407	500.0	509.7	M
1	8.397	8.395	0.002	20432617	500.0	510.1	M
1	9.023	9.020	0.003	20883867	500.0	506.4	M
1	9.574	9.572	0.002	45306010	500.0	498.4	M
1	10.082	10.082	0.000	29504318	500.0	496.3	M
1	10.691	10.693	-0.002	11762786	500.0	495.7	
		Average of Peak Amounts =				506.6	
2	5.684	5.681	0.003	38423042	500.0	512.6	
2	6.451	6.450	0.001	66765554	500.0	511.2	M
2	6.633	6.631	0.002	36831933	500.0	511.0	M
2	7.020	7.018	0.002	40478332	500.0	512.2	M
2	7.566	7.564	0.002	92098797	500.0	509.8	M
2	8.084	8.081	0.003	46400268	500.0	510.6	M
2	8.252	8.249	0.003	27592177	500.0	514.0	M
2	9.410	9.408	0.002	26664360	500.0	500.0	M
		Average of Peak Amounts =				510.2	
						RPD = 0.70	
$ 11 DCB Decachlorobiphenyl							M
1	11.188	11.191	-0.003	30115697	50.0	50.2	M
2	10.105	10.104	0.001	70588932	50.0	51.5	M
						RPD = 2.51	
S 12 Polychlorinated biphenyls, Total							
1						1016.7	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1660L2_00034	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

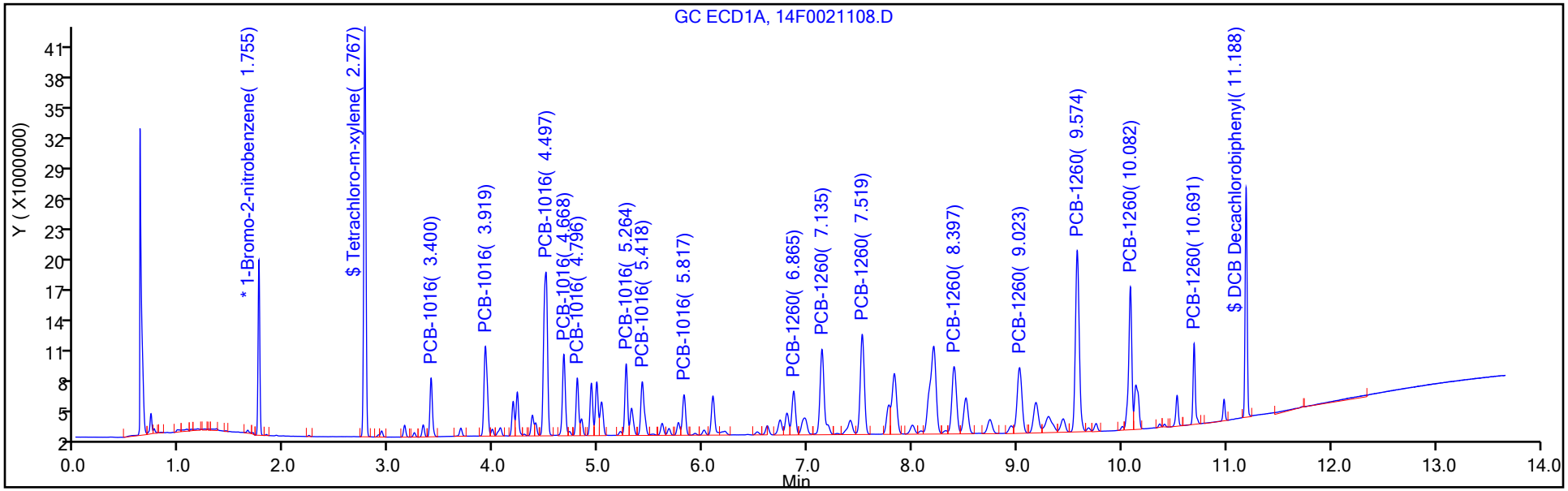
Report Date: 03-Mar-2022 11:14:07 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

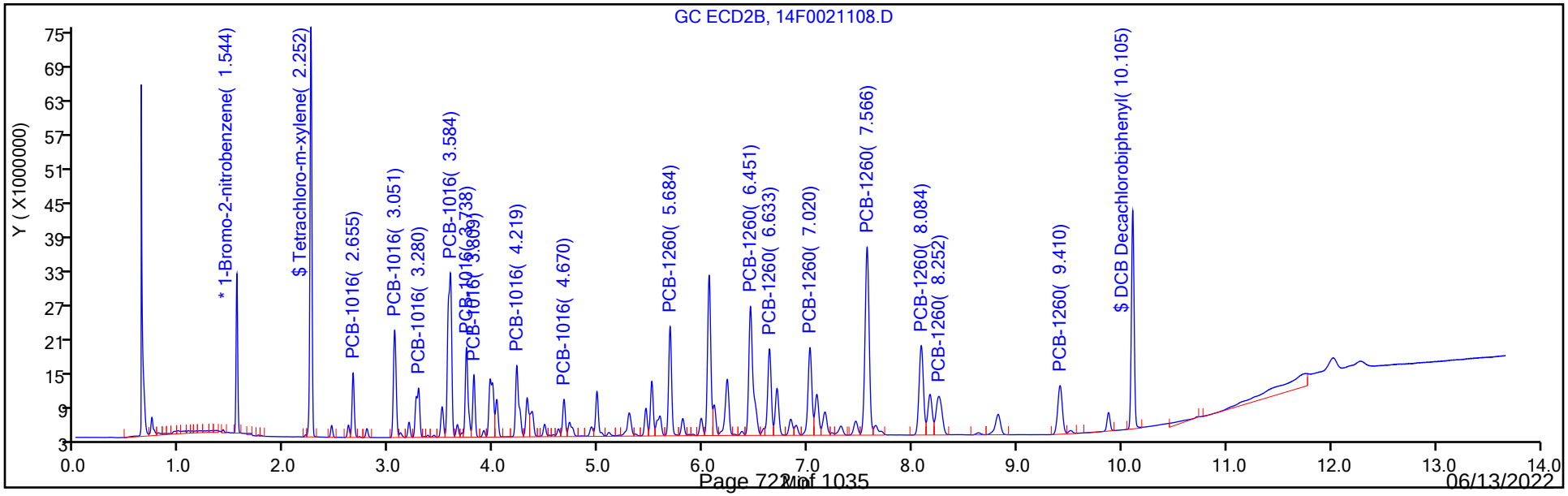
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021108.D

Injection Date:	02-Mar-2022 19:06:45	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021110.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 02-Mar-2022 19:39:54 ALS Bottle#: 9 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:10 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 09:56:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.753	1.753	0.000	18431810	20.0	20.0	
2	1.543	1.542	0.001	29377952	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.767	2.765	0.002	215153659	200.0	206.2	
2	2.252	2.250	0.002	369258444	200.0	208.4	
						RPD = 1.04	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.399	3.399	0.000	41684450	2500.0	2445.6	
1	3.918	3.917	0.001	87362296	2500.0	2422.9	
1	4.496	4.495	0.001	186160388	2500.0	2449.9	M
1	4.667	4.667	0.000	69942781	2500.0	2388.2	M
1	4.795	4.795	0.000	44507512	2500.0	2454.5	M
1	5.263	5.262	0.001	56338411	2500.0	2422.3	M
1	5.416	5.416	0.000	55255893	2500.0	2424.7	M
1	5.815	5.814	0.001	36845942	2500.0	2422.4	M
		Average of Peak Amounts =				2428.8	
2	2.654	2.653	0.001	73946586	2500.0	2334.0	
2	3.051	3.049	0.002	154861568	2500.0	2394.2	M
2	3.280	3.278	0.002	102922466	2500.0	2418.3	M
2	3.585	3.583	0.002	353320075	2500.0	2489.8	M
2	3.738	3.736	0.002	137899856	2500.0	2451.5	M
2	3.809	3.807	0.002	83010326	2500.0	2488.7	M
2	4.219	4.218	0.001	129587372	2500.0	2354.8	M
2	4.670	4.668	0.002	52808719	2500.0	2353.8	M
		Average of Peak Amounts =				2410.6	
						RPD = 0.75	
8 PCB-1260							M
1	6.863	6.863	0.000	47001674	2500.0	2461.9	M
1	7.134	7.134	0.000	107713783	2500.0	2498.7	M
1	7.520	7.518	0.002	119132050	2500.0	2442.9	M
1	8.399	8.395	0.004	92154795	2500.0	2442.7	M
1	9.022	9.020	0.002	95648062	2500.0	2462.3	M
1	9.575	9.572	0.003	213142479	2500.0	2489.5	M
1	10.082	10.082	0.000	138774586	2500.0	2478.1	
1	10.688	10.693	-0.005	55087921	2500.0	2464.8	M
		Average of Peak Amounts =				2467.6	
2	5.683	5.681	0.002	176346028	2500.0	2440.5	M
2	6.452	6.450	0.002	312781226	2500.0	2484.4	M
2	6.633	6.631	0.002	170613079	2500.0	2455.7	M
2	7.019	7.018	0.001	187597182	2500.0	2462.5	M
2	7.566	7.564	0.002	435818899	2500.0	2502.9	M
2	8.083	8.081	0.002	217307187	2500.0	2481.0	M
2	8.252	8.249	0.003	126961128	2500.0	2453.5	M
2	9.409	9.408	0.001	124459978	2500.0	2421.0	M
		Average of Peak Amounts =				2462.7	
						RPD = 0.20	
$ 11 DCB Decachlorobiphenyl							M
1	11.183	11.191	-0.008	117291363	200.0	207.5	
2	10.104	10.104	0.000	273937942	200.0	207.2	M
						RPD = 0.16	
S 12 Polychlorinated biphenyls, Total							
1						4896.4	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1660L5_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

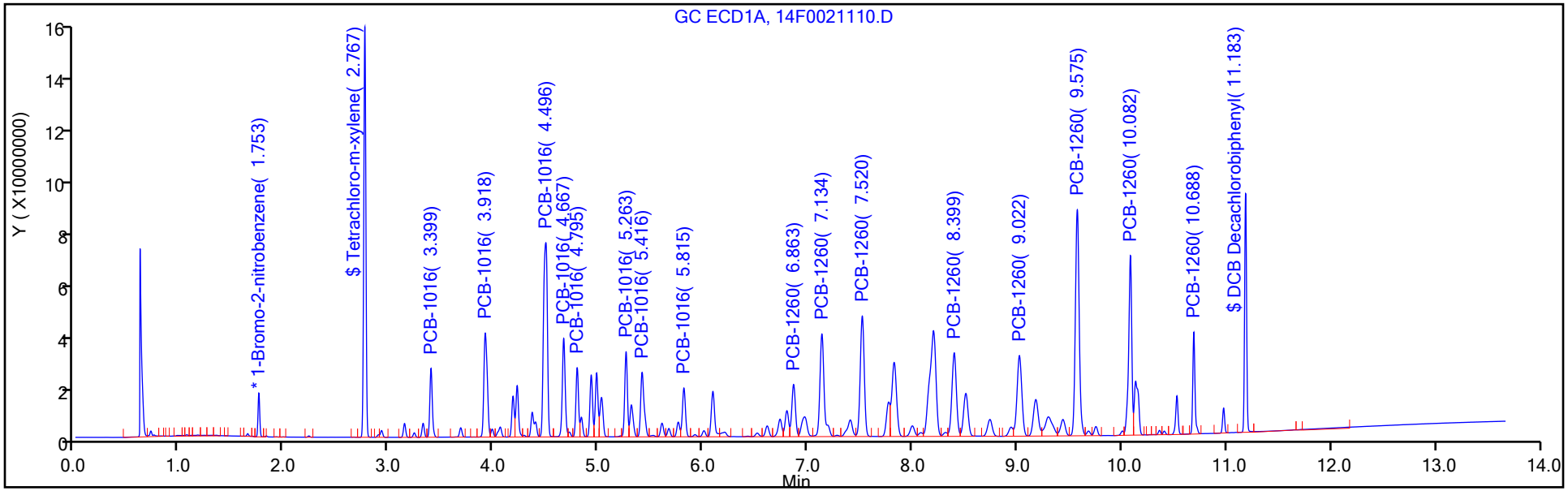
Report Date: 03-Mar-2022 11:14:11 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

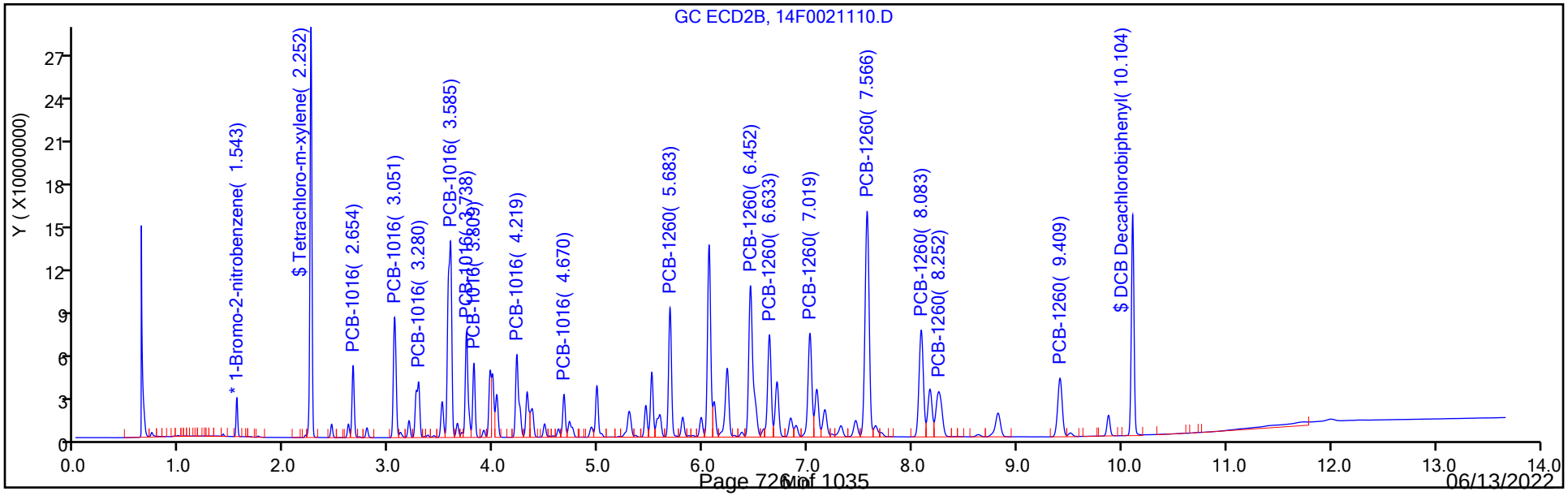
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021110.D

Injection Date:	02-Mar-2022 19:39:54	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 03-Mar-2022 10:07:21 ALS Bottle#: 2 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: PCB
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:36 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:23:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.749	1.754	-0.005	20765467	20.0	20.0	M
2	1.539	1.543	-0.004	35530340	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.761	2.765	-0.004	198959608	150.0	169.3	
2	2.246	2.250	-0.004	353625172	150.0	165.0	M
						RPD = 2.55	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.394	3.399	-0.005	30593627	1500.0	1593.2	
1	3.912	3.917	-0.005	66981947	1500.0	1648.9	
1	4.490	4.495	-0.005	143904240	1500.0	1681.0	
1	4.662	4.667	-0.005	53766969	1500.0	1629.5	
1	4.790	4.795	-0.005	34345423	1500.0	1681.2	
1	5.257	5.262	-0.005	43674178	1500.0	1666.7	
1	5.410	5.416	-0.006	42494310	1500.0	1655.1	
1	5.810	5.814	-0.004	28747096	1500.0	1677.6	
		Average of Peak Amounts =				1654.2	
2	2.648	2.653	-0.005	59653768	1500.0	1556.8	
2	3.044	3.049	-0.005	122995849	1500.0	1572.3	
2	3.273	3.278	-0.005	81435846	1500.0	1582.1	
2	3.578	3.583	-0.005	283199717	1500.0	1650.1	
2	3.730	3.736	-0.006	110417745	1500.0	1623.0	
2	3.802	3.807	-0.005	66692565	1500.0	1653.2	
2	4.212	4.218	-0.006	103486007	1500.0	1554.8	M
2	4.663	4.668	-0.005	42478557	1500.0	1565.5	M
		Average of Peak Amounts =				1594.7	
						RPD = 3.66	
8 PCB-1260							
1	6.855	6.863	-0.008	36277751	1500.0	1686.7	
1	7.127	7.134	-0.007	83007814	1500.0	1709.2	
1	7.510	7.518	-0.008	92813249	1500.0	1689.4	
1	8.389	8.395	-0.006	72059955	1500.0	1695.4	
1	9.013	9.020	-0.007	74452158	1500.0	1701.2	
1	9.566	9.572	-0.006	165300560	1500.0	1713.7	
1	10.074	10.082	-0.008	107702809	1500.0	1707.1	
1	10.682	10.693	-0.011	42752267	1500.0	1697.9	
		Average of Peak Amounts =				1700.1	
2	5.676	5.681	-0.005	141061107	1500.0	1614.1	
2	6.444	6.450	-0.006	251899267	1500.0	1654.4	
2	6.624	6.631	-0.007	137616582	1500.0	1637.8	
2	7.011	7.018	-0.007	150714567	1500.0	1635.8	
2	7.556	7.564	-0.008	350984548	1500.0	1666.6	
2	8.074	8.081	-0.007	175326812	1500.0	1655.1	
2	8.241	8.249	-0.008	101622840	1500.0	1623.8	
2	9.400	9.408	-0.008	99224422	1500.0	1595.9	
		Average of Peak Amounts =				1635.4	
						RPD = 3.88	
$ 11 DCB Decachlorobiphenyl							
1	11.174	11.191	-0.017	108753747	150.0	170.8	
2	10.097	10.104	-0.007	261216131	150.0	163.4	
						RPD = 4.45	
S 12 Polychlorinated biphenyls, Total							
1						3354.2	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1660L4_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 03-Mar-2022 11:14:36 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Injection Date: 03-Mar-2022 10:07:21 Instrument ID: CPESTGC14 Operator ID:

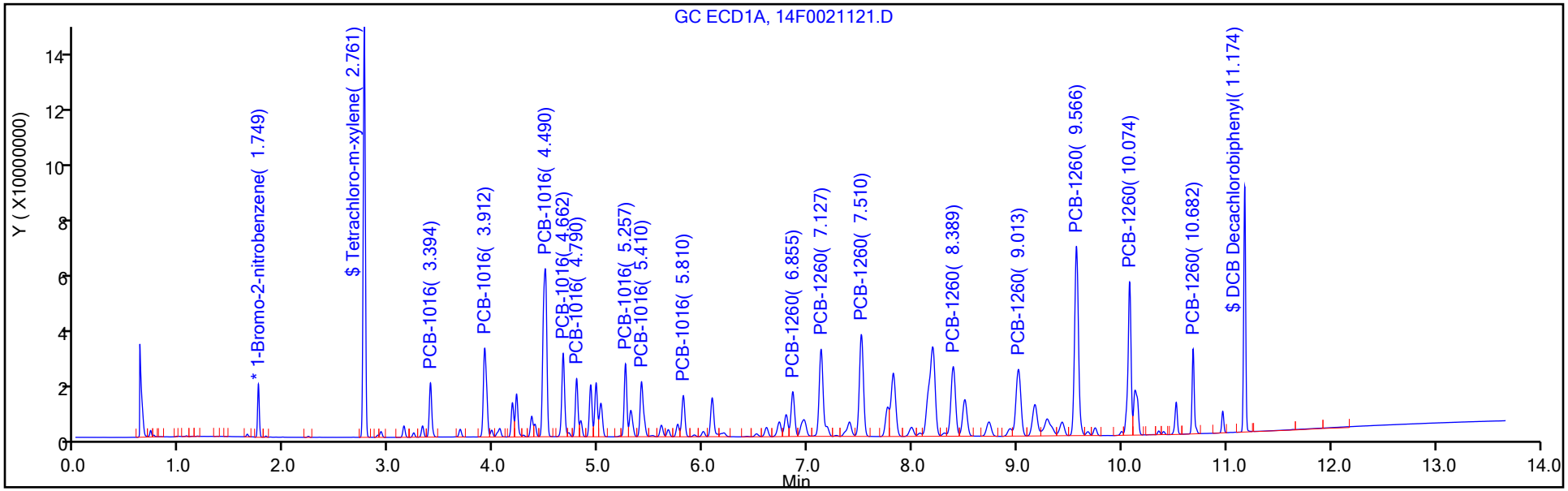
Lims ID: IC PCB Worklist Smp#: 17

Client ID:

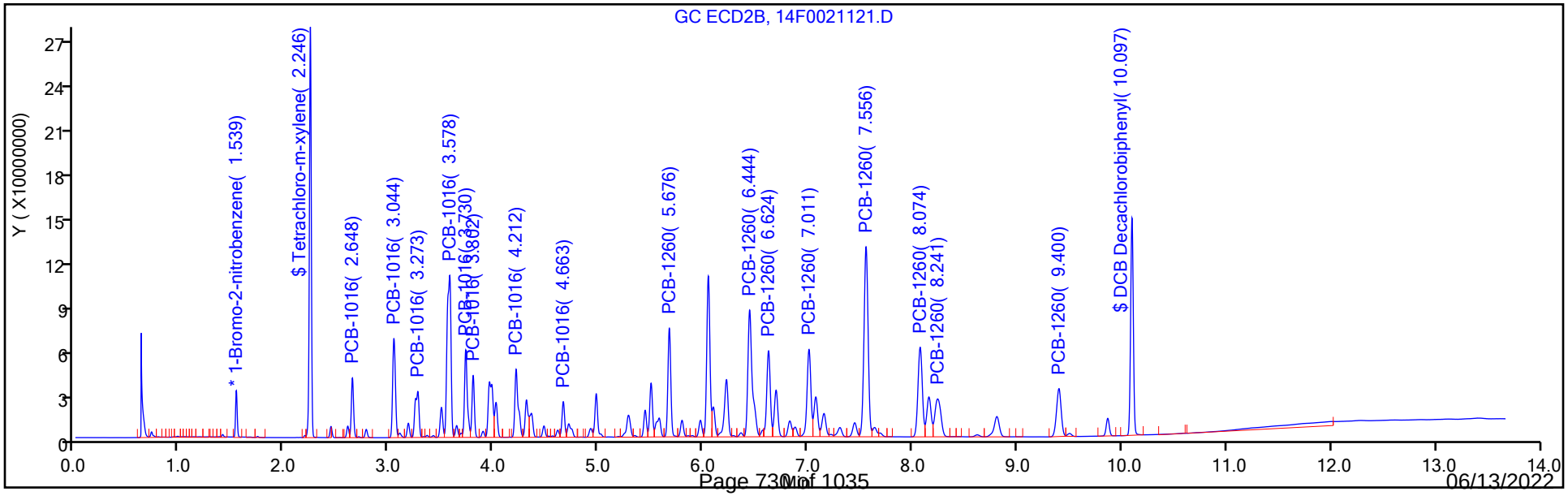
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 20:29 Calibration End Date: 03/02/2022 20:29 Calibration ID: 89413

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/9	14F0021113.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1221 Peak 1	0.0072					Ave		0.0072						20.0			
PCB-1221 Peak 2	0.0109					Ave		0.0109						20.0			
PCB-1221 Peak 3	0.0068					Ave		0.0068						20.0			
PCB-1221 Peak 4	0.0249					Ave		0.0249						20.0			
PCB-1221 Peak 5	0.0031					Ave		0.0031						20.0			
PCB-1221 Peak 6	0.0050					Ave		0.0050						20.0			
PCB-1221 Peak 7	0.0024					Ave		0.0024						20.0			
PCB-1221 Peak 8	0.0013					Ave		0.0013						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-257083-1 | Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 | GC Column: Rtx-CLP | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 20:29 | Calibration End Date: 03/02/2022 20:29 | Calibration ID: 89413

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/9	14F0021113.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	6864916					1000				
PCB-1221 Peak 2	BNB	Ave	10347315					1000				
PCB-1221 Peak 3	BNB	Ave	6432156					1000				
PCB-1221 Peak 4	BNB	Ave	23682605					1000				
PCB-1221 Peak 5	BNB	Ave	2943896					1000				
PCB-1221 Peak 6	BNB	Ave	4802490					1000				
PCB-1221 Peak 7	BNB	Ave	2263093					1000				
PCB-1221 Peak 8	BNB	Ave	1191894					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021113.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 20:29:49 ALS Bottle#: 12 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:14 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:08:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.754	1.754	0.000	19043520	20.0	20.0	
2	1.543	1.543	0.000	29808436	20.0	20.0	
						RPD = 0.00	
1 PCB-1221							M
1	2.231	2.231	0.000	6864916	1000.0	1000.0	
1	3.146	3.146	0.000	10347315	1000.0	1000.0	
1	3.323	3.323	0.000	6432156	1000.0	1000.0	M
1	3.399	3.399	0.000	23682605	1000.0	1000.0	M
1	3.985	3.985	0.000	2943896	1000.0	1000.0	M
1	4.498	4.498	0.000	4802490	1000.0	1000.0	M
1	4.669	4.669	0.000	2263093	1000.0	1000.0	M
1	4.796	4.796	0.000	1191894	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	1.747	1.747	0.000	11266948	1000.0	1000.0	
2	2.449	2.449	0.000	17141305	1000.0	1000.0	
2	2.610	2.610	0.000	10813911	1000.0	1000.0	M
2	2.653	2.653	0.000	40640374	1000.0	1000.0	M
2	3.052	3.052	0.000	5382874	1000.0	1000.0	M
2	3.192	3.192	0.000	5623777	1000.0	1000.0	M
2	3.586	3.586	0.000	8704154	1000.0	1000.0	M
2	3.738	3.738	0.000	3736606	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1221L4_00032	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

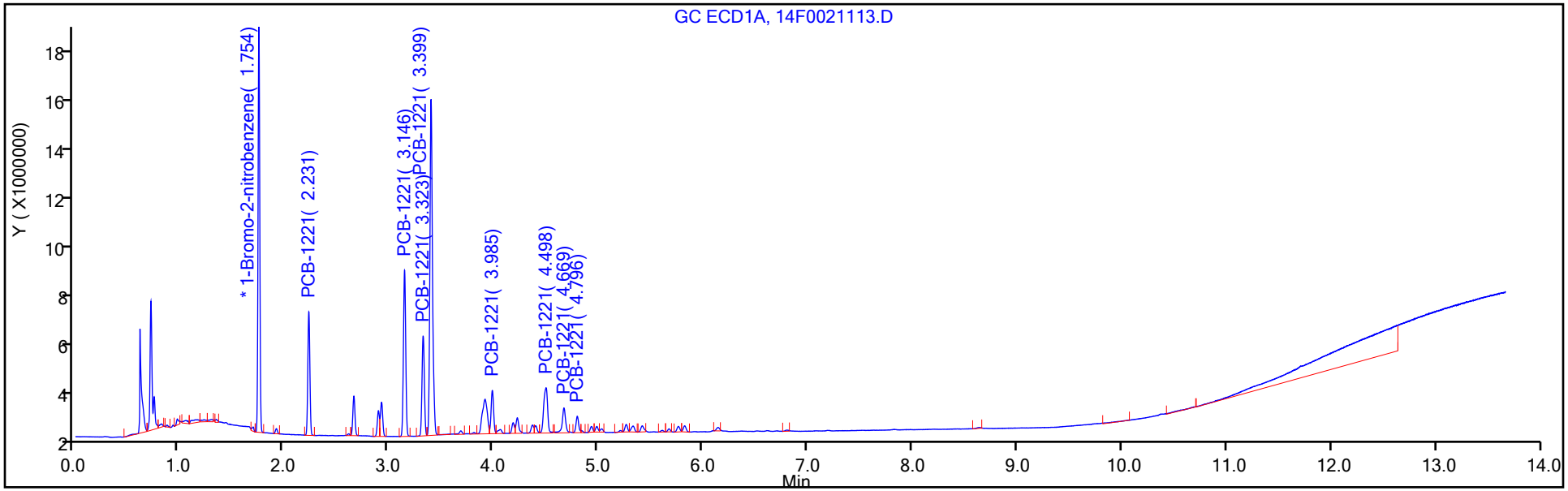
Report Date: 03-Mar-2022 11:14:14 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

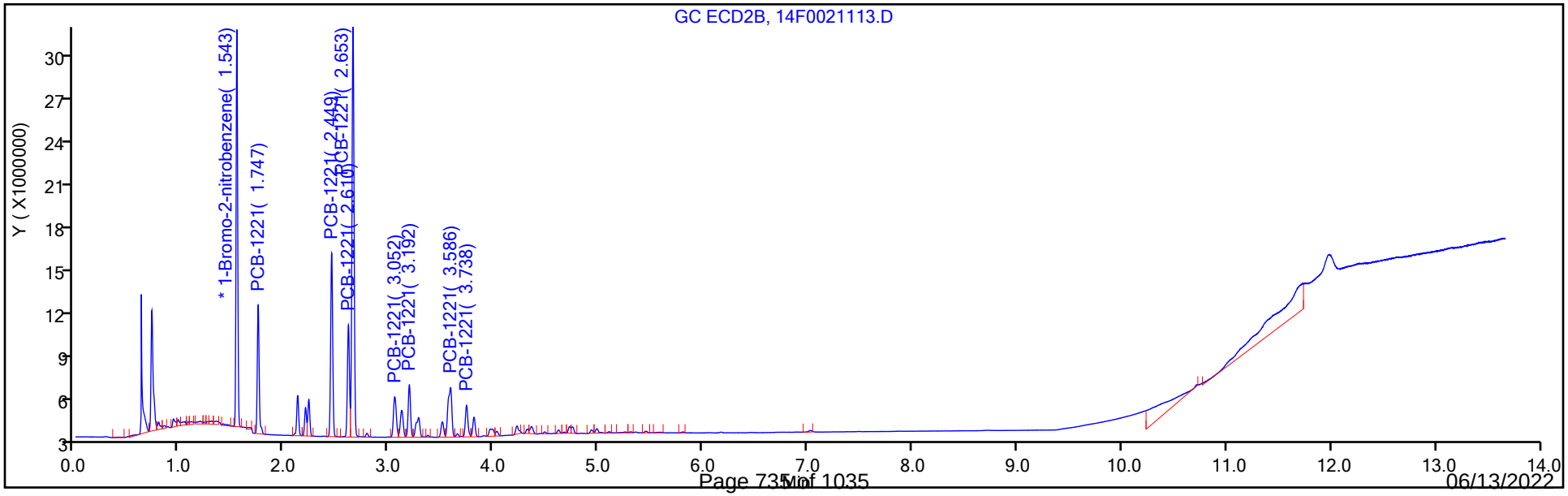
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021113.D

Injection Date:	02-Mar-2022 20:29:49	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC 1221			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 20:29 Calibration End Date: 03/02/2022 20:29 Calibration ID: 89414

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/9	14F0021113.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1221 Peak 1	0.0076					Ave		0.0076						20.0			
PCB-1221 Peak 2	0.0115					Ave		0.0115						20.0			
PCB-1221 Peak 3	0.0073					Ave		0.0073						20.0			
PCB-1221 Peak 4	0.0273					Ave		0.0273						20.0			
PCB-1221 Peak 5	0.0036					Ave		0.0036						20.0			
PCB-1221 Peak 6	0.0038					Ave		0.0038						20.0			
PCB-1221 Peak 7	0.0058					Ave		0.0058						20.0			
PCB-1221 Peak 8	0.0025					Ave		0.0025						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 20:29 Calibration End Date: 03/02/2022 20:29 Calibration ID: 89414

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/9	14F0021113.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	11266948					1000				
PCB-1221 Peak 2	BNB	Ave	17141305					1000				
PCB-1221 Peak 3	BNB	Ave	10813911					1000				
PCB-1221 Peak 4	BNB	Ave	40640374					1000				
PCB-1221 Peak 5	BNB	Ave	5382874					1000				
PCB-1221 Peak 6	BNB	Ave	5623777					1000				
PCB-1221 Peak 7	BNB	Ave	8704154					1000				
PCB-1221 Peak 8	BNB	Ave	3736606					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021113.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 20:29:49 ALS Bottle#: 12 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:14 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:08:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.754	1.754	0.000	19043520	20.0	20.0	
2	1.543	1.543	0.000	29808436	20.0	20.0	
						RPD = 0.00	
1 PCB-1221							M
1	2.231	2.231	0.000	6864916	1000.0	1000.0	
1	3.146	3.146	0.000	10347315	1000.0	1000.0	
1	3.323	3.323	0.000	6432156	1000.0	1000.0	M
1	3.399	3.399	0.000	23682605	1000.0	1000.0	M
1	3.985	3.985	0.000	2943896	1000.0	1000.0	M
1	4.498	4.498	0.000	4802490	1000.0	1000.0	M
1	4.669	4.669	0.000	2263093	1000.0	1000.0	M
1	4.796	4.796	0.000	1191894	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	1.747	1.747	0.000	11266948	1000.0	1000.0	
2	2.449	2.449	0.000	17141305	1000.0	1000.0	
2	2.610	2.610	0.000	10813911	1000.0	1000.0	M
2	2.653	2.653	0.000	40640374	1000.0	1000.0	M
2	3.052	3.052	0.000	5382874	1000.0	1000.0	M
2	3.192	3.192	0.000	5623777	1000.0	1000.0	M
2	3.586	3.586	0.000	8704154	1000.0	1000.0	M
2	3.738	3.738	0.000	3736606	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1221L4_00032	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

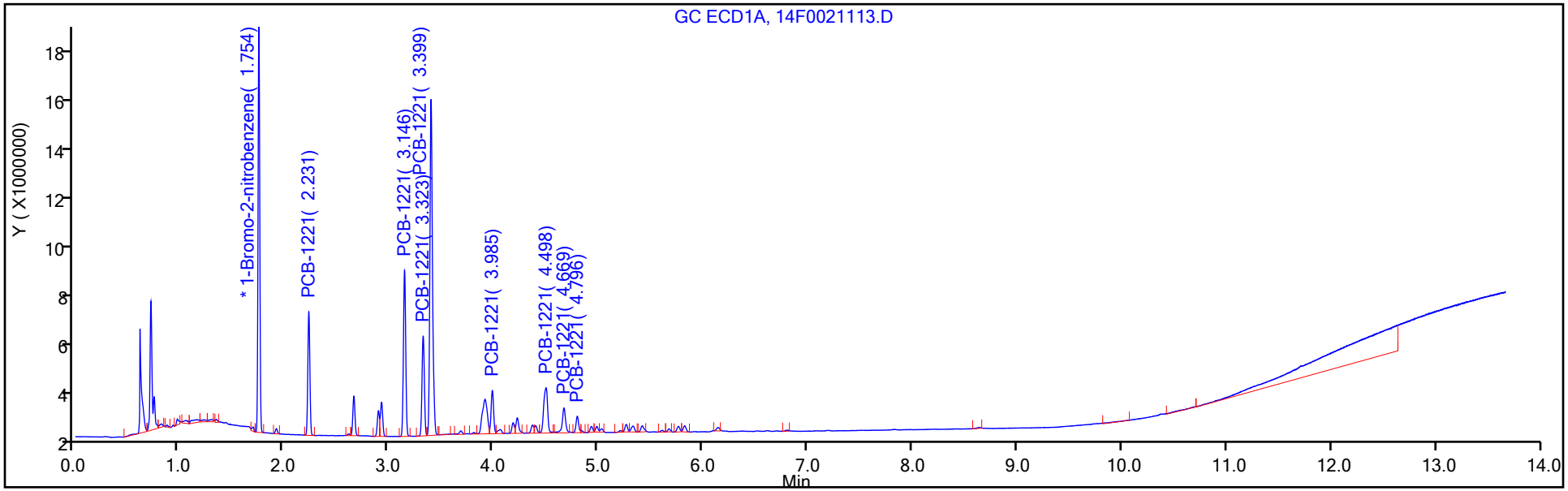
Report Date: 03-Mar-2022 11:14:15 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

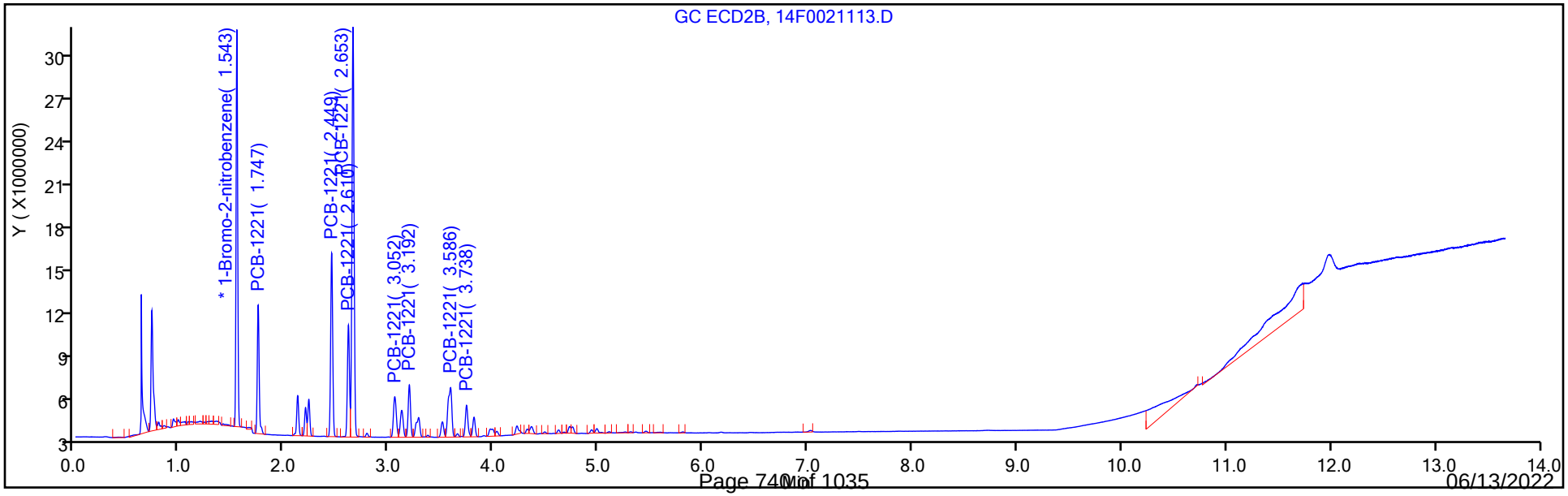
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021113.D

Injection Date:	02-Mar-2022 20:29:49	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC 1221			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 20:46 Calibration End Date: 03/02/2022 20:46 Calibration ID: 89419

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/10	14F0021114.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1232 Peak 1	0.0207					Ave		0.0207						20.0			
PCB-1232 Peak 2	0.0165					Ave		0.0165						20.0			
PCB-1232 Peak 3	0.0316					Ave		0.0316						20.0			
PCB-1232 Peak 4	0.0124					Ave		0.0124						20.0			
PCB-1232 Peak 5	0.0078					Ave		0.0078						20.0			
PCB-1232 Peak 6	0.0090					Ave		0.0090						20.0			
PCB-1232 Peak 7	0.0090					Ave		0.0090						20.0			
PCB-1232 Peak 8	0.0102					Ave		0.0102						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 20:46 Calibration End Date: 03/02/2022 20:46 Calibration ID: 89419

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/10	14F0021114.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	20250457					1000				
PCB-1232 Peak 2	BNB	Ave	16125016					1000				
PCB-1232 Peak 3	BNB	Ave	30918988					1000				
PCB-1232 Peak 4	BNB	Ave	12129707					1000				
PCB-1232 Peak 5	BNB	Ave	7638213					1000				
PCB-1232 Peak 6	BNB	Ave	8785495					1000				
PCB-1232 Peak 7	BNB	Ave	8764801					1000				
PCB-1232 Peak 8	BNB	Ave	9969583					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021114.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 20:46:23 ALS Bottle#: 13 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub3

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:10:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.754	1.754	0.000	19556151	20.0	20.0	
2	1.544	1.544	0.000	30520379	20.0	20.0	
						RPD = 0.00	
3 PCB-1232							M
1	3.399	3.399	0.000	20250457	1000.0	1000.0	
1	3.918	3.918	0.000	16125016	1000.0	1000.0	M
1	4.496	4.496	0.000	30918988	1000.0	1000.0	M
1	4.668	4.668	0.000	12129707	1000.0	1000.0	M
1	4.796	4.796	0.000	7638213	1000.0	1000.0	M
1	5.264	5.264	0.000	8785495	1000.0	1000.0	M
1	5.763	5.763	0.000	8764801	1000.0	1000.0	M
1	5.822	5.822	0.000	9969583	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.654	2.654	0.000	34525143	1000.0	1000.0	
2	3.052	3.052	0.000	27194164	1000.0	1000.0	M
2	3.281	3.281	0.000	18006417	1000.0	1000.0	M
2	3.585	3.585	0.000	57809487	1000.0	1000.0	
2	3.739	3.739	0.000	23140578	1000.0	1000.0	
2	3.809	3.809	0.000	14065584	1000.0	1000.0	
2	4.220	4.220	0.000	20733294	1000.0	1000.0	
2	4.724	4.724	0.000	30648477	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1232L4_00034	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

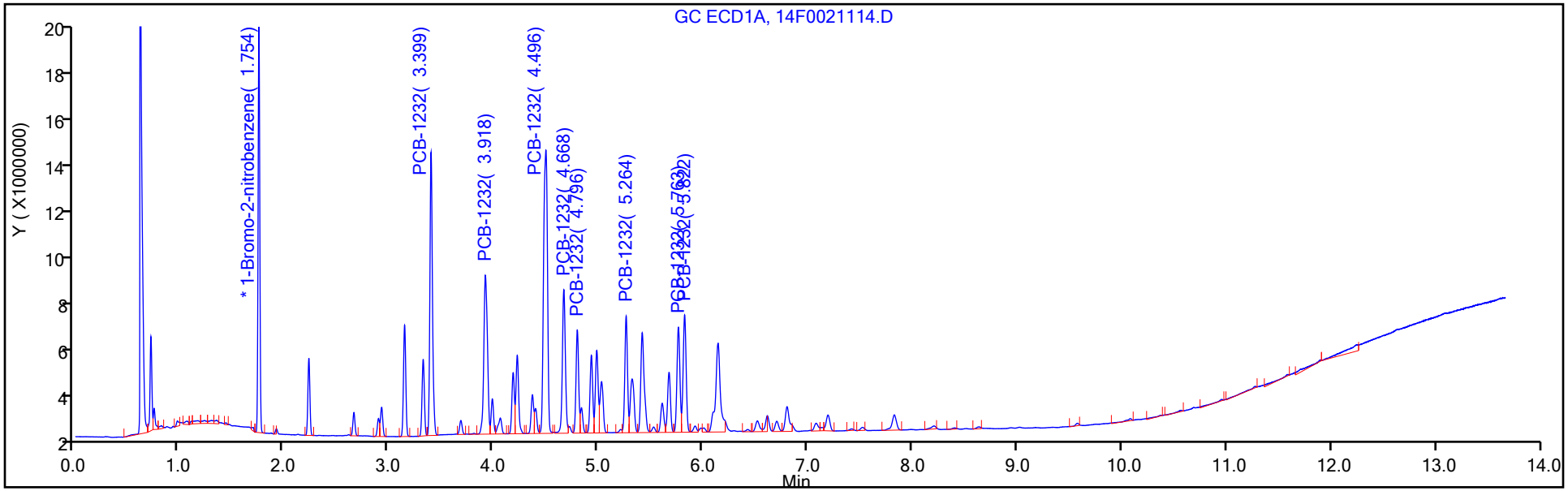
Report Date: 03-Mar-2022 11:14:17 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

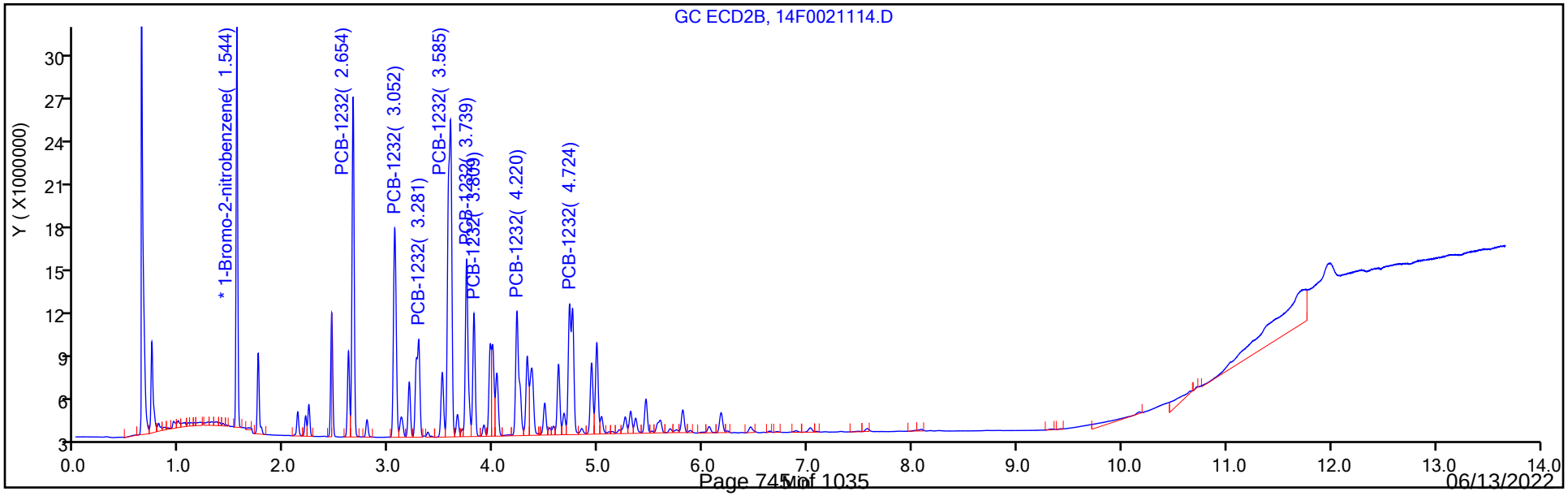
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021114.D

Injection Date:	02-Mar-2022 20:46:23	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC 1232			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 20:46 Calibration End Date: 03/02/2022 20:46 Calibration ID: 89420

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/10	14F0021114.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1232 Peak 1	0.0226					Ave		0.0226						20.0			
PCB-1232 Peak 2	0.0178					Ave		0.0178						20.0			
PCB-1232 Peak 3	0.0118					Ave		0.0118						20.0			
PCB-1232 Peak 4	0.0379					Ave		0.0379						20.0			
PCB-1232 Peak 5	0.0152					Ave		0.0152						20.0			
PCB-1232 Peak 6	0.0092					Ave		0.0092						20.0			
PCB-1232 Peak 7	0.0136					Ave		0.0136						20.0			
PCB-1232 Peak 8	0.0201					Ave		0.0201						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 20:46 Calibration End Date: 03/02/2022 20:46 Calibration ID: 89420

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/10	14F0021114.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	34525143					1000				
PCB-1232 Peak 2	BNB	Ave	27194164					1000				
PCB-1232 Peak 3	BNB	Ave	18006417					1000				
PCB-1232 Peak 4	BNB	Ave	57809487					1000				
PCB-1232 Peak 5	BNB	Ave	23140578					1000				
PCB-1232 Peak 6	BNB	Ave	14065584					1000				
PCB-1232 Peak 7	BNB	Ave	20733294					1000				
PCB-1232 Peak 8	BNB	Ave	30648477					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021114.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 20:46:23 ALS Bottle#: 13 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub3

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:17 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:10:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.754	1.754	0.000	19556151	20.0	20.0	
2	1.544	1.544	0.000	30520379	20.0	20.0	
						RPD = 0.00	
3 PCB-1232							M
1	3.399	3.399	0.000	20250457	1000.0	1000.0	
1	3.918	3.918	0.000	16125016	1000.0	1000.0	M
1	4.496	4.496	0.000	30918988	1000.0	1000.0	M
1	4.668	4.668	0.000	12129707	1000.0	1000.0	M
1	4.796	4.796	0.000	7638213	1000.0	1000.0	M
1	5.264	5.264	0.000	8785495	1000.0	1000.0	M
1	5.763	5.763	0.000	8764801	1000.0	1000.0	M
1	5.822	5.822	0.000	9969583	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.654	2.654	0.000	34525143	1000.0	1000.0	
2	3.052	3.052	0.000	27194164	1000.0	1000.0	M
2	3.281	3.281	0.000	18006417	1000.0	1000.0	M
2	3.585	3.585	0.000	57809487	1000.0	1000.0	
2	3.739	3.739	0.000	23140578	1000.0	1000.0	
2	3.809	3.809	0.000	14065584	1000.0	1000.0	
2	4.220	4.220	0.000	20733294	1000.0	1000.0	
2	4.724	4.724	0.000	30648477	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1232L4_00034	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

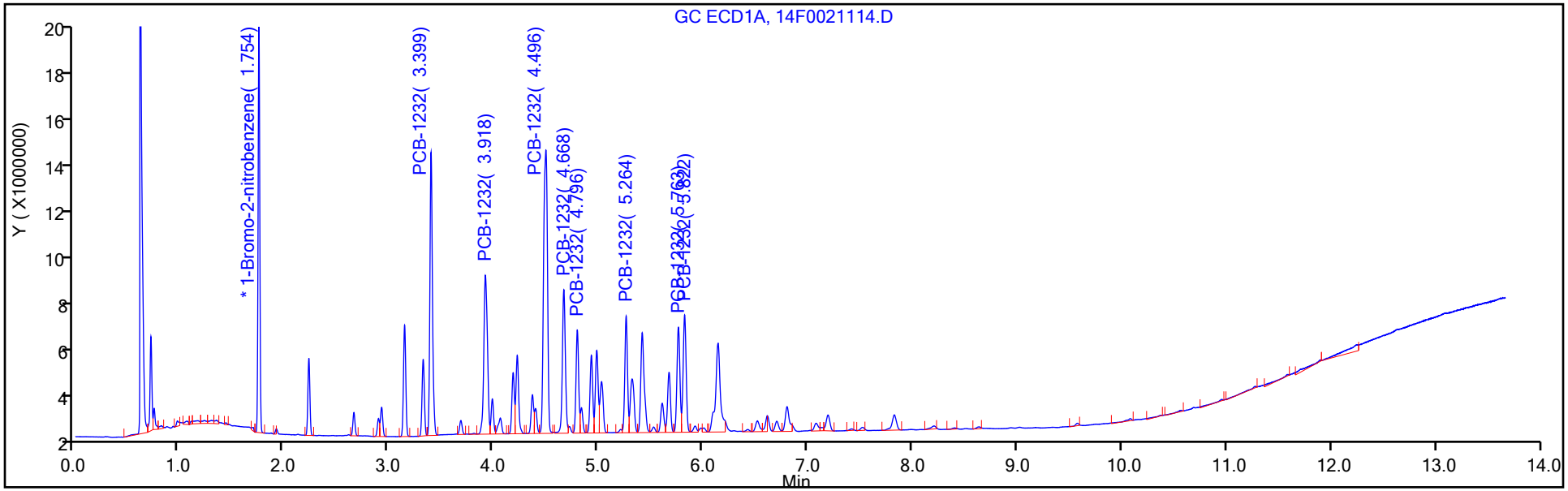
Report Date: 03-Mar-2022 11:14:17 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

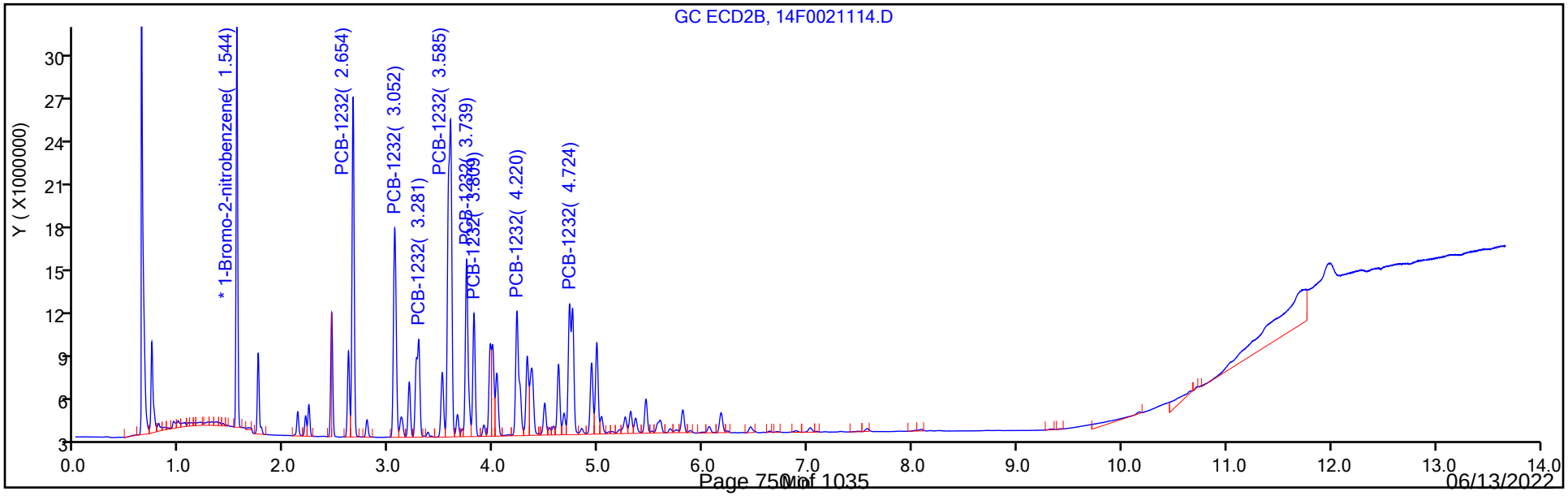
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021114.D

Injection Date:	02-Mar-2022 20:46:23	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC 1232			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:03 Calibration End Date: 03/02/2022 21:03 Calibration ID: 89425

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/11	14F0021115.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1242 Peak 1	0.0150					Ave		0.0150						20.0			
PCB-1242 Peak 2	0.0301					Ave		0.0301						20.0			
PCB-1242 Peak 3	0.0620					Ave		0.0620						20.0			
PCB-1242 Peak 4	0.0246					Ave		0.0246						20.0			
PCB-1242 Peak 5	0.0150					Ave		0.0150						20.0			
PCB-1242 Peak 6	0.0219					Ave		0.0219						20.0			
PCB-1242 Peak 7	0.0201					Ave		0.0201						20.0			
PCB-1242 Peak 8	0.0225					Ave		0.0225						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-257083-1 | Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 | GC Column: Rtx-CLP | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:03 | Calibration End Date: 03/02/2022 21:03 | Calibration ID: 89425

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/11	14F0021115.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	14383011					1000				
PCB-1242 Peak 2	BNB	Ave	28893604					1000				
PCB-1242 Peak 3	BNB	Ave	59551872					1000				
PCB-1242 Peak 4	BNB	Ave	23659797					1000				
PCB-1242 Peak 5	BNB	Ave	14365483					1000				
PCB-1242 Peak 6	BNB	Ave	21010315					1000				
PCB-1242 Peak 7	BNB	Ave	19321620					1000				
PCB-1242 Peak 8	BNB	Ave	21645187					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021115.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 21:03:06 ALS Bottle#: 14 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub4

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:20 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:10:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.754	1.754	0.000	19212383	20.0	20.0	
2	1.542	1.542	0.000	30032821	20.0	20.0	
						RPD = 0.00	
4 PCB-1242							M
1	3.401	3.401	0.000	14383011	1000.0	1000.0	
1	3.919	3.919	0.000	28893604	1000.0	1000.0	
1	4.497	4.497	0.000	59551872	1000.0	1000.0	M
1	4.668	4.668	0.000	23659797	1000.0	1000.0	M
1	4.797	4.797	0.000	14365483	1000.0	1000.0	M
1	5.418	5.418	0.000	21010315	1000.0	1000.0	M
1	5.763	5.763	0.000	19321620	1000.0	1000.0	M
1	5.822	5.822	0.000	21645187	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.653	2.653	0.000	24649560	1000.0	1000.0	
2	3.052	3.052	0.000	51219442	1000.0	1000.0	M
2	3.280	3.280	0.000	33746311	1000.0	1000.0	M
2	3.585	3.585	0.000	112624711	1000.0	1000.0	
2	3.737	3.737	0.000	44485201	1000.0	1000.0	
2	3.808	3.808	0.000	26574146	1000.0	1000.0	
2	4.220	4.220	0.000	43224994	1000.0	1000.0	M
2	4.722	4.722	0.000	65952550	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1242L4_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

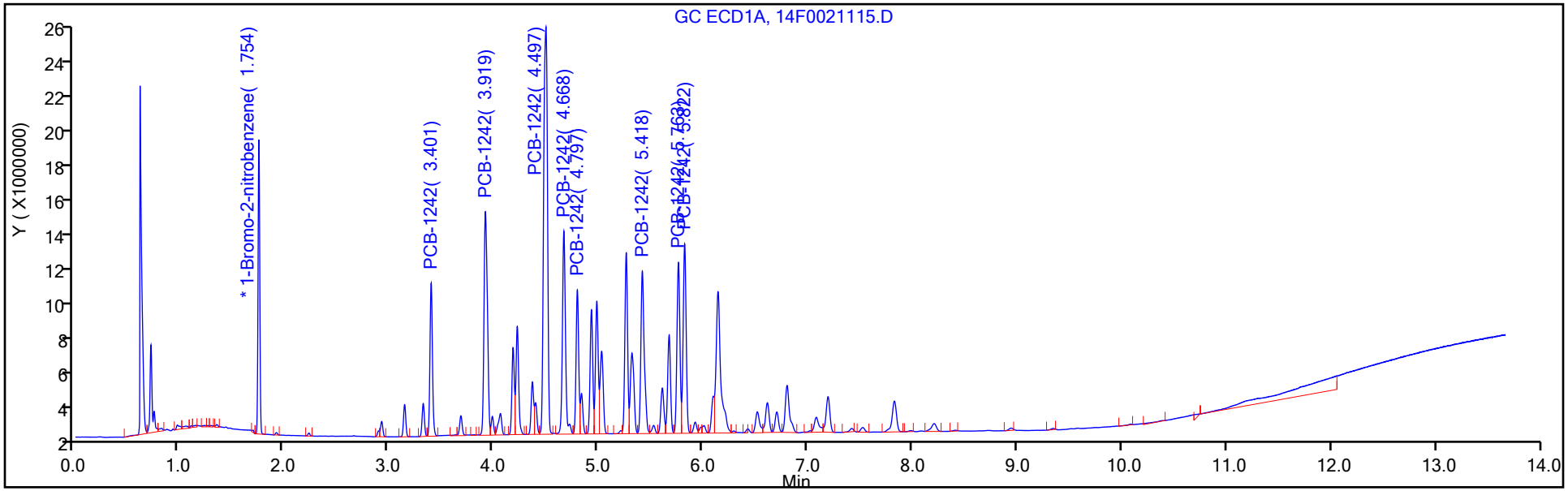
Report Date: 03-Mar-2022 11:14:20 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

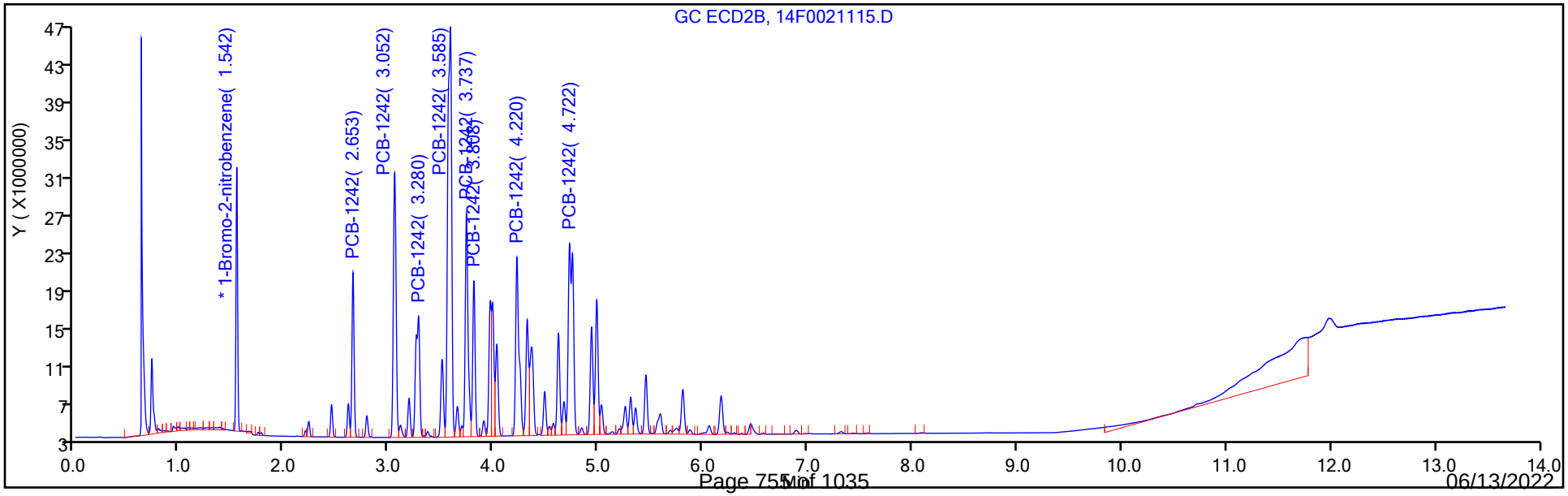
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021115.D

Injection Date:	02-Mar-2022 21:03:06	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC 1242			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:03 Calibration End Date: 03/02/2022 21:03 Calibration ID: 89426

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/11	14F0021115.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1242 Peak 1	0.0164					Ave		0.0164						20.0			
PCB-1242 Peak 2	0.0341					Ave		0.0341						20.0			
PCB-1242 Peak 3	0.0225					Ave		0.0225						20.0			
PCB-1242 Peak 4	0.0750					Ave		0.0750						20.0			
PCB-1242 Peak 5	0.0296					Ave		0.0296						20.0			
PCB-1242 Peak 6	0.0177					Ave		0.0177						20.0			
PCB-1242 Peak 7	0.0288					Ave		0.0288						20.0			
PCB-1242 Peak 8	0.0439					Ave		0.0439						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:03 Calibration End Date: 03/02/2022 21:03 Calibration ID: 89426

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/11	14F0021115.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	24649560					1000				
PCB-1242 Peak 2	BNB	Ave	51219442					1000				
PCB-1242 Peak 3	BNB	Ave	33746311					1000				
PCB-1242 Peak 4	BNB	Ave	112624711					1000				
PCB-1242 Peak 5	BNB	Ave	44485201					1000				
PCB-1242 Peak 6	BNB	Ave	26574146					1000				
PCB-1242 Peak 7	BNB	Ave	43224994					1000				
PCB-1242 Peak 8	BNB	Ave	65952550					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021115.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 21:03:06 ALS Bottle#: 14 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub4

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:20 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:10:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.754	1.754	0.000	19212383	20.0	20.0	
2	1.542	1.542	0.000	30032821	20.0	20.0	
						RPD = 0.00	
4 PCB-1242							M
1	3.401	3.401	0.000	14383011	1000.0	1000.0	
1	3.919	3.919	0.000	28893604	1000.0	1000.0	
1	4.497	4.497	0.000	59551872	1000.0	1000.0	M
1	4.668	4.668	0.000	23659797	1000.0	1000.0	M
1	4.797	4.797	0.000	14365483	1000.0	1000.0	M
1	5.418	5.418	0.000	21010315	1000.0	1000.0	M
1	5.763	5.763	0.000	19321620	1000.0	1000.0	M
1	5.822	5.822	0.000	21645187	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.653	2.653	0.000	24649560	1000.0	1000.0	
2	3.052	3.052	0.000	51219442	1000.0	1000.0	M
2	3.280	3.280	0.000	33746311	1000.0	1000.0	M
2	3.585	3.585	0.000	112624711	1000.0	1000.0	
2	3.737	3.737	0.000	44485201	1000.0	1000.0	
2	3.808	3.808	0.000	26574146	1000.0	1000.0	
2	4.220	4.220	0.000	43224994	1000.0	1000.0	M
2	4.722	4.722	0.000	65952550	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1242L4_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

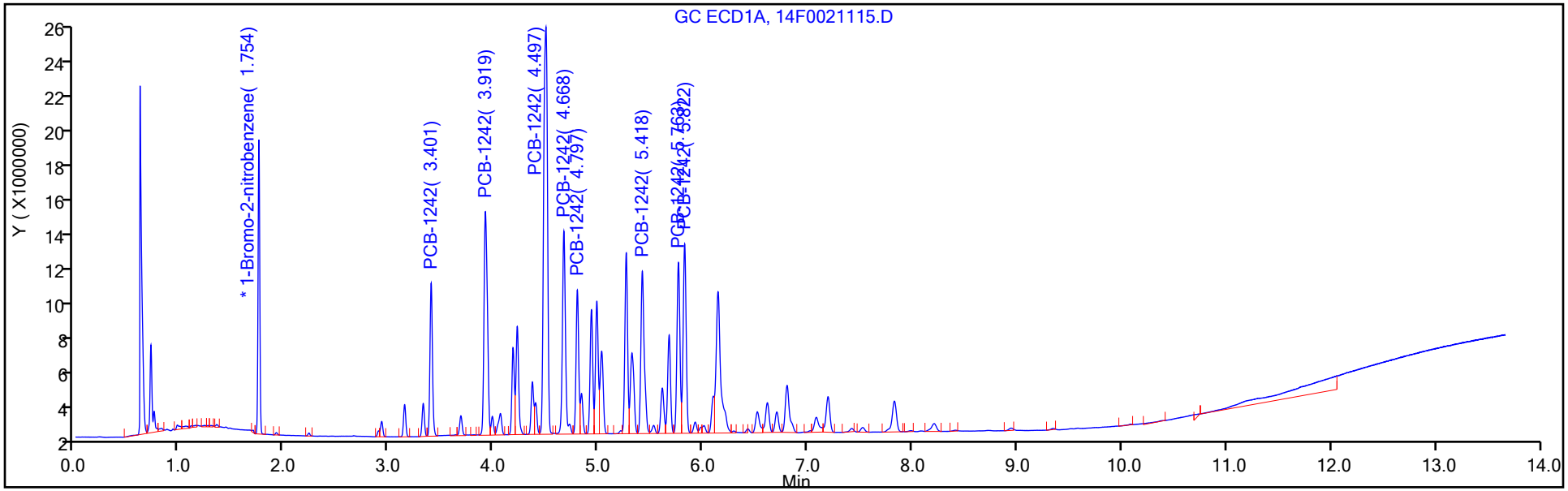
Report Date: 03-Mar-2022 11:14:20 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

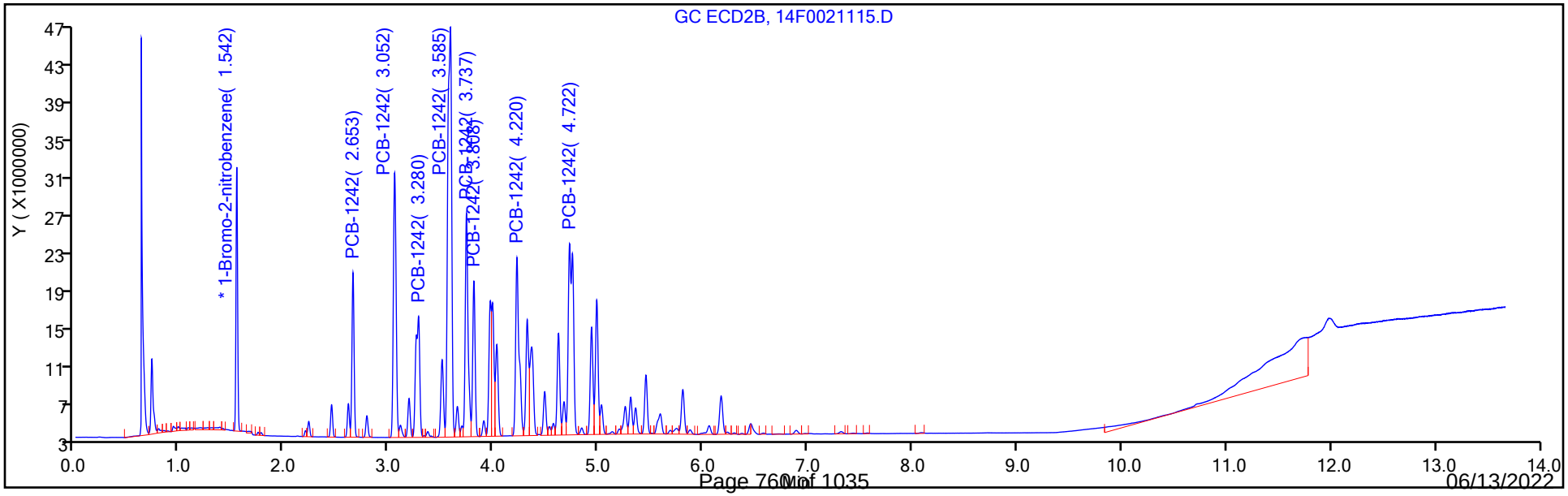
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021115.D

Injection Date:	02-Mar-2022 21:03:06	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC 1242			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:19 Calibration End Date: 03/02/2022 21:19 Calibration ID: 89431

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/12	14F0021116.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1248 Peak 1	0.0150					Ave		0.0150						20.0			
PCB-1248 Peak 2	0.0388					Ave		0.0388						20.0			
PCB-1248 Peak 3	0.0235					Ave		0.0235						20.0			
PCB-1248 Peak 4	0.0207					Ave		0.0207						20.0			
PCB-1248 Peak 5	0.0316					Ave		0.0316						20.0			
PCB-1248 Peak 6	0.0346					Ave		0.0346						20.0			
PCB-1248 Peak 7	0.0385					Ave		0.0385						20.0			
PCB-1248 Peak 8	0.0201					Ave		0.0201						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:19 Calibration End Date: 03/02/2022 21:19 Calibration ID: 89431

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/12	14F0021116.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	14202197					1000				
PCB-1248 Peak 2	BNB	Ave	36735757					1000				
PCB-1248 Peak 3	BNB	Ave	22260462					1000				
PCB-1248 Peak 4	BNB	Ave	19608703					1000				
PCB-1248 Peak 5	BNB	Ave	29958936					1000				
PCB-1248 Peak 6	BNB	Ave	32749376					1000				
PCB-1248 Peak 7	BNB	Ave	36475773					1000				
PCB-1248 Peak 8	BNB	Ave	19013007					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021116.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 21:19:40 ALS Bottle#: 15 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:23 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:14:50

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.755	1.755	0.000	18948803	20.0	20.0	
2	1.544	1.544	0.000	29730202	20.0	20.0	M
						RPD = 0.00	
6 PCB-1248							M
1	3.917	3.917	0.000	14202197	1000.0	1000.0	M
1	4.492	4.492	0.000	36735757	1000.0	1000.0	M
1	4.931	4.931	0.000	22260462	1000.0	1000.0	M
1	4.982	4.982	0.000	19608703	1000.0	1000.0	M
1	5.416	5.416	0.000	29958936	1000.0	1000.0	M
1	5.762	5.762	0.000	32749376	1000.0	1000.0	M
1	5.821	5.821	0.000	36475773	1000.0	1000.0	M
1	6.801	6.801	0.000	19013007	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	3.051	3.051	0.000	25629725	1000.0	1000.0	
2	3.569	3.569	0.000	68609200	1000.0	1000.0	
2	3.966	3.966	0.000	70553463	1000.0	1000.0	M
2	4.318	4.318	0.000	37081747	1000.0	1000.0	M
2	4.723	4.723	0.000	62056174	1000.0	1000.0	M
2	4.983	4.983	0.000	46339071	1000.0	1000.0	M
2	5.453	5.453	0.000	30706820	1000.0	1000.0	M
2	6.172	6.172	0.000	20291008	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1248L4_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

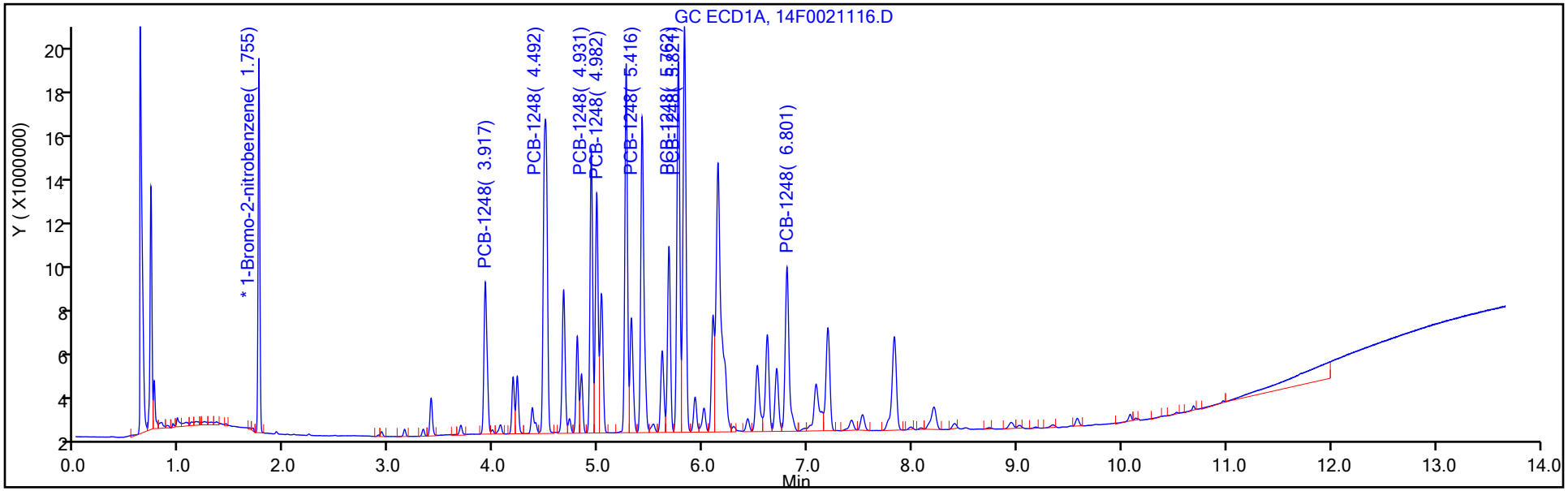
Report Date: 03-Mar-2022 11:14:23 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

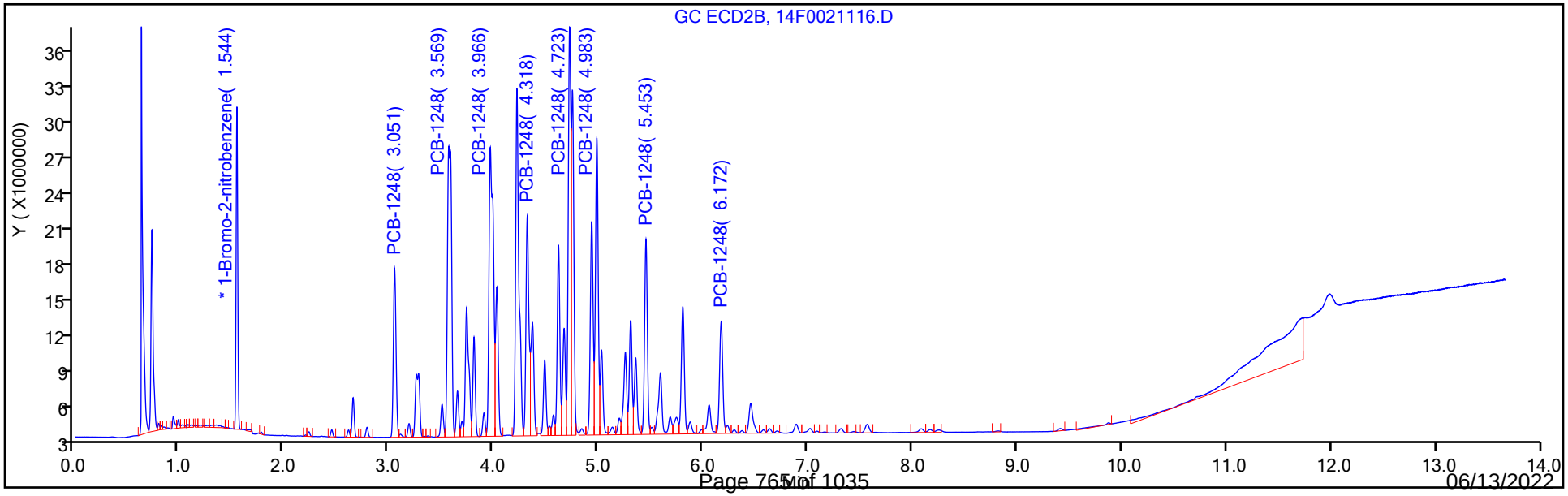
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021116.D

Injection Date:	02-Mar-2022 21:19:40	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC 1248			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:19 Calibration End Date: 03/02/2022 21:19 Calibration ID: 89432

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/12	14F0021116.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1248 Peak 1	0.0172					Ave		0.0172						20.0			
PCB-1248 Peak 2	0.0462					Ave		0.0462						20.0			
PCB-1248 Peak 3	0.0475					Ave		0.0475						20.0			
PCB-1248 Peak 4	0.0249					Ave		0.0249						20.0			
PCB-1248 Peak 5	0.0417					Ave		0.0417						20.0			
PCB-1248 Peak 6	0.0312					Ave		0.0312						20.0			
PCB-1248 Peak 7	0.0207					Ave		0.0207						20.0			
PCB-1248 Peak 8	0.0137					Ave		0.0137						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:19 Calibration End Date: 03/02/2022 21:19 Calibration ID: 89432

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/12	14F0021116.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	25629725					1000				
PCB-1248 Peak 2	BNB	Ave	68609200					1000				
PCB-1248 Peak 3	BNB	Ave	70553463					1000				
PCB-1248 Peak 4	BNB	Ave	37081747					1000				
PCB-1248 Peak 5	BNB	Ave	62056174					1000				
PCB-1248 Peak 6	BNB	Ave	46339071					1000				
PCB-1248 Peak 7	BNB	Ave	30706820					1000				
PCB-1248 Peak 8	BNB	Ave	20291008					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021116.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 21:19:40 ALS Bottle#: 15 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:23 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:14:50

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.755	1.755	0.000	18948803	20.0	20.0	
2	1.544	1.544	0.000	29730202	20.0	20.0	M
						RPD = 0.00	
6 PCB-1248							M
1	3.917	3.917	0.000	14202197	1000.0	1000.0	M
1	4.492	4.492	0.000	36735757	1000.0	1000.0	M
1	4.931	4.931	0.000	22260462	1000.0	1000.0	M
1	4.982	4.982	0.000	19608703	1000.0	1000.0	M
1	5.416	5.416	0.000	29958936	1000.0	1000.0	M
1	5.762	5.762	0.000	32749376	1000.0	1000.0	M
1	5.821	5.821	0.000	36475773	1000.0	1000.0	M
1	6.801	6.801	0.000	19013007	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	3.051	3.051	0.000	25629725	1000.0	1000.0	
2	3.569	3.569	0.000	68609200	1000.0	1000.0	
2	3.966	3.966	0.000	70553463	1000.0	1000.0	M
2	4.318	4.318	0.000	37081747	1000.0	1000.0	M
2	4.723	4.723	0.000	62056174	1000.0	1000.0	M
2	4.983	4.983	0.000	46339071	1000.0	1000.0	M
2	5.453	5.453	0.000	30706820	1000.0	1000.0	M
2	6.172	6.172	0.000	20291008	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1248L4_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

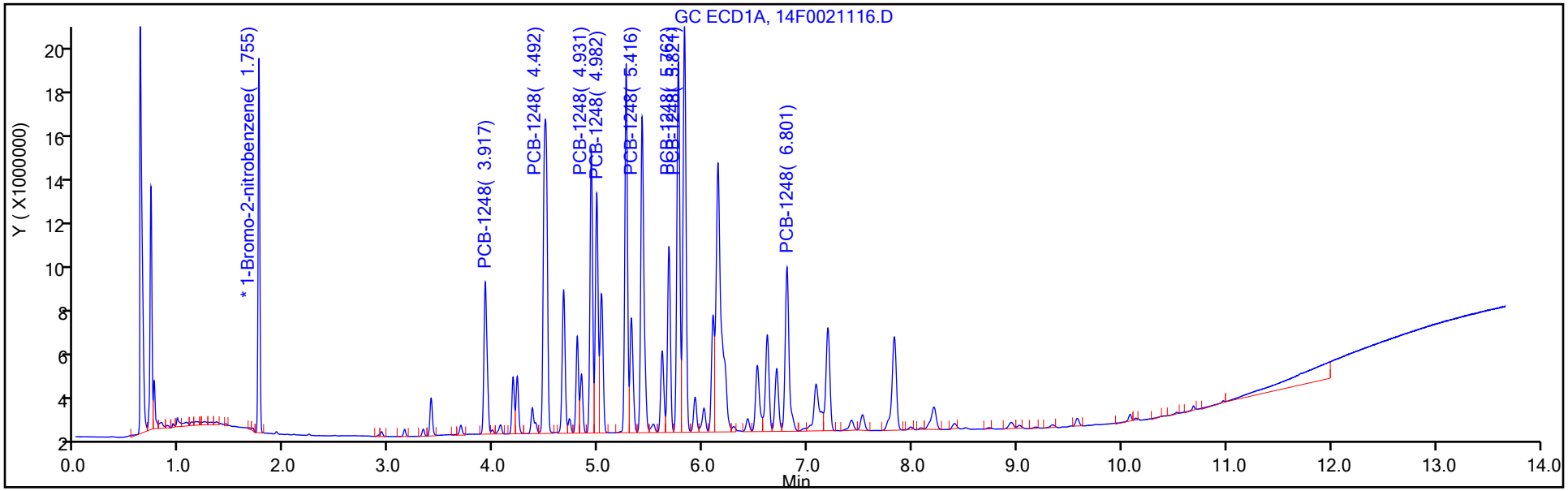
Report Date: 03-Mar-2022 11:14:24 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

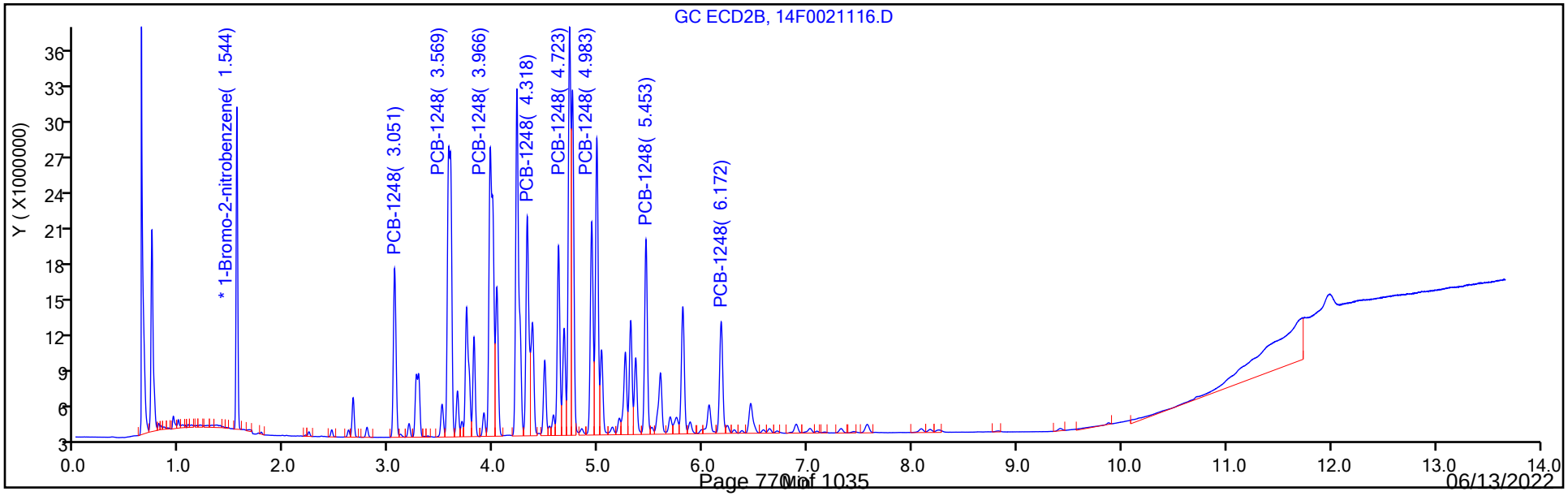
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021116.D

Injection Date:	02-Mar-2022 21:19:40	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC 1248			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:36 Calibration End Date: 03/02/2022 21:36 Calibration ID: 89437

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/13	14F0021117.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1254 Peak 1	0.0154					Ave		0.0154						20.0			
PCB-1254 Peak 2	0.0498					Ave		0.0498						20.0			
PCB-1254 Peak 3	0.0581					Ave		0.0581						20.0			
PCB-1254 Peak 4	0.0434					Ave		0.0434						20.0			
PCB-1254 Peak 5	0.0829					Ave		0.0829						20.0			
PCB-1254 Peak 6	0.0594					Ave		0.0594						20.0			
PCB-1254 Peak 7	0.0498					Ave		0.0498						20.0			
PCB-1254 Peak 8	0.0814					Ave		0.0814						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-257083-1 | Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 | GC Column: Rtx-CLP | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:36 | Calibration End Date: 03/02/2022 21:36 | Calibration ID: 89437

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/13	14F0021117.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	14958775					1000				
PCB-1254 Peak 2	BNB	Ave	48444090					1000				
PCB-1254 Peak 3	BNB	Ave	56460709					1000				
PCB-1254 Peak 4	BNB	Ave	42158564					1000				
PCB-1254 Peak 5	BNB	Ave	80551626					1000				
PCB-1254 Peak 6	BNB	Ave	57773724					1000				
PCB-1254 Peak 7	BNB	Ave	48421211					1000				
PCB-1254 Peak 8	BNB	Ave	79162981					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021117.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 21:36:14 ALS Bottle#: 16 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub6

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:26 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:16:31

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.754	1.754	0.000	19440099	20.0	20.0	
2	1.544	1.544	0.000	30591619	20.0	20.0	M
						RPD = 0.00	
7 PCB-1254							M
1	5.264	5.264	0.000	14958775	1000.0	1000.0	M
1	5.815	5.815	0.000	48444090	1000.0	1000.0	M
1	6.093	6.093	0.000	56460709	1000.0	1000.0	M
1	6.612	6.612	0.000	42158564	1000.0	1000.0	M
1	6.800	6.800	0.000	80551626	1000.0	1000.0	M
1	7.192	7.192	0.000	57773724	1000.0	1000.0	M
1	7.825	7.825	0.000	48421211	1000.0	1000.0	M
1	8.205	8.205	0.000	79162981	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	4.219	4.219	0.000	27561517	1000.0	1000.0	M
2	4.670	4.670	0.000	72705490	1000.0	1000.0	M
2	4.985	4.985	0.000	102645047	1000.0	1000.0	M
2	5.305	5.305	0.000	79777740	1000.0	1000.0	M
2	5.452	5.452	0.000	143360036	1000.0	1000.0	M
2	5.805	5.805	0.000	110712516	1000.0	1000.0	M
2	6.055	6.055	0.000	99922574	1000.0	1000.0	M
2	6.453	6.453	0.000	149506847	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1254L4_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 03-Mar-2022 11:14:26 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021117.D

Injection Date: 02-Mar-2022 21:36:14 Instrument ID: CPESTGC14 Operator ID:

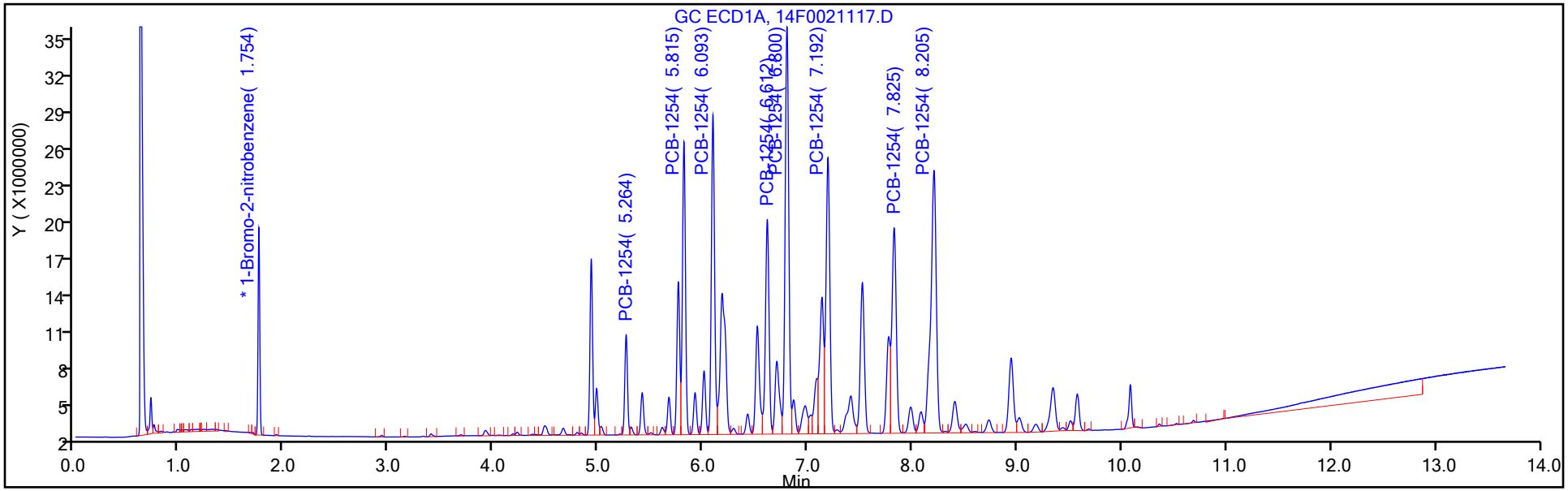
Lims ID: IC 1254 Worklist Smp#: 13

Client ID:

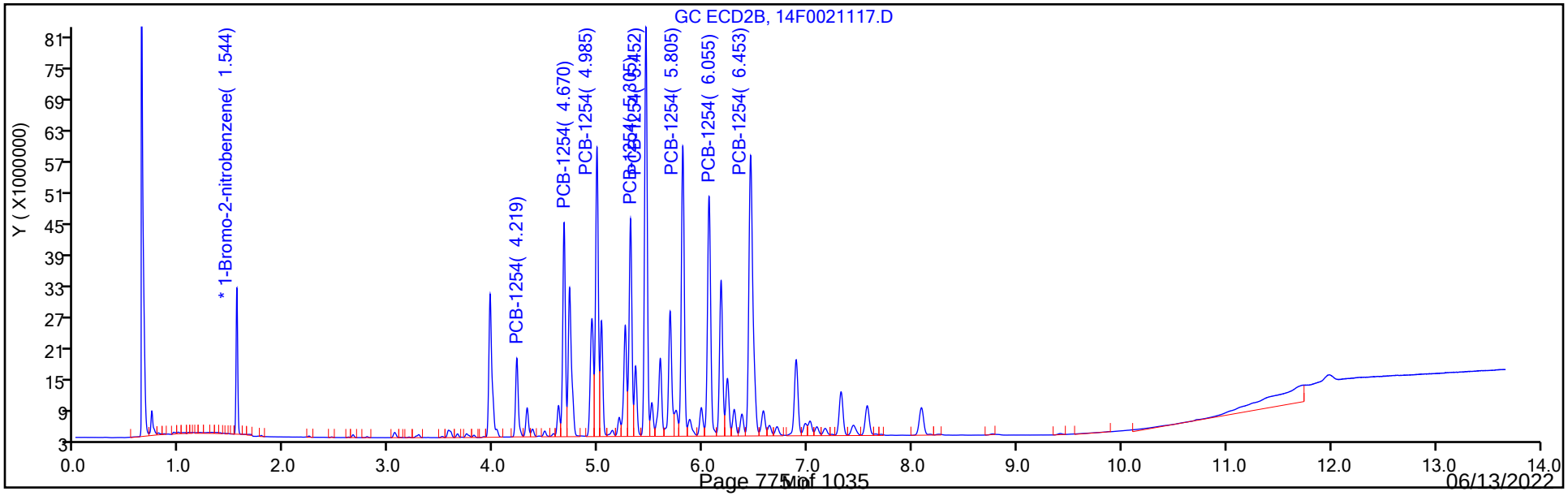
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 16

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:36 Calibration End Date: 03/02/2022 21:36 Calibration ID: 89438

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/13	14F0021117.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1254 Peak 1	0.0180					Ave		0.0180						20.0			
PCB-1254 Peak 2	0.0475					Ave		0.0475						20.0			
PCB-1254 Peak 3	0.0671					Ave		0.0671						20.0			
PCB-1254 Peak 4	0.0522					Ave		0.0522						20.0			
PCB-1254 Peak 5	0.0937					Ave		0.0937						20.0			
PCB-1254 Peak 6	0.0724					Ave		0.0724						20.0			
PCB-1254 Peak 7	0.0653					Ave		0.0653						20.0			
PCB-1254 Peak 8	0.0977					Ave		0.0977						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:36 Calibration End Date: 03/02/2022 21:36 Calibration ID: 89438

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/13	14F0021117.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	27561517					1000				
PCB-1254 Peak 2	BNB	Ave	72705490					1000				
PCB-1254 Peak 3	BNB	Ave	102645047					1000				
PCB-1254 Peak 4	BNB	Ave	79777740					1000				
PCB-1254 Peak 5	BNB	Ave	143360036					1000				
PCB-1254 Peak 6	BNB	Ave	110712516					1000				
PCB-1254 Peak 7	BNB	Ave	99922574					1000				
PCB-1254 Peak 8	BNB	Ave	149506847					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021117.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 21:36:14 ALS Bottle#: 16 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub6

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:26 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:16:31

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.754	1.754	0.000	19440099	20.0	20.0	
2	1.544	1.544	0.000	30591619	20.0	20.0	M
						RPD = 0.00	
7 PCB-1254							M
1	5.264	5.264	0.000	14958775	1000.0	1000.0	M
1	5.815	5.815	0.000	48444090	1000.0	1000.0	M
1	6.093	6.093	0.000	56460709	1000.0	1000.0	M
1	6.612	6.612	0.000	42158564	1000.0	1000.0	M
1	6.800	6.800	0.000	80551626	1000.0	1000.0	M
1	7.192	7.192	0.000	57773724	1000.0	1000.0	M
1	7.825	7.825	0.000	48421211	1000.0	1000.0	M
1	8.205	8.205	0.000	79162981	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	4.219	4.219	0.000	27561517	1000.0	1000.0	M
2	4.670	4.670	0.000	72705490	1000.0	1000.0	M
2	4.985	4.985	0.000	102645047	1000.0	1000.0	M
2	5.305	5.305	0.000	79777740	1000.0	1000.0	M
2	5.452	5.452	0.000	143360036	1000.0	1000.0	M
2	5.805	5.805	0.000	110712516	1000.0	1000.0	M
2	6.055	6.055	0.000	99922574	1000.0	1000.0	M
2	6.453	6.453	0.000	149506847	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1254L4_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

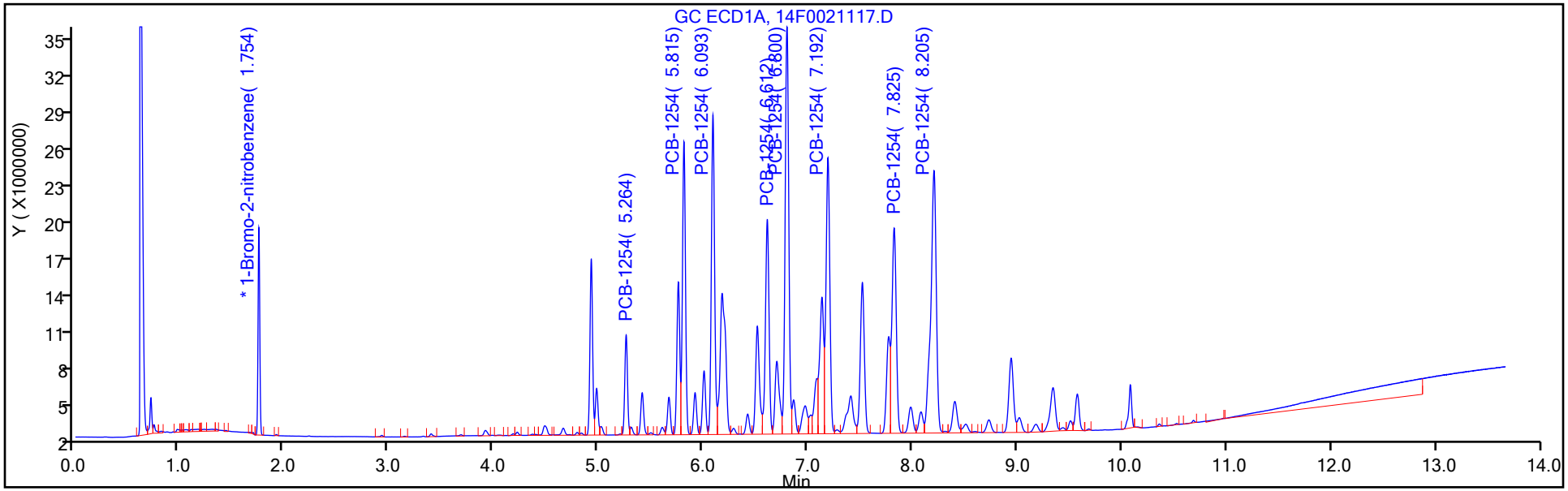
Report Date: 03-Mar-2022 11:14:27 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

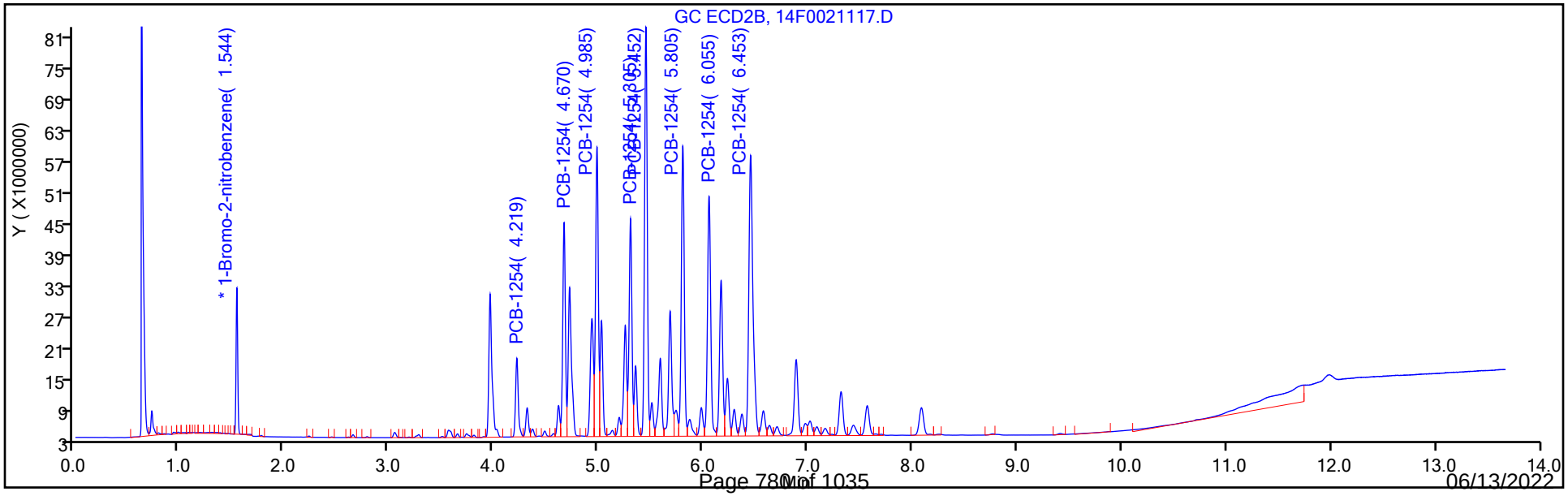
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021117.D

Injection Date:	02-Mar-2022 21:36:14	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC 1254			Worklist Smp#:	13
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:52 Calibration End Date: 03/02/2022 21:52 Calibration ID: 89443

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/14	14F0021118.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1262 Peak 1	0.0332					Ave		0.0332						20.0			
PCB-1262 Peak 2	0.0386					Ave		0.0386						20.0			
PCB-1262 Peak 3	0.0546					Ave		0.0546						20.0			
PCB-1262 Peak 4	0.0504					Ave		0.0504						20.0			
PCB-1262 Peak 5	0.0962					Ave		0.0962						20.0			
PCB-1262 Peak 6	0.0125					Ave		0.0125						20.0			
PCB-1262 Peak 7	0.0300					Ave		0.0300						20.0			
PCB-1262 Peak 8	0.0094					Ave		0.0094						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-257083-1 | Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 | GC Column: Rtx-CLP | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:52 | Calibration End Date: 03/02/2022 21:52 | Calibration ID: 89443

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/14	14F0021118.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	31036046					1000				
PCB-1262 Peak 2	BNB	Ave	36039582					1000				
PCB-1262 Peak 3	BNB	Ave	51074315					1000				
PCB-1262 Peak 4	BNB	Ave	47074311					1000				
PCB-1262 Peak 5	BNB	Ave	89903863					1000				
PCB-1262 Peak 6	BNB	Ave	11684338					1000				
PCB-1262 Peak 7	BNB	Ave	27995608					1000				
PCB-1262 Peak 8	BNB	Ave	8766616					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021118.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 21:52:47 ALS Bottle#: 17 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:29 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:18:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.754	1.754	0.000	18693307	20.0	20.0	
2	1.543	1.543	0.000	29181028	20.0	20.0	
						RPD = 0.00	
9 PCB-1262							M
1	7.136	7.136	0.000	31036046	1000.0	1000.0	
1	7.521	7.521	0.000	36039582	1000.0	1000.0	
1	8.398	8.398	0.000	51074315	1000.0	1000.0	M
1	9.023	9.023	0.000	47074311	1000.0	1000.0	M
1	9.574	9.574	0.000	89903863	1000.0	1000.0	M
1	10.525	10.525	0.000	11684338	1000.0	1000.0	
1	10.688	10.688	0.000	27995608	1000.0	1000.0	
1	10.973	10.973	0.000	8766616	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	5.684	5.684	0.000	53809452	1000.0	1000.0	M
2	7.021	7.021	0.000	89679077	1000.0	1000.0	M
2	7.567	7.567	0.000	188703216	1000.0	1000.0	M
2	8.084	8.084	0.000	64344561	1000.0	1000.0	
2	8.250	8.250	0.000	77576192	1000.0	1000.0	
2	8.818	8.818	0.000	29063526	1000.0	1000.0	
2	9.412	9.412	0.000	64333898	1000.0	1000.0	M
2	9.873	9.873	0.000	20948907	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1262L4_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

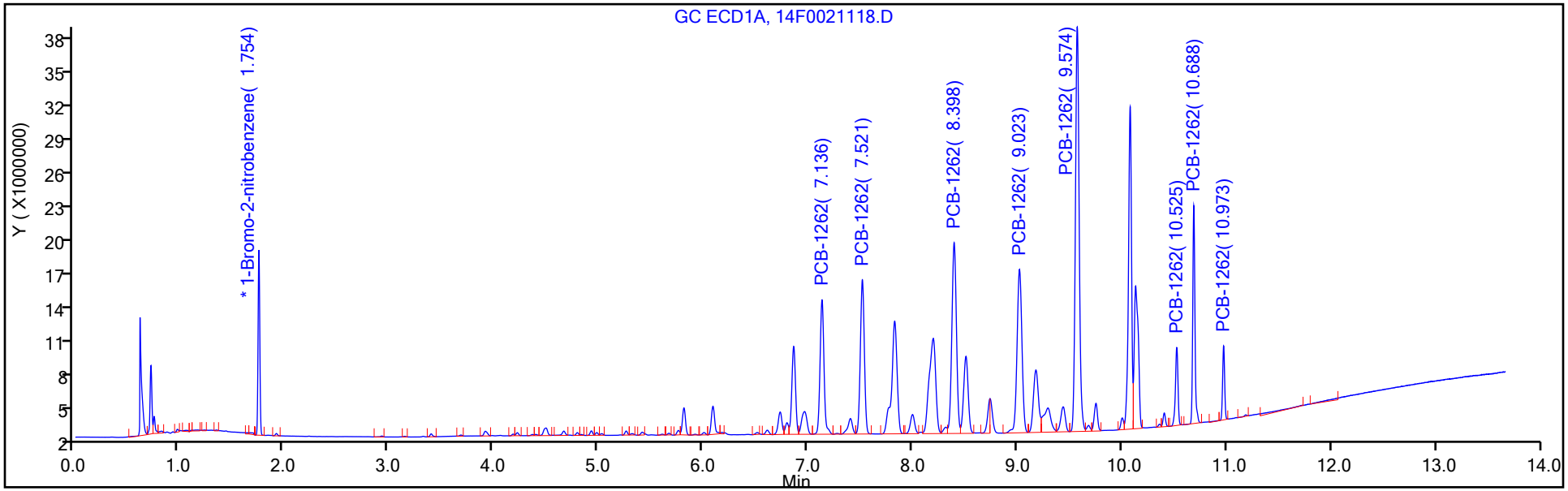
Report Date: 03-Mar-2022 11:14:29 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

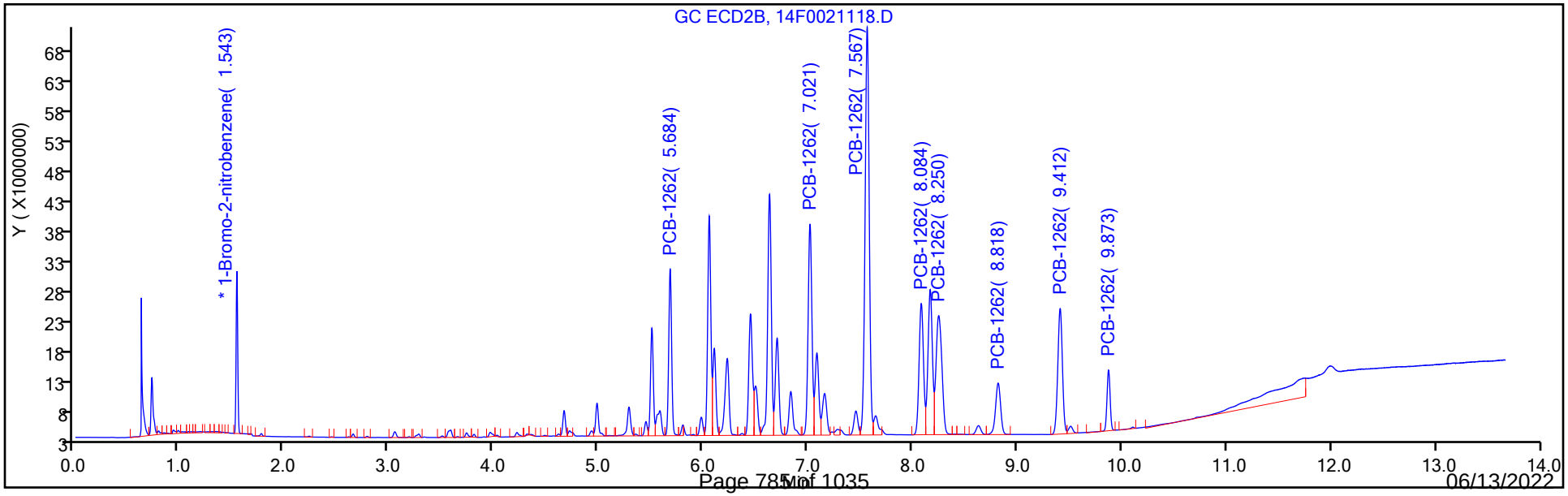
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021118.D

Injection Date:	02-Mar-2022 21:52:47	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC 1262			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:52 Calibration End Date: 03/02/2022 21:52 Calibration ID: 89444

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/14	14F0021118.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1262 Peak 1	0.0369					Ave		0.0369						20.0			
PCB-1262 Peak 2	0.0615					Ave		0.0615						20.0			
PCB-1262 Peak 3	0.1293					Ave		0.1293						20.0			
PCB-1262 Peak 4	0.0441					Ave		0.0441						20.0			
PCB-1262 Peak 5	0.0532					Ave		0.0532						20.0			
PCB-1262 Peak 6	0.0199					Ave		0.0199						20.0			
PCB-1262 Peak 7	0.0441					Ave		0.0441						20.0			
PCB-1262 Peak 8	0.0144					Ave		0.0144						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-257083-1 | Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 | GC Column: CLP-2 | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 21:52 | Calibration End Date: 03/02/2022 21:52 | Calibration ID: 89444

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/14	14F0021118.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	53809452					1000				
PCB-1262 Peak 2	BNB	Ave	89679077					1000				
PCB-1262 Peak 3	BNB	Ave	188703216					1000				
PCB-1262 Peak 4	BNB	Ave	64344561					1000				
PCB-1262 Peak 5	BNB	Ave	77576192					1000				
PCB-1262 Peak 6	BNB	Ave	29063526					1000				
PCB-1262 Peak 7	BNB	Ave	64333898					1000				
PCB-1262 Peak 8	BNB	Ave	20948907					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021118.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 21:52:47 ALS Bottle#: 17 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:29 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:18:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.754	1.754	0.000	18693307	20.0	20.0	
2	1.543	1.543	0.000	29181028	20.0	20.0	
						RPD = 0.00	
9 PCB-1262							M
1	7.136	7.136	0.000	31036046	1000.0	1000.0	
1	7.521	7.521	0.000	36039582	1000.0	1000.0	
1	8.398	8.398	0.000	51074315	1000.0	1000.0	M
1	9.023	9.023	0.000	47074311	1000.0	1000.0	M
1	9.574	9.574	0.000	89903863	1000.0	1000.0	M
1	10.525	10.525	0.000	11684338	1000.0	1000.0	
1	10.688	10.688	0.000	27995608	1000.0	1000.0	
1	10.973	10.973	0.000	8766616	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	5.684	5.684	0.000	53809452	1000.0	1000.0	M
2	7.021	7.021	0.000	89679077	1000.0	1000.0	M
2	7.567	7.567	0.000	188703216	1000.0	1000.0	M
2	8.084	8.084	0.000	64344561	1000.0	1000.0	
2	8.250	8.250	0.000	77576192	1000.0	1000.0	
2	8.818	8.818	0.000	29063526	1000.0	1000.0	
2	9.412	9.412	0.000	64333898	1000.0	1000.0	M
2	9.873	9.873	0.000	20948907	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1262L4_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

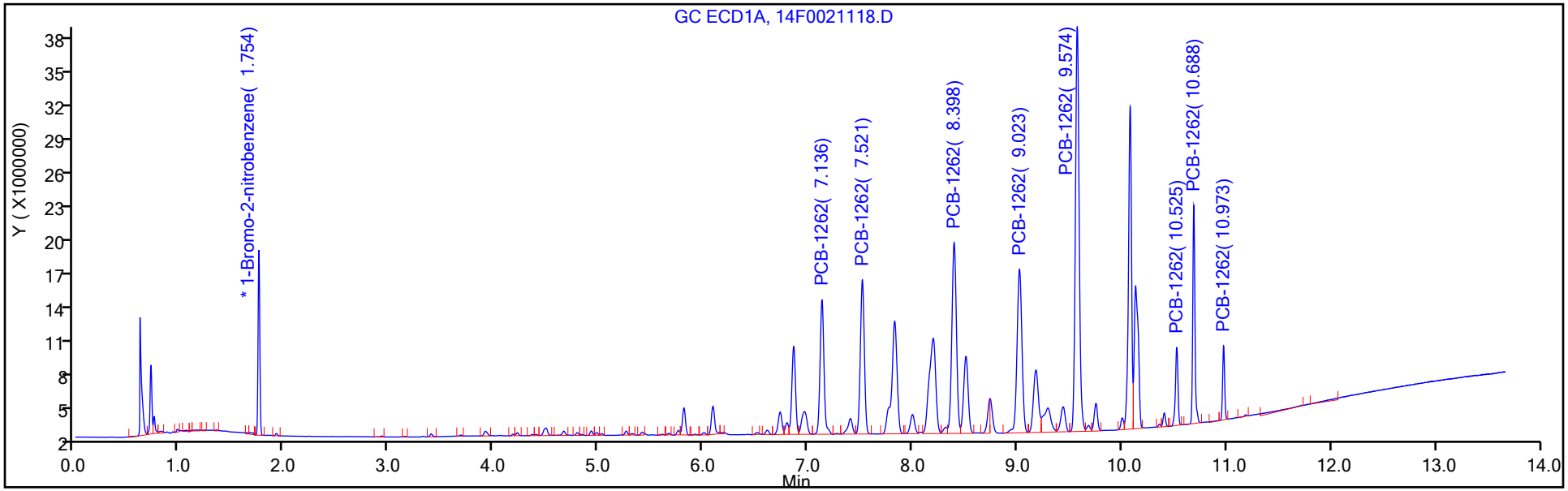
Report Date: 03-Mar-2022 11:14:30 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

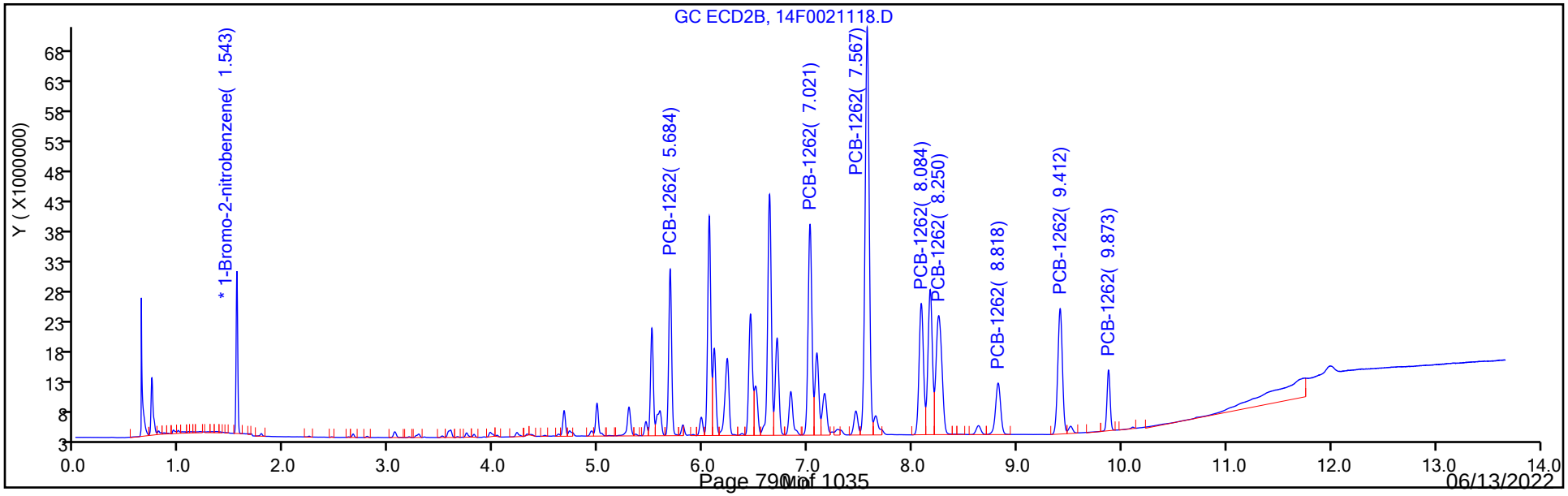
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021118.D

Injection Date:	02-Mar-2022 21:52:47	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC 1262			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 22:09 Calibration End Date: 03/02/2022 22:09 Calibration ID: 89449

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/15	14F0021119.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1268 Peak 1	0.0213					Ave		0.0213						20.0			
PCB-1268 Peak 2	0.0272					Ave		0.0272						20.0			
PCB-1268 Peak 3	0.1058					Ave		0.1058						20.0			
PCB-1268 Peak 4	0.0976					Ave		0.0976						20.0			
PCB-1268 Peak 5	0.0798					Ave		0.0798						20.0			
PCB-1268 Peak 6	0.0211					Ave		0.0211						20.0			
PCB-1268 Peak 7	0.0338					Ave		0.0338						20.0			
PCB-1268 Peak 8	0.2514					Ave		0.2514						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 22:09 Calibration End Date: 03/02/2022 22:09 Calibration ID: 89449

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/15	14F0021119.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	20229684					1000				
PCB-1268 Peak 2	BNB	Ave	25862961					1000				
PCB-1268 Peak 3	BNB	Ave	100460690					1000				
PCB-1268 Peak 4	BNB	Ave	92695290					1000				
PCB-1268 Peak 5	BNB	Ave	75786385					1000				
PCB-1268 Peak 6	BNB	Ave	20029429					1000				
PCB-1268 Peak 7	BNB	Ave	32074304					1000				
PCB-1268 Peak 8	BNB	Ave	238783501					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021119.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 22:09:27 ALS Bottle#: 18 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub8

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:32 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:21:20

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.754	1.754	0.000	18998548	20.0	20.0	
2	1.543	1.543	0.000	29676379	20.0	20.0	M
						RPD = 0.00	
10 PCB-1268							M
1	8.397	8.397	0.000	20229684	1000.0	1000.0	
1	9.031	9.031	0.000	25862961	1000.0	1000.0	
1	10.077	10.077	0.000	100460690	1000.0	1000.0	M
1	10.129	10.129	0.000	92695290	1000.0	1000.0	M
1	10.406	10.406	0.000	75786385	1000.0	1000.0	M
1	10.505	10.505	0.000	20029429	1000.0	1000.0	M
1	10.689	10.689	0.000	32074304	1000.0	1000.0	M
1	10.973	10.973	0.000	238783501	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	6.633	6.633	0.000	37597364	1000.0	1000.0	M
2	7.013	7.013	0.000	49199743	1000.0	1000.0	M
2	8.168	8.168	0.000	227304194	1000.0	1000.0	M
2	8.241	8.241	0.000	210534452	1000.0	1000.0	M
2	8.630	8.630	0.000	179934203	1000.0	1000.0	M
2	8.806	8.806	0.000	49041162	1000.0	1000.0	M
2	9.412	9.412	0.000	77197936	1000.0	1000.0	M
2	9.873	9.873	0.000	559379540	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1268L4_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

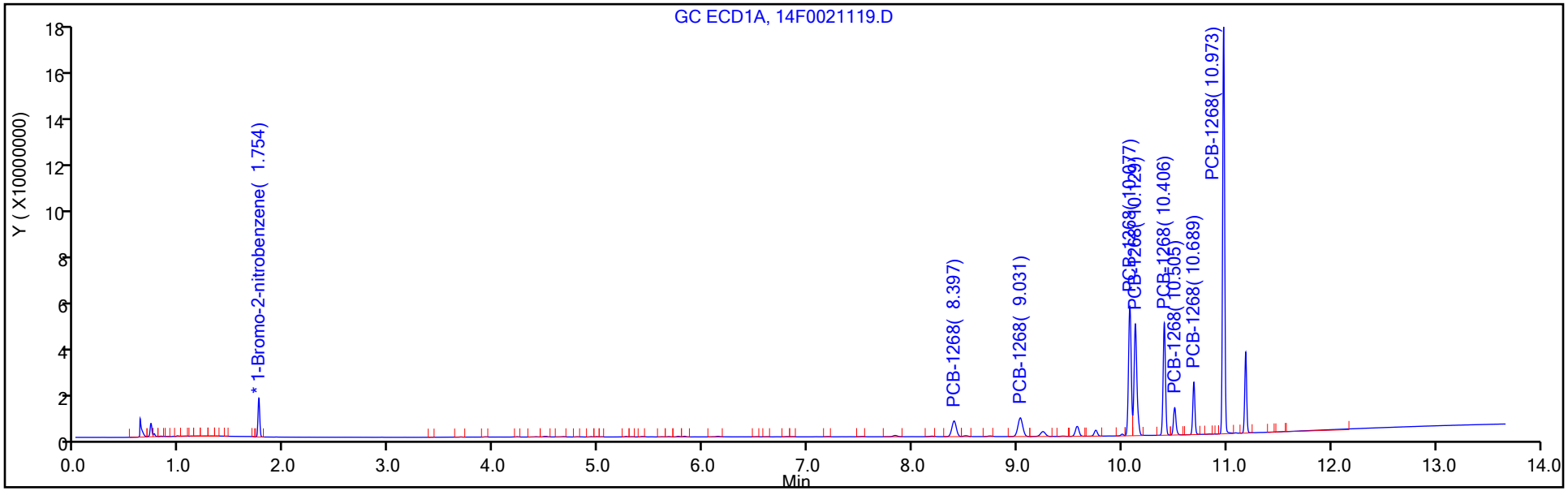
Report Date: 03-Mar-2022 11:14:33 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

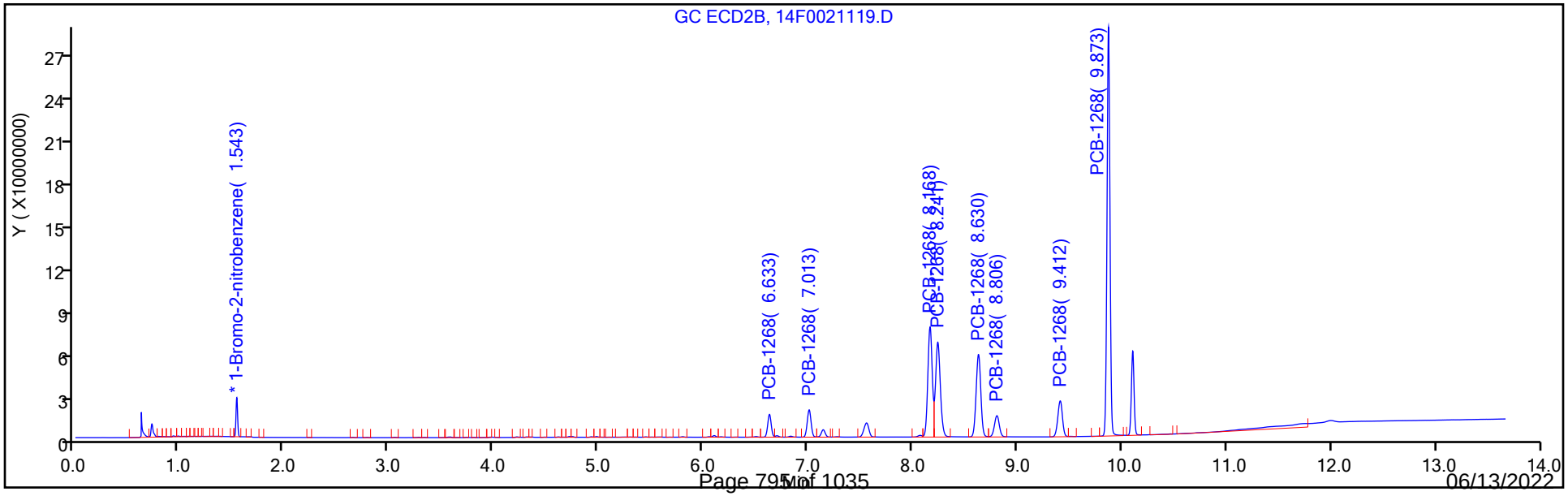
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021119.D

Injection Date:	02-Mar-2022 22:09:27	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC 1268			Worklist Smp#:	15
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 22:09 Calibration End Date: 03/02/2022 22:09 Calibration ID: 89450

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/15	14F0021119.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1268 Peak 1	0.0253					Ave		0.0253						20.0			
PCB-1268 Peak 2	0.0332					Ave		0.0332						20.0			
PCB-1268 Peak 3	0.1532					Ave		0.1532						20.0			
PCB-1268 Peak 4	0.1419					Ave		0.1419						20.0			
PCB-1268 Peak 5	0.1213					Ave		0.1213						20.0			
PCB-1268 Peak 6	0.0331					Ave		0.0331						20.0			
PCB-1268 Peak 7	0.0520					Ave		0.0520						20.0			
PCB-1268 Peak 8	0.3770					Ave		0.3770						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-257083-1 Analy Batch No.: 831251

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2022 22:09 Calibration End Date: 03/02/2022 22:09 Calibration ID: 89450

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-831251/15	14F0021119.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	37597364					1000				
PCB-1268 Peak 2	BNB	Ave	49199743					1000				
PCB-1268 Peak 3	BNB	Ave	227304194					1000				
PCB-1268 Peak 4	BNB	Ave	210534452					1000				
PCB-1268 Peak 5	BNB	Ave	179934203					1000				
PCB-1268 Peak 6	BNB	Ave	49041162					1000				
PCB-1268 Peak 7	BNB	Ave	77197936					1000				
PCB-1268 Peak 8	BNB	Ave	559379540					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021119.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Mar-2022 22:09:27 ALS Bottle#: 18 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub8

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:14:32 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:21:20

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.754	1.754	0.000	18998548	20.0	20.0	
2	1.543	1.543	0.000	29676379	20.0	20.0	M
						RPD = 0.00	
10 PCB-1268							M
1	8.397	8.397	0.000	20229684	1000.0	1000.0	
1	9.031	9.031	0.000	25862961	1000.0	1000.0	
1	10.077	10.077	0.000	100460690	1000.0	1000.0	M
1	10.129	10.129	0.000	92695290	1000.0	1000.0	M
1	10.406	10.406	0.000	75786385	1000.0	1000.0	M
1	10.505	10.505	0.000	20029429	1000.0	1000.0	M
1	10.689	10.689	0.000	32074304	1000.0	1000.0	M
1	10.973	10.973	0.000	238783501	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	6.633	6.633	0.000	37597364	1000.0	1000.0	M
2	7.013	7.013	0.000	49199743	1000.0	1000.0	M
2	8.168	8.168	0.000	227304194	1000.0	1000.0	M
2	8.241	8.241	0.000	210534452	1000.0	1000.0	M
2	8.630	8.630	0.000	179934203	1000.0	1000.0	M
2	8.806	8.806	0.000	49041162	1000.0	1000.0	M
2	9.412	9.412	0.000	77197936	1000.0	1000.0	M
2	9.873	9.873	0.000	559379540	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1268L4_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00024	Amount Added:	20.00	Units: uL	Run Reagent

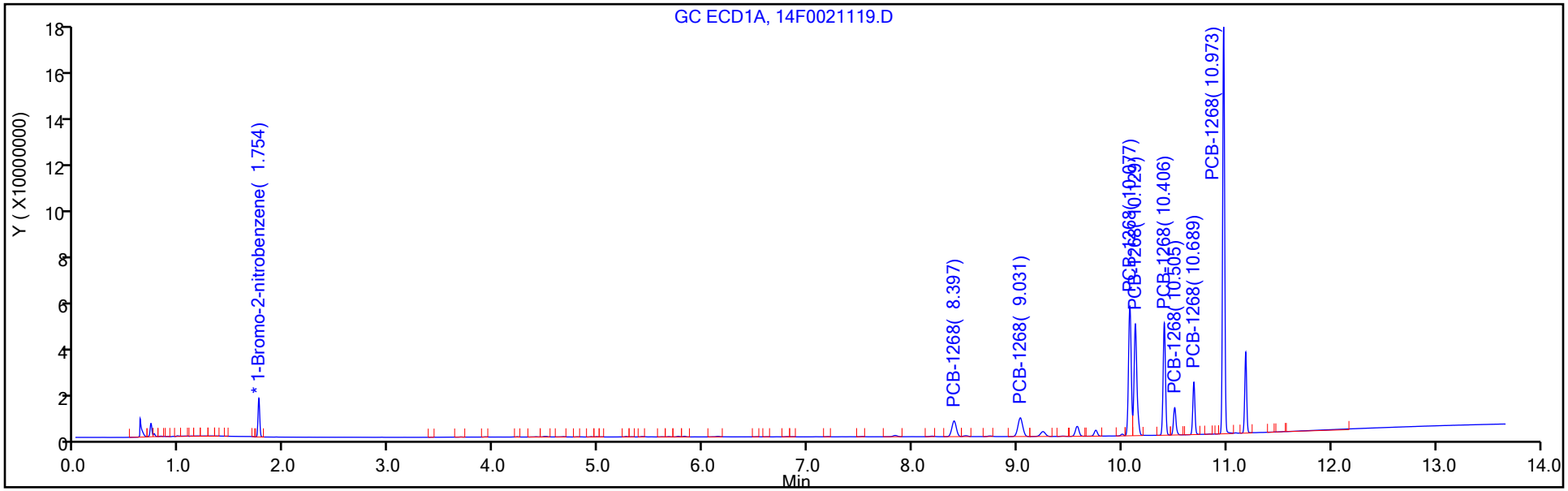
Report Date: 03-Mar-2022 11:14:33 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

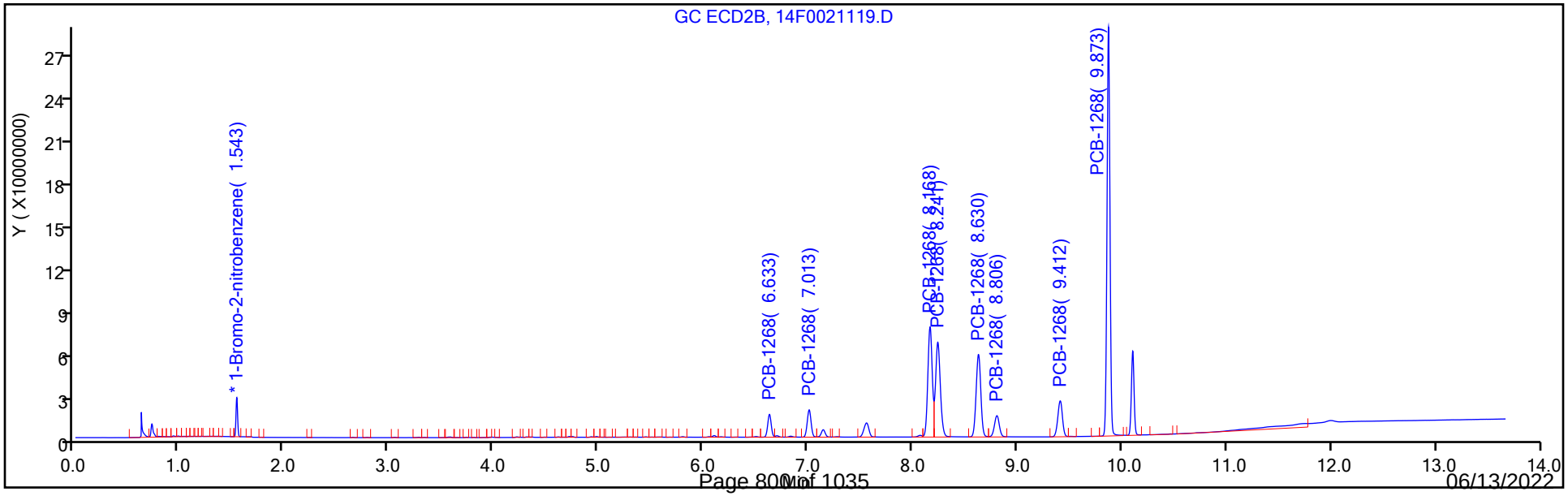
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021119.D

Injection Date:	02-Mar-2022 22:09:27	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	IC 1268			Worklist Smp#:	15
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICV 460-831251/18 Calibration Date: 03/03/2022 10:23

Instrument ID: CPESTGC14 Calib Start Date: 03/02/2022 18:33

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 03/03/2022 10:07

Lab File ID: 14F0021122.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0185	0.0189		1020	1000	2.0	20.0
PCB-1016 Peak 2	Ave	0.0391	0.0410		1050	1000	4.8	20.0
PCB-1016 Peak 3	Ave	0.0825	0.0862		1050	1000	4.6	20.0
PCB-1016 Peak 4	Ave	0.0318	0.0327		1030	1000	2.8	20.0
PCB-1016 Peak 5	Ave	0.0197	0.0207		1050	1000	5.2	20.0
PCB-1016 Peak 6	Ave	0.0252	0.0264		1050	1000	4.7	20.0
PCB-1016 Peak 7	Ave	0.0247	0.0257		1040	1000	4.1	20.0
PCB-1016 Peak 8	Ave	0.0165	0.0177		1070	1000	7.3	20.0
PCB-1260 Peak 1	Ave	0.0207	0.0222		1070	1000	7.3	20.0
PCB-1260 Peak 2	Ave	0.0468	0.0508		1090	1000	8.7	20.0
PCB-1260 Peak 3	Ave	0.0529	0.0565		1070	1000	6.8	20.0
PCB-1260 Peak 4	Ave	0.0409	0.0437		1070	1000	6.7	20.0
PCB-1260 Peak 5	Ave	0.0422	0.0449		1070	1000	6.5	20.0
PCB-1260 Peak 6	Ave	0.0929	0.0988		1060	1000	6.4	20.0
PCB-1260 Peak 7	Ave	0.0608	0.0635		1040	1000	4.5	20.0
PCB-1260 Peak 8	Ave	0.0243	0.0253		1040	1000	4.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICV 460-831251/18 Calibration Date: 03/03/2022 10:23

Instrument ID: CPESTGC14 Calib Start Date: 03/02/2022 18:33

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 03/03/2022 10:07

Lab File ID: 14F0021122.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.40	3.37	3.43
PCB-1016 Peak 2	3.91	3.85	3.99
PCB-1016 Peak 3	4.49	4.43	4.57
PCB-1016 Peak 4	4.66	4.60	4.74
PCB-1016 Peak 5	4.79	4.73	4.87
PCB-1016 Peak 6	5.26	5.19	5.33
PCB-1016 Peak 7	5.41	5.35	5.49
PCB-1016 Peak 8	5.81	5.74	5.88
PCB-1260 Peak 1	6.86	6.83	6.89
PCB-1260 Peak 2	7.13	7.06	7.20
PCB-1260 Peak 3	7.51	7.45	7.59
PCB-1260 Peak 4	8.39	8.33	8.47
PCB-1260 Peak 5	9.01	8.95	9.09
PCB-1260 Peak 6	9.57	9.50	9.64
PCB-1260 Peak 7	10.08	10.01	10.15
PCB-1260 Peak 8	10.68	10.62	10.76

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021122.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 03-Mar-2022 10:23:57 ALS Bottle#: 3 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:15:15 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:40:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.751	1.754	-0.003	16706788	20.0	20.0	
2	1.541	1.543	-0.002	27335363	20.0	20.0	
						RPD = 0.00	
5 PCB-1016							M
1	3.395	3.399	-0.004	15762681	1000.0	1020.3	
1	3.914	3.917	-0.003	34256030	1000.0	1048.2	
1	4.492	4.495	-0.003	72035623	1000.0	1045.9	
1	4.663	4.667	-0.004	27280350	1000.0	1027.7	
1	4.792	4.795	-0.003	17298101	1000.0	1052.5	
1	5.258	5.262	-0.004	22079221	1000.0	1047.3	
1	5.412	5.416	-0.004	21494587	1000.0	1040.6	
1	5.810	5.814	-0.004	14790729	1000.0	1072.8	
		Average of Peak Amounts =				1044.4	
2	2.650	2.653	-0.003	28529484	1000.0	967.8	
2	3.047	3.049	-0.002	62956350	1000.0	1046.0	
2	3.276	3.278	-0.002	41555254	1000.0	1049.4	M
2	3.581	3.583	-0.002	141424758	1000.0	1071.1	
2	3.734	3.736	-0.002	55750863	1000.0	1065.2	
2	3.805	3.807	-0.002	33259960	1000.0	1071.7	
2	4.215	4.218	-0.003	52887209	1000.0	1032.8	M
2	4.666	4.668	-0.002	22242594	1000.0	1065.5	M
		Average of Peak Amounts =				1046.2	
						RPD = 0.17	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.857	6.863	-0.006	18562889	1000.0	1072.7	
1	7.127	7.134	-0.007	42460196	1000.0	1086.7	
1	7.513	7.518	-0.005	47226866	1000.0	1068.4	
1	8.391	8.395	-0.004	36490527	1000.0	1067.1	
1	9.013	9.020	-0.007	37513415	1000.0	1065.4	
1	9.568	9.572	-0.004	82543934	1000.0	1063.6	
1	10.076	10.082	-0.006	53023212	1000.0	1044.6	
1	10.682	10.693	-0.011	21098443	1000.0	1041.5	
		Average of Peak Amounts =				1063.8	
2	5.679	5.681	-0.002	72365228	1000.0	1076.3	
2	6.447	6.450	-0.003	128294838	1000.0	1095.2	
2	6.627	6.631	-0.004	70106400	1000.0	1084.5	
2	7.014	7.018	-0.004	76800367	1000.0	1083.5	
2	7.560	7.564	-0.004	176205468	1000.0	1087.5	
2	8.077	8.081	-0.004	88730341	1000.0	1088.7	
2	8.243	8.249	-0.006	52397393	1000.0	1088.2	
2	9.404	9.408	-0.004	51564458	1000.0	1078.0	M
		Average of Peak Amounts =				1085.2	
						RPD = 2.00	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPCBICV_00030	Amount Added: 1.00	Units: mL	
SGPCBISTD_00024	Amount Added: 20.00	Units: uL	Run Reagent

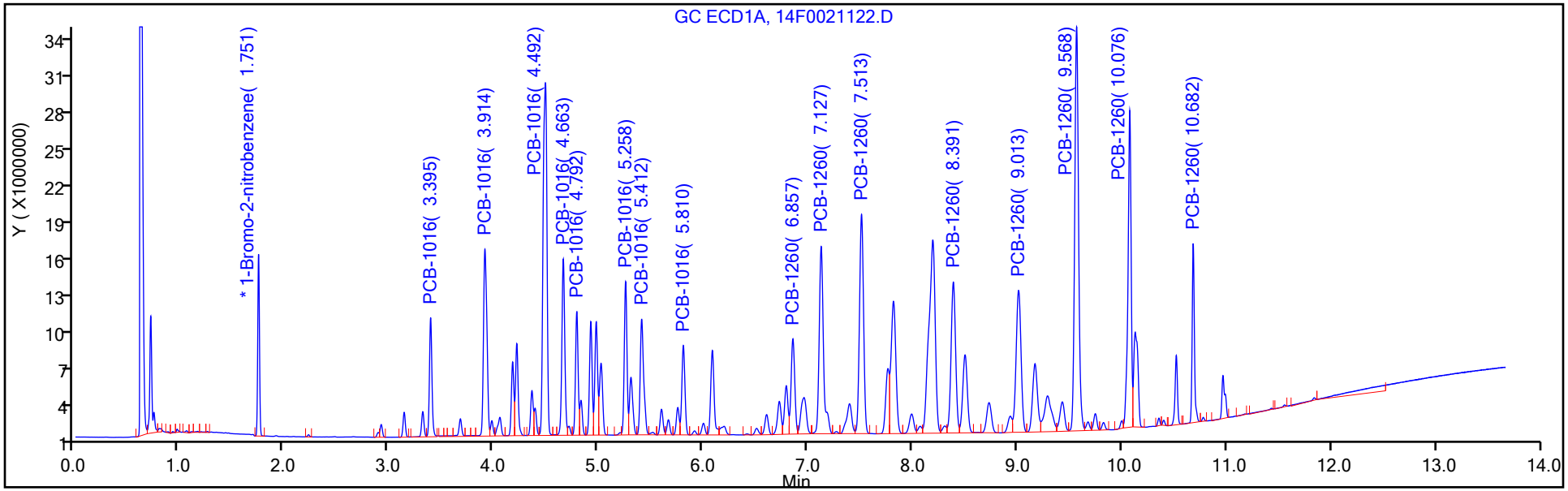
Report Date: 03-Mar-2022 11:15:28 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

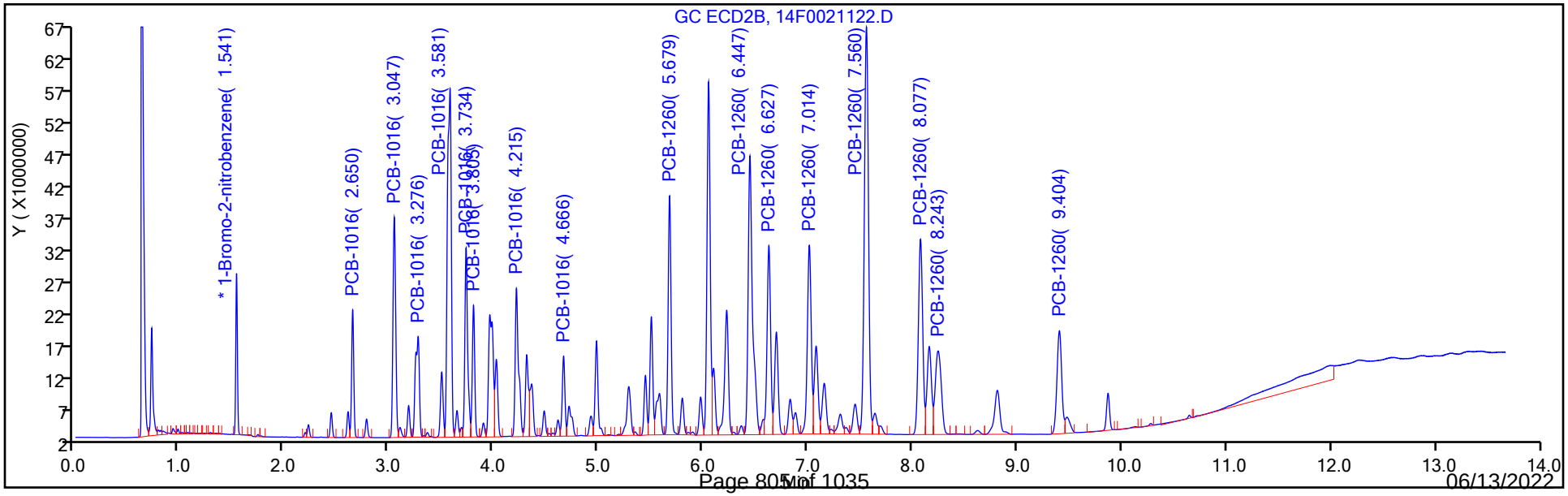
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021122.D

Injection Date:	03-Mar-2022 10:23:57	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	ICV			Worklist Smp#:	18
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICV 460-831251/18 Calibration Date: 03/03/2022 10:23

Instrument ID: CPESTGC14 Calib Start Date: 03/02/2022 18:33

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/03/2022 10:07

Lab File ID: 14F0021122.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0216	0.0209		968	1000	-3.2	20.0
PCB-1016 Peak 2	Ave	0.0440	0.0461		1050	1000	4.6	20.0
PCB-1016 Peak 3	Ave	0.0290	0.0304		1050	1000	4.9	20.0
PCB-1016 Peak 4	Ave	0.0966	0.1035		1070	1000	7.1	20.0
PCB-1016 Peak 5	Ave	0.0383	0.0408		1070	1000	6.5	20.0
PCB-1016 Peak 6	Ave	0.0227	0.0243		1070	1000	7.2	20.0
PCB-1016 Peak 7	Ave	0.0375	0.0387		1030	1000	3.3	20.0
PCB-1016 Peak 8	Ave	0.0153	0.0163		1070	1000	6.5	20.0
PCB-1260 Peak 1	Ave	0.0492	0.0529		1080	1000	7.6	20.0
PCB-1260 Peak 2	Ave	0.0857	0.0939		1100	1000	9.5	20.0
PCB-1260 Peak 3	Ave	0.0473	0.0513		1080	1000	8.4	20.0
PCB-1260 Peak 4	Ave	0.0519	0.0562		1080	1000	8.3	20.0
PCB-1260 Peak 5	Ave	0.1185	0.1289		1090	1000	8.8	20.0
PCB-1260 Peak 6	Ave	0.0596	0.0649		1090	1000	8.9	20.0
PCB-1260 Peak 7	Ave	0.0352	0.0383		1090	1000	8.8	20.0
PCB-1260 Peak 8	Ave	0.0350	0.0377		1080	1000	7.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICV 460-831251/18 Calibration Date: 03/03/2022 10:23

Instrument ID: CPESTGC14 Calib Start Date: 03/02/2022 18:33

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/03/2022 10:07

Lab File ID: 14F0021122.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.65	2.58	2.72
PCB-1016 Peak 2	3.05	2.98	3.12
PCB-1016 Peak 3	3.28	3.21	3.35
PCB-1016 Peak 4	3.58	3.51	3.65
PCB-1016 Peak 5	3.73	3.67	3.81
PCB-1016 Peak 6	3.81	3.74	3.88
PCB-1016 Peak 7	4.22	4.15	4.29
PCB-1016 Peak 8	4.67	4.60	4.74
PCB-1260 Peak 1	5.68	5.61	5.75
PCB-1260 Peak 2	6.45	6.38	6.52
PCB-1260 Peak 3	6.63	6.56	6.70
PCB-1260 Peak 4	7.01	6.95	7.09
PCB-1260 Peak 5	7.56	7.49	7.63
PCB-1260 Peak 6	8.08	8.01	8.15
PCB-1260 Peak 7	8.24	8.18	8.32
PCB-1260 Peak 8	9.40	9.34	9.48

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021122.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 03-Mar-2022 10:23:57 ALS Bottle#: 3 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Mar-2022 11:15:15 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1684

First Level Reviewer: patelji Date: 03-Mar-2022 10:40:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.751	1.754	-0.003	16706788	20.0	20.0	
2	1.541	1.543	-0.002	27335363	20.0	20.0	
						RPD = 0.00	
5 PCB-1016							M
1	3.395	3.399	-0.004	15762681	1000.0	1020.3	
1	3.914	3.917	-0.003	34256030	1000.0	1048.2	
1	4.492	4.495	-0.003	72035623	1000.0	1045.9	
1	4.663	4.667	-0.004	27280350	1000.0	1027.7	
1	4.792	4.795	-0.003	17298101	1000.0	1052.5	
1	5.258	5.262	-0.004	22079221	1000.0	1047.3	
1	5.412	5.416	-0.004	21494587	1000.0	1040.6	
1	5.810	5.814	-0.004	14790729	1000.0	1072.8	
		Average of Peak Amounts =				1044.4	
2	2.650	2.653	-0.003	28529484	1000.0	967.8	
2	3.047	3.049	-0.002	62956350	1000.0	1046.0	
2	3.276	3.278	-0.002	41555254	1000.0	1049.4	M
2	3.581	3.583	-0.002	141424758	1000.0	1071.1	
2	3.734	3.736	-0.002	55750863	1000.0	1065.2	
2	3.805	3.807	-0.002	33259960	1000.0	1071.7	
2	4.215	4.218	-0.003	52887209	1000.0	1032.8	M
2	4.666	4.668	-0.002	22242594	1000.0	1065.5	M
		Average of Peak Amounts =				1046.2	
						RPD = 0.17	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.857	6.863	-0.006	18562889	1000.0	1072.7	
1	7.127	7.134	-0.007	42460196	1000.0	1086.7	
1	7.513	7.518	-0.005	47226866	1000.0	1068.4	
1	8.391	8.395	-0.004	36490527	1000.0	1067.1	
1	9.013	9.020	-0.007	37513415	1000.0	1065.4	
1	9.568	9.572	-0.004	82543934	1000.0	1063.6	
1	10.076	10.082	-0.006	53023212	1000.0	1044.6	
1	10.682	10.693	-0.011	21098443	1000.0	1041.5	
		Average of Peak Amounts =				1063.8	
2	5.679	5.681	-0.002	72365228	1000.0	1076.3	
2	6.447	6.450	-0.003	128294838	1000.0	1095.2	
2	6.627	6.631	-0.004	70106400	1000.0	1084.5	
2	7.014	7.018	-0.004	76800367	1000.0	1083.5	
2	7.560	7.564	-0.004	176205468	1000.0	1087.5	
2	8.077	8.081	-0.004	88730341	1000.0	1088.7	
2	8.243	8.249	-0.006	52397393	1000.0	1088.2	
2	9.404	9.408	-0.004	51564458	1000.0	1078.0	M
		Average of Peak Amounts =				1085.2	
						RPD = 2.00	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPCBICV_00030	Amount Added: 1.00	Units: mL	
SGPCBISTD_00024	Amount Added: 20.00	Units: uL	Run Reagent

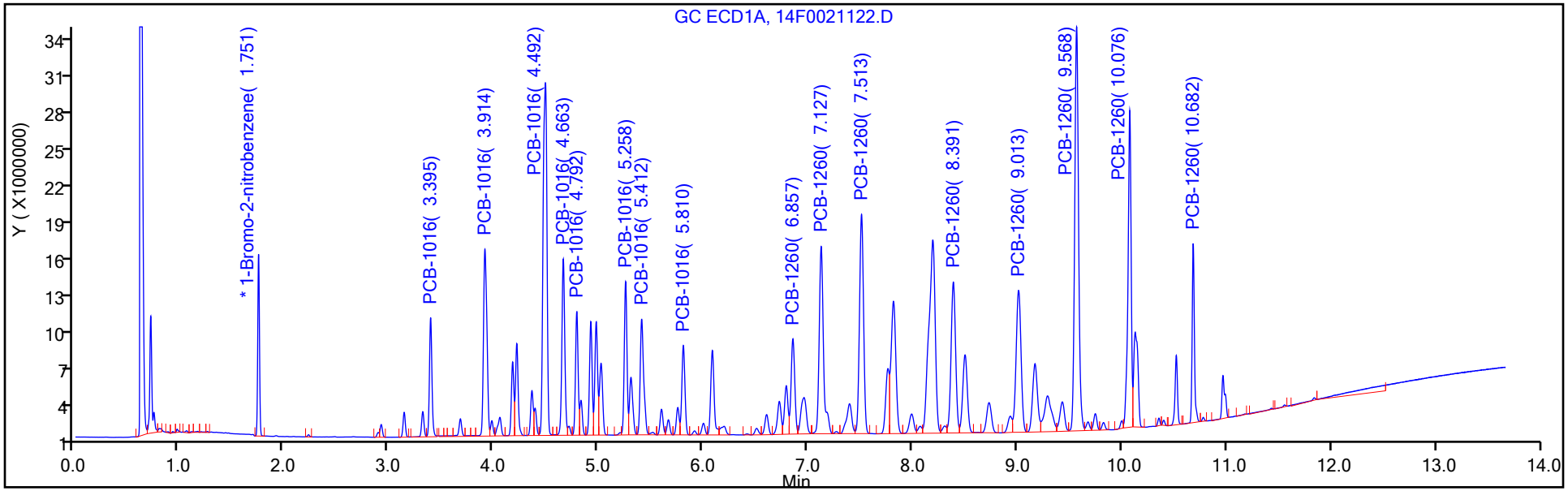
Report Date: 03-Mar-2022 11:15:28 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Edison

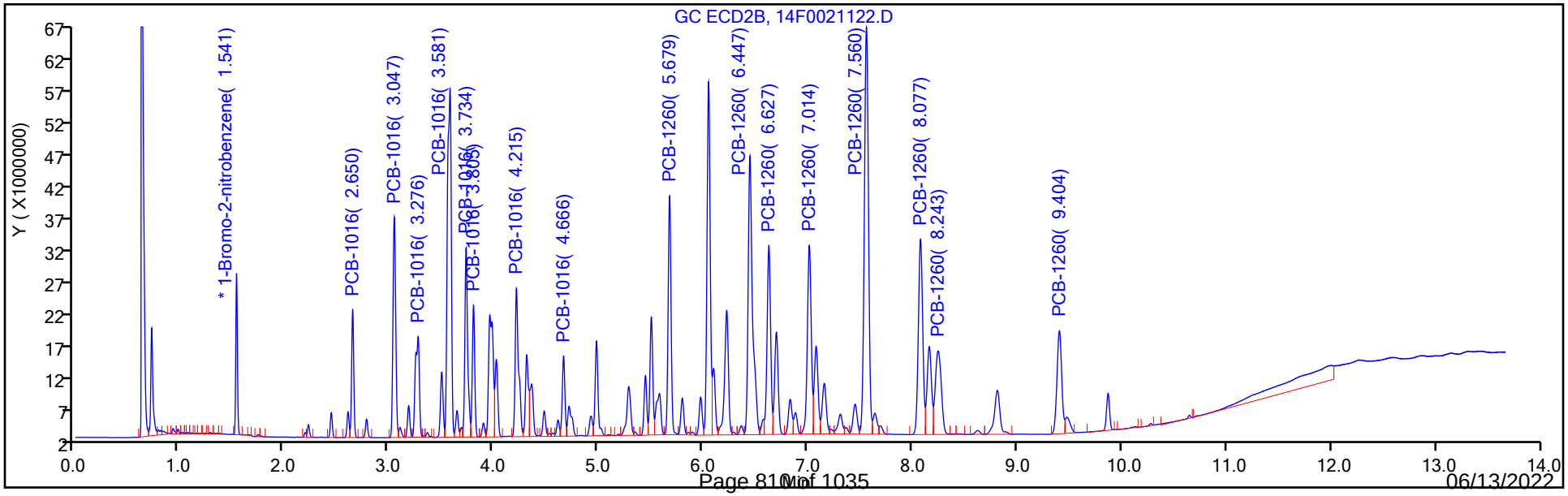
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021122.D

Injection Date:	03-Mar-2022 10:23:57	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	ICV			Worklist Smp#:	18
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: CCVIS 460-842361/2 Calibration Date: 05/02/2022 06:02

Instrument ID: CPESTGC14 Calib Start Date: 03/02/2022 18:33

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 03/03/2022 10:07

Lab File ID: 14F0022775.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0185	0.0177		960	1000	-4.0	20.0
PCB-1016 Peak 2	Ave	0.0391	0.0397		1010	1000	1.4	20.0
PCB-1016 Peak 3	Ave	0.0825	0.0853		1030	1000	3.4	20.0
PCB-1016 Peak 4	Ave	0.0318	0.0334		1050	1000	5.2	20.0
PCB-1016 Peak 5	Ave	0.0197	0.0259		1320	1000	31.5*	20.0
PCB-1016 Peak 6	Ave	0.0252	0.0263		1040	1000	4.1	20.0
PCB-1016 Peak 7	Ave	0.0247	0.0260		1050	1000	5.2	20.0
PCB-1016 Peak 8	Ave	0.0165	0.0172		1040	1000	4.2	20.0
PCB-1260 Peak 1	Ave	0.0207	0.0223		1080	1000	7.7	20.0
PCB-1260 Peak 2	Ave	0.0468	0.0466		997	1000	-0.3	20.0
PCB-1260 Peak 3	Ave	0.0529	0.0559		1060	1000	5.7	20.0
PCB-1260 Peak 4	Ave	0.0409	0.0444		1090	1000	8.6	20.0
PCB-1260 Peak 5	Ave	0.0422	0.0456		1080	1000	8.2	20.0
PCB-1260 Peak 6	Ave	0.0929	0.1043		1120	1000	12.3	20.0
PCB-1260 Peak 7	Ave	0.0608	0.0673		1110	1000	10.8	20.0
PCB-1260 Peak 8	Ave	0.0243	0.0266		1100	1000	9.5	20.0
Tetrachloro-m-xylene	Ave	1.132	1.099		97.0	100	-3.0	20.0
DCB Decachlorobiphenyl	Ave	0.6132	0.6561		107	100	7.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: CCVIS 460-842361/2 Calibration Date: 05/02/2022 06:02

Instrument ID: CPESTGC14 Calib Start Date: 03/02/2022 18:33

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 03/03/2022 10:07

Lab File ID: 14F0022775.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.34	3.31	3.37
PCB-1016 Peak 2	3.85	3.78	3.92
PCB-1016 Peak 3	4.43	4.36	4.50
PCB-1016 Peak 4	4.60	4.53	4.67
PCB-1016 Peak 5	4.73	4.66	4.80
PCB-1016 Peak 6	5.19	5.12	5.26
PCB-1016 Peak 7	5.34	5.27	5.41
PCB-1016 Peak 8	5.73	5.66	5.80
PCB-1260 Peak 1	6.76	6.73	6.79
PCB-1260 Peak 2	7.03	6.96	7.10
PCB-1260 Peak 3	7.41	7.34	7.48
PCB-1260 Peak 4	8.27	8.20	8.34
PCB-1260 Peak 5	8.88	8.81	8.95
PCB-1260 Peak 6	9.46	9.39	9.53
PCB-1260 Peak 7	10.00	9.93	10.07
PCB-1260 Peak 8	10.63	10.56	10.70
Tetrachloro-m-xylene	2.72	2.69	2.75
DCB Decachlorobiphenyl	11.13	11.10	11.16

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\14F0022775.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 02-May-2022 06:02:11 ALS Bottle#: 25 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144762-002
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-May-2022 08:48:29 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1671

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.720	1.720	0.000	28310128	20.0	20.0	
2	1.515	1.515	0.000	46073758	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.717	2.717	0.000	155499879	100.0	97.0	
2	2.210	2.210	0.000	294130975	100.0	105.8	
						RPD = 8.68	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	3.340	3.340	0.000	25121449	1000.0	959.6	
1	3.854	3.854	0.000	56145449	1000.0	1013.8	
1	4.429	4.429	0.000	120718631	1000.0	1034.3	
1	4.598	4.598	0.000	47301787	1000.0	1051.5	
1	4.725	4.725	0.000	36624516	1000.0	1315.0	
1	5.190	5.190	0.000	37185566	1000.0	1040.9	
1	5.342	5.342	0.000	36809696	1000.0	1051.6	
1	5.734	5.734	0.000	24350955	1000.0	1042.3	
		Average of Peak Amounts =				1063.6	
2	2.605	2.605	0.000	48403041	1000.0	974.1	
2	2.996	2.996	0.000	99098159	1000.0	976.9	
2	3.222	3.222	0.000	65792413	1000.0	985.7	
2	3.523	3.523	0.000	220504466	1000.0	990.8	
2	3.675	3.675	0.000	82243595	1000.0	932.3	
2	3.745	3.745	0.000	48567127	1000.0	928.4	
2	4.151	4.151	0.000	79147201	1000.0	917.0	
2	4.599	4.599	0.000	34467657	1000.0	979.6	
		Average of Peak Amounts =				960.6	
						RPD = 10.18	
8 PCB-1260							
1	6.763	6.763	0.000	31589086	1000.0	1077.3	
1	7.029	7.029	0.000	66009712	1000.0	996.9	
1	7.410	7.410	0.000	79133815	1000.0	1056.5	
1	8.271	8.271	0.000	62903100	1000.0	1085.5	
1	8.883	8.883	0.000	64546718	1000.0	1081.8	
1	9.461	9.461	0.000	147689204	1000.0	1123.1	
1	10.000	10.000	0.000	95290118	1000.0	1107.9	
1	10.626	10.626	0.000	37598699	1000.0	1095.3	
		Average of Peak Amounts =				1078.0	
2	5.601	5.601	0.000	113242380	1000.0	999.3	
2	6.355	6.355	0.000	200948642	1000.0	1017.7	
2	6.534	6.534	0.000	102265976	1000.0	938.6	
2	6.913	6.913	0.000	120051213	1000.0	1004.8	
2	7.450	7.450	0.000	267275754	1000.0	978.7	
2	7.958	7.958	0.000	139283816	1000.0	1014.0	
2	8.125	8.125	0.000	81296922	1000.0	1001.8	
2	9.269	9.269	0.000	80692781	1000.0	1000.8	
		Average of Peak Amounts =				994.5	
						RPD = 8.07	
$ 11 DCB Decachlorobiphenyl							
1	11.130	11.130	0.000	92866447	100.0	107.0	
2	10.025	10.025	0.000	212313652	100.0	102.4	
						RPD = 4.38	

Reagents:

SG1660L3_00041	Amount Added: 1.00	Units: mL	
SGPCBISTD_00025	Amount Added: 20.00	Units: uL	Run Reagent

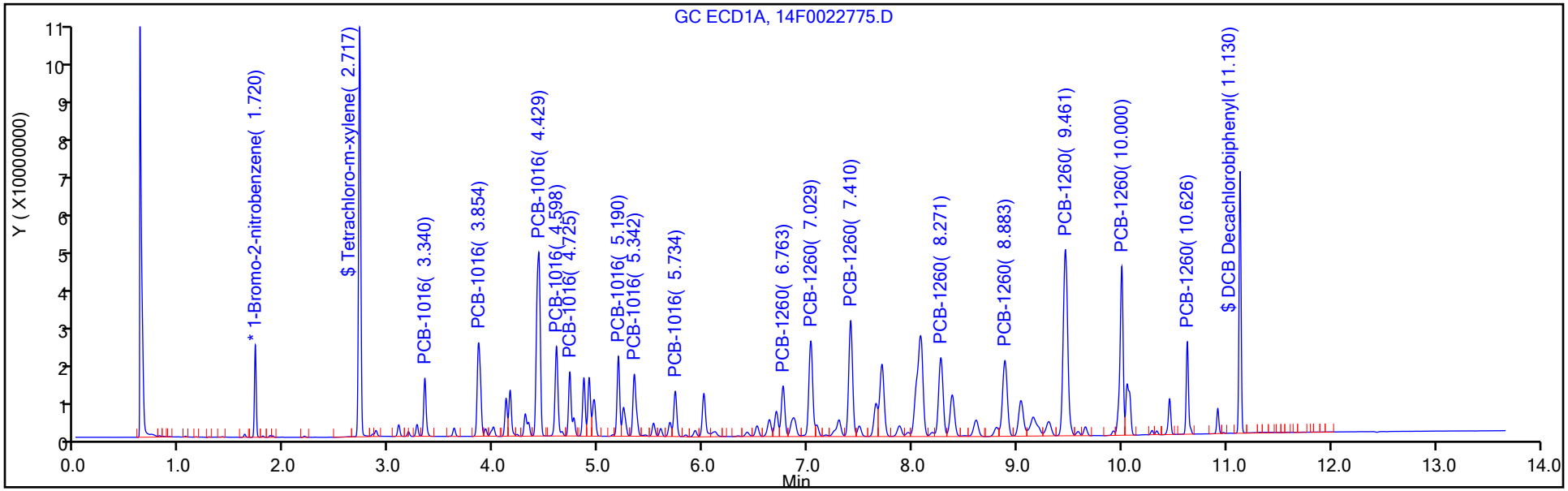
Report Date: 02-May-2022 08:48:29 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

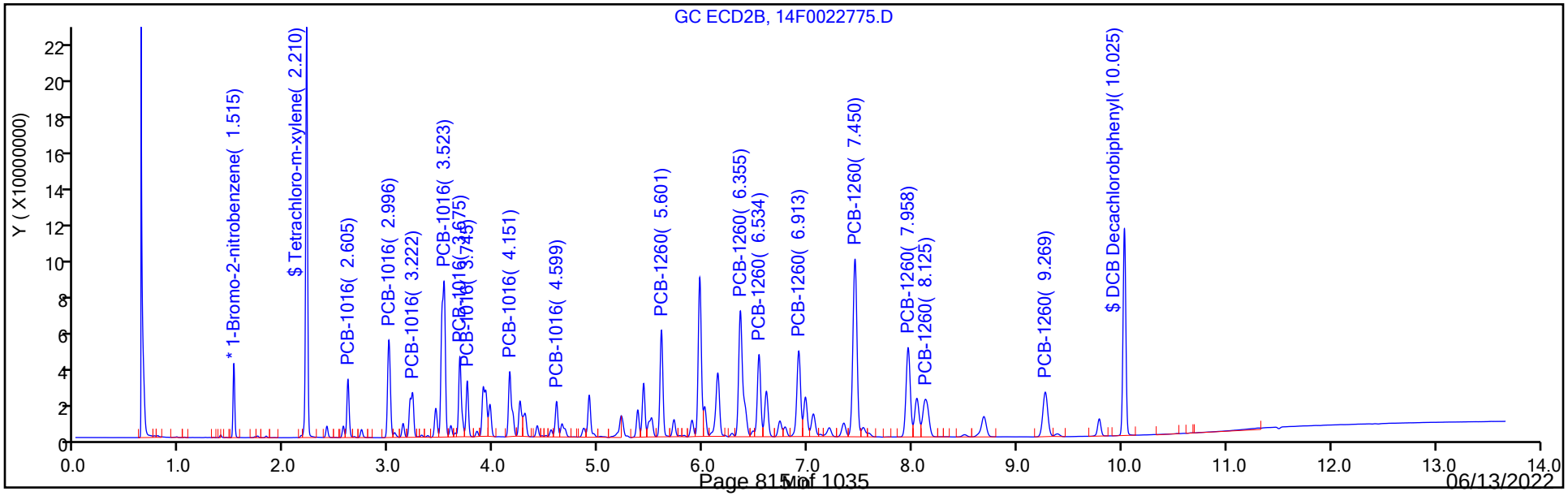
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\14F0022775.D

Injection Date:	02-May-2022 06:02:11	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: CCVIS 460-842361/2 Calibration Date: 05/02/2022 06:02

Instrument ID: CPESTGC14 Calib Start Date: 03/02/2022 18:33

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/03/2022 10:07

Lab File ID: 14F0022775.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0216	0.0210		974	1000	-2.6	20.0
PCB-1016 Peak 2	Ave	0.0440	0.0430		977	1000	-2.3	20.0
PCB-1016 Peak 3	Ave	0.0290	0.0286		986	1000	-1.4	20.0
PCB-1016 Peak 4	Ave	0.0966	0.0957		991	1000	-0.9	20.0
PCB-1016 Peak 5	Ave	0.0383	0.0357		932	1000	-6.8	20.0
PCB-1016 Peak 6	Ave	0.0227	0.0211		928	1000	-7.2	20.0
PCB-1016 Peak 7	Ave	0.0375	0.0344		917	1000	-8.3	20.0
PCB-1016 Peak 8	Ave	0.0153	0.0150		980	1000	-2.0	20.0
PCB-1260 Peak 1	Ave	0.0492	0.0492		999	1000	-0.0	20.0
PCB-1260 Peak 2	Ave	0.0857	0.0872		1020	1000	1.8	20.0
PCB-1260 Peak 3	Ave	0.0473	0.0444		939	1000	-6.1	20.0
PCB-1260 Peak 4	Ave	0.0519	0.0521		1000	1000	0.5	20.0
PCB-1260 Peak 5	Ave	0.1185	0.1160		979	1000	-2.1	20.0
PCB-1260 Peak 6	Ave	0.0596	0.0605		1010	1000	1.4	20.0
PCB-1260 Peak 7	Ave	0.0352	0.0353		1000	1000	0.2	20.0
PCB-1260 Peak 8	Ave	0.0350	0.0350		1000	1000	0.0	20.0
Tetrachloro-m-xylene	Ave	1.206	1.277		106	100	5.8	20.0
DCB Decachlorobiphenyl	Ave	0.9000	0.9216		102	100	2.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: CCVIS 460-842361/2 Calibration Date: 05/02/2022 06:02

Instrument ID: CPESTGC14 Calib Start Date: 03/02/2022 18:33

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/03/2022 10:07

Lab File ID: 14F0022775.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.61	2.54	2.68
PCB-1016 Peak 2	3.00	2.93	3.07
PCB-1016 Peak 3	3.22	3.15	3.29
PCB-1016 Peak 4	3.52	3.45	3.59
PCB-1016 Peak 5	3.68	3.61	3.75
PCB-1016 Peak 6	3.75	3.68	3.82
PCB-1016 Peak 7	4.15	4.08	4.22
PCB-1016 Peak 8	4.60	4.53	4.67
PCB-1260 Peak 1	5.60	5.53	5.67
PCB-1260 Peak 2	6.36	6.29	6.43
PCB-1260 Peak 3	6.53	6.46	6.60
PCB-1260 Peak 4	6.91	6.84	6.98
PCB-1260 Peak 5	7.45	7.38	7.52
PCB-1260 Peak 6	7.96	7.89	8.03
PCB-1260 Peak 7	8.13	8.06	8.20
PCB-1260 Peak 8	9.27	9.20	9.34
Tetrachloro-m-xylene	2.21	2.16	2.26
DCB Decachlorobiphenyl	10.03	9.93	10.13

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\14F0022775.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 02-May-2022 06:02:11 ALS Bottle#: 25 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144762-002
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-May-2022 08:48:29 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1671

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.720	1.720	0.000	28310128	20.0	20.0	
2	1.515	1.515	0.000	46073758	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.717	2.717	0.000	155499879	100.0	97.0	
2	2.210	2.210	0.000	294130975	100.0	105.8	
						RPD = 8.68	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	3.340	3.340	0.000	25121449	1000.0	959.6	
1	3.854	3.854	0.000	56145449	1000.0	1013.8	
1	4.429	4.429	0.000	120718631	1000.0	1034.3	
1	4.598	4.598	0.000	47301787	1000.0	1051.5	
1	4.725	4.725	0.000	36624516	1000.0	1315.0	
1	5.190	5.190	0.000	37185566	1000.0	1040.9	
1	5.342	5.342	0.000	36809696	1000.0	1051.6	
1	5.734	5.734	0.000	24350955	1000.0	1042.3	
		Average of Peak Amounts =				1063.6	
2	2.605	2.605	0.000	48403041	1000.0	974.1	
2	2.996	2.996	0.000	99098159	1000.0	976.9	
2	3.222	3.222	0.000	65792413	1000.0	985.7	
2	3.523	3.523	0.000	220504466	1000.0	990.8	
2	3.675	3.675	0.000	82243595	1000.0	932.3	
2	3.745	3.745	0.000	48567127	1000.0	928.4	
2	4.151	4.151	0.000	79147201	1000.0	917.0	
2	4.599	4.599	0.000	34467657	1000.0	979.6	
		Average of Peak Amounts =				960.6	
						RPD = 10.18	
8 PCB-1260							
1	6.763	6.763	0.000	31589086	1000.0	1077.3	
1	7.029	7.029	0.000	66009712	1000.0	996.9	
1	7.410	7.410	0.000	79133815	1000.0	1056.5	
1	8.271	8.271	0.000	62903100	1000.0	1085.5	
1	8.883	8.883	0.000	64546718	1000.0	1081.8	
1	9.461	9.461	0.000	147689204	1000.0	1123.1	
1	10.000	10.000	0.000	95290118	1000.0	1107.9	
1	10.626	10.626	0.000	37598699	1000.0	1095.3	
		Average of Peak Amounts =				1078.0	
2	5.601	5.601	0.000	113242380	1000.0	999.3	
2	6.355	6.355	0.000	200948642	1000.0	1017.7	
2	6.534	6.534	0.000	102265976	1000.0	938.6	
2	6.913	6.913	0.000	120051213	1000.0	1004.8	
2	7.450	7.450	0.000	267275754	1000.0	978.7	
2	7.958	7.958	0.000	139283816	1000.0	1014.0	
2	8.125	8.125	0.000	81296922	1000.0	1001.8	
2	9.269	9.269	0.000	80692781	1000.0	1000.8	
		Average of Peak Amounts =				994.5	
						RPD = 8.07	
$ 11 DCB Decachlorobiphenyl							
1	11.130	11.130	0.000	92866447	100.0	107.0	
2	10.025	10.025	0.000	212313652	100.0	102.4	
						RPD = 4.38	

Reagents:

SG1660L3_00041	Amount Added: 1.00	Units: mL	
SGPCBISTD_00025	Amount Added: 20.00	Units: uL	Run Reagent

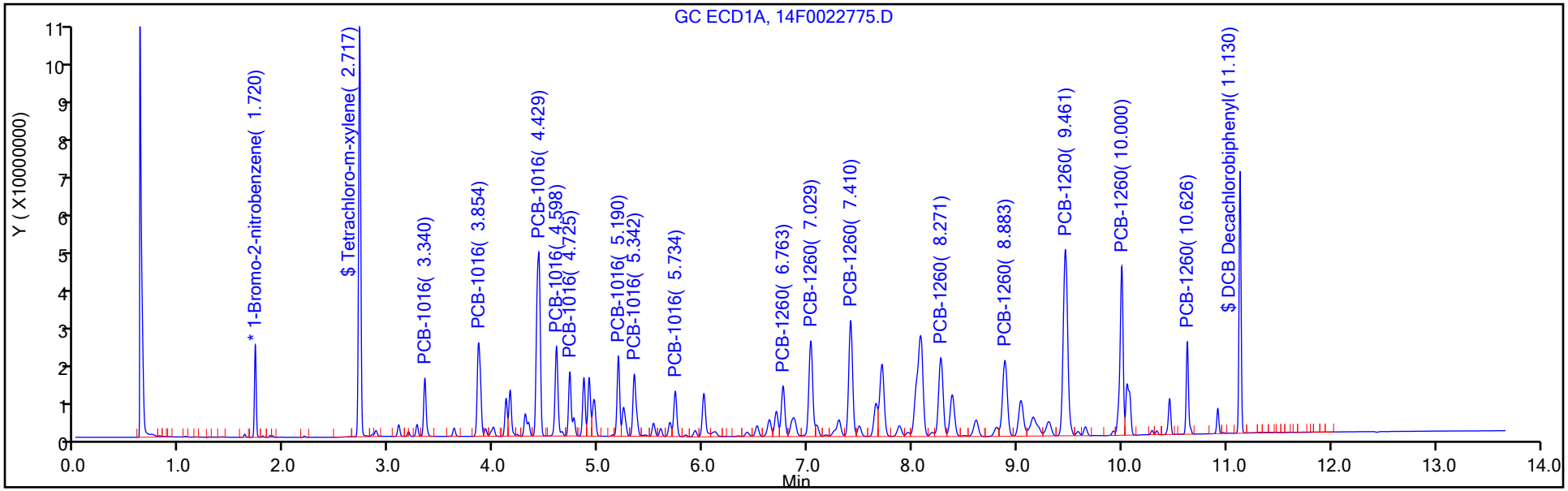
Report Date: 02-May-2022 08:48:30 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

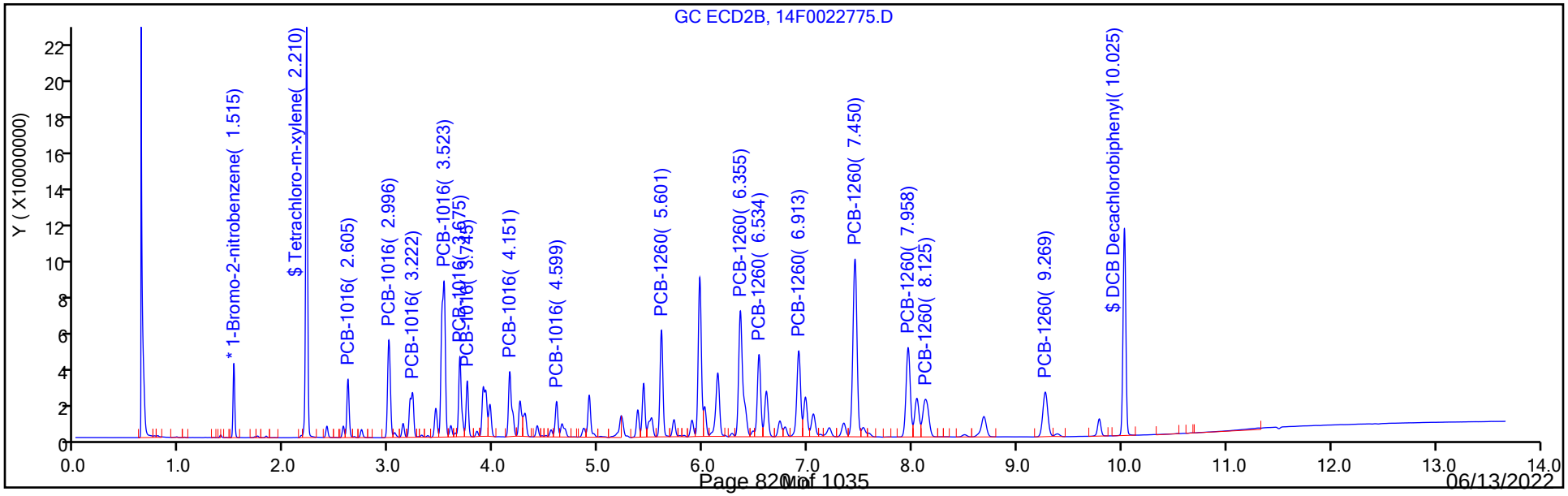
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\14F0022775.D

Injection Date:	02-May-2022 06:02:11	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-842215/1-A

Matrix: Solid | Lab File ID: 14F0022784.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/30/2022 18:25

Sample wt/vol: 15.00(g) | Date Analyzed: 05/02/2022 08:31

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842361 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*18*	*U*	*67*	*18*
11104-28-2	*Aroclor 1221*	*18*	*U*	*67*	*18*
11141-16-5	*Aroclor 1232*	*18*	*U*	*67*	*18*
53469-21-9	*Aroclor 1242*	*18*	*U*	*67*	*18*
12672-29-6	*Aroclor 1248*	*18*	*U*	*67*	*18*
11097-69-1	*Aroclor 1254*	*18*	*U*	*67*	*18*
11096-82-5	*Aroclor 1260*	*18*	*U*	*67*	*18*
37324-23-5	*Aroclor-1262*	*18*	*U*	*67*	*18*
11100-14-4	*Aroclor 1268*	*18*	*U*	*67*	*18*
1336-36-3	*Polychlorinated biphenyls, Total*	*18*	*U*	*67*	*18*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		10-150
877-09-8	Tetrachloro-m-xylene	95		42-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\14F0022784.D
Lims ID: MB 460-842215/1-A
Client ID:
Sample Type: MB
Inject. Date: 02-May-2022 08:31:37 ALS Bottle#: 34 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144762-011
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-May-2022 08:48:18 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1671

First Level Reviewer: manlangitf Date: 02-May-2022 08:48:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.726	1.720	0.006	20412208	20.0	20.0	
2	1.521	1.515	0.006	33456870	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.724	2.717	0.007	55059489	50.0	47.7	
2	2.219	2.210	0.009	92115476	50.0	45.6	
						RPD = 4.30	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							
1	11.145	11.130	0.015	33035469	50.0	52.8	
2	10.036	10.025	0.011	74024539	50.0	49.2	
						RPD = 7.09	

QC Flag Legend

Processing Flags

Reagents:

SGPCBISTD_00025 Amount Added: 20.00 Units: uL Run Reagent

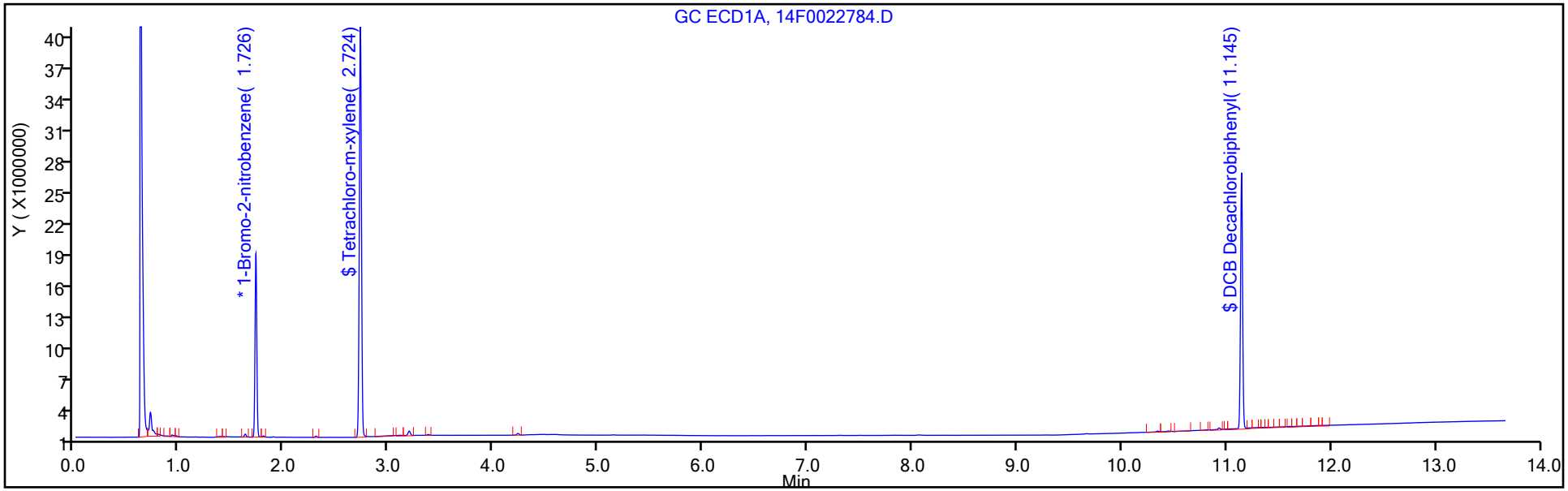
Report Date: 02-May-2022 08:48:27 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

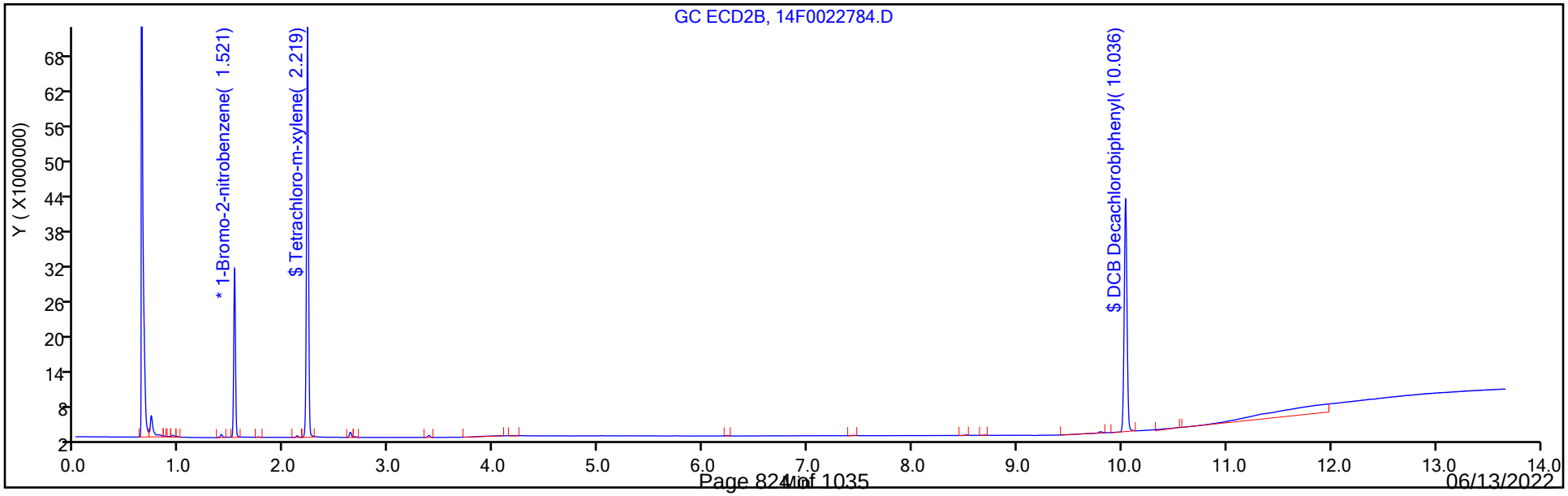
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\14F0022784.D

Injection Date:	02-May-2022 08:31:37	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	MB 460-842215/1-A			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	34
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-842215/1-A

Matrix: Solid | Lab File ID: 14F0022784.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/30/2022 18:25

Sample wt/vol: 15.00(g) | Date Analyzed: 05/02/2022 08:31

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842361 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	18	U	67	18
11104-28-2	Aroclor 1221	18	U	67	18
11141-16-5	Aroclor 1232	18	U	67	18
53469-21-9	Aroclor 1242	18	U	67	18
12672-29-6	Aroclor 1248	18	U	67	18
11097-69-1	Aroclor 1254	18	U	67	18
11096-82-5	Aroclor 1260	18	U	67	18
37324-23-5	Aroclor-1262	18	U	67	18
11100-14-4	Aroclor 1268	18	U	67	18
1336-36-3	Polychlorinated biphenyls, Total	18	U	67	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		10-150
877-09-8	Tetrachloro-m-xylene	91		42-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\14F0022784.D
Lims ID: MB 460-842215/1-A
Client ID:
Sample Type: MB
Inject. Date: 02-May-2022 08:31:37 ALS Bottle#: 34 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144762-011
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-May-2022 08:48:18 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1671

First Level Reviewer: manlangitf Date: 02-May-2022 08:48:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.726	1.720	0.006	20412208	20.0	20.0	
2	1.521	1.515	0.006	33456870	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.724	2.717	0.007	55059489	50.0	47.7	
2	2.219	2.210	0.009	92115476	50.0	45.6	
						RPD = 4.30	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							
1	11.145	11.130	0.015	33035469	50.0	52.8	
2	10.036	10.025	0.011	74024539	50.0	49.2	
						RPD = 7.09	

QC Flag Legend

Processing Flags

Reagents:

SGPCBISTD_00025 Amount Added: 20.00 Units: uL Run Reagent

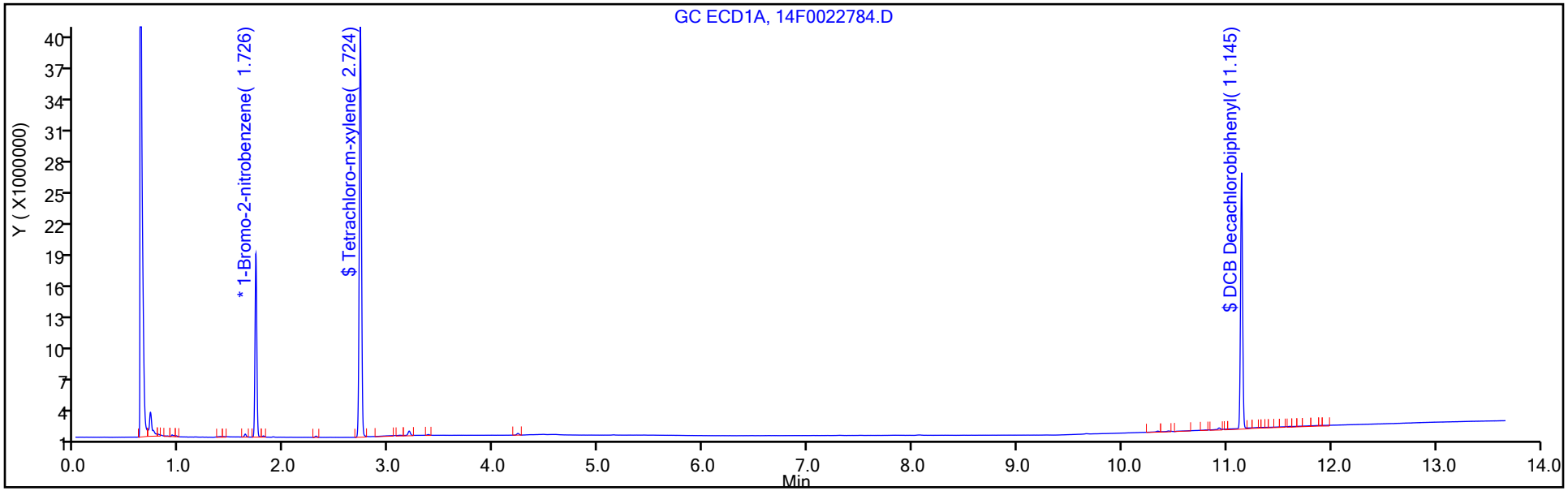
Report Date: 02-May-2022 08:48:27 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

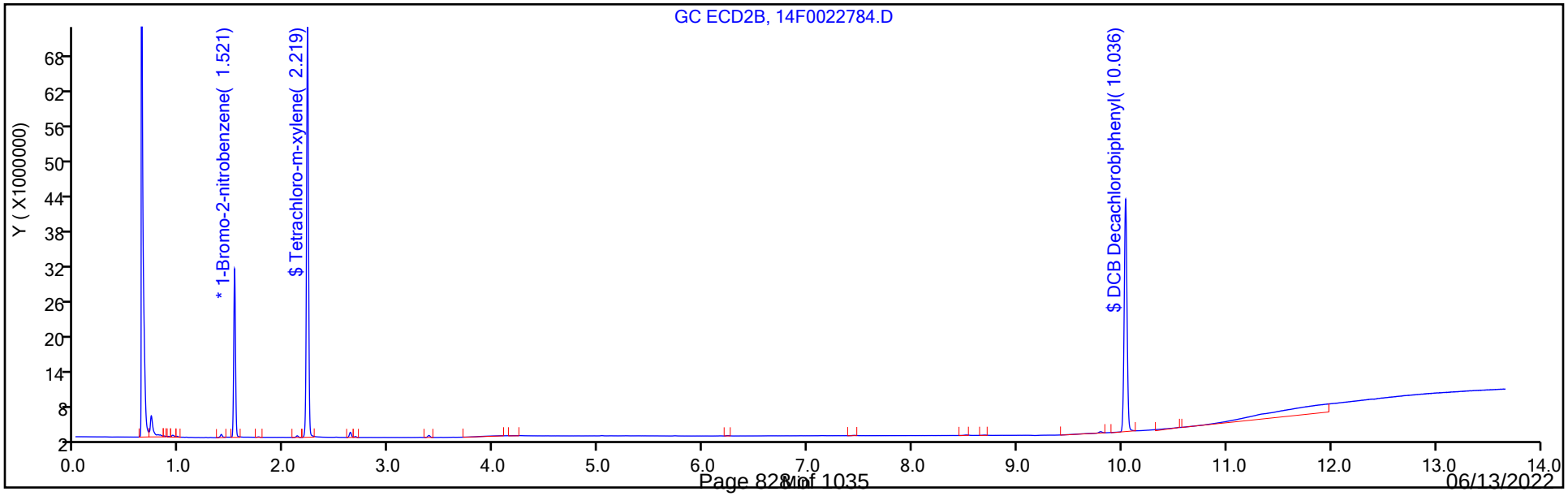
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\14F0022784.D

Injection Date:	02-May-2022 08:31:37	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	MB 460-842215/1-A			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	34
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-842361/1

Matrix: Solid Lab File ID: 14F0022774.D

Analysis Method: 8082A Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 05/02/2022 05:45

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842361 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.12	U	0.50	0.12
11104-28-2	Aroclor 1221	0.12	U	0.50	0.12
11141-16-5	Aroclor 1232	0.12	U	0.50	0.12
53469-21-9	Aroclor 1242	0.12	U	0.50	0.12
12672-29-6	Aroclor 1248	0.12	U	0.50	0.12
11097-69-1	Aroclor 1254	0.11	U	0.50	0.11
11096-82-5	Aroclor 1260	0.11	U	0.50	0.11
37324-23-5	Aroclor-1262	0.11	U	0.50	0.11
11100-14-4	Aroclor 1268	0.11	U	0.50	0.11
1336-36-3	Polychlorinated biphenyls, Total	0.12	U	0.50	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		10-150
877-09-8	Tetrachloro-m-xylene	88		42-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\14F0022774.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 02-May-2022 05:45:39 ALS Bottle#: 24 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-May-2022 08:48:18 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1671

First Level Reviewer: manlangitf Date: 02-May-2022 06:13:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.722	1.720	0.002	21582010	20.0	20.0	
2	1.501	1.515	-0.014	34287871	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.721	2.717	0.004	21382753	20.0	17.5	
2	2.192	2.210	-0.018	32225155	20.0	15.6	
						RPD = 11.62	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							M
1	11.146	11.130	0.016	13785597	20.0	20.8	M
2	10.021	10.025	-0.004	31294418	20.0	20.3	M
						RPD = 2.68	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPIBLK_00033	Amount Added: 1.00	Units: mL	
SGPCBISTD_00025	Amount Added: 20.00	Units: uL	Run Reagent

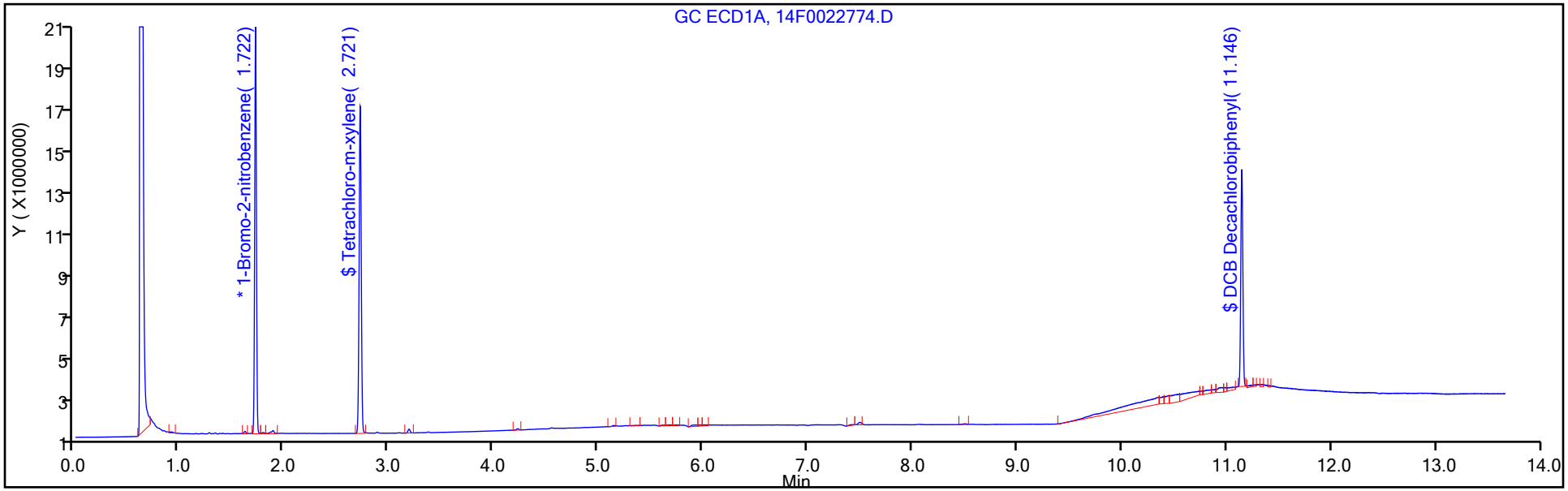
Report Date: 02-May-2022 08:48:28 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

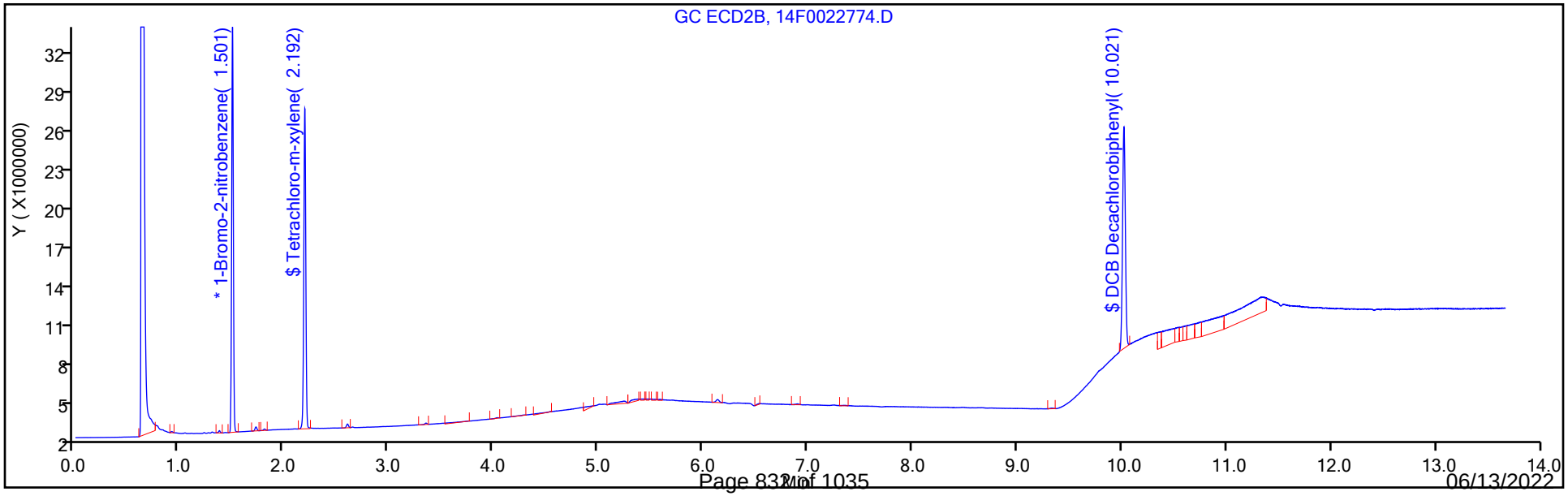
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\14F0022774.D

Injection Date:	02-May-2022 05:45:39	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	PIBLK			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

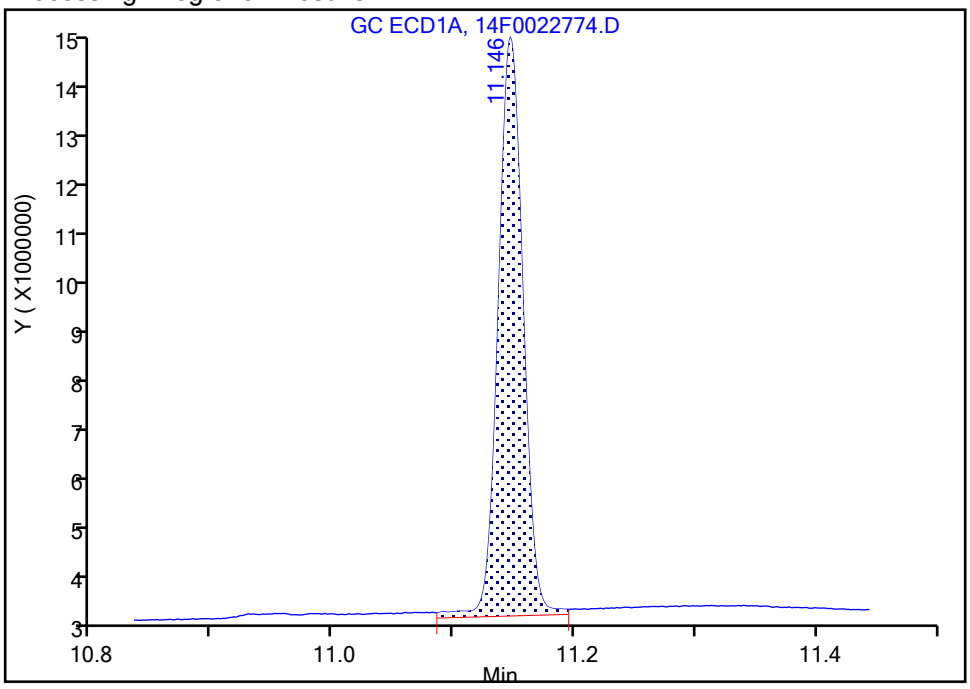
Data File:	\\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\14F0022774.D				
Injection Date:	02-May-2022 05:45:39	Instrument ID:	CPESTGC14		
Lims ID:	PIBLK				
Client ID:					
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLPesticides (0.53 mm)	Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

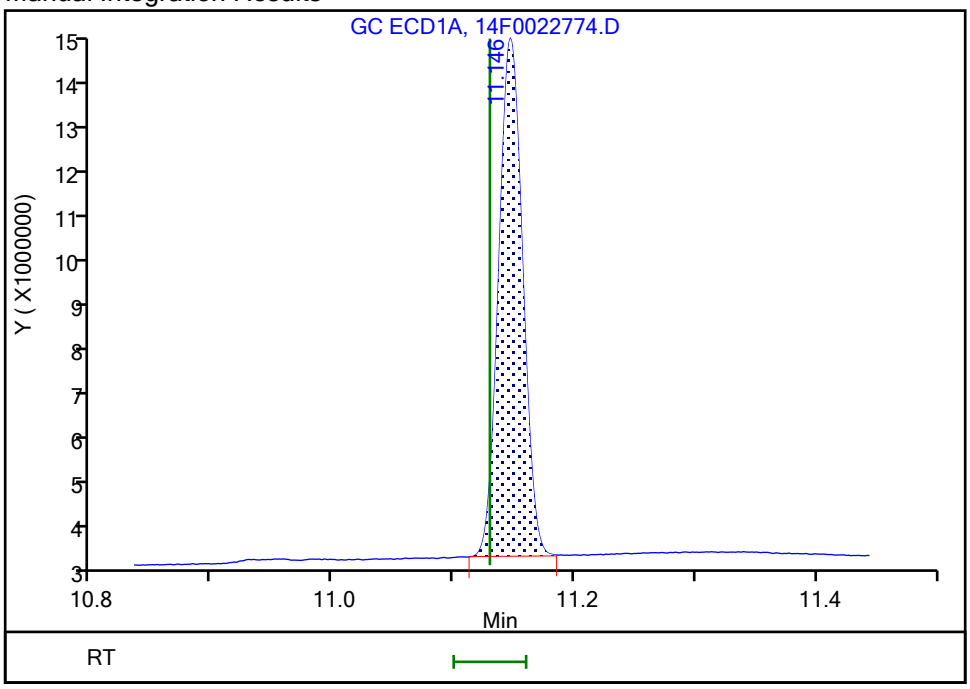
Processing Integration Results

RT: 11.15
Area: 14427044
Amount: 21.801502
Amount Units: ug/l



Manual Integration Results

RT: 11.15
Area: 13785597
Amount: 20.832176
Amount Units: ug/l



Reviewer: manlangitf, 02-May-2022 06:13:33

Audit Action: Manually Integrated Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-842361/1

Matrix: Solid Lab File ID: 14F0022774.D

Analysis Method: 8082A Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 05/02/2022 05:45

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842361 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*0.12*	*U*	*0.50*	*0.12*
11104-28-2	*Aroclor 1221*	*0.12*	*U*	*0.50*	*0.12*
11141-16-5	*Aroclor 1232*	*0.12*	*U*	*0.50*	*0.12*
53469-21-9	*Aroclor 1242*	*0.12*	*U*	*0.50*	*0.12*
12672-29-6	*Aroclor 1248*	*0.12*	*U*	*0.50*	*0.12*
11097-69-1	*Aroclor 1254*	*0.11*	*U*	*0.50*	*0.11*
11096-82-5	*Aroclor 1260*	*0.11*	*U*	*0.50*	*0.11*
37324-23-5	*Aroclor-1262*	*0.11*	*U*	*0.50*	*0.11*
11100-14-4	*Aroclor 1268*	*0.11*	*U*	*0.50*	*0.11*
1336-36-3	*Polychlorinated biphenyls, Total*	*0.12*	*U*	*0.50*	*0.12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		10-150
877-09-8	Tetrachloro-m-xylene	78		42-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\14F0022774.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 02-May-2022 05:45:39 ALS Bottle#: 24 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-May-2022 08:48:18 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1671

First Level Reviewer: manlangitf Date: 02-May-2022 06:13:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.722	1.720	0.002	21582010	20.0	20.0	
2	1.501	1.515	-0.014	34287871	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.721	2.717	0.004	21382753	20.0	17.5	
2	2.192	2.210	-0.018	32225155	20.0	15.6	
						RPD = 11.62	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							M
1	11.146	11.130	0.016	13785597	20.0	20.8	M
2	10.021	10.025	-0.004	31294418	20.0	20.3	M
						RPD = 2.68	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPIBLK_00033	Amount Added: 1.00	Units: mL	
SGPCBISTD_00025	Amount Added: 20.00	Units: uL	Run Reagent

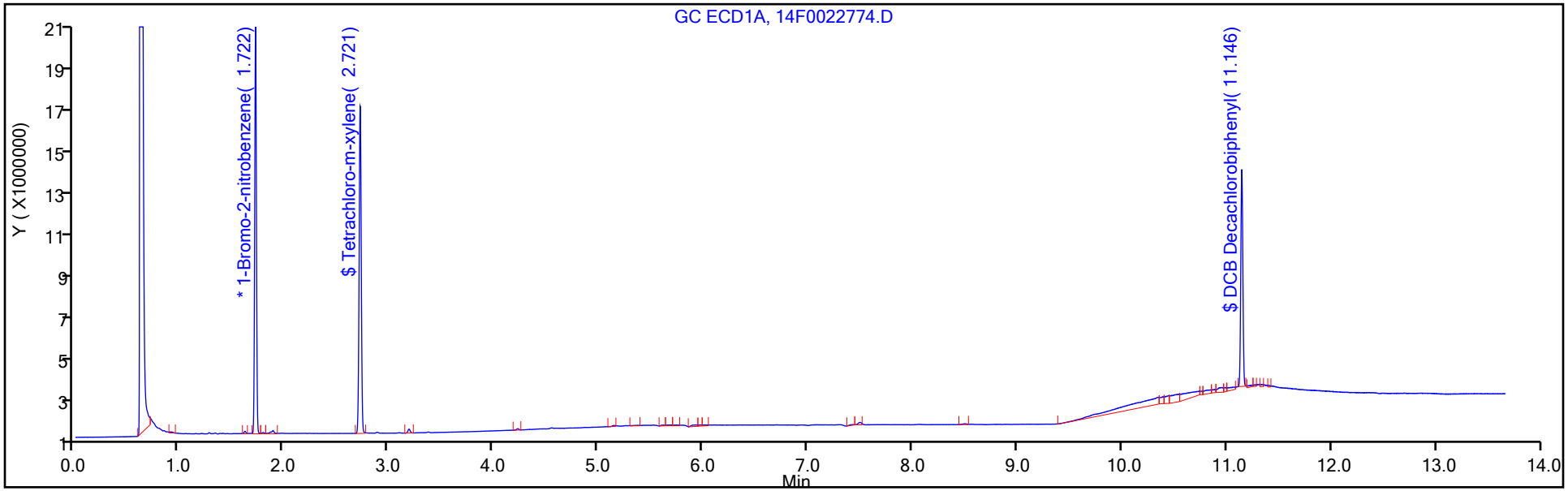
Report Date: 02-May-2022 08:48:28 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

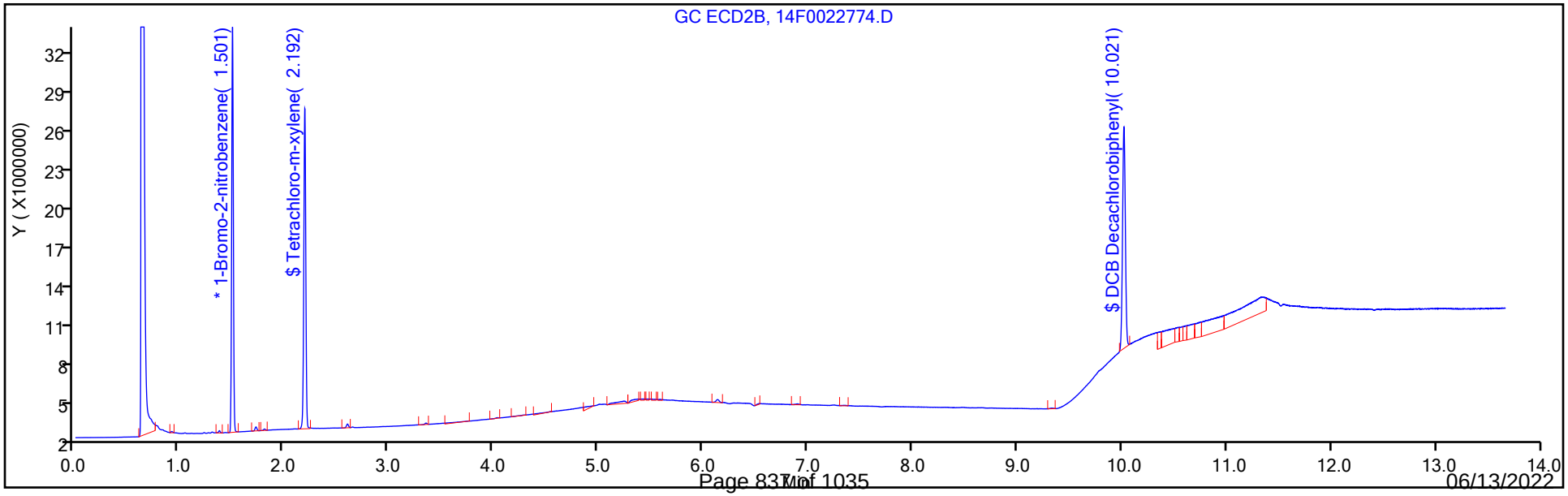
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\14F0022774.D

Injection Date:	02-May-2022 05:45:39	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	PIBLK			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

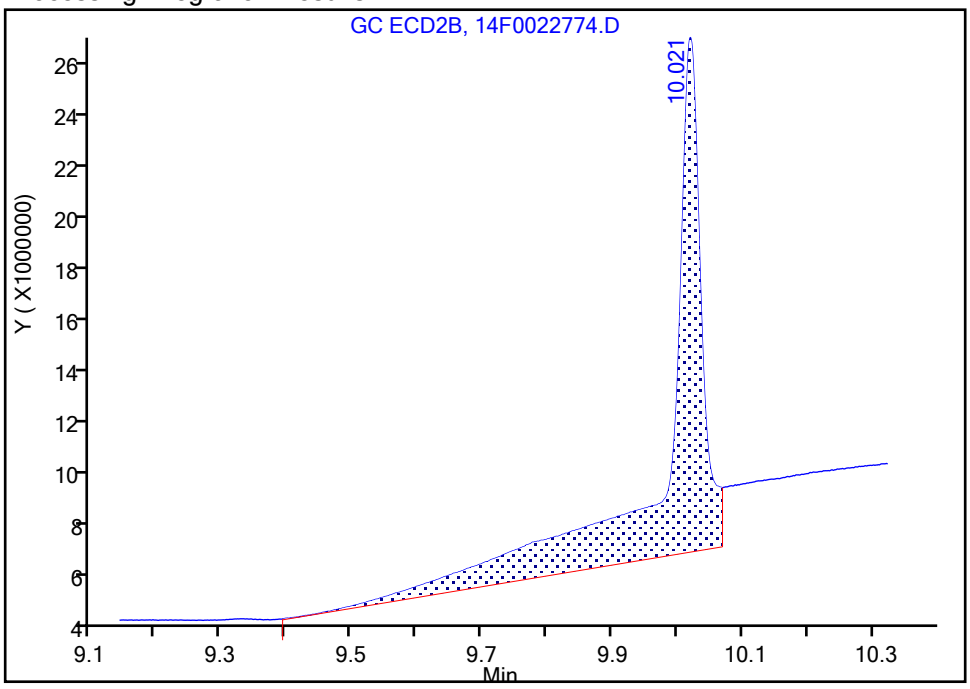
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\14F0022774.D
Injection Date: 02-May-2022 05:45:39 Instrument ID: CPESTGC14
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 24 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

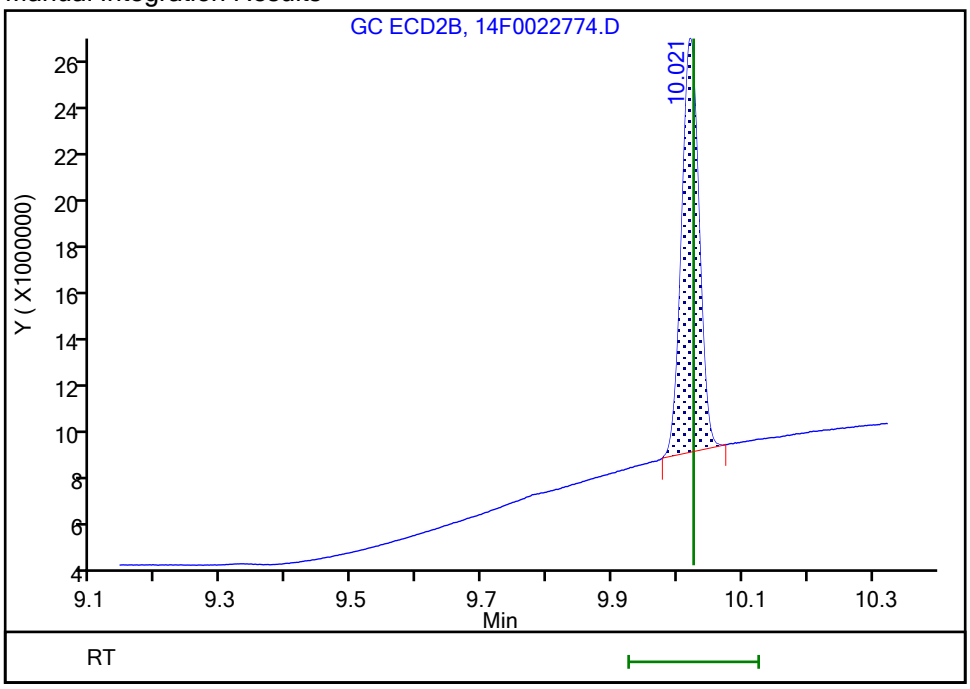
Processing Integration Results

RT: 10.02
Area: 72947914
Amount: 47.277280
Amount Units: ug/l



Manual Integration Results

RT: 10.02
Area: 31294418
Amount: 20.281800
Amount Units: ug/l



Reviewer: manlangitf, 02-May-2022 06:13:28
Audit Action: Manually Integrated Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-842215/2-A

Matrix: Solid | Lab File ID: 14F0022782.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/30/2022 18:25

Sample wt/vol: 15.00(g) | Date Analyzed: 05/02/2022 07:58

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842361 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*338*		*67*	*18*
11096-82-5	*Aroclor 1260*	*376*		*67*	*18*
1336-36-3	*Polychlorinated biphenyls, Total*	*714*		*67*	*18*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	89		10-150
877-09-8	Tetrachloro-m-xylene	80		42-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\14F0022782.D
Lims ID: LCS 460-842215/2-A
Client ID:
Sample Type: LCS
Inject. Date: 02-May-2022 07:58:26 ALS Bottle#: 32 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144762-006
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-May-2022 08:48:18 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1671

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.725	1.720	0.005	23365782	20.0	20.0	
2	1.521	1.515	0.006	37635148	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.724	2.717	0.007	53013779	50.0	40.1	
2	2.218	2.210	0.008	91063563	50.0	40.1	
						RPD = 0.08	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	3.346	3.340	0.006	11165781	500.0	516.8	
1	3.860	3.854	0.006	22680799	500.0	496.2	
1	4.434	4.429	0.005	45991650	500.0	477.5	
1	4.605	4.598	0.007	17963692	500.0	483.8	
1	4.732	4.725	0.007	11399472	500.0	495.9	
1	5.197	5.190	0.007	14911610	500.0	505.7	
1	5.348	5.342	0.006	16379604	500.0	567.0	
1	5.741	5.734	0.007	9788487	500.0	507.6	
		Average of Peak Amounts =				506.3	
2	2.613	2.605	0.008	21059142	500.0	518.9	
2	3.005	2.996	0.009	40596068	500.0	489.9	
2	3.231	3.222	0.009	26702659	500.0	489.8	
2	3.533	3.523	0.010	86210424	500.0	474.2	
2	3.684	3.675	0.009	33913437	500.0	470.6	
2	3.754	3.745	0.009	19793597	500.0	463.2	
2	4.162	4.151	0.011	32012635	500.0	454.1	
2	4.608	4.599	0.009	13657950	500.0	475.2	
		Average of Peak Amounts =				479.5	
						RPD = 5.44	
8 PCB-1260							
1	6.773	6.763	0.010	14267632	500.0	589.5	
1	7.038	7.029	0.009	29575788	500.0	541.2	
1	7.418	7.410	0.008	35020451	500.0	566.5	
1	8.283	8.271	0.012	27021185	500.0	565.0	
1	8.895	8.883	0.012	28589372	500.0	580.6	
1	9.473	9.461	0.012	64094421	500.0	590.5	
1	10.007	10.000	0.007	40113674	500.0	565.1	
1	10.635	10.626	0.009	14535498	500.0	513.0	
		Average of Peak Amounts =				563.9	
2	5.613	5.601	0.012	48697107	500.0	526.1	
2	6.368	6.355	0.013	80966060	500.0	502.0	
2	6.547	6.534	0.013	48275752	500.0	542.4	
2	6.927	6.913	0.014	51359920	500.0	526.3	
2	7.466	7.450	0.016	116584796	500.0	522.6	
2	7.975	7.958	0.017	59848672	500.0	533.4	
2	8.143	8.125	0.018	32472291	500.0	489.8	
2	9.289	9.269	0.020	30380346	500.0	461.3	
		Average of Peak Amounts =				513.0	
						RPD = 9.46	
$ 11 DCB Decachlorobiphenyl							
1	11.141	11.130	0.011	31845103	50.0	44.4	
2	10.035	10.025	0.010	73101703	50.0	43.2	
						RPD = 2.94	

Reagents:

SGPCBISTD_00025 Amount Added: 20.00 Units: uL Run Reagent

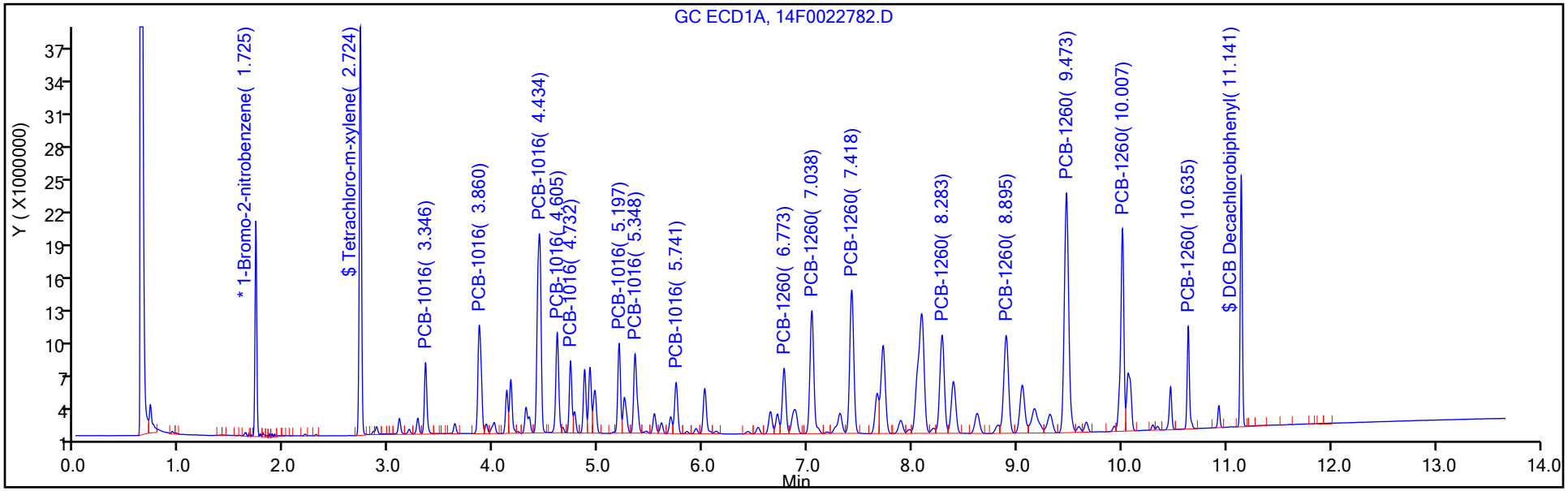
Report Date: 02-May-2022 08:48:24 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

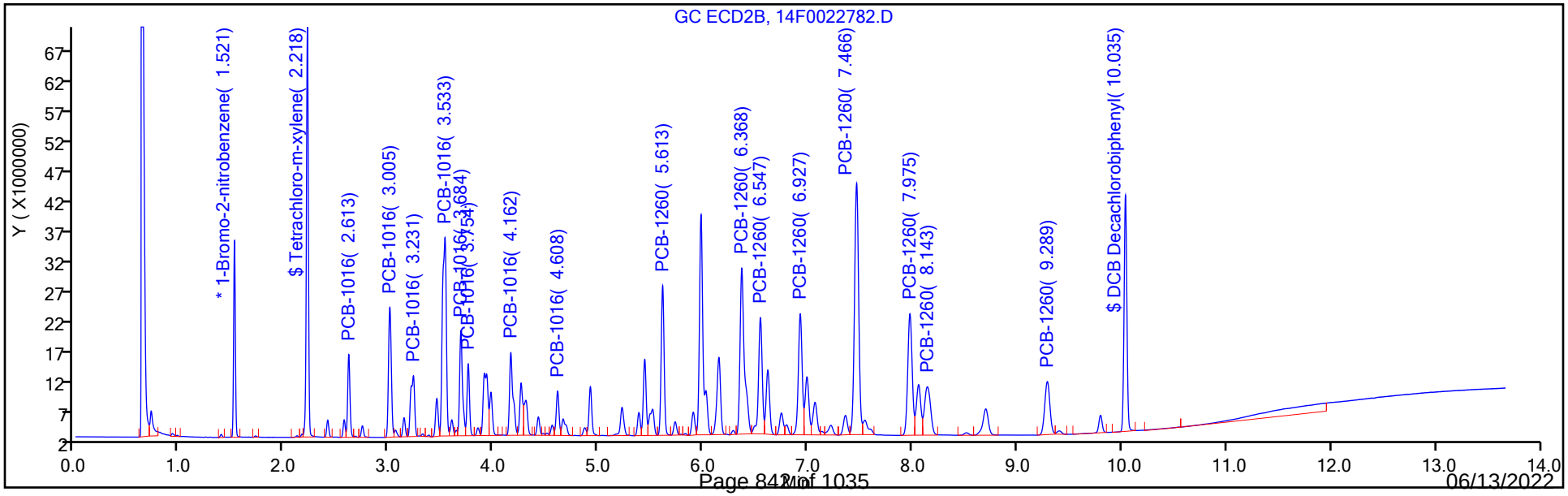
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\14F0022782.D

Injection Date:	02-May-2022 07:58:26	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	LCS 460-842215/2-A			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	32
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-842215/2-A

Matrix: Solid Lab File ID: 14F0022782.D

Analysis Method: 8082A Date Collected:

Extraction Method: 3546 Date Extracted: 04/30/2022 18:25

Sample wt/vol: 15.00(g) Date Analyzed: 05/02/2022 07:58

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842361 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	320		67	18
11096-82-5	Aroclor 1260	342		67	18
1336-36-3	Polychlorinated biphenyls, Total	662		67	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		10-150
877-09-8	Tetrachloro-m-xylene	80		42-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\14F0022782.D
Lims ID: LCS 460-842215/2-A
Client ID:
Sample Type: LCS
Inject. Date: 02-May-2022 07:58:26 ALS Bottle#: 32 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144762-006
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-May-2022 08:48:18 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1671

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.725	1.720	0.005	23365782	20.0	20.0	
2	1.521	1.515	0.006	37635148	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.724	2.717	0.007	53013779	50.0	40.1	
2	2.218	2.210	0.008	91063563	50.0	40.1	
						RPD = 0.08	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	3.346	3.340	0.006	11165781	500.0	516.8	
1	3.860	3.854	0.006	22680799	500.0	496.2	
1	4.434	4.429	0.005	45991650	500.0	477.5	
1	4.605	4.598	0.007	17963692	500.0	483.8	
1	4.732	4.725	0.007	11399472	500.0	495.9	
1	5.197	5.190	0.007	14911610	500.0	505.7	
1	5.348	5.342	0.006	16379604	500.0	567.0	
1	5.741	5.734	0.007	9788487	500.0	507.6	
		Average of Peak Amounts =				506.3	
2	2.613	2.605	0.008	21059142	500.0	518.9	
2	3.005	2.996	0.009	40596068	500.0	489.9	
2	3.231	3.222	0.009	26702659	500.0	489.8	
2	3.533	3.523	0.010	86210424	500.0	474.2	
2	3.684	3.675	0.009	33913437	500.0	470.6	
2	3.754	3.745	0.009	19793597	500.0	463.2	
2	4.162	4.151	0.011	32012635	500.0	454.1	
2	4.608	4.599	0.009	13657950	500.0	475.2	
		Average of Peak Amounts =				479.5	
						RPD = 5.44	
8 PCB-1260							
1	6.773	6.763	0.010	14267632	500.0	589.5	
1	7.038	7.029	0.009	29575788	500.0	541.2	
1	7.418	7.410	0.008	35020451	500.0	566.5	
1	8.283	8.271	0.012	27021185	500.0	565.0	
1	8.895	8.883	0.012	28589372	500.0	580.6	
1	9.473	9.461	0.012	64094421	500.0	590.5	
1	10.007	10.000	0.007	40113674	500.0	565.1	
1	10.635	10.626	0.009	14535498	500.0	513.0	
		Average of Peak Amounts =				563.9	
2	5.613	5.601	0.012	48697107	500.0	526.1	
2	6.368	6.355	0.013	80966060	500.0	502.0	
2	6.547	6.534	0.013	48275752	500.0	542.4	
2	6.927	6.913	0.014	51359920	500.0	526.3	
2	7.466	7.450	0.016	116584796	500.0	522.6	
2	7.975	7.958	0.017	59848672	500.0	533.4	
2	8.143	8.125	0.018	32472291	500.0	489.8	
2	9.289	9.269	0.020	30380346	500.0	461.3	
		Average of Peak Amounts =				513.0	
						RPD = 9.46	
$ 11 DCB Decachlorobiphenyl							
1	11.141	11.130	0.011	31845103	50.0	44.4	
2	10.035	10.025	0.010	73101703	50.0	43.2	
						RPD = 2.94	

Reagents:

SGPCBISTD_00025 Amount Added: 20.00 Units: uL Run Reagent

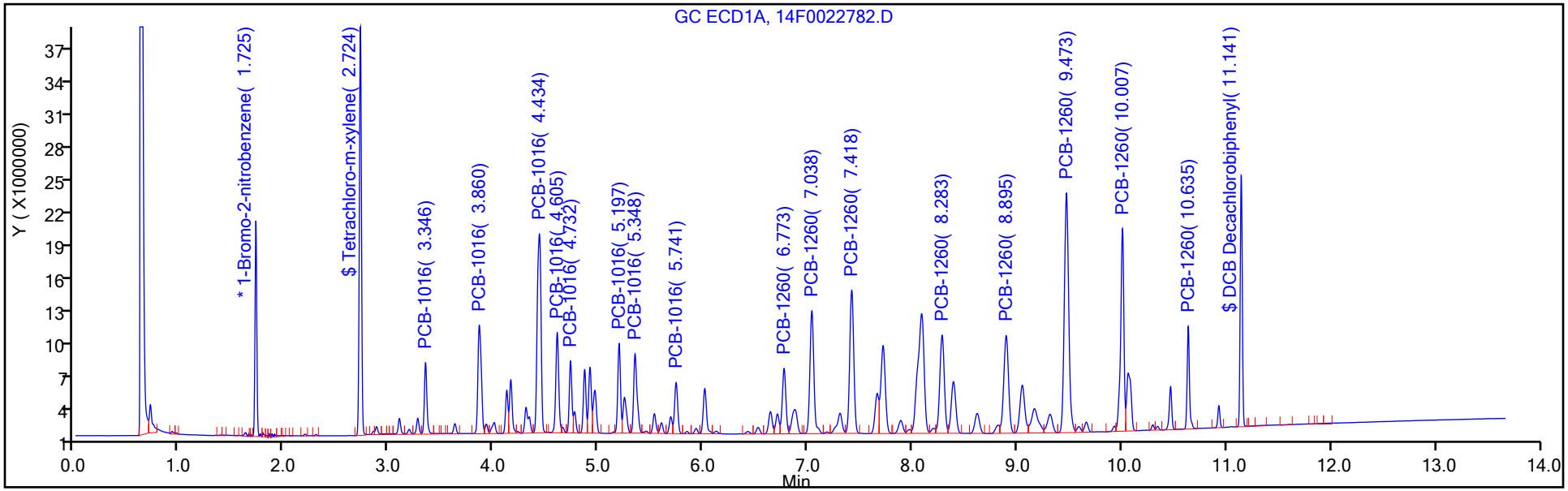
Report Date: 02-May-2022 08:48:24 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

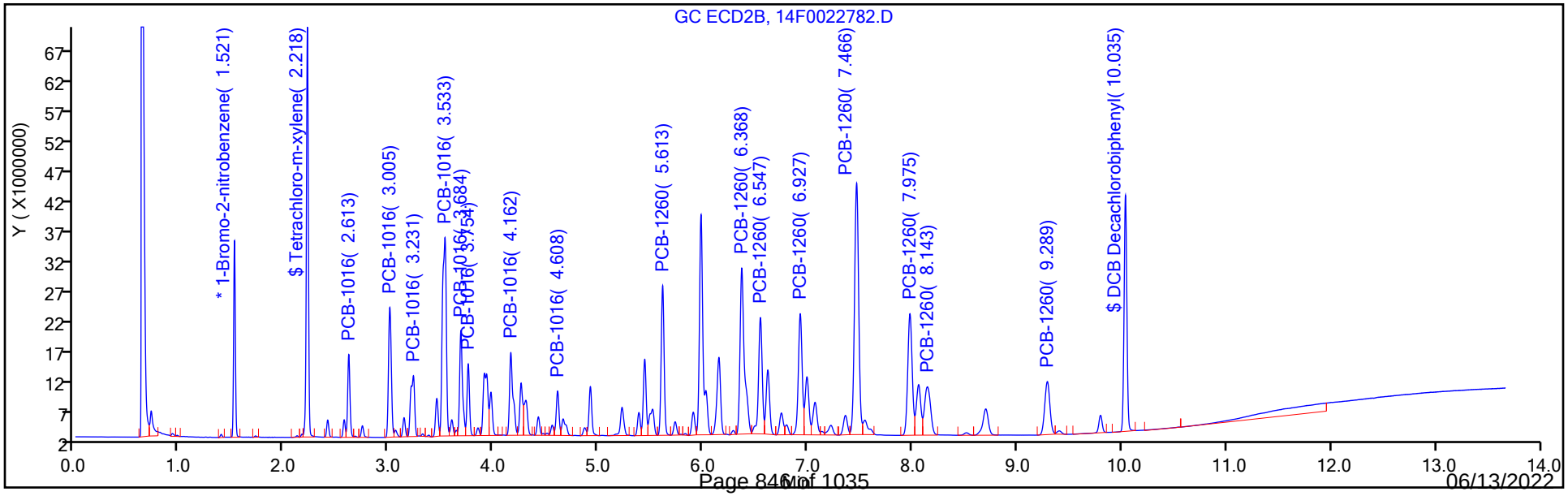
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\14F0022782.D

Injection Date:	02-May-2022 07:58:26	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	LCS 460-842215/2-A			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	32
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-842215/3-A

Matrix: Solid | Lab File ID: 14F0022783.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/30/2022 18:25

Sample wt/vol: 15.00(g) | Date Analyzed: 05/02/2022 08:15

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842361 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*367*		*67*	*18*
11096-82-5	*Aroclor 1260*	*387*		*67*	*18*
1336-36-3	*Polychlorinated biphenyls, Total*	*754*		*67*	*18*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		10-150
877-09-8	Tetrachloro-m-xylene	85		42-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\14F0022783.D
Lims ID: LCSD 460-842215/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 02-May-2022 08:15:03 ALS Bottle#: 33 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144762-010
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-May-2022 08:48:18 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1671

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.726	1.720	0.006	22554356	20.0	20.0	
2	1.522	1.515	0.007	36915493	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.724	2.717	0.007	54052540	50.0	42.3	
2	2.219	2.210	0.009	91464766	50.0	41.1	
						RPD = 3.02	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	3.347	3.340	0.007	11444304	500.0	548.7	
1	3.860	3.854	0.006	23002288	500.0	521.3	
1	4.436	4.429	0.007	46933902	500.0	504.8	
1	4.605	4.598	0.007	18925745	500.0	528.1	
1	4.732	4.725	0.007	14573076	500.0	656.8	
1	5.197	5.190	0.007	14985345	500.0	526.5	
1	5.350	5.342	0.008	16455620	500.0	590.1	
1	5.741	5.734	0.007	9873373	500.0	530.5	
		Average of Peak Amounts =				550.8	
2	2.614	2.605	0.009	21097023	500.0	529.9	
2	3.006	2.996	0.010	39299324	500.0	483.5	
2	3.232	3.222	0.010	26830115	500.0	501.7	
2	3.534	3.523	0.011	83598019	500.0	468.8	
2	3.686	3.675	0.011	29851230	500.0	422.3	
2	3.756	3.745	0.011	17381463	500.0	414.7	
2	4.162	4.151	0.011	31270897	500.0	452.2	
2	4.610	4.599	0.011	10905347	500.0	386.8	
		Average of Peak Amounts =				457.5	
						RPD = 18.52	
8 PCB-1260							
1	6.773	6.763	0.010	14300247	500.0	612.1	
1	7.038	7.029	0.009	29467923	500.0	558.6	
1	7.419	7.410	0.009	34888317	500.0	584.7	
1	8.283	8.271	0.012	26918002	500.0	583.1	
1	8.895	8.883	0.012	28366490	500.0	596.8	
1	9.471	9.461	0.010	63448470	500.0	605.6	
1	10.006	10.000	0.006	39761798	500.0	580.3	
1	10.633	10.626	0.007	14205651	500.0	519.4	
		Average of Peak Amounts =				580.1	
2	5.612	5.601	0.011	48789776	500.0	537.3	
2	6.369	6.355	0.014	80566174	500.0	509.3	
2	6.547	6.534	0.013	47669564	500.0	546.0	
2	6.928	6.913	0.015	51356264	500.0	536.5	
2	7.466	7.450	0.016	114609789	500.0	523.8	
2	7.977	7.958	0.019	59338584	500.0	539.1	
2	8.143	8.125	0.018	32123394	500.0	494.0	
2	9.288	9.269	0.019	30587916	500.0	473.5	
		Average of Peak Amounts =				520.0	
						RPD = 10.93	
$ 11 DCB Decachlorobiphenyl							
1	11.141	11.130	0.011	31647634	50.0	45.8	
2	10.035	10.025	0.010	72639031	50.0	43.7	
						RPD = 4.55	

Reagents:

SGPCBISTD_00025 Amount Added: 20.00 Units: uL Run Reagent

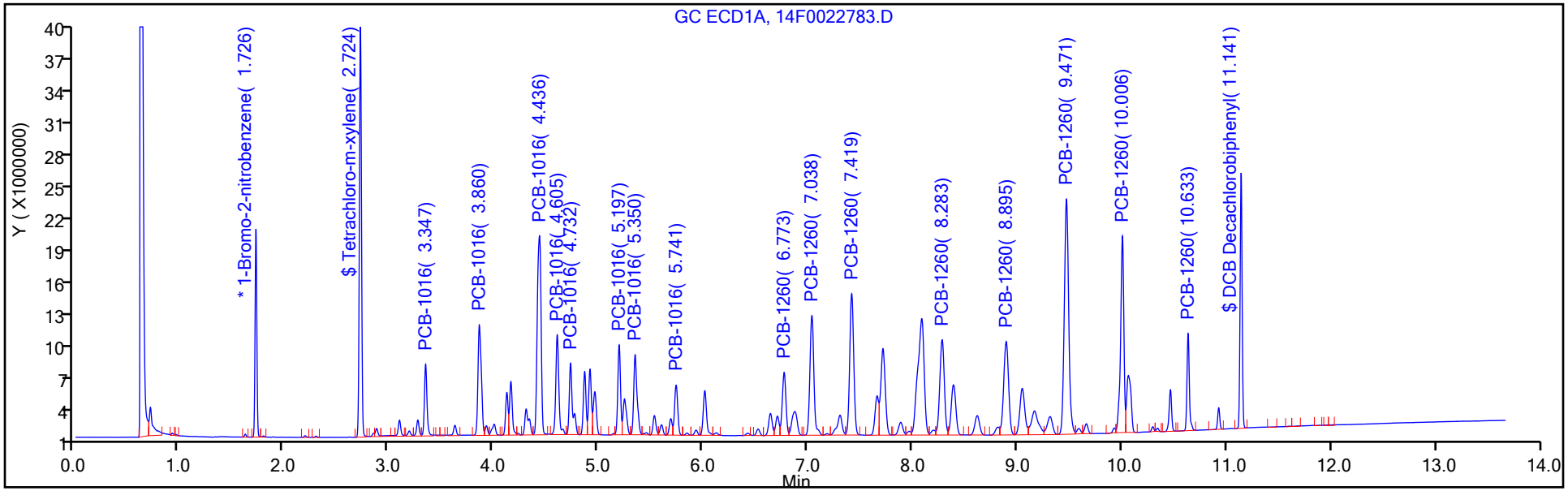
Report Date: 02-May-2022 08:48:25 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

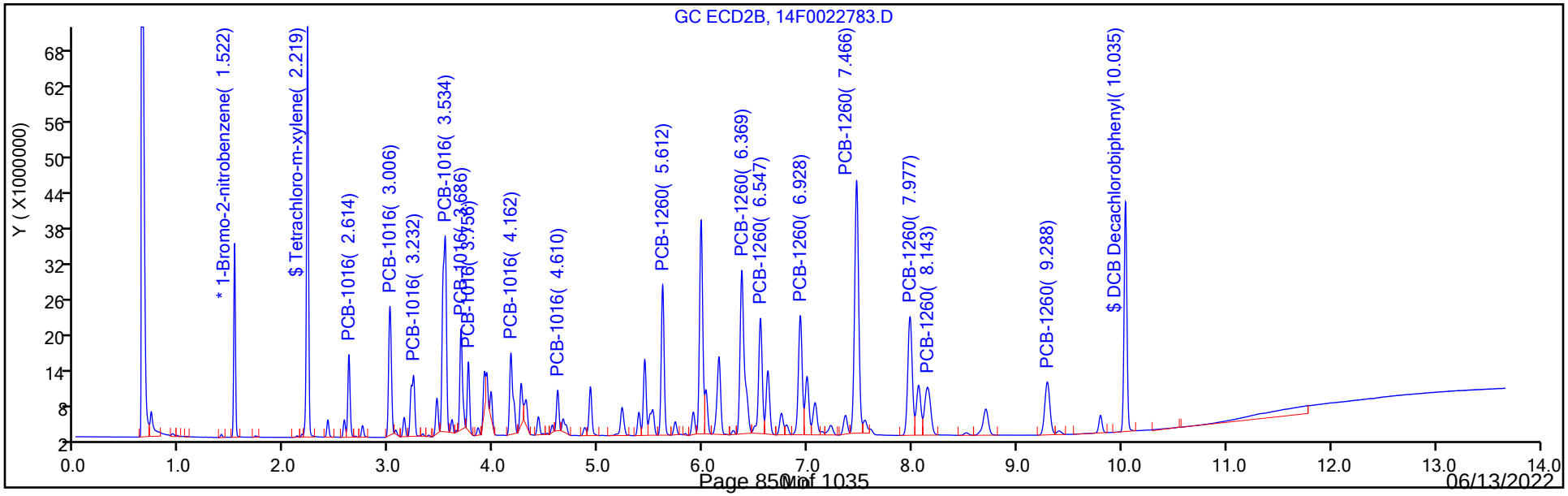
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\14F0022783.D

Injection Date:	02-May-2022 08:15:03	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	LCSD 460-842215/3-A			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	33
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-842215/3-A

Matrix: Solid | Lab File ID: 14F0022783.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/30/2022 18:25

Sample wt/vol: 15.00(g) | Date Analyzed: 05/02/2022 08:15

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842361 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	305		67	18
11096-82-5	Aroclor 1260	347		67	18
1336-36-3	Polychlorinated biphenyls, Total	652		67	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		10-150
877-09-8	Tetrachloro-m-xylene	82		42-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\14F0022783.D
Lims ID: LCSD 460-842215/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 02-May-2022 08:15:03 ALS Bottle#: 33 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0144762-010
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-May-2022 08:48:18 Calib Date: 03-Mar-2022 10:07:21
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20220302-142137.b\14F0021121.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1671

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.726	1.720	0.006	22554356	20.0	20.0	
2	1.522	1.515	0.007	36915493	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.724	2.717	0.007	54052540	50.0	42.3	
2	2.219	2.210	0.009	91464766	50.0	41.1	
						RPD = 3.02	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	3.347	3.340	0.007	11444304	500.0	548.7	
1	3.860	3.854	0.006	23002288	500.0	521.3	
1	4.436	4.429	0.007	46933902	500.0	504.8	
1	4.605	4.598	0.007	18925745	500.0	528.1	
1	4.732	4.725	0.007	14573076	500.0	656.8	
1	5.197	5.190	0.007	14985345	500.0	526.5	
1	5.350	5.342	0.008	16455620	500.0	590.1	
1	5.741	5.734	0.007	9873373	500.0	530.5	
		Average of Peak Amounts =				550.8	
2	2.614	2.605	0.009	21097023	500.0	529.9	
2	3.006	2.996	0.010	39299324	500.0	483.5	
2	3.232	3.222	0.010	26830115	500.0	501.7	
2	3.534	3.523	0.011	83598019	500.0	468.8	
2	3.686	3.675	0.011	29851230	500.0	422.3	
2	3.756	3.745	0.011	17381463	500.0	414.7	
2	4.162	4.151	0.011	31270897	500.0	452.2	
2	4.610	4.599	0.011	10905347	500.0	386.8	
		Average of Peak Amounts =				457.5	
						RPD = 18.52	
8 PCB-1260							
1	6.773	6.763	0.010	14300247	500.0	612.1	
1	7.038	7.029	0.009	29467923	500.0	558.6	
1	7.419	7.410	0.009	34888317	500.0	584.7	
1	8.283	8.271	0.012	26918002	500.0	583.1	
1	8.895	8.883	0.012	28366490	500.0	596.8	
1	9.471	9.461	0.010	63448470	500.0	605.6	
1	10.006	10.000	0.006	39761798	500.0	580.3	
1	10.633	10.626	0.007	14205651	500.0	519.4	
		Average of Peak Amounts =				580.1	
2	5.612	5.601	0.011	48789776	500.0	537.3	
2	6.369	6.355	0.014	80566174	500.0	509.3	
2	6.547	6.534	0.013	47669564	500.0	546.0	
2	6.928	6.913	0.015	51356264	500.0	536.5	
2	7.466	7.450	0.016	114609789	500.0	523.8	
2	7.977	7.958	0.019	59338584	500.0	539.1	
2	8.143	8.125	0.018	32123394	500.0	494.0	
2	9.288	9.269	0.019	30587916	500.0	473.5	
		Average of Peak Amounts =				520.0	
						RPD = 10.93	
$ 11 DCB Decachlorobiphenyl							
1	11.141	11.130	0.011	31647634	50.0	45.8	
2	10.035	10.025	0.010	72639031	50.0	43.7	
						RPD = 4.55	

Reagents:

SGPCBISTD_00025 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-May-2022 08:48:26 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20220502-144762.b\14F0022783.D

Injection Date: 02-May-2022 08:15:03 Instrument ID: CPESTGC14 Operator ID:

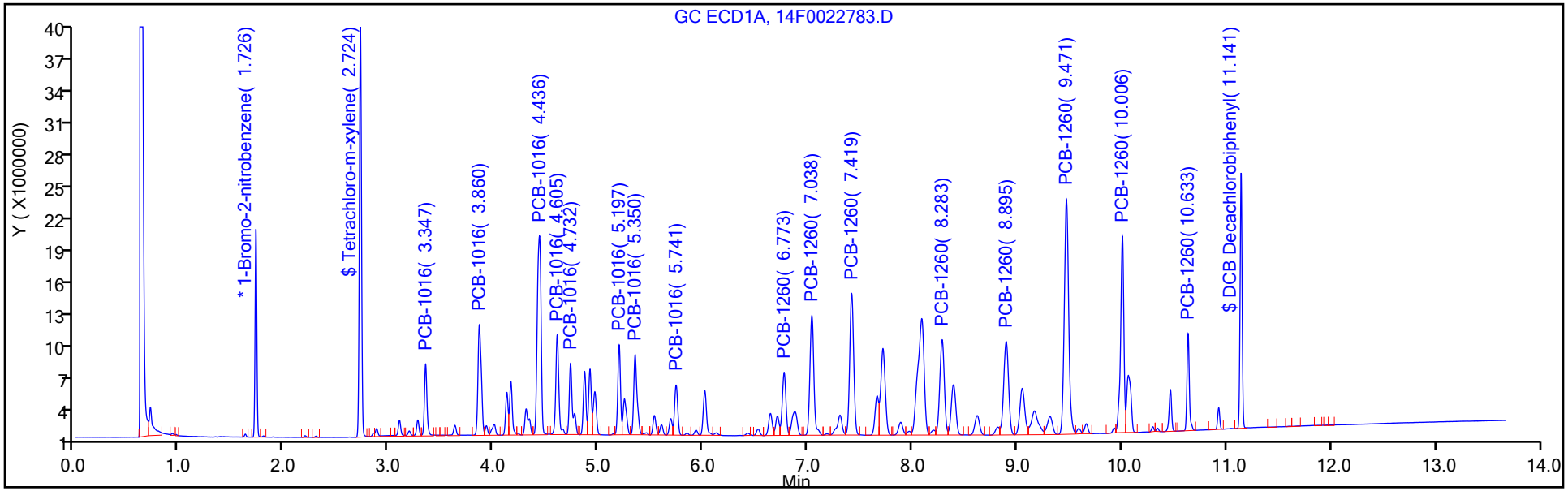
Lims ID: LCSD 460-842215/3-A Worklist Smp#: 10

Client ID:

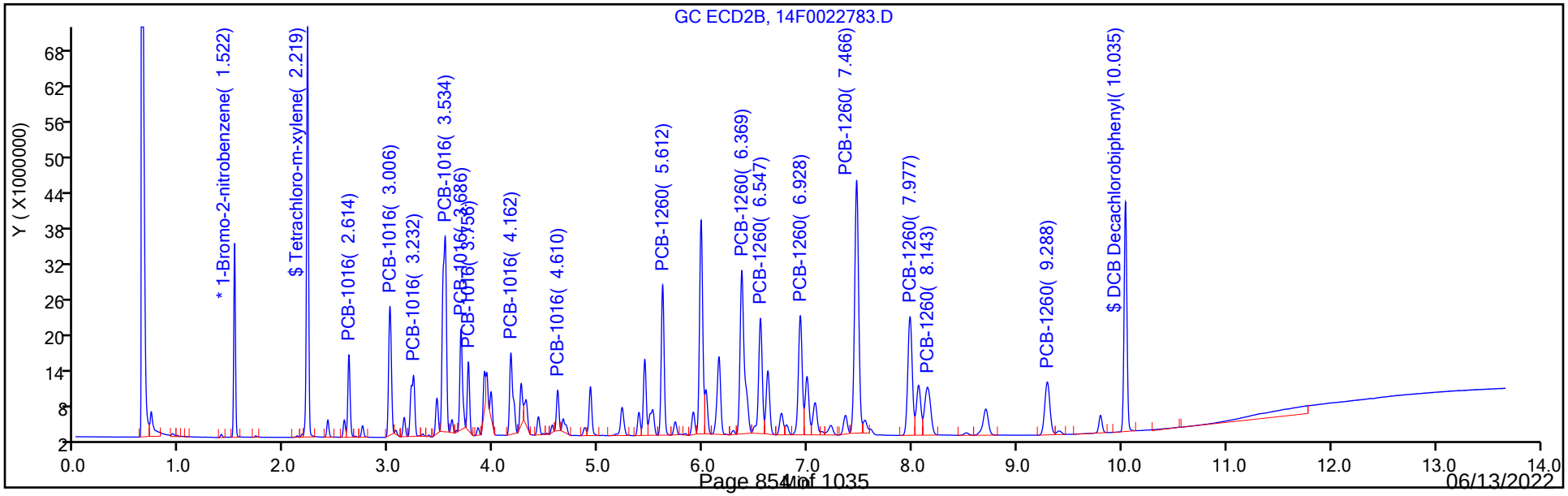
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 33

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-257224-A-6-D MS

Matrix: Solid | Lab File ID: 14F0022787.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/30/2022 18:25

Sample wt/vol: 15.00(g) | Date Analyzed: 05/02/2022 09:21

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 81.0 % Solids: 19.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842361 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*1990*		*350*	*94*
11104-28-2	*Aroclor 1221*	*94*	*U*	*350*	*94*
11141-16-5	*Aroclor 1232*	*94*	*U*	*350*	*94*
53469-21-9	*Aroclor 1242*	*94*	*U*	*350*	*94*
12672-29-6	*Aroclor 1248*	*94*	*U*	*350*	*94*
11097-69-1	*Aroclor 1254*	*94*	*U*	*350*	*94*
11096-82-5	*Aroclor 1260*	*1980*		*350*	*94*
37324-23-5	*Aroclor-1262*	*94*	*U*	*350*	*94*
11100-14-4	*Aroclor 1268*	*94*	*U*	*350*	*94*
1336-36-3	*Polychlorinated biphenyls, Total*	*3970*		*350*	*94*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		10-150
877-09-8	Tetrachloro-m-xylene	88		42-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-257224-A-6-D MS

Matrix: Solid | Lab File ID: 14F0022787.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/30/2022 18:25

Sample wt/vol: 15.00(g) | Date Analyzed: 05/02/2022 09:21

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 81.0 % Solids: 19.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842361 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	1320		350	94
11104-28-2	Aroclor 1221	94	U	350	94
11141-16-5	Aroclor 1232	94	U	350	94
53469-21-9	Aroclor 1242	94	U	350	94
12672-29-6	Aroclor 1248	94	U	350	94
11097-69-1	Aroclor 1254	94	U	350	94
11096-82-5	Aroclor 1260	1300		350	94
37324-23-5	Aroclor-1262	94	U	350	94
11100-14-4	Aroclor 1268	94	U	350	94
1336-36-3	Polychlorinated biphenyls, Total	2620		350	94

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	68		10-150
877-09-8	Tetrachloro-m-xylene	63		42-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-257224-A-6-E MSD

Matrix: Solid | Lab File ID: 14F0022788.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/30/2022 18:25

Sample wt/vol: 15.00(g) | Date Analyzed: 05/02/2022 09:38

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 81.0 % Solids: 19.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842361 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*1930*		*350*	*94*
11104-28-2	*Aroclor 1221*	*94*	*U*	*350*	*94*
11141-16-5	*Aroclor 1232*	*94*	*U*	*350*	*94*
53469-21-9	*Aroclor 1242*	*94*	*U*	*350*	*94*
12672-29-6	*Aroclor 1248*	*94*	*U*	*350*	*94*
11097-69-1	*Aroclor 1254*	*94*	*U*	*350*	*94*
11096-82-5	*Aroclor 1260*	*1890*		*350*	*94*
37324-23-5	*Aroclor-1262*	*94*	*U*	*350*	*94*
11100-14-4	*Aroclor 1268*	*94*	*U*	*350*	*94*
1336-36-3	*Polychlorinated biphenyls, Total*	*3820*		*350*	*94*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		10-150
877-09-8	Tetrachloro-m-xylene	85		42-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-257224-A-6-E MSD

Matrix: Solid | Lab File ID: 14F0022788.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/30/2022 18:25

Sample wt/vol: 15.00(g) | Date Analyzed: 05/02/2022 09:38

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 81.0 % Solids: 19.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 842361 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	1370		350	94
11104-28-2	Aroclor 1221	94	U	350	94
11141-16-5	Aroclor 1232	94	U	350	94
53469-21-9	Aroclor 1242	94	U	350	94
12672-29-6	Aroclor 1248	94	U	350	94
11097-69-1	Aroclor 1254	94	U	350	94
11096-82-5	Aroclor 1260	1360		350	94
37324-23-5	Aroclor-1262	94	U	350	94
11100-14-4	Aroclor 1268	94	U	350	94
1336-36-3	Polychlorinated biphenyls, Total	2730		350	94

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	69		10-150
877-09-8	Tetrachloro-m-xylene	65		42-150

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: CPESTGC14 Start Date: 03/02/2022 18:16

Analysis Batch Number: 831251 End Date: 03/03/2022 10:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-831251/1		03/02/2022 18:16	1		Rtx-CLP 0.53(mm)
PIBLK 460-831251/1		03/02/2022 18:16	1		CLP-2 0.53(mm)
IC 460-831251/2 ICIS		03/02/2022 18:33	1	14F0021106.D	Rtx-CLP 0.53(mm)
IC 460-831251/2 ICIS		03/02/2022 18:33	1	14F0021106.D	CLP-2 0.53(mm)
IC 460-831251/3		03/02/2022 18:50	1	14F0021107.D	Rtx-CLP 0.53(mm)
IC 460-831251/3		03/02/2022 18:50	1	14F0021107.D	CLP-2 0.53(mm)
IC 460-831251/4		03/02/2022 19:06	1	14F0021108.D	Rtx-CLP 0.53(mm)
IC 460-831251/4		03/02/2022 19:06	1	14F0021108.D	CLP-2 0.53(mm)
IC 460-831251/6		03/02/2022 19:39	1	14F0021110.D	Rtx-CLP 0.53(mm)
IC 460-831251/6		03/02/2022 19:39	1	14F0021110.D	CLP-2 0.53(mm)
IC 460-831251/9		03/02/2022 20:29	1	14F0021113.D	Rtx-CLP 0.53(mm)
IC 460-831251/9		03/02/2022 20:29	1	14F0021113.D	CLP-2 0.53(mm)
IC 460-831251/10		03/02/2022 20:46	1	14F0021114.D	Rtx-CLP 0.53(mm)
IC 460-831251/10		03/02/2022 20:46	1	14F0021114.D	CLP-2 0.53(mm)
IC 460-831251/11		03/02/2022 21:03	1	14F0021115.D	Rtx-CLP 0.53(mm)
IC 460-831251/11		03/02/2022 21:03	1	14F0021115.D	CLP-2 0.53(mm)
IC 460-831251/12		03/02/2022 21:19	1	14F0021116.D	Rtx-CLP 0.53(mm)
IC 460-831251/12		03/02/2022 21:19	1	14F0021116.D	CLP-2 0.53(mm)
IC 460-831251/13		03/02/2022 21:36	1	14F0021117.D	Rtx-CLP 0.53(mm)
IC 460-831251/13		03/02/2022 21:36	1	14F0021117.D	CLP-2 0.53(mm)
IC 460-831251/14		03/02/2022 21:52	1	14F0021118.D	Rtx-CLP 0.53(mm)
IC 460-831251/14		03/02/2022 21:52	1	14F0021118.D	CLP-2 0.53(mm)
IC 460-831251/15		03/02/2022 22:09	1	14F0021119.D	Rtx-CLP 0.53(mm)
IC 460-831251/15		03/02/2022 22:09	1	14F0021119.D	CLP-2 0.53(mm)
IC 460-831251/17		03/03/2022 10:07	1	14F0021121.D	Rtx-CLP 0.53(mm)
IC 460-831251/17		03/03/2022 10:07	1	14F0021121.D	CLP-2 0.53(mm)
ICV 460-831251/18		03/03/2022 10:23	1	14F0021122.D	Rtx-CLP 0.53(mm)
ICV 460-831251/18		03/03/2022 10:23	1	14F0021122.D	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: CPESTGC14 Start Date: 05/02/2022 05:45

Analysis Batch Number: 842361 End Date: 05/02/2022 15:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-842361/1		05/02/2022 05:45	1	14F0022774.D	Rtx-CLP 0.53(mm)
PIBLK 460-842361/1		05/02/2022 05:45	1	14F0022774.D	CLP-2 0.53(mm)
CCVIS 460-842361/2		05/02/2022 06:02	1	14F0022775.D	Rtx-CLP 0.53(mm)
CCVIS 460-842361/2		05/02/2022 06:02	1	14F0022775.D	CLP-2 0.53(mm)
ZZZZZ		05/02/2022 06:18	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 06:18	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 06:35	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 06:35	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 06:52	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 06:52	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 07:08	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 07:08	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 07:25	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 07:25	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 07:41	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 07:41	1		CLP-2 0.53(mm)
LCS 460-842215/2-A		05/02/2022 07:58	1	14F0022782.D	Rtx-CLP 0.53(mm)
LCS 460-842215/2-A		05/02/2022 07:58	1	14F0022782.D	CLP-2 0.53(mm)
LCSD 460-842215/3-A		05/02/2022 08:15	1	14F0022783.D	Rtx-CLP 0.53(mm)
LCSD 460-842215/3-A		05/02/2022 08:15	1	14F0022783.D	CLP-2 0.53(mm)
MB 460-842215/1-A		05/02/2022 08:31	1	14F0022784.D	Rtx-CLP 0.53(mm)
MB 460-842215/1-A		05/02/2022 08:31	1	14F0022784.D	CLP-2 0.53(mm)
460-257083-1	CC-COMP-01	05/02/2022 08:48	1	14F0022785.D	Rtx-CLP 0.53(mm)
460-257083-1	CC-COMP-01	05/02/2022 08:48	1	14F0022785.D	CLP-2 0.53(mm)
ZZZZZ		05/02/2022 09:04	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 09:04	1		CLP-2 0.53(mm)
460-257224-A-6-D MS		05/02/2022 09:21	1	14F0022787.D	Rtx-CLP 0.53(mm)
460-257224-A-6-D MS		05/02/2022 09:21	1	14F0022787.D	CLP-2 0.53(mm)
460-257224-A-6-E MSD		05/02/2022 09:38	1	14F0022788.D	Rtx-CLP 0.53(mm)
460-257224-A-6-E MSD		05/02/2022 09:38	1	14F0022788.D	CLP-2 0.53(mm)
ZZZZZ		05/02/2022 09:54	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 09:54	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 10:11	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 10:11	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 10:27	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 10:27	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 10:44	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 10:44	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 11:01	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 11:01	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 11:17	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 11:17	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 11:34	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 11:34	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 11:50	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 11:50	1		CLP-2 0.53(mm)

8082A

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: CPESTGC14 Start Date: 05/02/2022 05:45

Analysis Batch Number: 842361 End Date: 05/02/2022 15:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		05/02/2022 12:07	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 12:07	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 12:24	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 12:24	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 12:40	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 12:40	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 12:57	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 12:57	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 13:13	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 13:13	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 13:30	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 13:30	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 13:47	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 13:47	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 14:03	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 14:03	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 14:20	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 14:20	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 14:37	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 14:37	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 14:53	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 14:53	1		CLP-2 0.53(mm)
ZZZZZ		05/02/2022 15:10	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/02/2022 15:10	1		CLP-2 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 831251 Batch Start Date: 03/02/22 18:16 Batch Analyst: Patel, Jignesh

Batch Method: 8082A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1221L4 00032	SG1232L4 00034	SG1242L4 00033	SG1248L4 00033	SG1254L4 00033	SG1260ResPCB 00002
IC 460-831251/2 ICIS		8082A							1 mL
IC 460-831251/3		8082A							1 mL
IC 460-831251/4		8082A							
IC 460-831251/6		8082A							
IC 460-831251/9		8082A		1 mL					
IC 460-831251/10		8082A			1 mL				
IC 460-831251/11		8082A				1 mL			
IC 460-831251/12		8082A					1 mL		
IC 460-831251/13		8082A						1 mL	
IC 460-831251/14		8082A							
IC 460-831251/15		8082A							
IC 460-831251/17		8082A							
ICV 460-831251/18		8082A							

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1262L4 00033	SG1268L4 00033	SG1660L1 00025	SG1660L2 00034	SG1660L3 00041	SG1660L4 00033
IC 460-831251/2 ICIS		8082A						1 mL	
IC 460-831251/3		8082A				1 mL			
IC 460-831251/4		8082A					1 mL		
IC 460-831251/6		8082A							
IC 460-831251/9		8082A							
IC 460-831251/10		8082A							
IC 460-831251/11		8082A							
IC 460-831251/12		8082A							
IC 460-831251/13		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 831251 Batch Start Date: 03/02/22 18:16 Batch Analyst: Patel, Jignesh

Batch Method: 8082A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1262L4 00033	SG1268L4 00033	SG1660L1 00025	SG1660L2 00034	SG1660L3 00041	SG1660L4 00033
IC 460-831251/14		8082A		1 mL					
IC 460-831251/15		8082A			1 mL				
IC 460-831251/17		8082A							1 mL
ICV 460-831251/18		8082A							

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1660L5 00033	SGPCBICV 00030	SGPCBISTD 00024			
IC 460-831251/2 ICIS		8082A				20 uL			
IC 460-831251/3		8082A				20 uL			
IC 460-831251/4		8082A				20 uL			
IC 460-831251/6		8082A		1 mL		20 uL			
IC 460-831251/9		8082A				20 uL			
IC 460-831251/10		8082A				20 uL			
IC 460-831251/11		8082A				20 uL			
IC 460-831251/12		8082A				20 uL			
IC 460-831251/13		8082A				20 uL			
IC 460-831251/14		8082A				20 uL			
IC 460-831251/15		8082A				20 uL			
IC 460-831251/17		8082A				20 uL			
ICV 460-831251/18		8082A			1 mL	20 uL			

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 842215 Batch Start Date: 04/30/22 18:25 Batch Analyst: Biri, Zouher X

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBSP 00046	OPPSTPCBSURR 00022		
MB 460-842215/1		3546, 8082A		15.00 g	10 mL		50 uL		
LCS 460-842215/2		3546, 8082A		15.00 g	10 mL	50 uL	50 uL		
LCSD 460-842215/3		3546, 8082A		15.00 g	10 mL	50 uL	50 uL		
460-257224-A-6 MS		3546, 8082A	T	15.00 g	10 mL	50 uL	50 uL		
460-257224-A-6 MSD		3546, 8082A	T	15.00 g	10 mL	50 uL	50 uL		
460-257083-E-1	CC-COMP-01	3546, 8082A	T	15.00 g	10 mL		50 uL		

Batch Notes	
Method/Fraction	3546 / 8082 SOIL
Microwave Oven ID	MD1952/5095/4965
Analyst ID - Extraction	Jose
Blank Matrix ID	181427
Analyst ID - Spike Analyst	Jose
Analyst ID - Spike Witness Analyst	AA
Prep Solvent ID	Acetone 21J2762007/Hexane 21K1062013
Na2SO4 ID	195259
Analyst ID - Concentration	Jose
Equipment ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	35 Degrees C
Concentration 1 Corrected Temperature	35 Degrees C
Acid used for Clean Up ID	276386
Copper ID	LOT# 913270-BJ
Batch Comment	PCB SOIL

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS

COVER PAGE
METALS

Lab Name: Eurofins Edison Job Number: 460-257083-1

SDG No.:

Project: Bridge Cleaners, Long Island City, NY

Client Sample ID	Lab Sample ID
CC-COMP-01	460-257083-1

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: CC-COMP-01 | Lab Sample ID: 460-257083-1

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG ID.:

Matrix: Solid | Date Sampled: 04/27/2022 09:30

Reporting Basis: DRY | Date Received: 04/27/2022 17:00

% Solids: 98.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	0.090	0.41	0.090	mg/Kg	U		1	6020B
7429-90-5	Aluminum	4940	20.3	5.6	mg/Kg			1	6020B
7440-38-2	Arsenic	2.1	1.0	0.10	mg/Kg			1	6020B
7440-39-3	Barium	34.8	2.0	0.15	mg/Kg			1	6020B
7440-41-7	Beryllium	0.21	0.41	0.058	mg/Kg	J		1	6020B
7440-70-2	Calcium	60700	405	71.7	mg/Kg			4	6020B
7440-43-9	Cadmium	0.11	1.0	0.11	mg/Kg	U		1	6020B
7440-48-4	Cobalt	2.6	2.0	0.15	mg/Kg			1	6020B
7440-47-3	Chromium	92.2	2.0	0.92	mg/Kg			1	6020B
7440-50-8	Copper	4.9	2.0	0.37	mg/Kg			1	6020B
7439-89-6	Iron	6880	60.8	20.5	mg/Kg			1	6020B
7440-09-7	Potassium	937	101	16.4	mg/Kg			1	6020B
7439-95-4	Magnesium	10200	101	10.3	mg/Kg			1	6020B
7439-96-5	Manganese	147	4.1	0.41	mg/Kg			1	6020B
7440-23-5	Sodium	913	101	46.3	mg/Kg			1	6020B
7440-02-0	Nickel	5.1	2.0	0.48	mg/Kg			1	6020B
7439-92-1	Lead	3.4	0.61	0.20	mg/Kg			1	6020B
7440-36-0	Antimony	0.15	1.0	0.15	mg/Kg	U	F1	1	6020B
7782-49-2	Selenium	0.13	1.3	0.13	mg/Kg	U		1	6020B
7440-28-0	Thallium	0.050	0.41	0.042	mg/Kg	J		1	6020B
7440-62-2	Vanadium	8.8	2.0	0.21	mg/Kg			1	6020B
7440-66-6	Zinc	13.7	8.1	3.1	mg/Kg			1	6020B
7439-97-6	Mercury	0.0076	0.016	0.0076	mg/Kg	U		1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TCLP

Client Sample ID: CC-COMP-01 Lab Sample ID: 460-257083-1

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG ID.:

Matrix: Solid Date Sampled: 04/27/2022 09:30

Reporting Basis: WET Date Received: 04/27/2022 17:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.9	20.0	2.9	ug/L	U		10	6020B
7440-38-2	Arsenic	8.9	20.0	8.9	ug/L	U		10	6020B
7440-39-3	Barium	102	40.0	9.1	ug/L			10	6020B
7440-43-9	Cadmium	3.9	20.0	3.9	ug/L	U		10	6020B
7440-47-3	Chromium	25.0	40.0	25.0	ug/L	U		10	6020B
7439-92-1	Lead	8.4	12.0	8.4	ug/L	U		10	6020B
7782-49-2	Selenium	5.9	25.0	5.9	ug/L	U		10	6020B
7440-02-0	Nickel	9.1	40.0	9.1	ug/L	U		10	6020B
7439-97-6	Mercury	0.000091	0.00020	0.000091	mg/L	U		1	7470A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

ICV Source: ME_ICV_00074 Concentration Units: ug/L

CCV Source: ME_Cal4_00110

Analyte	ICV 460-842402/7 05/02/2022 09:49				CCV 460-842402/14 05/02/2022 10:12				CCV 460-842402/146 05/02/2022 15:53			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	19800		20000	99	25230		25000	101				
Antimony	77.88		80.0	97	97.35		100	97				
Arsenic	80.20		80.0	100	99.69		100	100	101.0		100	101
Barium	78.35		80.0	98	97.20		100	97	97.83		100	98
Beryllium	78.59		80.0	98	96.73		100	97				
Cadmium	77.91		80.0	97	99.80		100	100	101.0		100	101
Calcium	19780		20000	99	25160		25000	101				
Chromium	79.66		80.0	100	99.99		100	100	104.1		100	104
Cobalt	79.87		80.0	100	100.5		100	101				
Copper	80.09		80.0	100	100.7		100	101				
Iron	19890		20000	99	25220		25000	101				
Lead	78.37		80.0	98	99.67		100	100	103.1		100	103
Magnesium	19930		20000	100	25160		25000	101				
Manganese	78.26		80.0	98	100.4		100	100				
Nickel	80.06		80.0	100	100.2		100	100	102.7		100	103
Potassium	19940		20000	100	25100		25000	100				
Selenium	80.11		80.0	100	100.1		100	100	103.5		100	103
Silver	39.33		40.0	98	49.25		50.0	98	50.75		50.0	101
Sodium	19760		20000	99	25070		25000	100				
Thallium	78.04		80.0	98	99.73		100	100				
Vanadium	79.54		80.0	99	99.70		100	100				
Zinc	200.1		200	100	248.6		250	99				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

ICV Source: ME_ICV_00074 Concentration Units: ug/L

CCV Source: ME_Cal4_00110

Analyte	CCV 460-842402/158 05/02/2022 16:21				CCV 460-842402/170 05/02/2022 16:49				CCV 460-842402/245 05/02/2022 21:02			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum									25120		25000	100
Antimony									101.7		100	102
Arsenic	104.0		100	104	102.5		100	102	105.3		100	105
Barium	98.20		100	98	97.99		100	98	103.1		100	103
Beryllium									101.3		100	101
Cadmium	102.4		100	102	101.1		100	101	103.8		100	104
Calcium									25860		25000	103
Chromium	101.6		100	102	101.8		100	102	105.2		100	105
Cobalt									107.5		100	108
Copper									107.4		100	107
Iron									26540		25000	106
Lead	103.1		100	103	103.7		100	104	105.2		100	105
Magnesium									25690		25000	103
Manganese									104.3		100	104
Nickel	101.4		100	101	102.2		100	102	106.1		100	106
Potassium									25480		25000	102
Selenium	100.2		100	100	100.0		100	100	102.1		100	102
Silver	50.46		50.0	101	51.27		50.0	103	50.76		50.0	102
Sodium									25500		25000	102
Thallium									103.8		100	104
Vanadium									103.7		100	104
Zinc									256.1		250	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

ICV Source: ME_ICV_00074 Concentration Units: ug/L

CCV Source: ME_Cal4_00110

Analyte	CCV 460-842402/257 05/02/2022 21:30				CCV 460-842402/290 05/02/2022 22:55				CCV 460-842402/298 05/02/2022 23:14			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	25090		25000	100	25480		25000	102	25660		25000	103
Antimony	102.5		100	102	101.8		100	102	102.3		100	102
Arsenic	105.4		100	105	105.1		100	105	105.0		100	105
Barium	99.14		100	99	99.28		100	99	98.75		100	99
Beryllium	102.0		100	102	98.39		100	98	101.3		100	101
Cadmium	105.2		100	105	107.1		100	107	104.1		100	104
Calcium	25770		25000	103	26010		25000	104	25950		25000	104
Chromium	104.1		100	104	106.0		100	106	106.3		100	106
Cobalt	107.2		100	107	107.4		100	107	108.1		100	108
Copper	107.2		100	107	106.9		100	107	107.4		100	107
Iron	26420		25000	106	26920		25000	108	26850		25000	107
Lead	105.9		100	106	106.6		100	107	105.8		100	106
Magnesium	25690		25000	103	26120		25000	104	26250		25000	105
Manganese	105.7		100	106	104.9		100	105	103.6		100	104
Nickel	105.9		100	106	106.1		100	106	106.3		100	106
Potassium	25540		25000	102	25630		25000	103	25710		25000	103
Selenium	103.8		100	104	107.3		100	107	104.2		100	104
Silver	51.03		50.0	102	51.32		50.0	103	51.66		50.0	103
Sodium	25650		25000	103	26010		25000	104	26190		25000	105
Thallium	105.0		100	105	105.0		100	105	104.8		100	105
Vanadium	105.0		100	105	106.6		100	107	105.7		100	106
Zinc	252.9		250	101	252.8		250	101	255.4		250	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

ICV Source: ME_ICV_00074 Concentration Units: ug/L

CCV Source: ME_Cal4_00110

Analyte	CCV 460-842402/310 05/02/2022 23:42											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	25260		25000	101								
Antimony	103.4		100	103								
Arsenic	107.4		100	107								
Barium	102.5		100	103								
Beryllium	101.6		100	102								
Cadmium	105.6		100	106								
Calcium	26160		25000	105								
Chromium	106.1		100	106								
Cobalt	109.3		100	109								
Copper	109.7		100	110								
Iron	26700		25000	107								
Lead	107.3		100	107								
Magnesium	25960		25000	104								
Manganese	105.6		100	106								
Nickel	108.0		100	108								
Potassium	25690		25000	103								
Selenium	105.5		100	106								
Silver	51.75		50.0	104								
Sodium	26000		25000	104								
Thallium	107.2		100	107								
Vanadium	105.9		100	106								
Zinc	261.0		250	104								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

ICV Source: ME_DQCS-INT_03785 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_04048

Analyte	ICV 460-842004/31-A 04/29/2022 13:47				CCV 460-842004/35-A 04/29/2022 15:59				CCV 460-842004/35-A 04/29/2022 16:19			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	4.88		5.00	98	4.97		5.00	99	4.85		5.00	97

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

ICV Source: ME_DQCS-INT_03785 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_04048

Analyte	CCV 460-842004/35-A 04/29/2022 16:40				CCV 460-842004/35-A 04/29/2022 17:01							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	4.99		5.00	100	4.98		5.00	100				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

ICV Source: ME_DQCS-INT_03786 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_04049

Analyte	ICV 460-842377/9 05/02/2022 03:34				CCV 460-842377/11 05/02/2022 03:38				CCV 460-842377/23 05/02/2022 04:00			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	4.89		5.00	98	4.92		5.00	98	4.89		5.00	98

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Method: 7470A Instrument ID: LEEMAN6

Lab Sample ID: CRI 460-842004/32-A Concentration Units: ug/L

CRQL Check Standard Source: ME_DCAL-IN_04048

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.207		104	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-842402/8 05/02/2022 09:51		CCB 460-842402/15 05/02/2022 10:14		CCB 460-842402/147 05/02/2022 15:55		CCB 460-842402/159 05/02/2022 16:23	
		Found	C	Found	C	Found	C	Found	C
Aluminum	40.0	19.5	U	19.5	U				
Antimony	2.0	0.76	U	0.76	U				
Arsenic	2.0	0.89	U	0.89	U	0.89	U	0.89	U
Barium	4.0	0.91	U	0.91	U	0.91	U	0.91	U
Beryllium	0.80	0.13	U	0.13	U				
Cadmium	2.0	0.39	U	0.39	U	0.39	U	0.39	U
Calcium	500	53.6	U	53.6	U				
Chromium	4.0	2.5	U	2.5	U	2.5	U	2.5	U
Cobalt	4.0	0.71	U	0.71	U				
Copper	4.0	2.5	U	2.5	U				
Iron	120	58.2	U	58.2	U				
Lead	1.2	0.84	U	0.84	U	0.84	U	0.84	U
Magnesium	200	46.9	U	46.9	U				
Manganese	8.0	1.5	U	1.5	U				
Nickel	4.0	0.91	U	0.91	U	0.91	U	0.91	U
Potassium	200	112	U	112	U				
Selenium	2.5	0.59	U	0.59	U	0.59	U	0.59	U
Silver	2.0	0.29	U	0.29	U	0.29	U	0.29	U
Sodium	500	163	U	163	U				
Thallium	0.80	0.21	U	0.21	U				
Vanadium	4.0	0.68	U	0.68	U				
Zinc	16.0	6.5	U	6.5	U				

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 460-842402/171 05/02/2022 16:51		CCB 460-842402/246 05/02/2022 21:05		CCB 460-842402/258 05/02/2022 21:32		CCB 460-842402/291 05/02/2022 22:58	
		Found	C	Found	C	Found	C	Found	C
Aluminum	40.0			54.9	U	54.9	U	54.9	U
Antimony	2.0			1.5	U	1.5	U	1.5	U
Arsenic	2.0	0.89	U	1.0	U	1.0	U	1.0	U
Barium	4.0	0.91	U	1.5	U	1.5	U	1.5	U
Beryllium	0.80			0.57	U	0.57	U	0.57	U
Cadmium	2.0	0.39	U	1.1	U	1.1	U	1.1	U
Calcium	500			177	U	177	U	177	U
Chromium	4.0	2.5	U	9.1	U	9.1	U	9.1	U
Cobalt	4.0			1.5	U	1.5	U	1.5	U
Copper	4.0			3.7	U	3.7	U	3.7	U
Iron	120			202	U	202	U	202	U
Lead	1.2	0.84	U	2.0	U	2.0	U	2.0	U
Magnesium	200			102	U	102	U	102	U
Manganese	8.0			4.0	U	4.0	U	4.0	U
Nickel	4.0	0.91	U	4.7	U	4.7	U	4.7	U
Potassium	200			162	U	162	U	162	U
Selenium	2.5	0.59	U	1.3	U	1.3	U	1.3	U
Silver	2.0	0.29	U	0.89	U	0.89	U	0.89	U
Sodium	500			457	U	457	U	457	U
Thallium	0.80			0.41	U	0.41	U	0.41	U
Vanadium	4.0			2.1	U	2.1	U	2.1	U
Zinc	16.0			30.5	U	30.5	U	30.5	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 460-842402/299 05/02/2022 23:16		CCB 460-842402/311 05/02/2022 23:44					
		Found	C	Found	C	Found	C	Found	C
Aluminum	40.0	54.9	U	54.9	U				
Antimony	2.0	1.5	U	1.5	U				
Arsenic	2.0	1.0	U	1.0	U				
Barium	4.0	1.5	U	1.5	U				
Beryllium	0.80	0.57	U	0.57	U				
Cadmium	2.0	1.1	U	1.1	U				
Calcium	500	177	U	177	U				
Chromium	4.0	9.1	U	9.1	U				
Cobalt	4.0	1.5	U	1.5	U				
Copper	4.0	3.7	U	3.7	U				
Iron	120	202	U	202	U				
Lead	1.2	2.0	U	2.0	U				
Magnesium	200	102	U	102	U				
Manganese	8.0	4.0	U	4.0	U				
Nickel	4.0	4.7	U	4.7	U				
Potassium	200	162	U	162	U				
Selenium	2.5	1.3	U	1.3	U				
Silver	2.0	0.89	U	0.89	U				
Sodium	500	457	U	457	U				
Thallium	0.80	0.41	U	0.41	U				
Vanadium	4.0	2.1	U	2.1	U				
Zinc	16.0	30.5	U	30.5	U				

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-842096/8 04/29/2022 13:48		CCB 460-842096/85 04/29/2022 16:01		CCB 460-842096/97 04/29/2022 16:21		CCB 460-842096/109 04/29/2022 16:42	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.091	U	0.091	U	0.091	U	0.091	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 460-842096/121 04/29/2022 17:02							
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.091	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-842377/10 05/02/2022 03:36		CCB 460-842377/12 05/02/2022 03:40		CCB 460-842377/24 05/02/2022 04:01			
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.091	U	0.091	U	0.091	U		

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-842260/1-A

Instrument Code: ICPMS3 Batch No.: 842402

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	0.089	U		6020B
7429-90-5	Aluminum	5.5	U		6020B
7440-38-2	Arsenic	0.10	U		6020B
7440-39-3	Barium	0.15	U		6020B
7440-41-7	Beryllium	0.057	U		6020B
7440-70-2	Calcium	17.7	U		6020B
7440-43-9	Cadmium	0.11	U		6020B
7440-48-4	Cobalt	0.15	U		6020B
7440-47-3	Chromium	0.91	U		6020B
7440-50-8	Copper	0.37	U		6020B
7439-89-6	Iron	20.2	U		6020B
7440-09-7	Potassium	16.2	U		6020B
7439-95-4	Magnesium	10.2	U		6020B
7439-96-5	Manganese	0.40	U		6020B
7440-23-5	Sodium	45.7	U		6020B
7440-02-0	Nickel	0.47	U		6020B
7439-92-1	Lead	0.20	U		6020B
7440-36-0	Antimony	0.15	U		6020B
7782-49-2	Selenium	0.13	U		6020B
7440-28-0	Thallium	0.041	U		6020B
7440-62-2	Vanadium	0.21	U		6020B
7440-66-6	Zinc	3.1	U		6020B

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-842388/1-A

Instrument Code: ICPMS3 Batch No.: 842402

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	0.29	U		6020B
7440-38-2	Arsenic	0.89	U		6020B
7440-39-3	Barium	0.91	U		6020B
7440-43-9	Cadmium	0.39	U		6020B
7440-47-3	Chromium	2.5	U		6020B
7440-02-0	Nickel	0.91	U		6020B
7439-92-1	Lead	0.84	U		6020B
7782-49-2	Selenium	0.59	U		6020B

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: LB 460-841871/1-E ^10

Instrument Code: ICPMS3 Batch No.: 842402

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	2.9	U		6020B
7440-38-2	Arsenic	8.9	U		6020B
7440-39-3	Barium	9.1	U		6020B
7440-43-9	Cadmium	3.9	U		6020B
7440-47-3	Chromium	25.0	U		6020B
7440-02-0	Nickel	9.1	U		6020B
7439-92-1	Lead	8.4	U		6020B
7782-49-2	Selenium	5.9	U		6020B

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: LB 460-842318/1-C ^10

Instrument Code: ICPMS3 Batch No.: 842402

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	2.9	U		6020B
7440-38-2	Arsenic	8.9	U		6020B
7440-39-3	Barium	9.1	U		6020B
7440-43-9	Cadmium	3.9	U		6020B
7440-47-3	Chromium	25.0	U		6020B
7440-02-0	Nickel	9.1	U		6020B
7439-92-1	Lead	8.4	U		6020B
7782-49-2	Selenium	5.9	U		6020B

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 460-842049/1-A

Instrument Code: LEEMAN6 Batch No.: 842096

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.000091	U		7470A

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: LB 460-841871/1-C

Instrument Code: LEEMAN6 Batch No.: 842096

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.000091	U		7470A

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-842338/10-A

Instrument Code: LEEMAN6 Batch No.: 842377

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.0080	U		7471B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICSA 460-842402/10 Instrument ID: ICPMS3

Lab File ID: 013ICSA.d ICS Source: ME_ICSA_00122

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**100000**	**104140**	**104**
Antimony		**0.0820**	
Arsenic		**0.362**	
Barium		**1.90**	
Beryllium		**-0.0050**	
Cadmium		**0.665**	
Calcium	**100000**	**107188**	**107**
Chromium		**1.14**	
Cobalt		**0.341**	
Copper		**0.949**	
Iron	**100000**	**106744**	**107**
Lead		**0.369**	
Magnesium	**100000**	**105202**	**105**
Manganese		**0.702**	
Nickel		**0.877**	
Potassium	**100000**	**104295**	**104**
Selenium		**0.0700**	
Silver		**0.436**	
Sodium	**100000**	**104989**	**105**
Thallium		**-0.0080**	
Vanadium		**0.442**	
Zinc		**3.71**	
Boron		*5.34*	
Molybdenum	*2000*	*2129*	*106*
Strontium		*2.95*	
Tin		*0.0850*	
Titanium	*2000*	*2057*	*103*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICSAB 460-842402/11 Instrument ID: ICPMS3

Lab File ID: 014ICSB.d ICS Source: ME_ICSAB_00083

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Aluminum	**100000**	**101520**	**102**
Antimony	**100**	**105**	**105**
Arsenic	**200**	**210**	**105**
Barium	**200**	**201**	**100**
Beryllium	**200**	**201**	**100**
Cadmium	**200**	**206**	**103**
Calcium	**100000**	**103293**	**103**
Chromium	**200**	**204**	**102**
Cobalt	**200**	**203**	**101**
Copper	**200**	**200**	**100**
Iron	**100000**	**102705**	**103**
Lead	**200**	**202**	**101**
Magnesium	**100000**	**102399**	**102**
Manganese	**200**	**207**	**104**
Nickel	**200**	**202**	**101**
Potassium	**100000**	**101939**	**102**
Selenium	**200**	**203**	**102**
Silver	**200**	**197**	**99**
Sodium	**100000**	**102157**	**102**
Thallium	**100**	**99.7**	**100**
Vanadium	**200**	**208**	**104**
Zinc	**200**	**198**	**99**
Boron		*19.7*	
Molybdenum	*2000*	*2052*	*103*
Strontium	*200*	*207*	*103*
Tin	*200*	*202*	*101*
Titanium	*2000*	*2047*	*102*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICSA 460-842402/285 Instrument ID: ICPMS3

Lab File ID: 303ICSA.d ICS Source: ME_ICSA_00122

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**100000**	**102909**	**103**
Antimony		**0.0930**	
Arsenic		**0.606**	
Barium		**2.04**	
Beryllium		**-0.0310**	
Cadmium		**0.683**	
Calcium	**100000**	**106227**	**106**
Chromium		**0.908**	
Cobalt		**0.342**	
Copper		**1.10**	
Iron	**100000**	**108256**	**108**
Lead		**0.895**	
Magnesium	**100000**	**103424**	**103**
Manganese		**1.10**	
Nickel		**1.06**	
Potassium	**100000**	**103895**	**104**
Selenium		**0.0430**	
Silver		**0.423**	
Sodium	**100000**	**107574**	**108**
Thallium		**-0.0450**	
Vanadium		**0.0270**	
Zinc		**3.54**	
Boron		*6.51*	
Molybdenum	*2000*	*2166*	*108*
Strontium		*2.79*	
Tin		*0.285*	
Titanium	*2000*	*2056*	*103*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Lab Sample ID: ICSAB 460-842402/286 Instrument ID: ICPMS3

Lab File ID: 304ICSB.d ICS Source: ME_ICSAB_00083

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Aluminum	**100000**	**100202**	**100**
Antimony	**100**	**108**	**108**
Arsenic	**200**	**207**	**104**
Barium	**200**	**203**	**101**
Beryllium	**200**	**193**	**97**
Cadmium	**200**	**209**	**104**
Calcium	**100000**	**103442**	**103**
Chromium	**200**	**209**	**105**
Cobalt	**200**	**209**	**104**
Copper	**200**	**206**	**103**
Iron	**100000**	**104672**	**105**
Lead	**200**	**207**	**104**
Magnesium	**100000**	**101147**	**101**
Manganese	**200**	**211**	**106**
Nickel	**200**	**210**	**105**
Potassium	**100000**	**102185**	**102**
Selenium	**200**	**206**	**103**
Silver	**200**	**201**	**101**
Sodium	**100000**	**104410**	**104**
Thallium	**100**	**102**	**102**
Vanadium	**200**	**210**	**105**
Zinc	**200**	**202**	
Boron		*19.4*	
Molybdenum	*2000*	*2094*	*105*
Strontium	*200*	*204*	*102*
Tin	*200*	*208*	
Titanium	*2000*	*2032*	*102*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: CC-COMP-01 MS
Lab ID: 460-257083-1 MS
Lab Name: Eurofins Edison
Job No.: 460-257083-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 98.7

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	4.82		0.090	U	5.06	95	75-125		6020B
Aluminum	5723		4940		506	154	75-125	4	6020B
Arsenic	11.88		2.1		10.1	97	75-125		6020B
Barium	44.07		34.8		10.1	92	75-125		6020B
Beryllium	5.06		0.21	J	5.06	96	75-125		6020B
Calcium	60410		60700		506	-59	75-125	4	6020B
Cadmium	4.96		0.11	U	5.06	98	75-125		6020B
Cobalt	7.32		2.6		5.06	93	75-125		6020B
Chromium	93.41		92.2		10.1	12	75-125	4	6020B
Copper	14.64		4.9		10.1	96	75-125		6020B
Iron	7358		6880		506	94	75-125	4	6020B
Potassium	1422		937		506	96	75-125		6020B
Magnesium	11110		10200		506	178	75-125	4	6020B
Manganese	202.4		147		50.6	109	75-125		6020B
Sodium	1408		913		506	98	75-125		6020B
Nickel	15.35		5.1		10.1	101	75-125		6020B
Lead	8.52		3.4		5.06	100	75-125		6020B
Antimony	1.87		0.15	U	5.06	37	75-125	F1	6020B
Selenium	9.45		0.13	U	10.1	93	75-125		6020B
Thallium	4.01		0.050	J	4.05	98	75-125		6020B
Vanadium	18.83		8.8		10.1	99	75-125		6020B
Zinc	59.58		13.7		50.6	91	75-125		6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - TCLP

Client ID: _____ Lab ID: 180-137206-D-3-F MS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.: _____

Matrix: Solid Concentration Units: mg/L

% Solids: _____

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.00411		0.000091	U	0.00500	82	75-125		7470A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: Lab ID: 460-255935-F-1-T MS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids: 86.5

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.349		0.21		0.0903	156	80-120	F1	7471B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY

Client ID: _____ Lab ID: 140-27249-B-6-R MS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.: _____

Matrix: Solid Concentration Units: ug/L

% Solids: _____

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Arsenic	5651		29.2		5000	112	75-125		6020B
Barium	3053		73.6		10000	30	75-125	F1	6020B
Cadmium	7767		6730		1000	104	75-125	4	6020B
Chromium	6017		547		5000	109	75-125		6020B
Nickel	4316		3090		1000	123	75-125		6020B
Lead	7060		2180		5000	98	75-125		6020B
Selenium	1105		6.7	J	1000	110	75-125		6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Client ID: _____ Lab ID: 140-27249-B-6-M MSD ^10

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.: _____

Matrix: Solid Concentration Units: ug/L

% Solids: _____

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Arsenic	5142		5000	102	75-125	9	20		6020B
Barium	2565		10000	25	75-125	17	20	F1	6020B
Cadmium	7120		1000	39	75-125	9	20	4	6020B
Chromium	5466		5000	98	75-125	10	20		6020B
Nickel	3928		1000	84	75-125	9	20		6020B
Lead	6435		5000	85	75-125	9	20		6020B
Selenium	1006		1000	100	75-125	9	20		6020B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: CC-COMP-01 PDS
Lab ID: 460-257083-1 PDS
Lab Name: Eurofins Edison
Job No.: 460-257083-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	2.63		0.090	U	2.53	104	75-125		6020B
Aluminum	5273		4940		253	NC	75-125		6020B
Arsenic	6.74		2.1		5.06	92	75-125		6020B
Barium	40.42		34.8		5.06	112	75-125		6020B
Beryllium	2.70		0.21	J	2.53	98	75-125		6020B
Calcium	60250		60700		1010	NC	75-125		6020B
Cadmium	2.52		0.11	U	2.53	100	75-125		6020B
Cobalt	5.07		2.6		2.53	98	75-125		6020B
Chromium	97.96		92.2		5.06	NC	75-125		6020B
Copper	9.70		4.9		5.06	95	75-125		6020B
Iron	7330		6880		253	NC	75-125		6020B
Potassium	1206		937		253	106	75-125		6020B
Magnesium	10640		10200		253	NC	75-125		6020B
Manganese	172.5		147		25.3	101	75-125		6020B
Sodium	1179		913		253	105	75-125		6020B
Nickel	10.05		5.1		5.06	98	75-125		6020B
Lead	6.00		3.4		2.53	101	75-125		6020B
Antimony	2.58		0.15	U	2.53	102	75-125		6020B
Selenium	4.99		0.13	U	5.06	98	75-125		6020B
Thallium	2.07		0.050	J	2.03	100	75-125		6020B
Vanadium	13.92		8.8		5.06	101	75-125		6020B
Zinc	37.71		13.7		25.3	95	75-125		6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY

Client ID: Lab ID: 140-27249-B-6-J PDS ^10

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid Concentration Units: ug/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Arsenic	531.9		29.2		500	101	75-125		6020B
Barium	536.3		73.6		500	93	75-125		6020B
Cadmium	6935		6730		250	NC	75-125		6020B
Chromium	1020		547		500	94	75-125		6020B
Nickel	3641		3090		500	111	75-125		6020B
Lead	2402		2180		250	91	75-125		6020B
Selenium	481.9		6.7	J	500	95	75-125		6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: CC-COMP-01 DU | Lab ID: 460-257083-1 DU

Lab Name: Eurofins Edison | Job No.: 460-257083-1

SDG No.:

% Solids for Sample: 98.7 | % Solids for Duplicate: 98.7

Matrix: Solid | Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Silver	0.41	0.090	U	0.090	U	NC		6020B
Aluminum	20.3	4940		4911		0.6		6020B
Arsenic	1.0	2.1		1.94		7		6020B
Barium	2.0	34.8		32.77		6		6020B
Beryllium	0.41	0.21	J	0.230	J	8		6020B
Calcium	405	60700		60330		0.6		6020B
Cadmium	1.0	0.11	U	0.11	U	NC		6020B
Cobalt	2.0	2.6		2.33		11		6020B
Chromium	2.0	92.2		72.07		24	F3	6020B
Copper	2.0	4.9		5.05		3		6020B
Iron	60.8	6880		6576		5		6020B
Potassium	101	937		933.2		0.4		6020B
Magnesium	101	10200		9864		3		6020B
Manganese	4.1	147		148.7		1		6020B
Sodium	101	913		965.0		5		6020B
Nickel	2.0	5.1		4.59		10		6020B
Lead	0.61	3.4		3.54		3		6020B
Antimony	1.0	0.15	U	0.15	U	NC		6020B
Selenium	1.3	0.13	U	0.13	U	NC		6020B
Thallium	0.41	0.050	J	0.0486	J	2		6020B
Vanadium	2.0	8.8		8.84		0.3		6020B
Zinc	8.1	13.7		13.91		2		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS - TCLP

Client ID: _____ Lab ID: 180-137206-D-3-E DU

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.: _____

% Solids for Sample: _____ % Solids for Duplicate: _____

Matrix: Solid Concentration Units: mg/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.00020	0.000091	U	0.000091	U	NC		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: Lab ID: 460-255935-F-1-S DU

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

% Solids for Sample: 86.5 % Solids for Duplicate: 86.5

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.018	0.21		0.224		7		7471B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES

Client ID: Lab ID: 140-27249-B-6-K DU ^10

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Solid Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Arsenic	20.0	29.2		28.67		2		6020B
Barium	40.0	73.6		73.11		0.7		6020B
Cadmium	20.0	6730		6775		0.7		6020B
Chromium	40.0	547		544.2		0.6		6020B
Nickel	40.0	3090		3154		2		6020B
Lead	12.0	2180		2169		0.3		6020B
Selenium	25.0	6.7	J	7.04	J	6		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-842402/12

Lab Name: Eurofins Edison Job No.: 460-257083-1

Sample Matrix: LCS Source:

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Silver		0.29	U					6020B
Aluminum		19.5	U					6020B
Arsenic	5000	5348		107	90	110		6020B
Barium	20000	20110		101	90	110		6020B
Beryllium	2000	2026		101	90	110		6020B
Calcium		53.6	U					6020B
Cadmium	5000	5243		105	90	110		6020B
Cobalt	2000	2128		106	90	110		6020B
Chromium	20000	21600		108	90	110		6020B
Copper	20000	20770		104	90	110		6020B
Iron		58.2	U					6020B
Potassium		112	U					6020B
Magnesium		46.9	U					6020B
Manganese	10000	10520		105	90	110		6020B
Sodium		163	U					6020B
Nickel	20000	21110		106	90	110		6020B
Lead	20000	21670		108	90	110		6020B
Antimony		0.76	U					6020B
Selenium	2000	2138		107	90	110		6020B
Thallium	1000	1016		102	90	110		6020B
Vanadium	5000	5125		102	90	110		6020B
Zinc	20000	20370		102	90	110		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-842402/13

Lab Name: Eurofins Edison Job No.: 460-257083-1

Sample Matrix: LCS Source:

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Silver		0.29	U					6020B
Aluminum	200000	199600		100	90	110		6020B
Arsenic		1.06	J					6020B
Barium		8.76						6020B
Beryllium		0.305	J					6020B
Calcium	500000	523900		105	90	110		6020B
Cadmium		0.531	J					6020B
Cobalt		5.42						6020B
Chromium		3.95	J					6020B
Copper		3.54	J					6020B
Iron	500000	497900		100	90	110		6020B
Potassium	500000	517600		104	90	110		6020B
Magnesium	500000	504300		101	90	110		6020B
Manganese		4.72	J					6020B
Sodium	500000	504900		101	90	110		6020B
Nickel		1.88	J					6020B
Lead		7.91						6020B
Antimony		0.76	U					6020B
Selenium		0.59	U					6020B
Thallium		0.461	J					6020B
Vanadium		0.68	U					6020B
Zinc		6.5	U					6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-842388/2-A ^10

Lab Name: Eurofins Edison Job No.: 460-257083-1

Sample Matrix: Water LCS Source: ME_TCLPspk_00052

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Silver	500	500.9		100	80	120		6020B
Arsenic	5000	5094		102	80	120		6020B
Barium	10000	9873		99	80	120		6020B
Cadmium	1000	1036		104	80	120		6020B
Chromium	5000	5200		104	80	120		6020B
Nickel	1000	1047		105	80	120		6020B
Lead	5000	5242		105	80	120		6020B
Selenium	1000	1032		103	80	120		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-842260/2-A ^5

Lab Name: Eurofins Edison Job No.: 460-257083-1

Sample Matrix: Solid LCS Source: ME_LCSS_113_00001

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Silver	44.1	48.09		109.0	80.5	119.7		6020B
Aluminum	8630	7998		92.7	51.2	148.3		6020B
Arsenic	84.5	91.31		108.1	82.8	117.2		6020B
Barium	249	257.9		103.6	82.7	117.3		6020B
Beryllium	163	182.2		111.7	82.8	117.2		6020B
Calcium	4760	5040		105.9	81.7	118.5		6020B
Cadmium	99.0	110.9		112.1	83.0	117.2		6020B
Cobalt	61.7	68.55		111.1	84.1	116.0		6020B
Chromium	122	133.1		109.1	82.8	118.0		6020B
Copper	61.5	67.32		109.5	84.4	115.4		6020B
Iron	14500	14610		100.8	61.1	138.6		6020B
Potassium	2090	2009		96.1	70.8	129.2		6020B
Magnesium	2360	2413		102.2	76.7	123.7		6020B
Manganese	456	486.0		106.6	82.2	118.0		6020B
Sodium	136	229	U	106.0	71.6	127.9		6020B
Nickel	135	152.4		112.9	83.0	117.0		6020B
Lead	123	132.4		107.7	83.7	117.1		6020B
Antimony	129	82.06		63.6	0.6	199.2		6020B
Selenium	121	129.8		107.2	80.1	120.7		6020B
Thallium	144	160.7		111.6	81.3	118.8		6020B
Vanadium	186	195.0		104.9	79.6	120.4		6020B
Zinc	295	306.4		103.9	81.4	119.0		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-842049/2-A

Lab Name: Eurofins Edison Job No.: 460-257083-1

Sample Matrix: Water LCS Source: ME_HG_TCLP_03037

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.00500	0.00492		98	80	120		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-842338/11-A ^40

Lab Name: Eurofins Edison Job No.: 460-257083-1

Sample Matrix: Solid LCS Source: ME_LCSS_113_00001

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	18.9	18.36		97.1	68.8	131.2		7471B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-257083-1

SDG No:

Lab Name: Eurofins Edison Job No: 460-257083-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Silver	0.090	U	0.45	U	NC		6020B
Aluminum	4940		5227		5.7		6020B
Arsenic	2.1		1.84	J	NC		6020B
Barium	34.8		36.43		NC		6020B
Beryllium	0.21	J	0.29	U	NC		6020B
Calcium	60700		61880		1.9		6020B
Cadmium	0.11	U	0.57	U	NC		6020B
Cobalt	2.6		2.73	J	NC		6020B
Chromium	92.2		97.31		NC		6020B
Copper	4.9		5.41	J	NC		6020B
Iron	6880		7350		NC		6020B
Potassium	937		980.2		NC		6020B
Magnesium	10200		11030		NC		6020B
Manganese	147		153.6		NC		6020B
Sodium	913		972.4		NC		6020B
Nickel	5.1		5.37	J	NC		6020B
Lead	3.4		3.68		NC		6020B
Antimony	0.15	U	0.74	U	NC		6020B
Selenium	0.13	U	0.65	U	NC		6020B
Thallium	0.050	J	0.21	U	NC		6020B
Vanadium	8.8		9.35	J	NC		6020B
Zinc	13.7		16.11	J	NC		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab ID: 140-27249-B-6-J SD ^50

SDG No:

Lab Name: Eurofins Edison Job No: 460-257083-1

Matrix: Solid Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Arsenic	44.4	U	44.4	U	NC		6020B
Barium	65.4	J	90.30	J	NC		6020B
Cadmium	6750		7438		10		6020B
Chromium	561		625.0		NC		6020B
Nickel	3180		3617		NC		6020B
Lead	2160		2411		12		6020B
Selenium	29.5	U	29.5	U	NC		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS - TCLP

Lab ID: 180-137206-D-3-D SD ^5

SDG No:

Lab Name: Eurofins Edison Job No: 460-257083-1

Matrix: Solid Concentration Units: mg/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Mercury	0.000091	U	0.00046	U	NC		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-255935-F-1-R SD ^5

SDG No:

Lab Name: Eurofins Edison Job No: 460-257083-1

Matrix: Solid Concentration Units: mg/Kg

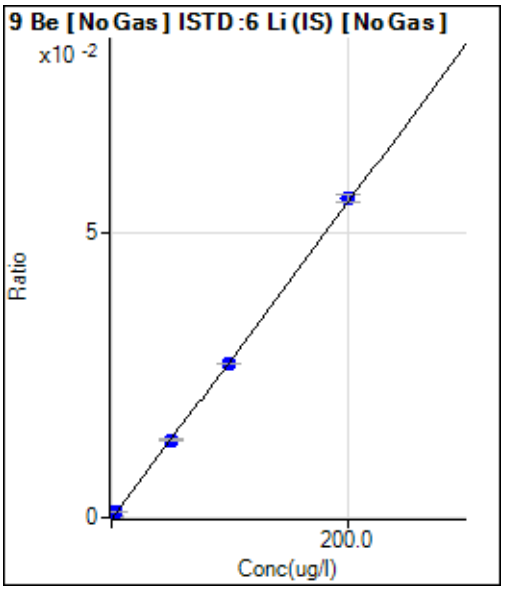
Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Mercury	0.21		0.234		NC		7471B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

Batch Folder: C:\Agilent\ICPMH\1\DATA\NM050222.b\
Analysis File: NM050222.batch.bin
DA Date-Time: 2022-05-02 10:15:48
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

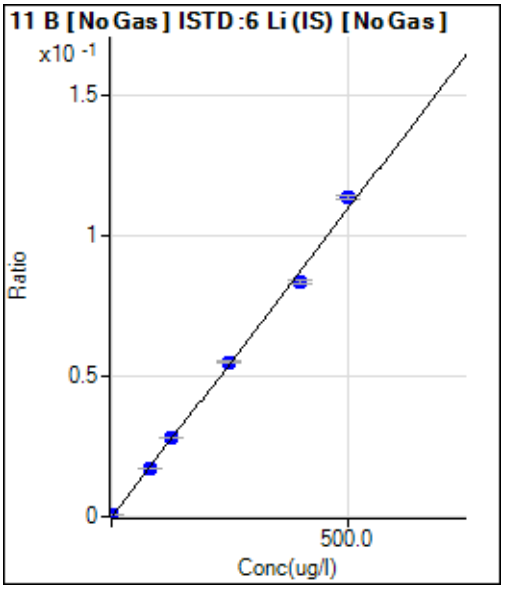
Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	IC Cal Blk	2022-05-02 09:35:13
2	005CALS.d	IC Cal-1 9803767	2022-05-02 09:37:32
3	006CALS.d	IC Cal-2 9767631	2022-05-02 09:39:51
4	007CALS.d	IC Cal-3 9767645	2022-05-02 09:42:11
5	008CALS.d	IC Cal-4 9803796	2022-05-02 09:44:30
6	009CALS.d	IC Cal-5 9767673	2022-05-02 09:46:50



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	101.11	0.0000	P	13.4	
2	☐	0.800	0.779	1324.51	0.0002	P	5.0	-2.6
3	☐	4.000	3.895	6286.86	0.0011	P	0.5	-2.6
4	☐	50.000	48.854	77311.94	0.0136	P	1.9	-2.3
5	☐	100.000	97.164	157071.47	0.0271	P	0.4	-2.8
6	☐	200.000	201.707	323658.94	0.0562	P	2.0	0.9

y = 2.7833E-004 * x + 1.7748E-005
R = 0.9998
DL = 0.0257 ug/l
BEC = 0.06377 ug/l

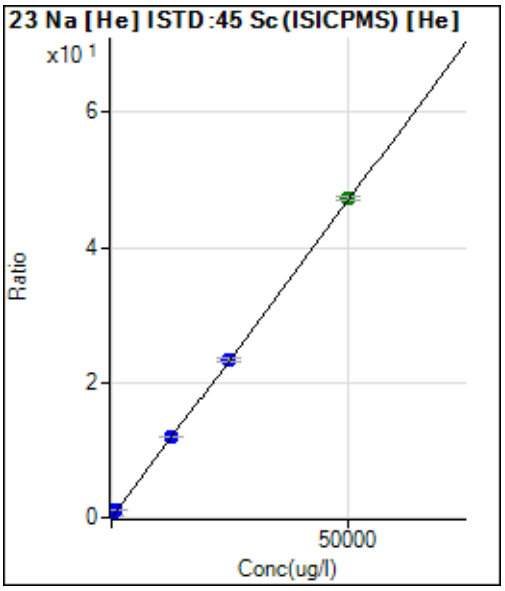
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2190.17	0.0004	P	3.1	
2	☐	80.000	75.821	96094.42	0.0170	P	0.9	-5.2
3	☐	400.000	379.687	477228.75	0.0836	P	1.3	-5.1
4	☐	125.000	126.956	160257.05	0.0282	P	1.2	1.6
5	☐	250.000	249.486	319745.95	0.0551	P	0.2	-0.2
6	☐	500.000	516.687	655216.75	0.1137	P	1.2	3.3

y = 2.1926E-004 * x + 3.8440E-004
R = 0.9982
DL = 0.1644 ug/l
BEC = 1.753 ug/l

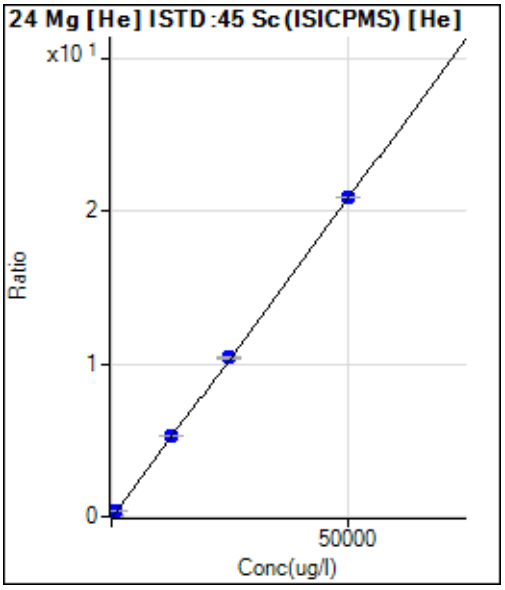
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	21016.66	0.2062	P	1.5	
2	☐	200.000	205.096	40790.73	0.3988	P	0.9	2.5
3	☐	1000.000	1029.713	120118.67	1.1731	P	0.4	3.0
4	☐	12500.000	12560.539	1264029.56	12.0005	P	1.1	0.5
5	☐	25000.000	24673.133	2517075.01	23.3741	P	1.3	-1.3
6	☐	50000.000	50147.684	5071115.52	47.2945	A	1.1	0.3

y = 9.3899E-004 * x + 0.2062
R = 1.0000
DL = 9.755 ug/l
BEC = 219.6 ug/l

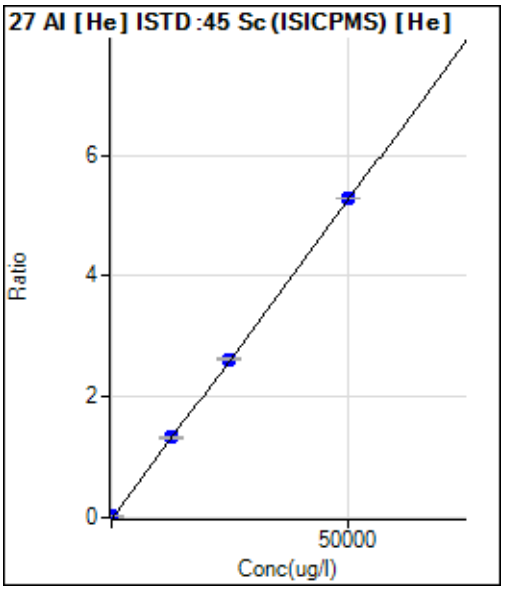
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	117.78	0.0012	P	5.3	
2	☐	200.000	207.964	9008.24	0.0881	P	1.5	4.0
3	☐	1000.000	1030.849	44234.79	0.4320	P	1.6	3.1
4	☐	12500.000	12700.607	559259.31	5.3095	P	0.9	1.6
5	☐	25000.000	24905.111	1121084.46	10.4105	P	1.2	-0.4
6	☐	50000.000	49996.644	2240856.13	20.8978	P	0.5	0.0

y = 4.1796E-004 * x + 0.0012
R = 1.0000
DL = 0.4397 ug/l
BEC = 2.764 ug/l

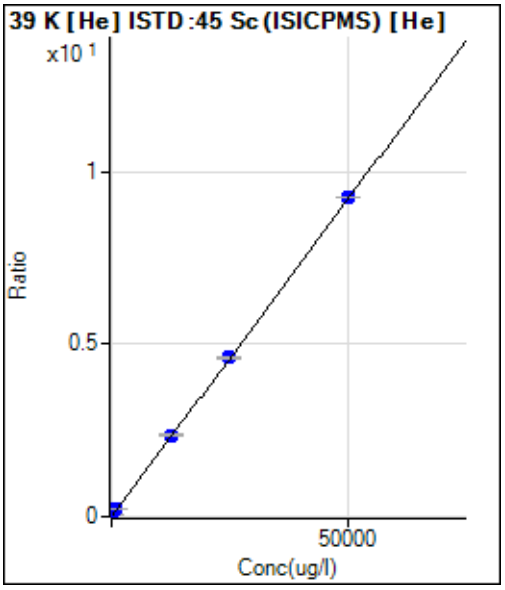
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	50.00	0.0005	P	34.8	
2	☐	40.000	42.984	514.46	0.0050	P	0.8	7.5
3	☐	200.000	195.586	2164.61	0.0211	P	3.7	-2.2
4	☐	12500.000	12585.768	139996.14	1.3292	P	1.6	0.7
5	☐	25000.000	24762.655	281563.25	2.6147	P	1.1	-0.9
6	☐	50000.000	50097.246	567188.38	5.2892	P	0.6	0.2

y = 1.0557E-004 * x + 4.9202E-004
R = 1.0000
DL = 4.861 ug/l
BEC = 4.661 ug/l

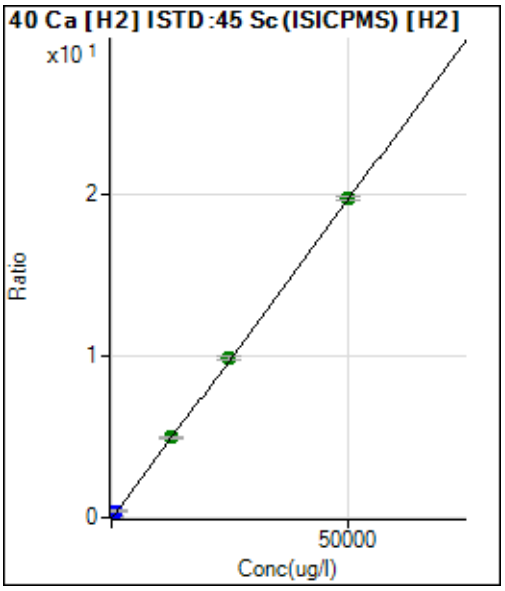
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	4495.13	0.0441	P	5.1	
2	☐	200.000	205.461	8381.24	0.0819	P	2.7	2.7
3	☐	1000.000	1006.059	23475.98	0.2293	P	0.7	0.6
4	☐	12500.000	12623.190	249344.54	2.3672	P	0.8	1.0
5	☐	25000.000	24782.264	495895.61	4.6049	P	1.0	-0.9
6	☐	50000.000	50077.928	993026.85	9.2602	P	0.5	0.2

y = 1.8403E-004 * x + 0.0441
R = 1.0000
DL = 36.73 ug/l
BEC = 239.8 ug/l

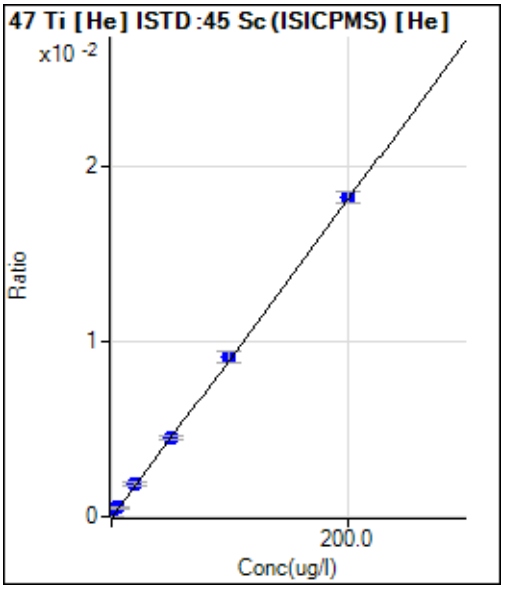
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	19508.15	0.0163	P	0.5	
2	☐	200.000	202.325	114647.13	0.0964	P	0.7	1.2
3	☐	1000.000	1011.976	498502.31	0.4166	P	1.3	1.2
4	☐	12500.000	12535.718	5992672.34	4.9749	A	1.8	0.3
5	☐	25000.000	24952.948	12187813.57	9.8866	A	2.0	-0.2
6	☐	50000.000	50014.347	24630677.97	19.7999	A	0.9	0.0

y = 3.9556E-004 * x + 0.0163
R = 1.0000
DL = 0.5895 ug/l
BEC = 41.26 ug/l

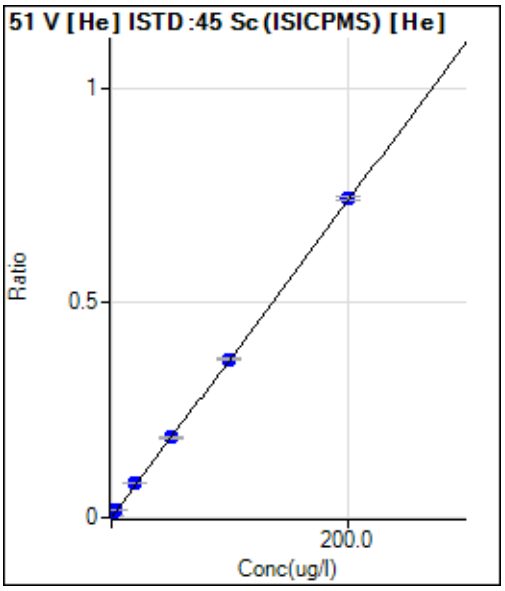
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	-0.251	2.22	0.0000	P	86.6	
2	☐	4.000	5.137	52.22	0.0005	P	20.3	28.4
3	☐	20.000	19.856	188.89	0.0018	P	12.4	-0.7
4	☐	50.000	49.406	476.68	0.0045	P	3.5	-1.2
5	☐	100.000	99.423	975.59	0.0091	P	7.3	-0.6
6	☐	200.000	200.429	1953.47	0.0182	P	3.5	0.2

y = 9.065981E-005 * x + 4.466923E-005
R = 1.0000
DL = 0.6292 ug/l
BEC = 0.4927 ug/l

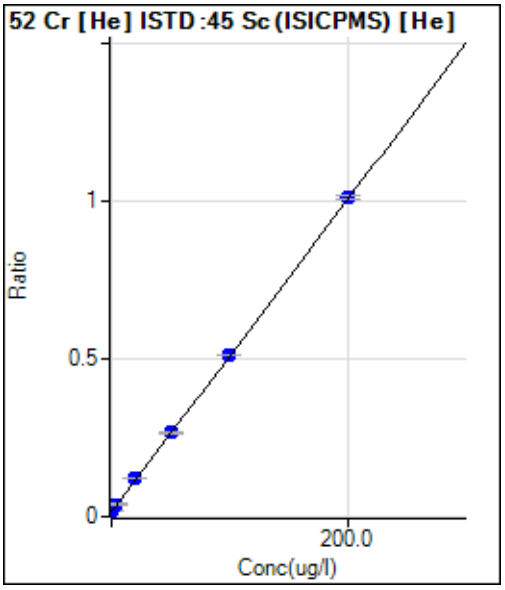
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	418.90	0.0041	P	2.5	
2	☐	4.000	4.123	1973.47	0.0193	P	2.0	3.1
3	☐	20.000	20.665	8213.38	0.0802	P	0.7	3.3
4	☐	50.000	49.460	19619.48	0.1863	P	1.1	-1.1
5	☐	100.000	98.886	39660.06	0.3683	P	0.7	-1.1
6	☐	200.000	200.623	79671.08	0.7429	P	0.7	0.3

y = 0.0037 * x + 0.0041
R = 1.0000
DL = 0.08222 ug/l
BEC = 1.116 ug/l

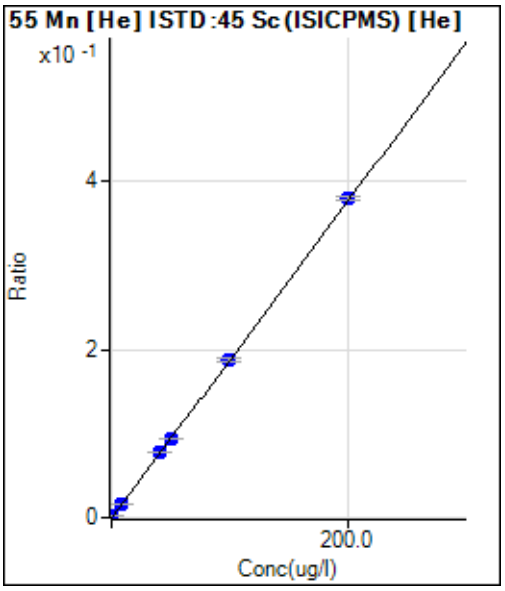
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2001.26	0.0196	P	5.0	
2	☐	4.000	4.029	4051.68	0.0396	P	3.6	0.7
3	☐	20.000	20.564	12452.98	0.1216	P	1.0	2.8
4	☐	50.000	49.959	28165.28	0.2674	P	2.3	-0.1
5	☐	100.000	99.236	55113.95	0.5118	P	0.3	-0.8
6	☐	200.000	200.335	108648.02	1.0132	P	0.6	0.2

y = 0.0050 * x + 0.0196
R = 1.0000
DL = 0.5946 ug/l
BEC = 3.959 ug/l

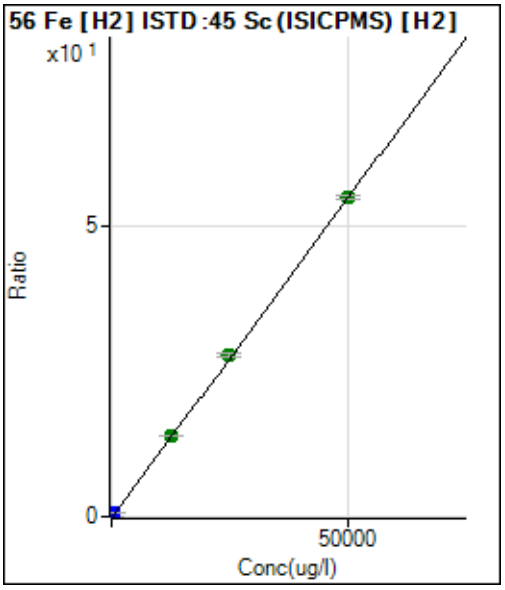
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	134.44	0.0013	P	2.0	
2	☐	8.000	7.951	1666.77	0.0163	P	3.5	-0.6
3	☐	40.000	40.111	7871.00	0.0769	P	0.4	0.3
4	☐	50.000	49.228	9906.66	0.0940	P	1.2	-1.5
5	☐	100.000	98.638	20150.27	0.1871	P	3.1	-1.4
6	☐	200.000	200.854	40712.99	0.3796	P	1.0	0.4

y = 0.0019 * x + 0.0013
R = 1.0000
DL = 0.04258 ug/l
BEC = 0.7004 ug/l

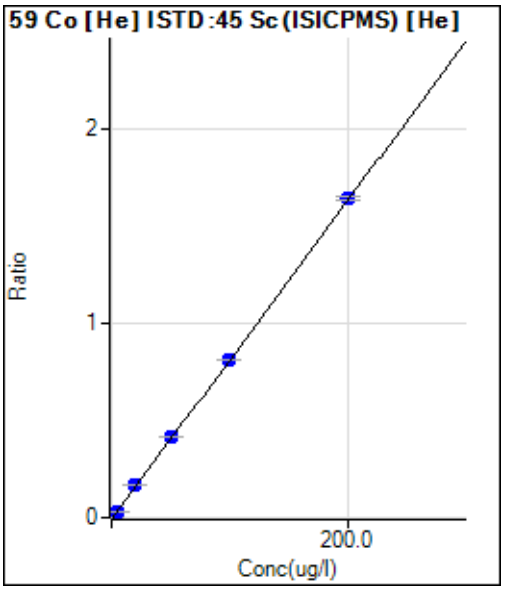
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	33889.35	0.0283	P	0.9	
2	☐	120.000	121.822	193371.57	0.1625	P	1.2	1.5
3	☐	600.000	602.747	828201.73	0.6922	P	1.3	0.5
4	☐	12500.000	12672.211	16844836.83	13.9842	A	1.1	1.4
5	☐	25000.000	25166.898	34203071.99	27.7445	A	2.4	0.7
6	☐	50000.000	49873.461	68360565.09	54.9536	A	0.8	-0.3

y = 0.0011 * x + 0.0283
R = 1.0000
DL = 0.7173 ug/l
BEC = 25.74 ug/l

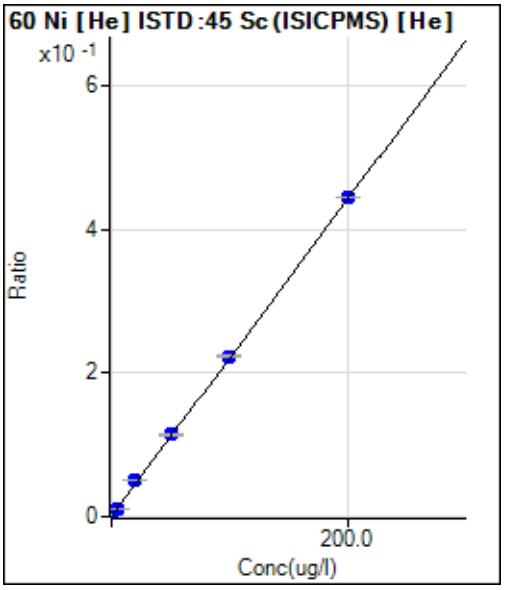
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	145.56	0.0014	P	15.4	
2	☐	4.000	3.922	3437.08	0.0336	P	3.2	-2.0
3	☐	20.000	20.268	17173.26	0.1677	P	0.7	1.3
4	☐	50.000	50.541	43832.91	0.4161	P	0.6	1.1
5	☐	100.000	98.981	87610.73	0.8136	P	0.9	-1.0
6	☐	200.000	200.349	176428.90	1.6453	P	1.3	0.2

y = 0.0082 * x + 0.0014
R = 1.0000
DL = 0.08025 ug/l
BEC = 0.1741 ug/l

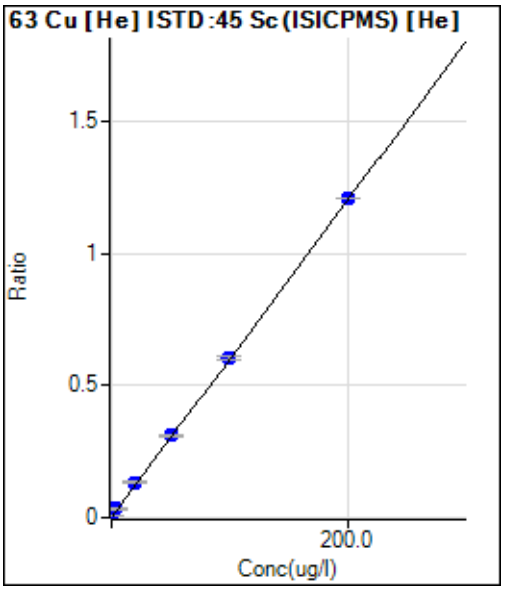
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	334.45	0.0033	P	6.8	
2	☐	4.000	3.702	1172.27	0.0115	P	6.6	-7.4
3	☐	20.000	21.351	5166.48	0.0505	P	2.8	6.8
4	☐	50.000	50.200	12031.55	0.1142	P	1.3	0.4
5	☐	100.000	99.564	24045.00	0.2233	P	1.7	-0.4
6	☐	200.000	200.039	47754.98	0.4453	P	0.3	0.0

y = 0.0022 * x + 0.0033
R = 1.0000
DL = 0.3009 ug/l
BEC = 1.484 ug/l

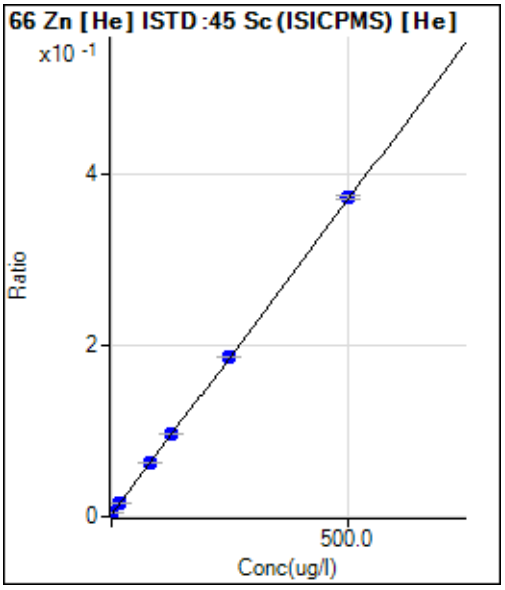
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	741.14	0.0073	P	14.6	
2	☐	4.000	4.286	3382.63	0.0331	P	2.0	7.2
3	☐	20.000	21.222	13819.82	0.1350	P	1.0	6.1
4	☐	50.000	50.506	32770.54	0.3112	P	2.1	1.0
5	☐	100.000	99.226	65069.31	0.6043	P	2.1	-0.8
6	☐	200.000	200.133	129897.42	1.2114	P	0.4	0.1

y = 0.0060 * x + 0.0073
R = 1.0000
DL = 0.531 ug/l
BEC = 1.211 ug/l

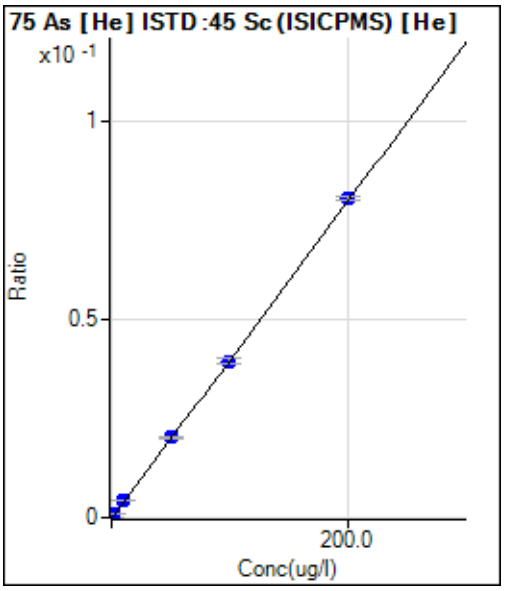
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	463.34	0.0045	P	5.6	
2	☐	16.000	15.701	1647.88	0.0161	P	1.1	-1.9
3	☐	80.000	79.575	6465.87	0.0631	P	0.7	-0.5
4	☐	125.000	125.226	10193.54	0.0968	P	0.4	0.2
5	☐	250.000	247.094	20084.72	0.1865	P	0.4	-1.2
6	☐	500.000	501.474	40083.81	0.3738	P	1.7	0.3

y = 7.3641E-004 * x + 0.0045
R = 1.0000
DL = 1.044 ug/l
BEC = 6.177 ug/l

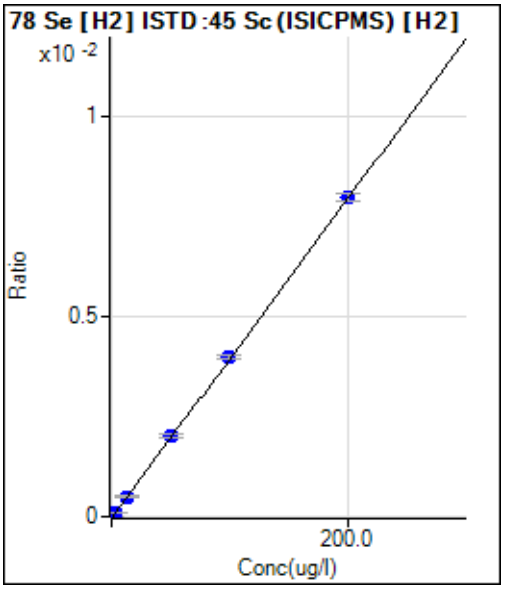
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10.00	0.0001	P	59.6	
2	☐	2.000	2.140	97.78	0.0010	P	8.9	7.0
3	☐	10.000	10.456	438.90	0.0043	P	5.8	4.6
4	☐	50.000	50.042	2121.28	0.0201	P	3.1	0.1
5	☐	100.000	98.124	4242.86	0.0394	P	3.4	-1.9
6	☐	200.000	200.903	8639.25	0.0806	P	0.7	0.5

y = 4.0054E-004 * x + 9.8821E-005
R = 0.9999
DL = 0.4413 ug/l
BEC = 0.2467 ug/l

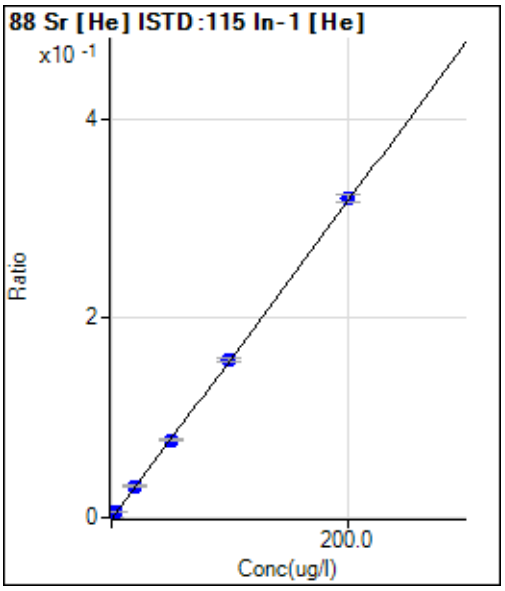
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1.67	0.0000	P	100.5	
2	☐	2.500	2.259	108.89	0.0001	P	2.7	-9.6
3	☐	12.500	12.528	599.46	0.0005	P	2.6	0.2
4	☐	50.000	50.392	2422.43	0.0020	P	4.0	0.8
5	☐	100.000	100.164	4925.84	0.0040	P	2.7	0.2
6	☐	200.000	199.821	9916.13	0.0080	P	3.0	-0.1

y = 3.9881E-005 * x + 1.3988E-006
R = 1.0000
DL = 0.1057 ug/l
BEC = 0.03507 ug/l

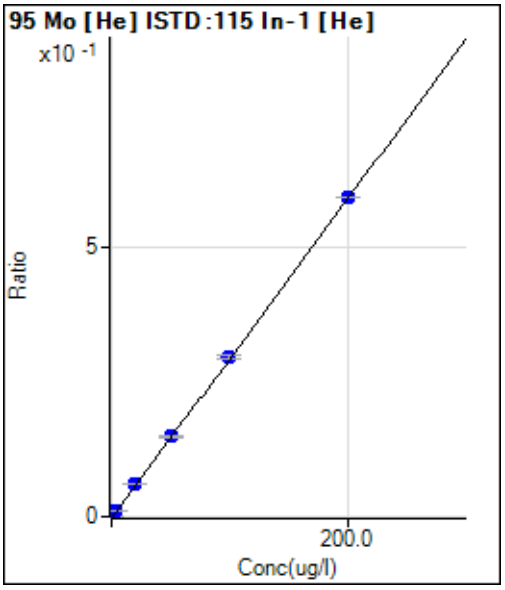
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	12.22	0.0001	P	31.3	
2	☐	4.000	3.993	654.46	0.0065	P	7.3	-0.2
3	☐	20.000	19.887	3242.60	0.0319	P	1.4	-0.6
4	☐	50.000	48.903	8056.70	0.0782	P	1.9	-2.2
5	☐	100.000	98.911	16438.22	0.1580	P	2.8	-1.1
6	☐	200.000	200.830	33408.09	0.3207	P	2.0	0.4

y = 0.0016 * x + 1.2311E-004
R = 1.0000
DL = 0.07233 ug/l
BEC = 0.07711 ug/l

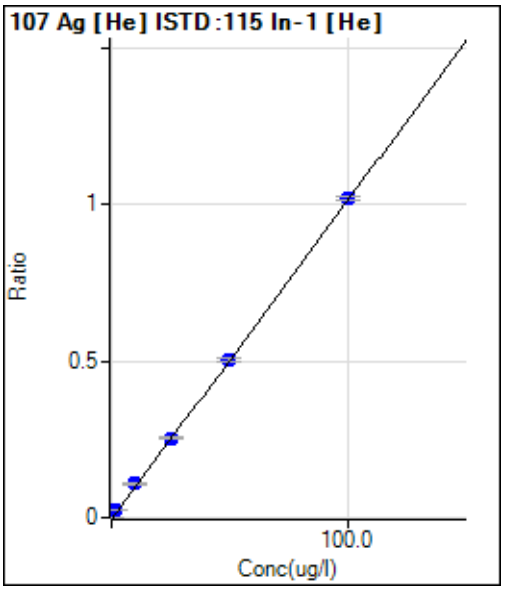
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	5.56	0.0001	P	35.3	
2	☐	4.000	3.912	1177.83	0.0117	P	1.2	-2.2
3	☐	20.000	20.243	6132.44	0.0603	P	2.0	1.2
4	☐	50.000	49.959	15310.38	0.1487	P	2.8	-0.1
5	☐	100.000	100.188	31005.26	0.2981	P	2.0	0.2
6	☐	200.000	199.893	61940.12	0.5946	P	0.5	-0.1

y = 0.0030 * x + 5.6093E-005
R = 1.0000
DL = 0.01996 ug/l
BEC = 0.01886 ug/l

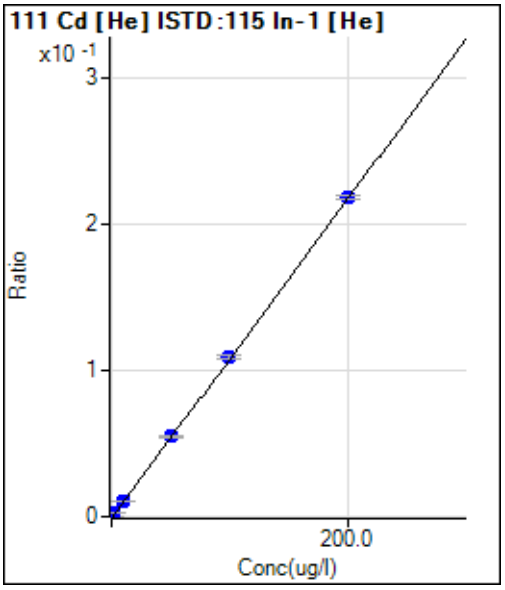
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	7.78	0.0001	P	23.8	
2	☐	2.000	2.135	2199.07	0.0218	P	1.0	6.7
3	☐	10.000	10.608	11006.46	0.1082	P	2.1	6.1
4	☐	25.000	24.886	26126.96	0.2537	P	1.9	-0.5
5	☐	50.000	49.598	52580.83	0.5055	P	2.0	-0.8
6	☐	100.000	100.166	106326.66	1.0207	P	1.1	0.2

y = 0.0102 * x + 7.8291E-005
R = 1.0000
DL = 0.005497 ug/l
BEC = 0.007683 ug/l

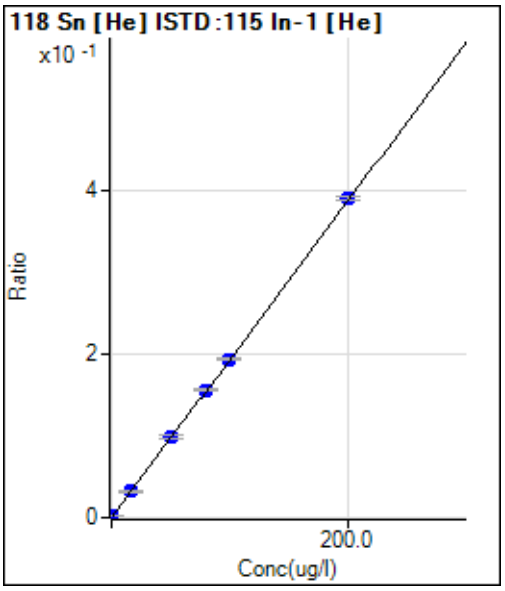
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1.11	0.0000	P	173.2	
2	☐	2.000	2.062	227.78	0.0023	P	11.0	3.1
3	☐	10.000	9.661	1074.49	0.0106	P	9.9	-3.4
4	☐	50.000	50.152	5642.25	0.0548	P	2.8	0.3
5	☐	100.000	99.963	11356.76	0.1092	P	3.0	0.0
6	☐	200.000	199.997	22751.33	0.2184	P	1.2	0.0

y = 0.0011 * x + 1.1155E-005
R = 1.0000
DL = 0.05308 ug/l
BEC = 0.01022 ug/l

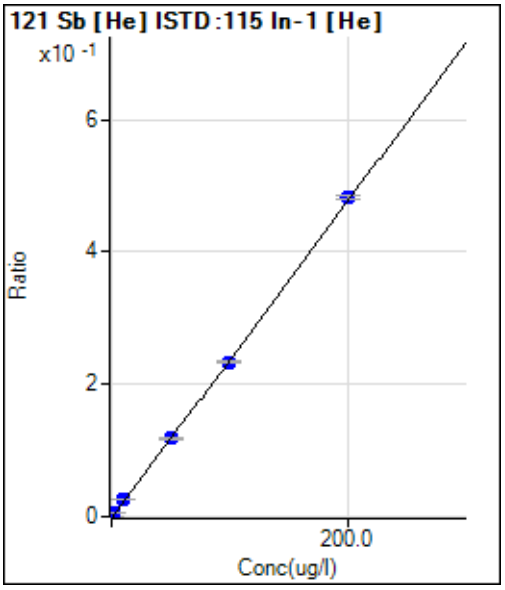
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	221.12	0.0022	P	15.6	
2	☐	16.000	15.831	3313.74	0.0329	P	7.2	-1.1
3	☐	80.000	79.298	15855.50	0.1558	P	1.3	-0.9
4	☐	50.000	50.251	10254.83	0.0996	P	4.3	0.5
5	☐	100.000	99.026	20185.36	0.1941	P	1.3	-1.0
6	☐	200.000	200.719	40733.38	0.3910	P	1.0	0.4

y = 0.0019 * x + 0.0022
R = 1.0000
DL = 0.5385 ug/l
BEC = 1.151 ug/l

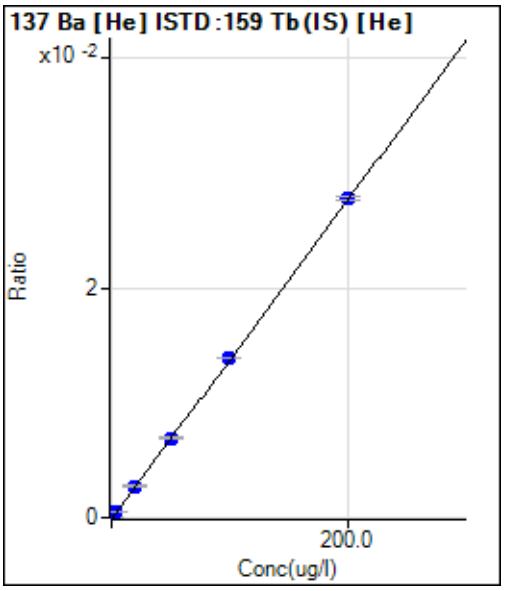
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2.22	0.0000	P	86.6	
2	☐	2.000	2.071	502.23	0.0050	P	12.8	3.6
3	☐	10.000	10.620	2590.25	0.0255	P	3.9	6.2
4	☐	50.000	49.187	12136.30	0.1178	P	1.4	-1.6
5	☐	100.000	97.461	24281.78	0.2334	P	2.0	-2.5
6	☐	200.000	201.441	50255.73	0.4825	P	1.6	0.7

y = 0.0024 * x + 2.2398E-005
R = 0.9999
DL = 0.0243 ug/l
BEC = 0.009352 ug/l

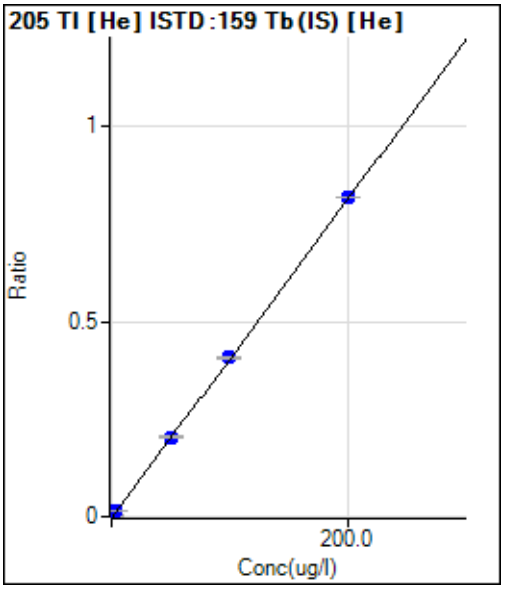
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	8.89	0.0000	P	44.1	
2	☐	4.000	3.864	303.34	0.0006	P	2.6	-3.4
3	☐	20.000	19.301	1490.09	0.0027	P	5.2	-3.5
4	☐	50.000	49.937	3918.34	0.0069	P	4.0	-0.1
5	☐	100.000	99.947	7882.23	0.0139	P	0.8	-0.1
6	☐	200.000	200.115	15876.73	0.0278	P	0.7	0.1

y = 1.3878E-004 * x + 1.6460E-005
R = 1.0000
DL = 0.1568 ug/l
BEC = 0.1186 ug/l

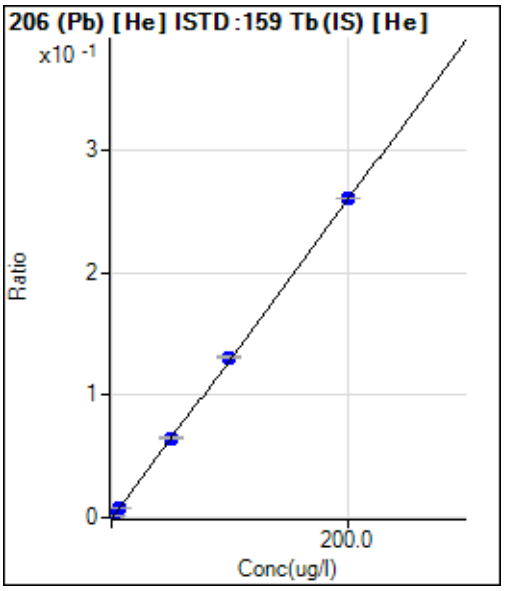
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	185.56	0.0003	P	4.3	
2	☐	0.800	0.829	2044.62	0.0037	P	4.5	3.6
3	☐	4.000	4.068	9374.41	0.0170	P	1.1	1.7
4	☐	50.000	49.943	115227.40	0.2043	P	1.1	-0.1
5	☐	100.000	99.580	230963.21	0.4069	P	1.1	-0.4
6	☐	200.000	200.223	467299.73	0.8179	P	0.6	0.1

y = 0.0041 * x + 3.4281E-004
R = 1.0000
DL = 0.01079 ug/l
BEC = 0.08396 ug/l

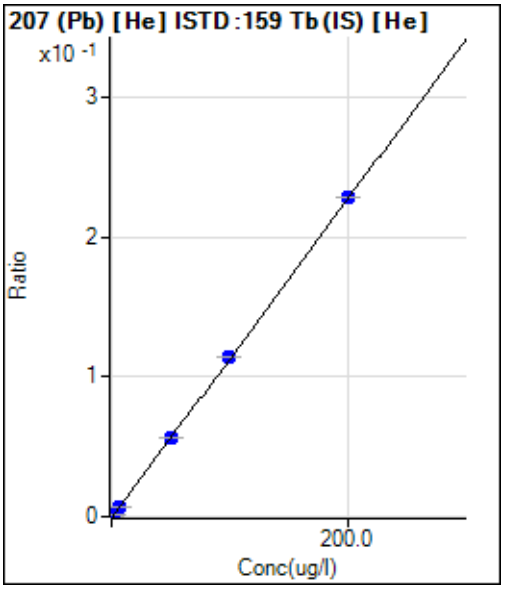
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	97.78	0.0002	P	1.0	
2	☐	1.200	1.280	1013.38	0.0018	P	3.1	6.7
3	☐	6.000	6.163	4533.01	0.0082	P	3.4	2.7
4	☐	50.000	49.795	36647.23	0.0650	P	1.6	-0.4
5	☐	100.000	100.088	74005.10	0.1304	P	1.4	0.1
6	☐	200.000	200.002	148776.91	0.2604	P	0.3	0.0

y = 0.0013 * x + 1.8064E-004
R = 1.0000
DL = 0.004098 ug/l
BEC = 0.1388 ug/l

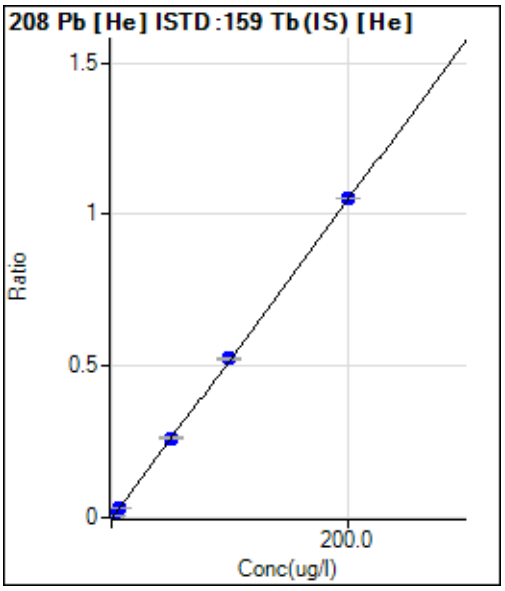
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	87.78	0.0002	P	19.4	
2	☐	1.200	1.243	868.93	0.0016	P	1.1	3.6
3	☐	6.000	6.189	4001.73	0.0072	P	4.3	3.2
4	☐	50.000	49.480	31994.38	0.0567	P	0.9	-1.0
5	☐	100.000	100.024	64980.41	0.1145	P	0.3	0.0
6	☐	200.000	200.112	130777.89	0.2289	P	0.2	0.1

y = 0.0011 * x + 1.6221E-004
R = 1.0000
DL = 0.08254 ug/l
BEC = 0.1419 ug/l

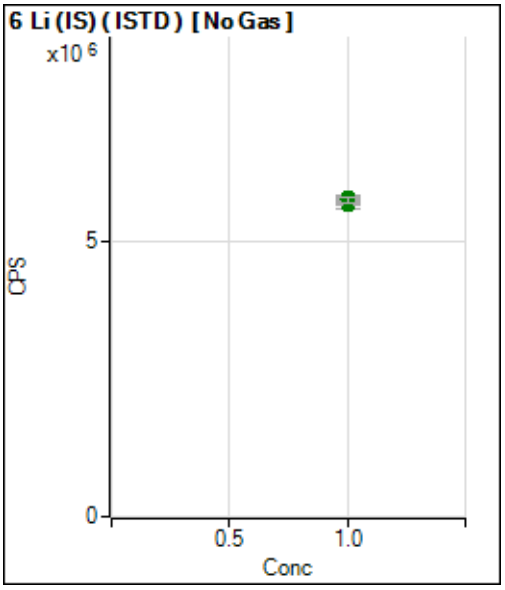
Weight: <None>
Min Conc: <None>



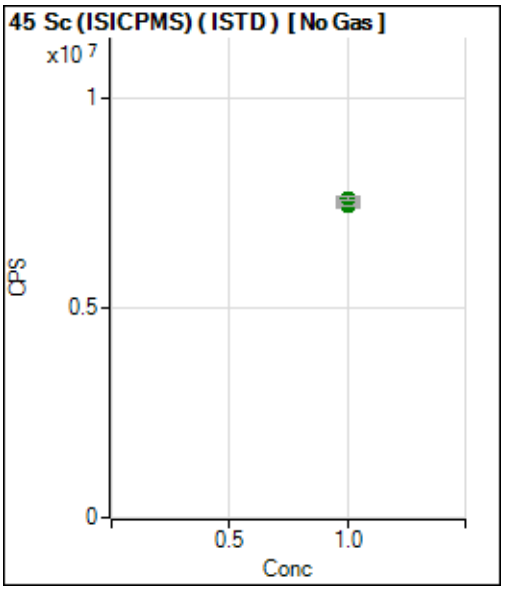
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	373.34	0.0007	P	4.7	
2	☐	1.200	1.262	4021.38	0.0073	P	4.1	5.2
3	☐	6.000	6.215	18449.53	0.0334	P	1.0	3.6
4	☐	50.000	49.934	148506.61	0.2633	P	0.9	-0.1
5	☐	100.000	99.679	297863.62	0.5248	P	1.4	-0.3
6	☐	200.000	200.170	601793.27	1.0533	P	0.5	0.1

y = 0.0053 * x + 6.8962E-004
R = 1.0000
DL = 0.01832 ug/l
BEC = 0.1311 ug/l

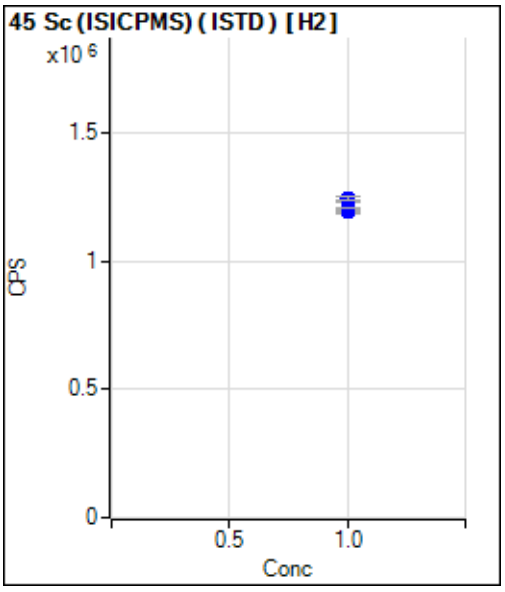
Weight: <None>
Min Conc: <None>



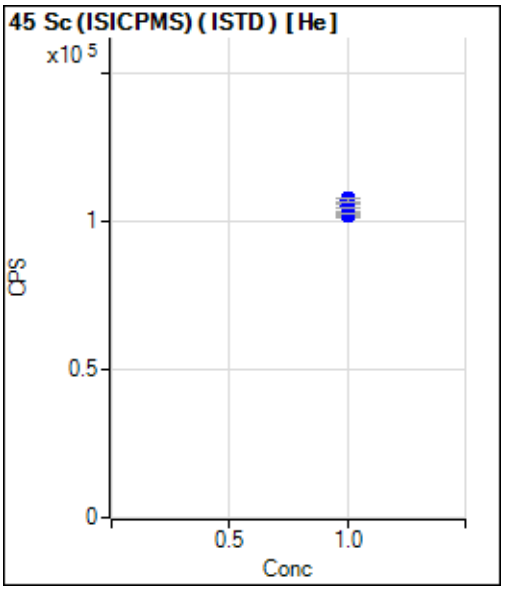
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		5697402.28		A	0.2	
2	☐	1.000		5650131.86		A	1.7	
3	☐	1.000		5705686.79		A	0.8	
4	☐	1.000		5678873.25		A	0.7	
5	☐	1.000		5804404.50		A	1.5	
6	☐	1.000		5764763.45		A	1.8	



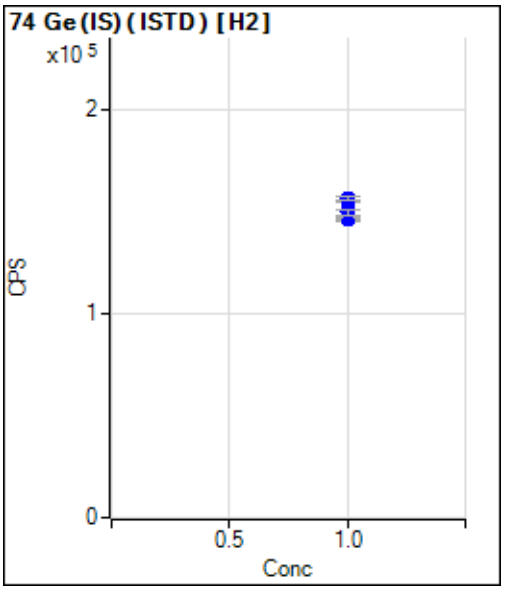
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		7481237.54		A	0.8	
2	☐	1.000		7440767.22		A	0.3	
3	☐	1.000		7454719.82		A	1.5	
4	☐	1.000		7451852.01		A	0.9	
5	☐	1.000		7609502.88		A	0.5	
6	☐	1.000		7609065.20		A	1.3	



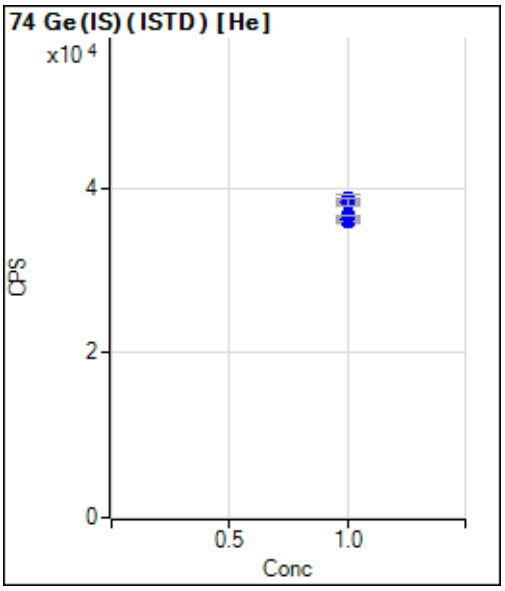
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1195349.18		P	0.8	
2	☐	1.000		1189882.73		P	0.5	
3	☐	1.000		1196634.84		P	0.8	
4	☐	1.000		1204554.56		P	0.2	
5	☐	1.000		1232824.71		P	0.6	
6	☐	1.000		1243914.27		P	0.9	



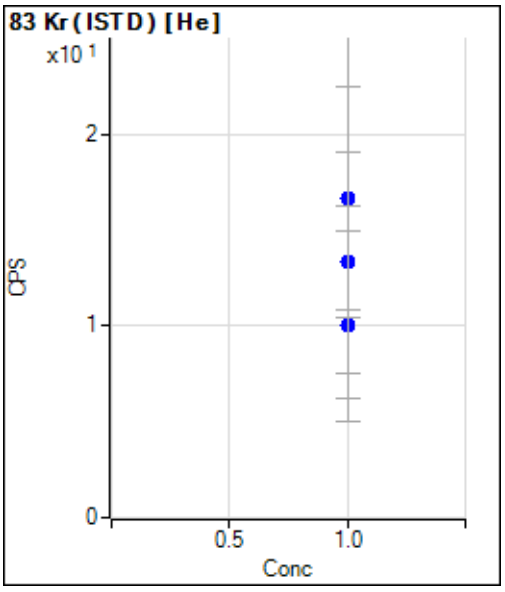
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		101922.32		P	1.8	
2	☐	1.000		102280.21		P	0.3	
3	☐	1.000		102392.12		P	0.3	
4	☐	1.000		105338.90		P	1.3	
5	☐	1.000		107687.43		P	0.5	
6	☐	1.000		107233.05		P	1.1	



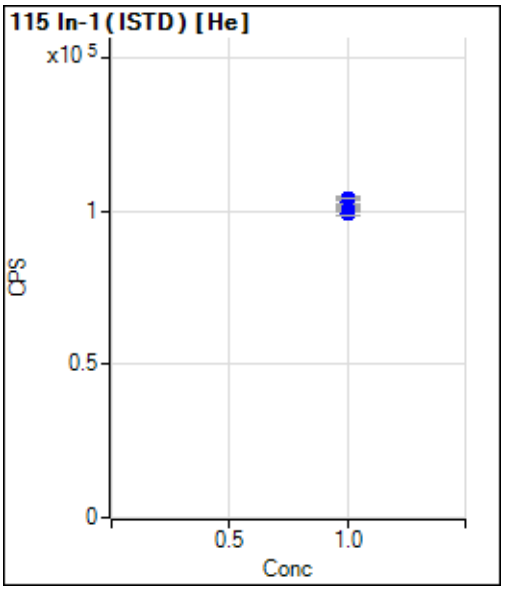
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		147093.88		P	1.5	
2	☐	1.000		146163.89		P	0.5	
3	☐	1.000		147780.73		P	0.1	
4	☐	1.000		149938.49		P	1.8	
5	☐	1.000		154944.20		P	0.5	
6	☐	1.000		156858.85		P	1.4	



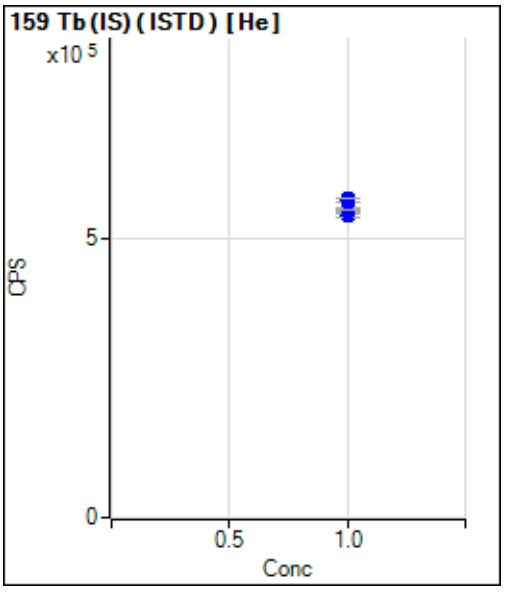
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		35983.25		P	0.9	
2	☐	1.000		36183.98		P	1.6	
3	☐	1.000		36709.21		P	0.1	
4	☐	1.000		38207.76		P	1.4	
5	☐	1.000		38746.36		P	2.1	
6	☐	1.000		38338.38		P	2.3	



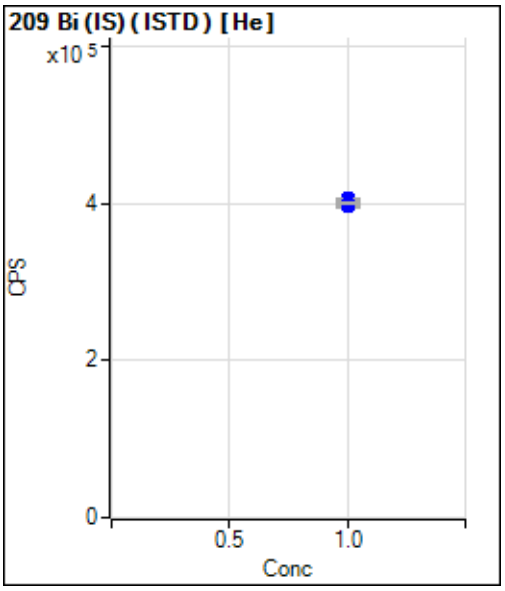
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		13.35		P	86.6	
2	☐	1.000		16.68		P	69.3	
3	☐	1.000		16.68		P	69.3	
4	☐	1.000		13.35		P	43.3	
5	☐	1.000		10.01		P	100.0	
6	☐	1.000		16.68		P	124.9	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		99250.74		P	1.1	
2	☐	1.000		100731.81		P	1.0	
3	☐	1.000		101745.99		P	0.4	
4	☐	1.000		103018.09		P	1.7	
5	☐	1.000		104029.35		P	1.1	
6	☐	1.000		104164.06		P	0.3	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		541269.49		P	1.0	
2	☐	1.000		548771.75		P	0.9	
3	☐	1.000		552881.75		P	0.8	
4	☐	1.000		564112.03		P	0.4	
5	☐	1.000		567571.62		P	0.9	
6	☐	1.000		571352.62		P	0.3	

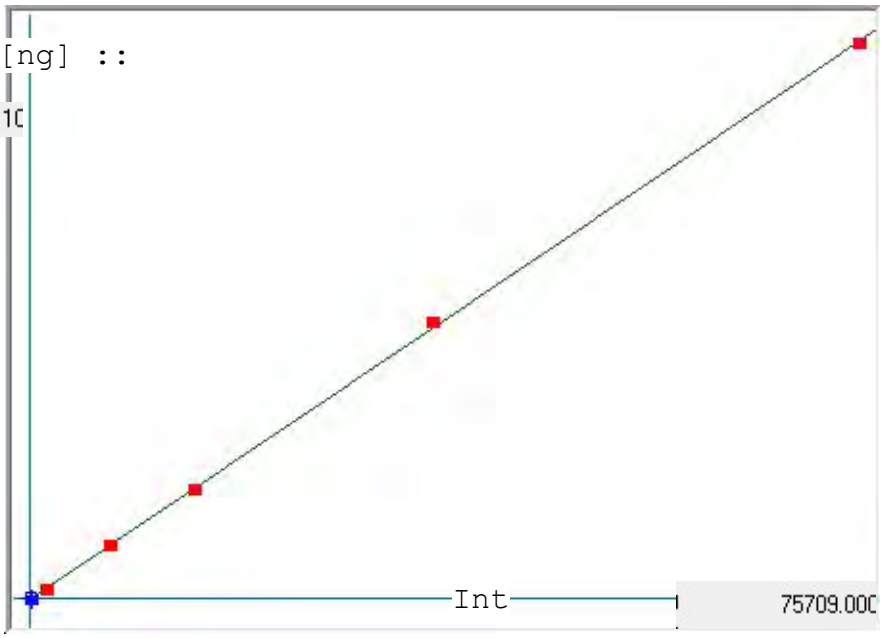


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		396264.67		P	0.7	
2	☐	1.000		403484.26		P	1.0	
3	☐	1.000		403118.87		P	0.8	
4	☐	1.000		406187.06		P	0.2	
5	☐	1.000		407074.34		P	0.4	
6	☐	1.000		400473.87		P	0.5	

245_7470A

Linear

Max. Hg [ng] ::



A= 0.0000e+000

B= 1.3266e-004

C= 4.5809e-003

Rho= 0.9999043

Accept= Accepted

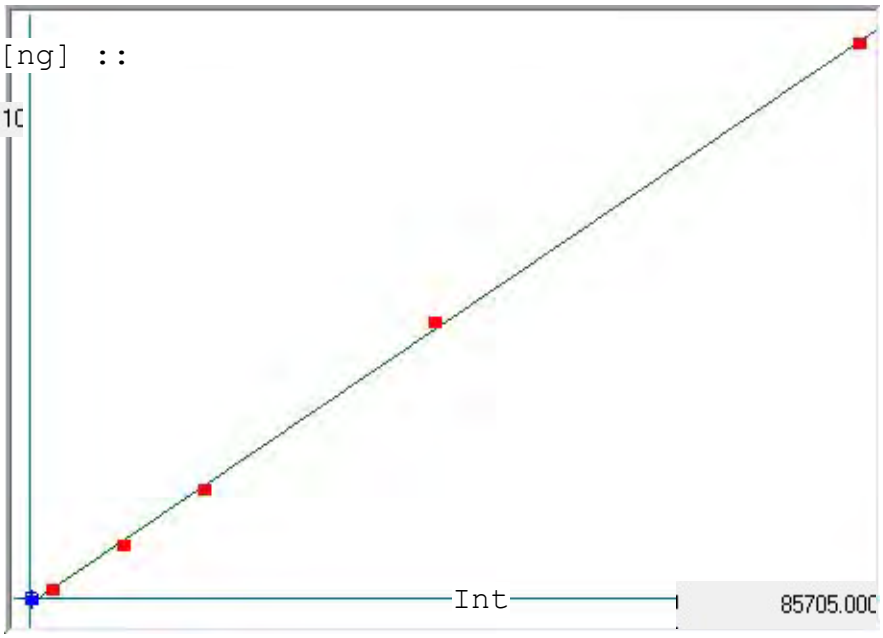
Accepted Date=

04/29/22 13:46

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
Cal Blank	0.000	0.035	0.035	231	0.000	231				
0.2 ug/L	0.200	0.225	0.025	1665	0.0 %	1665				
1.0 ug/L	1.000	0.983	-0.017	7378	0.0 %	7378				
2.0 ug/L	2.000	2.007	0.007	15097	0.0 %	15097				
5.0 ug/L	5.000	4.901	-0.099	36910	0.0 %	36910				
10.0 ug/L	10.000	10.048	0.048	75709	0.0 %	75709				

7471B

Linear



A= 0.0000e+000

B= 1.1808e-004

C= -8.2421e-002

Rho= 0.9998281

Accept= Accepted

Accepted Date=

05/02/22 03:34

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
Cal Blank	0.000	-0.050	-0.050	278	0.000	278				
0.2 ug/L	0.200	0.202	0.002	2407	0.0 %	2407				
1.0 ug/L	1.000	1.071	0.071	9768	0.0 %	9768				
2.0 ug/L	2.000	2.056	0.056	18112	0.0 %	18112				
5.0 ug/L	5.000	4.883	-0.117	42053	0.0 %	42053				
10.0 ug/L	10.000	10.037	0.037	85705	0.0 %	85705				

9-IN
DETECTION LIMITS
METALS

Lab Name: Eurofins Edison Job Number: 460-257083-1

SDG Number:

Matrix: Solid Instrument ID: ICPMS3

Method: 6020B MDL Date: 03/10/2022 00:00

Prep Method: 3050B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Aluminum		20	5.49
Antimony		1	0.146
Arsenic		1	0.103
Barium		2	0.145
Beryllium		0.4	0.057
Cadmium		1	0.113
Calcium		100	17.7
Chromium		2	0.908
Cobalt		2	0.148
Copper		2	0.368
Iron		60	20.2
Lead		0.6	0.2
Magnesium		100	10.2
Manganese		4	0.403
Nickel		2	0.47
Potassium		100	16.2
Selenium		1.25	0.128
Silver		0.4	0.089
Sodium		100	45.7
Thallium		0.4	0.041
Vanadium		2	0.206
Zinc		8	3.05

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: Eurofins Edison Job Number: 460-257083-1

SDG Number:

Matrix: Solid Instrument ID: ICPMS3

Method: 6020B XMDL Date: 03/10/2022 00:00

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum		200	54.9
Antimony		10	1.46
Arsenic		10	1.03
Barium		20	1.45
Beryllium		4	0.57
Cadmium		10	1.13
Calcium		1000	177
Chromium		20	9.07
Cobalt		20	1.48
Copper		20	3.68
Iron		600	202
Lead		6	2
Magnesium		1000	102
Manganese		40	4.03
Nickel		20	4.7
Potassium		1000	162
Selenium		12.5	1.28
Silver		10	0.89
Sodium		1000	457
Thallium		4	0.41
Vanadium		20	2.06
Zinc		80	30.5

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: Eurofins Edison Job Number: 460-257083-1

SDG Number:

Matrix: Solid Instrument ID: ICPMS3

Method: 6020B MDL Date: 03/09/2022 00:00

Prep Method: 3010A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Arsenic		2	0.887
Barium		4	0.913
Cadmium		2	0.386
Chromium		4	2.5
Lead		1.2	0.844
Nickel		4	0.905
Selenium		2.5	0.589
Silver		2	0.29

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: Eurofins Edison Job Number: 460-257083-1

SDG Number:

Matrix: Solid Instrument ID: ICPMS3

Method: 6020B XMDL Date: 03/09/2022 00:00

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Arsenic		2	0.887
Barium		4	0.913
Cadmium		2	0.386
Chromium		4	2.5
Lead		1.2	0.844
Nickel		4	0.905
Selenium		2.5	0.589
Silver		2	0.29

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: Eurofins Edison Job Number: 460-257083-1

SDG Number:

Matrix: Solid Instrument ID: LEEMAN6

Method: 7470A MDL Date: 01/13/2020 12:28

Prep Method: 7470A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.091

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: Eurofins Edison Job Number: 460-257083-1

SDG Number:

Matrix: Solid Instrument ID: LEEMAN6

Method: 7470A XMDL Date: 01/13/2020 12:29

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.091

9-IN
DETECTION LIMITS
METALS

Lab Name: Eurofins Edison Job Number: 460-257083-1

SDG Number:

Matrix: Solid Instrument ID: LEEMAN6

Method: 7471B MDL Date: 09/10/2021 00:00

Prep Method: 7471B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Mercury		0.017	0.008

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: Eurofins Edison Job Number: 460-257083-1

SDG Number:

Matrix: Solid Instrument ID: LEEMAN6

Method: 7471B XMDL Date: 01/13/2020 12:26

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.091

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins Edison Job No: 460-257083-1

SDG No.:

Instrument ID: ICPMS3 Date: 07/09/2020 16:08

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Silver		100	6020B
Aluminum		200000	6020B
Arsenic		5000	6020B
Barium		20000	6020B
Beryllium		2000	6020B
Calcium		500000	6020B
Cadmium		5000	6020B
Cobalt		2000	6020B
Chromium		20000	6020B
Copper		20000	6020B
Iron		500000	6020B
Potassium		500000	6020B
Magnesium		500000	6020B
Manganese		10000	6020B
Sodium		500000	6020B
Nickel		20000	6020B
Lead		20000	6020B
Antimony		200	6020B
Selenium		2000	6020B
Thallium		1000	6020B
Vanadium		5000	6020B
Zinc		20000	6020B

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-842260/1-A	05/01/2022 07:45	842260	1.00		100
LCSSRM 460-842260/2-A ^5	05/01/2022 07:45	842260	1.00		100
460-257083-1	05/01/2022 07:45	842260	1.00		100
460-257083-1 DU	05/01/2022 07:45	842260	1.00		100
460-257083-1 MS	05/01/2022 07:45	842260	1.00		100

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-842388/1-A	05/02/2022 10:12	842388		50	50
LCS 460-842388/2-A ^10	05/02/2022 10:12	842388		50	50
140-27249-B-6-K DU ^10	05/02/2022 10:12	842388		50	50
140-27249-B-6-R MS	05/02/2022 10:12	842388		50	50
140-27249-B-6-M MSD ^10	05/02/2022 10:12	842388		50	50
460-257083-1	05/02/2022 10:12	842388		50	50
LB 460-841871/1-E ^10	05/02/2022 10:12	842388		50	50
LB 460-842318/1-C ^10	05/02/2022 10:12	842388		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-842049/1-A	04/29/2022 14:31	842049		30	30
LCS 460-842049/2-A	04/29/2022 14:31	842049		30	30
180-137206-D-3-E DU	04/29/2022 14:31	842049		30	30
180-137206-D-3-F MS	04/29/2022 14:31	842049		30	30
460-257083-1	04/29/2022 14:31	842049		30	30
LB 460-841871/1-C	04/29/2022 14:31	842049		30	30

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Prep Method: 7471B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-842338/10-A	05/02/2022 00:11	842338	0.60		50
LCSSRM 460-842338/11-A ^40	05/02/2022 00:11	842338	0.60		50
460-255935-F-1-S DU	05/02/2022 00:11	842338	0.64		50
460-255935-F-1-T MS	05/02/2022 00:11	842338	0.64		50
460-257083-1	05/02/2022 00:11	842338	0.64		50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/02/2022 09:35 End Date: 05/03/2022 04:12

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
IC 460-842402/1	1		09:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
IC 460-842402/2	1		09:37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
IC 460-842402/3	1		09:39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
IC 460-842402/4	1		09:42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
IC 460-842402/5	1		09:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
IC 460-842402/6	1		09:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICV 460-842402/7	1		09:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-842402/8	1		09:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 460-842402/9			09:53																				
ICSA 460-842402/10	1		09:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-842402/11	1		09:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LRC 460-842402/12	1		10:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LRC 460-842402/13	1		10:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-842402/14	1		10:12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-842402/15	1		10:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			10:23																				
ZZZZZZ			10:25																				
ZZZZZZ			10:28																				
ZZZZZZ			10:30																				
ZZZZZZ			10:32																				
ZZZZZZ			10:35																				
ZZZZZZ			10:37																				
ZZZZZZ			10:39																				
ZZZZZZ			10:41																				
ZZZZZZ			10:44																				
CCV 460-842402/26			10:46																				
CCB 460-842402/27			10:48																				
ZZZZZZ			10:51																				
ZZZZZZ			10:53																				
ZZZZZZ			10:55																				
ZZZZZZ			10:58																				
ZZZZZZ			11:00																				
ZZZZZZ			11:02																				
ZZZZZZ			11:05																				
ZZZZZZ			11:07																				
ZZZZZZ			11:09																				
ZZZZZZ			11:12																				
CCV 460-842402/38			11:14																				
CCB 460-842402/39			11:16																				
ZZZZZZ			11:19																				
ZZZZZZ			11:21																				
ZZZZZZ			11:23																				
ZZZZZZ			11:26																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/02/2022 09:35 End Date: 05/03/2022 04:12

Lab Sample ID	D/F	Type	Time	Analytes																				
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			11:28																					
ZZZZZZ			11:30																					
ZZZZZZ			11:33																					
ZZZZZZ			11:35																					
ZZZZZZ			11:37																					
ZZZZZZ			11:40																					
CCV 460-842402/50			11:42																					
CCB 460-842402/51			11:44																					
ZZZZZZ			11:46																					
ZZZZZZ			11:49																					
ZZZZZZ			11:51																					
ZZZZZZ			11:53																					
ZZZZZZ			11:56																					
ZZZZZZ			11:58																					
ZZZZZZ			12:00																					
ZZZZZZ			12:03																					
ZZZZZZ			12:05																					
ZZZZZZ			12:07																					
CCV 460-842402/62			12:10																					
CCB 460-842402/63			12:12																					
ZZZZZZ			12:20																					
ZZZZZZ			12:22																					
ZZZZZZ			12:24																					
ZZZZZZ			12:27																					
ZZZZZZ			12:29																					
ZZZZZZ			12:31																					
ZZZZZZ			12:34																					
ZZZZZZ			12:36																					
ZZZZZZ			12:38																					
ZZZZZZ			12:41																					
CCV 460-842402/74			12:43																					
CCB 460-842402/75			12:45																					
ZZZZZZ			12:48																					
ZZZZZZ			12:50																					
ZZZZZZ			12:52																					
ZZZZZZ			12:54																					
ZZZZZZ			12:57																					
ZZZZZZ			12:59																					
ZZZZZZ			13:01																					
ZZZZZZ			13:04																					
ZZZZZZ			13:06																					
ZZZZZZ			13:08																					
CCV 460-842402/86			13:11																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/02/2022 09:35 End Date: 05/03/2022 04:12

Lab Sample ID	D/F	Type	Time	Analytes																				
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
CCB 460-842402/87			13:13																				
ZZZZZZ			13:15																				
ZZZZZZ			13:18																				
ZZZZZZ			13:20																				
ZZZZZZ			13:22																				
ZZZZZZ			13:25																				
ZZZZZZ			13:27																				
ZZZZZZ			13:29																				
ZZZZZZ			13:32																				
ZZZZZZ			13:34																				
ZZZZZZ			13:36																				
CCV 460-842402/98			13:39																				
CCB 460-842402/99			13:41																				
ZZZZZZ			13:43																				
ZZZZZZ			13:46																				
ZZZZZZ			13:48																				
ZZZZZZ			13:50																				
ZZZZZZ			13:53																				
ZZZZZZ			13:55																				
ZZZZZZ			13:57																				
ZZZZZZ			13:59																				
ZZZZZZ			14:02																				
ZZZZZZ			14:04																				
CCV 460-842402/110			14:06																				
CCB 460-842402/111			14:09																				
ZZZZZZ			14:11																				
ZZZZZZ			14:13																				
ZZZZZZ			14:16																				
ZZZZZZ			14:18																				
ZZZZZZ			14:20																				
ZZZZZZ			14:23																				
ZZZZZZ			14:25																				
ZZZZZZ			14:27																				
ZZZZZZ			14:30																				
ZZZZZZ			14:32																				
CCV 460-842402/122			14:34																				
CCB 460-842402/123			14:37																				
ZZZZZZ			14:39																				
ZZZZZZ			14:41																				
ZZZZZZ			14:44																				
ZZZZZZ			15:09																				
ZZZZZZ			15:11																				
ZZZZZZ			15:13																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/02/2022 09:35 End Date: 05/03/2022 04:12

Lab Sample ID	D/F	Type	Time	Analytes																				
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			15:16																					
ZZZZZZ			15:18																					
ZZZZZZ			15:20																					
ZZZZZZ			15:23																					
CCV 460-842402/134			15:25																					
CCB 460-842402/135			15:27																					
ZZZZZZ			15:30																					
ZZZZZZ			15:32																					
ZZZZZZ			15:34																					
ZZZZZZ			15:37																					
ZZZZZZ			15:39																					
ZZZZZZ			15:41																					
ZZZZZZ			15:44																					
ZZZZZZ			15:46																					
ZZZZZZ			15:48																					
ZZZZZZ			15:51																					
CCV 460-842402/146	1		15:53	X		X	X			X		X							X	X		X		
CCB 460-842402/147	1		15:55	X		X	X			X		X							X	X		X		
MB 460-842388/1-A	1	T	15:58	X		X	X			X		X							X	X		X		
LCS 460-842388/2-A ^10	10	T	16:00	X		X	X			X		X							X	X		X		
140-27249-B-6-J PDS ^10	10		16:02			X	X			X		X							X	X		X		
140-27249-B-6-M MSD ^10	10		16:05			X	X			X		X							X	X		X		
140-27249-B-6-R MS	10		16:07			X	X			X		X							X	X		X		
140-27249-B-6-K DU ^10	10		16:09			X	X			X		X							X	X		X		
ZZZZZZ			16:12																					
140-27249-B-6-J SD ^50	50		16:14			X	X			X		X							X	X		X		
ZZZZZZ			16:16																					
ZZZZZZ			16:19																					
CCV 460-842402/158	1		16:21	X		X	X			X		X							X	X		X		
CCB 460-842402/159	1		16:23	X		X	X			X		X							X	X		X		
LB 460-841871/1-E ^10	10	P	16:26	X		X	X			X		X							X	X		X		
ZZZZZZ			16:28																					
LB 460-842318/1-C ^10	10	P	16:30	X		X	X			X		X							X	X		X		
460-257083-1	10	P	16:33	X		X	X			X		X							X	X		X		
ZZZZZZ			16:35																					
ZZZZZZ			16:37																					
ZZZZZZ			16:40																					
ZZZZZZ			16:42																					
ZZZZZZ			16:45																					
ZZZZZZ			16:47																					
CCV 460-842402/170	1		16:49	X		X	X			X		X							X	X		X		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/02/2022 09:35 End Date: 05/03/2022 04:12

Lab Sample ID	D/F	Type	Time	Analytes																				
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
CCB 460-842402/171	1		16:51	X		X	X			X		X							X	X		X	
ZZZZZZ			16:54																				
ZZZZZZ			16:56																				
ZZZZZZ			16:58																				
ZZZZZZ			17:01																				
ZZZZZZ			17:03																				
ZZZZZZ			17:06																				
ZZZZZZ			17:08																				
ZZZZZZ			17:10																				
ZZZZZZ			17:12																				
ZZZZZZ			17:15																				
CCV 460-842402/430			17:17																				
CCB 460-842402/431			17:19																				
ZZZZZZ			17:22																				
ZZZZZZ			17:24																				
ZZZZZZ			17:26																				
ZZZZZZ			17:29																				
ZZZZZZ			17:31																				
ZZZZZZ			17:33																				
ZZZZZZ			17:36																				
ZZZZZZ			17:38																				
ZZZZZZ			17:40																				
ZZZZZZ			17:43																				
CCV 460-842402/182			17:45																				
CCB 460-842402/183			17:47																				
ZZZZZZ			17:50																				
ZZZZZZ			17:52																				
ZZZZZZ			17:54																				
ZZZZZZ			17:57																				
ZZZZZZ			17:59																				
ZZZZZZ			18:01																				
CCV 460-842402/190			18:04																				
CCB 460-842402/191			18:06																				
ZZZZZZ			18:08																				
ZZZZZZ			18:11																				
ZZZZZZ			18:13																				
ZZZZZZ			18:15																				
ZZZZZZ			18:17																				
CCV 460-842402/197			18:49																				
CCB 460-842402/198			18:51																				
ZZZZZZ			18:53																				
ZZZZZZ			18:56																				
ZZZZZZ			18:58																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/02/2022 09:35 End Date: 05/03/2022 04:12

Lab Sample ID	D/F	Type	Time	Analytes																				
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			19:00																					
ZZZZZZ			19:03																					
ZZZZZZ			19:05																					
ZZZZZZ			19:07																					
ZZZZZZ			19:10																					
ZZZZZZ			19:12																					
ZZZZZZ			19:14																					
CCV 460-842402/209			19:17																					
CCB 460-842402/210			19:19																					
ZZZZZZ			19:43																					
ZZZZZZ			19:46																					
ZZZZZZ			19:48																					
ZZZZZZ			19:50																					
ZZZZZZ			19:53																					
ZZZZZZ			19:55																					
ZZZZZZ			19:57																					
ZZZZZZ			20:00																					
ZZZZZZ			20:02																					
ZZZZZZ			20:04																					
CCV 460-842402/221			20:07																					
CCB 460-842402/222			20:09																					
ZZZZZZ			20:11																					
ZZZZZZ			20:14																					
ZZZZZZ			20:16																					
ZZZZZZ			20:18																					
ZZZZZZ			20:20																					
ZZZZZZ			20:23																					
ZZZZZZ			20:25																					
ZZZZZZ			20:27																					
ZZZZZZ			20:30																					
ZZZZZZ			20:32																					
CCV 460-842402/233			20:34																					
CCB 460-842402/234			20:37																					
ZZZZZZ			20:39																					
ZZZZZZ			20:41																					
ZZZZZZ			20:44																					
ZZZZZZ			20:46																					
ZZZZZZ			20:48																					
ZZZZZZ			20:51																					
ZZZZZZ			20:53																					
ZZZZZZ			20:55																					
ZZZZZZ			20:58																					
ZZZZZZ			21:00																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/02/2022 09:35 End Date: 05/03/2022 04:12

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
CCV 460-842402/245	1		21:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-842402/246	1		21:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 460-842260/1-A	1	T	21:07	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCSSRM 460-842260/2-A ^5	5	T	21:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			21:11																				
460-257083-1 MS	1	T	21:14	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-257083-1 DU	1	T	21:16	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-257083-1	1	T	21:18	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-257083-1 SD	5	T	21:21	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			21:23																				
ZZZZZZ			21:25																				
ZZZZZZ			21:28																				
CCV 460-842402/257	1		21:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-842402/258	1		21:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			21:35																				
ZZZZZZ			21:37																				
ZZZZZZ			21:39																				
ZZZZZZ			21:42																				
ZZZZZZ			21:44																				
ZZZZZZ			21:46																				
ZZZZZZ			21:49																				
ZZZZZZ			21:51																				
ZZZZZZ			21:53																				
ZZZZZZ			21:56																				
CCV 460-842402/269			21:58																				
CCB 460-842402/270			22:00																				
ZZZZZZ			22:03																				
ZZZZZZ			22:05																				
ZZZZZZ			22:07																				
ZZZZZZ			22:09																				
ZZZZZZ			22:12																				
ZZZZZZ			22:14																				
ZZZZZZ			22:24																				
ZZZZZZ			22:26																				
ZZZZZZ			22:29																				
ZZZZZZ			22:31																				
CCV 460-842402/281			22:33																				
CCB 460-842402/282			22:36																				
ZZZZZZ			22:38																				
ZZZZZZ			22:40																				
ICSA 460-842402/285	1		22:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-842402/286	1		22:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/02/2022 09:35 End Date: 05/03/2022 04:12

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			22:48																				
ZZZZZZ			22:51																				
ZZZZZZ			22:53																				
CCV 460-842402/290	1		22:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-842402/291	1		22:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-257083-1 PDS	4	T	23:00						X														
460-257083-1 MS	4	T	23:02						X														
460-257083-1 DU	4	T	23:05						X														
460-257083-1	4	T	23:07						X														
ZZZZZZ			23:09																				
460-257083-1 SD	20	T	23:12						X														
CCV 460-842402/298	1		23:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-842402/299	1		23:16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			23:19																				
ZZZZZZ			23:21																				
ZZZZZZ			23:23																				
ZZZZZZ			23:25																				
ZZZZZZ			23:28																				
ZZZZZZ			23:30																				
ZZZZZZ			23:32																				
460-257083-1 PDS	1	T	23:35	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			23:37																				
ZZZZZZ			23:39																				
CCV 460-842402/310	1		23:42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-842402/311	1		23:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			23:46																				
ZZZZZZ			23:49																				
ZZZZZZ			23:51																				
ZZZZZZ			23:53																				
ZZZZZZ			23:56																				
ZZZZZZ			23:58																				
ZZZZZZ			00:00																				
ZZZZZZ			00:03																				
ZZZZZZ			00:05																				
ZZZZZZ			00:07																				
CCV 460-842402/322			00:10																				
CCB 460-842402/323			00:12																				
ZZZZZZ			00:14																				
ZZZZZZ			00:17																				
ZZZZZZ			00:19																				
ZZZZZZ			00:21																				
ZZZZZZ			00:24																				
ZZZZZZ			00:26																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/02/2022 09:35 End Date: 05/03/2022 04:12

Lab Sample ID	D/F	Type	Time	Analytes																				
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			00:28																					
ZZZZZZ			00:31																					
ZZZZZZ			00:33																					
ZZZZZZ			00:35																					
CCV 460-842402/334			00:38																					
CCB 460-842402/335			00:40																					
ZZZZZZ			00:42																					
ZZZZZZ			00:45																					
ZZZZZZ			00:47																					
ZZZZZZ			00:49																					
ZZZZZZ			00:52																					
ZZZZZZ			00:54																					
ZZZZZZ			00:56																					
ZZZZZZ			00:59																					
ZZZZZZ			01:01																					
ZZZZZZ			01:03																					
CCV 460-842402/346			01:06																					
CCB 460-842402/347			01:08																					
ZZZZZZ			01:27																					
ZZZZZZ			01:29																					
ZZZZZZ			01:32																					
ZZZZZZ			01:34																					
ZZZZZZ			01:36																					
ZZZZZZ			01:39																					
ZZZZZZ			01:41																					
ZZZZZZ			01:43																					
ZZZZZZ			01:46																					
ZZZZZZ			01:48																					
CCV 460-842402/358			01:50																					
CCB 460-842402/359			01:53																					
ZZZZZZ			01:55																					
ZZZZZZ			01:57																					
ZZZZZZ			02:00																					
ZZZZZZ			02:02																					
ZZZZZZ			02:04																					
ZZZZZZ			02:07																					
ZZZZZZ			02:09																					
ZZZZZZ			02:11																					
ZZZZZZ			02:14																					
ZZZZZZ			02:16																					
CCV 460-842402/370			02:18																					
CCB 460-842402/371			02:20																					
ZZZZZZ			02:23																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/02/2022 09:35 End Date: 05/03/2022 04:12

Lab Sample ID	D / F	Type	Time	Analytes																				
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			02:25																					
ZZZZZZ			02:27																					
ZZZZZZ			02:30																					
ZZZZZZ			02:32																					
ZZZZZZ			02:34																					
ZZZZZZ			02:37																					
ZZZZZZ			02:39																					
ZZZZZZ			02:41																					
ZZZZZZ			02:44																					
CCV 460-842402/382			02:46																					
CCB 460-842402/383			02:48																					
ZZZZZZ			02:51																					
ZZZZZZ			02:53																					
ZZZZZZ			02:55																					
ZZZZZZ			02:58																					
ZZZZZZ			03:00																					
ZZZZZZ			03:02																					
ZZZZZZ			03:05																					
ZZZZZZ			03:07																					
ZZZZZZ			03:09																					
ZZZZZZ			03:12																					
CCV 460-842402/394			03:14																					
CCB 460-842402/395			03:16																					
ZZZZZZ			03:19																					
ZZZZZZ			03:21																					
ZZZZZZ			03:23																					
ZZZZZZ			03:26																					
ZZZZZZ			03:28																					
ZZZZZZ			03:30																					
ZZZZZZ			03:33																					
ZZZZZZ			03:35																					
ZZZZZZ			03:37																					
ZZZZZZ			03:40																					
CCV 460-842402/406			03:42																					
CCB 460-842402/407			03:44																					
ZZZZZZ			03:47																					
ZZZZZZ			03:49																					
ZZZZZZ			03:51																					
ZZZZZZ			03:54																					
ZZZZZZ			03:56																					
ZZZZZZ			03:58																					
ZZZZZZ			04:01																					
ZZZZZZ			04:03																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/02/2022 09:35 End Date: 05/03/2022 04:12

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			04:05																				
ZZZZZZ			04:08																				
CCV 460-842402/418			04:10																				
CCB 460-842402/419			04:12																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/02/2022 09:35 End Date: 05/03/2022 04:12

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
IC 460-842402/1	1		09:35	X	X																		
IC 460-842402/2	1		09:37	X	X																		
IC 460-842402/3	1		09:39	X	X																		
IC 460-842402/4	1		09:42	X	X																		
IC 460-842402/5	1		09:44	X	X																		
IC 460-842402/6	1		09:46	X	X																		
ICV 460-842402/7	1		09:49	X	X																		
ICB 460-842402/8	1		09:51	X	X																		
CRI 460-842402/9			09:53																				
ICSA 460-842402/10	1		09:56	X	X																		
ICSAB 460-842402/11	1		09:58	X	X																		
LRC 460-842402/12	1		10:00	X	X																		
LRC 460-842402/13	1		10:03	X	X																		
CCV 460-842402/14	1		10:12	X	X																		
CCB 460-842402/15	1		10:14	X	X																		
ZZZZZZ			10:23																				
ZZZZZZ			10:25																				
ZZZZZZ			10:28																				
ZZZZZZ			10:30																				
ZZZZZZ			10:32																				
ZZZZZZ			10:35																				
ZZZZZZ			10:37																				
ZZZZZZ			10:39																				
ZZZZZZ			10:41																				
ZZZZZZ			10:44																				
CCV 460-842402/26			10:46																				
CCB 460-842402/27			10:48																				
ZZZZZZ			10:51																				
ZZZZZZ			10:53																				
ZZZZZZ			10:55																				
ZZZZZZ			10:58																				
ZZZZZZ			11:00																				
ZZZZZZ			11:02																				
ZZZZZZ			11:05																				
ZZZZZZ			11:07																				
ZZZZZZ			11:09																				
ZZZZZZ			11:12																				
CCV 460-842402/38			11:14																				
CCB 460-842402/39			11:16																				
ZZZZZZ			11:19																				
ZZZZZZ			11:21																				
ZZZZZZ			11:23																				
ZZZZZZ			11:26																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/02/2022 09:35 End Date: 05/03/2022 04:12

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			11:28																				
ZZZZZZ			11:30																				
ZZZZZZ			11:33																				
ZZZZZZ			11:35																				
ZZZZZZ			11:37																				
ZZZZZZ			11:40																				
CCV 460-842402/50			11:42																				
CCB 460-842402/51			11:44																				
ZZZZZZ			11:46																				
ZZZZZZ			11:49																				
ZZZZZZ			11:51																				
ZZZZZZ			11:53																				
ZZZZZZ			11:56																				
ZZZZZZ			11:58																				
ZZZZZZ			12:00																				
ZZZZZZ			12:03																				
ZZZZZZ			12:05																				
ZZZZZZ			12:07																				
CCV 460-842402/62			12:10																				
CCB 460-842402/63			12:12																				
ZZZZZZ			12:20																				
ZZZZZZ			12:22																				
ZZZZZZ			12:24																				
ZZZZZZ			12:27																				
ZZZZZZ			12:29																				
ZZZZZZ			12:31																				
ZZZZZZ			12:34																				
ZZZZZZ			12:36																				
ZZZZZZ			12:38																				
ZZZZZZ			12:41																				
CCV 460-842402/74			12:43																				
CCB 460-842402/75			12:45																				
ZZZZZZ			12:48																				
ZZZZZZ			12:50																				
ZZZZZZ			12:52																				
ZZZZZZ			12:54																				
ZZZZZZ			12:57																				
ZZZZZZ			12:59																				
ZZZZZZ			13:01																				
ZZZZZZ			13:04																				
ZZZZZZ			13:06																				
ZZZZZZ			13:08																				
CCV 460-842402/86			13:11																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/02/2022 09:35 End Date: 05/03/2022 04:12

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
CCB 460-842402/87			13:13																				
ZZZZZZ			13:15																				
ZZZZZZ			13:18																				
ZZZZZZ			13:20																				
ZZZZZZ			13:22																				
ZZZZZZ			13:25																				
ZZZZZZ			13:27																				
ZZZZZZ			13:29																				
ZZZZZZ			13:32																				
ZZZZZZ			13:34																				
ZZZZZZ			13:36																				
CCV 460-842402/98			13:39																				
CCB 460-842402/99			13:41																				
ZZZZZZ			13:43																				
ZZZZZZ			13:46																				
ZZZZZZ			13:48																				
ZZZZZZ			13:50																				
ZZZZZZ			13:53																				
ZZZZZZ			13:55																				
ZZZZZZ			13:57																				
ZZZZZZ			13:59																				
ZZZZZZ			14:02																				
ZZZZZZ			14:04																				
CCV 460-842402/110			14:06																				
CCB 460-842402/111			14:09																				
ZZZZZZ			14:11																				
ZZZZZZ			14:13																				
ZZZZZZ			14:16																				
ZZZZZZ			14:18																				
ZZZZZZ			14:20																				
ZZZZZZ			14:23																				
ZZZZZZ			14:25																				
ZZZZZZ			14:27																				
ZZZZZZ			14:30																				
ZZZZZZ			14:32																				
CCV 460-842402/122			14:34																				
CCB 460-842402/123			14:37																				
ZZZZZZ			14:39																				
ZZZZZZ			14:41																				
ZZZZZZ			14:44																				
ZZZZZZ			15:09																				
ZZZZZZ			15:11																				
ZZZZZZ			15:13																				

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/02/2022 09:35 End Date: 05/03/2022 04:12

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			15:16																				
ZZZZZZ			15:18																				
ZZZZZZ			15:20																				
ZZZZZZ			15:23																				
CCV 460-842402/134			15:25																				
CCB 460-842402/135			15:27																				
ZZZZZZ			15:30																				
ZZZZZZ			15:32																				
ZZZZZZ			15:34																				
ZZZZZZ			15:37																				
ZZZZZZ			15:39																				
ZZZZZZ			15:41																				
ZZZZZZ			15:44																				
ZZZZZZ			15:46																				
ZZZZZZ			15:48																				
ZZZZZZ			15:51																				
CCV 460-842402/146	1		15:53																				
CCB 460-842402/147	1		15:55																				
MB 460-842388/1-A	1	T	15:58																				
LCS 460-842388/2-A ^10	10	T	16:00																				
140-27249-B-6-J PDS ^10	10		16:02																				
140-27249-B-6-M MSD ^10	10		16:05																				
140-27249-B-6-R MS	10		16:07																				
140-27249-B-6-K DU ^10	10		16:09																				
ZZZZZZ			16:12																				
140-27249-B-6-J SD ^50	50		16:14																				
ZZZZZZ			16:16																				
ZZZZZZ			16:19																				
CCV 460-842402/158	1		16:21																				
CCB 460-842402/159	1		16:23																				
LB 460-841871/1-E ^10	10	P	16:26																				
ZZZZZZ			16:28																				
LB 460-842318/1-C ^10	10	P	16:30																				
460-257083-1	10	P	16:33																				
ZZZZZZ			16:35																				
ZZZZZZ			16:37																				
ZZZZZZ			16:40																				
ZZZZZZ			16:42																				
ZZZZZZ			16:45																				
ZZZZZZ			16:47																				
CCV 460-842402/170	1		16:49																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/02/2022 09:35 End Date: 05/03/2022 04:12

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
CCB 460-842402/171	1		16:51																				
ZZZZZZ			16:54																				
ZZZZZZ			16:56																				
ZZZZZZ			16:58																				
ZZZZZZ			17:01																				
ZZZZZZ			17:03																				
ZZZZZZ			17:06																				
ZZZZZZ			17:08																				
ZZZZZZ			17:10																				
ZZZZZZ			17:12																				
ZZZZZZ			17:15																				
CCV 460-842402/430			17:17																				
CCB 460-842402/431			17:19																				
ZZZZZZ			17:22																				
ZZZZZZ			17:24																				
ZZZZZZ			17:26																				
ZZZZZZ			17:29																				
ZZZZZZ			17:31																				
ZZZZZZ			17:33																				
ZZZZZZ			17:36																				
ZZZZZZ			17:38																				
ZZZZZZ			17:40																				
ZZZZZZ			17:43																				
CCV 460-842402/182			17:45																				
CCB 460-842402/183			17:47																				
ZZZZZZ			17:50																				
ZZZZZZ			17:52																				
ZZZZZZ			17:54																				
ZZZZZZ			17:57																				
ZZZZZZ			17:59																				
ZZZZZZ			18:01																				
CCV 460-842402/190			18:04																				
CCB 460-842402/191			18:06																				
ZZZZZZ			18:08																				
ZZZZZZ			18:11																				
ZZZZZZ			18:13																				
ZZZZZZ			18:15																				
ZZZZZZ			18:17																				
CCV 460-842402/197			18:49																				
CCB 460-842402/198			18:51																				
ZZZZZZ			18:53																				
ZZZZZZ			18:56																				
ZZZZZZ			18:58																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/02/2022 09:35 End Date: 05/03/2022 04:12

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			19:00																				
ZZZZZZ			19:03																				
ZZZZZZ			19:05																				
ZZZZZZ			19:07																				
ZZZZZZ			19:10																				
ZZZZZZ			19:12																				
ZZZZZZ			19:14																				
CCV 460-842402/209			19:17																				
CCB 460-842402/210			19:19																				
ZZZZZZ			19:43																				
ZZZZZZ			19:46																				
ZZZZZZ			19:48																				
ZZZZZZ			19:50																				
ZZZZZZ			19:53																				
ZZZZZZ			19:55																				
ZZZZZZ			19:57																				
ZZZZZZ			20:00																				
ZZZZZZ			20:02																				
ZZZZZZ			20:04																				
CCV 460-842402/221			20:07																				
CCB 460-842402/222			20:09																				
ZZZZZZ			20:11																				
ZZZZZZ			20:14																				
ZZZZZZ			20:16																				
ZZZZZZ			20:18																				
ZZZZZZ			20:20																				
ZZZZZZ			20:23																				
ZZZZZZ			20:25																				
ZZZZZZ			20:27																				
ZZZZZZ			20:30																				
ZZZZZZ			20:32																				
CCV 460-842402/233			20:34																				
CCB 460-842402/234			20:37																				
ZZZZZZ			20:39																				
ZZZZZZ			20:41																				
ZZZZZZ			20:44																				
ZZZZZZ			20:46																				
ZZZZZZ			20:48																				
ZZZZZZ			20:51																				
ZZZZZZ			20:53																				
ZZZZZZ			20:55																				
ZZZZZZ			20:58																				
ZZZZZZ			21:00																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/02/2022 09:35 End Date: 05/03/2022 04:12

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
CCV 460-842402/245	1		21:02	X	X																		
CCB 460-842402/246	1		21:05	X	X																		
MB 460-842260/1-A	1	T	21:07	X	X																		
LCSSRM 460-842260/2-A ^5	5	T	21:09	X	X																		
ZZZZZZ			21:11																				
460-257083-1 MS	1	T	21:14	X	X																		
460-257083-1 DU	1	T	21:16	X	X																		
460-257083-1	1	T	21:18	X	X																		
460-257083-1 SD	5	T	21:21	X	X																		
ZZZZZZ			21:23																				
ZZZZZZ			21:25																				
ZZZZZZ			21:28																				
CCV 460-842402/257	1		21:30	X	X																		
CCB 460-842402/258	1		21:32	X	X																		
ZZZZZZ			21:35																				
ZZZZZZ			21:37																				
ZZZZZZ			21:39																				
ZZZZZZ			21:42																				
ZZZZZZ			21:44																				
ZZZZZZ			21:46																				
ZZZZZZ			21:49																				
ZZZZZZ			21:51																				
ZZZZZZ			21:53																				
ZZZZZZ			21:56																				
CCV 460-842402/269			21:58																				
CCB 460-842402/270			22:00																				
ZZZZZZ			22:03																				
ZZZZZZ			22:05																				
ZZZZZZ			22:07																				
ZZZZZZ			22:09																				
ZZZZZZ			22:12																				
ZZZZZZ			22:14																				
ZZZZZZ			22:24																				
ZZZZZZ			22:26																				
ZZZZZZ			22:29																				
ZZZZZZ			22:31																				
CCV 460-842402/281			22:33																				
CCB 460-842402/282			22:36																				
ZZZZZZ			22:38																				
ZZZZZZ			22:40																				
ICSA 460-842402/285	1		22:44	X	X																		
ICSAB 460-842402/286	1		22:46	X	X																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/02/2022 09:35 End Date: 05/03/2022 04:12

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			22:48																				
ZZZZZZ			22:51																				
ZZZZZZ			22:53																				
CCV 460-842402/290	1		22:55	X	X																		
CCB 460-842402/291	1		22:58	X	X																		
460-257083-1 PDS	4	T	23:00																				
460-257083-1 MS	4	T	23:02																				
460-257083-1 DU	4	T	23:05																				
460-257083-1	4	T	23:07																				
ZZZZZZ			23:09																				
460-257083-1 SD	20	T	23:12																				
CCV 460-842402/298	1		23:14	X	X																		
CCB 460-842402/299	1		23:16	X	X																		
ZZZZZZ			23:19																				
ZZZZZZ			23:21																				
ZZZZZZ			23:23																				
ZZZZZZ			23:25																				
ZZZZZZ			23:28																				
ZZZZZZ			23:30																				
ZZZZZZ			23:32																				
460-257083-1 PDS	1	T	23:35	X	X																		
ZZZZZZ			23:37																				
ZZZZZZ			23:39																				
CCV 460-842402/310	1		23:42	X	X																		
CCB 460-842402/311	1		23:44	X	X																		
ZZZZZZ			23:46																				
ZZZZZZ			23:49																				
ZZZZZZ			23:51																				
ZZZZZZ			23:53																				
ZZZZZZ			23:56																				
ZZZZZZ			23:58																				
ZZZZZZ			00:00																				
ZZZZZZ			00:03																				
ZZZZZZ			00:05																				
ZZZZZZ			00:07																				
CCV 460-842402/322			00:10																				
CCB 460-842402/323			00:12																				
ZZZZZZ			00:14																				
ZZZZZZ			00:17																				
ZZZZZZ			00:19																				
ZZZZZZ			00:21																				
ZZZZZZ			00:24																				
ZZZZZZ			00:26																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/02/2022 09:35 End Date: 05/03/2022 04:12

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			00:28																				
ZZZZZZ			00:31																				
ZZZZZZ			00:33																				
ZZZZZZ			00:35																				
CCV 460-842402/334			00:38																				
CCB 460-842402/335			00:40																				
ZZZZZZ			00:42																				
ZZZZZZ			00:45																				
ZZZZZZ			00:47																				
ZZZZZZ			00:49																				
ZZZZZZ			00:52																				
ZZZZZZ			00:54																				
ZZZZZZ			00:56																				
ZZZZZZ			00:59																				
ZZZZZZ			01:01																				
ZZZZZZ			01:03																				
CCV 460-842402/346			01:06																				
CCB 460-842402/347			01:08																				
ZZZZZZ			01:27																				
ZZZZZZ			01:29																				
ZZZZZZ			01:32																				
ZZZZZZ			01:34																				
ZZZZZZ			01:36																				
ZZZZZZ			01:39																				
ZZZZZZ			01:41																				
ZZZZZZ			01:43																				
ZZZZZZ			01:46																				
ZZZZZZ			01:48																				
CCV 460-842402/358			01:50																				
CCB 460-842402/359			01:53																				
ZZZZZZ			01:55																				
ZZZZZZ			01:57																				
ZZZZZZ			02:00																				
ZZZZZZ			02:02																				
ZZZZZZ			02:04																				
ZZZZZZ			02:07																				
ZZZZZZ			02:09																				
ZZZZZZ			02:11																				
ZZZZZZ			02:14																				
ZZZZZZ			02:16																				
CCV 460-842402/370			02:18																				
CCB 460-842402/371			02:20																				
ZZZZZZ			02:23																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/02/2022 09:35 End Date: 05/03/2022 04:12

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			02:25																				
ZZZZZZ			02:27																				
ZZZZZZ			02:30																				
ZZZZZZ			02:32																				
ZZZZZZ			02:34																				
ZZZZZZ			02:37																				
ZZZZZZ			02:39																				
ZZZZZZ			02:41																				
ZZZZZZ			02:44																				
CCV 460-842402/382			02:46																				
CCB 460-842402/383			02:48																				
ZZZZZZ			02:51																				
ZZZZZZ			02:53																				
ZZZZZZ			02:55																				
ZZZZZZ			02:58																				
ZZZZZZ			03:00																				
ZZZZZZ			03:02																				
ZZZZZZ			03:05																				
ZZZZZZ			03:07																				
ZZZZZZ			03:09																				
ZZZZZZ			03:12																				
CCV 460-842402/394			03:14																				
CCB 460-842402/395			03:16																				
ZZZZZZ			03:19																				
ZZZZZZ			03:21																				
ZZZZZZ			03:23																				
ZZZZZZ			03:26																				
ZZZZZZ			03:28																				
ZZZZZZ			03:30																				
ZZZZZZ			03:33																				
ZZZZZZ			03:35																				
ZZZZZZ			03:37																				
ZZZZZZ			03:40																				
CCV 460-842402/406			03:42																				
CCB 460-842402/407			03:44																				
ZZZZZZ			03:47																				
ZZZZZZ			03:49																				
ZZZZZZ			03:51																				
ZZZZZZ			03:54																				
ZZZZZZ			03:56																				
ZZZZZZ			03:58																				
ZZZZZZ			04:01																				
ZZZZZZ			04:03																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/02/2022 09:35 End Date: 05/03/2022 04:12

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			04:05																				
ZZZZZZ			04:08																				
CCV 460-842402/418			04:10																				
CCB 460-842402/419			04:12																				

Prep Types

= TCLP

P = TCLP

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: LEEMAN6 Method: 7470A

Start Date: 04/29/2022 13:36 End Date: 04/29/2022 17:11

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ICIS 460-842096/1			13:36	X																			
IC 460-842004/26-A			13:38	X																			
IC 460-842004/27-A			13:40	X																			
IC 460-842004/28-A			13:41	X																			
IC 460-842004/29-A			13:43	X																			
IC 460-842004/30-A			13:45	X																			
ICV 460-842004/31-A	1		13:47	X																			
ICB 460-842096/8	1		13:48	X																			
CRI 460-842004/32-A	1		13:50	X																			
ZZZZZZ			13:52																				
ZZZZZZ			13:54																				
CCV 460-842004/35-A			13:55																				
CCB 460-842096/13			13:57																				
ZZZZZZ			13:59																				
ZZZZZZ			14:00																				
ZZZZZZ			14:02																				
ZZZZZZ			14:04																				
ZZZZZZ			14:06																				
ZZZZZZ			14:07																				
ZZZZZZ			14:09																				
ZZZZZZ			14:11																				
ZZZZZZ			14:12																				
ZZZZZZ			14:14																				
CCV 460-842004/35-A			14:16																				
CCB 460-842096/25			14:17																				
ZZZZZZ			14:19																				
ZZZZZZ			14:21																				
ZZZZZZ			14:23																				
ZZZZZZ			14:24																				
ZZZZZZ			14:26																				
ZZZZZZ			14:28																				
ZZZZZZ			14:29																				
ZZZZZZ			14:31																				
ZZZZZZ			14:33																				
ZZZZZZ			14:34																				
CCV 460-842004/35-A			14:36																				
CCB 460-842096/37			14:38																				
ZZZZZZ			14:40																				
ZZZZZZ			14:41																				
ZZZZZZ			14:43																				
ZZZZZZ			14:45																				
ZZZZZZ			14:46																				
ZZZZZZ			14:48																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: LEEMAN6 Method: 7470A

Start Date: 04/29/2022 13:36 End Date: 04/29/2022 17:11

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			14:50																				
ZZZZZZ			14:52																				
ZZZZZZ			14:53																				
ZZZZZZ			14:55																				
CCV 460-842004/35-A			14:57																				
CCB 460-842096/49			14:58																				
ZZZZZZ			15:00																				
ZZZZZZ			15:02																				
ZZZZZZ			15:04																				
ZZZZZZ			15:05																				
ZZZZZZ			15:07																				
ZZZZZZ			15:09																				
ZZZZZZ			15:10																				
ZZZZZZ			15:12																				
ZZZZZZ			15:14																				
ZZZZZZ			15:16																				
CCV 460-842004/35-A			15:17																				
CCB 460-842096/61			15:19																				
ZZZZZZ			15:21																				
ZZZZZZ			15:22																				
ZZZZZZ			15:24																				
ZZZZZZ			15:26																				
ZZZZZZ			15:27																				
ZZZZZZ			15:29																				
ZZZZZZ			15:31																				
ZZZZZZ			15:33																				
ZZZZZZ			15:35																				
ZZZZZZ			15:37																				
CCV 460-842004/35-A			15:38																				
CCB 460-842096/73			15:40																				
ZZZZZZ			15:42																				
ZZZZZZ			15:44																				
ZZZZZZ			15:45																				
ZZZZZZ			15:47																				
ZZZZZZ			15:49																				
ZZZZZZ			15:50																				
ZZZZZZ			15:52																				
ZZZZZZ			15:54																				
ZZZZZZ			15:55																				
ZZZZZZ			15:57																				
CCV 460-842004/35-A	1		15:59	X																			
CCB 460-842096/85	1		16:01	X																			
ZZZZZZ			16:02																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: LEEMAN6 Method: 7470A

Start Date: 04/29/2022 13:36 End Date: 04/29/2022 17:11

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			16:04																				
ZZZZZZ			16:06																				
ZZZZZZ			16:07																				
ZZZZZZ			16:09																				
MB 460-842049/1-A	1	T	16:11	X																			
LCS 460-842049/2-A	1	T	16:13	X																			
ZZZZZZ			16:14																				
180-137206-D-3-E DU	1	P	16:16	X																			
180-137206-D-3-F MS	1	P	16:18	X																			
CCV 460-842004/35-A	1		16:19	X																			
CCB 460-842096/97	1		16:21	X																			
180-137206-D-3-D SD ^5	5	P	16:23	X																			
ZZZZZZ			16:25																				
ZZZZZZ			16:26																				
ZZZZZZ			16:28																				
ZZZZZZ			16:30																				
ZZZZZZ			16:32																				
ZZZZZZ			16:33																				
ZZZZZZ			16:35																				
ZZZZZZ			16:37																				
460-257083-1	1	P	16:38	X																			
CCV 460-842004/35-A	1		16:40	X																			
CCB 460-842096/109	1		16:42	X																			
ZZZZZZ			16:44																				
ZZZZZZ			16:45																				
ZZZZZZ			16:47																				
ZZZZZZ			16:49																				
ZZZZZZ			16:50																				
ZZZZZZ			16:52																				
ZZZZZZ			16:54																				
LB 460-841871/1-C	1	P	16:56	X																			
ZZZZZZ			16:57																				
ZZZZZZ			16:59																				
CCV 460-842004/35-A	1		17:01	X																			
CCB 460-842096/121	1		17:02	X																			
ZZZZZZ			17:04																				
ZZZZZZ			17:06																				
ZZZZZZ			17:08																				
CCV 460-842004/35-A			17:09																				
CCB 460-842096/126			17:11																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: LEEMAN6 Method: 7470A

Start Date: 04/29/2022 13:36 End Date: 04/29/2022 17:11

Prep Types
P = TCLP
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: LEEMAN6 Method: 7471B

Start Date: 05/02/2022 03:22 End Date: 05/02/2022 07:21

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			03:22																				
ZZZZZZ			03:23																				
ICIS 460-842377/3			03:24	X																			
IC 460-842338/2-A			03:25	X																			
IC 460-842338/3-A			03:27	X																			
IC 460-842338/4-A			03:29	X																			
IC 460-842338/5-A			03:31	X																			
IC 460-842338/6-A			03:32	X																			
ICV 460-842377/9	1		03:34	X																			
ICB 460-842377/10	1		03:36	X																			
CCV 460-842377/11	1		03:38	X																			
CCB 460-842377/12	1		03:40	X																			
MB 460-842338/10-A	1	T	03:42	X																			
LCSSRM 460-842338/11-A ^40	40	T	03:43	X																			
ZZZZZZ			03:45																				
460-255935-F-1-S DU	1	T	03:47	X																			
460-255935-F-1-T MS	1	T	03:49	X																			
460-255935-F-1-R SD ^5	5	T	03:51	X																			
ZZZZZZ			03:52																				
ZZZZZZ			03:54																				
460-257083-1	1	T	03:56	X																			
ZZZZZZ			03:58																				
CCV 460-842377/23	1		04:00	X																			
CCB 460-842377/24	1		04:01	X																			
ZZZZZZ			04:03																				
ZZZZZZ			04:05																				
ZZZZZZ			04:07																				
ZZZZZZ			04:09																				
ZZZZZZ			04:10																				
ZZZZZZ			04:12																				
ZZZZZZ			04:14																				
ZZZZZZ			04:16																				
ZZZZZZ			04:17																				
ZZZZZZ			04:19																				
CCV 460-842377/35			04:21																				
CCB 460-842377/36			04:22																				
ZZZZZZ			04:24																				
ZZZZZZ			04:26																				
ZZZZZZ			04:28																				
ZZZZZZ			04:30																				
ZZZZZZ			04:31																				
ZZZZZZ			04:33																				

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: LEEMAN6 Method: 7471B

Start Date: 05/02/2022 03:22 End Date: 05/02/2022 07:21

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			04:35																				
ZZZZZZ			04:37																				
ZZZZZZ			04:38																				
ZZZZZZ			04:40																				
CCV 460-842377/47			04:42																				
CCB 460-842377/48			04:44																				
ZZZZZZ			04:46																				
ZZZZZZ			04:47																				
ZZZZZZ			04:49																				
ZZZZZZ			04:51																				
ZZZZZZ			04:53																				
ZZZZZZ			04:54																				
ZZZZZZ			04:56																				
ZZZZZZ			04:58																				
ZZZZZZ			05:00																				
ZZZZZZ			05:01																				
CCV 460-842377/59			05:03																				
CCB 460-842377/60			05:05																				
ZZZZZZ			05:07																				
ZZZZZZ			05:08																				
ZZZZZZ			05:10																				
ZZZZZZ			05:12																				
ZZZZZZ			05:14																				
ZZZZZZ			05:16																				
ZZZZZZ			05:18																				
ZZZZZZ			05:19																				
ZZZZZZ			05:21																				
ZZZZZZ			05:23																				
CCV 460-842377/71			05:25																				
CCB 460-842377/72			05:27																				
ZZZZZZ			05:29																				
ZZZZZZ			05:30																				
ZZZZZZ			05:32																				
ZZZZZZ			05:34																				
ZZZZZZ			05:36																				
ZZZZZZ			05:37																				
ZZZZZZ			05:39																				
ZZZZZZ			05:41																				
ZZZZZZ			05:43																				
ZZZZZZ			05:45																				
CCV 460-842377/83			05:46																				
CCB 460-842377/84			05:48																				
ZZZZZZ			05:50																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: LEEMAN6 Method: 7471B

Start Date: 05/02/2022 03:22 End Date: 05/02/2022 07:21

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			05:52																				
ZZZZZZ			05:54																				
ZZZZZZ			05:55																				
ZZZZZZ			05:57																				
ZZZZZZ			05:59																				
ZZZZZZ			06:01																				
ZZZZZZ			06:02																				
ZZZZZZ			06:04																				
ZZZZZZ			06:06																				
CCV 460-842377/95			06:08																				
CCB 460-842377/96			06:10																				
ZZZZZZ			06:11																				
ZZZZZZ			06:13																				
ZZZZZZ			06:15																				
ZZZZZZ			06:17																				
ZZZZZZ			06:19																				
ZZZZZZ			06:20																				
ZZZZZZ			06:22																				
ZZZZZZ			06:24																				
ZZZZZZ			06:26																				
ZZZZZZ			06:28																				
CCV 460-842377/107			06:29																				
CCB 460-842377/108			06:31																				
ZZZZZZ			06:33																				
ZZZZZZ			06:35																				
ZZZZZZ			06:36																				
ZZZZZZ			06:38																				
ZZZZZZ			06:40																				
ZZZZZZ			06:42																				
ZZZZZZ			06:44																				
ZZZZZZ			06:45																				
ZZZZZZ			06:47																				
ZZZZZZ			06:49																				
CCV 460-842377/119			06:51																				
CCB 460-842377/120			06:52																				
ZZZZZZ			06:54																				
ZZZZZZ			06:56																				
ZZZZZZ			06:58																				
ZZZZZZ			07:00																				
ZZZZZZ			07:01																				
ZZZZZZ			07:03																				
ZZZZZZ			07:05																				
ZZZZZZ			07:07																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: LEEMAN6 Method: 7471B

Start Date: 05/02/2022 03:22 End Date: 05/02/2022 07:21

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			07:09																				
ZZZZZZ			07:10																				
CCV 460-842377/131			07:12																				
CCB 460-842377/132			07:14																				
ZZZZZZ			07:16																				
ZZZZZZ			07:17																				
CCV 460-842377/135			07:19																				
CCB 460-842377/136			07:21																				

Prep Types

T = Total/NA

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.: Analysis Batch No.: 842402

ICP-MS Instrument ID: ICPMS3 Start Date: 05/02/2022 End Date: 05/02/2022

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc/1	Q	Element Sc/2	Q	Element Sc/3	Q	Element Ge/2	Q
IC 460-842402/1	09:35	100		100		100		100		100	
IC 460-842402/2	09:37	99		100		100		100		99	
IC 460-842402/3	09:39	100		100		100		101		101	
IC 460-842402/4	09:42	100		100		101		103		102	
IC 460-842402/5	09:44	102		102		103		106		105	
IC 460-842402/6	09:46	101		102		104		105		107	
ICV 460-842402/7	09:49	101		102		104		105		106	
ICB 460-842402/8	09:51	100		103		103		104		103	
ICSA 460-842402/10	09:56	97		100		100		103		106	
ICSAB 460-842402/11	09:58	98		101		101		104		104	
LRC 460-842402/12	10:00	97		98		97		96		102	
LRC 460-842402/13	10:03	88		92		97		98		97	
CCV 460-842402/14	10:12	101		99		99		101		101	
CCB 460-842402/15	10:14	101		99		97		99		97	
CCV 460-842402/146	15:53	95		93		90		91		92	
CCB 460-842402/147	15:55	94		94		90		90		91	
MB 460-842388/1-A	15:58	92		92		89		90		90	
LCS 460-842388/2-A ^10	16:00	91		92		89		90		89	
140-27249-B-6-J PDS ^10	16:02	84		87		88		88		88	
140-27249-B-6-M MSD ^10	16:05	87		89		89		90		91	
140-27249-B-6-R MS	16:07	88		90		91		90		92	
140-27249-B-6-K DU ^10	16:09	89		91		90		92		91	
140-27249-B-6-J SD ^50	16:14	95		94		92		92		93	
CCV 460-842402/158	16:21	96		95		91		94		94	
CCB 460-842402/159	16:23	95		94		91		93		93	
LB 460-841871/1-E ^10	16:26	96		94		91		93		91	
LB 460-842318/1-C ^10	16:30	93		92		88		90		88	
460-257083-1	16:33	92		92		88		90		90	
CCV 460-842402/170	16:49	93		90		86		87		87	
CCB 460-842402/171	16:51	92		90		87		89		87	
CCV 460-842402/245	21:02	95		97		95		97		98	
CCB 460-842402/246	21:05	92		96		93		95		94	
MB 460-842260/1-A	21:07	91		95		93		94		96	
LCSSRM 460-842260/2-A ^5	21:09	93		97		96		96		101	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.: Analysis Batch No.: 842402

ICP-MS Instrument ID: ICPMS3 Start Date: 05/02/2022 End Date: 05/02/2022

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc/1	Q	Element Sc/2	Q	Element Sc/3	Q	Element Ge/2	Q
460-257083-1 MS	21:14	88		91		93		92		93	
460-257083-1 DU	21:16	90		93		94		95		95	
460-257083-1	21:18	91		95		95		95		97	
460-257083-1 SD	21:21	96		98		95		95		97	
CCV 460-842402/257	21:30	93		95		94		96		97	
CCB 460-842402/258	21:32	96		98		95		96		96	
ICSA 460-842402/285	22:44	88		91		89		89		94	
ICSAB 460-842402/286	22:46	91		92		90		91		94	
CCV 460-842402/290	22:55	91		91		87		88		89	
CCB 460-842402/291	22:58	91		92		88		90		88	
CCV 460-842402/298	23:14	91		90		87		87		89	
CCB 460-842402/299	23:16	92		91		89		89		89	
460-257083-1 PDS	23:35	86		90		90		93		91	
CCV 460-842402/310	23:42	90		92		89		90		92	
CCB 460-842402/311	23:44	90		93		90		91		90	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.: Analysis Batch No.: 842402

ICP-MS Instrument ID: ICPMS3 Start Date: 05/02/2022 End Date: 05/02/2022

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Ge/3	Q	Element In	Q	Element Tb	Q	Element Bi	Q	Element	Q
IC 460-842402/1	09:35	100		100		100		100			
IC 460-842402/2	09:37	101		102		101		102			
IC 460-842402/3	09:39	102		103		102		102			
IC 460-842402/4	09:42	106		104		104		103			
IC 460-842402/5	09:44	108		105		105		103			
IC 460-842402/6	09:46	107		105		106		101			
ICV 460-842402/7	09:49	111		106		106		104			
ICB 460-842402/8	09:51	105		105		104		104			
ICSA 460-842402/10	09:56	108		102		103		97			
ICSAB 460-842402/11	09:58	109		104		105		98			
LRC 460-842402/12	10:00	101		101		102		102			
LRC 460-842402/13	10:03	98		95		96		89			
CCV 460-842402/14	10:12	106		104		105		102			
CCB 460-842402/15	10:14	101		102		103		103			
CCV 460-842402/146	15:53	96		96		98		97			
CCB 460-842402/147	15:55	93		94		97		97			
MB 460-842388/1-A	15:58	92		92		95		96			
LCS 460-842388/2-A ^10	16:00	91		93		96		96			
140-27249-B-6-J PDS ^10	16:02	91		88		92		86			
140-27249-B-6-M MSD ^10	16:05	94		89		93		88			
140-27249-B-6-R MS	16:07	93		91		94		88			
140-27249-B-6-K DU ^10	16:09	94		92		95		88			
140-27249-B-6-J SD ^50	16:14	97		94		98		93			
CCV 460-842402/158	16:21	98		98		100		98			
CCB 460-842402/159	16:23	98		98		99		98			
LB 460-841871/1-E ^10	16:26	96		94		97		95			
LB 460-842318/1-C ^10	16:30	93		92		95		93			
460-257083-1	16:33	95		91		95		92			
CCV 460-842402/170	16:49	90		90		94		93			
CCB 460-842402/171	16:51	91		93		95		95			
CCV 460-842402/245	21:02	101		100		101		99			
CCB 460-842402/246	21:05	97		98		99		99			
MB 460-842260/1-A	21:07	100		97		99		98			
LCSSRM 460-842260/2-A ^5	21:09	103		99		101		100			

FORM XV - IN

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.: Analysis Batch No.: 842402

ICP-MS Instrument ID: ICPMS3 Start Date: 05/02/2022 End Date: 05/02/2022

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Ge/3	Q	Element In	Q	Element Tb	Q	Element Bi	Q	Element	Q
460-257083-1 MS	21:14	97		95		99		94			
460-257083-1 DU	21:16	98		96		99		95			
460-257083-1	21:18	98		96		100		96			
460-257083-1 SD	21:21	100		99		101		99			
CCV 460-842402/257	21:30	101		99		101		99			
CCB 460-842402/258	21:32	98		101		101		101			
ICSA 460-842402/285	22:44	95		92		96		92			
ICSAB 460-842402/286	22:46	99		93		97		93			
CCV 460-842402/290	22:55	94		91		95		93			
CCB 460-842402/291	22:58	94		94		95		95			
CCV 460-842402/298	23:14	93		91		95		93			
CCB 460-842402/299	23:16	92		93		95		96			
460-257083-1 PDS	23:35	98		93		98		93			
CCV 460-842402/310	23:42	96		94		97		95			
CCB 460-842402/311	23:44	93		95		97		97			

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 841871 Batch Start Date: 04/28/22 15:00 Batch Analyst: Gao, Yong X

Batch Method: 1311 Batch End Date: 04/29/22 07:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EFD_InitialpH	EFD_AddHClpH>5	VesselNumber	FiltCompDate
LB 460-841871/1		1311, 3010A, 6020B		100.00 g	2000 mL	4.93 SU		6	04/29/22
460-257083-E-1	CC-COMP-01	1311, 3010A, 6020B	P	100.07 g	2000 mL	12.14 SU	2.44	38	04/29/22

Lab Sample ID	Client Sample ID	Method Chain	Basis	FiltCompTime	LeachatepH	ExtractFluid	AnalysisComment		
LB 460-841871/1		1311, 3010A, 6020B		0700	4.93 SU	TF1042722	TCLP fluid #1; prep. 04/27/2022, exp. on 10/27/2022; pH measured on 04/29/2022		
460-257083-E-1	CC-COMP-01	1311, 3010A, 6020B	P	0740	10.87 SU	TF1042722	TCLP fluid #1; prep. 04/27/2022, exp. on 10/27/2022; pH measured on 04/29/2022		

Batch Notes	
Thermometer ID	Min/Max S/NC 187675
Tumbler Rotations per Minute	29
Balance ID	13
pH Meter ID	H
Room Temperature Thermometer ID	Ambient ID S72864, Temp 21.0
TCLP Fluid 1 ID	TF1042722; prep on 04/27/22; Exp.10/27/22
TCLP Fluid 1 pH	4.93
1N HCl ID	1N HCl, TCLP 3001, Exp. 10/09/2022
Filter ID	Environmental Express/ 400190-1305-T
Uncorrected Maximum Temperature	21.9 Degrees C
Maximum Temperature	21.9 Degrees C
Uncorrected Minimum Temperature	20.9 Degrees C
Minimum Temperature	20.9 Degrees C

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 841871 Batch Start Date: 04/28/22 15:00 Batch Analyst: Gao, Yong X

Batch Method: 1311 Batch End Date: 04/29/22 07:00

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 842260 Batch Start Date: 05/01/22 09:05 Batch Analyst: Wilson, Nidir N

Batch Method: 3050B Batch End Date: 05/01/22 14:05

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_ipmsSPK 00044	ME_LCSS_113 00001		
MB 460-842260/1		3050B, 6020B		1.00 g	100 mL				
LCSSRM 460-842260/2		3050B, 6020B		1.00 g	100 mL		1 g		
460-257083-E-1	CC-COMP-01	3050B, 6020B	T	1.00 g	100 mL				
460-257083-E-1 DU	CC-COMP-01	3050B, 6020B	T	1.00 g	100 mL				
460-257083-E-1 MS	CC-COMP-01	3050B, 6020B	T	1.00 g	100 mL	1 mL			

Batch Notes	
Balance ID	#35
Digestion Tube/Cup ID	J502014-4932 (SCP 50mL.tube)
Pipette/Syringe/Dispenser ID	#22
Analyst ID - Spike Analyst	NW
Hydrochloric Acid ID	0000275677
Nitric Acid ID	0000261535
Hydrogen Peroxide ID	0000262345
Digestion Unit ID	#8
Thermometer ID	Metals-7 (cf +2)
Filter ID	09-790F
Temperature - Uncorrected - Start	88 Uncorr Degrees C
Temperature - Corrected - Start	90 Corr Degrees C
Temperature - Uncorrected - End	88 Uncorr Degrees C
Temperature - Corrected - End	90 Corr Degrees C
Digestion Start Time	05/01/2022 09:05
Digestion End Time	05/01/2022 11:05

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 842318 Batch Start Date: 05/01/22 16:00 Batch Analyst: Gao, Yong X

Batch Method: 1311 Batch End Date: 05/02/22 08:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EFD_InitialpH	EFD_AddHClpH>5	VesselNumber	FiltCompDate
LB 460-842318/1		1311, 3010A, 6020B		100.00 g	2000 mL	4.93 SU		1	05/02/22
140-27249-B-6 MS		1311, 3010A, 6020B	P	100.00 g	2000 mL	6.89 SU	1.52	30	05/02/22
140-27249-B-6 MSD		1311, 3010A, 6020B	P	100.02 g	2000 mL	6.89 SU	1.52	31	05/02/22

Lab Sample ID	Client Sample ID	Method Chain	Basis	FiltCompTime	LeachatepH	ExtractFluid	AnalysisComment		
LB 460-842318/1		1311, 3010A, 6020B		0800	4.89 SU	TF1042922	TCLP Fluid #1; prep on 04/29/2022. exp on 10/29/2022; pH measured on 05/02/22		
140-27249-B-6 MS		1311, 3010A, 6020B	P	0810	4.77 SU	TF1042922	TCLP Fluid #1; prep on 04/29/2022. exp on 10/29/2022; pH measured on 05/02/22		
140-27249-B-6 MSD		1311, 3010A, 6020B	P	0815	4.77 SU	TF1042922	TCLP Fluid #1; prep on 04/29/2022. exp on 10/29/2022; pH measured on 05/02/22		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 842318 Batch Start Date: 05/01/22 16:00 Batch Analyst: Gao, Yong X

Batch Method: 1311 Batch End Date: 05/02/22 08:00

Batch Notes	
Thermometer ID	Min/Max S/NC 187675
Tumbler Rotations per Minute	29
Balance ID	13
pH Meter ID	H
Room Temperature Thermometer ID	Ambient ID S72864, Temp 21.1
TCLP Fluid 2 ID	TF1042922; prep on 04/29/22; Exp.10/29/22
TCLP Fluid 2 pH	4.93
1N HCl ID	1N HCl, TCLP 2993, Exp. 09/08/2022
Filter ID	Environmental Express/ 400190-1305-T
Uncorrected Maximum Temperature	21.3 Degrees C
Maximum Temperature	21.3 Degrees C
Uncorrected Minimum Temperature	20.9 Degrees C
Minimum Temperature	20.9 Degrees C

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 842388 Batch Start Date: 05/02/22 10:30 Batch Analyst: Shah, Riya S

Batch Method: 3010A Batch End Date: 05/02/22 15:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_TCLPspk 00052			
MB 460-842388/1		3010A, 6020B		50 mL	50 mL				
LCS 460-842388/2		3010A, 6020B		50 mL	50 mL	0.5 mL			
140-27249-B-6-D DU		3010A, 6020B	P	50 mL	50 mL				
140-27249-B-6-E MS		3010A, 6020B	P	50 mL	50 mL	0.5 mL			
140-27249-B-6-F MSD		3010A, 6020B	P	50 mL	50 mL	0.5 mL			
460-257083-E-1-B	CC-COMP-01	3010A, 6020B	P	50 mL	50 mL				
LB 460-841871/1-A		3010A, 6020B		50 mL	50 mL				
LB 460-842318/1-A		3010A, 6020B		50 mL	50 mL				

Batch Notes	
Digestion Tube/Cup ID	Lot # 2106023-1299-IW (Env. Exp. 100 ml Dg Cups)
Pipette/Syringe/Dispenser ID	#4
Analyst ID - Spike Analyst	RS
Nitric Acid ID	0000261535
Digestion Unit ID	#9
Thermometer ID	Metals 10 (CF -0)
Temperature - Uncorrected - Start	90 uncorr Degrees C
Temperature - Corrected - Start	92 corr Degrees C
Digestion Start Time	05/02/2022 10:30
Digestion End Time	05/02/2022 12:30
Temperature - Uncorrected - End	88 uncorr Degrees C
Temperature - Corrected - End	90 corr Degrees C
Batch Comment	1:1 HCL MPR 393

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 841871 Batch Start Date: 04/28/22 15:00 Batch Analyst: Gao, Yong X

Batch Method: 1311 Batch End Date: 04/29/22 07:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EFD_InitialpH	EFD_AddHClpH>5	VesselNumber	FiltCompDate
LB 460-841871/1		1311, 7470A, 7470A		100.00 g	2000 mL	4.93 SU		6	04/29/22
460-257083-E-1	CC-COMP-01	1311, 7470A, 7470A	P	100.07 g	2000 mL	12.14 SU	2.44	38	04/29/22

Lab Sample ID	Client Sample ID	Method Chain	Basis	FiltCompTime	LeachatepH	ExtractFluid	AnalysisComment		
LB 460-841871/1		1311, 7470A, 7470A		0700	4.93 SU	TF1042722	TCLP fluid #1; prep. 04/27/2022, exp. on 10/27/2022; pH measured on 04/29/2022		
460-257083-E-1	CC-COMP-01	1311, 7470A, 7470A	P	0740	10.87 SU	TF1042722	TCLP fluid #1; prep. 04/27/2022, exp. on 10/27/2022; pH measured on 04/29/2022		

Batch Notes	
Thermometer ID	Min/Max S/NC 187675
Tumbler Rotations per Minute	29
Balance ID	13
pH Meter ID	H
Room Temperature Thermometer ID	Ambient ID S72864, Temp 21.0
TCLP Fluid 1 ID	TF1042722; prep on 04/27/22; Exp.10/27/22
TCLP Fluid 1 pH	4.93
1N HCl ID	1N HCl, TCLP 3001, Exp. 10/09/2022
Filter ID	Environmental Express/ 400190-1305-T
Uncorrected Maximum Temperature	21.9 Degrees C
Maximum Temperature	21.9 Degrees C
Uncorrected Minimum Temperature	20.9 Degrees C
Minimum Temperature	20.9 Degrees C

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 841871 Batch Start Date: 04/28/22 15:00 Batch Analyst: Gao, Yong X

Batch Method: 1311 Batch End Date: 04/29/22 07:00

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 842004 Batch Start Date: 04/29/22 09:30 Batch Analyst: Sheikh, Razia B

Batch Method: 245.1 Batch End Date: 04/29/22 13:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 04048	ME_DQCS-INT 03785		
ICV 460-842004/31		245.1, 7470A		30 mL	30 mL		1.5 mL		
CRI 460-842004/32		245.1, 7470A		30 mL	30 mL	0.06 mL			
CCV 460-842004/35		245.1, 7470A		30 mL	30 mL	1.5 mL			

Batch Notes	
Digestion Tube/Cup ID	j504315-4932
Pipette/Syringe/Dispenser ID	95
Nitric Acid ID	22a2562002 (0.75 ml)
Sulfuric Acid Lot Number	0000276386 (1.5 ml)
Potassium Permanganate ID	ME_potPermSol_00220(4.5 ml)
Potassium Persulfate ID	ME_PotPersSol_00075(2.4 ml)
Digestion Unit ID	11
Thermometer ID	Hg-3(cf-2)
Temperature - Uncorrected - Start	97 Degrees C
Temperature - Corrected - Start	95 Degrees C
Digestion Start Time	04/29/2022 10:45
Digestion End Time	04/29/2022 12:45
Temperature - Uncorrected - End	97 Degrees C
Temperature - Corrected - End	95 Degrees C
Hydroxylamine ID	ME_NACLHYDHCL_00210(1.8 ml)

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 842049 Batch Start Date: 04/29/22 14:31 Batch Analyst: Sheikh, Razia B

Batch Method: 7470A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_HG_TCLP 03037			
MB 460-842049/1		7470A, 7470A		30 mL	30 mL				
LCS 460-842049/2		7470A, 7470A		30 mL	30 mL	0.3 mL			
180-137206-D-3-B DU		7470A, 7470A	P	30 mL	30 mL				
180-137206-D-3-B MS		7470A, 7470A	P	30 mL	30 mL	0.3 mL			
460-257083-E-1-B	CC-COMP-01	7470A, 7470A	P	30 mL	30 mL				
LB 460-841871/1-A		7470A, 7470A		30 mL	30 mL				

Batch Notes	
Digestion Tube/Cup ID	J504315-4932
Pipette/Syringe/Dispenser ID	95
Nitric Acid ID	22a2562002(0.75 ml)
Sulfuric Acid ID	0000276386(1.5 ml)
Potassium Permanganate ID	ME_PotPermsol_000220(4.5 ml)
Potassium Persulfate ID	ME-POTperssol_00075(2.4 ml)
Digestion Unit ID	11
Thermometer ID	HG-3(cf-2)
Temperature - Uncorrected - Start	97 Degrees C
Temperature - Corrected - Start	95 Degrees C
Digestion Start Time	13.00
Digestion End Time	15.00
Temperature - Uncorrected - End	97 Degrees C
Temperature - Corrected - End	95 Degrees C
Hydroxylamine ID	ME_NACLHYDHCL_00210(1.8 ml)

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 842338 Batch Start Date: 05/02/22 00:11 Batch Analyst: Staib, Thomas

Batch Method: 7471B Batch End Date: 05/02/22 03:11

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 04049	ME_LCSS_113 00001		
MB 460-842338/10		7471B, 7471B		0.60 g	50 mL				
LCSSRM 460-842338/11		7471B, 7471B		0.60 g	50 mL		0.6 g		
460-255935-F-1 DU		7471B, 7471B	T	0.64 g	50 mL				
460-255935-F-1 MS		7471B, 7471B	T	0.64 g	50 mL	0.5 mL			
460-257083-E-1	CC-COMP-01	7471B, 7471B	T	0.64 g	50 mL				

Batch Notes	
Balance ID	#33
Digestion Tube/Cup ID	530894-2104 (50ML Digi Tubes)
Pipette/Syringe/Dispenser ID	#95
Analyst ID - Spike Analyst	TS
Hydrochloric Acid ID	0000285484
Nitric Acid ID	0000261535
Potassium Permanganate ID	ME_PotPermSol_00222
Digestion Unit ID	#12
Thermometer ID	Metals-8
Temperature - Uncorrected - Start	98 Uncorr Degrees C
Temperature - Corrected - Start	98 Corr Degrees C
Digestion Start Time	05/02/2022 01:11
Digestion End Time	05/02/2022 01:41
Temperature - Uncorrected - End	98 UNcorr Degrees C
Temperature - Corrected - End	98 Corr Degrees C
Hydroxylamine ID	ME_NACLHYDLHCL_00211
Batch Comment	ME_10%HCL_00176

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-257083-1

SDG No.:

Project: Bridge Cleaners, Long Island City, NY

Client Sample ID	Lab Sample ID
CC-COMP-01	460-257083-1

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: CC-COMP-01 Lab Sample ID: 460-257083-1

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG ID.:

Matrix: Solid Date Sampled: 04/27/2022 09:30

Reporting Basis: WET Date Received: 04/27/2022 17:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Reactive	25.0	25.0	25.0	mg/Kg	U		1	9014
	Sulfide, Reactive	20.0	20.0	20.0	mg/Kg	U		1	9034
	Burn Rate	2.20	2.20	2.20	mm/sec	U		1	1030
	pH	12.2			SU		HF	1	9045D
	Temperature	23.2			Degrees C		HF	1	9045D
	Corrosivity	12.2			SU		HF	1	9045D

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Analyst: YAH Batch Start Date: 05/02/2022

Reporting Units: Degrees C Analytical Batch No.: 842443

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	CCV	14:13	Temperature	24.1					
11	CCV	14:30	Temperature	24.0					
20	CCV	15:04	Temperature	24.6					
26	CCV	15:18	Temperature	24.7					

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Analyst: YAH Batch Start Date: 05/02/2022

Reporting Units: SU Analytical Batch No.: 842443

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	CCV	14:13	pH	7.0	7.00	100	99-101		WTpHCCV_00039
			Corrosivity	7.0	7.00	100	99-101		WTpHCCV_00039
11	CCV	14:30	pH	7.0	7.00	100	99-101		WTpHCCV_00039
			Corrosivity	7.0	7.00	100	99-101		WTpHCCV_00039
20	CCV	15:04	pH	7.0	7.00	100	99-101		WTpHCCV_00039
			Corrosivity	7.0	7.00	100	99-101		WTpHCCV_00039
26	CCV	15:18	pH	7.0	7.00	100	99-101		WTpHCCV_00039
			Corrosivity	7.0	7.00	100	99-101		WTpHCCV_00039

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 842467	Date: 05/02/2022 17:15	Prep Batch: 842463	Date: 05/02/2022 12:30				
9014	MB 460-842463/1-A	Cyanide, Reactive	25.0	U	mg/Kg	25.0	1
Batch ID: 842464	Date: 05/02/2022 17:15	Prep Batch: 842462	Date: 05/02/2022 12:30				
9034	MB 460-842462/1-A	Sulfide, Reactive	20.0	U	mg/Kg	20.0	1
Batch ID: 842443	Date: 05/02/2022 14:15						
9045D	MB 460-842443/2	pH	5.7		SU		1
9045D	MB 460-842443/2	Temperature	24.2		Degrees C		1
9045D	MB 460-842443/2	Corrosivity	5.7		SU		1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 842464	Date: 05/02/2022 17:15		Prep Batch: 842462		Date: 05/02/2022 12:30						
9034	460-257197-A-1-F	Sulfide, Reactive	20.0	U	mg/Kg						F1
9034	460-257197-A-1-F MS	Sulfide, Reactive	163.2		mg/Kg	440	37	64-136			F1

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 842464 Date: 05/02/2022 17:15			Prep Batch: 842462		Date: 05/02/2022 12:30						
9034	460-257197-A-1-G MSD	Sulfide, Reactive	155.6		mg/Kg	440	35	64-136	5	10	F1

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 842314 Date: 05/01/2022 14:36								
1030		460-256913-A-1	Burn Rate	2.20	mm/sec			U
1030		460-256913-A-1 DU	Burn Rate	2.20	mm/sec	NC	10	U
Batch ID: 842467 Date: 05/02/2022 17:15 Prep Batch: 842463 Date: 05/02/2022 12:30								
9014		460-257197-A-1-I	Cyanide, Reactive	25.0	mg/Kg			U
9014		460-257197-A-1-I DU	Cyanide, Reactive	25.0	mg/Kg	NC	10	U
Batch ID: 842443 Date: 05/02/2022 14:28								
9045D		460-256220-E-1	pH	8.3	SU			
9045D		460-256220-E-1 DU	pH	8.3	SU	0.1	10	
9045D		460-256220-E-1	Temperature	23.6	Degrees C			
9045D		460-256220-E-1 DU	Temperature	23.5	Degrees C	0.4	10	
9045D		460-256220-E-1	Corrosivity	8.3	SU			
9045D		460-256220-E-1 DU	Corrosivity	8.3	SU	0.1	10	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 842467	Date: 05/02/2022 17:15		Prep Batch: 842463			Date: 05/02/2022 12:30					
						LCS Source: WTcreacSP_00033					
9014	LCS 460-842463/2-A	Cyanide, Reactive	25.0	U	mg/Kg	40.0	12	10-100			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 842464	Date: 05/02/2022 17:15		Prep Batch: 842462			Date: 05/02/2022 12:30					
						LCS Source: WTsfideLCS_00084					
9034	LCSSRM 460-842462/3-A	Sulfide, Reactive	64.83		mg/Kg	70.9	91.4	46.7-142.5			
Batch ID: 842443	Date: 05/02/2022 14:17										
						LCS Source: WTpHLCS_00027					
9045D	LCSSRM 460-842443/3	pH	6.3		SU	6.27	100.3	96.8-103.2			
9045D	LCSSRM 460-842443/3	Corrosivity	6.3		SU	6.27	100.3	96.8-103.2			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-257083-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9014 RL Date: 01/01/2007 12:22

Prep Method: 7.3.3

Analyte	Wavelength/ Mass	RL (mg/Kg)	
Cyanide, Reactive		25	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-257083-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9014 XRL Date: 01/07/2009 10:56

Analyte	Wavelength/ Mass	XRL (mg/L)	
Cyanide, Reactive		25	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-257083-1

SDG Number:

Matrix: Solid Instrument ID: CBNAMS15

Method: 9034 MDL Date: 04/16/2021 18:08

Prep Method: 7.3.4

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Sulfide, Reactive		20	11.7

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-257083-1

SDG Number:

Matrix: Solid Instrument ID: CBNAMS15

Method: 9034 XRL Date: 01/07/2009 11:22

Analyte	Wavelength/ Mass	XRL (mg/L)	
Sulfide, Reactive		20	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-257083-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 1030 RL Date: 01/01/2007 17:12

Analyte	Wavelength/ Mass	RL (mm/sec)	
Burn Rate		2.2	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-257083-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9045D RL Date: 01/01/2007 09:42

Analyte	Wavelength/ Mass	RL (Degrees C)	
Temperature		0.1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-257083-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9045D XRL Date: 01/01/2019 18:42

Analyte	Wavelength/ Mass	XRL (Degrees C)	
Temperature		0.1	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-257083-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9045D RL Date: 01/01/2007 09:42

Analyte	Wavelength/ Mass	RL (SU)	
Corrosivity		0.1	
pH		0.1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-257083-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9045D XRL Date: 01/01/2019 18:42

Analyte	Wavelength/ Mass	XRL (SU)	
Corrosivity		0.1	
pH		0.1	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-257083-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-257083-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Prep Method: 7.3.4

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-842462/1-A	05/02/2022 12:30	842462	10		50
LCSSRM 460-842462/3-A	05/02/2022 12:30	842462	10		50
460-257197-A-1-F MS	05/02/2022 12:30	842462	10		50
460-257197-A-1-G MSD	05/02/2022 12:30	842462	10		50
460-257083-1	05/02/2022 12:30	842462	10		50

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Prep Method: 7.3.3

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-842463/1-A	05/02/2022 12:30	842463	10		50
LCS 460-842463/2-A	05/02/2022 12:30	842463	10		50
460-257197-A-1-I DU	05/02/2022 12:30	842463	10		50
460-257083-1	05/02/2022 12:30	842463	10		50

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: NOEQUIP Method: 9014

Start Date: 05/02/2022 17:15 End Date: 05/02/2022 17:15

Lab Sample ID	D / F	Type	Time	Analytes																			
				CNReac																			
MB 460-842463/1-A	1	T	17:15	X																			
LCS 460-842463/2-A	1	T	17:15	X																			
ZZZZZZ			17:15																				
460-257197-A-1-I DU	1	T	17:15	X																			
460-257083-1	1	T	17:15	X																			
ZZZZZZ			17:15																				
ZZZZZZ			17:15																				
ZZZZZZ			17:15																				
ZZZZZZ			17:15																				
ZZZZZZ			17:15																				
ZZZZZZ			17:15																				
ZZZZZZ			17:15																				
ZZZZZZ			17:15																				
ZZZZZZ			17:15																				
ZZZZZZ			17:15																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: CBNAMS15 Method: 9034

Start Date: 05/02/2022 17:15 End Date: 05/02/2022 17:15

Lab Sample ID	D / F	Type	Time	Analytes																			
				S2Reac																			
MB 460-842462/1-A	1	T	17:15	X																			
ZZZZZZ			17:15																				
LCSSRM 460-842462/3-A	1	T	17:15	X																			
ZZZZZZ			17:15																				
460-257197-A-1-F MS	1	T	17:15	X																			
460-257197-A-1-G MSD	1	T	17:15	X																			
460-257083-1	1	T	17:15	X																			
ZZZZZZ			17:15																				
ZZZZZZ			17:15																				
ZZZZZZ			17:15																				
ZZZZZZ			17:15																				
ZZZZZZ			17:15																				
ZZZZZZ			17:15																				
ZZZZZZ			17:15																				
ZZZZZZ			17:15																				
ZZZZZZ			17:15																				
ZZZZZZ			17:15																				
ZZZZZZ			17:15																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: NOEQUIP Method: 1030

Start Date: 05/01/2022 14:36 End Date: 05/01/2022 14:36

Lab Sample ID	D / F	Type	Time	Analytes																			
				Burn																			
ZZZZZZ			14:36																				
ZZZZZZ			14:36																				
ZZZZZZ			14:36																				
ZZZZZZ			14:36																				
460-256913-A-1 DU	1	T	14:36	X																			
ZZZZZZ			14:36																				
ZZZZZZ			14:36																				
ZZZZZZ			14:36																				
ZZZZZZ			14:36																				
ZZZZZZ			14:36																				
ZZZZZZ			14:36																				
ZZZZZZ			14:36																				
460-257083-1	1	T	14:36	X																			
ZZZZZZ			14:36																				
ZZZZZZ			14:36																				
ZZZZZZ			14:36																				
ZZZZZZ			14:36																				
ZZZZZZ			14:36																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: NOEQUIP Method: 9045D

Start Date: 05/02/2022 14:13 End Date: 05/02/2022 15:18

Lab Sample ID	D / F	Type	Time	Analytes																			
				Color	pH	Temp																	
CCV 460-842443/1	1		14:13	X	X	X																	
MB 460-842443/2	1	T	14:15	X	X	X																	
LCSSRM 460-842443/3	1	T	14:17	X	X	X																	
ZZZZZZ			14:19																				
ZZZZZZ			14:21																				
ZZZZZZ			14:22																				
ZZZZZZ			14:24																				
ZZZZZZ			14:25																				
ZZZZZZ			14:26																				
460-256220-E-1 DU	1	T	14:28	X	X	X																	
CCV 460-842443/11	1		14:30	X	X	X																	
ZZZZZZ			14:32																				
ZZZZZZ			14:35																				
ZZZZZZ			14:50																				
ZZZZZZ			14:52																				
ZZZZZZ			14:53																				
ZZZZZZ			14:55																				
ZZZZZZ			14:58																				
ZZZZZZ			15:02																				
CCV 460-842443/20	1		15:04	X	X	X																	
ZZZZZZ			15:08																				
ZZZZZZ			15:10																				
ZZZZZZ			15:12																				
ZZZZZZ			15:14																				
460-257083-1	1	T	15:16	X	X	X																	
CCV 460-842443/26	1		15:18	X	X	X																	

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 05/02/2022 08:43 End Date: 05/02/2022 08:43

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			08:43																				
ZZZZZZ			08:43																				
ZZZZZZ			08:43																				
ZZZZZZ			08:43																				
ZZZZZZ			08:43																				
ZZZZZZ			08:43																				
ZZZZZZ			08:43																				
ZZZZZZ			08:43																				
ZZZZZZ			08:43																				
460-257083-1	1	T	08:43	X	X																		
ZZZZZZ			08:43																				
ZZZZZZ			08:43																				
ZZZZZZ			08:43																				
ZZZZZZ			08:43																				
ZZZZZZ			08:43																				
ZZZZZZ			08:43																				
ZZZZZZ			08:43																				
ZZZZZZ			08:43																				
ZZZZZZ			08:43																				
ZZZZZZ			08:43																				
ZZZZZZ			08:43																				
460-256852-A-1 DU	1	T	08:43	X	X																		

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 842463 Batch Start Date: 05/02/22 12:30 Batch Analyst: Vu, Huan

Batch Method: 7.3.3 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WTcreacSP 00033	AnalysisComment		
MB 460-842463/1		7.3.3, 9014		10 g	50 mL		Macron/B-2919-2 2 : 0.005M H2SO4 Exp: 11/02/22		
LCS 460-842463/2		7.3.3, 9014		10 g	50 mL	0.4 mL	Fisher/B-2920-2 2 : 0.25N NaOH Exp: 11/02/22		
460-257197-A-1 DU		7.3.3, 9014	T	10 g	50 mL				
460-257083-E-1	CC-COMP-01	7.3.3, 9014	T	10 g	50 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 842467 Batch Start Date: 05/02/22 17:15 Batch Analyst: Vu, Huan

Batch Method: 9014 Batch End Date: 05/02/22 19:01

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	TitrantVolume1	TitrantBlank	CalcMsg	FinalAmount	
MB 460-842463/1-A		9014		25 mL	0.025 mL	0.025 mL	OK	25 mL	
LCS 460-842463/2-A		9014		25 mL	0.050 mL	0.025 mL	OK	25 mL	
460-257197-A-1-I DU		9014	T	25 mL	0.025 mL	0.025 mL	OK	25 mL	
460-257083-E-1-N	CC-COMP-01	9014	T	25 mL	0.025 mL	0.025 mL	OK	25 mL	

Batch Notes	
Perform Calculation (0=No, 1=Yes)	1
Nominal Amount Used	25 mL
Silver Nitrate ID	B-2911-22 exp;10/26/22
Silver Nitrate Vendor	Aldrich
First Normality	0.0191 N
Rhodanine Indicator ID	B-2758-21 exp:06/02/22

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 842462 Batch Start Date: 05/02/22 12:30 Batch Analyst: Vu, Huan

Batch Method: 7.3.4 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WTsfideLCS 00084	WTsfideSP 02491	AnalysisComment	
MB 460-842462/1		7.3.4, 9034		10 g	50 mL			Macron/B-2919-2 2 :0.005M H2SO4 Exp:11/02/22	
LCSSRM 460-842462/3		7.3.4, 9034		10 g	50 mL	10 mL			
460-257197-A-1 MS		7.3.4, 9034	T	10 g	50 mL		10 mL		
460-257197-A-1 MSD		7.3.4, 9034	T	10 g	50 mL		10 mL		
460-257083-E-1	CC-COMP-01	7.3.4, 9034	T	10 g	50 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 842464 Batch Start Date: 05/02/22 17:15 Batch Analyst: Vu, Huan

Batch Method: 9034 Batch End Date: 05/02/22 18:54

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	IodineAmount	TitrantVolume1	CalcMsg	FinalAmount	AnalysisComment
MB 460-842462/1-A		9034		25 mL	5.0 mL	5.7 mL	OK	25 mL	Fisher/214760 : 0.0236N Na2S2O3
LCSSRM 460-842462/3-A		9034		25 mL	5.0 mL	4.8 mL	OK	25 mL	Baker/B-2903-22 : 6N HCL Exp: 08/22/22
460-257197-A-1-F MS		9034	T	25 mL	5.0 mL	3.5 mL	OK	25 mL	
460-257197-A-1-G MSD		9034	T	25 mL	5.0 mL	3.6 mL	OK	25 mL	
460-257083-E-1-M	CC-COMP-01	9034	T	25 mL	5.0 mL	5.7 mL	OK	25 mL	

Batch Notes	
Perform Calculation (0=No, 1=Yes)	1
Nominal Amount Used	25 mL
Normality of Iodine Solution	0.0267 N
Normality of First Titrant	0.0236 N

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 842314 Batch Start Date: 05/01/22 14:36 Batch Analyst: Gao, Yong X

Batch Method: 1030 Batch End Date: 05/01/22 14:56

Lab Sample ID	Client Sample ID	Method Chain	Basis	AnalysisComment					
460-256913-A-1 DU		1030	T	Coarse Granular & Rock					
460-257083-E-1	CC-COMP-01	1030	T	Concrete					

Batch Notes	
Thermometer ID	Room Temp =24.0° C
Hood ID	Wet Chem - Seta Flash
Fume Hood Air Velocity	Air Velocity = 150 ft/min m/s
Air Flow Meter ID	Propane: Benzomatic 100
Batch Comment	Burn rate > 2.2 mm/s

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 842443 Batch Start Date: 05/02/22 16:28 Batch Analyst: Hu, Youhao

Batch Method: 9045D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WTpHCCV 00039	WTpHLCS 00027		
CCV 460-842443/1		9045D		20 g	20 mL	20 mL			
MB 460-842443/2		9045D		20 g	20 mL				
LCSSRM 460-842443/3		9045D		20 g	20 mL		20 mL		
460-256220-E-1 DU		9045D	T	20 g	20 mL				
CCV 460-842443/11		9045D		20 g	20 mL	20 mL			
CCV 460-842443/20		9045D		20 g	20 mL	20 mL			
460-257083-E-1	CC-COMP-01	9045D	T	20 g	20 mL				
CCV 460-842443/26		9045D		20 g	20 mL	20 mL			

Batch Notes	
pH Meter ID	A
Thermometer ID	A
pH Buffer 1 ID	1.68 Fisher / 2201G51 exp 1/24
pH Buffer 2 ID	4.00 Orion / ZP1 exp 11/23
pH Buffer 3 ID	7.00 Fisher / 217473 exp 10/23
pH Buffer 4 ID	10.00 Fisher / 212238 exp 5/23
pH Buffer 5 ID	12.45: Ricca 2203B94 exp. 8/23

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-257083-1

SDG No.:

Batch Number: 842381 Batch Start Date: 05/02/22 08:43 Batch Analyst: Tupayachi, Fiorella B

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry	%_Moisture	%_Solid
460-257083-E-1	CC-COMP-01	Moisture	T	54	23.25 g	28.81 g	28.74 g	1.2589928057554 %	98.741007194244 6 %
460-256852-A-1 DU		Moisture	T	66	28.97 g	34.06 g	33.30 g	14.931237721021 6 %	85.068762278978 4 %

Batch Notes	
Balance ID	106
Oven ID	DM-3250
Date samples were placed in the oven	05/02/2022
Time samples were place in the oven	08:43
Temperature - Start - Uncorrected	100 Degrees C
Oven Temp In	100 Degrees C
Temperature - End - Uncorrected	100 Degrees C
Oven Temp Out	100 Degrees C
Batch Comment	Microwave

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Eurofins TestAmerica, Edison
777 New Durham Road

Edison, NJ 08817-2859
phone 732.549.3900 fax 732.549.3679

Chain of Custody Record

257085

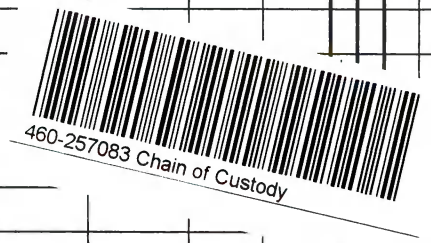
eurofins | Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact	**Project Manager: N Krasnecky**		COC No:
ECC Horizon	Email: Nkrasnecky@ecchorizon.com	Site Contact: N Krasnekcy	Date:4/27/22	___1___ of ___1___ COCs
1 Emery Ave, Unit 2	Tel/Fax: 201 552 0224	Lab Contact: Kristyn Tempe	Carrier: Eurofins	TALS Project #:
Randolph, NJ 07869	**Analysis Turnaround Time**			Sampler: NC
973 989 8010 Phone	☐ CALENDAR DAYS ☑ WORKING DAYS			**For Lab Use Only:**
(xxx) xxx-xxxx FAX	TAT if different from Below ____3 days___			Walk-in Client:
Project Name: Bridge Cleaners	☐ 2 weeks			Lab Sampling:
Site: Bridge Cleaners	☐ 1 week			
P O #	☐ 2 days			Job / SDG No.:
	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TAL + TCLP Metals	TCL+TCLP SVOCs	PCBs	Pesticides	Ignitability	Corrosivity	Reactivity (CN + Sulfide)	Sample Specific Notes:
CC-COMP-01	4/27/2022	930	C	CC	4+	N	N	x	x	x	x	x	x	x	Homogenzie contents of all jars prior to pulling final sample volume for analysis



3-Day RUSH

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

NY CAT B ASP

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company: ECC	Date/Time: 4/27/2022	Received by:	Company: EET	Date/Time: 4/27/22 12:16
Relinquished by:	Company: EET	Date/Time: 4/27/22 1700	Received by:	Company:	Date/Time: 4/27/22 17:00
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

NO CSR#9 4/27/1.4

06/13/2022

Form No. CA-C-WI-002, Rev. 4.35, dated 10/6/2020

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 257083

Number of Coolers: 1 **IR Gun #** 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.2 °C	1.9 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: CG **Date:** 4/27/22

Login Sample Receipt Checklist

Client: Environmental Compliance & Control Inc

Job Number: 460-257083-1

Login Number: 257083
List Number: 1
Creator: Sgro, Angela M

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	