ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
NYSCA-PROPOSED PUBLIC SCHOOL K20F, NEW YORK

Client: TRC Engineering, Inc., New York, New York
SDG: 200-63981-1
Laboratory: Eurofins Test America, Burlington, Vermont
Site: NYSCA-Proposed Public School K20F, New York
Date: August 24, 2022

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	TRC-SSV-13	200-63981-1	Air
1DL	TRC-SSV-13DL	200-63981-1DL	Air
2	TRC-SSV-12	200-63981-2	Air
2DL	TRC-SSV-12DL	200-63981-2DL	Air
3	TRC-SSV-17	200-63981-3	Air
3DL	TRC-SSV-17DL	200-63981-3DL	Air
4	TRC-SSV-16	200-63981-4	Air
4DL	TRC-SSV-16DL	200-63981-4DL	Air

A Data Usability Summary Review was performed on the analytical data for four air samples collected on June 28, 2022 by TRC at the NYSCA-Proposed Public School K20F in New York. The samples were analyzed under "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition January 1999, EPA/625/R-96/010B", Compendium Method TO-15, "Determination of Volatile Organic Compounds (VOCs) in Air Collected in Specially-Prepared Canisters and Analyzed by Gas Chromatography/Mass Spectrometry (GC/MS)".

Specific method references are as follows:

Analysis	*Method References*
VOCs	USEPA Method TO-15

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-31, Revision 6, September 2016: Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15.
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Chains-of-Custody and Traffic Reports

- Holding Times and sample preservation
- Laboratory Control Sample (LCS) recoveries
- GC/MS Tuning
- Method Blank Contamination
- Initial and Continuing Calibration Summaries
- Compound Quantitation
- Internal Standard (IS) Area Performance
- Field Duplicate Sample Precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes. There were no qualifications.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Chains-of-Custody and Traffic Reports

- All criteria were met.

Holding Times

- All samples were analyzed within 30 days for air samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable percent relative standard deviation (%RSD) and mean RRF values.

Continuing Calibration

- The continuing calibrations exhibited acceptable percent difference (%D) and RRF values.

Method Blank

- The method blanks were free of contamination.

Laboratory Control Samples

- The LCS exhibited acceptable percent recoveries (%R).

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Compound Quantitation

- All samples exhibited compounds with high concentrations over the instrument calibration range and were flagged (E) by the laboratory. The samples were diluted and reanalyzed and the dilution results for these compounds should be used for reporting purposes.

Field Duplicate Sample Precision

- Field duplicate results were not collected.

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 8/25/22

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Burlington Job No.: 200-63981-1

SDG No.: 200-63981

Client Sample ID: TRC-SSV-13 Lab Sample ID: 200-63981-1

Matrix: Air Lab File ID: 51497-22.D

Analysis Method: TO-15 Date Collected: 06/28/2022 12:19

Sample wt/vol: 200(mL) Date Analyzed: 07/01/2022 02:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

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

Analysis Batch No.: 181259 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	4.8		2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	0.90	J	1.8	0.39
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.38
74-87-3	Chloromethane	50.49	0.75	J	1.0	0.25
106-97-8	n-Butane	58.12	0.45	J	1.2	0.45
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.072
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.084
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.20
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.66
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.37
75-69-4	Trichlorofluoromethane	137.37	1.6		1.1	0.29
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.42
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.11
67-64-1	Acetone	58.08	38		12	4.8
67-63-0	Isopropyl alcohol	60.10	4.4	J	12	2.4
75-15-0	Carbon disulfide	76.14	0.71	J	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.34
75-09-2	Methylene Chloride	84.93	0.60	J	1.7	0.59
75-65-0	tert-Butyl alcohol	74.12	5.5	J	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.70	J	0.72	0.29
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.35
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.81
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.12
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	1.7		0.18	0.13
67-66-3	Chloroform	119.38	0.80	J	0.98	0.22
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.5
71-55-6	1,1,1-Trichloroethane	133.41	6.8		1.1	0.21
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.12
56-23-5	Carbon tetrachloride	153.81	0.24		0.22	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	1.0		0.93	0.16
71-43-2	Benzene	78.11	0.61	J	0.64	0.24

MW 8/24/22

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Burlington Job No.: 200-63981-1

SDG No.: 200-63981

Client Sample ID: TRC-SSV-13 Lab Sample ID: 200-63981-1

Matrix: Air Lab File ID: 51497-22.D

Analysis Method: TO-15 Date Collected: 06/28/2022 12:19

Sample wt/vol: 200 (mL) Date Analyzed: 07/01/2022 02:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: Heated Purge: (Y/N) pH:

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

Analysis Batch No.: 181259 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.61
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.24
79-01-6	Trichloroethene	131.39	72		0.20	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.66
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.40
123-91-1	1,4-Dioxane	88.11	18	U	18	6.1
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.091
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.78
108-88-3	Toluene	92.14	1.7		0.75	0.35
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.40
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.19
127-18-4	*Tetrachloroethene*	*165.83*	330 ~~330~~ ~~E~~		2.7 ~~1.4~~	0.37 ~~0.18~~
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.26
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.35
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.43
179601-23-1	m,p-Xylene	106.17	0.94	J	2.2	0.74
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.41
100-42-5	Styrene	104.15	0.14	J	0.85	0.14
75-25-2	Bromoform	252.75	2.1	U	2.1	0.60
98-82-8	Cumene	120.19	0.98	U	0.98	0.18
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.25
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.22
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	0.53	J	0.98	0.23
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.21
99-87-6	4-Isopropyltoluene	134.22	0.21	J	1.1	0.21

NW 8/24/22

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-63981-1

SDG No.: 200-63981

Client Sample ID: TRC-SSV-13 | Lab Sample ID: 200-63981-1

Matrix: Air | Lab File ID: 51497-22.D

Analysis Method: TO-15 | Date Collected: 06/28/2022 12:19

Sample wt/vol: 200(mL) | Date Analyzed: 07/01/2022 02:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

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

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

Analysis Batch No.: 181259 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.54
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.57
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.38
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.30
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.42
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	1.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.33
91-20-3	Naphthalene	128.17	2.6	U	2.6	0.89

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

1DL

Lab Name: Eurofins Burlington | Job No.: 200-63981-1

SDG No.: 200-63981

Client Sample ID: TRC-SSV-13 DL | Lab Sample ID: 200-63981-1 DL

Matrix: Air | Lab File ID: 51497-23.D

Analysis Method: TO-15 | Date Collected: 06/28/2022 12:19

Sample wt/vol: 100 (mL) | Date Analyzed: 07/01/2022 03:24

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: | Heated Purge: (Y/N) pH: use original

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

Analysis Batch No.: 181259 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	4.8	J D	4.9	1.1
75-45-6	Chlorodifluoromethane	86.47	1.0	J D	3.5	0.78
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	2.8	U	2.8	0.77
74-87-3	Chloromethane	50.49	0.77	J D	2.1	0.50
106-97-8	n-Butane	58.12	2.4	U	2.4	0.90
75-01-4	Vinyl chloride	62.50	0.40	U	0.40	0.14
106-99-0	1,3-Butadiene	54.09	0.88	U	0.88	0.17
74-83-9	Bromomethane	94.94	1.6	U	1.6	0.40
75-00-3	Chloroethane	64.52	2.6	U	2.6	1.3
593-60-2	Bromoethene (Vinyl Bromide)	106.96	1.7	U	1.7	0.74
75-69-4	Trichlorofluoromethane	137.37	1.5	J D	2.2	0.58
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	3.1	U	3.1	0.84
75-35-4	1,1-Dichloroethene	96.94	0.40	U	0.40	0.23
67-64-1	Acetone	58.08	37	D	24	9.5
67-63-0	Isopropyl alcohol	60.10	25	U	25	4.8
75-15-0	Carbon disulfide	76.14	3.1	U	3.1	0.81
107-05-1	3-Chloropropene	76.53	3.1	U	3.1	0.69
75-09-2	Methylene Chloride	84.93	3.5	U	3.5	1.2
75-65-0	tert-Butyl alcohol	74.12	30	U	30	7.3
1634-04-4	Methyl tert-butyl ether	88.15	0.68	J D	1.4	0.58
156-60-5	trans-1,2-Dichloroethene	96.94	1.6	U	1.6	0.70
110-54-3	n-Hexane	86.17	3.5	U	3.5	1.6
75-34-3	1,1-Dichloroethane	98.96	1.6	U	1.6	0.23
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	2.9	U	2.9	1.0
156-59-2	cis-1,2-Dichloroethene	96.94	1.7	D	0.36	0.26
67-66-3	Chloroform	119.38	0.75	J D	2.0	0.45
109-99-9	Tetrahydrofuran	72.11	29	U	29	7.1
71-55-6	1,1,1-Trichloroethane	133.41	6.8	D	2.2	0.43
110-82-7	Cyclohexane	84.16	1.4	U	1.4	0.24
56-23-5	Carbon tetrachloride	153.81	0.44	U	0.44	0.40
540-84-1	2,2,4-Trimethylpentane	114.23	0.98	J D	1.9	0.33

MW 8/29/22

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

IDL

Lab Name: Eurofins Burlington Job No.: 200-63981-1

SDG No.: 200-63981

Client Sample ID: TRC-SSV-13 DL Lab Sample ID: 200-63981-1 DL

Matrix: Air Lab File ID: 51497-23.D

Analysis Method: TO-15 Date Collected: 06/28/2022 12:19

Sample wt/vol: 100(mL) Date Analyzed: 07/01/2022 03:24

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH: use original

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

Analysis Batch No.: 181259 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	0.65	J D	1.3	0.47
107-06-2	1,2-Dichloroethane	98.96	1.6	U	1.6	1.2
142-82-5	n-Heptane	100.21	1.6	U	1.6	0.48
79-01-6	Trichloroethene	131.39	70	D	0.40	0.26
80-62-6	Methyl methacrylate	100.12	4.1	U	4.1	1.3
78-87-5	1,2-Dichloropropane	112.99	1.8	U	1.8	0.80
123-91-1	1,4-Dioxane	88.11	36	U	36	12
75-27-4	Bromodichloromethane	163.83	2.7	U	2.7	0.54
10061-01-5	cis-1,3-Dichloropropene	110.97	1.8	U	1.8	0.18
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	4.1	U	4.1	1.6
108-88-3	Toluene	92.14	1.7	D	1.5	0.70
10061-02-6	trans-1,3-Dichloropropene	110.97	1.8	U	1.8	0.81
79-00-5	1,1,2-Trichloroethane	133.41	2.2	U	2.2	0.37
127-18-4	Tetrachloroethene	165.83	330	D	2.7	0.37
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	4.1	U	4.1	1.6
124-48-1	Dibromochloromethane	208.28	3.4	U	3.4	0.53
106-93-4	1,2-Dibromoethane	187.87	3.1	U	3.1	0.71
108-90-7	Chlorobenzene	112.56	1.8	U	1.8	0.40
100-41-4	Ethylbenzene	106.17	1.7	U	1.7	0.87
179601-23-1	m,p-Xylene	106.17	4.3	U	4.3	1.5
95-47-6	o-Xylene	106.17	1.7	U	1.7	0.82
100-42-5	Styrene	104.15	1.7	U	1.7	0.27
75-25-2	Bromoform	252.75	4.1	U	4.1	1.2
98-82-8	Cumene	120.19	2.0	U	2.0	0.36
79-34-5	1,1,2,2-Tetrachloroethane	167.85	2.7	U	2.7	0.59
103-65-1	n-Propylbenzene	120.19	2.0	U	2.0	0.46
622-96-8	4-Ethyltoluene	120.20	2.0	U	2.0	0.50
108-67-8	1,3,5-Trimethylbenzene	120.20	2.0	U	2.0	0.43
95-49-8	2-Chlorotoluene	126.59	2.1	U	2.1	0.50
98-06-6	tert-Butylbenzene	134.22	2.2	U	2.2	0.41
95-63-6	1,2,4-Trimethylbenzene	120.20	0.51	J D	2.0	0.46

MS 8/24/22

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

10L

Lab Name: Eurofins Burlington | Job No.: 200-63981-1

SDG No.: 200-63981

Client Sample ID: TRC-SSV-13 DL | Lab Sample ID: 200-63981-1 DL

Matrix: Air | Lab File ID: 51497-23.D

Analysis Method: TO-15 | Date Collected: 06/28/2022 12:19

Sample wt/vol: 100(mL) | Date Analyzed: 07/01/2022 03:24

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

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

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

use original

Analysis Batch No.: 181259 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	2.2	U	2.2	0.43
99-87-6	4-Isopropyltoluene	134.22	2.2	U	2.2	0.43
541-73-1	1,3-Dichlorobenzene	147.00	2.4	U	2.4	1.1
106-46-7	1,4-Dichlorobenzene	147.00	2.4	U	2.4	1.1
100-44-7	Benzyl chloride	126.58	2.1	U	2.1	0.77
104-51-8	n-Butylbenzene	134.22	2.2	U	2.2	0.60
95-50-1	1,2-Dichlorobenzene	147.00	2.4	U	2.4	0.84
120-82-1	1,2,4-Trichlorobenzene	181.45	7.4	U	7.4	2.8
87-68-3	Hexachlorobutadiene	260.76	4.3	U	4.3	0.66
91-20-3	Naphthalene	128.17	5.2	U	5.2	1.8

MW 8/24/22

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Burlington Job No.: 200-63981-1

SDG No.: 200-63981

Client Sample ID: TRC-SSV-12 Lab Sample ID: 200-63981-2

Matrix: Air Lab File ID: 51497-24.D

Analysis Method: TO-15 Date Collected: 06/28/2022 12:30

Sample wt/vol: 200(mL) Date Analyzed: 07/01/2022 04:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

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

Analysis Batch No.: 181259 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.3	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	0.86	J	1.8	0.39
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.38
74-87-3	Chloromethane	50.49	0.46	J	1.0	0.25
106-97-8	n-Butane	58.12	1.2	U	1.2	0.45
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.072
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.084
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.20
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.66
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.37
75-69-4	Trichlorofluoromethane	137.37	1.2		1.1	0.29
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.42
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.11
67-64-1	*Acetone*	*58.08*	130 ~~140~~ E		36 ~~12~~	14 ~~4.8~~
67-63-0	Isopropyl alcohol	60.10	11	J	12	2.4
75-15-0	Carbon disulfide	76.14	1.6		1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.34
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.59
75-65-0	tert-Butyl alcohol	74.12	6.0	J	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.29
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.35
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.81
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.12
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	0.18	U	0.18	0.13
67-66-3	Chloroform	119.38	0.28	J	0.98	0.22
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.5
71-55-6	1,1,1-Trichloroethane	133.41	0.74	J	1.1	0.21
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.12
56-23-5	Carbon tetrachloride	153.81	0.33		0.22	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	0.43	J	0.93	0.16
71-43-2	Benzene	78.11	0.42	J	0.64	0.24

MW 8/24/22

FORM I
AIR – GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Burlington Job No.: 200-63981-1

SDG No.: 200-63981

Client Sample ID: TRC-SSV-12 Lab Sample ID: 200-63981-2

Matrix: Air Lab File ID: 51497-24.D

Analysis Method: TO-15 Date Collected: 06/28/2022 12:30

Sample wt/vol: 200(mL) Date Analyzed: 07/01/2022 04:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

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

Analysis Batch No.: 181259 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.61
142-82-5	n-Heptane	100.21	0.71	J	0.82	0.24
79-01-6	Trichloroethene	131.39	11		0.20	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.66
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.40
123-91-1	1,4-Dioxane	88.11	18	U	18	6.1
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.091
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.78
108-88-3	Toluene	92.14	2.1		0.75	0.35
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.40
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.19
127-18-4	*Tetrachloroethene*	*165.83*	520 ~~500~~ ~~E~~		4.1 ~~1.4~~	0.55 ~~0.18~~
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.26
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.35
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.43
179601-23-1	m,p-Xylene	106.17	1.5	J	2.2	0.74
95-47-6	o-Xylene	106.17	0.79	J	0.87	0.41
100-42-5	Styrene	104.15	0.85	U	0.85	0.14
75-25-2	Bromoform	252.75	2.1	U	2.1	0.60
98-82-8	Cumene	120.19	0.98	U	0.98	0.18
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.25
108-67-8	1,3,5-Trimethylbenzene	120.20	0.41	J	0.98	0.22
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	1.0		0.98	0.23
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.21
99-87-6	4-Isopropyltoluene	134.22	0.46	J	1.1	0.21

NW 8/24/22

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Burlington Job No.: 200-63981-1

SDG No.: 200-63981

Client Sample ID: TRC-SSV-12 Lab Sample ID: 200-63981-2

Matrix: Air Lab File ID: 51497-24.D

Analysis Method: TO-15 Date Collected: 06/28/2022 12:30

Sample wt/vol: 200 (mL) Date Analyzed: 07/01/2022 04:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: Heated Purge: (Y/N) pH:

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

Analysis Batch No.: 181259 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.54
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.57
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.38
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.30
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.42
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	1.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.33
91-20-3	Naphthalene	128.17	2.6	U	2.6	0.89

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2DL

Lab Name: Eurofins Burlington Job No.: 200-63981-1

SDG No.: 200-63981

Client Sample ID: TRC-SSV-12 DL Lab Sample ID: 200-63981-2 DL

Matrix: Air Lab File ID: 51497-25.D

Analysis Method: TO-15 Date Collected: 06/28/2022 12:30

Sample wt/vol: 67(mL) Date Analyzed: 07/01/2022 05:12

Soil Aliquot Vol: Dilution Factor: 2.99 Use orig. if AL

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

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

Analysis Batch No.: 181259 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.6	J D	7.4	1.6
75-45-6	Chlorodifluoromethane	86.47	5.3	U	5.3	1.2
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	4.2	U	4.2	1.1
74-87-3	Chloromethane	50.49	3.1	U	3.1	0.74
106-97-8	n-Butane	58.12	3.6	U	3.6	1.4
75-01-4	Vinyl chloride	62.50	0.60	U	0.60	0.21
106-99-0	1,3-Butadiene	54.09	1.3	U	1.3	0.25
74-83-9	Bromomethane	94.94	2.3	U	2.3	0.60
75-00-3	Chloroethane	64.52	3.9	U	3.9	2.0
593-60-2	Bromoethene(Vinyl Bromide)	106.96	2.6	U	2.6	1.1
75-69-4	Trichlorofluoromethane	137.37	1.3	J D	3.4	0.87
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	4.6	U	4.6	1.3
75-35-4	1,1-Dichloroethene	96.94	0.60	U	0.60	0.34
67-64-1	Acetone	58.08	130	D	36	14
67-63-0	Isopropyl alcohol	60.10	10	J D	37	7.2
75-15-0	Carbon disulfide	76.14	1.7	J D	4.7	1.2
107-05-1	3-Chloropropene	76.53	4.7	U	4.7	1.0
75-09-2	Methylene Chloride	84.93	5.2	U	5.2	1.8
75-65-0	tert-Butyl alcohol	74.12	45	U	45	11
1634-04-4	Methyl tert-butyl ether	88.15	2.2	U	2.2	0.86
156-60-5	trans-1,2-Dichloroethene	96.94	2.4	U	2.4	1.0
110-54-3	n-Hexane	86.17	5.3	U	5.3	2.4
75-34-3	1,1-Dichloroethane	98.96	2.4	U	2.4	0.35
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	8.0	D	4.4	1.5
156-59-2	cis-1,2-Dichloroethene	96.94	0.53	U	0.53	0.39
67-66-3	Chloroform	119.38	2.9	U	2.9	0.67
109-99-9	Tetrahydrofuran	72.11	44	U	44	11
71-55-6	1,1,1-Trichloroethane	133.41	3.3	U	3.3	0.64
110-82-7	Cyclohexane	84.16	2.1	U	2.1	0.36
56-23-5	Carbon tetrachloride	153.81	0.66	U	0.66	0.60
540-84-1	2,2,4-Trimethylpentane	114.23	2.8	U	2.8	0.49

MW 8/24/22

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2DL

Lab Name: Eurofins Burlington Job No.: 200-63981-1

SDG No.: 200-63981

Client Sample ID: TRC-SSV-12 DL Lab Sample ID: 200-63981-2 DL

Matrix: Air Lab File ID: 51497-25.D

Analysis Method: TO-15 Date Collected: 06/28/2022 12:30

Sample wt/vol: 67(mL) Date Analyzed: 07/01/2022 05:12

Soil Aliquot Vol: Dilution Factor: 2.99

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH: Use original

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

Analysis Batch No.: 181259 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	1.9	U	1.9	0.71
107-06-2	1,2-Dichloroethane	98.96	2.4	U	2.4	1.8
142-82-5	n-Heptane	100.21	2.5	U	2.5	0.72
79-01-6	Trichloroethene	131.39	11	D	0.60	0.39
80-62-6	Methyl methacrylate	100.12	6.1	U	6.1	2.0
78-87-5	1,2-Dichloropropane	112.99	2.8	U	2.8	1.2
123-91-1	1,4-Dioxane	88.11	54	U	54	18
75-27-4	Bromodichloromethane	163.83	4.0	U	4.0	0.80
10061-01-5	cis-1,3-Dichloropropene	110.97	2.7	U	2.7	0.27
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	6.1	U	6.1	2.3
108-88-3	Toluene	92.14	2.2	J D	2.3	1.0
10061-02-6	trans-1,3-Dichloropropene	110.97	2.7	U	2.7	1.2
79-00-5	1,1,2-Trichloroethane	133.41	3.3	U	3.3	0.55
127-18-4	Tetrachloroethene	165.83	520	D	4.1	0.55
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	6.1	U	6.1	2.5
124-48-1	Dibromochloromethane	208.28	5.1	U	5.1	0.79
106-93-4	1,2-Dibromoethane	187.87	4.6	U	4.6	1.1
108-90-7	Chlorobenzene	112.56	2.8	U	2.8	0.59
100-41-4	Ethylbenzene	106.17	2.6	U	2.6	1.3
179601-23-1	m,p-Xylene	106.17	6.5	U	6.5	2.2
95-47-6	o-Xylene	106.17	2.6	U	2.6	1.2
100-42-5	Styrene	104.15	2.5	U	2.5	0.41
75-25-2	Bromoform	252.75	6.2	U	6.2	1.8
98-82-8	Cumene	120.19	2.9	U	2.9	0.54
79-34-5	1,1,2,2-Tetrachloroethane	167.85	4.1	U	4.1	0.88
103-65-1	n-Propylbenzene	120.19	2.9	U	2.9	0.69
622-96-8	4-Ethyltoluene	120.20	2.9	U	2.9	0.75
108-67-8	1,3,5-Trimethylbenzene	120.20	2.9	U	2.9	0.65
95-49-8	2-Chlorotoluene	126.59	3.1	U	3.1	0.74
98-06-6	tert-Butylbenzene	134.22	3.3	U	3.3	0.61
95-63-6	1,2,4-Trimethylbenzene	120.20	1.0	J D	2.9	0.69

MW 8/24/22

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2DL

Lab Name: Eurofins Burlington | Job No.: 200-63981-1

SDG No.: 200-63981

Client Sample ID: TRC-SSV-12 DL | Lab Sample ID: 200-63981-2 DL

Matrix: Air | Lab File ID: 51497-25.D

Analysis Method: TO-15 | Date Collected: 06/28/2022 12:30

Sample wt/vol: 67(mL) | Date Analyzed: 07/01/2022 05:12

Soil Aliquot Vol: | Dilution Factor: 2.99

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

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

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

Analysis Batch No.: 181259 | Units: ug/m3

use original

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	3.3	U	3.3	0.64
99-87-6	4-Isopropyltoluene	134.22	3.3	U	3.3	0.64
541-73-1	1,3-Dichlorobenzene	147.00	3.6	U	3.6	1.6
106-46-7	1,4-Dichlorobenzene	147.00	3.6	U	3.6	1.7
100-44-7	Benzyl chloride	126.58	3.1	U	3.1	1.1
104-51-8	n-Butylbenzene	134.22	3.3	U	3.3	0.90
95-50-1	1,2-Dichlorobenzene	147.00	3.6	U	3.6	1.3
120-82-1	1,2,4-Trichlorobenzene	181.45	11	U	11	4.2
87-68-3	Hexachlorobutadiene	260.76	6.4	U	6.4	0.99
91-20-3	Naphthalene	128.17	7.8	U	7.8	2.7

MS 9/24/22

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Burlington Job No.: 200-63981-1

SDG No.: 200-63981

Client Sample ID: TRC-SSV-17 Lab Sample ID: 200-63981-3

Matrix: Air Lab File ID: 51520-05.D

Analysis Method: TO-15 Date Collected: 06/28/2022 12:46

Sample wt/vol: 200(mL) Date Analyzed: 07/01/2022 10:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

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

Analysis Batch No.: 181313 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	6.3		2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	41		1.8	0.39
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.38
74-87-3	Chloromethane	50.49	0.93	J	1.0	0.25
106-97-8	n-Butane	58.12	3.7		1.2	0.45
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.072
106-99-0	1,3-Butadiene	54.09	0.76		0.44	0.084
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.20
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.66
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.37
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.29
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.51	J	1.5	0.42
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.11
67-64-1	Acetone	58.08	180 ~~200~~ ~~E~~		36 ~~12~~	14 ~~4.8~~
67-63-0	Isopropyl alcohol	60.10	9.0	J	12	2.4
75-15-0	Carbon disulfide	76.14	5.1		1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.34
75-09-2	Methylene Chloride	84.93	1.2	J	1.7	0.59
75-65-0	tert-Butyl alcohol	74.12	8.9	J	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.29
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.35
110-54-3	n-Hexane	86.17	1.6	J	1.8	0.81
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.12
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	45		1.5	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	0.18	U	0.18	0.13
67-66-3	Chloroform	119.38	7.6		0.98	0.22
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.5
71-55-6	1,1,1-Trichloroethane	133.41	0.75	J	1.1	0.21
110-82-7	Cyclohexane	84.16	0.85		0.69	0.12
56-23-5	Carbon tetrachloride	153.81	0.32		0.22	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	1.3		0.93	0.16
71-43-2	Benzene	78.11	1.6		0.64	0.24

MW 8/24/22

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Burlington Job No.: 200-63981-1

SDG No.: 200-63981

Client Sample ID: TRC-SSV-17 Lab Sample ID: 200-63981-3

Matrix: Air Lab File ID: 51520-05.D

Analysis Method: TO-15 Date Collected: 06/28/2022 12:46

Sample wt/vol: 200(mL) Date Analyzed: 07/01/2022 10:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

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

Analysis Batch No.: 181313 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.61
142-82-5	n-Heptane	100.21	1.8		0.82	0.24
79-01-6	Trichloroethene	131.39	0.96		0.20	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.66
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.40
123-91-1	1,4-Dioxane	88.11	18	U	18	6.1
75-27-4	Bromodichloromethane	163.83	0.33	J	1.3	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.091
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	3.4		2.0	0.78
108-88-3	Toluene	92.14	11		0.75	0.35
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.40
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.19
127-18-4	Tetrachloroethene	165.83	16		1.4	0.18
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	6.1		2.0	0.82
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.26
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.35
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	1.8		0.87	0.43
179601-23-1	m,p-Xylene	106.17	6.2		2.2	0.74
95-47-6	o-Xylene	106.17	3.0		0.87	0.41
100-42-5	Styrene	104.15	0.86		0.85	0.14
75-25-2	Bromoform	252.75	2.1	U	2.1	0.60
98-82-8	Cumene	120.19	0.63	J	0.98	0.18
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.79	J	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	1.7		0.98	0.25
108-67-8	1,3,5-Trimethylbenzene	120.20	3.1		0.98	0.22
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	7.3		0.98	0.23
135-98-8	sec-Butylbenzene	134.22	0.74	J	1.1	0.21
99-87-6	4-Isopropyltoluene	134.22	3.4		1.1	0.21

NW 8/24/22

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Burlington Job No.: 200-63981-1

SDG No.: 200-63981

Client Sample ID: TRC-SSV-17 Lab Sample ID: 200-63981-3

Matrix: Air Lab File ID: 51520-05.D

Analysis Method: TO-15 Date Collected: 06/28/2022 12:46

Sample wt/vol: 200 (mL) Date Analyzed: 07/01/2022 10:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: Heated Purge: (Y/N) pH:

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

Analysis Batch No.: 181313 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.54
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.57
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.38
104-51-8	n-Butylbenzene	134.22	0.48	J	1.1	0.30
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.42
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	1.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.33
91-20-3	Naphthalene	128.17	1.2	J	2.6	0.89

MS 8/24/22

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

3DL

Lab Name: Eurofins Burlington | Job No.: 200-63981-1

SDG No.: 200-63981

Client Sample ID: TRC-SSV-17 DL | Lab Sample ID: 200-63981-3 DL

Matrix: Air | Lab File ID: 51520-06.D

Analysis Method: TO-15 | Date Collected: 06/28/2022 12:46

Sample wt/vol: 67 (mL) | Date Analyzed: 07/01/2022 11:46

Soil Aliquot Vol: | Dilution Factor: 2.99

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: | Heated Purge: (Y/N) pH: use original

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

Analysis Batch No.: 181313 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	6.8	J D	7.4	1.6
75-45-6	Chlorodifluoromethane	86.47	42	D	5.3	1.2
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	4.2	U	4.2	1.1
74-87-3	Chloromethane	50.49	0.89	J D	3.1	0.74
106-97-8	n-Butane	58.12	3.6	D	3.6	1.4
75-01-4	Vinyl chloride	62.50	0.60	U	0.60	0.21
106-99-0	1,3-Butadiene	54.09	1.3	U	1.3	0.25
74-83-9	Bromomethane	94.94	2.3	U	2.3	0.60
75-00-3	Chloroethane	64.52	3.9	U	3.9	2.0
593-60-2	Bromoethene (Vinyl Bromide)	106.96	2.6	U	2.6	1.1
75-69-4	Trichlorofluoromethane	137.37	1.4	J D	3.4	0.87
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	4.6	U	4.6	1.3
75-35-4	1,1-Dichloroethene	96.94	0.60	U	0.60	0.34
67-64-1	Acetone	58.08	180	D	36	14
67-63-0	Isopropyl alcohol	60.10	8.0	J D	37	7.2
75-15-0	Carbon disulfide	76.14	4.9	D	4.7	1.2
107-05-1	3-Chloropropene	76.53	4.7	U	4.7	1.0
75-09-2	Methylene Chloride	84.93	5.2	U	5.2	1.8
75-65-0	tert-Butyl alcohol	74.12	45	U	45	11
1634-04-4	Methyl tert-butyl ether	88.15	2.2	U	2.2	0.86
156-60-5	trans-1,2-Dichloroethene	96.94	2.4	U	2.4	1.0
110-54-3	n-Hexane	86.17	5.3	U	5.3	2.4
75-34-3	1,1-Dichloroethane	98.96	2.4	U	2.4	0.35
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	42	D	4.4	1.5
156-59-2	cis-1,2-Dichloroethene	96.94	0.53	U	0.53	0.39
67-66-3	Chloroform	119.38	7.2	D	2.9	0.67
109-99-9	Tetrahydrofuran	72.11	44	U	44	11
71-55-6	1,1,1-Trichloroethane	133.41	0.76	J D	3.3	0.64
110-82-7	Cyclohexane	84.16	0.86	J D	2.1	0.36
56-23-5	Carbon tetrachloride	153.81	0.66	U	0.66	0.60
540-84-1	2,2,4-Trimethylpentane	114.23	1.3	J D	2.8	0.49

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

30L

Lab Name: Eurofins Burlington | Job No.: 200-63981-1

SDG No.: 200-63981

Client Sample ID: TRC-SSV-17 DL | Lab Sample ID: 200-63981-3 DL

Matrix: Air | Lab File ID: 51520-06.D

Analysis Method: TO-15 | Date Collected: 06/28/2022 12:46

Sample wt/vol: 67(mL) | Date Analyzed: 07/01/2022 11:46

Soil Aliquot Vol: | Dilution Factor: 2.99

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

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

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

use original

Analysis Batch No.: 181313 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	1.7	J D	1.9	0.71
107-06-2	1,2-Dichloroethane	98.96	2.4	U	2.4	1.8
142-82-5	n-Heptane	100.21	1.7	J D	2.5	0.72
79-01-6	Trichloroethene	131.39	0.98	D	0.60	0.39
80-62-6	Methyl methacrylate	100.12	6.1	U	6.1	2.0
78-87-5	1,2-Dichloropropane	112.99	2.8	U	2.8	1.2
123-91-1	1,4-Dioxane	88.11	54	U	54	18
75-27-4	Bromodichloromethane	163.83	4.0	U	4.0	0.80
10061-01-5	cis-1,3-Dichloropropene	110.97	2.7	U	2.7	0.27
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	3.1	J D	6.1	2.3
108-88-3	Toluene	92.14	11	D	2.3	1.0
10061-02-6	trans-1,3-Dichloropropene	110.97	2.7	U	2.7	1.2
79-00-5	1,1,2-Trichloroethane	133.41	3.3	U	3.3	0.55
127-18-4	Tetrachloroethene	165.83	17	D	4.1	0.55
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	5.0	J D	6.1	2.5
124-48-1	Dibromochloromethane	208.28	5.1	U	5.1	0.79
106-93-4	1,2-Dibromoethane	187.87	4.6	U	4.6	1.1
108-90-7	Chlorobenzene	112.56	2.8	U	2.8	0.59
100-41-4	Ethylbenzene	106.17	1.9	J D	2.6	1.3
179601-23-1	m,p-Xylene	106.17	6.1	J D	6.5	2.2
95-47-6	o-Xylene	106.17	3.1	D	2.6	1.2
100-42-5	Styrene	104.15	0.87	J D	2.5	0.41
75-25-2	Bromoform	252.75	6.2	U	6.2	1.8
98-82-8	Cumene	120.19	0.66	J D	2.9	0.54
79-34-5	1,1,2,2-Tetrachloroethane	167.85	4.1	U	4.1	0.88
103-65-1	n-Propylbenzene	120.19	0.79	J D	2.9	0.69
622-96-8	4-Ethyltoluene	120.20	1.7	J D	2.9	0.75
108-67-8	1,3,5-Trimethylbenzene	120.20	3.1	D	2.9	0.65
95-49-8	2-Chlorotoluene	126.59	3.1	U	3.1	0.74
98-06-6	tert-Butylbenzene	134.22	3.3	U	3.3	0.61
95-63-6	1,2,4-Trimethylbenzene	120.20	7.4	D	2.9	0.69

MW 8/24/22

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

30L

Lab Name: Eurofins Burlington | Job No.: 200-63981-1

SDG No.: 200-63981

Client Sample ID: TRC-SSV-17 DL | Lab Sample ID: 200-63981-3 DL

Matrix: Air | Lab File ID: 51520-06.D

Analysis Method: TO-15 | Date Collected: 06/28/2022 12:46

Sample wt/vol: 67(mL) | Date Analyzed: 07/01/2022 11:46

Soil Aliquot Vol: | Dilution Factor: 2.99

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH: Use original

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

Analysis Batch No.: 181313 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	0.72	J D	3.3	0.64
99-87-6	4-Isopropyltoluene	134.22	3.4	D	3.3	0.64
541-73-1	1,3-Dichlorobenzene	147.00	3.6	U	3.6	1.6
106-46-7	1,4-Dichlorobenzene	147.00	3.6	U	3.6	1.7
100-44-7	Benzyl chloride	126.58	3.1	U	3.1	1.1
104-51-8	n-Butylbenzene	134.22	3.3	U	3.3	0.90
95-50-1	1,2-Dichlorobenzene	147.00	3.6	U	3.6	1.3
120-82-1	1,2,4-Trichlorobenzene	181.45	11	U	11	4.2
87-68-3	Hexachlorobutadiene	260.76	6.4	U	6.4	0.99
91-20-3	Naphthalene	128.17	7.8	U	7.8	2.7

MS 8/24/22

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Burlington Job No.: 200-63981-1

SDG No.: 200-63981

Client Sample ID: TRC-SSV-16 Lab Sample ID: 200-63981-4

Matrix: Air Lab File ID: 51520-07.D

Analysis Method: TO-15 Date Collected: 06/28/2022 13:15

Sample wt/vol: 200 (mL) Date Analyzed: 07/01/2022 12:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: Heated Purge: (Y/N) pH:

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

Analysis Batch No.: 181313 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	3.4		2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	8.6		1.8	0.39
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.38
74-87-3	Chloromethane	50.49	0.76	J	1.0	0.25
106-97-8	n-Butane	58.12	3.3		1.2	0.45
75-01-4	Vinyl chloride	62.50	0.22		0.20	0.072
106-99-0	1,3-Butadiene	54.09	0.51		0.44	0.084
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.20
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.66
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.87	U	0.87	0.37
75-69-4	Trichlorofluoromethane	137.37	1.2		1.1	0.29
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.42
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.11
67-64-1	*Acetone*	*58.08*	220 ~~250~~ ~~E~~		36 ~~12~~	14 ~~4.8~~
67-63-0	Isopropyl alcohol	60.10	10	J	12	2.4
75-15-0	Carbon disulfide	76.14	6.1		1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.34
75-09-2	Methylene Chloride	84.93	2.1		1.7	0.59
75-65-0	tert-Butyl alcohol	74.12	18		15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.29
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.35
110-54-3	n-Hexane	86.17	1.6	J	1.8	0.81
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.12
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	70		1.5	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	0.18	U	0.18	0.13
67-66-3	Chloroform	119.38	23		0.98	0.22
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.5
71-55-6	1,1,1-Trichloroethane	133.41	0.33	J	1.1	0.21
110-82-7	Cyclohexane	84.16	0.46	J	0.69	0.12
56-23-5	Carbon tetrachloride	153.81	0.24		0.22	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	1.4		0.93	0.16
71-43-2	Benzene	78.11	3.5		0.64	0.24

NW 8/24/22

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Burlington Job No.: 200-63981-1

SDG No.: 200-63981

Client Sample ID: TRC-SSV-16 Lab Sample ID: 200-63981-4

Matrix: Air Lab File ID: 51520-07.D

Analysis Method: TO-15 Date Collected: 06/28/2022 13:15

Sample wt/vol: 200(mL) Date Analyzed: 07/01/2022 12:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) ___ pH:

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

Analysis Batch No.: 181313 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.61
142-82-5	n-Heptane	100.21	2.4		0.82	0.24
79-01-6	Trichloroethene	131.39	0.39		0.20	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.66
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.40
123-91-1	1,4-Dioxane	88.11	18	U	18	6.1
75-27-4	Bromodichloromethane	163.83	0.88	J	1.3	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.091
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	6.6		2.0	0.78
108-88-3	Toluene	92.14	24		0.75	0.35
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.40
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.19
127-18-4	Tetrachloroethene	165.83	53		1.4	0.18
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	13		2.0	0.82
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.26
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.35
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	3.0		0.87	0.43
179601-23-1	m,p-Xylene	106.17	8.0		2.2	0.74
95-47-6	o-Xylene	106.17	2.8		0.87	0.41
100-42-5	Styrene	104.15	0.30	J	0.85	0.14
75-25-2	Bromoform	252.75	2.1	U	2.1	0.60
98-82-8	Cumene	120.19	0.58	J	0.98	0.18
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.68	J	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	1.0		0.98	0.25
108-67-8	1,3,5-Trimethylbenzene	120.20	1.5		0.98	0.22
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	4.7		0.98	0.23
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.21
99-87-6	4-Isopropyltoluene	134.22	3.5		1.1	0.21

MW 8/24/22

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Burlington Job No.: 200-63981-1

SDG No.: 200-63981

Client Sample ID: TRC-SSV-16 Lab Sample ID: 200-63981-4

Matrix: Air Lab File ID: 51520-07.D

Analysis Method: TO-15 Date Collected: 06/28/2022 13:15

Sample wt/vol: 200 (mL) Date Analyzed: 07/01/2022 12:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: Heated Purge: (Y/N) pH:

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

Analysis Batch No.: 181313 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.54
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.57
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.38
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.30
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.42
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	1.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.33
91-20-3	Naphthalene	128.17	1.4	J	2.6	0.89

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

402

Lab Name: Eurofins Burlington Job No.: 200-63981-1

SDG No.: 200-63981

Client Sample ID: TRC-SSV-16 DL Lab Sample ID: 200-63981-4 DL

Matrix: Air Lab File ID: 51520-08.D

Analysis Method: TO-15 Date Collected: 06/28/2022 13:15

Sample wt/vol: 67 (mL) Date Analyzed: 07/01/2022 13:35

Soil Aliquot Vol: Dilution Factor: 2.99

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low use original

Analysis Batch No.: 181313 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	3.3	J D	7.4	1.6
75-45-6	Chlorodifluoromethane	86.47	8.2	D	5.3	1.2
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	4.2	U	4.2	1.1
74-87-3	Chloromethane	50.49	0.78	J D	3.1	0.74
106-97-8	n-Butane	58.12	3.0	J D	3.6	1.4
75-01-4	Vinyl chloride	62.50	0.60	U	0.60	0.21
106-99-0	1,3-Butadiene	54.09	1.3	U	1.3	0.25
74-83-9	Bromomethane	94.94	2.3	U	2.3	0.60
75-00-3	Chloroethane	64.52	3.9	U	3.9	2.0
593-60-2	Bromoethene (Vinyl Bromide)	106.96	2.6	U	2.6	1.1
75-69-4	Trichlorofluoromethane	137.37	1.2	J D	3.4	0.87
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	4.6	U	4.6	1.3
75-35-4	1,1-Dichloroethene	96.94	0.60	U	0.60	0.34
67-64-1	Acetone	58.08	220	D	36	14
67-63-0	Isopropyl alcohol	60.10	9.1	J D	37	7.2
75-15-0	Carbon disulfide	76.14	5.6	D	4.7	1.2
107-05-1	3-Chloropropene	76.53	4.7	U	4.7	1.0
75-09-2	Methylene Chloride	84.93	2.3	J D	5.2	1.8
75-65-0	tert-Butyl alcohol	74.12	16	J D	45	11
1634-04-4	Methyl tert-butyl ether	88.15	2.2	U	2.2	0.86
156-60-5	trans-1,2-Dichloroethene	96.94	2.4	U	2.4	1.0
110-54-3	n-Hexane	86.17	5.3	U	5.3	2.4
75-34-3	1,1-Dichloroethane	98.96	2.4	U	2.4	0.35
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	65	D	4.4	1.5
156-59-2	cis-1,2-Dichloroethene	96.94	0.53	U	0.53	0.39
67-66-3	Chloroform	119.38	21	D	2.9	0.67
109-99-9	Tetrahydrofuran	72.11	44	U	44	11
71-55-6	1,1,1-Trichloroethane	133.41	3.3	U	3.3	0.64
110-82-7	Cyclohexane	84.16	2.1	U	2.1	0.36
56-23-5	Carbon tetrachloride	153.81	0.66	U	0.66	0.60
540-84-1	2,2,4-Trimethylpentane	114.23	1.3	J D	2.8	0.49

NW 8/24/22

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

40L

Lab Name: Eurofins Burlington | Job No.: 200-63981-1

SDG No.: 200-63981

Client Sample ID: TRC-SSV-16 DL | Lab Sample ID: 200-63981-4 DL

Matrix: Air | Lab File ID: 51520-08.D

Analysis Method: TO-15 | Date Collected: 06/28/2022 13:15

Sample wt/vol: 67 (mL) | Date Analyzed: 07/01/2022 13:35

Soil Aliquot Vol: | Dilution Factor: 2.99

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32 (mm)

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

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

Analysis Batch No.: 181313 | Units: ug/m3

use orig. val

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	3.4	D	1.9	0.71
107-06-2	1,2-Dichloroethane	98.96	2.4	U	2.4	1.8
142-82-5	n-Heptane	100.21	2.3	J D	2.5	0.72
79-01-6	Trichloroethene	131.39	0.60	U	0.60	0.39
80-62-6	Methyl methacrylate	100.12	6.1	U	6.1	2.0
78-87-5	1,2-Dichloropropane	112.99	2.8	U	2.8	1.2
123-91-1	1,4-Dioxane	88.11	54	U	54	18
75-27-4	Bromodichloromethane	163.83	0.79	J D	4.0	0.80
10061-01-5	cis-1,3-Dichloropropene	110.97	2.7	U	2.7	0.27
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	6.0	D	6.1	2.3
108-88-3	Toluene	92.14	23	D	2.3	1.0
10061-02-6	trans-1,3-Dichloropropene	110.97	2.7	U	2.7	1.2
79-00-5	1,1,2-Trichloroethane	133.41	3.3	U	3.3	0.55
127-18-4	Tetrachloroethene	165.83	52	D	4.1	0.55
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	12	D	6.1	2.5
124-48-1	Dibromochloromethane	208.28	5.1	U	5.1	0.79
106-93-4	1,2-Dibromoethane	187.87	4.6	U	4.6	1.1
108-90-7	Chlorobenzene	112.56	2.8	U	2.8	0.59
100-41-4	Ethylbenzene	106.17	2.8	D	2.6	1.3
179601-23-1	m,p-Xylene	106.17	7.8	D	6.5	2.2
95-47-6	o-Xylene	106.17	2.8	D	2.6	1.2
100-42-5	Styrene	104.15	2.5	U	2.5	0.41
75-25-2	Bromoform	252.75	6.2	U	6.2	1.8
98-82-8	Cumene	120.19	0.57	J D	2.9	0.54
79-34-5	1,1,2,2-Tetrachloroethane	167.85	4.1	U	4.1	0.88
103-65-1	n-Propylbenzene	120.19	2.9	U	2.9	0.69
622-96-8	4-Ethyltoluene	120.20	2.9	U	2.9	0.75
108-67-8	1,3,5-Trimethylbenzene	120.20	1.5	J D	2.9	0.65
95-49-8	2-Chlorotoluene	126.59	3.1	U	3.1	0.74
98-06-6	tert-Butylbenzene	134.22	3.3	U	3.3	0.61
95-63-6	1,2,4-Trimethylbenzene	120.20	4.4	D	2.9	0.69

MW 8/24/22

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

4DL

Lab Name: Eurofins Burlington | Job No.: 200-63981-1

SDG No.: 200-63981

Client Sample ID: TRC-SSV-16 DL | Lab Sample ID: 200-63981-4 DL

Matrix: Air | Lab File ID: 51520-08.D

Analysis Method: TO-15 | Date Collected: 06/28/2022 13:15

Sample wt/vol: 67 (mL) | Date Analyzed: 07/01/2022 13:35

Soil Aliquot Vol: | Dilution Factor: 2.99

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: | Heated Purge: (Y/N) pH: Use original

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

Analysis Batch No.: 181313 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	3.3	U	3.3	0.64
99-87-6	4-Isopropyltoluene	134.22	3.3	U	3.3	0.64
541-73-1	1,3-Dichlorobenzene	147.00	3.6	U	3.6	1.6
106-46-7	1,4-Dichlorobenzene	147.00	3.6	U	3.6	1.7
100-44-7	Benzyl chloride	126.58	3.1	U	3.1	1.1
104-51-8	n-Butylbenzene	134.22	3.3	U	3.3	0.90
95-50-1	1,2-Dichlorobenzene	147.00	3.6	U	3.6	1.3
120-82-1	1,2,4-Trichlorobenzene	181.45	11	U	11	4.2
87-68-3	Hexachlorobutadiene	260.76	6.4	U	6.4	0.99
91-20-3	Naphthalene	128.17	7.8	U	7.8	2.7

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
NYSCA-PROPOSED PUBLIC SCHOOL K20F, NEW YORK

Client: TRC Engineering, Inc., New York, New York
SDG: 460-260929-1
Laboratory: Eurofins Test America, Edison, New Jersey and Burlington, Vermont
Site: NYSCA-Proposed Public School K20F, New York
Date: August 10, 2022

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	TRC-SB-20 (1-4)	460-260929-1	Soil
2	TRC-SB-20 (12-15)	460-260929-2	Soil
2RE	TRC-SB-20 (12-15)RE	460-260929-2RE	Soil
3	TRC-SB-19 (1-4)	460-260929-3	Soil
4	TRC-SB-19 (12-15)	460-260929-4	Soil
5	TRC-SB-19 (22.5-24.5)	460-260929-5	Soil
6	TRC-SB-18 (1-4)	460-260929-6	Soil
7	TRC-SB-18 (12-15)	460-260929-7	Soil
8	TRC-EB-01	460-260929-8	Water
9	TRC-DUP-01	460-260929-9	Soil
10	TRC-SB-13 (1-4)	460-260929-10	Soil
11	TRC-SB-12 (1-4)	460-260929-11	Soil
12	TRC-SB-06-N (20.5-22.5)	460-260929-12	Soil
13	TRC-SB-06-N (13-15)	460-260929-13	Soil
14	TRC-SB-06-N (1-4)	460-260929-14	Soil
14RE	TRC-SB-06-N (1-4)RE	460-260929-14RE	Soil
15	TRC-SB-16 (1-3)	460-260929-15	Soil
16	TRC-SB-17 (1-2)	460-260929-16	Soil
17	TRC-EB-02	460-260929-17	Water
18	TRC-SB-06-W (1-4)	460-260929-18	Soil
19	TRC-SB-06-W (20-22)	460-260929-19	Soil
19RE	TRC-SB-06-W (20-22)RE	460-260929-19RE	Soil
20	TRC-SB-06-E (1-3)	460-260929-20	Soil
21	TRC-SB-14 (1-4)	460-260929-21	Soil
22	TRC-SB-14 (12-15)	460-260929-22	Soil
23	TRC-DUP-02	460-260929-23	Soil
24	TRC-EB-03	460-260929-24	Water

A Data Usability Summary Review was performed on the analytical data for twenty one soil samples and three aqueous equipment blank samples collected on June 27-29, 2022 by TRC at the NYSCA-Proposed Public School K20F in New York. The samples were analyzed under the USEPA Method for the Determination of Selected Per- and Polyfluorinated Alkyl Substances in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS).

Specific method references are as follows:

Analysis	*Method References*
PFAS	USEPA Method 537.1

The data have been validated according to the protocols and quality control (QC) requirements of the analytical method and the USEPA Data Review Guidelines as follows:

- USEPA Data Review and Validation Guidelines for Perfluoroalkyl Substances (PFAS) Analyzed Using EPA Method 537, November 2018;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Holding times and sample preservation
- Liquid Chromatography (LC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Method blank and field blank contamination
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Data Usability Assessment

There were minor rejections of data. This data cannot be used in the decision-making process for this project.

- Several compounds were rejected in two samples and two re-analysis samples due to severely low surrogate recoveries.

The remaining data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Perfluorinated Alkyl Substances (PFAS)

Holding Times

- All samples were extracted within 14 days for water samples and analyzed within 28 days.

EDS Sample ID	Date Sampled	Data Analyzed	# of Days	Qualifier
2RE	06/27/22	07/20/22	23	J/UJ - Unless R
14RE	06/27/22	07/20/22	23	J/UJ
19RE	06/28/22	07/14/22	16	J/UJ - Unless R

LC/MS Tuning

- All criteria were met.

Initial Calibration

- All relative standard deviation (%RSD) and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- All percent difference (%D) and RRF criteria were met.

Method Blank

- The following table lists method blank samples with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U).

Sample ID	Compound	Conc. ng/L	Qualifier	Affected Samples
410-274509/1-A	PFOS	0.533	None	All Associated ND

Field Blank

- The following table lists field blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U).

Sample ID	Compound	Conc. ng/L	Qualifier	Affected Samples
TRC-EB-01	None - ND	-	-	-
TRC-EB-02	None - ND	-	-	-
TRC-EB-03	None - ND	-	-	-

Surrogate Spike Recoveries

- The following table presents surrogate percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

PFAS			
Sample ID	Surrogate	%R	Qualifier
2	d3-NMeFOSAA	8%	R
	d5-NEtFOSAA	8%	
2RE	d3-NMeFOSAA	6%	
	d5-NEtFOSAA	7%	
3	M2-8:2 FTS	221%	None - ND
	M2-6:2 FTS	313%	
14	13C8 FOSA	13%	UJ
19	13C8 FOSA	3%	R
19RE	13C8 FOSA	8%	

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples

- The LCS exhibited acceptable percent recoveries (%R).

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- Three samples were re-extracted outside of holding times and re-analyzed due to surrogate deficiencies. Use the original results for reporting purposes.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	TRC-SB-18 (12-15) ug/kg	TRC-DUP-01 ug/kg	RPD	Qualifier
None	ND	ND	-	-

Compound	TRC-SB-14 (12-15) ug/kg	TRC-DUP-02 ug/kg	RPD	Qualifier
PFOS	0.46	0.43	7%	None
PFOA	0.033	0.036	9%	

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 8.11.22

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC

Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-20 (1-4)

Lab Sample ID: 460-260929-1

Matrix: Solid

Lab File ID: 22JUL18-56.d

Analysis Method: 537 (Modified)

Date Collected: 06/27/2022 09:05

Extraction Method: SHAKE

Date Extracted: 07/07/2022 08:17

Sample wt/vol: 10.03(g)

Date Analyzed: 07/18/2022 20:12

Con. Extract Vol.: 20(mL)

Dilution Factor: 1

Injection Volume: 3(uL)

GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 36.8 % Solids: 63.2

GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 276615

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.32	U	0.32	0.030
375-85-9	Perfluoroheptanoic acid	0.32	U	0.32	0.038
335-67-1	Perfluorooctanoic acid	0.32	U	0.32	0.035
375-95-1	Perfluorononanoic acid	0.32	U	0.32	0.036
335-76-2	Perfluorodecanoic acid	0.32	U	0.32	0.038
72629-94-8	Perfluorotridecanoic acid	0.32	U	0.32	0.033
376-06-7	Perfluorotetradecanoic acid	0.32	U	0.32	0.038
375-73-5	Perfluorobutanesulfonic acid	0.63	U	0.63	0.57
355-46-4	Perfluorohexanesulfonic acid	0.32	U	0.32	0.030
1763-23-1	Perfluorooctanesulfonic acid	0.32	U	0.32	0.055
2991-50-6	NEtFOSAA	0.32	U	0.32	0.035
2355-31-9	NMeFOSAA	0.32	U	0.32	0.049
375-92-8	Perfluoroheptanesulfonic acid	0.32	U	0.32	0.032
335-77-3	Perfluorodecanesulfonic acid	0.32	U	0.32	0.033
754-91-6	Perfluorooctanesulfonamide	0.32	U	0.32	0.033
375-22-4	Perfluorobutanoic acid	0.32	U	0.32	0.038
2058-94-8	Perfluoroundecanoic acid	0.32	U	0.32	0.088
307-55-1	Perfluorododecanoic acid	0.32	U	0.32	0.036
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.32	U	0.32	0.077
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.32	U	0.32	0.027
2706-90-3	Perfluoropentanoic acid	0.32	U	0.32	0.038

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-20 (12-15)
Lab Sample ID: 460-260929-2

Matrix: Solid
Lab File ID: 22JUL18-57.d

Analysis Method: 537 (Modified)
Date Collected: 06/27/2022 09:10

Extraction Method: SHAKE
Date Extracted: 07/07/2022 08:17

Sample wt/vol: 10.02(g)
Date Analyzed: 07/18/2022 20:23

Con. Extract Vol.: 20(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.7 % Solids: 84.3
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 276615
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.024	J	0.24	0.023
375-85-9	Perfluoroheptanoic acid	0.24	U	0.24	0.028
335-67-1	Perfluorooctanoic acid	0.049	J	0.24	0.026
375-95-1	Perfluorononanoic acid	0.24	U	0.24	0.027
335-76-2	Perfluorodecanoic acid	0.24	U	0.24	0.028
72629-94-8	Perfluorotridecanoic acid	0.24	U	0.24	0.025
376-06-7	Perfluorotetradecanoic acid	0.24	U	0.24	0.028
375-73-5	Perfluorobutanesulfonic acid	0.47	U	0.47	0.43
355-46-4	Perfluorohexanesulfonic acid	0.24	U	0.24	0.023
1763-23-1	Perfluorooctanesulfonic acid	0.24	U	0.24	0.041
2991-50-6	NEtFOSAA	0.24	~~U~~ R	0.24	0.026
2355-31-9	NMeFOSAA	0.24	~~U~~ R	0.24	0.037
375-92-8	Perfluoroheptanesulfonic acid	0.24	U	0.24	0.024
335-77-3	Perfluorodecanesulfonic acid	0.24	U	0.24	0.025
754-91-6	Perfluorooctanesulfonamide	0.24	U	0.24	0.025
375-22-4	Perfluorobutanoic acid	0.24	U	0.24	0.028
2058-94-8	Perfluoroundecanoic acid	0.24	U	0.24	0.066
307-55-1	Perfluorododecanoic acid	0.24	U	0.24	0.027
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.24	U	0.24	0.058
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.24	U	0.24	0.020
2706-90-3	Perfluoropentanoic acid	0.24	U	0.24	0.028

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-20 (12-15)
Lab Sample ID: 460-260929-2

Matrix: Solid
Lab File ID: 22JUL18-57.d

Analysis Method: 537 (Modified)
Date Collected: 06/27/2022 09:10

Extraction Method: SHAKE
Date Extracted: 07/07/2022 08:17

Sample wt/vol: 10.02(g)
Date Analyzed: 07/18/2022 20:23

Con. Extract Vol.: 20(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.7 % Solids: 84.3
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 276615
Units: ug/Kg

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL02280	M2-8:2 FTS	122		15-200
STL02279	M2-6:2 FTS	133		10-200
STL02577	13C5 PFHxA	119		10-174
STL01892	13C4 PFHpA	129		10-178
STL01052	13C8 PFOA	118		26-159
STL02578	13C9 PFNA	125		26-165
STL02579	13C6 PFDA	117		26-161
STL02580	13C7 PFUnA	116		12-173
STL02703	13C2-PFDoDA	116		11-166
STL02116	13C2 PFTeDA	101		10-169
STL02337	13C3 PFBS	121		27-179
STL02581	13C3 PFHxS	129		24-171
STL01054	13C8 PFOS	124		41-154
STL02118	d3-NMeFOSAA	8	✗	10-178
STL02117	d5-NEtFOSAA	8	✗	10-193
STL01056	13C8 FOSA	37		14-163
STL00992	13C4 PFBA	105		28-153
STL01893	13C5 PFPeA	110		24-161

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

2RE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-20 (12-15) RE
Lab Sample ID: 460-260929-2 RE

Matrix: Solid
Lab File ID: 22JUL25-49.d

Analysis Method: 537 (Modified)
Date Collected: 06/27/2022 09:10

Extraction Method: SHAKE
Date Extracted: 07/20/2022 20:49

Sample wt/vol: 10.07(g)
Date Analyzed: 07/25/2022 14:56

Con. Extract Vol.: 20(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.7 % Solids: 84.3
GPC Cleanup:(Y/N) N

use original

Cleanup Factor:

Analysis Batch No.: 279063
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q		RL	MDL
307-24-4	Perfluorohexanoic acid	0.029	J	J	0.24	0.022
375-85-9	Perfluoroheptanoic acid	0.24	U	UJ	0.24	0.028
335-67-1	Perfluorooctanoic acid	0.047	J	J	0.24	0.026
375-95-1	Perfluorononanoic acid	0.24	U	UJ	0.24	0.027
335-76-2	Perfluorodecanoic acid	0.24	U		0.24	0.028
72629-94-8	Perfluorotridecanoic acid	0.24	U		0.24	0.025
376-06-7	Perfluorotetradecanoic acid	0.24	U		0.24	0.028
375-73-5	Perfluorobutanesulfonic acid	0.47	U		0.47	0.43
355-46-4	Perfluorohexanesulfonic acid	0.24	U		0.24	0.022
1763-23-1	Perfluorooctanesulfonic acid	0.24	U		0.24	0.041
2991-50-6	NEtFOSAA	0.24	U	R	0.24	0.026
2355-31-9	NMeFOSAA	0.24	U	R	0.24	0.037
375-92-8	Perfluoroheptanesulfonic acid	0.24	U	UJ	0.24	0.024
335-77-3	Perfluorodecanesulfonic acid	0.24	U		0.24	0.025
754-91-6	Perfluorooctanesulfonamide	0.24	U		0.24	0.025
375-22-4	Perfluorobutanoic acid	0.24	U		0.24	0.028
2058-94-8	Perfluoroundecanoic acid	0.24	U		0.24	0.066
307-55-1	Perfluorododecanoic acid	0.24	U		0.24	0.027
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.24	U		0.24	0.058
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.24	U		0.24	0.020
2706-90-3	Perfluoropentanoic acid	0.24	U		0.24	0.028

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

2RE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-20 (12-15) RE
Lab Sample ID: 460-260929-2 RE

Matrix: Solid
Lab File ID: 22JUL25-49.d

Analysis Method: 537 (Modified)
Date Collected: 06/27/2022 09:10

Extraction Method: SHAKE
Date Extracted: 07/20/2022 20:49

Sample wt/vol: 10.07(g)
Date Analyzed: 07/25/2022 14:56

Con. Extract Vol.: 20(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.7 % Solids: 84.3
GPC Cleanup:(Y/N) N

use original

Cleanup Factor:

Analysis Batch No.: 279063
Units: ug/Kg

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL02280	M2-8:2 FTS	98		15-200
STL02279	M2-6:2 FTS	115		10-200
STL02577	13C5 PFHxA	92		10-174
STL01892	13C4 PFHpA	89		10-178
STL01052	13C8 PFOA	91		26-159
STL02578	13C9 PFNA	101		26-165
STL02579	13C6 PFDA	92		26-161
STL02580	13C7 PFUnA	98		12-173
STL02703	13C2-PFDoDA	83		11-166
STL02116	13C2 PFTeDA	86		10-169
STL02337	13C3 PFBS	92		27-179
STL02581	13C3 PFHxS	90		24-171
STL01054	13C8 PFOS	98		41-154
STL02118	d3-NMeFOSAA	6	/	10-178
STL02117	d5-NEtFOSAA	7	/	10-193
STL01056	13C8 FOSA	60		14-163
STL00992	13C4 PFBA	87		28-153
STL01893	13C5 PFPeA	84		24-161

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC

Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-19 (1-4)

Lab Sample ID: 460-260929-3

Matrix: Solid

Lab File ID: 22JUL18-58.d

Analysis Method: 537 (Modified)

Date Collected: 06/27/2022 09:45

Extraction Method: SHAKE

Date Extracted: 07/07/2022 08:17

Sample wt/vol: 10.06(g)

Date Analyzed: 07/18/2022 20:34

Con. Extract Vol.: 20(mL)

Dilution Factor: 1

Injection Volume: 3(uL)

GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 10.0 % Solids: 90.0

GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 276615

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.033	J	0.22	0.021
375-85-9	Perfluoroheptanoic acid	0.22	U	0.22	0.027
335-67-1	Perfluorooctanoic acid	0.14	J	0.22	0.024
375-95-1	Perfluorononanoic acid	0.22	U	0.22	0.025
335-76-2	Perfluorodecanoic acid	0.22	U	0.22	0.027
72629-94-8	Perfluorotridecanoic acid	0.22	U	0.22	0.023
376-06-7	Perfluorotetradecanoic acid	0.22	U	0.22	0.027
375-73-5	Perfluorobutanesulfonic acid	0.44	U	0.44	0.40
355-46-4	Perfluorohexanesulfonic acid	0.22	U	0.22	0.021
1763-23-1	Perfluorooctanesulfonic acid	0.067	J	0.22	0.039
2991-50-6	NEtFOSAA	0.22	U	0.22	0.024
2355-31-9	NMeFOSAA	0.22	U	0.22	0.034
375-92-8	Perfluoroheptanesulfonic acid	0.22	U	0.22	0.022
335-77-3	Perfluorodecanesulfonic acid	0.22	U	0.22	0.023
754-91-6	Perfluorooctanesulfonamide	0.22	U	0.22	0.023
375-22-4	Perfluorobutanoic acid	0.045	J	0.22	0.027
2058-94-8	Perfluoroundecanoic acid	0.22	U	0.22	0.062
307-55-1	Perfluorododecanoic acid	0.22	U	0.22	0.025
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.22	U	0.22	0.054
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.22	U	0.22	0.019
2706-90-3	Perfluoropentanoic acid	0.22	U	0.22	0.027

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-19 (1-4)
Lab Sample ID: 460-260929-3

Matrix: Solid
Lab File ID: 22JUL18-58.d

Analysis Method: 537 (Modified)
Date Collected: 06/27/2022 09:45

Extraction Method: SHAKE
Date Extracted: 07/07/2022 08:17

Sample wt/vol: 10.06(g)
Date Analyzed: 07/18/2022 20:34

Con. Extract Vol.: 20(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 10.0 % Solids: 90.0
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 276615
Units: ug/Kg

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL02280	M2-8:2 FTS	221	✓	15-200
STL02279	M2-6:2 FTS	313	✓	10-200
STL02577	13C5 PFHxA	114		10-174
STL01892	13C4 PFHpA	119		10-178
STL01052	13C8 PFOA	103		26-159
STL02578	13C9 PFNA	128		26-165
STL02579	13C6 PFDA	118		26-161
STL02580	13C7 PFUnA	133		12-173
STL02703	13C2-PFDoDA	131		11-166
STL02116	13C2 PFTeDA	132		10-169
STL02337	13C3 PFBS	123		27-179
STL02581	13C3 PFHxS	126		24-171
STL01054	13C8 PFOS	120		41-154
STL02118	d3-NMeFOSAA	79		10-178
STL02117	d5-NEtFOSAA	99		10-193
STL01056	13C8 FOSA	62		14-163
STL00992	13C4 PFBA	117		28-153
STL01893	13C5 PFPeA	120		24-161

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC

Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-19 (12-15)

Lab Sample ID: 460-260929-4

Matrix: Solid

Lab File ID: 22JUL18-59.d

Analysis Method: 537 (Modified)

Date Collected: 06/27/2022 09:55

Extraction Method: SHAKE

Date Extracted: 07/07/2022 08:17

Sample wt/vol: 10.08(g)

Date Analyzed: 07/18/2022 20:45

Con. Extract Vol.: 20(mL)

Dilution Factor: 1

Injection Volume: 3(uL)

GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 16.4 % Solids: 83.6

GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 276615

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.24	U	0.24	0.023
375-85-9	Perfluoroheptanoic acid	0.24	U	0.24	0.028
335-67-1	Perfluorooctanoic acid	0.24	U	0.24	0.026
375-95-1	Perfluorononanoic acid	0.24	U	0.24	0.027
335-76-2	Perfluorodecanoic acid	0.24	U	0.24	0.028
72629-94-8	Perfluorotridecanoic acid	0.24	U	0.24	0.025
376-06-7	Perfluorotetradecanoic acid	0.24	U	0.24	0.028
375-73-5	Perfluorobutanesulfonic acid	0.47	U	0.47	0.43
355-46-4	Perfluorohexanesulfonic acid	0.24	U	0.24	0.023
1763-23-1	Perfluorooctanesulfonic acid	0.24	U	0.24	0.042
2991-50-6	NEtFOSAA	0.24	U	0.24	0.026
2355-31-9	NMeFOSAA	0.24	U	0.24	0.037
375-92-8	Perfluoroheptanesulfonic acid	0.24	U	0.24	0.024
335-77-3	Perfluorodecanesulfonic acid	0.24	U	0.24	0.025
754-91-6	Perfluorooctanesulfonamide	0.24	U	0.24	0.025
375-22-4	Perfluorobutanoic acid	0.24	U	0.24	0.028
2058-94-8	Perfluoroundecanoic acid	0.24	U	0.24	0.066
307-55-1	Perfluorododecanoic acid	0.24	U	0.24	0.027
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.24	U	0.24	0.058
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.24	U	0.24	0.020
2706-90-3	Perfluoropentanoic acid	0.24	U	0.24	0.028

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

5

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-19 (22.5-24.5)
Lab Sample ID: 460-260929-5

Matrix: Solid
Lab File ID: 22JUL18-60.d

Analysis Method: 537 (Modified)
Date Collected: 06/27/2022 11:15

Extraction Method: SHAKE
Date Extracted: 07/07/2022 08:17

Sample wt/vol: 10.00(g)
Date Analyzed: 07/18/2022 20:56

Con. Extract Vol.: 20(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 8.6 % Solids: 91.4
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 276615
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.22	U	0.22	0.021
375-85-9	Perfluoroheptanoic acid	0.22	U	0.22	0.026
335-67-1	Perfluorooctanoic acid	0.22	U	0.22	0.024
375-95-1	Perfluorononanoic acid	0.22	U	0.22	0.025
335-76-2	Perfluorodecanoic acid	0.22	U	0.22	0.026
72629-94-8	Perfluorotridecanoic acid	0.22	U	0.22	0.023
376-06-7	Perfluorotetradecanoic acid	0.22	U	0.22	0.026
375-73-5	Perfluorobutanesulfonic acid	0.44	U	0.44	0.40
355-46-4	Perfluorohexanesulfonic acid	0.22	U	0.22	0.021
1763-23-1	Perfluorooctanesulfonic acid	0.22	U	0.22	0.038
2991-50-6	NEtFOSAA	0.22	U	0.22	0.024
2355-31-9	NMeFOSAA	0.22	U	0.22	0.034
375-92-8	Perfluoroheptanesulfonic acid	0.22	U	0.22	0.022
335-77-3	Perfluorodecanesulfonic acid	0.22	U	0.22	0.023
754-91-6	Perfluorooctanesulfonamide	0.22	U	0.22	0.023
375-22-4	Perfluorobutanoic acid	0.056	J	0.22	0.026
2058-94-8	Perfluoroundecanoic acid	0.22	U	0.22	0.061
307-55-1	Perfluorododecanoic acid	0.22	U	0.22	0.025
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.22	U	0.22	0.054
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.22	U	0.22	0.019
2706-90-3	Perfluoropentanoic acid	0.22	U	0.22	0.026

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

6

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-18 (1-4)
Lab Sample ID: 460-260929-6

Matrix: Solid
Lab File ID: 22JUL18-61.d

Analysis Method: 537 (Modified)
Date Collected: 06/27/2022 12:00

Extraction Method: SHAKE
Date Extracted: 07/07/2022 08:17

Sample wt/vol: 10.02(g)
Date Analyzed: 07/18/2022 21:07

Con. Extract Vol.: 20(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 8.0 % Solids: 92.0
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 276615
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.22	U	0.22	0.021
375-85-9	Perfluoroheptanoic acid	0.22	U	0.22	0.026
335-67-1	Perfluorooctanoic acid	0.22	U	0.22	0.024
375-95-1	Perfluorononanoic acid	0.22	U	0.22	0.025
335-76-2	Perfluorodecanoic acid	0.22	U	0.22	0.026
72629-94-8	Perfluorotridecanoic acid	0.22	U	0.22	0.023
376-06-7	Perfluorotetradecanoic acid	0.22	U	0.22	0.026
375-73-5	Perfluorobutanesulfonic acid	0.43	U	0.43	0.39
355-46-4	Perfluorohexanesulfonic acid	0.22	U	0.22	0.021
1763-23-1	Perfluorooctanesulfonic acid	0.22	U	0.22	0.038
2991-50-6	NEtFOSAA	0.22	U	0.22	0.024
2355-31-9	NMeFOSAA	0.22	U	0.22	0.034
375-92-8	Perfluoroheptanesulfonic acid	0.22	U	0.22	0.022
335-77-3	Perfluorodecanesulfonic acid	0.22	U	0.22	0.023
754-91-6	Perfluorooctanesulfonamide	0.22	U	0.22	0.023
375-22-4	Perfluorobutanoic acid	0.22	U	0.22	0.026
2058-94-8	Perfluoroundecanoic acid	0.22	U	0.22	0.061
307-55-1	Perfluorododecanoic acid	0.22	U	0.22	0.025
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.22	U	0.22	0.053
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.22	U	0.22	0.018
2706-90-3	Perfluoropentanoic acid	0.22	U	0.22	0.026

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

7

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-18 (12-15)
Lab Sample ID: 460-260929-7

Matrix: Solid
Lab File ID: 22JUL18-62.d

Analysis Method: 537 (Modified)
Date Collected: 06/27/2022 12:05

Extraction Method: SHAKE
Date Extracted: 07/07/2022 08:17

Sample wt/vol: 10.07(g)
Date Analyzed: 07/18/2022 21:19

Con. Extract Vol.: 20(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 19.1 % Solids: 80.9
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 276615
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.25	U	0.25	0.023
375-85-9	Perfluoroheptanoic acid	0.25	U	0.25	0.029
335-67-1	Perfluorooctanoic acid	0.25	U	0.25	0.027
375-95-1	Perfluorononanoic acid	0.25	U	0.25	0.028
335-76-2	Perfluorodecanoic acid	0.25	U	0.25	0.029
72629-94-8	Perfluorotridecanoic acid	0.25	U	0.25	0.026
376-06-7	Perfluorotetradecanoic acid	0.25	U	0.25	0.029
375-73-5	Perfluorobutanesulfonic acid	0.49	U	0.49	0.44
355-46-4	Perfluorohexanesulfonic acid	0.25	U	0.25	0.023
1763-23-1	Perfluorooctanesulfonic acid	0.25	U	0.25	0.043
2991-50-6	NEtFOSAA	0.25	U	0.25	0.027
2355-31-9	NMeFOSAA	0.25	U	0.25	0.038
375-92-8	Perfluoroheptanesulfonic acid	0.25	U	0.25	0.025
335-77-3	Perfluorodecanesulfonic acid	0.25	U	0.25	0.026
754-91-6	Perfluorooctanesulfonamide	0.25	U	0.25	0.026
375-22-4	Perfluorobutanoic acid	0.25	U	0.25	0.029
2058-94-8	Perfluoroundecanoic acid	0.25	U	0.25	0.069
307-55-1	Perfluorododecanoic acid	0.25	U	0.25	0.028
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.25	U	0.25	0.060
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.25	U	0.25	0.021
2706-90-3	Perfluoropentanoic acid	0.25	U	0.25	0.029

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

8

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-EB-01
Lab Sample ID: 460-260929-8

Matrix: Water
Lab File ID: 22JUL18-40.d

Analysis Method: 537 IDA
Date Collected: 06/27/2022 14:05

Extraction Method: 537 IDA
Date Extracted: 07/08/2022 07:34

Sample wt/vol: 311.2(mL)
Date Analyzed: 07/18/2022 17:47

Con. Extract Vol.: 1(mL)
Dilution Factor: 1

Injection Volume: 4(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture:
% Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 276581
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	1.61	U	1.61	0.40
375-85-9	Perfluoroheptanoic acid	1.61	U	1.61	0.40
335-67-1	Perfluorooctanoic acid	1.61	U	1.61	0.40
375-95-1	Perfluorononanoic acid	1.61	U	1.61	0.40
335-76-2	Perfluorodecanoic acid	1.61	U	1.61	0.40
72629-94-8	Perfluorotridecanoic acid	1.61	U	1.61	0.40
376-06-7	Perfluorotetradecanoic acid	1.61	U	1.61	0.40
375-73-5	Perfluorobutanesulfonic acid	1.61	U	1.61	0.40
355-46-4	Perfluorohexanesulfonic acid	1.61	U	1.61	0.40
1763-23-1	Perfluorooctanesulfonic acid	1.61	U	1.61	0.40
2991-50-6	NEtFOSAA	2.41	U	2.41	0.40
2355-31-9	NMeFOSAA	1.61	U	1.61	0.48
375-92-8	Perfluoroheptanesulfonic acid	1.61	U	1.61	0.40
335-77-3	Perfluorodecanesulfonic acid	1.61	U	1.61	0.40
754-91-6	Perfluorooctanesulfonamide	1.61	U	1.61	0.40
375-22-4	Perfluorobutanoic acid	4.02	U	4.02	1.61
2058-94-8	Perfluoroundecanoic acid	1.61	U	1.61	0.40
307-55-1	Perfluorododecanoic acid	1.61	U	1.61	0.40
27619-97-2	6:2 Fluorotelomer sulfonic acid	4.02	U	4.02	1.61
39108-34-4	8:2 Fluorotelomer sulfonic acid	2.41	U	2.41	0.80
2706-90-3	Perfluoropentanoic acid	1.61	U	1.61	0.40

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-DUP-01
Lab Sample ID: 460-260929-9

Matrix: Solid
Lab File ID: 22JUL18-63.d

Analysis Method: 537 (Modified)
Date Collected: 06/27/2022 12:10

Extraction Method: SHAKE
Date Extracted: 07/07/2022 08:17

Sample wt/vol: 10.03(g)
Date Analyzed: 07/18/2022 21:30

Con. Extract Vol.: 20(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 19.4 % Solids: 80.6
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 276615
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.25	U	0.25	0.024
375-85-9	Perfluoroheptanoic acid	0.25	U	0.25	0.030
335-67-1	Perfluorooctanoic acid	0.25	U	0.25	0.027
375-95-1	Perfluorononanoic acid	0.25	U	0.25	0.028
335-76-2	Perfluorodecanoic acid	0.25	U	0.25	0.030
72629-94-8	Perfluorotridecanoic acid	0.25	U	0.25	0.026
376-06-7	Perfluorotetradecanoic acid	0.25	U	0.25	0.030
375-73-5	Perfluorobutanesulfonic acid	0.49	U	0.49	0.45
355-46-4	Perfluorohexanesulfonic acid	0.25	U	0.25	0.024
1763-23-1	Perfluorooctanesulfonic acid	0.25	U	0.25	0.043
2991-50-6	NEtFOSAA	0.25	U	0.25	0.027
2355-31-9	NMeFOSAA	0.25	U	0.25	0.038
375-92-8	Perfluoroheptanesulfonic acid	0.25	U	0.25	0.025
335-77-3	Perfluorodecanesulfonic acid	0.25	U	0.25	0.026
754-91-6	Perfluorooctanesulfonamide	0.25	U	0.25	0.026
375-22-4	Perfluorobutanoic acid	0.25	U	0.25	0.030
2058-94-8	Perfluoroundecanoic acid	0.25	U	0.25	0.069
307-55-1	Perfluorododecanoic acid	0.25	U	0.25	0.028
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.25	U	0.25	0.061
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.25	U	0.25	0.021
2706-90-3	Perfluoropentanoic acid	0.25	U	0.25	0.030

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-13 (1-4)
Lab Sample ID: 460-260929-10

Matrix: Solid
Lab File ID: 22JUL18-64.d

Analysis Method: 537 (Modified)
Date Collected: 06/27/2022 13:05

Extraction Method: SHAKE
Date Extracted: 07/07/2022 08:17

Sample wt/vol: 10.00(g)
Date Analyzed: 07/18/2022 21:41

Con. Extract Vol.: 20(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 29.9 % Solids: 70.1
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 276615
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.058	J	0.29	0.027
375-85-9	Perfluoroheptanoic acid	0.083	J	0.29	0.034
335-67-1	Perfluorooctanoic acid	0.61		0.29	0.031
375-95-1	Perfluorononanoic acid	0.29	U	0.29	0.033
335-76-2	Perfluorodecanoic acid	0.29	U	0.29	0.034
72629-94-8	Perfluorotridecanoic acid	0.29	U	0.29	0.030
376-06-7	Perfluorotetradecanoic acid	0.29	U	0.29	0.034
375-73-5	Perfluorobutanesulfonic acid	0.57	U	0.57	0.52
355-46-4	Perfluorohexanesulfonic acid	0.027	J	0.29	0.027
1763-23-1	Perfluorooctanesulfonic acid	0.29	U	0.29	0.050
2991-50-6	NEtFOSAA	0.29	U	0.29	0.031
2355-31-9	NMeFOSAA	0.29	U	0.29	0.044
375-92-8	Perfluoroheptanesulfonic acid	0.29	U	0.29	0.029
335-77-3	Perfluorodecanesulfonic acid	0.29	U	0.29	0.030
754-91-6	Perfluorooctanesulfonamide	0.29	U	0.29	0.030
375-22-4	Perfluorobutanoic acid	0.056	J	0.29	0.034
2058-94-8	Perfluoroundecanoic acid	0.29	U	0.29	0.080
307-55-1	Perfluorododecanoic acid	0.29	U	0.29	0.033
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.29	U	0.29	0.070
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.29	U	0.29	0.024
2706-90-3	Perfluoropentanoic acid	0.29	U	0.29	0.034

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

11

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC

Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-12 (1-4)

Lab Sample ID: 460-260929-11

Matrix: Solid

Lab File ID: 22JUL18-67.d

Analysis Method: 537 (Modified)

Date Collected: 06/27/2022 13:20

Extraction Method: SHAKE

Date Extracted: 07/07/2022 08:17

Sample wt/vol: 10.01(g)

Date Analyzed: 07/18/2022 22:14

Con. Extract Vol.: 20(mL)

Dilution Factor: 1

Injection Volume: 3(uL)

GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 11.9 % Solids: 88.1

GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 276615

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.050	J	0.23	0.022
375-85-9	Perfluoroheptanoic acid	0.060	J	0.23	0.027
335-67-1	Perfluorooctanoic acid	0.22	J	0.23	0.025
375-95-1	Perfluorononanoic acid	0.23	U	0.23	0.026
335-76-2	Perfluorodecanoic acid	0.23	U	0.23	0.027
72629-94-8	Perfluorotridecanoic acid	0.23	U	0.23	0.024
376-06-7	Perfluorotetradecanoic acid	0.23	U	0.23	0.027
375-73-5	Perfluorobutanesulfonic acid	0.45	U	0.45	0.41
355-46-4	Perfluorohexanesulfonic acid	0.090	J	0.23	0.022
1763-23-1	Perfluorooctanesulfonic acid	0.23	U	0.23	0.040
2991-50-6	NEtFOSAA	0.23	U	0.23	0.025
2355-31-9	NMeFOSAA	0.23	U	0.23	0.035
375-92-8	Perfluoroheptanesulfonic acid	0.23	U	0.23	0.023
335-77-3	Perfluorodecanesulfonic acid	0.23	U	0.23	0.024
754-91-6	Perfluorooctanesulfonamide	0.23	U	0.23	0.024
375-22-4	Perfluorobutanoic acid	0.029	J	0.23	0.027
2058-94-8	Perfluoroundecanoic acid	0.23	U	0.23	0.064
307-55-1	Perfluorododecanoic acid	0.23	U	0.23	0.026
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.23	U	0.23	0.056
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.23	U	0.23	0.019
2706-90-3	Perfluoropentanoic acid	0.058	J	0.23	0.027

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

12

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-06-N (20.5-22.5)
Lab Sample ID: 460-260929-12

Matrix: Solid
Lab File ID: 22JUL18-68.d

Analysis Method: 537 (Modified)
Date Collected: 06/27/2022 14:40

Extraction Method: SHAKE
Date Extracted: 07/07/2022 08:17

Sample wt/vol: 10.06(g)
Date Analyzed: 07/18/2022 22:26

Con. Extract Vol.: 20(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 10.2 % Solids: 89.8
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 276615
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.22	U	0.22	0.021
375-85-9	Perfluoroheptanoic acid	0.22	U	0.22	0.027
335-67-1	Perfluorooctanoic acid	0.22	U	0.22	0.024
375-95-1	Perfluorononanoic acid	0.22	U	0.22	0.025
335-76-2	Perfluorodecanoic acid	0.22	U	0.22	0.027
72629-94-8	Perfluorotridecanoic acid	0.22	U	0.22	0.023
376-06-7	Perfluorotetradecanoic acid	0.22	U	0.22	0.027
375-73-5	Perfluorobutanesulfonic acid	0.44	U	0.44	0.40
355-46-4	Perfluorohexanesulfonic acid	0.22	U	0.22	0.021
1763-23-1	Perfluorooctanesulfonic acid	0.11	J	0.22	0.039
2991-50-6	NEtFOSAA	0.22	U	0.22	0.024
2355-31-9	NMeFOSAA	0.22	U	0.22	0.034
375-92-8	Perfluoroheptanesulfonic acid	0.22	U	0.22	0.022
335-77-3	Perfluorodecanesulfonic acid	0.22	U	0.22	0.023
754-91-6	Perfluorooctanesulfonamide	0.22	U	0.22	0.023
375-22-4	Perfluorobutanoic acid	0.22	U	0.22	0.027
2058-94-8	Perfluoroundecanoic acid	0.22	U	0.22	0.062
307-55-1	Perfluorododecanoic acid	0.22	U	0.22	0.025
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.22	U	0.22	0.054
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.22	U	0.22	0.019
2706-90-3	Perfluoropentanoic acid	0.22	U	0.22	0.027

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

13

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-06-N (13-15)
Lab Sample ID: 460-260929-13

Matrix: Solid
Lab File ID: 22JUL18-69.d

Analysis Method: 537 (Modified)
Date Collected: 06/27/2022 15:00

Extraction Method: SHAKE
Date Extracted: 07/07/2022 08:17

Sample wt/vol: 10.05(g)
Date Analyzed: 07/18/2022 22:38

Con. Extract Vol.: 20(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 10.8 % Solids: 89.2
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 276615
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.22	U	0.22	0.021
375-85-9	Perfluoroheptanoic acid	0.22	U	0.22	0.027
335-67-1	Perfluorooctanoic acid	0.22	U	0.22	0.025
375-95-1	Perfluorononanoic acid	0.22	U	0.22	0.026
335-76-2	Perfluorodecanoic acid	0.22	U	0.22	0.027
72629-94-8	Perfluorotridecanoic acid	0.22	U	0.22	0.023
376-06-7	Perfluorotetradecanoic acid	0.22	U	0.22	0.027
375-73-5	Perfluorobutanesulfonic acid	0.45	U	0.45	0.40
355-46-4	Perfluorohexanesulfonic acid	0.22	U	0.22	0.021
1763-23-1	Perfluorooctanesulfonic acid	0.15	J	0.22	0.039
2991-50-6	NEtFOSAA	0.22	U	0.22	0.025
2355-31-9	NMeFOSAA	0.22	U	0.22	0.035
375-92-8	Perfluoroheptanesulfonic acid	0.22	U	0.22	0.022
335-77-3	Perfluorodecanesulfonic acid	0.22	U	0.22	0.023
754-91-6	Perfluorooctanesulfonamide	0.22	U	0.22	0.023
375-22-4	Perfluorobutanoic acid	0.22	U	0.22	0.027
2058-94-8	Perfluoroundecanoic acid	0.22	U	0.22	0.062
307-55-1	Perfluorododecanoic acid	0.22	U	0.22	0.026
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.22	U	0.22	0.055
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.22	U	0.22	0.019
2706-90-3	Perfluoropentanoic acid	0.22	U	0.22	0.027

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

14

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC

Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-06-N (1-4)

Lab Sample ID: 460-260929-14

Matrix: Solid

Lab File ID: 22JUL18-70.d

Analysis Method: 537 (Modified)

Date Collected: 06/27/2022 15:05

Extraction Method: SHAKE

Date Extracted: 07/07/2022 08:17

Sample wt/vol: 10.05(g)

Date Analyzed: 07/18/2022 22:49

Con. Extract Vol.: 20(mL)

Dilution Factor: 1

Injection Volume: 3(uL)

GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 11.6 % Solids: 88.4

GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 276615

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.032	J	0.23	0.021
375-85-9	Perfluoroheptanoic acid	0.23	U	0.23	0.027
335-67-1	Perfluorooctanoic acid	0.097	J	0.23	0.025
375-95-1	Perfluorononanoic acid	0.23	U	0.23	0.026
335-76-2	Perfluorodecanoic acid	0.23	U	0.23	0.027
72629-94-8	Perfluorotridecanoic acid	0.23	U	0.23	0.024
376-06-7	Perfluorotetradecanoic acid	0.23	U	0.23	0.027
375-73-5	Perfluorobutanesulfonic acid	0.45	U	0.45	0.41
355-46-4	Perfluorohexanesulfonic acid	0.23	U	0.23	0.021
1763-23-1	Perfluorooctanesulfonic acid	0.23	U	0.23	0.039
2991-50-6	NEtFOSAA	0.23	U	0.23	0.025
2355-31-9	NMeFOSAA	0.23	U	0.23	0.035
375-92-8	Perfluoroheptanesulfonic acid	0.23	U	0.23	0.023
335-77-3	Perfluorodecanesulfonic acid	0.23	U	0.23	0.024
754-91-6	Perfluorooctanesulfonamide	0.23	UJ	0.23	0.024
375-22-4	Perfluorobutanoic acid	0.23	U	0.23	0.027
2058-94-8	Perfluoroundecanoic acid	0.23	U	0.23	0.063
307-55-1	Perfluorododecanoic acid	0.23	U	0.23	0.026
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.23	U	0.23	0.055
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.23	U	0.23	0.019
2706-90-3	Perfluoropentanoic acid	0.23	U	0.23	0.027

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

14

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-06-N (1-4)
Lab Sample ID: 460-260929-14

Matrix: Solid
Lab File ID: 22JUL18-70.d

Analysis Method: 537 (Modified)
Date Collected: 06/27/2022 15:05

Extraction Method: SHAKE
Date Extracted: 07/07/2022 08:17

Sample wt/vol: 10.05(g)
Date Analyzed: 07/18/2022 22:49

Con. Extract Vol.: 20(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 11.6 % Solids: 88.4
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 276615
Units: ug/Kg

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL02280	M2-8:2 FTS	106		15-200
STL02279	M2-6:2 FTS	124		10-200
STL02577	13C5 PFHxA	105		10-174
STL01892	13C4 PFHpA	108		10-178
STL01052	13C8 PFOA	105		26-159
STL02578	13C9 PFNA	109		26-165
STL02579	13C6 PFDA	102		26-161
STL02580	13C7 PFUnA	104		12-173
STL02703	13C2-PFDoDA	101		11-166
STL02116	13C2 PFTeDA	89		10-169
STL02337	13C3 PFBS	118		27-179
STL02581	13C3 PFHxS	113		24-171
STL01054	13C8 PFOS	113		41-154
STL02118	d3-NMeFOSAA	15		10-178
STL02117	d5-NEtFOSAA	16		10-193
STL01056	13C8 FOSA	13	*	14-163
STL00992	13C4 PFBA	96		28-153
STL01893	13C5 PFPeA	101		24-161

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

1HRE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-06-N (1-4) RE
Lab Sample ID: 460-260929-14 RE

Matrix: Solid
Lab File ID: 22JUL25-50.d

Analysis Method: 537 (Modified)
Date Collected: 06/27/2022 15:05

Extraction Method: SHAKE
Date Extracted: 07/20/2022 20:49

Sample wt/vol: 9.99(g)
Date Analyzed: 07/25/2022 15:07

Con. Extract Vol.: 20(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 11.6 % Solids: 88.4
GPC Cleanup:(Y/N) N

use original

Cleanup Factor:

Analysis Batch No.: 279063
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.029	J H J	0.23	0.022
375-85-9	Perfluoroheptanoic acid	0.23	U H UJ	0.23	0.027
335-67-1	Perfluorooctanoic acid	0.19	J H J	0.23	0.025
375-95-1	Perfluorononanoic acid	0.23	U H UJ	0.23	0.026
335-76-2	Perfluorodecanoic acid	0.23	U H	0.23	0.027
72629-94-8	Perfluorotridecanoic acid	0.23	U H	0.23	0.024
376-06-7	Perfluorotetradecanoic acid	0.23	U H	0.23	0.027
375-73-5	Perfluorobutanesulfonic acid	0.45	U H	0.45	0.41
355-46-4	Perfluorohexanesulfonic acid	0.23	U H	0.23	0.022
1763-23-1	Perfluorooctanesulfonic acid	0.069	J H J	0.23	0.040
2991-50-6	NEtFOSAA	0.23	U H UJ	0.23	0.025
2355-31-9	NMeFOSAA	0.23	U H	0.23	0.035
375-92-8	Perfluoroheptanesulfonic acid	0.23	U H	0.23	0.023
335-77-3	Perfluorodecanesulfonic acid	0.23	U H	0.23	0.024
754-91-6	Perfluorooctanesulfonamide	0.23	U H	0.23	0.024
375-22-4	Perfluorobutanoic acid	0.23	U H	0.23	0.027
2058-94-8	Perfluoroundecanoic acid	0.23	U H	0.23	0.063
307-55-1	Perfluorododecanoic acid	0.23	U H	0.23	0.026
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.23	U H	0.23	0.056
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.23	U H	0.23	0.019
2706-90-3	Perfluoropentanoic acid	0.23	U H	0.23	0.027

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

15

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC

Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-16 (1-3)

Lab Sample ID: 460-260974-1

Matrix: Solid

Lab File ID: 22JUL15-70.d

Analysis Method: 537 (Modified)

Date Collected: 06/28/2022 10:15

Extraction Method: SHAKE

Date Extracted: 07/07/2022 10:33

Sample wt/vol: 10.04(g)

Date Analyzed: 07/15/2022 19:48

Con. Extract Vol.: 20(mL)

Dilution Factor: 1

Injection Volume: 3(uL)

GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 10.8 % Solids: 89.2

GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 275846

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.023	J	0.22	0.021
375-85-9	Perfluoroheptanoic acid	0.22	U	0.22	0.027
335-67-1	Perfluorooctanoic acid	0.096	J	0.22	0.025
375-95-1	Perfluorononanoic acid	0.22	U	0.22	0.026
335-76-2	Perfluorodecanoic acid	0.22	U	0.22	0.027
72629-94-8	Perfluorotridecanoic acid	0.22	U	0.22	0.023
376-06-7	Perfluorotetradecanoic acid	0.22	U	0.22	0.027
375-73-5	Perfluorobutanesulfonic acid	0.45	U	0.45	0.40
355-46-4	Perfluorohexanesulfonic acid	0.22	U	0.22	0.021
1763-23-1	Perfluorooctanesulfonic acid	0.053	J	0.22	0.039
2991-50-6	NEtFOSAA	0.22	U	0.22	0.025
2355-31-9	NMeFOSAA	0.22	U	0.22	0.035
375-92-8	Perfluoroheptanesulfonic acid	0.22	U	0.22	0.022
335-77-3	Perfluorodecanesulfonic acid	0.22	U	0.22	0.023
754-91-6	Perfluorooctanesulfonamide	0.22	U	0.22	0.023
375-22-4	Perfluorobutanoic acid	0.22	U	0.22	0.027
2058-94-8	Perfluoroundecanoic acid	0.22	U	0.22	0.063
307-55-1	Perfluorododecanoic acid	0.22	U	0.22	0.026
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.22	U	0.22	0.055
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.22	U	0.22	0.019
2706-90-3	Perfluoropentanoic acid	0.22	U	0.22	0.027

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

16

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-17 (1-2)
Lab Sample ID: 460-260974-2

Matrix: Solid
Lab File ID: 22JUL20-08.d

Analysis Method: 537 (Modified)
Date Collected: 06/28/2022 08:45

Extraction Method: SHAKE
Date Extracted: 07/07/2022 10:33

Sample wt/vol: 10.02(g)
Date Analyzed: 07/20/2022 13:02

Con. Extract Vol.: 20(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 12.0 % Solids: 88.0
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 277554
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.043	J	0.23	0.022
375-85-9	Perfluoroheptanoic acid	0.045	J	0.23	0.027
335-67-1	Perfluorooctanoic acid	0.22	J	0.23	0.025
375-95-1	Perfluorononanoic acid	0.23	U	0.23	0.026
335-76-2	Perfluorodecanoic acid	0.23	U	0.23	0.027
72629-94-8	Perfluorotridecanoic acid	0.23	U	0.23	0.024
376-06-7	Perfluorotetradecanoic acid	0.23	U	0.23	0.027
375-73-5	Perfluorobutanesulfonic acid	0.45	U	0.45	0.41
355-46-4	Perfluorohexanesulfonic acid	0.23	U	0.23	0.022
1763-23-1	Perfluorooctanesulfonic acid	1.14		0.23	0.040
2991-50-6	NEtFOSAA	0.030	J	0.23	0.025
2355-31-9	NMeFOSAA	0.23	U	0.23	0.035
375-92-8	Perfluoroheptanesulfonic acid	0.23	U	0.23	0.023
335-77-3	Perfluorodecanesulfonic acid	0.23	U	0.23	0.024
754-91-6	Perfluorooctanesulfonamide	0.23	U	0.23	0.024
375-22-4	Perfluorobutanoic acid	0.23	U	0.23	0.027
2058-94-8	Perfluoroundecanoic acid	0.23	U	0.23	0.064
307-55-1	Perfluorododecanoic acid	0.23	U	0.23	0.026
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.23	U	0.23	0.056
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.23	U	0.23	0.019
2706-90-3	Perfluoropentanoic acid	0.030	J	0.23	0.027

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-EB-02
Lab Sample ID: 460-260974-3

Matrix: Water
Lab File ID: 22JUL20-41.d

Analysis Method: 537 IDA
Date Collected: 06/28/2022 10:45

Extraction Method: 537 IDA
Date Extracted: 07/09/2022 09:36

Sample wt/vol: 283.9(mL)
Date Analyzed: 07/21/2022 07:16

Con. Extract Vol.: 1(mL)
Dilution Factor: 1

Injection Volume: 4(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture:
% Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 277797
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	1.76	U	1.76	0.44
375-85-9	Perfluoroheptanoic acid	1.76	U	1.76	0.44
335-67-1	Perfluorooctanoic acid	1.76	U	1.76	0.44
375-95-1	Perfluorononanoic acid	1.76	U	1.76	0.44
335-76-2	Perfluorodecanoic acid	1.76	U	1.76	0.44
72629-94-8	Perfluorotridecanoic acid	1.76	U	1.76	0.44
376-06-7	Perfluorotetradecanoic acid	1.76	U	1.76	0.44
375-73-5	Perfluorobutanesulfonic acid	1.76	U	1.76	0.44
355-46-4	Perfluorohexanesulfonic acid	1.76	U	1.76	0.44
1763-23-1	Perfluorooctanesulfonic acid	1.76	U	1.76	0.44
2991-50-6	NEtFOSAA	2.64	U	2.64	0.44
2355-31-9	NMeFOSAA	1.76	U	1.76	0.53
375-92-8	Perfluoroheptanesulfonic acid	1.76	U	1.76	0.44
335-77-3	Perfluorodecanesulfonic acid	1.76	U	1.76	0.44
754-91-6	Perfluorooctanesulfonamide	1.76	U	1.76	0.44
375-22-4	Perfluorobutanoic acid	4.40	U	4.40	1.76
2058-94-8	Perfluoroundecanoic acid	1.76	U	1.76	0.44
307-55-1	Perfluorododecanoic acid	1.76	U	1.76	0.44
27619-97-2	6:2 Fluorotelomer sulfonic acid	4.40	U	4.40	1.76
39108-34-4	8:2 Fluorotelomer sulfonic acid	2.64	U	2.64	0.88
2706-90-3	Perfluoropentanoic acid	1.76	U	1.76	0.44

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

18

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC

Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-06-W (1-4)

Lab Sample ID: 460-260974-4

Matrix: Solid

Lab File ID: 22JUL11-82.d

Analysis Method: 537 (Modified)

Date Collected: 06/28/2022 11:50

Extraction Method: SHAKE

Date Extracted: 06/30/2022 08:11

Sample wt/vol: 10.01(g)

Date Analyzed: 07/12/2022 04:05

Con. Extract Vol.: 20(mL)

Dilution Factor: 1

Injection Volume: 3(uL)

GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 13.2 % Solids: 86.8

GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 274185

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.065	J	0.23	0.022
375-85-9	Perfluoroheptanoic acid	0.054	J	0.23	0.028
335-67-1	Perfluorooctanoic acid	0.41		0.23	0.025
375-95-1	Perfluorononanoic acid	0.23	U	0.23	0.026
335-76-2	Perfluorodecanoic acid	0.23	U	0.23	0.028
72629-94-8	Perfluorotridecanoic acid	0.23	U	0.23	0.024
376-06-7	Perfluorotetradecanoic acid	0.23	U	0.23	0.028
375-73-5	Perfluorobutanesulfonic acid	0.46	U	0.46	0.42
355-46-4	Perfluorohexanesulfonic acid	0.080	J	0.23	0.022
1763-23-1	Perfluorooctanesulfonic acid	0.074	J	0.23	0.040
2991-50-6	NEtFOSAA	0.23	U	0.23	0.025
2355-31-9	NMeFOSAA	0.23	U	0.23	0.036
375-92-8	Perfluoroheptanesulfonic acid	0.23	U	0.23	0.023
335-77-3	Perfluorodecanesulfonic acid	0.23	U	0.23	0.024
754-91-6	Perfluorooctanesulfonamide	0.23	U	0.23	0.024
375-22-4	Perfluorobutanoic acid	0.049	J	0.23	0.028
2058-94-8	Perfluoroundecanoic acid	0.23	U	0.23	0.064
307-55-1	Perfluorododecanoic acid	0.23	U	0.23	0.026
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.23	U	0.23	0.056
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.23	U	0.23	0.020
2706-90-3	Perfluoropentanoic acid	0.048	J	0.23	0.028

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-06-W (20-22)
Lab Sample ID: 460-260974-5

Matrix: Solid
Lab File ID: 22JUL11-83.d

Analysis Method: 537 (Modified)
Date Collected: 06/28/2022 12:00

Extraction Method: SHAKE
Date Extracted: 06/30/2022 08:11

Sample wt/vol: 10.06(g)
Date Analyzed: 07/12/2022 04:16

Con. Extract Vol.: 20(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 19.8 % Solids: 80.2
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 274185
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.034	J	0.25	0.024
375-85-9	Perfluoroheptanoic acid	0.25	U	0.25	0.030
335-67-1	Perfluorooctanoic acid	0.25	U	0.25	0.027
375-95-1	Perfluorononanoic acid	0.040	J	0.25	0.029
335-76-2	Perfluorodecanoic acid	0.061	J	0.25	0.030
72629-94-8	Perfluorotridecanoic acid	0.25	U	0.25	0.026
376-06-7	Perfluorotetradecanoic acid	0.25	U	0.25	0.030
375-73-5	Perfluorobutanesulfonic acid	0.50	U	0.50	0.45
355-46-4	Perfluorohexanesulfonic acid	0.25	U	0.25	0.024
1763-23-1	Perfluorooctanesulfonic acid	2.36		0.25	0.043
2991-50-6	NEtFOSAA	0.25	U	0.25	0.027
2355-31-9	NMeFOSAA	0.25	U	0.25	0.038
375-92-8	Perfluoroheptanesulfonic acid	0.25	U	0.25	0.025
335-77-3	Perfluorodecanesulfonic acid	0.25	U	0.25	0.026
754-91-6	Perfluorooctanesulfonamide	0.25	~~U~~ R	0.25	0.026
375-22-4	Perfluorobutanoic acid	0.042	J	0.25	0.030
2058-94-8	Perfluoroundecanoic acid	0.25	U	0.25	0.069
307-55-1	Perfluorododecanoic acid	0.25	U	0.25	0.029
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.25	U	0.25	0.061
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.25	U	0.25	0.021
2706-90-3	Perfluoropentanoic acid	0.25	U	0.25	0.030

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

19

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC

Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-06-W (20-22)

Lab Sample ID: 460-260974-5

Matrix: Solid

Lab File ID: 22JUL11-83.d

Analysis Method: 537 (Modified)

Date Collected: 06/28/2022 12:00

Extraction Method: SHAKE

Date Extracted: 06/30/2022 08:11

Sample wt/vol: 10.06(g)

Date Analyzed: 07/12/2022 04:16

Con. Extract Vol.: 20(mL)

Dilution Factor: 1

Injection Volume: 3(uL)

GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 19.8 % Solids: 80.2

GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 274185

Units: ug/Kg

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL02280	M2-8:2 FTS	163		15-200
STL02279	M2-6:2 FTS	182		10-200
STL02577	13C5 PFHxA	131		10-174
STL01892	13C4 PFHpA	136		10-178
STL01052	13C8 PFOA	132		26-159
STL02578	13C9 PFNA	128		26-165
STL02579	13C6 PFDA	126		26-161
STL02580	13C7 PFUnA	131		12-173
STL02703	13C2-PFDoDA	115		11-166
STL02116	13C2 PFTeDA	113		10-169
STL02337	13C3 PFBS	120		27-179
STL02581	13C3 PFHxS	125		24-171
STL01054	13C8 PFOS	125		41-154
STL02118	d3-NMeFOSAA	67		10-178
STL02117	d5-NEtFOSAA	70		10-193
STL01056	13C8 FOSA	3	*	14-163
STL00992	13C4 PFBA	128		28-153
STL01893	13C5 PFPeA	124		24-161

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

19RE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-06-W (20-22) RE
Lab Sample ID: 460-260974-5 RE

Matrix: Solid
Lab File ID: 22JUL25-36.d

Analysis Method: 537 (Modified)
Date Collected: 06/28/2022 12:00

Extraction Method: SHAKE
Date Extracted: 07/14/2022 16:55

Sample wt/vol: 10.02(g)
Date Analyzed: 07/25/2022 12:32

Con. Extract Vol.: 20(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 19.8 % Solids: 80.2
GPC Cleanup: (Y/N) N

use original

Cleanup Factor:

Analysis Batch No.: 279063
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q		RL	MDL
307-24-4	Perfluorohexanoic acid	0.25	U	H UJ	0.25	0.024
375-85-9	Perfluoroheptanoic acid	0.25	U	H	0.25	0.030
335-67-1	Perfluorooctanoic acid	0.25	U	H	0.25	0.027
375-95-1	Perfluorononanoic acid	0.041	J	H J	0.25	0.029
335-76-2	Perfluorodecanoic acid	0.065	J	H J	0.25	0.030
72629-94-8	Perfluorotridecanoic acid	0.25	U	H UJ	0.25	0.026
376-06-7	Perfluorotetradecanoic acid	0.25	U	H	0.25	0.030
375-73-5	Perfluorobutanesulfonic acid	0.50	U	H	0.50	0.45
355-46-4	Perfluorohexanesulfonic acid	0.25	U	H	0.25	0.024
1763-23-1	Perfluorooctanesulfonic acid	2.39		H J	0.25	0.044
2991-50-6	NEtFOSAA	0.25	U	H UJ	0.25	0.027
2355-31-9	NMeFOSAA	0.25	U	H	0.25	0.039
375-92-8	Perfluoroheptanesulfonic acid	0.25	U	H	0.25	0.025
335-77-3	Perfluorodecanesulfonic acid	0.25	U	H	0.25	0.026
754-91-6	Perfluorooctanesulfonamide	0.25	U	H R	0.25	0.026
375-22-4	Perfluorobutanoic acid	0.25	U	H UJ	0.25	0.030
2058-94-8	Perfluoroundecanoic acid	0.25	U	H	0.25	0.070
307-55-1	Perfluorododecanoic acid	0.25	U	H	0.25	0.029
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.25	U	H	0.25	0.061
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.25	U	H	0.25	0.021
2706-90-3	Perfluoropentanoic acid	0.25	U	H	0.25	0.030

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

19RE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-06-W (20-22) RE
Lab Sample ID: 460-260974-5 RE

Matrix: Solid
Lab File ID: 22JUL25-36.d

Analysis Method: 537 (Modified)
Date Collected: 06/28/2022 12:00

Extraction Method: SHAKE
Date Extracted: 07/14/2022 16:55

Sample wt/vol: 10.02(g)
Date Analyzed: 07/25/2022 12:32

Con. Extract Vol.: 20(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 19.8 % Solids: 80.2
GPC Cleanup:(Y/N) N

use original

Cleanup Factor:

Analysis Batch No.: 279063
Units: ug/Kg

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL02280	M2-8:2 FTS	108		15-200
STL02279	M2-6:2 FTS	127		10-200
STL02577	13C5 PFHxA	86		10-174
STL01892	13C4 PFHpA	83		10-178
STL01052	13C8 PFOA	85		26-159
STL02578	13C9 PFNA	106		26-165
STL02579	13C6 PFDA	84		26-161
STL02580	13C7 PFUnA	91		12-173
STL02703	13C2-PFDoDA	79		11-166
STL02116	13C2 PFTeDA	81		10-169
STL02337	13C3 PFBS	90		27-179
STL02581	13C3 PFHxS	84		24-171
STL01054	13C8 PFOS	91		41-154
STL02118	d3-NMeFOSAA	30		10-178
STL02117	d5-NEtFOSAA	35		10-193
STL01056	13C8 FOSA	8	✓	14-163
STL00992	13C4 PFBA	85		28-153
STL01893	13C5 PFPeA	80		24-161

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

20

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC

Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-06-E (1-3)

Lab Sample ID: 460-260974-6

Matrix: Solid

Lab File ID: 22JUL11-85.d

Analysis Method: 537 (Modified)

Date Collected: 06/28/2022 13:40

Extraction Method: SHAKE

Date Extracted: 06/30/2022 08:11

Sample wt/vol: 10.07(g)

Date Analyzed: 07/12/2022 04:40

Con. Extract Vol.: 20(mL)

Dilution Factor: 1

Injection Volume: 3(uL)

GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 12.3 % Solids: 87.7

GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 274185

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.078	J	0.23	0.022
375-85-9	Perfluoroheptanoic acid	0.038	J	0.23	0.027
335-67-1	Perfluorooctanoic acid	0.080	J	0.23	0.025
375-95-1	Perfluorononanoic acid	0.032	J	0.23	0.026
335-76-2	Perfluorodecanoic acid	0.098	J	0.23	0.027
72629-94-8	Perfluorotridecanoic acid	0.23	U	0.23	0.024
376-06-7	Perfluorotetradecanoic acid	0.23	U	0.23	0.027
375-73-5	Perfluorobutanesulfonic acid	0.45	U	0.45	0.41
355-46-4	Perfluorohexanesulfonic acid	0.23	U	0.23	0.022
1763-23-1	Perfluorooctanesulfonic acid	1.62		0.23	0.040
2991-50-6	NEtFOSAA	0.026	J	0.23	0.025
2355-31-9	NMeFOSAA	0.23	U	0.23	0.035
375-92-8	Perfluoroheptanesulfonic acid	0.23	U	0.23	0.023
335-77-3	Perfluorodecanesulfonic acid	0.084	J	0.23	0.024
754-91-6	Perfluorooctanesulfonamide	0.23	U	0.23	0.024
375-22-4	Perfluorobutanoic acid	0.067	J	0.23	0.027
2058-94-8	Perfluoroundecanoic acid	0.23	U	0.23	0.063
307-55-1	Perfluorododecanoic acid	0.026	J	0.23	0.026
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.23	U	0.23	0.055
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.23	U	0.23	0.019
2706-90-3	Perfluoropentanoic acid	0.073	J	0.23	0.027

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

21

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC

Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-14 (1-4)

Lab Sample ID: 460-261083-1

Matrix: Solid

Lab File ID: 22JUL15-83.d

Analysis Method: 537 (Modified)

Date Collected: 06/29/2022 10:37

Extraction Method: SHAKE

Date Extracted: 07/07/2022 10:33

Sample wt/vol: 10.02(g)

Date Analyzed: 07/15/2022 22:15

Con. Extract Vol.: 20(mL)

Dilution Factor: 1

Injection Volume: 3(uL)

GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 12.6 % Solids: 87.4

GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 275846

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.049	J	0.23	0.022
375-85-9	Perfluoroheptanoic acid	0.036	J	0.23	0.027
335-67-1	Perfluorooctanoic acid	0.33		0.23	0.025
375-95-1	Perfluorononanoic acid	0.042	J	0.23	0.026
335-76-2	Perfluorodecanoic acid	0.23	U	0.23	0.027
72629-94-8	Perfluorotridecanoic acid	0.23	U	0.23	0.024
376-06-7	Perfluorotetradecanoic acid	0.23	U	0.23	0.027
375-73-5	Perfluorobutanesulfonic acid	0.46	U	0.46	0.41
355-46-4	Perfluorohexanesulfonic acid	0.052	J	0.23	0.022
1763-23-1	Perfluorooctanesulfonic acid	1.11		0.23	0.040
2991-50-6	NEtFOSAA	0.23	U	0.23	0.025
2355-31-9	NMeFOSAA	0.23	U	0.23	0.035
375-92-8	Perfluoroheptanesulfonic acid	0.23	U	0.23	0.023
335-77-3	Perfluorodecanesulfonic acid	0.23	U	0.23	0.024
754-91-6	Perfluorooctanesulfonamide	0.23	U	0.23	0.024
375-22-4	Perfluorobutanoic acid	0.23	U	0.23	0.027
2058-94-8	Perfluoroundecanoic acid	0.23	U	0.23	0.064
307-55-1	Perfluorododecanoic acid	0.23	U	0.23	0.026
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.23	U	0.23	0.056
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.23	U	0.23	0.019
2706-90-3	Perfluoropentanoic acid	0.16	J	0.23	0.027

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

22

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC

Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-SB-14 (12-15)

Lab Sample ID: 460-261083-2

Matrix: Solid

Lab File ID: 22JUL15-84.d

Analysis Method: 537 (Modified)

Date Collected: 06/29/2022 11:35

Extraction Method: SHAKE

Date Extracted: 07/07/2022 10:33

Sample wt/vol: 10.02(g)

Date Analyzed: 07/15/2022 22:27

Con. Extract Vol.: 20(mL)

Dilution Factor: 1

Injection Volume: 3(uL)

GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 9.1 % Solids: 90.9

GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 275846

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.22	U	0.22	0.021
375-85-9	Perfluoroheptanoic acid	0.22	U	0.22	0.026
335-67-1	Perfluorooctanoic acid	0.033	J	0.22	0.024
375-95-1	Perfluorononanoic acid	0.22	U	0.22	0.025
335-76-2	Perfluorodecanoic acid	0.22	U	0.22	0.026
72629-94-8	Perfluorotridecanoic acid	0.22	U	0.22	0.023
376-06-7	Perfluorotetradecanoic acid	0.22	U	0.22	0.026
375-73-5	Perfluorobutanesulfonic acid	0.44	U	0.44	0.40
355-46-4	Perfluorohexanesulfonic acid	0.22	U	0.22	0.021
1763-23-1	Perfluorooctanesulfonic acid	0.46		0.22	0.038
2991-50-6	NEtFOSAA	0.22	U	0.22	0.024
2355-31-9	NMeFOSAA	0.22	U	0.22	0.034
375-92-8	Perfluoroheptanesulfonic acid	0.22	U	0.22	0.022
335-77-3	Perfluorodecanesulfonic acid	0.22	U	0.22	0.023
754-91-6	Perfluorooctanesulfonamide	0.22	U	0.22	0.023
375-22-4	Perfluorobutanoic acid	0.22	U	0.22	0.026
2058-94-8	Perfluoroundecanoic acid	0.22	U	0.22	0.061
307-55-1	Perfluorododecanoic acid	0.22	U	0.22	0.025
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.22	U	0.22	0.054
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.22	U	0.22	0.019
2706-90-3	Perfluoropentanoic acid	0.22	U	0.22	0.026

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

23

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC

Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-DUP-02

Lab Sample ID: 460-261083-3

Matrix: Solid

Lab File ID: 22JUL15-85.d

Analysis Method: 537 (Modified)

Date Collected: 06/29/2022 11:40

Extraction Method: SHAKE

Date Extracted: 07/07/2022 10:33

Sample wt/vol: 10.06(g)

Date Analyzed: 07/15/2022 22:38

Con. Extract Vol.: 20(mL)

Dilution Factor: 1

Injection Volume: 3(uL)

GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 8.5 % Solids: 91.5

GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 275846

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.22	U	0.22	0.021
375-85-9	Perfluoroheptanoic acid	0.22	U	0.22	0.026
335-67-1	Perfluorooctanoic acid	0.036	J	0.22	0.024
375-95-1	Perfluorononanoic acid	0.22	U	0.22	0.025
335-76-2	Perfluorodecanoic acid	0.22	U	0.22	0.026
72629-94-8	Perfluorotridecanoic acid	0.22	U	0.22	0.023
376-06-7	Perfluorotetradecanoic acid	0.22	U	0.22	0.026
375-73-5	Perfluorobutanesulfonic acid	0.43	U	0.43	0.39
355-46-4	Perfluorohexanesulfonic acid	0.22	U	0.22	0.021
1763-23-1	Perfluorooctanesulfonic acid	0.43		0.22	0.038
2991-50-6	NEtFOSAA	0.22	U	0.22	0.024
2355-31-9	NMeFOSAA	0.22	U	0.22	0.034
375-92-8	Perfluoroheptanesulfonic acid	0.22	U	0.22	0.022
335-77-3	Perfluorodecanesulfonic acid	0.22	U	0.22	0.023
754-91-6	Perfluorooctanesulfonamide	0.22	U	0.22	0.023
375-22-4	Perfluorobutanoic acid	0.22	U	0.22	0.026
2058-94-8	Perfluoroundecanoic acid	0.22	U	0.22	0.061
307-55-1	Perfluorododecanoic acid	0.22	U	0.22	0.025
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.22	U	0.22	0.053
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.22	U	0.22	0.018
2706-90-3	Perfluoropentanoic acid	0.22	U	0.22	0.026

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

24

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC

Job No.: 460-260929-1

SDG No.:

Client Sample ID: TRC-EB-03

Lab Sample ID: 460-261083-4

Matrix: Water

Lab File ID: 22JUL18-28.d

Analysis Method: 537 IDA

Date Collected: 06/29/2022 12:05

Extraction Method: 537 IDA

Date Extracted: 07/12/2022 08:05

Sample wt/vol: 282.9(mL)

Date Analyzed: 07/18/2022 15:58

Con. Extract Vol.: 1(mL)

Dilution Factor: 1

Injection Volume: 2(uL)

GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: % Solids:

GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 276627

Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	1.77	U	1.77	0.44
375-85-9	Perfluoroheptanoic acid	1.77	U	1.77	0.44
335-67-1	Perfluorooctanoic acid	1.77	U	1.77	0.44
375-95-1	Perfluorononanoic acid	1.77	U	1.77	0.44
335-76-2	Perfluorodecanoic acid	1.77	U	1.77	0.44
72629-94-8	Perfluorotridecanoic acid	1.77	U	1.77	0.44
376-06-7	Perfluorotetradecanoic acid	1.77	U	1.77	0.44
375-73-5	Perfluorobutanesulfonic acid	1.77	U	1.77	0.44
355-46-4	Perfluorohexanesulfonic acid	1.77	U	1.77	0.44
1763-23-1	Perfluorooctanesulfonic acid	1.77	U	1.77	0.44
2991-50-6	NEtFOSAA	2.65	U	2.65	0.44
2355-31-9	NMeFOSAA	1.77	U	1.77	0.53
375-92-8	Perfluoroheptanesulfonic acid	1.77	U	1.77	0.44
335-77-3	Perfluorodecanesulfonic acid	1.77	U	1.77	0.44
754-91-6	Perfluorooctanesulfonamide	1.77	U	1.77	0.44
375-22-4	Perfluorobutanoic acid	4.42	U	4.42	1.77
2058-94-8	Perfluoroundecanoic acid	1.77	U	1.77	0.44
307-55-1	Perfluorododecanoic acid	1.77	U	1.77	0.44
27619-97-2	6:2 Fluorotelomer sulfonic acid	4.42	U	4.42	1.77
39108-34-4	8:2 Fluorotelomer sulfonic acid	2.65	U	2.65	0.88
2706-90-3	Perfluoropentanoic acid	1.77	U	1.77	0.44

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
NYSCA-PROPOSED PUBLIC SCHOOL K20F, NEW YORK

Client: TRC Engineering, Inc., New York, New York
SDG: 460-260931-1
Laboratory: Eurofins Test America, Edison, New Jersey
Site: NYSCA-Proposed Public School K20F, New York
Date: August 11, 2022

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	TRC-SB-20 (1-4)	460-260931-1	Soil
1MS†	TRC-SB-20 (1-4)MS	460-260931-1MS	Soil
1MSD†	TRC-SB-20 (1-4)MSD	460-260931-1MSD	Soil
2	TRC-SB-20 (12-15)	460-260931-2	Soil
2MS^	TRC-SB-20 (12-15)MS	460-260931-2MS	Soil
2MSD^	TRC-SB-20 (12-15)MSD	460-260931-2MSD	Soil
3	TRC-SB-19 (1-4)	460-260931-3	Soil
4	TRC-SB-19 (12-15)	460-260931-4	Soil
5	TRC-SB-19 (22.5-24.5)	460-260931-5	Soil
6	TRC-SB-18 (1-4)	460-260931-6	Soil
7	TRC-SB-18 (12-15)	460-260931-7	Soil
8	TRC-DUP-01	460-260931-8	Soil
9	TRC-SB-13 (1-4)	460-260931-9	Soil
10	TRC-SB-12 (1-4)	460-260931-10	Soil
11*	TRC-EB-01	460-260931-11	Soil
12	TRC-SB-06-N (20.5-22.5)	460-260931-12	Soil
12MSα	TRC-SB-06-N (20.5-22.5)MS	460-260931-12MS	Soil
12MSDα	TRC-SB-06-N (20.5-22.5)MSD	460-260931-12MSD	Soil
13	TRC-SB-06-N (13-15)	460-260931-13	Soil
13MSγ	TRC-SB-06-N (13-15)MS	460-260931-13MS	Soil
14	TRC-SB-06-N (1-4)	460-260931-14	Soil
15	TRC-SB-16 (1-3)	460-260996-1	Soil
15MSα	TRC-SB-16 (1-3)MS	460-260996-1MS	Soil
15MSDα	TRC-SB-16 (1-3)MSD	460-260996-1MSD	Soil
16	TRC-SB-17 (1-2)	460-260996-2	Soil
17*	TRC-EB-02	460-260996-3	Soil
18	TRC-SB-06-W (1-4)	460-260996-4	Soil
19	TRC-SB-06-W (20-22)	460-260996-5	Soil
20	TRC-SB-06-E (1-3)	460-260996-6	Soil
20MSβ	TRC-SB-06-E (1-3)MS	460-260996-6MS	Soil
21	TRC-SB-14 (1-4)	460-261082-1	Soil
22	TRC-SB-14 (12-15)	460-261082-2	Soil
22MS+	TRC-SB-14 (12-15)MS	460-261082-2MS	Soil
22MSD+	TRC-SB-14 (12-15)MSD	460-261082-2MSD	Soil
23	TRC-DUP-02	460-261082-3	Soil
24**	TRC-EB-03	460-261082-4	Soil
24MSα	TRC-EB-03MS	460-261082-4MS	Soil
24MSDα	TRC-EB-03MSD	460-261082-4MSD	Soil

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
25*	TRC-SB-19-N (22.5-24.5)	460-261270-1	Soil
25MS+	TRC-SB-19-N (22.5-24.5)MS	460-261270-1MS	Soil
25MSD+	TRC-SB-19-N (22.5-24.5)MSD	460-261270-1MSD	Soil
26*	TRC-SB-19-W (18.5-20.0)	460-261270-2	Soil
27*	TRC-SB-19-W (26-28)	460-261270-3	Soil
28*	TRC-SB-19-S (23-25)	460-261270-4	Soil
29*	TRC-SB-19-E (18-20)	460-261270-5	Soil
30**	TRC-EB-04	460-261270-6	Soil
31*	TRC-SB-19-E (22-24)	460-261270-7	Soil

* - VOC & SVOC only ** - Includes 1,4-Dioxane + - SVOC only ^ - Herbicides only
† - Pesticides & Cyanide only α - Cyanide only β - Metals only γ - Mercury only

A Data Usability Summary Review was performed on the analytical data for twenty-seven soil samples and four aqueous equipment blank samples collected on June 27-July 1, 2022 by TRC at the NYSCA-Proposed Public School K20F in New York. The samples were analyzed under the "Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260D
SVOC	USEPA SW-846 Method 8270E
1,4-Dioxane	USEPA SW-846 Method 8270E-SIM
Pesticides	USEPA SW-846 Method 8081B
PCB	USEPA SW-846 Method 8082A
Herbicides	USEPA SW-846 Method 8151A
Metals/Hg	USEPA SW-846 Methods 6020B/7470A/7471B
Cyanide	USEPA SW-846 Method 9012B

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-33A, Revision 1, September 2016: Low/Medium Volatile Data Validation;
- SOP Number HW-35A, Revision 1, September 2016: Semivolatile Data Validation;
- SOP Number HW-36A, Revision 1, October 2016: Pesticide Data Validation;
- SOP Number HW-37A, Revision 0, June 2015: Polychlorinated Biphenyl (PCB) Aroclor Data Validation;
- SOP Number HW-17, Revision 3.1, December 2010: Chlorinated Herbicide Data Validation;
- SOP Number HW-3a, Revision 1, September 2016: ICP-AES Data Validation;
- SOP Number HW-3b, Revision 1, September 2016: ICP-MS Data Validation;
- SOP Number HW-3c, Revision 1, September 2016: Mercury and Cyanide Data Validation;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Holding times and sample preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tuning
- Initial and continuing calibration summaries
- Method blank and field blank contamination
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Internal standard area and retention time summary forms
- Target Compound Identification
- Compound Quantitation
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

Inorganics

- Holding times and sample preservation
- Initial and continuing calibration verifications
- Method blank and field blank contamination
- ICP Interference Check Sample
- Laboratory Control Sample (LCS) recoveries
- Matrix Spike Analysis
- Duplicate Sample Analysis
- ICP Serial Dilution
- Compound Quantitation
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOC)

Holding Times

- All samples were analyzed within 14 days for preserved water and soil samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) criteria and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
06/29/22 (0633)	Bromomethane	45.0%	UJ	11
	Chloroethane	33.6%	UJ	
	Bromoform	25.8%	UJ	
06/29/22 (0819)	Toluene	23.3%	UJ	2-4, 6-8, 14
	trans-1,3-Dichloropropene	28.0%	UJ	
	Styrene	20.8%	UJ	
06/29/22 (1908)	Styrene	20.2%	UJ	1, 9, 10, 12, 15, 16, 18-20
07/05/22 (1755)	Bromomethane	61.3%	UJ	24, 30
	Chloroethane	32.6%	UJ	

Method Blank

- The following table lists method blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations of methylene chloride, 2-butanone, toluene or acetone (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds, an action level of five times (5x) the highest associated blank concentration is used.

Sample ID	Compound	Conc. mg/kg	Qualifier	Affected Samples
LB3 460-853337/1-A	Methylene Chloride	0.00195	U	29, 31

Field Blank

- The following table lists field QC samples with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations of acetone, 2-butanone and methylene chloride (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds, an action level of five times (5x) the highest associated blank concentration is used.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-01	Methylene Chloride	0.52	None	All Associated ND
TRC-EB-02	Methylene Chloride	0.34	None	All Associated ND
TRC-EB-03	None - ND	-	-	-
TRC-EB-04	Methylene Chloride	0.37	None	All Associated ND

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
460-852597/5	4-Methyl-2-pentanone	69%	UJ	2-4, 6-8, 14
460-582732/3	1,1,1-Trichloroethane	76%	UJ	1, 9, 10, 12, 15, 16, 18-20
	trans-1,3-Dichloropropene	78%	UJ	
460-852974/3	1,2,3-Trichlorobenzene	125%	None	All Associated ND
460-853773/3	cis-1,3-Dichloropropene	79%	UJ	29

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- Several samples were analyzed at various dilutions due to high concentrations of target compounds. The reporting limits were adjusted accordingly. No action was required.

Tentatively Identified Compounds (TICs)

- TICs were qualified estimated (J) for unknown compounds and (NJ) for tentatively identified compounds.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	TRC-SB-18 (12-15) mg/kg	TRC-DUP-01 mg/kg	RPD	Qualifier
Acetone	0.023	0.022	4%	None
Methylcyclohexane	0.00098U	0.00086	NC	

Compound	TRC-SB-14 (12-15) mg/kg	TRC-DUP-02 mg/kg	RPD	Qualifier
Acetone	0.0082	0.0058U	NC	None

Semivolatile Organic Compounds (SVOCs)

Holding Times

- All samples were extracted within 7 days for water samples and 14 days for soil samples and analyzed within 40 days for all samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) criteria and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
06/29/22 (0620)	2-Nitrophenol	25.7%	UJ	11
	4,6-Dinitro-2-methylphenol	34.3%	UJ	
06/29/22 (0720)	2,4-Dinitrotoluene	20.6%	UJ	1-10, 12-14
	2,3,4,6-Tetrachlorophenol	20.6%	UJ	
07/01/22 (0700)	2,4-Dinitrotoluene	20.8%	UJ	21-23
07/01/22 (1903)	2-Nitrophenol	24.0%	UJ	24
07/06/22 (1904)	2-Nitrophenol	34.7%	UJ	30
	2,6-Dinitrotoluene	27.6%	UJ	
	2,4-Dinitrophenol	63.4%	UJ	
	4,6-Dinitro-2-methylphenol	47.4%	UJ	
	Indeno(123-cd)pyrene	32.1%	UJ	
	Dibenz(ah)anthracene	29.9%	UJ	
	Benzo(ghi)perylene	32.3%	UJ	

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were free of contamination.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-01	None - ND	-	-	-
TRC-EB-02	None - ND	-	-	-
TRC-EB-03	None - ND	-	-	-
TRC-EB-04	None - ND	-	-	-

Surrogate Spike Recoveries

- The following table presents surrogate percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

Sample ID	Surrogate	%R	Qualifier
1	2,4,6-Tribromophenol	126%	None for 1 out per fraction
	Terphenyl-d14	132%	
6	2-Fluorobiphenyl	125%	None for 1 out per fraction
	2,4,6-Tribromophenol	139%	
13	Nitrobenzene-d5	198%	None for 1 out per fraction

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD percent recoveries (%R) and/or RPD values outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

MS/MSD Sample	Compound	MS %R/MSD %R/RPD	Qualifier
22	2,2'-oxybis(1-chloropropane)	39%/OK/36	UJ
	2-Chlorophenol	61%/OK/OK	
	2-Methylnaphthalene	62%/OK/OK	
	2-Nitrophenol	61%/OK/OK	
	Bis(2-Chloroethyl)ether	46%/OK/OK	
	Hexachlorobutadiene	40%/60%/41	
	Hexachlorocyclopentadiene	37%/OK/OK	
	Hexachloroethane	29%/52%/58	
	Naphthalene	55%/OK/OK	
	Nitrobenzene	57%/OK/OK	
	2 Compounds	OK/OK/High	None for RPD alone

Laboratory Control Samples

- The LCS samples exhibited acceptable percent recoveries (%R).

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- Sample 6 was analyzed at a 2X dilution for various compounds due to high concentrations. The reporting limits were adjusted accordingly. No action was required.

Tentatively Identified Compounds (TICs)

- TICs were qualified estimated (J) for unknown compounds and (NJ) for tentatively identified compounds.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	TRC-SB-18 (12-15) mg/kg	TRC-DUP-01 mg/kg	RPD	Qualifier
2-Methylnaphthalene	0.021	0.40U	NC	None
Fluoranthene	0.016	0.40U	NC	
Naphthalene	0.069	0.40U	NC	
Phenanthrene	0.044	0.40U	NC	

Compound	TRC-SB-14 (12-15) mg/kg	TRC-DUP-02 mg/kg	RPD	Qualifier
Chrysene	0.0087	0.0087	0%	None
Pyrene	0.36U	0.011	NC	

Pesticides (Pest)

Holding Times

- All samples were extracted within 7 days for water samples and 14 days for soil samples and analyzed within 40 days for all samples.

Initial Calibration

- All %RSD and/or correlation coefficient criteria were met.

Continuing Calibration

- All %D criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were free of contamination.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-01	None - ND	-	-	-
TRC-EB-02	None - ND	-	-	-
TRC-EB-03	None - ND	-	-	-

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD percent recoveries (%R) and/or RPD values outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

MS/MSD Sample	Compound	MS %R/MSD %R/RPD	Qualifier
1	4,4'-DDT	137%/OK/OK	None - Sample ND
	Endrin Ketone	140%/OK/OK	
	Methoxychlor	145%/OK/OK	

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
460-852894/2-A	4,4'-DDD	127%	None	All Associated ND
	Endrin Ketone	144%	None	
	Methoxychlor	141%	None	
460-853310/2-A	4,4'-DDD	128%	None	All Associated ND
	Endrin Ketone	145%	None	
460-853362/2-A	Methoxychlor	133%	None	All Associate ND

Compound Quantitation

- All criteria were met.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	TRC-SB-18 (12-15) mg/kg	TRC-DUP-01 mg/kg	RPD	Qualifier
None	ND	ND	-	-

Compound	TRC-SB-14 (12-15) mg/kg	TRC-DUP-02 mg/kg	RPD	Qualifier
None	ND	ND	-	-

GC Column Difference Results

- All criteria were met.

Polychlorinated Biphenyls (PCBs)

Holding Times

- All samples were extracted within 7 days for water samples and 14 days for soil samples and analyzed within 40 days for all samples.

Initial Calibration

- All %RSD and/or correlation coefficient criteria were met.

Continuing Calibration

- All %D criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were free of contamination.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-01	None - ND	-	-	-
TRC-EB-02	None - ND	-	-	-
TRC-EB-03	None - ND	-	-	-

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples

- The LCS samples exhibited acceptable percent recoveries (%R).

Compound Quantitation

- All criteria were met.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	TRC-SB-18 (12-15) mg/kg	TRC-DUP-01 mg/kg	RPD	Qualifier
None	ND	ND	-	-

Compound	TRC-SB-14 (12-15) mg/kg	TRC-DUP-02 mg/kg	RPD	Qualifier
None	ND	ND	-	-

GC Column Difference Results

- All criteria were met.

Herbicides

Holding Times

- All samples were extracted within 7 days for water samples and 14 days for soil samples and analyzed within 40 days for all samples.

Initial Calibration

- All %RSD and/or correlation coefficient criteria were met.

Continuing Calibration

- All %D criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were free of contamination.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-01	None - ND	-	-	-
TRC-EB-02	None - ND	-	-	-
TRC-EB-03	None - ND	-	-	-

Surrogate Spike Recoveries

- The following table presents surrogate percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

Sample ID	Surrogate	%R	Qualifier
1	2,4-Dichlorophenylacetic acid	152%	None- Sample ND
6	2,4-Dichlorophenylacetic acid	156%	None- Sample ND
20	2,4-Dichlorophenylacetic acid	172%	None- Sample ND

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD samples exhibited acceptable percent recoveries (%R) and RPD values.

Laboratory Control Samples

- The LCS samples exhibited acceptable percent recoveries (%R).

Compound Quantitation

- All criteria were met.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	TRC-SB-18 (12-15) mg/kg	TRC-DUP-01 mg/kg	RPD	Qualifier
None	ND	ND	-	-

Compound	TRC-SB-14 (12-15) mg/kg	TRC-DUP-02 mg/kg	RPD	Qualifier
None	ND	ND	-	-

GC Column Difference Results

- All criteria were met.

Metals & Mercury

Holding Times

- All samples were prepared and analyzed within 28 days for mercury and 180 days for all other metals.

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- The following table lists field QC samples with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U).

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-01	None - ND	-	-	-
TRC-EB-02	None - ND	-	-	-
TRC-EB-03	None - ND	-	-	-

ICP Interference Check Sample

- The ICP interference check sample exhibited acceptable percent recoveries (%R).

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Matrix Spike (MS) Recoveries

- The following table presents MS samples that exhibited percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

MS Sample ID	Compound	MS %R	Qualifier	Affected Samples
20	Aluminum	272%	None	4X Rule Applies
	Antimony	46%	J/UJ	3-5, 20-23
	Iron	265%	None	4X Rule Applies
	Magnesium	136%	J	3-5, 20-23
	Manganese	137%	J	
Reference	Antimony	27%	J/UJ	1, 2
	Chromium	65%	J	
	Cobalt	74%	J	
	Nickel	64%	J	
	Vanadium	74%	J	
Reference 2	Antimony	41%	J/UJ	6-14, 15, 16, 18, 19
	Chromium	32%	J	
	Vanadium	53%	J	
	Zinc	66%	J	

Duplicate Sample Analysis

- The following table presents duplicate samples that exhibited relative percent differences (RPD) above QC limits. For a high RPD, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

Sample ID	Compound	%D	Qualifier	Affected Samples
Reference	Sodium	70%	J	1, 2
Reference 2	Calcium	28%	J	6-10, 12-16, 18, 19
	Chromium	25%	None	See MS
	Magnesium	32%	J	6-10, 12-16, 18, 19

ICP Serial Dilution

- The ICP serial dilution exhibited acceptable percent differences (%D).

Compound Quantitation

- Several samples were analyzed at various dilutions for mercury due to high concentrations. The reporting limits were adjusted accordingly. No action was required.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	TRC-SB-18 (12-15) mg/kg	TRC-DUP-01 mg/kg	RPD	Qualifier
Aluminum	10700	11800	10%	None
Arsenic	1.5	2.6	54%	None - <5X RL
Barium	73.6	60.7	19%	None
Beryllium	0.46	0.71	43%	
Calcium	813	964	17%	
Chromium	17.5	20.6	16%	
Cobalt	2.4	3.6	40%	
Copper	15.2	17.6	15%	
Iron	6720	9690	36%	
Lead	8.7	11.3	26%	
Magnesium	1580	2380	40%	
Manganese	44.7	64.6	36%	
Nickel	8.8	12.0	31%	
Potassium	1010	1170	15%	
Selenium	1.4U	0.32	NC	
Sodium	227	266	16%	
Thallium	0.15	0.17	13%	
Vanadium	15.5	25.6	49%	
Zinc	42.6	54.3	24%	

Compound	TRC-SB-14 (12-15) mg/kg	TRC-DUP-02 mg/kg	RPD	Qualifier
Aluminum	7070	6290	12%	None
Arsenic	2.7	2.5	8%	
Barium	23.9	21.9	9%	
Beryllium	0.31	0.33	6%	
Calcium	649	618	5%	
Chromium	13.2	10.7	21%	
Cobalt	4.0	3.9	3%	
Copper	10.9	9.9	10%	
Iron	10600	9690	9%	
Lead	5.9	5.5	7%	
Magnesium	3170	2580	21%	
Manganese	314	341	8%	
Nickel	13.6	13.4	1%	
Potassium	1450	1010	36%	
Sodium	114	105	8%	
Thallium	0.090	0.056	47%	
Vanadium	19.6	14.9	27%	
Zinc	35.9	32.6	10%	
Mercury	0.018U	0.050	NC	

Cyanide

Holding Times

- All samples were prepared and analyzed within 14 days for cyanide.

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were free of contamination.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-01	None - ND	-	-	-
TRC-EB-02	None - ND	-	-	-
TRC-EB-03	None - ND	-	-	-

Laboratory Control Samples

- The LCS sample exhibited acceptable percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD percent recoveries (%R) and/or RPD values outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

Sample ID	Compound	MS %R/MSD %R/RPD	Qualifier	Affected Samples
15	Cyanide	131%/122%/OK	J	21

Sample ID	Compound	MS %R/MSD %R/RPD	Qualifier	Affected Samples
24	Cyanide	127%/67%/61	UJ	17, 24

Compound Quantitation

- All criteria were met.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	TRC-SB-18 (12-15) mg/kg	TRC-DUP-01 mg/kg	RPD	Qualifier
None	ND	ND	-	-

Compound	TRC-SB-14 (12-15) mg/kg	TRC-DUP-02 mg/kg	RPD	Qualifier
None	ND	ND	-	-

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 8/14/22

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-20 (1-4) | Lab Sample ID: 460-260931-1

Matrix: Solid | Lab File ID: K35974.D

Analysis Method: 8260D | Date Collected: 06/27/2022 09:05

Sample wt/vol: 6.00(g) | Date Analyzed: 06/29/2022 21:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 7.4 % Solids: 92.6 | Level: (low/med) Low

Analysis Batch No.: 852732 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00090	U	0.00090	0.00021
79-34-5	1,1,2,2-Tetrachloroethane	0.00090	U	0.00090	0.00019
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00090	U	0.00090	0.00027
79-00-5	1,1,2-Trichloroethane	0.00090	U	0.00090	0.00016
75-34-3	1,1-Dichloroethane	0.00090	U	0.00090	0.00019
75-35-4	1,1-Dichloroethene	0.00090	U	0.00090	0.00020
87-61-6	1,2,3-Trichlorobenzene	0.00090	U	0.00090	0.00016
120-82-1	1,2,4-Trichlorobenzene	0.00090	U	0.00090	0.00032
95-63-6	1,2,4-Trimethylbenzene	0.00090	U	0.00090	0.00022
96-12-8	1,2-Dibromo-3-Chloropropane	0.00090	U	0.00090	0.00041
95-50-1	1,2-Dichlorobenzene	0.00090	U	0.00090	0.00032
107-06-2	1,2-Dichloroethane	0.00090	U	0.00090	0.00027
78-87-5	1,2-Dichloropropane	0.00090	U	0.00090	0.00038
108-67-8	1,3,5-Trimethylbenzene	0.00090	U	0.00090	0.00028
541-73-1	1,3-Dichlorobenzene	0.00090	U	0.00090	0.00033
106-46-7	1,4-Dichlorobenzene	0.00090	U	0.00090	0.00020
78-93-3	2-Butanone (MEK)	0.0045	U	0.0045	0.00033
591-78-6	2-Hexanone	0.0045	U	0.0045	0.0015
99-87-6	4-Isopropyltoluene	0.00090	U	0.00090	0.00027
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0045	U	0.0045	0.0014
67-64-1	Acetone	0.0054	U	0.0054	0.0051
71-43-2	Benzene	0.00090	U	0.00090	0.00023
75-25-2	Bromoform	0.00090	U	0.00090	0.00038
74-83-9	Bromomethane	0.0018	U	0.0018	0.00090
75-15-0	Carbon disulfide	0.00090	U	0.00090	0.00024
56-23-5	Carbon tetrachloride	0.00090	U	0.00090	0.00035
108-90-7	Chlorobenzene	0.00090	U	0.00090	0.00016
74-97-5	Chlorobromomethane	0.00090	U	0.00090	0.00025
124-48-1	Chlorodibromomethane	0.00090	U	0.00090	0.00017
75-00-3	Chloroethane	0.00090	U	0.00090	0.00047
67-66-3	Chloroform	0.00090	U	0.00090	0.00087
74-87-3	Chloromethane	0.00090	U	0.00090	0.00039
156-59-2	cis-1,2-Dichloroethene	0.00090	U	0.00090	0.00032

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-20 (1-4) | Lab Sample ID: 460-260931-1

Matrix: Solid | Lab File ID: K35974.D

Analysis Method: 8260D | Date Collected: 06/27/2022 09:05

Sample wt/vol: 6.00(g) | Date Analyzed: 06/29/2022 21:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 7.4 % Solids: 92.6 | Level: (low/med) Low

Analysis Batch No.: 852732 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.00090	U	0.00090	0.00025
110-82-7	Cyclohexane	0.00090	U	0.00090	0.00020
75-27-4	Dichlorobromomethane	0.00090	U	0.00090	0.00023
75-71-8	Dichlorodifluoromethane	0.00090	U	0.00090	0.00030
100-41-4	Ethylbenzene	0.00090	U	0.00090	0.00018
106-93-4	Ethylene Dibromide	0.00090	U	0.00090	0.00016
98-82-8	Isopropylbenzene	0.00090	U	0.00090	0.00026
79-20-9	Methyl acetate	0.0045	U	0.0045	0.0039
1634-04-4	Methyl tert-butyl ether	0.00090	U	0.00090	0.00046
108-87-2	Methylcyclohexane	0.00090	U	0.00090	0.00045
75-09-2	Methylene Chloride	0.0018	U	0.0018	0.0010
179601-23-1	m-Xylene & p-Xylene	0.00021	J	0.00090	0.00016
91-20-3	Naphthalene	0.0013	U	0.0013	0.00037
104-51-8	n-Butylbenzene	0.00090	U	0.00090	0.00026
103-65-1	N-Propylbenzene	0.00090	U	0.00090	0.00016
95-47-6	o-Xylene	0.00090	U	0.00090	0.00017
135-98-8	sec-Butylbenzene	0.00090	U	0.00090	0.00026
100-42-5	Styrene	0.00090	~~U~~ UJ	0.00090	0.00025
98-06-6	tert-Butylbenzene	0.00090	U	0.00090	0.00025
127-18-4	Tetrachloroethene	0.00035	J	0.00090	0.00027
108-88-3	Toluene	0.00090	U	0.00090	0.00021
156-60-5	trans-1,2-Dichloroethene	0.00090	U	0.00090	0.00022
10061-02-6	trans-1,3-Dichloropropene	0.00090	~~U~~ UJ	0.00090	0.00024
79-01-6	Trichloroethene	0.00090	U	0.00090	0.00029
75-69-4	Trichlorofluoromethane	0.00090	U	0.00090	0.00037
75-01-4	Vinyl chloride	0.00090	U	0.00090	0.00049
1330-20-7	Xylenes, Total	0.00021	J	0.0018	0.00016

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		72-145
460-00-4	4-Bromofluorobenzene	82		75-139
1868-53-7	Dibromofluoromethane (Surr)	98		73-139
2037-26-5	Toluene-d8 (Surr)	100		80-120

MT 8/11/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-20 (12-15) Lab Sample ID: 460-260931-2

Matrix: Solid Lab File ID: K35960.D

Analysis Method: 8260D Date Collected: 06/27/2022 09:10

Sample wt/vol: 5.40(g) Date Analyzed: 06/29/2022 16:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 15.6 % Solids: 84.4 Level: (low/med) Low

Analysis Batch No.: 852597 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00023
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00023
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00025
87-61-6	1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00020
120-82-1	1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039
95-63-6	1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027
96-12-8	1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050
95-50-1	1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00032
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00046
108-67-8	1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034
541-73-1	1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040
106-46-7	1,4-Dichlorobenzene	0.0011	U	0.0011	0.00025
78-93-3	2-Butanone (MEK)	0.0055	U	0.0055	0.00040
591-78-6	2-Hexanone	0.0055	U	0.0055	0.0019
99-87-6	4-Isopropyltoluene	0.0011	U	0.0011	0.00033
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017
67-64-1	Acetone	0.0066	U	0.0066	0.0063
71-43-2	Benzene	0.0011	U	0.0011	0.00028
75-25-2	Bromoform	0.0011	U	0.0011	0.00047
74-83-9	Bromomethane	0.0022	U	0.0022	0.0011
75-15-0	Carbon disulfide	0.0011	U	0.0011	0.00029
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00042
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00019
74-97-5	Chlorobromomethane	0.0011	U	0.0011	0.00031
124-48-1	Chlorodibromomethane	0.0011	U	0.0011	0.00021
75-00-3	Chloroethane	0.0011	U	0.0011	0.00057
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
74-87-3	Chloromethane	0.0011	U	0.0011	0.00048
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039

MT 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-20 (12-15) Lab Sample ID: 460-260931-2

Matrix: Solid Lab File ID: K35960.D

Analysis Method: 8260D Date Collected: 06/27/2022 09:10

Sample wt/vol: 5.40(g) Date Analyzed: 06/29/2022 16:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 15.6 % Solids: 84.4 Level: (low/med) Low

Analysis Batch No.: 852597 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030
110-82-7	Cyclohexane	0.0011	U	0.0011	0.00024
75-27-4	Dichlorobromomethane	0.0011	U	0.0011	0.00028
75-71-8	Dichlorodifluoromethane	0.0011	U	0.0011	0.00037
100-41-4	Ethylbenzene	0.0011	U	0.0011	0.00022
106-93-4	Ethylene Dibromide	0.0011	U	0.0011	0.00020
98-82-8	Isopropylbenzene	0.0011	U	0.0011	0.00031
79-20-9	Methyl acetate	0.0055	U	0.0055	0.0047
1634-04-4	Methyl tert-butyl ether	0.0011	U	0.0011	0.00056
108-87-2	Methylcyclohexane	0.0011	U	0.0011	0.00055
75-09-2	Methylene Chloride	0.0022	U	0.0022	0.0013
179601-23-1	m-Xylene & p-Xylene	0.0011	U	0.0011	0.00019
91-20-3	Naphthalene	0.0016	U	0.0016	0.00045
104-51-8	n-Butylbenzene	0.0011	U	0.0011	0.00032
103-65-1	N-Propylbenzene	0.0011	U	0.0011	0.00019
95-47-6	o-Xylene	0.0011	U	0.0011	0.00021
135-98-8	sec-Butylbenzene	0.0011	U	0.0011	0.00032
100-42-5	Styrene	0.0011	U J	0.0011	0.00031
98-06-6	tert-Butylbenzene	0.0011	U	0.0011	0.00030
127-18-4	Tetrachloroethene	0.0011	U	0.0011	0.00033
108-88-3	Toluene	0.0011	U J	0.0011	0.00026
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027
10061-02-6	trans-1,3-Dichloropropene	0.0011	U J	0.0011	0.00029
79-01-6	Trichloroethene	0.0011	U	0.0011	0.00035
75-69-4	Trichlorofluoromethane	0.0011	U	0.0011	0.00045
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00060
1330-20-7	Xylenes, Total	0.0022	U	0.0022	0.00019

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		72-145
460-00-4	4-Bromofluorobenzene	86		75-139
1868-53-7	Dibromofluoromethane (Surr)	96		73-139
2037-26-5	Toluene-d8 (Surr)	103		80-120

FORM I 8260D

MT 8/4/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19 (1-4) Lab Sample ID: 460-260931-3

Matrix: Solid Lab File ID: K35961.D

Analysis Method: 8260D Date Collected: 06/27/2022 09:45

Sample wt/vol: 4.74(g) Date Analyzed: 06/29/2022 16:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 7.3 % Solids: 92.7 Level: (low/med) Low

Analysis Batch No.: 852597 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00027
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00024
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00023
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00026
87-61-6	1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00021
120-82-1	1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041
95-63-6	1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028
96-12-8	1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052
95-50-1	1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00034
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00048
108-67-8	1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036
541-73-1	1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042
106-46-7	1,4-Dichlorobenzene	0.0011	U	0.0011	0.00026
78-93-3	2-Butanone (MEK)	0.0057	U	0.0057	0.00042
591-78-6	2-Hexanone	0.0057	U	0.0057	0.0019
99-87-6	4-Isopropyltoluene	0.0011	U	0.0011	0.00034
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018
67-64-1	Acetone	0.0068	U	0.0068	0.0065
71-43-2	Benzene	0.0011	U	0.0011	0.00029
75-25-2	Bromoform	0.0011	U	0.0011	0.00048
74-83-9	Bromomethane	0.0023	U	0.0023	0.0011
75-15-0	Carbon disulfide	0.0011	U	0.0011	0.00030
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00044
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00020
74-97-5	Chlorobromomethane	0.0011	U	0.0011	0.00032
124-48-1	Chlorodibromomethane	0.0011	U	0.0011	0.00022
75-00-3	Chloroethane	0.0011	U	0.0011	0.00059
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
74-87-3	Chloromethane	0.0011	U	0.0011	0.00049
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041

MT 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19 (1-4) | Lab Sample ID: 460-260931-3

Matrix: Solid | Lab File ID: K35961.D

Analysis Method: 8260D | Date Collected: 06/27/2022 09:45

Sample wt/vol: 4.74(g) | Date Analyzed: 06/29/2022 16:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 7.3 % Solids: 92.7 | Level: (low/med) Low

Analysis Batch No.: 852597 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031
110-82-7	Cyclohexane	0.0011	U	0.0011	0.00025
75-27-4	Dichlorobromomethane	0.0011	U	0.0011	0.00029
75-71-8	Dichlorodifluoromethane	0.0011	U	0.0011	0.00038
100-41-4	Ethylbenzene	0.0011	U	0.0011	0.00023
106-93-4	Ethylene Dibromide	0.0011	U	0.0011	0.00020
98-82-8	Isopropylbenzene	0.0011	U	0.0011	0.00032
79-20-9	Methyl acetate	0.0057	U	0.0057	0.0049
1634-04-4	Methyl tert-butyl ether	0.0011	U	0.0011	0.00058
108-87-2	Methylcyclohexane	0.0011	U	0.0011	0.00057
75-09-2	Methylene Chloride	0.0023	U	0.0023	0.0013
179601-23-1	m-Xylene & p-Xylene	0.0011	U	0.0011	0.00020
91-20-3	Naphthalene	0.0039		0.0017	0.00047
104-51-8	n-Butylbenzene	0.0011	U	0.0011	0.00033
103-65-1	N-Propylbenzene	0.0011	U	0.0011	0.00020
95-47-6	o-Xylene	0.0011	U	0.0011	0.00022
135-98-8	sec-Butylbenzene	0.0011	U	0.0011	0.00033
100-42-5	Styrene	0.0011	U UJ	0.0011	0.00032
98-06-6	tert-Butylbenzene	0.0011	U	0.0011	0.00031
127-18-4	Tetrachloroethene	0.0011	U	0.0011	0.00035
108-88-3	Toluene	0.0011	U UJ	0.0011	0.00027
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028
10061-02-6	trans-1,3-Dichloropropene	0.0011	U UJ	0.0011	0.00030
79-01-6	Trichloroethene	0.0011	U	0.0011	0.00037
75-69-4	Trichlorofluoromethane	0.0011	U	0.0011	0.00046
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00062
1330-20-7	Xylenes, Total	0.0023	U	0.0023	0.00020

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		72-145
460-00-4	4-Bromofluorobenzene	99		75-139
1868-53-7	Dibromofluoromethane (Surr)	90		73-139
2037-26-5	Toluene-d8 (Surr)	97		80-120

MT 8/1/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19 (12-15) | Lab Sample ID: 460-260931-4

Matrix: Solid | Lab File ID: K35962.D

Analysis Method: 8260D | Date Collected: 06/27/2022 09:55

Sample wt/vol: 5.08(g) | Date Analyzed: 06/29/2022 17:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 14.4 % Solids: 85.6 | Level: (low/med) Low

Analysis Batch No.: 852597 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00027
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00025
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00035
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00024
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00026
87-61-6	1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00021
120-82-1	1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041
95-63-6	1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028
96-12-8	1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00053
95-50-1	1,2-Dichlorobenzene	0.0011	U	0.0011	0.00042
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00034
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00049
108-67-8	1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036
541-73-1	1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042
106-46-7	1,4-Dichlorobenzene	0.0011	U	0.0011	0.00026
78-93-3	2-Butanone (MEK)	0.0057	U	0.0057	0.00042
591-78-6	2-Hexanone	0.0057	U	0.0057	0.0020
99-87-6	4-Isopropyltoluene	0.0011	U	0.0011	0.00034
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018
67-64-1	Acetone	0.0069	U	0.0069	0.0066
71-43-2	Benzene	0.0011	U	0.0011	0.00030
75-25-2	Bromoform	0.0011	U	0.0011	0.00049
74-83-9	Bromomethane	0.0023	U	0.0023	0.0011
75-15-0	Carbon disulfide	0.0011	U	0.0011	0.00031
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00045
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00020
74-97-5	Chlorobromomethane	0.0011	U	0.0011	0.00032
124-48-1	Chlorodibromomethane	0.0011	U	0.0011	0.00022
75-00-3	Chloroethane	0.0011	U	0.0011	0.00060
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
74-87-3	Chloromethane	0.0011	U	0.0011	0.00050
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041

MT 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19 (12-15) | Lab Sample ID: 460-260931-4

Matrix: Solid | Lab File ID: K35962.D

Analysis Method: 8260D | Date Collected: 06/27/2022 09:55

Sample wt/vol: 5.08(g) | Date Analyzed: 06/29/2022 17:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 14.4 % Solids: 85.6 | Level: (low/med) Low

Analysis Batch No.: 852597 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031
110-82-7	Cyclohexane	0.0011	U	0.0011	0.00025
75-27-4	Dichlorobromomethane	0.0011	U	0.0011	0.00030
75-71-8	Dichlorodifluoromethane	0.0011	U	0.0011	0.00039
100-41-4	Ethylbenzene	0.0011	U	0.0011	0.00023
106-93-4	Ethylene Dibromide	0.0011	U	0.0011	0.00021
98-82-8	Isopropylbenzene	0.0011	U	0.0011	0.00033
79-20-9	Methyl acetate	0.0057	U	0.0057	0.0049
1634-04-4	Methyl tert-butyl ether	0.0011	U	0.0011	0.00059
108-87-2	Methylcyclohexane	0.0011	U	0.0011	0.00057
75-09-2	Methylene Chloride	0.0023	U	0.0023	0.0013
179601-23-1	m-Xylene & p-Xylene	0.0011	U	0.0011	0.00020
91-20-3	Naphthalene	0.0017	U	0.0017	0.00047
104-51-8	n-Butylbenzene	0.0011	U	0.0011	0.00034
103-65-1	N-Propylbenzene	0.0011	U	0.0011	0.00020
95-47-6	o-Xylene	0.0011	U	0.0011	0.00022
135-98-8	sec-Butylbenzene	0.0011	U	0.0011	0.00033
100-42-5	Styrene	0.0011	U ✓ UJ	0.0011	0.00032
98-06-6	tert-Butylbenzene	0.0011	U	0.0011	0.00032
127-18-4	Tetrachloroethene	0.0011	U	0.0011	0.00035
108-88-3	Toluene	0.0011	U ✓ UJ	0.0011	0.00027
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028
10061-02-6	trans-1,3-Dichloropropene	0.0011	U ✓ UJ	0.0011	0.00031
79-01-6	Trichloroethene	0.0011	U	0.0011	0.00037
75-69-4	Trichlorofluoromethane	0.0011	U	0.0011	0.00047
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00063
1330-20-7	Xylenes, Total	0.0023	U	0.0023	0.00020

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		72-145
460-00-4	4-Bromofluorobenzene	99		75-139
1868-53-7	Dibromofluoromethane (Surr)	98		73-139
2037-26-5	Toluene-d8 (Surr)	92		80-120

MF 8/11/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

5

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19 (22.5-24.5) Lab Sample ID: 460-260931-5

Matrix: Solid Lab File ID: O78764.d

Analysis Method: 8260D Date Collected: 06/27/2022 11:11

Sample wt/vol: 5.80(g) Date Analyzed: 07/02/2022 20:32

Soil Aliquot Vol: 5 (mL) Dilution Factor: 100

Soil Extract Vol.: 10(mL) GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 8.9 % Solids: 91.1 Level: (low/med) Medium

Analysis Batch No.: 853322 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.056
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.039
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.20	U	0.20	0.068
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.041
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.048
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.053
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	0.070
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	0.054
95-63-6	1,2,4-Trimethylbenzene	28		0.20	0.046
96-12-8	1,2-Dibromo-3-Chloropropane	0.20	U	0.20	0.042
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.044
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.050
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.036
108-67-8	1,3,5-Trimethylbenzene	10		0.20	0.050
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.066
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.067
78-93-3	2-Butanone (MEK)	1.0	U	1.0	0.44
591-78-6	2-Hexanone	1.0	U	1.0	0.23
99-87-6	4-Isopropyltoluene	2.2		0.20	0.052
108-10-1	4-Methyl-2-pentanone (MIBK)	1.0	U	1.0	0.26
67-64-1	Acetone	1.0	U	1.0	0.88
71-43-2	Benzene	0.23		0.20	0.040
75-25-2	Bromoform	0.20	U	0.20	0.036
74-83-9	Bromomethane	0.20	U	0.20	0.11
75-15-0	Carbon disulfide	0.20	U	0.20	0.13
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.066
108-90-7	Chlorobenzene	0.20	U	0.20	0.048
74-97-5	Chlorobromomethane	0.20	U	0.20	0.060
124-48-1	Chlorodibromomethane	0.20	U	0.20	0.044
75-00-3	Chloroethane	0.20	U	0.20	0.074
67-66-3	Chloroform	0.20	U	0.20	0.044
74-87-3	Chloromethane	0.20	U	0.20	0.080
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.052

MM 8/11/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19 (22.5-24.5) Lab Sample ID: 460-260931-5

Matrix: Solid Lab File ID: O78764.d

Analysis Method: 8260D Date Collected: 06/27/2022 11:11

Sample wt/vol: 5.80(g) Date Analyzed: 07/02/2022 20:32

Soil Aliquot Vol: 5 (mL) Dilution Factor: 100

Soil Extract Vol.: 10(mL) GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 8.9 % Solids: 91.1 Level: (low/med) Medium

Analysis Batch No.: 853322 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.044
110-82-7	Cyclohexane	16		0.20	0.052
75-27-4	Dichlorobromomethane	0.20	U	0.20	0.030
75-71-8	Dichlorodifluoromethane	0.20	U	0.20	0.062
100-41-4	Ethylbenzene	8.8		0.20	0.060
106-93-4	Ethylene Dibromide	0.20	U	0.20	0.038
98-82-8	Isopropylbenzene	2.4		0.20	0.064
79-20-9	Methyl acetate	1.0	U	1.0	0.16
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.043
108-87-2	Methylcyclohexane	67		0.20	0.14
75-09-2	Methylene Chloride	0.20	U	0.20	0.042
179601-23-1	m-Xylene & p-Xylene	31		0.20	0.056
91-20-3	Naphthalene	5.8		0.20	0.18
104-51-8	n-Butylbenzene	1.9		0.20	0.054
103-65-1	N-Propylbenzene	4.0		0.20	0.058
95-47-6	o-Xylene	11		0.20	0.064
135-98-8	sec-Butylbenzene	1.0		0.20	0.062
100-42-5	Styrene	0.20	U	0.20	0.034
98-06-6	tert-Butylbenzene	0.14	J	0.20	0.056
127-18-4	Tetrachloroethene	0.20	U	0.20	0.072
108-88-3	Toluene	0.65		0.20	0.050
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.036
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.044
79-01-6	Trichloroethene	0.20	U	0.20	0.044
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.064
75-01-4	Vinyl chloride	0.20	U	0.20	0.040
1330-20-7	Xylenes, Total	43		0.40	0.056

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	78		68-150
460-00-4	4-Bromofluorobenzene	96		70-150
1868-53-7	Dibromofluoromethane (Surr)	72		68-150
2037-26-5	Toluene-d8 (Surr)	100		80-147

5

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

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19 (22.5-24.5) | Lab Sample ID: 460-260931-5

Matrix: Solid | Lab File ID: O78764.d

Analysis Method: 8260D | Date Collected: 06/27/2022 11:11

Sample wt/vol: 5.80(g) | Date Analyzed: 07/02/2022 20:32

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 8.9 % Solids: 91.1 | Level: (low/med) Medium

Analysis Batch No.: 853322 | Units: mg/Kg

Number TICs Found: 10 | TIC Result Total: 126.6

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown Alkane	3.96	17	J J	
592-27-8	Heptane, 2-methyl-	5.27	12	J N NJ	97%
638-04-0	Cyclohexane, 1,3-dimethyl-, cis-	5.64	8.7	J N	95%
111-65-9	Octane	6.01	18	J N	95%
111-84-2	Nonane	8.21	18	J N	95%
620-14-4	Benzene, 1-ethyl-3-methyl-	10.06	20	J N	95%
	Unknown alkane	10.38	10	J J	
611-14-3	Benzene, 1-ethyl-2-methyl-	10.52	8.0	J N NJ	90%
526-73-8	Benzene, 1,2,3-trimethyl-	11.42	8.6	J N	95%
535-77-3	Benzene, 1-methyl-3-(1-methylethyl)-	12.07	6.3	J N	90%

MT 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

6

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-18 (1-4) | Lab Sample ID: 460-260931-6

Matrix: Solid | Lab File ID: K35966.D

Analysis Method: 8260D | Date Collected: 06/27/2022 12:00

Sample wt/vol: 4.02(g) | Date Analyzed: 06/29/2022 18:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 9.0 % Solids: 91.0 | Level: (low/med) Low

Analysis Batch No.: 852597 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032
79-34-5	1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00029
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00041
79-00-5	1,1,2-Trichloroethane	0.0014	U	0.0014	0.00024
75-34-3	1,1-Dichloroethane	0.0014	U	0.0014	0.00028
75-35-4	1,1-Dichloroethene	0.0014	U	0.0014	0.00031
87-61-6	1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.00025
120-82-1	1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00049
95-63-6	1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00034
96-12-8	1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00063
95-50-1	1,2-Dichlorobenzene	0.0014	U	0.0014	0.00049
107-06-2	1,2-Dichloroethane	0.0014	U	0.0014	0.00040
78-87-5	1,2-Dichloropropane	0.0014	U	0.0014	0.00058
108-67-8	1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00043
541-73-1	1,3-Dichlorobenzene	0.0014	U	0.0014	0.00050
106-46-7	1,4-Dichlorobenzene	0.0014	U	0.0014	0.00031
78-93-3	2-Butanone (MEK)	0.0068	U	0.0068	0.00050
591-78-6	2-Hexanone	0.0068	U	0.0068	0.0023
99-87-6	4-Isopropyltoluene	0.0014	U	0.0014	0.00041
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0068	U F1	0.0068	0.0021
67-64-1	Acetone	0.0082	U	0.0082	0.0078
71-43-2	Benzene	0.0014	U	0.0014	0.00035
75-25-2	Bromoform	0.0014	U	0.0014	0.00058
74-83-9	Bromomethane	0.0027	U	0.0027	0.0014
75-15-0	Carbon disulfide	0.0014	U	0.0014	0.00036
56-23-5	Carbon tetrachloride	0.0014	U	0.0014	0.00053
108-90-7	Chlorobenzene	0.0014	U	0.0014	0.00024
74-97-5	Chlorobromomethane	0.0014	U	0.0014	0.00038
124-48-1	Chlorodibromomethane	0.0014	U	0.0014	0.00027
75-00-3	Chloroethane	0.0014	U	0.0014	0.00071
67-66-3	Chloroform	0.0014	U	0.0014	0.0013
74-87-3	Chloromethane	0.0014	U	0.0014	0.00059
156-59-2	cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00049

MT 8/11/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

6

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-18 (1-4) | Lab Sample ID: 460-260931-6

Matrix: Solid | Lab File ID: K35966.D

Analysis Method: 8260D | Date Collected: 06/27/2022 12:00

Sample wt/vol: 4.02(g) | Date Analyzed: 06/29/2022 18:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 9.0 % Solids: 91.0 | Level: (low/med) Low

Analysis Batch No.: 852597 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00037
110-82-7	Cyclohexane	0.0014	U	0.0014	0.00030
75-27-4	Dichlorobromomethane	0.0014	U	0.0014	0.00035
75-71-8	Dichlorodifluoromethane	0.0014	U	0.0014	0.00046
100-41-4	Ethylbenzene	0.0014	U	0.0014	0.00027
106-93-4	Ethylene Dibromide	0.0014	U	0.0014	0.00025
98-82-8	Isopropylbenzene	0.0014	U	0.0014	0.00039
79-20-9	Methyl acetate	0.0068	U	0.0068	0.0059
1634-04-4	Methyl tert-butyl ether	0.0014	U	0.0014	0.00070
108-87-2	Methylcyclohexane	0.0014	U	0.0014	0.00068
75-09-2	Methylene Chloride	0.0027	U	0.0027	0.0016
179601-23-1	m-Xylene & p-Xylene	0.0014	U	0.0014	0.00024
91-20-3	Naphthalene	0.0021	U	0.0021	0.00056
104-51-8	n-Butylbenzene	0.0014	U	0.0014	0.00040
103-65-1	N-Propylbenzene	0.0014	U	0.0014	0.00024
95-47-6	o-Xylene	0.0014	U	0.0014	0.00027
135-98-8	sec-Butylbenzene	0.0014	U	0.0014	0.00039
100-42-5	Styrene	0.0014	U UJ	0.0014	0.00038
98-06-6	tert-Butylbenzene	0.0014	U	0.0014	0.00038
127-18-4	Tetrachloroethene	0.0014	U	0.0014	0.00042
108-88-3	Toluene	0.0014	U UJ	0.0014	0.00032
156-60-5	trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034
10061-02-6	trans-1,3-Dichloropropene	0.0014	U UJ	0.0014	0.00036
79-01-6	Trichloroethene	0.0014	U	0.0014	0.00044
75-69-4	Trichlorofluoromethane	0.0014	U	0.0014	0.00056
75-01-4	Vinyl chloride	0.0014	U	0.0014	0.00075
1330-20-7	Xylenes, Total	0.0027	U	0.0027	0.00024

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		72-145
460-00-4	4-Bromofluorobenzene	96		75-139
1868-53-7	Dibromofluoromethane (Surr)	97		73-139
2037-26-5	Toluene-d8 (Surr)	97		80-120

MT 8/11/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

7

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-18 (12-15) Lab Sample ID: 460-260931-7

Matrix: Solid Lab File ID: K35963.D

Analysis Method: 8260D Date Collected: 06/27/2022 12:05

Sample wt/vol: 6.13(g) Date Analyzed: 06/29/2022 17:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 17.1 % Solids: 82.9 Level: (low/med) Low

Analysis Batch No.: 852597 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00098	U	0.00098	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.00098	U	0.00098	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00098	U	0.00098	0.00030
79-00-5	1,1,2-Trichloroethane	0.00098	U	0.00098	0.00018
75-34-3	1,1-Dichloroethane	0.00098	U	0.00098	0.00020
75-35-4	1,1-Dichloroethene	0.00098	U	0.00098	0.00022
87-61-6	1,2,3-Trichlorobenzene	0.00098	U	0.00098	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.00098	U	0.00098	0.00035
95-63-6	1,2,4-Trimethylbenzene	0.00098	U	0.00098	0.00024
96-12-8	1,2-Dibromo-3-Chloropropane	0.00098	U	0.00098	0.00045
95-50-1	1,2-Dichlorobenzene	0.00098	U	0.00098	0.00036
107-06-2	1,2-Dichloroethane	0.00098	U	0.00098	0.00029
78-87-5	1,2-Dichloropropane	0.00098	U	0.00098	0.00042
108-67-8	1,3,5-Trimethylbenzene	0.00098	U	0.00098	0.00031
541-73-1	1,3-Dichlorobenzene	0.00098	U	0.00098	0.00036
106-46-7	1,4-Dichlorobenzene	0.00098	U	0.00098	0.00022
78-93-3	2-Butanone (MEK)	0.0049	U	0.0049	0.00036
591-78-6	2-Hexanone	0.0049	U	0.0049	0.0017
99-87-6	4-Isopropyltoluene	0.00098	U	0.00098	0.00029
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0049	~~U~~	0.0049	0.0015
67-64-1	Acetone	0.023		0.0059	0.0056
71-43-2	Benzene	0.00098	U	0.00098	0.00025
75-25-2	Bromoform	0.00098	U	0.00098	0.00042
74-83-9	Bromomethane	0.0020	U	0.0020	0.00098
75-15-0	Carbon disulfide	0.00098	U	0.00098	0.00026
56-23-5	Carbon tetrachloride	0.00098	U	0.00098	0.00038
108-90-7	Chlorobenzene	0.00098	U	0.00098	0.00017
74-97-5	Chlorobromomethane	0.00098	U	0.00098	0.00028
124-48-1	Chlorodibromomethane	0.00098	U	0.00098	0.00019
75-00-3	Chloroethane	0.00098	U	0.00098	0.00051
67-66-3	Chloroform	0.00098	U	0.00098	0.00096
74-87-3	Chloromethane	0.00098	U	0.00098	0.00043
156-59-2	cis-1,2-Dichloroethene	0.00098	U	0.00098	0.00035

MM 8/1/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

7

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-18 (12-15) | Lab Sample ID: 460-260931-7

Matrix: Solid | Lab File ID: K35963.D

Analysis Method: 8260D | Date Collected: 06/27/2022 12:05

Sample wt/vol: 6.13(g) | Date Analyzed: 06/29/2022 17:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 17.1 % Solids: 82.9 | Level: (low/med) Low

Analysis Batch No.: 852597 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.00098	U	0.00098	0.00027
110-82-7	Cyclohexane	0.00098	U	0.00098	0.00022
75-27-4	Dichlorobromomethane	0.00098	U	0.00098	0.00025
75-71-8	Dichlorodifluoromethane	0.00098	U	0.00098	0.00033
100-41-4	Ethylbenzene	0.00098	U	0.00098	0.00020
106-93-4	Ethylene Dibromide	0.00098	U	0.00098	0.00018
98-82-8	Isopropylbenzene	0.00098	U	0.00098	0.00028
79-20-9	Methyl acetate	0.0049	U	0.0049	0.0042
1634-04-4	Methyl tert-butyl ether	0.00098	U	0.00098	0.00050
108-87-2	Methylcyclohexane	0.00098	U	0.00098	0.00049
75-09-2	Methylene Chloride	0.0020	U	0.0020	0.0011
179601-23-1	m-Xylene & p-Xylene	0.00098	U	0.00098	0.00017
91-20-3	Naphthalene	0.0015	U	0.0015	0.00040
104-51-8	n-Butylbenzene	0.00098	U	0.00098	0.00029
103-65-1	N-Propylbenzene	0.00098	U	0.00098	0.00017
95-47-6	o-Xylene	0.00098	U	0.00098	0.00019
135-98-8	sec-Butylbenzene	0.00098	U	0.00098	0.00028
100-42-5	Styrene	0.00098	~~U~~ UJ	0.00098	0.00027
98-06-6	tert-Butylbenzene	0.00098	U	0.00098	0.00027
127-18-4	Tetrachloroethene	0.00098	U	0.00098	0.00030
108-88-3	Toluene	0.00098	~~U~~ UJ	0.00098	0.00023
156-60-5	trans-1,2-Dichloroethene	0.00098	U	0.00098	0.00024
10061-02-6	trans-1,3-Dichloropropene	0.00098	~~U~~ UJ	0.00098	0.00026
79-01-6	Trichloroethene	0.00098	U	0.00098	0.00032
75-69-4	Trichlorofluoromethane	0.00098	U	0.00098	0.00040
75-01-4	Vinyl chloride	0.00098	U	0.00098	0.00054
1330-20-7	Xylenes, Total	0.0020	U	0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		72-145
460-00-4	4-Bromofluorobenzene	99		75-139
1868-53-7	Dibromofluoromethane (Surr)	100		73-139
2037-26-5	Toluene-d8 (Surr)	103		80-120

MM 8/11/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

8

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-DUP-01 Lab Sample ID: 460-260931-8

Matrix: Solid Lab File ID: K35964.D

Analysis Method: 8260D Date Collected: 06/27/2022 12:10

Sample wt/vol: 5.46(g) Date Analyzed: 06/29/2022 17:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 17.6 % Solids: 82.4 Level: (low/med) Low

Analysis Batch No.: 852597 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00024
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00023
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00025
87-61-6	1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00020
120-82-1	1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040
95-63-6	1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027
96-12-8	1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051
95-50-1	1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00033
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00047
108-67-8	1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035
541-73-1	1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041
106-46-7	1,4-Dichlorobenzene	0.0011	U	0.0011	0.00025
78-93-3	2-Butanone (MEK)	0.0056	U	0.0056	0.00041
591-78-6	2-Hexanone	0.0056	U	0.0056	0.0019
99-87-6	4-Isopropyltoluene	0.0011	U	0.0011	0.00033
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0056	U F1	0.0056	0.0017
67-64-1	Acetone	0.022		0.0067	0.0064
71-43-2	Benzene	0.0011	U	0.0011	0.00029
75-25-2	Bromoform	0.0011	U	0.0011	0.00047
74-83-9	Bromomethane	0.0022	U	0.0022	0.0011
75-15-0	Carbon disulfide	0.0011	U	0.0011	0.00030
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00043
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00020
74-97-5	Chlorobromomethane	0.0011	U	0.0011	0.00031
124-48-1	Chlorodibromomethane	0.0011	U	0.0011	0.00022
75-00-3	Chloroethane	0.0011	U	0.0011	0.00058
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
74-87-3	Chloromethane	0.0011	U	0.0011	0.00048
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040

MT 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

8

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-DUP-01 | Lab Sample ID: 460-260931-8

Matrix: Solid | Lab File ID: K35964.D

Analysis Method: 8260D | Date Collected: 06/27/2022 12:10

Sample wt/vol: 5.46(g) | Date Analyzed: 06/29/2022 17:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 17.6 % Solids: 82.4 | Level: (low/med) Low

Analysis Batch No.: 852597 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030
110-82-7	Cyclohexane	0.0011	U	0.0011	0.00025
75-27-4	Dichlorobromomethane	0.0011	U	0.0011	0.00029
75-71-8	Dichlorodifluoromethane	0.0011	U	0.0011	0.00038
100-41-4	Ethylbenzene	0.0011	U	0.0011	0.00022
106-93-4	Ethylene Dibromide	0.0011	U	0.0011	0.00020
98-82-8	Isopropylbenzene	0.0011	U	0.0011	0.00032
79-20-9	Methyl acetate	0.0056	U	0.0056	0.0048
1634-04-4	Methyl tert-butyl ether	0.0011	U	0.0011	0.00057
108-87-2	Methylcyclohexane	0.00086	J	0.0011	0.00055
75-09-2	Methylene Chloride	0.0022	U	0.0022	0.0013
179601-23-1	m-Xylene & p-Xylene	0.0011	U	0.0011	0.00019
91-20-3	Naphthalene	0.0017	U	0.0017	0.00046
104-51-8	n-Butylbenzene	0.0011	U	0.0011	0.00033
103-65-1	N-Propylbenzene	0.0011	U	0.0011	0.00019
95-47-6	o-Xylene	0.0011	U	0.0011	0.00022
135-98-8	sec-Butylbenzene	0.0011	U	0.0011	0.00032
100-42-5	Styrene	0.0011	~~U~~ UJ	0.0011	0.00031
98-06-6	tert-Butylbenzene	0.0011	U	0.0011	0.00031
127-18-4	Tetrachloroethene	0.0011	U	0.0011	0.00034
108-88-3	Toluene	0.0011	~~U~~ UJ	0.0011	0.00026
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027
10061-02-6	trans-1,3-Dichloropropene	0.0011	~~U~~ UJ	0.0011	0.00030
79-01-6	Trichloroethene	0.0011	U	0.0011	0.00036
75-69-4	Trichlorofluoromethane	0.0011	U	0.0011	0.00045
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00061
1330-20-7	Xylenes, Total	0.0022	U	0.0022	0.00019

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		72-145
460-00-4	4-Bromofluorobenzene	92		75-139
1868-53-7	Dibromofluoromethane (Surr)	111		73-139
2037-26-5	Toluene-d8 (Surr)	100		80-120

MT 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-13 (1-4) | Lab Sample ID: 460-260931-9

Matrix: Solid | Lab File ID: K35975.D

Analysis Method: 8260D | Date Collected: 06/27/2022 13:05

Sample wt/vol: 3.14(g) | Date Analyzed: 06/29/2022 21:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 11.0 % Solids: 89.0 | Level: (low/med) Low

Analysis Batch No.: 852732 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0018	U UJ	0.0018	0.00042
79-34-5	1,1,2,2-Tetrachloroethane	0.0018	U	0.0018	0.00038
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0018	U	0.0018	0.00054
79-00-5	1,1,2-Trichloroethane	0.0018	U	0.0018	0.00032
75-34-3	1,1-Dichloroethane	0.0018	U	0.0018	0.00037
75-35-4	1,1-Dichloroethene	0.0018	U	0.0018	0.00040
87-61-6	1,2,3-Trichlorobenzene	0.0018	U	0.0018	0.00032
120-82-1	1,2,4-Trichlorobenzene	0.0018	U	0.0018	0.00064
95-63-6	1,2,4-Trimethylbenzene	0.0018	U	0.0018	0.00044
96-12-8	1,2-Dibromo-3-Chloropropane	0.0018	U	0.0018	0.00082
95-50-1	1,2-Dichlorobenzene	0.0018	U	0.0018	0.00065
107-06-2	1,2-Dichloroethane	0.0018	U	0.0018	0.00053
78-87-5	1,2-Dichloropropane	0.0018	U	0.0018	0.00076
108-67-8	1,3,5-Trimethylbenzene	0.0018	U	0.0018	0.00056
541-73-1	1,3-Dichlorobenzene	0.0018	U	0.0018	0.00065
106-46-7	1,4-Dichlorobenzene	0.0018	U	0.0018	0.00040
78-93-3	2-Butanone (MEK)	0.0089	U	0.0089	0.00066
591-78-6	2-Hexanone	0.0089	U	0.0089	0.0031
99-87-6	4-Isopropyltoluene	0.0018	U	0.0018	0.00054
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0089	U	0.0089	0.0028
67-64-1	Acetone	0.011	U	0.011	0.010
71-43-2	Benzene	0.0018	U	0.0018	0.00046
75-25-2	Bromoform	0.0018	U	0.0018	0.00076
74-83-9	Bromomethane	0.0036	U	0.0036	0.0018
75-15-0	Carbon disulfide	0.0018	U	0.0018	0.00048
56-23-5	Carbon tetrachloride	0.0018	U	0.0018	0.00069
108-90-7	Chlorobenzene	0.0018	U	0.0018	0.00032
74-97-5	Chlorobromomethane	0.0018	U	0.0018	0.00050
124-48-1	Chlorodibromomethane	0.0018	U	0.0018	0.00035
75-00-3	Chloroethane	0.0018	U	0.0018	0.00093
67-66-3	Chloroform	0.0018	U	0.0018	0.0017
74-87-3	Chloromethane	0.0018	U	0.0018	0.00078
156-59-2	cis-1,2-Dichloroethene	0.0018	U	0.0018	0.00064

MT 8/1/23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

9

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-13 (1-4) | Lab Sample ID: 460-260931-9

Matrix: Solid | Lab File ID: K35975.D

Analysis Method: 8260D | Date Collected: 06/27/2022 13:05

Sample wt/vol: 3.14(g) | Date Analyzed: 06/29/2022 21:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 11.0 % Solids: 89.0 | Level: (low/med) Low

Analysis Batch No.: 852732 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.0018	U	0.0018	0.00049
110-82-7	Cyclohexane	0.0018	U	0.0018	0.00040
75-27-4	Dichlorobromomethane	0.0018	U	0.0018	0.00046
75-71-8	Dichlorodifluoromethane	0.0018	U	0.0018	0.00060
100-41-4	Ethylbenzene	0.0018	U	0.0018	0.00036
106-93-4	Ethylene Dibromide	0.0018	U	0.0018	0.00032
98-82-8	Isopropylbenzene	0.0018	U	0.0018	0.00051
79-20-9	Methyl acetate	0.0089	U	0.0089	0.0077
1634-04-4	Methyl tert-butyl ether	0.0018	U	0.0018	0.00092
108-87-2	Methylcyclohexane	0.0018	U	0.0018	0.00089
75-09-2	Methylene Chloride	0.0036	U	0.0036	0.0020
179601-23-1	m-Xylene & p-Xylene	0.0018	U	0.0018	0.00031
91-20-3	Naphthalene	0.0027	U	0.0027	0.00073
104-51-8	n-Butylbenzene	0.0018	U	0.0018	0.00053
103-65-1	N-Propylbenzene	0.0018	U	0.0018	0.00031
95-47-6	o-Xylene	0.0018	U	0.0018	0.00035
135-98-8	sec-Butylbenzene	0.0018	U	0.0018	0.00052
100-42-5	Styrene	0.0018	U	0.0018	0.00050
98-06-6	tert-Butylbenzene	0.0018	U	0.0018	0.00049
127-18-4	Tetrachloroethene	0.0033		0.0018	0.00055
108-88-3	Toluene	0.0018	U	0.0018	0.00042
156-60-5	trans-1,2-Dichloroethene	0.0018	U	0.0018	0.00044
10061-02-6	trans-1,3-Dichloropropene	0.0018	U	0.0018	0.00048
79-01-6	Trichloroethene	0.0018	U	0.0018	0.00057
75-69-4	Trichlorofluoromethane	0.0018	U	0.0018	0.00073
75-01-4	Vinyl chloride	0.0018	U	0.0018	0.00098
1330-20-7	Xylenes, Total	0.0036	U	0.0036	0.00031

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		72-145
460-00-4	4-Bromofluorobenzene	91		75-139
1868-53-7	Dibromofluoromethane (Surr)	98		73-139
2037-26-5	Toluene-d8 (Surr)	100		80-120

FORM I 8260D

MM 8/10/22

10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-12 (1-4) | Lab Sample ID: 460-260931-10

Matrix: Solid | Lab File ID: K35976.D

Analysis Method: 8260D | Date Collected: 06/27/2022 13:20

Sample wt/vol: 4.66(g) | Date Analyzed: 06/29/2022 22:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 5.9 % Solids: 94.1 | Level: (low/med) Low

Analysis Batch No.: 852732 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00027
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00024
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00023
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00026
87-61-6	1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00021
120-82-1	1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041
95-63-6	1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028
96-12-8	1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052
95-50-1	1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00034
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00048
108-67-8	1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036
541-73-1	1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042
106-46-7	1,4-Dichlorobenzene	0.0011	U	0.0011	0.00026
78-93-3	2-Butanone (MEK)	0.0057	U	0.0057	0.00042
591-78-6	2-Hexanone	0.0057	U	0.0057	0.0020
99-87-6	4-Isopropyltoluene	0.0011	U	0.0011	0.00034
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018
67-64-1	Acetone	0.0068	U	0.0068	0.0065
71-43-2	Benzene	0.0011	U	0.0011	0.00029
75-25-2	Bromoform	0.0011	U	0.0011	0.00048
74-83-9	Bromomethane	0.0023	U	0.0023	0.0011
75-15-0	Carbon disulfide	0.0011	U	0.0011	0.00030
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00044
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00020
74-97-5	Chlorobromomethane	0.0011	U	0.0011	0.00032
124-48-1	Chlorodibromomethane	0.0011	U	0.0011	0.00022
75-00-3	Chloroethane	0.0011	U	0.0011	0.00060
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
74-87-3	Chloromethane	0.0011	U	0.0011	0.00050
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041

MR 8/4/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

10

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-12 (1-4) | Lab Sample ID: 460-260931-10

Matrix: Solid | Lab File ID: K35976.D

Analysis Method: 8260D | Date Collected: 06/27/2022 13:20

Sample wt/vol: 4.66(g) | Date Analyzed: 06/29/2022 22:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 5.9 % Solids: 94.1 | Level: (low/med) Low

Analysis Batch No.: 852732 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031
110-82-7	Cyclohexane	0.0011	U	0.0011	0.00025
75-27-4	Dichlorobromomethane	0.0011	U	0.0011	0.00029
75-71-8	Dichlorodifluoromethane	0.0011	U	0.0011	0.00039
100-41-4	Ethylbenzene	0.0011	U	0.0011	0.00023
106-93-4	Ethylene Dibromide	0.0011	U	0.0011	0.00021
98-82-8	Isopropylbenzene	0.0011	U	0.0011	0.00032
79-20-9	Methyl acetate	0.0057	U	0.0057	0.0049
1634-04-4	Methyl tert-butyl ether	0.0011	U	0.0011	0.00058
108-87-2	Methylcyclohexane	0.0011	U	0.0011	0.00057
75-09-2	Methylene Chloride	0.0023	U	0.0023	0.0013
179601-23-1	m-Xylene & p-Xylene	0.0011	U	0.0011	0.00020
91-20-3	Naphthalene	0.0017	U	0.0017	0.00047
104-51-8	n-Butylbenzene	0.0011	U	0.0011	0.00034
103-65-1	N-Propylbenzene	0.0011	U	0.0011	0.00020
95-47-6	o-Xylene	0.0011	U	0.0011	0.00022
135-98-8	sec-Butylbenzene	0.0011	U	0.0011	0.00033
100-42-5	Styrene	0.0011	U	0.0011	0.00032
98-06-6	tert-Butylbenzene	0.0011	U	0.0011	0.00031
127-18-4	Tetrachloroethene	0.0060		0.0011	0.00035
108-88-3	Toluene	0.0011	U	0.0011	0.00027
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030
79-01-6	Trichloroethene	0.0011	U	0.0011	0.00037
75-69-4	Trichlorofluoromethane	0.0011	U	0.0011	0.00046
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00062
1330-20-7	Xylenes, Total	0.0023	U	0.0023	0.00020

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		72-145
460-00-4	4-Bromofluorobenzene	97		75-139
1868-53-7	Dibromofluoromethane (Surr)	97		73-139
2037-26-5	Toluene-d8 (Surr)	102		80-120

FORM I 8260D

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1
SDG No.:
Client Sample ID: TRC-EB-01 Lab Sample ID: 460-260931-11
Matrix: Water Lab File ID: TT57078.D
Analysis Method: 8260D Date Collected: 06/27/2022 14:05
Sample wt/vol: 5(mL) Date Analyzed: 06/29/2022 14:29
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)
Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:
% Moisture: % Solids: Level: (low/med) Low
Analysis Batch No.: 852555 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	~~U~~ UJ	1.0	0.54
74-83-9	Bromomethane	1.0	~~U~~ UJ	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	~~U~~ UJ	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22

MT 8/4/22

11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-01 | Lab Sample ID: 460-260931-11

Matrix: Water | Lab File ID: TT57078.D

Analysis Method: 8260D | Date Collected: 06/27/2022 14:05

Sample wt/vol: 5(mL) | Date Analyzed: 06/29/2022 14:29

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 852555 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	0.52	J	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
91-20-3	Naphthalene	1.0	U	1.0	0.88
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-128
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124
2037-26-5	Toluene-d8 (Surr)	104		80-120

FORM I 8260D

MT 8/Wn

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

12

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-N (20.5-22.5) | Lab Sample ID: 460-260931-12

Matrix: Solid | Lab File ID: K35977.D

Analysis Method: 8260D | Date Collected: 06/27/2022 14:40

Sample wt/vol: 4.07(g) | Date Analyzed: 06/29/2022 22:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 6.1 % Solids: 93.9 | Level: (low/med) Low

Analysis Batch No.: 852732 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0013	U F1 V3	0.0013	0.00030
79-34-5	1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00028
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00039
79-00-5	1,1,2-Trichloroethane	0.0013	U	0.0013	0.00023
75-34-3	1,1-Dichloroethane	0.0013	U	0.0013	0.00027
75-35-4	1,1-Dichloroethene	0.0013	U	0.0013	0.00029
87-61-6	1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00024
120-82-1	1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00047
95-63-6	1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00032
96-12-8	1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00060
95-50-1	1,2-Dichlorobenzene	0.0013	U	0.0013	0.00047
107-06-2	1,2-Dichloroethane	0.0013	U	0.0013	0.00039
78-87-5	1,2-Dichloropropane	0.0013	U	0.0013	0.00055
108-67-8	1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00041
541-73-1	1,3-Dichlorobenzene	0.0013	U	0.0013	0.00048
106-46-7	1,4-Dichlorobenzene	0.0013	U	0.0013	0.00029
78-93-3	2-Butanone (MEK)	0.0065	U	0.0065	0.00048
591-78-6	2-Hexanone	0.0065	U	0.0065	0.0022
99-87-6	4-Isopropyltoluene	0.0013	U	0.0013	0.00039
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0065	U	0.0065	0.0020
67-64-1	Acetone	0.0078	U F1	0.0078	0.0075
71-43-2	Benzene	0.0013	U	0.0013	0.00034
75-25-2	Bromoform	0.0013	U	0.0013	0.00056
74-83-9	Bromomethane	0.0026	U	0.0026	0.0013
75-15-0	Carbon disulfide	0.0013	U	0.0013	0.00035
56-23-5	Carbon tetrachloride	0.0013	U	0.0013	0.00051
108-90-7	Chlorobenzene	0.0013	U	0.0013	0.00023
74-97-5	Chlorobromomethane	0.0013	U	0.0013	0.00037
124-48-1	Chlorodibromomethane	0.0013	U	0.0013	0.00025
75-00-3	Chloroethane	0.0013	U	0.0013	0.00068
67-66-3	Chloroform	0.0013	U	0.0013	0.0013
74-87-3	Chloromethane	0.0013	U	0.0013	0.00057
156-59-2	cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00047

MT 8/1/22

12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-N (20.5-22.5) Lab Sample ID: 460-260931-12

Matrix: Solid Lab File ID: K35977.D

Analysis Method: 8260D Date Collected: 06/27/2022 14:40

Sample wt/vol: 4.07(g) Date Analyzed: 06/29/2022 22:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 6.1 % Solids: 93.9 Level: (low/med) Low

Analysis Batch No.: 852732 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00036
110-82-7	Cyclohexane	0.0013	U	0.0013	0.00029
75-27-4	Dichlorobromomethane	0.0013	U	0.0013	0.00034
75-71-8	Dichlorodifluoromethane	0.0013	U	0.0013	0.00044
100-41-4	Ethylbenzene	0.0013	U	0.0013	0.00026
106-93-4	Ethylene Dibromide	0.0013	U	0.0013	0.00024
98-82-8	Isopropylbenzene	0.0013	U	0.0013	0.00037
79-20-9	Methyl acetate	0.0065	U	0.0065	0.0056
1634-04-4	Methyl tert-butyl ether	0.0013	U	0.0013	0.00067
108-87-2	Methylcyclohexane	0.0013	U	0.0013	0.00065
75-09-2	Methylene Chloride	0.0026	U	0.0026	0.0015
179601-23-1	m-Xylene & p-Xylene	0.0013	U	0.0013	0.00023
91-20-3	Naphthalene	0.0020	U	0.0020	0.00054
104-51-8	n-Butylbenzene	0.0013	U	0.0013	0.00038
103-65-1	N-Propylbenzene	0.0013	U	0.0013	0.00023
95-47-6	o-Xylene	0.0013	U	0.0013	0.00025
135-98-8	sec-Butylbenzene	0.0013	U	0.0013	0.00038
100-42-5	Styrene	0.0013	~~U~~ UJ	0.0013	0.00036
98-06-6	tert-Butylbenzene	0.0013	U	0.0013	0.00036
127-18-4	Tetrachloroethene	0.0013	U	0.0013	0.00040
108-88-3	Toluene	0.0013	U	0.0013	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032
10061-02-6	trans-1,3-Dichloropropene	0.0013	~~U~~ UJ	0.0013	0.00035
79-01-6	Trichloroethene	0.0013	U	0.0013	0.00042
75-69-4	Trichlorofluoromethane	0.0013	U ✓	0.0013	0.00053
75-01-4	Vinyl chloride	0.0013	U	0.0013	0.00071
1330-20-7	Xylenes, Total	0.0026	U	0.0026	0.00023

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		72-145
460-00-4	4-Bromofluorobenzene	97		75-139
1868-53-7	Dibromofluoromethane (Surr)	94		73-139
2037-26-5	Toluene-d8 (Surr)	103		80-120

MT 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

13

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-N (13-15) Lab Sample ID: 460-260931-13

Matrix: Solid Lab File ID: O78707.d

Analysis Method: 8260D Date Collected: 06/27/2022 15:00

Sample wt/vol: 4.80(g) Date Analyzed: 07/01/2022 20:39

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 4.6 % Solids: 95.4 Level: (low/med) Medium

Analysis Batch No.: 853130 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.11	U	0.11	0.031
79-34-5	1,1,2,2-Tetrachloroethane	0.11	U	0.11	0.022
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.11	U	0.11	0.038
79-00-5	1,1,2-Trichloroethane	0.11	U	0.11	0.023
75-34-3	1,1-Dichloroethane	0.11	U	0.11	0.027
75-35-4	1,1-Dichloroethene	0.11	U	0.11	0.029
87-61-6	1,2,3-Trichlorobenzene	0.11	U	0.11	0.039
120-82-1	1,2,4-Trichlorobenzene	0.11	U	0.11	0.030
95-63-6	1,2,4-Trimethylbenzene	6.2		0.11	0.026
96-12-8	1,2-Dibromo-3-Chloropropane	0.11	U	0.11	0.024
95-50-1	1,2-Dichlorobenzene	0.11	U	0.11	0.025
107-06-2	1,2-Dichloroethane	0.11	U	0.11	0.028
78-87-5	1,2-Dichloropropane	0.11	U	0.11	0.020
108-67-8	1,3,5-Trimethylbenzene	1.0		0.11	0.028
541-73-1	1,3-Dichlorobenzene	0.11	U	0.11	0.037
106-46-7	1,4-Dichlorobenzene	0.11	U	0.11	0.037
78-93-3	2-Butanone (MEK)	0.56	U	0.56	0.25
591-78-6	2-Hexanone	0.56	U	0.56	0.13
99-87-6	4-Isopropyltoluene	2.3		0.11	0.029
108-10-1	4-Methyl-2-pentanone (MIBK)	0.56	U	0.56	0.15
67-64-1	Acetone	0.56	U	0.56	0.49
71-43-2	Benzene	0.11	U	0.11	0.023
75-25-2	Bromoform	0.11	U	0.11	0.020
74-83-9	Bromomethane	0.11	U	0.11	0.062
75-15-0	Carbon disulfide	0.11	U	0.11	0.075
56-23-5	Carbon tetrachloride	0.11	U	0.11	0.037
108-90-7	Chlorobenzene	0.11	U	0.11	0.027
74-97-5	Chlorobromomethane	0.11	U	0.11	0.033
124-48-1	Chlorodibromomethane	0.11	U	0.11	0.025
75-00-3	Chloroethane	0.11	U	0.11	0.041
67-66-3	Chloroform	0.11	U	0.11	0.025
74-87-3	Chloromethane	0.11	U	0.11	0.045
156-59-2	cis-1,2-Dichloroethene	0.11	U	0.11	0.029

MT 8/4/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

13

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-N (13-15) | Lab Sample ID: 460-260931-13

Matrix: Solid | Lab File ID: O78707.d

Analysis Method: 8260D | Date Collected: 06/27/2022 15:00

Sample wt/vol: 4.80(g) | Date Analyzed: 07/01/2022 20:39

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 4.6 % Solids: 95.4 | Level: (low/med) Medium

Analysis Batch No.: 853130 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.11	U	0.11	0.025
110-82-7	Cyclohexane	0.55		0.11	0.029
75-27-4	Dichlorobromomethane	0.11	U	0.11	0.017
75-71-8	Dichlorodifluoromethane	0.11	U	0.11	0.035
100-41-4	Ethylbenzene	1.0		0.11	0.033
106-93-4	Ethylene Dibromide	0.11	U	0.11	0.021
98-82-8	Isopropylbenzene	1.4		0.11	0.036
79-20-9	Methyl acetate	0.56	U	0.56	0.087
1634-04-4	Methyl tert-butyl ether	0.11	U	0.11	0.024
108-87-2	Methylcyclohexane	8.5		0.11	0.081
75-09-2	Methylene Chloride	0.11	U	0.11	0.023
179601-23-1	m-Xylene & p-Xylene	0.38		0.11	0.031
91-20-3	Naphthalene	1.4		0.11	0.098
104-51-8	n-Butylbenzene	3.0		0.11	0.030
103-65-1	N-Propylbenzene	2.8		0.11	0.032
95-47-6	o-Xylene	0.15		0.11	0.036
135-98-8	sec-Butylbenzene	2.3		0.11	0.035
100-42-5	Styrene	0.11	U	0.11	0.019
98-06-6	tert-Butylbenzene	0.72		0.11	0.031
127-18-4	Tetrachloroethene	0.11	U	0.11	0.040
108-88-3	Toluene	0.11	U	0.11	0.028
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.11	0.020
10061-02-6	trans-1,3-Dichloropropene	0.11	U	0.11	0.025
79-01-6	Trichloroethene	0.11	U	0.11	0.025
75-69-4	Trichlorofluoromethane	0.11	U	0.11	0.036
75-01-4	Vinyl chloride	0.11	U	0.11	0.022
1330-20-7	Xylenes, Total	0.53		0.22	0.031

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		68-150
460-00-4	4-Bromofluorobenzene	92		70-150
1868-53-7	Dibromofluoromethane (Surr)	75		68-150
2037-26-5	Toluene-d8 (Surr)	89		80-147

FORM I 8260D

MT 8/4/22

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

13

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-N (13-15) | Lab Sample ID: 460-260931-13

Matrix: Solid | Lab File ID: O78707.d

Analysis Method: 8260D | Date Collected: 06/27/2022 15:00

Sample wt/vol: 4.80(g) | Date Analyzed: 07/01/2022 20:39

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 4.6 % Solids: 95.4 | Level: (low/med) Medium

Analysis Batch No.: 853130 | Units: mg/Kg

Number TICs Found: 10 | TIC Result Total: 77.4

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
638-04-0	Cyclohexane, 1,3-dimethyl-, cis-	5.64	7.0	J N NJ	93%
3073-66-3	Cyclohexane, 1,1,3-trimethyl-	6.95	6.5	J N NJ	90%
	Unknown	8.85	6.5	J J	
1678-92-8	Cyclohexane, propyl-	9.02	8.1	J N NJ	95%
6783-92-2	Cyclohexane, 1,1,2,3-tetramethyl-	9.68	9.0	J N	70%
493-02-7	Naphthalene, decahydro-, trans-	11.69	9.6	J N	98%
2870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	12.14	6.9	J N	93%
4920-99-4	Benzene, 1-ethyl-3-(1-methylethyl)-	12.26	6.9	J N	50%
95-93-2	Benzene, 1,2,4,5-tetramethyl-	12.44	8.7	J N	90%
824-90-8	1-Phenyl-1-butene	12.75	8.2	J N	91%

MT 8/1/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

14

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-N (1-4) Lab Sample ID: 460-260931-14

Matrix: Solid Lab File ID: K35965.D

Analysis Method: 8260D Date Collected: 06/27/2022 15:05

Sample wt/vol: 5.41(g) Date Analyzed: 06/29/2022 18:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 10.7 % Solids: 89.3 Level: (low/med) Low

Analysis Batch No.: 852597 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00022
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00019
120-82-1	1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037
95-63-6	1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025
96-12-8	1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048
95-50-1	1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00031
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00044
108-67-8	1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032
541-73-1	1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038
106-46-7	1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0052	U	0.0052	0.00038
591-78-6	2-Hexanone	0.0052	U	0.0052	0.0018
99-87-6	4-Isopropyltoluene	0.0010	U	0.0010	0.00031
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0052	U ✓ U	0.0052	0.0016
67-64-1	Acetone	0.0062	U	0.0062	0.0059
71-43-2	Benzene	0.0010	U	0.0010	0.00027
75-25-2	Bromoform	0.0010	U	0.0010	0.00044
74-83-9	Bromomethane	0.0021	U	0.0021	0.0010
75-15-0	Carbon disulfide	0.0010	U	0.0010	0.00028
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00040
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.0010	U	0.0010	0.00029
124-48-1	Chlorodibromomethane	0.0010	U	0.0010	0.00020
75-00-3	Chloroethane	0.0010	U	0.0010	0.00054
67-66-3	Chloroform	0.0010	U	0.0010	0.0010
74-87-3	Chloromethane	0.0010	U	0.0010	0.00045
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037

MR 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1
SDG No.:
Client Sample ID: TRC-SB-06-N (1-4) | Lab Sample ID: 460-260931-14
Matrix: Solid | Lab File ID: K35965.D
Analysis Method: 8260D | Date Collected: 06/27/2022 15:05
Sample wt/vol: 5.41(g) | Date Analyzed: 06/29/2022 18:13
Soil Aliquot Vol: | Dilution Factor: 1
Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)
Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:
% Moisture: 10.7 % Solids: 89.3 | Level: (low/med) Low
Analysis Batch No.: 852597 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028
110-82-7	Cyclohexane	0.0010	U	0.0010	0.00023
75-27-4	Dichlorobromomethane	0.0010	U	0.0010	0.00027
75-71-8	Dichlorodifluoromethane	0.0010	U	0.0010	0.00035
100-41-4	Ethylbenzene	0.0010	U	0.0010	0.00021
106-93-4	Ethylene Dibromide	0.0010	U	0.0010	0.00019
98-82-8	Isopropylbenzene	0.0010	U	0.0010	0.00029
79-20-9	Methyl acetate	0.0052	U	0.0052	0.0044
1634-04-4	Methyl tert-butyl ether	0.0010	U	0.0010	0.00053
108-87-2	Methylcyclohexane	0.0010	U	0.0010	0.00052
75-09-2	Methylene Chloride	0.0021	U	0.0021	0.0012
179601-23-1	m-Xylene & p-Xylene	0.0010	U	0.0010	0.00018
91-20-3	Naphthalene	0.0016	U	0.0016	0.00042
104-51-8	n-Butylbenzene	0.0010	U	0.0010	0.00030
103-65-1	N-Propylbenzene	0.0010	U	0.0010	0.00018
95-47-6	o-Xylene	0.0010	U	0.0010	0.00020
135-98-8	sec-Butylbenzene	0.0010	U	0.0010	0.00030
100-42-5	Styrene	0.0010	~~U~~ UJ	0.0010	0.00029
98-06-6	tert-Butylbenzene	0.0010	U	0.0010	0.00029
127-18-4	Tetrachloroethene	0.0012		0.0010	0.00032
108-88-3	Toluene	0.0010	~~U~~ UJ	0.0010	0.00024
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0010	~~U~~ UJ	0.0010	0.00028
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00033
75-69-4	Trichlorofluoromethane	0.0010	U	0.0010	0.00042
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00056
1330-20-7	Xylenes, Total	0.0021	U	0.0021	0.00018

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		72-145
460-00-4	4-Bromofluorobenzene	95		75-139
1868-53-7	Dibromofluoromethane (Surr)	94		73-139
2037-26-5	Toluene-d8 (Surr)	99		80-120

MT 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

15

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-16 (1-3) | Lab Sample ID: 460-260996-1

Matrix: Solid | Lab File ID: K35978.D

Analysis Method: 8260D | Date Collected: 06/28/2022 10:15

Sample wt/vol: 5.81(g) | Date Analyzed: 06/29/2022 23:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 9.5 % Solids: 90.5 | Level: (low/med) Low

Analysis Batch No.: 852732 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00095	U	0.00095	0.00022
79-34-5	1,1,2,2-Tetrachloroethane	0.00095	U	0.00095	0.00020
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00095	U	0.00095	0.00029
79-00-5	1,1,2-Trichloroethane	0.00095	U	0.00095	0.00017
75-34-3	1,1-Dichloroethane	0.00095	U	0.00095	0.00020
75-35-4	1,1-Dichloroethene	0.00095	U	0.00095	0.00021
87-61-6	1,2,3-Trichlorobenzene	0.00095	U	0.00095	0.00017
120-82-1	1,2,4-Trichlorobenzene	0.00095	U	0.00095	0.00034
95-63-6	1,2,4-Trimethylbenzene	0.00095	U	0.00095	0.00023
96-12-8	1,2-Dibromo-3-Chloropropane	0.00095	U	0.00095	0.00044
95-50-1	1,2-Dichlorobenzene	0.00095	U	0.00095	0.00034
107-06-2	1,2-Dichloroethane	0.00095	U	0.00095	0.00028
78-87-5	1,2-Dichloropropane	0.00095	U	0.00095	0.00040
108-67-8	1,3,5-Trimethylbenzene	0.00095	U	0.00095	0.00030
541-73-1	1,3-Dichlorobenzene	0.00095	U	0.00095	0.00035
106-46-7	1,4-Dichlorobenzene	0.00095	U	0.00095	0.00021
78-93-3	2-Butanone (MEK)	0.0048	U	0.0048	0.00035
591-78-6	2-Hexanone	0.0048	U	0.0048	0.0016
99-87-6	4-Isopropyltoluene	0.00095	U	0.00095	0.00028
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015
67-64-1	Acetone	0.0057	U	0.0057	0.0054
71-43-2	Benzene	0.00095	U	0.00095	0.00025
75-25-2	Bromoform	0.00095	U	0.00095	0.00040
74-83-9	Bromomethane	0.0019	U	0.0019	0.00095
75-15-0	Carbon disulfide	0.00095	U	0.00095	0.00025
56-23-5	Carbon tetrachloride	0.00095	U	0.00095	0.00037
108-90-7	Chlorobenzene	0.00095	U	0.00095	0.00017
74-97-5	Chlorobromomethane	0.00095	U	0.00095	0.00027
124-48-1	Chlorodibromomethane	0.00095	U	0.00095	0.00018
75-00-3	Chloroethane	0.00095	U	0.00095	0.00050
67-66-3	Chloroform	0.00095	U	0.00095	0.00092
74-87-3	Chloromethane	0.00095	U	0.00095	0.00041
156-59-2	cis-1,2-Dichloroethene	0.00095	U	0.00095	0.00034

MT 8/1/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

15

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-16 (1-3) | Lab Sample ID: 460-260996-1

Matrix: Solid | Lab File ID: K35978.D

Analysis Method: 8260D | Date Collected: 06/28/2022 10:15

Sample wt/vol: 5.81(g) | Date Analyzed: 06/29/2022 23:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 9.5 % Solids: 90.5 | Level: (low/med) Low

Analysis Batch No.: 852732 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.00095	U	0.00095	0.00026
110-82-7	Cyclohexane	0.00095	U	0.00095	0.00021
75-27-4	Dichlorobromomethane	0.00095	U	0.00095	0.00024
75-71-8	Dichlorodifluoromethane	0.00095	U	0.00095	0.00032
100-41-4	Ethylbenzene	0.00095	U	0.00095	0.00019
106-93-4	Ethylene Dibromide	0.00095	U	0.00095	0.00017
98-82-8	Isopropylbenzene	0.00095	U	0.00095	0.00027
79-20-9	Methyl acetate	0.0048	U	0.0048	0.0041
1634-04-4	Methyl tert-butyl ether	0.00095	U	0.00095	0.00049
108-87-2	Methylcyclohexane	0.00095	U	0.00095	0.00047
75-09-2	Methylene Chloride	0.0019	U	0.0019	0.0011
179601-23-1	m-Xylene & p-Xylene	0.00095	U	0.00095	0.00017
91-20-3	Naphthalene	0.0014	U	0.0014	0.00039
104-51-8	n-Butylbenzene	0.00095	U	0.00095	0.00028
103-65-1	N-Propylbenzene	0.00095	U	0.00095	0.00017
95-47-6	o-Xylene	0.00095	U	0.00095	0.00018
135-98-8	sec-Butylbenzene	0.00095	U	0.00095	0.00027
100-42-5	Styrene	0.00095	U	0.00095	0.00026
98-06-6	tert-Butylbenzene	0.00095	U	0.00095	0.00026
127-18-4	Tetrachloroethene	0.00095	U	0.00095	0.00029
108-88-3	Toluene	0.00095	U	0.00095	0.00022
156-60-5	trans-1,2-Dichloroethene	0.00095	U	0.00095	0.00023
10061-02-6	trans-1,3-Dichloropropene	0.00095	U	0.00095	0.00025
79-01-6	Trichloroethene	0.00095	U	0.00095	0.00031
75-69-4	Trichlorofluoromethane	0.00095	U	0.00095	0.00039
75-01-4	Vinyl chloride	0.00095	U	0.00095	0.00052
1330-20-7	Xylenes, Total	0.0019	U	0.0019	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		72-145
460-00-4	4-Bromofluorobenzene	97		75-139
1868-53-7	Dibromofluoromethane (Surr)	95		73-139
2037-26-5	Toluene-d8 (Surr)	102		80-120

MT 8/1/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

16

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-17 (1-2) | Lab Sample ID: 460-260996-2

Matrix: Solid | Lab File ID: K35979.D

Analysis Method: 8260D | Date Collected: 06/28/2022 08:45

Sample wt/vol: 5.93(g) | Date Analyzed: 06/29/2022 23:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 8.1 % Solids: 91.9 | Level: (low/med) Low

Analysis Batch No.: 852732 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00092	U	0.00092	0.00021
79-34-5	1,1,2,2-Tetrachloroethane	0.00092	U	0.00092	0.00020
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00092	U	0.00092	0.00028
79-00-5	1,1,2-Trichloroethane	0.00092	U	0.00092	0.00016
75-34-3	1,1-Dichloroethane	0.00092	U	0.00092	0.00019
75-35-4	1,1-Dichloroethene	0.00092	U	0.00092	0.00021
87-61-6	1,2,3-Trichlorobenzene	0.00092	U	0.00092	0.00017
120-82-1	1,2,4-Trichlorobenzene	0.00092	U	0.00092	0.00033
95-63-6	1,2,4-Trimethylbenzene	0.00092	U	0.00092	0.00023
96-12-8	1,2-Dibromo-3-Chloropropane	0.00092	U	0.00092	0.00042
95-50-1	1,2-Dichlorobenzene	0.00092	U	0.00092	0.00033
107-06-2	1,2-Dichloroethane	0.00092	U	0.00092	0.00027
78-87-5	1,2-Dichloropropane	0.00092	U	0.00092	0.00039
108-67-8	1,3,5-Trimethylbenzene	0.00092	U	0.00092	0.00029
541-73-1	1,3-Dichlorobenzene	0.00092	U	0.00092	0.00033
106-46-7	1,4-Dichlorobenzene	0.00092	U	0.00092	0.00021
78-93-3	2-Butanone (MEK)	0.0046	U	0.0046	0.00034
591-78-6	2-Hexanone	0.0046	U	0.0046	0.0016
99-87-6	4-Isopropyltoluene	0.00092	U	0.00092	0.00027
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014
67-64-1	Acetone	0.0055	U	0.0055	0.0052
71-43-2	Benzene	0.00092	U	0.00092	0.00024
75-25-2	Bromoform	0.00092	U	0.00092	0.00039
74-83-9	Bromomethane	0.0018	U	0.0018	0.00092
75-15-0	Carbon disulfide	0.00092	U	0.00092	0.00024
56-23-5	Carbon tetrachloride	0.00092	U	0.00092	0.00036
108-90-7	Chlorobenzene	0.00092	U	0.00092	0.00016
74-97-5	Chlorobromomethane	0.00092	U	0.00092	0.00026
124-48-1	Chlorodibromomethane	0.00092	U	0.00092	0.00018
75-00-3	Chloroethane	0.00092	U	0.00092	0.00048
67-66-3	Chloroform	0.00092	U	0.00092	0.00089
74-87-3	Chloromethane	0.00092	U	0.00092	0.00040
156-59-2	cis-1,2-Dichloroethene	0.00092	U	0.00092	0.00033

MT 8/1/22

16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-17 (1-2) Lab Sample ID: 460-260996-2

Matrix: Solid Lab File ID: K35979.D

Analysis Method: 8260D Date Collected: 06/28/2022 08:45

Sample wt/vol: 5.93(g) Date Analyzed: 06/29/2022 23:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 8.1 % Solids: 91.9 Level: (low/med) Low

Analysis Batch No.: 852732 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.00092	U	0.00092	0.00025
110-82-7	Cyclohexane	0.00092	U	0.00092	0.00020
75-27-4	Dichlorobromomethane	0.00092	U	0.00092	0.00024
75-71-8	Dichlorodifluoromethane	0.00092	U	0.00092	0.00031
100-41-4	Ethylbenzene	0.00092	U	0.00092	0.00018
106-93-4	Ethylene Dibromide	0.00092	U	0.00092	0.00017
98-82-8	Isopropylbenzene	0.00092	U	0.00092	0.00026
79-20-9	Methyl acetate	0.0046	U	0.0046	0.0039
1634-04-4	Methyl tert-butyl ether	0.00092	U	0.00092	0.00047
108-87-2	Methylcyclohexane	0.00092	U	0.00092	0.00046
75-09-2	Methylene Chloride	0.0018	U	0.0018	0.0011
179601-23-1	m-Xylene & p-Xylene	0.00092	U	0.00092	0.00016
91-20-3	Naphthalene	0.0014	U	0.0014	0.00038
104-51-8	n-Butylbenzene	0.00092	U	0.00092	0.00027
103-65-1	N-Propylbenzene	0.00092	U	0.00092	0.00016
95-47-6	o-Xylene	0.00092	U	0.00092	0.00018
135-98-8	sec-Butylbenzene	0.00092	U	0.00092	0.00026
100-42-5	Styrene	0.00092	U	0.00092	0.00026
98-06-6	tert-Butylbenzene	0.00092	U	0.00092	0.00025
127-18-4	Tetrachloroethene	0.00092	U	0.00092	0.00028
108-88-3	Toluene	0.00092	U	0.00092	0.00021
156-60-5	trans-1,2-Dichloroethene	0.00092	U	0.00092	0.00023
10061-02-6	trans-1,3-Dichloropropene	0.00092	U	0.00092	0.00024
79-01-6	Trichloroethene	0.00092	U	0.00092	0.00029
75-69-4	Trichlorofluoromethane	0.00092	U	0.00092	0.00037
75-01-4	Vinyl chloride	0.00092	U	0.00092	0.00050
1330-20-7	Xylenes, Total	0.0018	U	0.0018	0.00016

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		72-145
460-00-4	4-Bromofluorobenzene	105		75-139
1868-53-7	Dibromofluoromethane (Surr)	96		73-139
2037-26-5	Toluene-d8 (Surr)	109		80-120

FORM I 8260D

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

17

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-02 Lab Sample ID: 460-260996-3

Matrix: Water Lab File ID: V21734.D

Analysis Method: 8260D Date Collected: 06/28/2022 10:45

Sample wt/vol: 5(mL) Date Analyzed: 07/03/2022 12:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853397 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22

MT 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-02 | Lab Sample ID: 460-260996-3

Matrix: Water | Lab File ID: V21734.D

Analysis Method: 8260D | Date Collected: 06/28/2022 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 07/03/2022 12:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853397 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	0.34	J	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
91-20-3	Naphthalene	1.0	U	1.0	0.88
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-128
460-00-4	4-Bromofluorobenzene	110		76-120
1868-53-7	Dibromofluoromethane (Surr)	111		77-124
2037-26-5	Toluene-d8 (Surr)	91		80-120

MT 8/Wn

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

18

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-W (1-4) Lab Sample ID: 460-260996-4

Matrix: Solid Lab File ID: K35980.D

Analysis Method: 8260D Date Collected: 06/28/2022 11:50

Sample wt/vol: 4.66(g) Date Analyzed: 06/29/2022 23:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 9.1 % Solids: 90.9 Level: (low/med) Low

Analysis Batch No.: 852732 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00024
75-35-4	1,1-Dichloroethene	0.0012	U	0.0012	0.00027
87-61-6	1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00021
120-82-1	1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042
95-63-6	1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029
96-12-8	1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054
95-50-1	1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00035
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00050
108-67-8	1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037
541-73-1	1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043
106-46-7	1,4-Dichlorobenzene	0.0012	U	0.0012	0.00027
78-93-3	2-Butanone (MEK)	0.0059	U	0.0059	0.00043
591-78-6	2-Hexanone	0.0059	U	0.0059	0.0020
99-87-6	4-Isopropyltoluene	0.0012	U	0.0012	0.00035
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0059	U	0.0059	0.0018
67-64-1	Acetone	0.019	✓	0.0071	0.0067
71-43-2	Benzene	0.0012	U	0.0012	0.00030
75-25-2	Bromoform	0.0012	U	0.0012	0.00050
74-83-9	Bromomethane	0.0024	U	0.0024	0.0012
75-15-0	Carbon disulfide	0.0012	U	0.0012	0.00031
56-23-5	Carbon tetrachloride	0.0012	U	0.0012	0.00046
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00021
74-97-5	Chlorobromomethane	0.0012	U	0.0012	0.00033
124-48-1	Chlorodibromomethane	0.0012	U	0.0012	0.00023
75-00-3	Chloroethane	0.0012	U	0.0012	0.00062
67-66-3	Chloroform	0.0012	U	0.0012	0.0011
74-87-3	Chloromethane	0.0012	U	0.0012	0.00051
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042

MT 8/11/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

18

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-W (1-4) | Lab Sample ID: 460-260996-4

Matrix: Solid | Lab File ID: K35980.D

Analysis Method: 8260D | Date Collected: 06/28/2022 11:50

Sample wt/vol: 4.66(g) | Date Analyzed: 06/29/2022 23:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 9.1 % Solids: 90.9 | Level: (low/med) Low

Analysis Batch No.: 852732 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
110-82-7	Cyclohexane	0.0012	U	0.0012	0.00026
75-27-4	Dichlorobromomethane	0.0012	U	0.0012	0.00030
75-71-8	Dichlorodifluoromethane	0.0012	U	0.0012	0.00040
100-41-4	Ethylbenzene	0.0012	U	0.0012	0.00023
106-93-4	Ethylene Dibromide	0.0012	U	0.0012	0.00021
98-82-8	Isopropylbenzene	0.0012	U	0.0012	0.00034
79-20-9	Methyl acetate	0.0059	U	0.0059	0.0051
1634-04-4	Methyl tert-butyl ether	0.0012	U	0.0012	0.00060
108-87-2	Methylcyclohexane	0.0012	U	0.0012	0.00059
75-09-2	Methylene Chloride	0.0024	U	0.0024	0.0014
179601-23-1	m-Xylene & p-Xylene	0.0012	U	0.0012	0.00021
91-20-3	Naphthalene	0.0018	U	0.0018	0.00048
104-51-8	n-Butylbenzene	0.0012	U	0.0012	0.00035
103-65-1	N-Propylbenzene	0.0012	U	0.0012	0.00021
95-47-6	o-Xylene	0.0012	U	0.0012	0.00023
135-98-8	sec-Butylbenzene	0.0012	U	0.0012	0.00034
100-42-5	Styrene	0.0012	Y U	0.0012	0.00033
98-06-6	tert-Butylbenzene	0.0012	U	0.0012	0.00033
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00036
108-88-3	Toluene	0.0012	U	0.0012	0.00028
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029
10061-02-6	trans-1,3-Dichloropropene	0.0012	Y / U	0.0012	0.00031
79-01-6	Trichloroethene	0.0012	U	0.0012	0.00038
75-69-4	Trichlorofluoromethane	0.0012	U /	0.0012	0.00048
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00064
1330-20-7	Xylenes, Total	0.0024	U	0.0024	0.00021

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		72-145
460-00-4	4-Bromofluorobenzene	98		75-139
1868-53-7	Dibromofluoromethane (Surr)	88		73-139
2037-26-5	Toluene-d8 (Surr)	99		80-120

FORM I 8260D

MM 8/4/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

19

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-W (20-22) Lab Sample ID: 460-260996-5

Matrix: Solid Lab File ID: K35981.D

Analysis Method: 8260D Date Collected: 06/28/2022 12:00

Sample wt/vol: 5.90(g) Date Analyzed: 06/30/2022 00:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 16.9 % Solids: 83.1 Level: (low/med) Low

Analysis Batch No.: 852732 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00022
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037
95-63-6	1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025
96-12-8	1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047
95-50-1	1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00043
108-67-8	1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032
541-73-1	1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0051	U	0.0051	0.00038
591-78-6	2-Hexanone	0.0051	U	0.0051	0.0017
99-87-6	4-Isopropyltoluene	0.0010	U	0.0010	0.00030
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016
67-64-1	Acetone	0.0061	U	0.0061	0.0058
71-43-2	Benzene	0.0010	U	0.0010	0.00026
75-25-2	Bromoform	0.0010	U	0.0010	0.00043
74-83-9	Bromomethane	0.0020	U	0.0020	0.0010
75-15-0	Carbon disulfide	0.0010	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.0010	U	0.0010	0.00029
124-48-1	Chlorodibromomethane	0.0010	U	0.0010	0.00020
75-00-3	Chloroethane	0.0010	U	0.0010	0.00053
67-66-3	Chloroform	0.0010	U	0.0010	0.00099
74-87-3	Chloromethane	0.0010	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037

MM 8/1/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1
SDG No.:
Client Sample ID: TRC-SB-06-W (20-22) | Lab Sample ID: 460-260996-5
Matrix: Solid | Lab File ID: K35981.D
Analysis Method: 8260D | Date Collected: 06/28/2022 12:00
Sample wt/vol: 5.90(g) | Date Analyzed: 06/30/2022 00:10
Soil Aliquot Vol: | Dilution Factor: 1
Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)
Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:
% Moisture: 16.9 % Solids: 83.1 | Level: (low/med) Low
Analysis Batch No.: 852732 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028
110-82-7	Cyclohexane	0.0010	U	0.0010	0.00023
75-27-4	Dichlorobromomethane	0.0010	U	0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.0010	U	0.0010	0.00034
100-41-4	Ethylbenzene	0.0010	U	0.0010	0.00020
106-93-4	Ethylene Dibromide	0.0010	U	0.0010	0.00018
98-82-8	Isopropylbenzene	0.0010	U	0.0010	0.00029
79-20-9	Methyl acetate	0.0051	U	0.0051	0.0044
1634-04-4	Methyl tert-butyl ether	0.0010	U	0.0010	0.00052
108-87-2	Methylcyclohexane	0.0010	U	0.0010	0.00051
75-09-2	Methylene Chloride	0.0020	U	0.0020	0.0012
179601-23-1	m-Xylene & p-Xylene	0.0010	U	0.0010	0.00018
91-20-3	Naphthalene	0.0015	U	0.0015	0.00042
104-51-8	n-Butylbenzene	0.0010	U	0.0010	0.00030
103-65-1	N-Propylbenzene	0.0010	U	0.0010	0.00018
95-47-6	o-Xylene	0.0010	U	0.0010	0.00020
135-98-8	sec-Butylbenzene	0.0010	U	0.0010	0.00029
100-42-5	Styrene	0.0010	U UJ	0.0010	0.00028
98-06-6	tert-Butylbenzene	0.0010	U	0.0010	0.00028
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00031
108-88-3	Toluene	0.0010	U	0.0010	0.00024
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0010	U UJ	0.0010	0.00027
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00033
75-69-4	Trichlorofluoromethane	0.0010	U	0.0010	0.00041
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00056
1330-20-7	Xylenes, Total	0.0020	U	0.0020	0.00018

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		72-145
460-00-4	4-Bromofluorobenzene	95		75-139
1868-53-7	Dibromofluoromethane (Surr)	95		73-139
2037-26-5	Toluene-d8 (Surr)	101		80-120

MM 8/1/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

20

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-E (1-3) Lab Sample ID: 460-260996-6

Matrix: Solid Lab File ID: K35982.D

Analysis Method: 8260D Date Collected: 06/28/2022 13:40

Sample wt/vol: 4.91(g) Date Analyzed: 06/30/2022 00:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 6.5 % Solids: 93.5 Level: (low/med) Low

Analysis Batch No.: 852732 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00023
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00022
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00025
87-61-6	1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00020
120-82-1	1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039
95-63-6	1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027
96-12-8	1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050
95-50-1	1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00032
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00046
108-67-8	1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034
541-73-1	1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040
106-46-7	1,4-Dichlorobenzene	0.0011	U	0.0011	0.00025
78-93-3	2-Butanone (MEK)	0.0054	U	0.0054	0.00040
591-78-6	2-Hexanone	0.0054	U	0.0054	0.0019
99-87-6	4-Isopropyltoluene	0.0011	U	0.0011	0.00033
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017
67-64-1	Acetone	0.0065	U	0.0065	0.0062
71-43-2	Benzene	0.0011	U	0.0011	0.00028
75-25-2	Bromoform	0.0011	U	0.0011	0.00046
74-83-9	Bromomethane	0.0022	U	0.0022	0.0011
75-15-0	Carbon disulfide	0.0011	U	0.0011	0.00029
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00042
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00019
74-97-5	Chlorobromomethane	0.0011	U	0.0011	0.00031
124-48-1	Chlorodibromomethane	0.0011	U	0.0011	0.00021
75-00-3	Chloroethane	0.0011	U	0.0011	0.00057
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
74-87-3	Chloromethane	0.0011	U	0.0011	0.00047
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039

MT 8/1/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

20

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-E (1-3) | Lab Sample ID: 460-260996-6

Matrix: Solid | Lab File ID: K35982.D

Analysis Method: 8260D | Date Collected: 06/28/2022 13:40

Sample wt/vol: 4.91(g) | Date Analyzed: 06/30/2022 00:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 6.5 % Solids: 93.5 | Level: (low/med) Low

Analysis Batch No.: 852732 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030
110-82-7	Cyclohexane	0.0011	U	0.0011	0.00024
75-27-4	Dichlorobromomethane	0.0011	U	0.0011	0.00028
75-71-8	Dichlorodifluoromethane	0.0011	U	0.0011	0.00037
100-41-4	Ethylbenzene	0.0011	U	0.0011	0.00022
106-93-4	Ethylene Dibromide	0.0011	U	0.0011	0.00020
98-82-8	Isopropylbenzene	0.0011	U	0.0011	0.00031
79-20-9	Methyl acetate	0.0054	U	0.0054	0.0047
1634-04-4	Methyl tert-butyl ether	0.0011	U	0.0011	0.00056
108-87-2	Methylcyclohexane	0.0011	U	0.0011	0.00054
75-09-2	Methylene Chloride	0.0022	U	0.0022	0.0012
179601-23-1	m-Xylene & p-Xylene	0.0011	U	0.0011	0.00019
91-20-3	Naphthalene	0.0016	U	0.0016	0.00045
104-51-8	n-Butylbenzene	0.0011	U	0.0011	0.00032
103-65-1	N-Propylbenzene	0.0011	U	0.0011	0.00019
95-47-6	o-Xylene	0.0011	U	0.0011	0.00021
135-98-8	sec-Butylbenzene	0.0011	U	0.0011	0.00031
100-42-5	Styrene	0.0011	U	0.0011	0.00030
98-06-6	tert-Butylbenzene	0.0011	U	0.0011	0.00030
127-18-4	Tetrachloroethene	0.0011	U	0.0011	0.00033
108-88-3	Toluene	0.0011	U	0.0011	0.00025
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029
79-01-6	Trichloroethene	0.0011	U	0.0011	0.00035
75-69-4	Trichlorofluoromethane	0.0011	U	0.0011	0.00044
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00059
1330-20-7	Xylenes, Total	0.0022	U	0.0022	0.00019

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		72-145
460-00-4	4-Bromofluorobenzene	98		75-139
1868-53-7	Dibromofluoromethane (Surr)	104		73-139
2037-26-5	Toluene-d8 (Surr)	102		80-120

MM 8/11/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

21

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-14 (1-4) | Lab Sample ID: 460-261082-1

Matrix: Solid | Lab File ID: D95262.D

Analysis Method: 8260D | Date Collected: 06/29/2022 10:37

Sample wt/vol: 5.43(g) | Date Analyzed: 06/30/2022 21:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 14.4 % Solids: 85.6 | Level: (low/med) Low

Analysis Batch No.: 852974 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00023
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00022
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00024
87-61-6	1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00019
120-82-1	1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039
95-63-6	1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026
96-12-8	1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049
95-50-1	1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00032
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00046
108-67-8	1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034
541-73-1	1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039
106-46-7	1,4-Dichlorobenzene	0.0011	U	0.0011	0.00024
78-93-3	2-Butanone (MEK)	0.0054	U	0.0054	0.00040
591-78-6	2-Hexanone	0.0054	U	0.0054	0.0018
99-87-6	4-Isopropyltoluene	0.0011	U	0.0011	0.00032
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017
67-64-1	Acetone	0.0065	U	0.0065	0.0062
71-43-2	Benzene	0.0011	U	0.0011	0.00028
75-25-2	Bromoform	0.0011	U	0.0011	0.00046
74-83-9	Bromomethane	0.0022	U	0.0022	0.0011
75-15-0	Carbon disulfide	0.0011	U	0.0011	0.00029
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00042
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00019
74-97-5	Chlorobromomethane	0.0011	U	0.0011	0.00030
124-48-1	Chlorodibromomethane	0.0011	U	0.0011	0.00021
75-00-3	Chloroethane	0.0011	U	0.0011	0.00056
67-66-3	Chloroform	0.0011	U	0.0011	0.0010
74-87-3	Chloromethane	0.0011	U	0.0011	0.00047
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039

MT 8/4/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

21

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-14 (1-4) | Lab Sample ID: 460-261082-1

Matrix: Solid | Lab File ID: D95262.D

Analysis Method: 8260D | Date Collected: 06/29/2022 10:37

Sample wt/vol: 5.43(g) | Date Analyzed: 06/30/2022 21:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 14.4 % Solids: 85.6 | Level: (low/med) Low

Analysis Batch No.: 852974 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029
110-82-7	Cyclohexane	0.0011	U	0.0011	0.00024
75-27-4	Dichlorobromomethane	0.0011	U	0.0011	0.00028
75-71-8	Dichlorodifluoromethane	0.0011	U	0.0011	0.00036
100-41-4	Ethylbenzene	0.0011	U	0.0011	0.00021
106-93-4	Ethylene Dibromide	0.0011	U	0.0011	0.00019
98-82-8	Isopropylbenzene	0.0011	U	0.0011	0.00031
79-20-9	Methyl acetate	0.0054	U	0.0054	0.0046
1634-04-4	Methyl tert-butyl ether	0.0011	U	0.0011	0.00055
108-87-2	Methylcyclohexane	0.0011	U	0.0011	0.00054
75-09-2	Methylene Chloride	0.0022	U	0.0022	0.0012
179601-23-1	m-Xylene & p-Xylene	0.0011	U	0.0011	0.00019
91-20-3	Naphthalene	0.0016	U	0.0016	0.00044
104-51-8	n-Butylbenzene	0.0011	U	0.0011	0.00032
103-65-1	N-Propylbenzene	0.0011	U	0.0011	0.00019
95-47-6	o-Xylene	0.0011	U	0.0011	0.00021
135-98-8	sec-Butylbenzene	0.0011	U	0.0011	0.00031
100-42-5	Styrene	0.0011	U	0.0011	0.00030
98-06-6	tert-Butylbenzene	0.0011	U	0.0011	0.00030
127-18-4	Tetrachloroethene	0.0011	U	0.0011	0.00033
108-88-3	Toluene	0.0011	U	0.0011	0.00025
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029
79-01-6	Trichloroethene	0.0011	U	0.0011	0.00035
75-69-4	Trichlorofluoromethane	0.0011	U	0.0011	0.00044
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00059
1330-20-7	Xylenes, Total	0.0022	U	0.0022	0.00019

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		72-145
460-00-4	4-Bromofluorobenzene	95		75-139
1868-53-7	Dibromofluoromethane (Surr)	93		73-139
2037-26-5	Toluene-d8 (Surr)	95		80-120

MM 8/4/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

22

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-14 (12-15) | Lab Sample ID: 460-261082-2

Matrix: Solid | Lab File ID: D95263.D

Analysis Method: 8260D | Date Collected: 06/29/2022 11:35

Sample wt/vol: 5.26(g) | Date Analyzed: 06/30/2022 22:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 8.0 % Solids: 92.0 | Level: (low/med) Low

Analysis Batch No.: 852974 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00022
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00019
120-82-1	1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037
95-63-6	1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025
96-12-8	1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048
95-50-1	1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00031
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00044
108-67-8	1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032
541-73-1	1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038
106-46-7	1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0052	U	0.0052	0.00038
591-78-6	2-Hexanone	0.0052	U	0.0052	0.0018
99-87-6	4-Isopropyltoluene	0.0010	U	0.0010	0.00031
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016
67-64-1	Acetone	0.0082		0.0062	0.0059
71-43-2	Benzene	0.0010	U	0.0010	0.00027
75-25-2	Bromoform	0.0010	U	0.0010	0.00044
74-83-9	Bromomethane	0.0021	U	0.0021	0.0010
75-15-0	Carbon disulfide	0.0010	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00040
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.0010	U	0.0010	0.00029
124-48-1	Chlorodibromomethane	0.0010	U	0.0010	0.00020
75-00-3	Chloroethane	0.0010	U	0.0010	0.00054
67-66-3	Chloroform	0.0010	U	0.0010	0.0010
74-87-3	Chloromethane	0.0010	U	0.0010	0.00045
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037

MM 8/1/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

22

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-14 (12-15) | Lab Sample ID: 460-261082-2

Matrix: Solid | Lab File ID: D95263.D

Analysis Method: 8260D | Date Collected: 06/29/2022 11:35

Sample wt/vol: 5.26(g) | Date Analyzed: 06/30/2022 22:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 8.0 % Solids: 92.0 | Level: (low/med) Low

Analysis Batch No.: 852974 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028
110-82-7	Cyclohexane	0.0010	U	0.0010	0.00023
75-27-4	Dichlorobromomethane	0.0010	U	0.0010	0.00027
75-71-8	Dichlorodifluoromethane	0.0010	U	0.0010	0.00035
100-41-4	Ethylbenzene	0.0010	U	0.0010	0.00021
106-93-4	Ethylene Dibromide	0.0010	U	0.0010	0.00019
98-82-8	Isopropylbenzene	0.0010	U	0.0010	0.00029
79-20-9	Methyl acetate	0.0052	U	0.0052	0.0044
1634-04-4	Methyl tert-butyl ether	0.0010	U	0.0010	0.00053
108-87-2	Methylcyclohexane	0.0010	U	0.0010	0.00052
75-09-2	Methylene Chloride	0.0021	U	0.0021	0.0012
179601-23-1	m-Xylene & p-Xylene	0.0010	U	0.0010	0.00018
91-20-3	Naphthalene	0.0015	U	0.0015	0.00042
104-51-8	n-Butylbenzene	0.0010	U	0.0010	0.00030
103-65-1	N-Propylbenzene	0.0010	U	0.0010	0.00018
95-47-6	o-Xylene	0.0010	U	0.0010	0.00020
135-98-8	sec-Butylbenzene	0.0010	U	0.0010	0.00030
100-42-5	Styrene	0.0010	U	0.0010	0.00029
98-06-6	tert-Butylbenzene	0.0010	U	0.0010	0.00029
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00032
108-88-3	Toluene	0.0010	U	0.0010	0.00024
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00033
75-69-4	Trichlorofluoromethane	0.0010	U	0.0010	0.00042
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00056
1330-20-7	Xylenes, Total	0.0021	U	0.0021	0.00018

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		72-145
460-00-4	4-Bromofluorobenzene	92		75-139
1868-53-7	Dibromofluoromethane (Surr)	92		73-139
2037-26-5	Toluene-d8 (Surr)	94		80-120

MT 8/1/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

23

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-DUP-02 | Lab Sample ID: 460-261082-3

Matrix: Solid | Lab File ID: D95264.D

Analysis Method: 8260D | Date Collected: 06/29/2022 11:40

Sample wt/vol: 5.45(g) | Date Analyzed: 06/30/2022 22:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 5.5 % Solids: 94.5 | Level: (low/med) Low

Analysis Batch No.: 852974 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00097	U	0.00097	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029
79-00-5	1,1,2-Trichloroethane	0.00097	U	0.00097	0.00017
75-34-3	1,1-Dichloroethane	0.00097	U	0.00097	0.00020
75-35-4	1,1-Dichloroethene	0.00097	U	0.00097	0.00022
87-61-6	1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035
95-63-6	1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024
96-12-8	1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00045
95-50-1	1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035
107-06-2	1,2-Dichloroethane	0.00097	U	0.00097	0.00029
78-87-5	1,2-Dichloropropane	0.00097	U	0.00097	0.00041
108-67-8	1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00030
541-73-1	1,3-Dichlorobenzene	0.00097	U	0.00097	0.00035
106-46-7	1,4-Dichlorobenzene	0.00097	U	0.00097	0.00022
78-93-3	2-Butanone (MEK)	0.0049	U	0.0049	0.00036
591-78-6	2-Hexanone	0.0049	U	0.0049	0.0017
99-87-6	4-Isopropyltoluene	0.00097	U	0.00097	0.00029
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015
67-64-1	Acetone	0.0058	U	0.0058	0.0056
71-43-2	Benzene	0.00097	U	0.00097	0.00025
75-25-2	Bromoform	0.00097	U	0.00097	0.00041
74-83-9	Bromomethane	0.0019	U	0.0019	0.00097
75-15-0	Carbon disulfide	0.00097	U	0.00097	0.00026
56-23-5	Carbon tetrachloride	0.00097	U	0.00097	0.00038
108-90-7	Chlorobenzene	0.00097	U	0.00097	0.00017
74-97-5	Chlorobromomethane	0.00097	U	0.00097	0.00027
124-48-1	Chlorodibromomethane	0.00097	U	0.00097	0.00019
75-00-3	Chloroethane	0.00097	U	0.00097	0.00051
67-66-3	Chloroform	0.00097	U	0.00097	0.00094
74-87-3	Chloromethane	0.00097	U	0.00097	0.00042
156-59-2	cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035

MM 8/Wn

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

23

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-DUP-02 | Lab Sample ID: 460-261082-3

Matrix: Solid | Lab File ID: D95264.D

Analysis Method: 8260D | Date Collected: 06/29/2022 11:40

Sample wt/vol: 5.45(g) | Date Analyzed: 06/30/2022 22:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 5.5 % Solids: 94.5 | Level: (low/med) Low

Analysis Batch No.: 852974 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00027
110-82-7	Cyclohexane	0.00097	U	0.00097	0.00021
75-27-4	Dichlorobromomethane	0.00097	U	0.00097	0.00025
75-71-8	Dichlorodifluoromethane	0.00097	U	0.00097	0.00033
100-41-4	Ethylbenzene	0.00097	U	0.00097	0.00019
106-93-4	Ethylene Dibromide	0.00097	U	0.00097	0.00017
98-82-8	Isopropylbenzene	0.00097	U	0.00097	0.00028
79-20-9	Methyl acetate	0.0049	U	0.0049	0.0042
1634-04-4	Methyl tert-butyl ether	0.00097	U	0.00097	0.00050
108-87-2	Methylcyclohexane	0.00097	U	0.00097	0.00048
75-09-2	Methylene Chloride	0.0019	U	0.0019	0.0011
179601-23-1	m-Xylene & p-Xylene	0.00097	U	0.00097	0.00017
91-20-3	Naphthalene	0.0015	U	0.0015	0.00040
104-51-8	n-Butylbenzene	0.00097	U	0.00097	0.00029
103-65-1	N-Propylbenzene	0.00097	U	0.00097	0.00017
95-47-6	o-Xylene	0.00097	U	0.00097	0.00019
135-98-8	sec-Butylbenzene	0.00097	U	0.00097	0.00028
100-42-5	Styrene	0.00097	U	0.00097	0.00027
98-06-6	tert-Butylbenzene	0.00097	U	0.00097	0.00027
127-18-4	Tetrachloroethene	0.00097	U	0.00097	0.00030
108-88-3	Toluene	0.00097	U	0.00097	0.00023
156-60-5	trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024
10061-02-6	trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026
79-01-6	Trichloroethene	0.00097	U	0.00097	0.00031
75-69-4	Trichlorofluoromethane	0.00097	U	0.00097	0.00039
75-01-4	Vinyl chloride	0.00097	U	0.00097	0.00053
1330-20-7	Xylenes, Total	0.0019	U	0.0019	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		72-145
460-00-4	4-Bromofluorobenzene	92		75-139
1868-53-7	Dibromofluoromethane (Surr)	93		73-139
2037-26-5	Toluene-d8 (Surr)	96		80-120

MM 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

24

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-03 | Lab Sample ID: 460-261082-4

Matrix: Water | Lab File ID: T649935.D

Analysis Method: 8260D | Date Collected: 06/29/2022 12:05

Sample wt/vol: 5(mL) | Date Analyzed: 07/06/2022 00:45

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 853677 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22

MT 8/11/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

24

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-03 | Lab Sample ID: 460-261082-4

Matrix: Water | Lab File ID: T649935.D

Analysis Method: 8260D | Date Collected: 06/29/2022 12:05

Sample wt/vol: 5(mL) | Date Analyzed: 07/06/2022 00:45

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 853677 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
91-20-3	Naphthalene	1.0	U	1.0	0.88
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-128
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-124
2037-26-5	Toluene-d8 (Surr)	111		80-120

FORM I 8260D

MT 8/4/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

25

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-N(22.5-24.5) | Lab Sample ID: 460-261270-1

Matrix: Solid | Lab File ID: O78908.d

Analysis Method: 8260D | Date Collected: 07/01/2022 09:00

Sample wt/vol: 5.58(g) | Date Analyzed: 07/06/2022 15:12

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 16.4 % Solids: 83.6 | Level: (low/med) Medium

Analysis Batch No.: 853765 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.12	U	0.12	0.033
79-34-5	1,1,2,2-Tetrachloroethane	0.12	U	0.12	0.023
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.12	U	0.12	0.040
79-00-5	1,1,2-Trichloroethane	0.12	U	0.12	0.024
75-34-3	1,1-Dichloroethane	0.12	U	0.12	0.028
75-35-4	1,1-Dichloroethene	0.12	U	0.12	0.031
87-61-6	1,2,3-Trichlorobenzene	0.12	U	0.12	0.041
120-82-1	1,2,4-Trichlorobenzene	0.12	U	0.12	0.032
95-63-6	1,2,4-Trimethylbenzene	2.8		0.12	0.027
96-12-8	1,2-Dibromo-3-Chloropropane	0.12	U	0.12	0.025
95-50-1	1,2-Dichlorobenzene	0.12	U	0.12	0.026
107-06-2	1,2-Dichloroethane	0.12	U	0.12	0.029
78-87-5	1,2-Dichloropropane	0.12	U	0.12	0.021
108-67-8	1,3,5-Trimethylbenzene	1.2		0.12	0.029
541-73-1	1,3-Dichlorobenzene	0.12	U	0.12	0.039
106-46-7	1,4-Dichlorobenzene	0.12	U	0.12	0.039
78-93-3	2-Butanone (MEK)	0.58	U	0.58	0.26
591-78-6	2-Hexanone	0.58	U	0.58	0.13
99-87-6	4-Isopropyltoluene	0.27		0.12	0.030
108-10-1	4-Methyl-2-pentanone (MIBK)	0.58	U	0.58	0.15
67-64-1	Acetone	0.58	U	0.58	0.52
71-43-2	Benzene	0.12	U	0.12	0.024
75-25-2	Bromoform	0.12	U	0.12	0.021
74-83-9	Bromomethane	0.12	U	0.12	0.065
75-15-0	Carbon disulfide	0.12	U	0.12	0.079
56-23-5	Carbon tetrachloride	0.12	U	0.12	0.039
108-90-7	Chlorobenzene	0.12	U	0.12	0.028
74-97-5	Chlorobromomethane	0.12	U	0.12	0.035
124-48-1	Chlorodibromomethane	0.12	U	0.12	0.026
75-00-3	Chloroethane	0.12	U	0.12	0.043
67-66-3	Chloroform	0.12	U	0.12	0.026
74-87-3	Chloromethane	0.12	U	0.12	0.047
156-59-2	cis-1,2-Dichloroethene	0.12	U	0.12	0.030

MT 8/Wn

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

25

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-N(22.5-24.5) Lab Sample ID: 460-261270-1

Matrix: Solid Lab File ID: O78908.d

Analysis Method: 8260D Date Collected: 07/01/2022 09:00

Sample wt/vol: 5.58(g) Date Analyzed: 07/06/2022 15:12

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 16.4 % Solids: 83.6 Level: (low/med) Medium

Analysis Batch No.: 853765 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.12	0.026
110-82-7	Cyclohexane	0.86		0.12	0.030
75-27-4	Dichlorobromomethane	0.12	U	0.12	0.018
75-71-8	Dichlorodifluoromethane	0.12	U	0.12	0.036
100-41-4	Ethylbenzene	0.47		0.12	0.035
106-93-4	Ethylene Dibromide	0.12	U	0.12	0.022
98-82-8	Isopropylbenzene	0.24		0.12	0.037
79-20-9	Methyl acetate	0.58	U	0.58	0.092
1634-04-4	Methyl tert-butyl ether	0.12	U	0.12	0.025
108-87-2	Methylcyclohexane	4.6		0.12	0.085
75-09-2	Methylene Chloride	0.12	U	0.12	0.025
179601-23-1	m-Xylene & p-Xylene	1.5		0.12	0.033
91-20-3	Naphthalene	0.51		0.12	0.10
104-51-8	n-Butylbenzene	0.23		0.12	0.032
103-65-1	N-Propylbenzene	0.37		0.12	0.034
95-47-6	o-Xylene	0.15		0.12	0.037
135-98-8	sec-Butylbenzene	0.13		0.12	0.036
100-42-5	Styrene	0.12	U	0.12	0.020
98-06-6	tert-Butylbenzene	0.12	U	0.12	0.033
127-18-4	Tetrachloroethene	0.12	U	0.12	0.042
108-88-3	Toluene	0.12	U	0.12	0.029
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.12	0.021
10061-02-6	trans-1,3-Dichloropropene	0.12	U	0.12	0.026
79-01-6	Trichloroethene	0.12	U	0.12	0.026
75-69-4	Trichlorofluoromethane	0.12	U	0.12	0.037
75-01-4	Vinyl chloride	0.12	U	0.12	0.023
1330-20-7	Xylenes, Total	1.6		0.23	0.033

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		68-150
460-00-4	4-Bromofluorobenzene	87		70-150
1868-53-7	Dibromofluoromethane (Surr)	77		68-150
2037-26-5	Toluene-d8 (Surr)	88		80-147

MT 8/10/22

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

25

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-N(22.5-24.5) Lab Sample ID: 460-261270-1

Matrix: Solid Lab File ID: O78908.d

Analysis Method: 8260D Date Collected: 07/01/2022 09:00

Sample wt/vol: 5.58(g) Date Analyzed: 07/06/2022 15:12

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 16.4 % Solids: 83.6 Level: (low/med) Medium

Analysis Batch No.: 853765 Units: mg/Kg

Number TICs Found: 10 TIC Result Total: 13.62

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
638-04-0	Cyclohexane, 1,3-dimethyl-, cis-	5.64	1.1	J N ND	94%
111-65-9	Octane	6.01	1.8	J N	90%
6876-23-9	Cyclohexane, 1,2-dimethyl-, trans-	6.07	0.93	J N	90%
	Unknown alkane	7.42	1.0	J J	
111-84-2	Nonane	8.20	2.7	J N ND	95%
3728-54-9	Cyclohexane, 1-ethyl-2-methyl-	8.52	0.89	J N ND	86%
	Unknown alkane	8.96	1.0	J J	
1678-92-8	Cyclohexane, propyl-	9.02	1.2	J N ND	90%
611-14-3	Benzene, 1-ethyl-2-methyl-	10.06	1.4	J N	95%
124-18-5	Decane	10.37	1.6	J N	97%

FORM I-TIC 8260D

MM 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

26

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-W(18.5-20.0) Lab Sample ID: 460-261270-2

Matrix: Solid Lab File ID: O78838.d

Analysis Method: 8260D Date Collected: 07/01/2022 09:52

Sample wt/vol: 6.25(g) Date Analyzed: 07/05/2022 08:43

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 16.2 % Solids: 83.8 Level: (low/med) Medium

Analysis Batch No.: 853529 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.11	U	0.11	0.029
79-34-5	1,1,2,2-Tetrachloroethane	0.11	U	0.11	0.021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.11	U	0.11	0.036
79-00-5	1,1,2-Trichloroethane	0.11	U	0.11	0.021
75-34-3	1,1-Dichloroethane	0.11	U	0.11	0.025
75-35-4	1,1-Dichloroethene	0.11	U	0.11	0.028
87-61-6	1,2,3-Trichlorobenzene	0.11	U	0.11	0.037
120-82-1	1,2,4-Trichlorobenzene	0.11	U	0.11	0.028
95-63-6	1,2,4-Trimethylbenzene	21		0.11	0.024
96-12-8	1,2-Dibromo-3-Chloropropane	0.11	U	0.11	0.022
95-50-1	1,2-Dichlorobenzene	0.11	U	0.11	0.023
107-06-2	1,2-Dichloroethane	0.11	U	0.11	0.026
78-87-5	1,2-Dichloropropane	0.11	U	0.11	0.019
108-67-8	1,3,5-Trimethylbenzene	7.8		0.11	0.026
541-73-1	1,3-Dichlorobenzene	0.11	U	0.11	0.035
106-46-7	1,4-Dichlorobenzene	0.11	U	0.11	0.035
78-93-3	2-Butanone (MEK)	0.53	U	0.53	0.23
591-78-6	2-Hexanone	0.53	U	0.53	0.12
99-87-6	4-Isopropyltoluene	2.2		0.11	0.027
108-10-1	4-Methyl-2-pentanone (MIBK)	0.53	U	0.53	0.14
67-64-1	Acetone	0.53	U	0.53	0.46
71-43-2	Benzene	0.11	U	0.11	0.021
75-25-2	Bromoform	0.11	U	0.11	0.019
74-83-9	Bromomethane	0.11	U	0.11	0.058
75-15-0	Carbon disulfide	0.11	U	0.11	0.071
56-23-5	Carbon tetrachloride	0.11	U	0.11	0.035
108-90-7	Chlorobenzene	0.11	U	0.11	0.025
74-97-5	Chlorobromomethane	0.11	U	0.11	0.032
124-48-1	Chlorodibromomethane	0.11	U	0.11	0.023
75-00-3	Chloroethane	0.11	U	0.11	0.039
67-66-3	Chloroform	0.11	U	0.11	0.023
74-87-3	Chloromethane	0.11	U	0.11	0.042
156-59-2	cis-1,2-Dichloroethene	0.11	U	0.11	0.027

MM 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

76

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-W(18.5-20.0) | Lab Sample ID: 460-261270-2

Matrix: Solid | Lab File ID: O78838.d

Analysis Method: 8260D | Date Collected: 07/01/2022 09:52

Sample wt/vol: 6.25(g) | Date Analyzed: 07/05/2022 08:43

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 16.2 % Solids: 83.8 | Level: (low/med) Medium

Analysis Batch No.: 853529 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.11	U	0.11	0.023
110-82-7	Cyclohexane	3.6		0.11	0.027
75-27-4	Dichlorobromomethane	0.11	U	0.11	0.016
75-71-8	Dichlorodifluoromethane	0.11	U	0.11	0.033
100-41-4	Ethylbenzene	4.0		0.11	0.032
106-93-4	Ethylene Dibromide	0.11	U	0.11	0.020
98-82-8	Isopropylbenzene	1.7		0.11	0.034
79-20-9	Methyl acetate	0.53	U	0.53	0.082
1634-04-4	Methyl tert-butyl ether	0.11	U	0.11	0.022
108-87-2	Methylcyclohexane	27		0.11	0.076
75-09-2	Methylene Chloride	0.11	U	0.11	0.022
179601-23-1	m-Xylene & p-Xylene	6.1		0.11	0.029
91-20-3	Naphthalene	4.0		0.11	0.092
104-51-8	n-Butylbenzene	1.9		0.11	0.028
103-65-1	N-Propylbenzene	2.8		0.11	0.030
95-47-6	o-Xylene	0.33		0.11	0.034
135-98-8	sec-Butylbenzene	0.93		0.11	0.033
100-42-5	Styrene	0.11	U	0.11	0.018
98-06-6	tert-Butylbenzene	0.15		0.11	0.029
127-18-4	Tetrachloroethene	0.11	U	0.11	0.038
108-88-3	Toluene	0.11	U	0.11	0.026
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.11	0.019
10061-02-6	trans-1,3-Dichloropropene	0.11	U	0.11	0.023
79-01-6	Trichloroethene	0.11	U	0.11	0.023
75-69-4	Trichlorofluoromethane	0.11	U	0.11	0.034
75-01-4	Vinyl chloride	0.11	U	0.11	0.021
1330-20-7	Xylenes, Total	6.4		0.21	0.029

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		68-150
460-00-4	4-Bromofluorobenzene	106		70-150
1868-53-7	Dibromofluoromethane (Surr)	100		68-150
2037-26-5	Toluene-d8 (Surr)	107		80-147

MT 8/10/22

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

26

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-W(18.5-20.0) | Lab Sample ID: 460-261270-2

Matrix: Solid | Lab File ID: O78838.d

Analysis Method: 8260D | Date Collected: 07/01/2022 09:52

Sample wt/vol: 6.25(g) | Date Analyzed: 07/05/2022 08:43

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 16.2 % Solids: 83.8 | Level: (low/med) Medium

Analysis Batch No.: 853529 | Units: mg/Kg

Number TICs Found: 10 | TIC Result Total: 94.6

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
592-27-8	Heptane, 2-methyl-	5.26	11	J N ND	94%
638-04-0	Cyclohexane, 1,3-dimethyl-, cis-	5.63	9.0	J N ND	94%
	Unknown alkane	5.99	16	J J	
1678-91-7	Cyclohexane, ethyl-	6.86	6.8	J N ND	94%
3073-66-3	Cyclohexane, 1,1,3-trimethyl-	6.94	7.2	J N ND	95%
	Unknown	7.42	6.6	J J	
111-84-2	Nonane	8.20	18	J N ND	95%
19489-10-2	cis-1-Ethyl-3-methyl-cyclohexane	8.52	6.8	J N	90%
620-14-4	Benzene, 1-ethyl-3-methyl-	10.06	6.9	J N	95%
526-73-8	Benzene, 1,2,3-trimethyl-	11.42	6.3	J N	95%

FORM I-TIC 8260D

MT 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

27

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-W(26-28) | Lab Sample ID: 460-261270-3

Matrix: Solid | Lab File ID: O78882.d

Analysis Method: 8260D | Date Collected: 07/01/2022 09:50

Sample wt/vol: 5.29(g) | Date Analyzed: 07/06/2022 03:43

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 9.2 % Solids: 90.8 | Level: (low/med) Medium

Analysis Batch No.: 853678 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.22	U	0.22	0.061
79-34-5	1,1,2,2-Tetrachloroethane	0.22	U	0.22	0.043
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.22	U	0.22	0.074
79-00-5	1,1,2-Trichloroethane	0.22	U	0.22	0.045
75-34-3	1,1-Dichloroethane	0.22	U	0.22	0.052
75-35-4	1,1-Dichloroethene	0.22	U	0.22	0.058
87-61-6	1,2,3-Trichlorobenzene	0.22	U	0.22	0.076
120-82-1	1,2,4-Trichlorobenzene	0.22	U	0.22	0.059
95-63-6	1,2,4-Trimethylbenzene	39		0.22	0.050
96-12-8	1,2-Dibromo-3-Chloropropane	0.22	U	0.22	0.046
95-50-1	1,2-Dichlorobenzene	0.22	U	0.22	0.048
107-06-2	1,2-Dichloroethane	0.22	U	0.22	0.055
78-87-5	1,2-Dichloropropane	0.22	U	0.22	0.039
108-67-8	1,3,5-Trimethylbenzene	15		0.22	0.055
541-73-1	1,3-Dichlorobenzene	0.22	U	0.22	0.072
106-46-7	1,4-Dichlorobenzene	0.22	U	0.22	0.073
78-93-3	2-Butanone (MEK)	1.1	U	1.1	0.48
591-78-6	2-Hexanone	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	3.5		0.22	0.057
108-10-1	4-Methyl-2-pentanone (MIBK)	1.1	U	1.1	0.28
67-64-1	Acetone	1.1	U	1.1	0.96
71-43-2	Benzene	1.0		0.22	0.044
75-25-2	Bromoform	0.22	U	0.22	0.039
74-83-9	Bromomethane	0.22	U	0.22	0.12
75-15-0	Carbon disulfide	0.22	U	0.22	0.15
56-23-5	Carbon tetrachloride	0.22	U	0.22	0.072
108-90-7	Chlorobenzene	0.22	U	0.22	0.052
74-97-5	Chlorobromomethane	0.22	U	0.22	0.065
124-48-1	Chlorodibromomethane	0.22	U	0.22	0.048
75-00-3	Chloroethane	0.22	U	0.22	0.081
67-66-3	Chloroform	0.22	U	0.22	0.048
74-87-3	Chloromethane	0.22	U	0.22	0.088
156-59-2	cis-1,2-Dichloroethene	0.22	U	0.22	0.057

MT 8/Wn

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

27

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-W(26-28) | Lab Sample ID: 460-261270-3

Matrix: Solid | Lab File ID: O78882.d

Analysis Method: 8260D | Date Collected: 07/01/2022 09:50

Sample wt/vol: 5.29(g) | Date Analyzed: 07/06/2022 03:43

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 9.2 % Solids: 90.8 | Level: (low/med) Medium

Analysis Batch No.: 853678 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.22	U	0.22	0.048
110-82-7	Cyclohexane	16		0.22	0.057
75-27-4	Dichlorobromomethane	0.22	U	0.22	0.033
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	0.068
100-41-4	Ethylbenzene	12		0.22	0.065
106-93-4	Ethylene Dibromide	0.22	U	0.22	0.041
98-82-8	Isopropylbenzene	3.3		0.22	0.070
79-20-9	Methyl acetate	1.1	U	1.1	0.17
1634-04-4	Methyl tert-butyl ether	0.22	U	0.22	0.047
108-87-2	Methylcyclohexane	65		0.22	0.16
75-09-2	Methylene Chloride	0.22	U	0.22	0.046
179601-23-1	m-Xylene & p-Xylene	55		0.22	0.061
91-20-3	Naphthalene	10		0.22	0.19
104-51-8	n-Butylbenzene	3.0		0.22	0.059
103-65-1	N-Propylbenzene	5.5		0.22	0.063
95-47-6	o-Xylene	22		0.22	0.070
135-98-8	sec-Butylbenzene	1.6		0.22	0.068
100-42-5	Styrene	0.22	U	0.22	0.037
98-06-6	tert-Butylbenzene	0.25		0.22	0.061
127-18-4	Tetrachloroethene	0.22	U	0.22	0.079
108-88-3	Toluene	22		0.22	0.055
156-60-5	trans-1,2-Dichloroethene	0.22	U	0.22	0.039
10061-02-6	trans-1,3-Dichloropropene	0.22	U	0.22	0.048
79-01-6	Trichloroethene	0.22	U	0.22	0.048
75-69-4	Trichlorofluoromethane	0.22	U	0.22	0.070
75-01-4	Vinyl chloride	0.22	U	0.22	0.044
1330-20-7	Xylenes, Total	77		0.44	0.061

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	81		68-150
460-00-4	4-Bromofluorobenzene	100		70-150
1868-53-7	Dibromofluoromethane (Surr)	79		68-150
2037-26-5	Toluene-d8 (Surr)	104		80-147

MY 8/Wn

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

27

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-W(26-28) Lab Sample ID: 460-261270-3

Matrix: Solid Lab File ID: O78882.d

Analysis Method: 8260D Date Collected: 07/01/2022 09:50

Sample wt/vol: 5.29(g) Date Analyzed: 07/06/2022 03:43

Soil Aliquot Vol: 5 (mL) Dilution Factor: 100

Soil Extract Vol.: 10(mL) GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 9.2 % Solids: 90.8 Level: (low/med) Medium

Analysis Batch No.: 853678 Units: mg/Kg

Number TICs Found: 10 TIC Result Total: 153.6

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
592-27-8	Heptane, 2-methyl-	5.27	12	J N NJ	97%
638-04-0	Cyclohexane, 1,3-dimethyl-, cis-	5.64	8.5	J N	95%
111-65-9	Octane	6.01	19	J N	95%
111-84-2	Nonane	8.20	20	J N	95%
620-14-4	Benzene, 1-ethyl-3-methyl-	10.06	32	J N	97%
124-18-5	Decane	10.37	15	J N	94%
611-14-3	Benzene, 1-ethyl-2-methyl-	10.50	13	J N	94%
526-73-8	Benzene, 1,2,3-trimethyl-	11.42	15	J N	95%
874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	12.07	11	J N	90%
2039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	12.75	8.1	J N	95%

MM 8/1/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

28

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-S(23-25) | Lab Sample ID: 460-261270-4

Matrix: Solid | Lab File ID: O78840.d

Analysis Method: 8260D | Date Collected: 07/01/2022 12:15

Sample wt/vol: 5.91(g) | Date Analyzed: 07/05/2022 09:34

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 8.5 % Solids: 91.5 | Level: (low/med) Medium

Analysis Batch No.: 853529 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.097	U	0.097	0.027
79-34-5	1,1,2,2-Tetrachloroethane	0.097	U	0.097	0.019
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.097	U	0.097	0.033
79-00-5	1,1,2-Trichloroethane	0.097	U	0.097	0.020
75-34-3	1,1-Dichloroethane	0.097	U	0.097	0.023
75-35-4	1,1-Dichloroethene	0.097	U	0.097	0.026
87-61-6	1,2,3-Trichlorobenzene	0.097	U	0.097	0.034
120-82-1	1,2,4-Trichlorobenzene	0.097	U	0.097	0.026
95-63-6	1,2,4-Trimethylbenzene	27		0.097	0.022
96-12-8	1,2-Dibromo-3-Chloropropane	0.097	U	0.097	0.021
95-50-1	1,2-Dichlorobenzene	0.097	U	0.097	0.021
107-06-2	1,2-Dichloroethane	0.097	U	0.097	0.024
78-87-5	1,2-Dichloropropane	0.097	U	0.097	0.017
108-67-8	1,3,5-Trimethylbenzene	10		0.097	0.024
541-73-1	1,3-Dichlorobenzene	0.097	U	0.097	0.032
106-46-7	1,4-Dichlorobenzene	0.097	U	0.097	0.032
78-93-3	2-Butanone (MEK)	0.49	U	0.49	0.21
591-78-6	2-Hexanone	0.49	U	0.49	0.11
99-87-6	4-Isopropyltoluene	2.5		0.097	0.025
108-10-1	4-Methyl-2-pentanone (MIBK)	0.49	U	0.49	0.13
67-64-1	Acetone	0.49	U	0.49	0.43
71-43-2	Benzene	0.081	J	0.097	0.020
75-25-2	Bromoform	0.097	U	0.097	0.017
74-83-9	Bromomethane	0.097	U	0.097	0.054
75-15-0	Carbon disulfide	0.097	U	0.097	0.065
56-23-5	Carbon tetrachloride	0.097	U	0.097	0.032
108-90-7	Chlorobenzene	0.097	U	0.097	0.023
74-97-5	Chlorobromomethane	0.097	U	0.097	0.029
124-48-1	Chlorodibromomethane	0.097	U	0.097	0.021
75-00-3	Chloroethane	0.097	U	0.097	0.036
67-66-3	Chloroform	0.097	U	0.097	0.021
74-87-3	Chloromethane	0.097	U	0.097	0.039
156-59-2	cis-1,2-Dichloroethene	0.097	U	0.097	0.025

MI 8/Wn

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

28

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-S(23-25) | Lab Sample ID: 460-261270-4

Matrix: Solid | Lab File ID: O78840.d

Analysis Method: 8260D | Date Collected: 07/01/2022 12:15

Sample wt/vol: 5.91(g) | Date Analyzed: 07/05/2022 09:34

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 8.5 % Solids: 91.5 | Level: (low/med) Medium

Analysis Batch No.: 853529 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.097	U	0.097	0.022
110-82-7	Cyclohexane	7.0		0.097	0.025
75-27-4	Dichlorobromomethane	0.097	U	0.097	0.015
75-71-8	Dichlorodifluoromethane	0.097	U	0.097	0.030
100-41-4	Ethylbenzene	7.4		0.097	0.029
106-93-4	Ethylene Dibromide	0.097	U	0.097	0.018
98-82-8	Isopropylbenzene	2.1		0.097	0.031
79-20-9	Methyl acetate	0.49	U	0.49	0.076
1634-04-4	Methyl tert-butyl ether	0.097	U	0.097	0.021
108-87-2	Methylcyclohexane	42		0.097	0.070
75-09-2	Methylene Chloride	0.097	U	0.097	0.020
179601-23-1	m-Xylene & p-Xylene	33		0.097	0.027
91-20-3	Naphthalene	6.9		0.097	0.085
104-51-8	n-Butylbenzene	2.3		0.097	0.026
103-65-1	N-Propylbenzene	3.8		0.097	0.028
95-47-6	o-Xylene	13		0.097	0.031
135-98-8	sec-Butylbenzene	1.1		0.097	0.030
100-42-5	Styrene	0.097	U	0.097	0.017
98-06-6	tert-Butylbenzene	0.16		0.097	0.027
127-18-4	Tetrachloroethene	0.097	U	0.097	0.035
108-88-3	Toluene	4.1		0.097	0.024
156-60-5	trans-1,2-Dichloroethene	0.097	U	0.097	0.017
10061-02-6	trans-1,3-Dichloropropene	0.097	U	0.097	0.022
79-01-6	Trichloroethene	0.097	U	0.097	0.021
75-69-4	Trichlorofluoromethane	0.097	U	0.097	0.031
75-01-4	Vinyl chloride	0.097	U	0.097	0.019
1330-20-7	Xylenes, Total	45		0.19	0.027

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	80		68-150
460-00-4	4-Bromofluorobenzene	93		70-150
1868-53-7	Dibromofluoromethane (Surr)	80		68-150
2037-26-5	Toluene-d8 (Surr)	94		80-147

MT 8/Wn

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

28

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-S(23-25) | Lab Sample ID: 460-261270-4

Matrix: Solid | Lab File ID: O78840.d

Analysis Method: 8260D | Date Collected: 07/01/2022 12:15

Sample wt/vol: 5.91(g) | Date Analyzed: 07/05/2022 09:34

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 8.5 % Solids: 91.5 | Level: (low/med) Medium

Analysis Batch No.: 853529 | Units: mg/Kg

Number TICs Found: 10 | TIC Result Total: 145.7

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
592-27-8	Heptane, 2-methyl-	5.26	17	J N NJ	95%
638-04-0	Cyclohexane, 1,3-dimethyl-, cis-	5.63	13	J N	94%
111-65-9	Octane	6.01	27	J N	91%
1678-91-7	Cyclohexane, ethyl-	6.86	9.4	J N	95%
3073-66-3	Cyclohexane, 1,1,3-trimethyl-	6.94	9.8	J N	94%
	Unknown Cycloalkane	7.27	8.3	J	J
	Unknown alkane	7.42	8.6	J	J
111-84-2	Nonane	8.20	26	J N	NJ 95%
19489-10-2	cis-1-Ethyl-3-methyl-cyclohexane	8.52	8.6	J N	93%
620-14-4	Benzene, 1-ethyl-3-methyl-	10.06	18	J N	97%

FORM I-TIC 8260D

MT 8/Wn

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

29

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-E(18-20) | Lab Sample ID: 460-261270-5

Matrix: Solid | Lab File ID: B89689.D

Analysis Method: 8260D | Date Collected: 07/01/2022 13:13

Sample wt/vol: 5.61(g) | Date Analyzed: 07/06/2022 12:00

Soil Aliquot Vol: | Dilution Factor: 1

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

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

% Moisture: 11.0 % Solids: 88.9 | Level: (low/med) Low

Analysis Batch No.: 853773 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036
95-63-6	1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025
96-12-8	1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00042
108-67-8	1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031
541-73-1	1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0050	U	0.0050	0.00037
591-78-6	2-Hexanone	0.0050	U	0.0050	0.0017
99-87-6	4-Isopropyltoluene	0.0010	U	0.0010	0.00030
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016
67-64-1	Acetone	0.11		0.0060	0.0057
71-43-2	Benzene	0.00033	J	0.0010	0.00026
75-25-2	Bromoform	0.0010	U	0.0010	0.00043
74-83-9	Bromomethane	0.0020	U	0.0020	0.0010
75-15-0	Carbon disulfide	0.00044	J	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.0010	U	0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0010	U	0.0010	0.00019
75-00-3	Chloroethane	0.0010	U	0.0010	0.00052
67-66-3	Chloroform	0.0010	U	0.0010	0.00097
74-87-3	Chloromethane	0.0010	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036

MT 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-E(18-20) | Lab Sample ID: 460-261270-5

Matrix: Solid | Lab File ID: B89689.D

Analysis Method: 8260D | Date Collected: 07/01/2022 13:13

Sample wt/vol: 5.61(g) | Date Analyzed: 07/06/2022 12:00

Soil Aliquot Vol: | Dilution Factor: 1

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

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

% Moisture: 11.0 % Solids: 88.9 | Level: (low/med) Low

Analysis Batch No.: 853773 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.0010	U / UJ	0.0010	0.00027
110-82-7	Cyclohexane	0.0010	U	0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0010	U	0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.0010	U	0.0010	0.00034
100-41-4	Ethylbenzene	0.0010	U	0.0010	0.00020
106-93-4	Ethylene Dibromide	0.0010	U	0.0010	0.00018
98-82-8	Isopropylbenzene	0.0010	U	0.0010	0.00029
79-20-9	Methyl acetate	0.0050	U	0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0010	U	0.0010	0.00051
108-87-2	Methylcyclohexane	0.0010	U	0.0010	0.00050
75-09-2	Methylene Chloride	0.0021	B / U	0.0020	0.0011
179601-23-1	m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017
91-20-3	Naphthalene	0.0015	U	0.0015	0.00041
104-51-8	n-Butylbenzene	0.0010	U	0.0010	0.00029
103-65-1	N-Propylbenzene	0.0010	U	0.0010	0.00018
95-47-6	o-Xylene	0.0010	U	0.0010	0.00019
135-98-8	sec-Butylbenzene	0.0010	U	0.0010	0.00029
100-42-5	Styrene	0.0010	U	0.0010	0.00028
98-06-6	tert-Butylbenzene	0.0010	U	0.0010	0.00028
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00031
108-88-3	Toluene	0.0010	U	0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00032
75-69-4	Trichlorofluoromethane	0.0010	U	0.0010	0.00041
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00055
1330-20-7	Xylenes, Total	0.0020	U	0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		72-145
460-00-4	4-Bromofluorobenzene	97		75-139
1868-53-7	Dibromofluoromethane (Surr)	104		73-139
2037-26-5	Toluene-d8 (Surr)	88		80-120

MH 8/11/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

30

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-04 Lab Sample ID: 460-261270-6

Matrix: Water Lab File ID: T649938.D

Analysis Method: 8260D Date Collected: 07/01/2022 13:00

Sample wt/vol: 5(mL) Date Analyzed: 07/06/2022 01:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 853677 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22

MT 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1
SDG No.:
Client Sample ID: TRC-EB-04 | Lab Sample ID: 460-261270-6
Matrix: Water | Lab File ID: T649938.D
Analysis Method: 8260D | Date Collected: 07/01/2022 13:00
Sample wt/vol: 5(mL) | Date Analyzed: 07/06/2022 01:49
Soil Aliquot Vol: | Dilution Factor: 1
Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)
Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:
% Moisture: % Solids: | Level: (low/med) Low
Analysis Batch No.: 853677 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	0.37	J	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
91-20-3	Naphthalene	1.0	U	1.0	0.88
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-128
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-124
2037-26-5	Toluene-d8 (Surr)	113		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1
SDG No.:
Client Sample ID: TRC-SB-19-E(22-24) | Lab Sample ID: 460-261270-7
Matrix: Solid | Lab File ID: D95410.D
Analysis Method: 8260D | Date Collected: 07/01/2022 13:15
Sample wt/vol: 6.19(g) | Date Analyzed: 07/05/2022 09:35
Soil Aliquot Vol: | Dilution Factor: 1
Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)
Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:
% Moisture: 11.6 % Solids: 88.4 | Level: (low/med) Low
Analysis Batch No.: 853527 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00091	U	0.00091	0.00021
79-34-5	1,1,2,2-Tetrachloroethane	0.00091	U	0.00091	0.00020
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00091	U	0.00091	0.00027
79-00-5	1,1,2-Trichloroethane	0.00091	U	0.00091	0.00016
75-34-3	1,1-Dichloroethane	0.00091	U	0.00091	0.00019
75-35-4	1,1-Dichloroethene	0.00091	U	0.00091	0.00021
87-61-6	1,2,3-Trichlorobenzene	0.00091	U	0.00091	0.00017
120-82-1	1,2,4-Trichlorobenzene	0.00091	U	0.00091	0.00033
95-63-6	1,2,4-Trimethylbenzene	0.0012		0.00091	0.00022
96-12-8	1,2-Dibromo-3-Chloropropane	0.00091	U	0.00091	0.00042
95-50-1	1,2-Dichlorobenzene	0.00091	U	0.00091	0.00033
107-06-2	1,2-Dichloroethane	0.00091	U	0.00091	0.00027
78-87-5	1,2-Dichloropropane	0.00091	U	0.00091	0.00039
108-67-8	1,3,5-Trimethylbenzene	0.00035	J	0.00091	0.00029
541-73-1	1,3-Dichlorobenzene	0.00091	U	0.00091	0.00033
106-46-7	1,4-Dichlorobenzene	0.00091	U	0.00091	0.00021
78-93-3	2-Butanone (MEK)	0.0046	U	0.0046	0.00034
591-78-6	2-Hexanone	0.0046	U	0.0046	0.0016
99-87-6	4-Isopropyltoluene	0.00091	U	0.00091	0.00027
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014
67-64-1	Acetone	0.0055	U	0.0055	0.0052
71-43-2	Benzene	0.00033	J	0.00091	0.00024
75-25-2	Bromoform	0.00091	U	0.00091	0.00039
74-83-9	Bromomethane	0.0018	U	0.0018	0.00091
75-15-0	Carbon disulfide	0.00043	J	0.00091	0.00024
56-23-5	Carbon tetrachloride	0.00091	U	0.00091	0.00035
108-90-7	Chlorobenzene	0.00091	U	0.00091	0.00016
74-97-5	Chlorobromomethane	0.00091	U	0.00091	0.00026
124-48-1	Chlorodibromomethane	0.00091	U	0.00091	0.00018
75-00-3	Chloroethane	0.00091	U	0.00091	0.00048
67-66-3	Chloroform	0.00091	U	0.00091	0.00089
74-87-3	Chloromethane	0.00091	U	0.00091	0.00040
156-59-2	cis-1,2-Dichloroethene	0.00091	U	0.00091	0.00033

MM 8/Wn

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1
SDG No.:
Client Sample ID: TRC-SB-19-E(22-24) | Lab Sample ID: 460-261270-7
Matrix: Solid | Lab File ID: D95410.D
Analysis Method: 8260D | Date Collected: 07/01/2022 13:15
Sample wt/vol: 6.19(g) | Date Analyzed: 07/05/2022 09:35
Soil Aliquot Vol: | Dilution Factor: 1
Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)
Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:
% Moisture: 11.6 % Solids: 88.4 | Level: (low/med) Low
Analysis Batch No.: 853527 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.00091	U	0.00091	0.00025
110-82-7	Cyclohexane	0.00091	U	0.00091	0.00020
75-27-4	Dichlorobromomethane	0.00091	U	0.00091	0.00023
75-71-8	Dichlorodifluoromethane	0.00091	U	0.00091	0.00031
100-41-4	Ethylbenzene	0.00039	J	0.00091	0.00018
106-93-4	Ethylene Dibromide	0.00091	U	0.00091	0.00016
98-82-8	Isopropylbenzene	0.0013		0.00091	0.00026
79-20-9	Methyl acetate	0.0046	U	0.0046	0.0039
1634-04-4	Methyl tert-butyl ether	0.00091	U	0.00091	0.00047
108-87-2	Methylcyclohexane	0.00091	U	0.00091	0.00046
75-09-2	Methylene Chloride	0.0023	B U	0.0018	0.0010
179601-23-1	m-Xylene & p-Xylene	0.00028	J	0.00091	0.00016
91-20-3	Naphthalene	0.0060		0.0014	0.00037
104-51-8	n-Butylbenzene	0.00091	U	0.00091	0.00027
103-65-1	N-Propylbenzene	0.00099		0.00091	0.00016
95-47-6	o-Xylene	0.00091	U	0.00091	0.00018
135-98-8	sec-Butylbenzene	0.00048	J	0.00091	0.00026
100-42-5	Styrene	0.00091	U	0.00091	0.00025
98-06-6	tert-Butylbenzene	0.00091	U	0.00091	0.00025
127-18-4	Tetrachloroethene	0.00091	U	0.00091	0.00028
108-88-3	Toluene	0.00022	J	0.00091	0.00021
156-60-5	trans-1,2-Dichloroethene	0.00091	U	0.00091	0.00022
10061-02-6	trans-1,3-Dichloropropene	0.00091	U	0.00091	0.00024
79-01-6	Trichloroethene	0.00091	U	0.00091	0.00029
75-69-4	Trichlorofluoromethane	0.00091	U	0.00091	0.00037
75-01-4	Vinyl chloride	0.00091	U	0.00091	0.00050
1330-20-7	Xylenes, Total	0.00028	J	0.0018	0.00016

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		72-145
460-00-4	4-Bromofluorobenzene	101		75-139
1868-53-7	Dibromofluoromethane (Surr)	99		73-139
2037-26-5	Toluene-d8 (Surr)	108		80-120

MT 8/10/22

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

31

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-E(22-24) Lab Sample ID: 460-261270-7

Matrix: Solid Lab File ID: D95410.D

Analysis Method: 8260D Date Collected: 07/01/2022 13:15

Sample wt/vol: 6.19(g) Date Analyzed: 07/05/2022 09:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 11.6 % Solids: 88.4 Level: (low/med) Low

Analysis Batch No.: 853527 Units: mg/Kg

Number TICs Found: 10 TIC Result Total: 0.0856

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
1072-05-5	Heptane, 2,6-dimethyl-	8.13	0.0062	J N	91%
3073-66-3	Cyclohexane, 1,1,3-trimethyl-	8.41	0.012	J N	97%
2051-30-1	Octane, 2,6-dimethyl-	9.50	0.0096	J N	93%
	Unknown	9.61	0.0086	J	
	Unknown	9.95	0.0073	J	
	Unknown	10.14	0.0073	J	
	Unknown	10.37	0.013	J	
768-00-3	Benzene, (1-methyl-1-propenyl)-, (E)-	11.36	0.0074	J N	91%
3333-13-9	Benzene, 1-methyl-4-(2-propenyl)-	11.95	0.0068	J N	90%
4175-53-5	1H-Indene, 2,3-dihydro-1,3-dimethyl-	12.37	0.0074	J N	92%

FORM I-TIC 8260D

MM 8/Wn

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-20 (1-4) Lab Sample ID: 460-260931-1

Matrix: Solid Lab File ID: f463587.D

Analysis Method: 8270E Date Collected: 06/27/2022 09:05

Extract. Method: 3546 Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.04(g) Date Analyzed: 06/29/2022 14:14

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 7.4 % Solids: 92.6 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852575 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.36	U	0.36	0.012
95-94-3	1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011
123-91-1	1,4-Dioxane	0.036	U	0.036	0.031
108-60-1	2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.0064
58-90-2	2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024
95-95-4	2,4,5-Trichlorophenol	0.36	U	0.36	0.036
88-06-2	2,4,6-Trichlorophenol	0.14	U	0.14	0.046
120-83-2	2,4-Dichlorophenol	0.14	U	0.14	0.023
105-67-9	2,4-Dimethylphenol	0.36	U	0.36	0.043
51-28-5	2,4-Dinitrophenol	0.29	U	0.29	0.18
121-14-2	2,4-Dinitrotoluene	0.072	U	0.072	0.038
606-20-2	2,6-Dinitrotoluene	0.072	U	0.072	0.026
91-58-7	2-Chloronaphthalene	0.36	U	0.36	0.016
95-57-8	2-Chlorophenol	0.36	U	0.36	0.013
91-57-6	2-Methylnaphthalene	0.023	J	0.36	0.010
95-48-7	2-Methylphenol	0.36	U	0.36	0.013
88-74-4	2-Nitroaniline	0.36	U	0.36	0.027
88-75-5	2-Nitrophenol	0.36	U	0.36	0.036
91-94-1	3,3'-Dichlorobenzidine	0.14	U	0.14	0.054
99-09-2	3-Nitroaniline	0.36	U	0.36	0.085
534-52-1	4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15
101-55-3	4-Bromophenyl phenyl ether	0.36	U	0.36	0.014
59-50-7	4-Chloro-3-methylphenol	0.36	U	0.36	0.020
106-47-8	4-Chloroaniline	0.36	U	0.36	0.063
7005-72-3	4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013
106-44-5	4-Methylphenol	0.36	U	0.36	0.022
100-01-6	4-Nitroaniline	0.36	U	0.36	0.041
100-02-7	4-Nitrophenol	0.72	U	0.72	0.058
83-32-9	Acenaphthene	0.36	U	0.36	0.010
208-96-8	Acenaphthylene	0.36	U	0.36	0.010
98-86-2	Acetophenone	0.36	U	0.36	0.017
120-12-7	Anthracene	0.36	U	0.36	0.011

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-20 (1-4) Lab Sample ID: 460-260931-1

Matrix: Solid Lab File ID: f463587.D

Analysis Method: 8270E Date Collected: 06/27/2022 09:05

Extract. Method: 3546 Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.04(g) Date Analyzed: 06/29/2022 14:14

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 7.4 % Solids: 92.6 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852575 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.14	U	0.14	0.021
100-52-7	Benzaldehyde	0.36	U	0.36	0.059
56-55-3	Benzo[a]anthracene	0.021	J	0.036	0.012
50-32-8	Benzo[a]pyrene	0.016	J	0.036	0.0095
205-99-2	Benzo[b]fluoranthene	0.044		0.036	0.0092
191-24-2	Benzo[g,h,i]perylene	0.024	J	0.36	0.011
207-08-9	Benzo[k]fluoranthene	0.036	U	0.036	0.0070
111-91-1	Bis(2-chloroethoxy)methane	0.36	U	0.36	0.028
111-44-4	Bis(2-chloroethyl)ether	0.036	U	0.036	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019
85-68-7	Butyl benzyl phthalate	0.36	U	0.36	0.017
105-60-2	Caprolactam	0.36	U	0.36	0.055
86-74-8	Carbazole	0.36	U	0.36	0.014
218-01-9	Chrysene	0.036	J	0.36	0.0060
53-70-3	Dibenz(a,h)anthracene	0.036	U	0.036	0.015
132-64-9	Dibenzofuran	0.36	U	0.36	0.012
84-66-2	Diethyl phthalate	0.36	U	0.36	0.011
131-11-3	Dimethyl phthalate	0.36	U	0.36	0.081
84-74-2	Di-n-butyl phthalate	0.36	U	0.36	0.013
117-84-0	Di-n-octyl phthalate	0.36	U	0.36	0.019
206-44-0	Fluoranthene	0.021	J	0.36	0.012
86-73-7	Fluorene	0.36	U	0.36	0.010
118-74-1	Hexachlorobenzene	0.036	U	0.036	0.017
87-68-3	Hexachlorobutadiene	0.072	U	0.072	0.0076
77-47-4	Hexachlorocyclopentadiene	0.36	U	0.36	0.031
67-72-1	Hexachloroethane	0.036	U	0.036	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014
78-59-1	Isophorone	0.14	U	0.14	0.10
91-20-3	Naphthalene	0.035	J	0.36	0.0062
98-95-3	Nitrobenzene	0.036	U	0.036	0.020
621-64-7	N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026
86-30-6	N-Nitrosodiphenylamine	0.36	U	0.36	0.029

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG No.:
Client Sample ID: TRC-SB-20 (1-4)
Lab Sample ID: 460-260931-1
Matrix: Solid
Lab File ID: f463587.D
Analysis Method: 8270E
Date Collected: 06/27/2022 09:05
Extract. Method: 3546
Date Extracted: 06/28/2022 20:25
Sample wt/vol: 15.04(g)
Date Analyzed: 06/29/2022 14:14
Con. Extract Vol.: 1(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: 7.4 % Solids: 92.6
GPC Cleanup:(Y/N) N
Cleanup Factor:
Level: (low/med) Low
Analysis Batch No.: 852575
Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.29	U	0.29	0.073
85-01-8	Phenanthrene	0.012	J	0.36	0.0063
108-95-2	Phenol	0.36	U	0.36	0.013
129-00-0	Pyrene	0.021	J	0.36	0.0089

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	126	✓	10-123
321-60-8	2-Fluorobiphenyl	121		22-122
367-12-4	2-Fluorophenol (Surr)	104		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	118		16-125
4165-62-2	Phenol-d5 (Surr)	107		23-120
1718-51-0	Terphenyl-d14 (Surr)	132	✓	25-126

MT 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-20 (12-15) Lab Sample ID: 460-260931-2

Matrix: Solid Lab File ID: f463585.D

Analysis Method: 8270E Date Collected: 06/27/2022 09:10

Extract. Method: 3546 Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.08(g) Date Analyzed: 06/29/2022 13:40

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 15.6 % Solids: 84.4 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852575 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.39	U	0.39	0.014
95-94-3	1,2,4,5-Tetrachlorobenzene	0.39	U	0.39	0.012
123-91-1	1,4-Dioxane	0.039	U	0.039	0.034
108-60-1	2,2'-oxybis[1-chloropropane]	0.39	U	0.39	0.0071
58-90-2	2,3,4,6-Tetrachlorophenol	0.39	U UJ	0.39	0.026
95-95-4	2,4,5-Trichlorophenol	0.39	U	0.39	0.040
88-06-2	2,4,6-Trichlorophenol	0.16	U	0.16	0.050
120-83-2	2,4-Dichlorophenol	0.16	U	0.16	0.025
105-67-9	2,4-Dimethylphenol	0.39	U	0.39	0.047
51-28-5	2,4-Dinitrophenol	0.31	U	0.31	0.19
121-14-2	2,4-Dinitrotoluene	0.079	U UJ	0.079	0.042
606-20-2	2,6-Dinitrotoluene	0.079	U	0.079	0.028
91-58-7	2-Chloronaphthalene	0.39	U	0.39	0.018
95-57-8	2-Chlorophenol	0.39	U	0.39	0.014
91-57-6	2-Methylnaphthalene	0.39	U	0.39	0.011
95-48-7	2-Methylphenol	0.39	U	0.39	0.015
88-74-4	2-Nitroaniline	0.39	U	0.39	0.030
88-75-5	2-Nitrophenol	0.39	U	0.39	0.039
91-94-1	3,3'-Dichlorobenzidine	0.16	U	0.16	0.059
99-09-2	3-Nitroaniline	0.39	U	0.39	0.093
534-52-1	4,6-Dinitro-2-methylphenol	0.31	U	0.31	0.16
101-55-3	4-Bromophenyl phenyl ether	0.39	U	0.39	0.015
59-50-7	4-Chloro-3-methylphenol	0.39	U	0.39	0.022
106-47-8	4-Chloroaniline	0.39	U	0.39	0.069
7005-72-3	4-Chlorophenyl phenyl ether	0.39	U	0.39	0.014
106-44-5	4-Methylphenol	0.39	U	0.39	0.024
100-01-6	4-Nitroaniline	0.39	U	0.39	0.045
100-02-7	4-Nitrophenol	0.79	U	0.79	0.064
83-32-9	Acenaphthene	0.39	U	0.39	0.011
208-96-8	Acenaphthylene	0.39	U	0.39	0.011
98-86-2	Acetophenone	0.39	U	0.39	0.019
120-12-7	Anthracene	0.39	U	0.39	0.012

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-20 (12-15) Lab Sample ID: 460-260931-2

Matrix: Solid Lab File ID: f463585.D

Analysis Method: 8270E Date Collected: 06/27/2022 09:10

Extract. Method: 3546 Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.08(g) Date Analyzed: 06/29/2022 13:40

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 15.6 % Solids: 84.4 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852575 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.16	U	0.16	0.023
100-52-7	Benzaldehyde	0.39	U	0.39	0.064
56-55-3	Benzo[a]anthracene	0.039	U	0.039	0.014
50-32-8	Benzo[a]pyrene	0.039	U	0.039	0.010
205-99-2	Benzo[b]fluoranthene	0.039	U	0.039	0.010
191-24-2	Benzo[g,h,i]perylene	0.39	U	0.39	0.011
207-08-9	Benzo[k]fluoranthene	0.039	U	0.039	0.0076
111-91-1	Bis(2-chloroethoxy)methane	0.39	U	0.39	0.030
111-44-4	Bis(2-chloroethyl)ether	0.039	U	0.039	0.014
117-81-7	Bis(2-ethylhexyl) phthalate	0.39	U	0.39	0.021
85-68-7	Butyl benzyl phthalate	0.39	U	0.39	0.018
105-60-2	Caprolactam	0.39	U	0.39	0.061
86-74-8	Carbazole	0.39	U	0.39	0.015
218-01-9	Chrysene	0.39	U	0.39	0.0066
53-70-3	Dibenz(a,h)anthracene	0.039	U	0.039	0.017
132-64-9	Dibenzofuran	0.39	U	0.39	0.013
84-66-2	Diethyl phthalate	0.39	U	0.39	0.013
131-11-3	Dimethyl phthalate	0.39	U	0.39	0.089
84-74-2	Di-n-butyl phthalate	0.39	U	0.39	0.015
117-84-0	Di-n-octyl phthalate	0.39	U	0.39	0.021
206-44-0	Fluoranthene	0.39	U	0.39	0.014
86-73-7	Fluorene	0.39	U	0.39	0.011
118-74-1	Hexachlorobenzene	0.039	U	0.039	0.019
87-68-3	Hexachlorobutadiene	0.079	U	0.079	0.0083
77-47-4	Hexachlorocyclopentadiene	0.39	U	0.39	0.034
67-72-1	Hexachloroethane	0.039	U	0.039	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.039	U	0.039	0.015
78-59-1	Isophorone	0.16	U	0.16	0.11
91-20-3	Naphthalene	0.39	U	0.39	0.0067
98-95-3	Nitrobenzene	0.039	U	0.039	0.022
621-64-7	N-Nitrosodi-n-propylamine	0.039	U	0.039	0.028
86-30-6	N-Nitrosodiphenylamine	0.39	U	0.39	0.032

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-20 (12-15) | Lab Sample ID: 460-260931-2

Matrix: Solid | Lab File ID: f463585.D

Analysis Method: 8270E | Date Collected: 06/27/2022 09:10

Extract. Method: 3546 | Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.08(g) | Date Analyzed: 06/29/2022 13:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 15.6 % Solids: 84.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852575 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.31	U	0.31	0.080
85-01-8	Phenanthrene	0.39	U	0.39	0.0069
108-95-2	Phenol	0.39	U	0.39	0.014
129-00-0	Pyrene	0.39	U	0.39	0.0097

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	97		10-123
321-60-8	2-Fluorobiphenyl	92		22-122
367-12-4	2-Fluorophenol (Surr)	80		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	90		16-125
4165-62-2	Phenol-d5 (Surr)	84		23-120
1718-51-0	Terphenyl-d14 (Surr)	100		25-126

MT 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19 (1-4) Lab Sample ID: 460-260931-3

Matrix: Solid Lab File ID: f463588.D

Analysis Method: 8270E Date Collected: 06/27/2022 09:45

Extract. Method: 3546 Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.01(g) Date Analyzed: 06/29/2022 14:31

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 7.3 % Solids: 92.7 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852575 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.36	U	0.36	0.012
95-94-3	1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011
123-91-1	1,4-Dioxane	0.036	U	0.036	0.031
108-60-1	2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.0065
58-90-2	2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024
95-95-4	2,4,5-Trichlorophenol	0.36	U	0.36	0.036
88-06-2	2,4,6-Trichlorophenol	0.14	U	0.14	0.046
120-83-2	2,4-Dichlorophenol	0.14	U	0.14	0.023
105-67-9	2,4-Dimethylphenol	0.36	U	0.36	0.043
51-28-5	2,4-Dinitrophenol	0.29	U	0.29	0.18
121-14-2	2,4-Dinitrotoluene	0.072	U	0.072	0.038
606-20-2	2,6-Dinitrotoluene	0.072	U	0.072	0.026
91-58-7	2-Chloronaphthalene	0.36	U	0.36	0.016
95-57-8	2-Chlorophenol	0.36	U	0.36	0.013
91-57-6	2-Methylnaphthalene	0.014	J	0.36	0.010
95-48-7	2-Methylphenol	0.36	U	0.36	0.013
88-74-4	2-Nitroaniline	0.36	U	0.36	0.027
88-75-5	2-Nitrophenol	0.36	U	0.36	0.036
91-94-1	3,3'-Dichlorobenzidine	0.14	U	0.14	0.054
99-09-2	3-Nitroaniline	0.36	U	0.36	0.085
534-52-1	4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15
101-55-3	4-Bromophenyl phenyl ether	0.36	U	0.36	0.014
59-50-7	4-Chloro-3-methylphenol	0.36	U	0.36	0.020
106-47-8	4-Chloroaniline	0.36	U	0.36	0.063
7005-72-3	4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013
106-44-5	4-Methylphenol	0.36	U	0.36	0.022
100-01-6	4-Nitroaniline	0.36	U	0.36	0.041
100-02-7	4-Nitrophenol	0.72	U	0.72	0.058
83-32-9	Acenaphthene	0.015	J	0.36	0.010
208-96-8	Acenaphthylene	0.021	J	0.36	0.010
98-86-2	Acetophenone	0.36	U	0.36	0.017
120-12-7	Anthracene	0.031	J	0.36	0.011

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19 (1-4) | Lab Sample ID: 460-260931-3

Matrix: Solid | Lab File ID: f463588.D

Analysis Method: 8270E | Date Collected: 06/27/2022 09:45

Extract. Method: 3546 | Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.01(g) | Date Analyzed: 06/29/2022 14:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 7.3 % Solids: 92.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852575 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.14	U	0.14	0.021
100-52-7	Benzaldehyde	0.36	U	0.36	0.059
56-55-3	Benzo[a]anthracene	0.10		0.036	0.012
50-32-8	Benzo[a]pyrene	0.079		0.036	0.0095
205-99-2	Benzo[b]fluoranthene	0.12		0.036	0.0092
191-24-2	Benzo[g,h,i]perylene	0.055	J	0.36	0.011
207-08-9	Benzo[k]fluoranthene	0.054		0.036	0.0070
111-91-1	Bis(2-chloroethoxy)methane	0.36	U	0.36	0.028
111-44-4	Bis(2-chloroethyl)ether	0.036	U	0.036	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019
85-68-7	Butyl benzyl phthalate	0.36	U	0.36	0.017
105-60-2	Caprolactam	0.36	U	0.36	0.055
86-74-8	Carbazole	0.36	U	0.36	0.014
218-01-9	Chrysene	0.098	J	0.36	0.0060
53-70-3	Dibenz(a,h)anthracene	0.036	U	0.036	0.015
132-64-9	Dibenzofuran	0.031	J	0.36	0.012
84-66-2	Diethyl phthalate	0.36	U	0.36	0.011
131-11-3	Dimethyl phthalate	0.36	U	0.36	0.081
84-74-2	Di-n-butyl phthalate	0.36	U	0.36	0.013
117-84-0	Di-n-octyl phthalate	0.36	U	0.36	0.019
206-44-0	Fluoranthene	0.20	J	0.36	0.012
86-73-7	Fluorene	0.021	J	0.36	0.010
118-74-1	Hexachlorobenzene	0.036	U	0.036	0.017
87-68-3	Hexachlorobutadiene	0.072	U	0.072	0.0076
77-47-4	Hexachlorocyclopentadiene	0.36	U	0.36	0.031
67-72-1	Hexachloroethane	0.036	U	0.036	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.090		0.036	0.014
78-59-1	Isophorone	0.14	U	0.14	0.10
91-20-3	Naphthalene	0.038	J	0.36	0.0062
98-95-3	Nitrobenzene	0.036	U	0.036	0.020
621-64-7	N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026
86-30-6	N-Nitrosodiphenylamine	0.36	U	0.36	0.029

MT 8/11/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19 (1-4) | Lab Sample ID: 460-260931-3

Matrix: Solid | Lab File ID: f463588.D

Analysis Method: 8270E | Date Collected: 06/27/2022 09:45

Extract. Method: 3546 | Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.01(g) | Date Analyzed: 06/29/2022 14:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 7.3 % Solids: 92.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852575 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.29	U	0.29	0.073
85-01-8	Phenanthrene	0.12	J	0.36	0.0063
108-95-2	Phenol	0.36	U	0.36	0.013
129-00-0	Pyrene	0.17	J	0.36	0.0089

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	117		10-123
321-60-8	2-Fluorobiphenyl	115		22-122
367-12-4	2-Fluorophenol (Surr)	96		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	109		16-125
4165-62-2	Phenol-d5 (Surr)	100		23-120
1718-51-0	Terphenyl-d14 (Surr)	120		25-126

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19 (12-15) | Lab Sample ID: 460-260931-4

Matrix: Solid | Lab File ID: f463583.D

Analysis Method: 8270E | Date Collected: 06/27/2022 09:55

Extract. Method: 3546 | Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.08(g) | Date Analyzed: 06/29/2022 13:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 14.4 % Solids: 85.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852575 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.38	U	0.38	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.38	U	0.38	0.012
123-91-1	1,4-Dioxane	0.038	U	0.038	0.034
108-60-1	2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.0070
58-90-2	2,3,4,6-Tetrachlorophenol	0.38	~~U~~ UJ	0.38	0.026
95-95-4	2,4,5-Trichlorophenol	0.38	U	0.38	0.039
88-06-2	2,4,6-Trichlorophenol	0.15	U	0.15	0.049
120-83-2	2,4-Dichlorophenol	0.15	U	0.15	0.025
105-67-9	2,4-Dimethylphenol	0.38	U	0.38	0.046
51-28-5	2,4-Dinitrophenol	0.31	U	0.31	0.19
121-14-2	2,4-Dinitrotoluene	0.078	~~U~~ UJ	0.078	0.041
606-20-2	2,6-Dinitrotoluene	0.078	U	0.078	0.028
91-58-7	2-Chloronaphthalene	0.38	U	0.38	0.018
95-57-8	2-Chlorophenol	0.38	U	0.38	0.014
91-57-6	2-Methylnaphthalene	0.38	U	0.38	0.011
95-48-7	2-Methylphenol	0.38	U	0.38	0.014
88-74-4	2-Nitroaniline	0.38	U	0.38	0.029
88-75-5	2-Nitrophenol	0.38	U	0.38	0.039
91-94-1	3,3'-Dichlorobenzidine	0.15	U	0.15	0.058
99-09-2	3-Nitroaniline	0.38	U	0.38	0.091
534-52-1	4,6-Dinitro-2-methylphenol	0.31	U	0.31	0.16
101-55-3	4-Bromophenyl phenyl ether	0.38	U	0.38	0.015
59-50-7	4-Chloro-3-methylphenol	0.38	U	0.38	0.022
106-47-8	4-Chloroaniline	0.38	U	0.38	0.068
7005-72-3	4-Chlorophenyl phenyl ether	0.38	U	0.38	0.014
106-44-5	4-Methylphenol	0.38	U	0.38	0.024
100-01-6	4-Nitroaniline	0.38	U	0.38	0.044
100-02-7	4-Nitrophenol	0.78	U	0.78	0.063
83-32-9	Acenaphthene	0.38	U	0.38	0.011
208-96-8	Acenaphthylene	0.38	U	0.38	0.011
98-86-2	Acetophenone	0.38	U	0.38	0.019
120-12-7	Anthracene	0.38	U	0.38	0.012

MT 8/11/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19 (12-15) | Lab Sample ID: 460-260931-4

Matrix: Solid | Lab File ID: f463583.D

Analysis Method: 8270E | Date Collected: 06/27/2022 09:55

Extract. Method: 3546 | Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.08(g) | Date Analyzed: 06/29/2022 13:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 14.4 % Solids: 85.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852575 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.15	U	0.15	0.023
100-52-7	Benzaldehyde	0.38	U	0.38	0.064
56-55-3	Benzo[a]anthracene	0.038	U	0.038	0.013
50-32-8	Benzo[a]pyrene	0.038	U	0.038	0.010
205-99-2	Benzo[b]fluoranthene	0.038	U	0.038	0.0099
191-24-2	Benzo[g,h,i]perylene	0.38	U	0.38	0.011
207-08-9	Benzo[k]fluoranthene	0.038	U	0.038	0.0075
111-91-1	Bis(2-chloroethoxy)methane	0.38	U	0.38	0.030
111-44-4	Bis(2-chloroethyl)ether	0.038	U	0.038	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.020
85-68-7	Butyl benzyl phthalate	0.38	U	0.38	0.018
105-60-2	Caprolactam	0.38	U	0.38	0.060
86-74-8	Carbazole	0.38	U	0.38	0.015
218-01-9	Chrysene	0.38	U	0.38	0.0065
53-70-3	Dibenz(a,h)anthracene	0.038	U	0.038	0.017
132-64-9	Dibenzofuran	0.38	U	0.38	0.013
84-66-2	Diethyl phthalate	0.38	U	0.38	0.012
131-11-3	Dimethyl phthalate	0.38	U	0.38	0.087
84-74-2	Di-n-butyl phthalate	0.38	U	0.38	0.014
117-84-0	Di-n-octyl phthalate	0.38	U	0.38	0.020
206-44-0	Fluoranthene	0.38	U	0.38	0.013
86-73-7	Fluorene	0.38	U	0.38	0.011
118-74-1	Hexachlorobenzene	0.038	U	0.038	0.018
87-68-3	Hexachlorobutadiene	0.078	U	0.078	0.0082
77-47-4	Hexachlorocyclopentadiene	0.38	U	0.38	0.034
67-72-1	Hexachloroethane	0.038	U	0.038	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.038	U	0.038	0.015
78-59-1	Isophorone	0.15	U	0.15	0.11
91-20-3	Naphthalene	0.38	U	0.38	0.0066
98-95-3	Nitrobenzene	0.038	U	0.038	0.021
621-64-7	N-Nitrosodi-n-propylamine	0.038	U	0.038	0.028
86-30-6	N-Nitrosodiphenylamine	0.38	U	0.38	0.032

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19 (12-15) | Lab Sample ID: 460-260931-4

Matrix: Solid | Lab File ID: f463583.D

Analysis Method: 8270E | Date Collected: 06/27/2022 09:55

Extract. Method: 3546 | Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.08(g) | Date Analyzed: 06/29/2022 13:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 14.4 % Solids: 85.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852575 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.31	U	0.31	0.079
85-01-8	Phenanthrene	0.38	U	0.38	0.0068
108-95-2	Phenol	0.38	U	0.38	0.014
129-00-0	Pyrene	0.38	U	0.38	0.0096

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	101		10-123
321-60-8	2-Fluorobiphenyl	97		22-122
367-12-4	2-Fluorophenol (Surr)	83		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	95		16-125
4165-62-2	Phenol-d5 (Surr)	87		23-120
1718-51-0	Terphenyl-d14 (Surr)	104		25-126

MT 8/10/22

5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19 (22.5-24.5) Lab Sample ID: 460-260931-5

Matrix: Solid Lab File ID: f463584.D

Analysis Method: 8270E Date Collected: 06/27/2022 11:11

Extract. Method: 3546 Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.07(g) Date Analyzed: 06/29/2022 13:22

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.9 % Solids: 91.1 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852575 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.021	J	0.36	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011
123-91-1	1,4-Dioxane	0.036	U	0.036	0.032
108-60-1	2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.0065
58-90-2	2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025
95-95-4	2,4,5-Trichlorophenol	0.36	U	0.36	0.037
88-06-2	2,4,6-Trichlorophenol	0.15	U	0.15	0.046
120-83-2	2,4-Dichlorophenol	0.15	U	0.15	0.023
105-67-9	2,4-Dimethylphenol	0.36	U	0.36	0.043
51-28-5	2,4-Dinitrophenol	0.29	U	0.29	0.18
121-14-2	2,4-Dinitrotoluene	0.073	U	0.073	0.039
606-20-2	2,6-Dinitrotoluene	0.073	U	0.073	0.026
91-58-7	2-Chloronaphthalene	0.36	U	0.36	0.017
95-57-8	2-Chlorophenol	0.36	U	0.36	0.013
91-57-6	2-Methylnaphthalene	0.93		0.36	0.010
95-48-7	2-Methylphenol	0.36	U	0.36	0.014
88-74-4	2-Nitroaniline	0.36	U	0.36	0.028
88-75-5	2-Nitrophenol	0.36	U	0.36	0.036
91-94-1	3,3'-Dichlorobenzidine	0.15	U	0.15	0.055
99-09-2	3-Nitroaniline	0.36	U	0.36	0.086
534-52-1	4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15
101-55-3	4-Bromophenyl phenyl ether	0.36	U	0.36	0.014
59-50-7	4-Chloro-3-methylphenol	0.36	U	0.36	0.020
106-47-8	4-Chloroaniline	0.36	U	0.36	0.064
7005-72-3	4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013
106-44-5	4-Methylphenol	0.36	U	0.36	0.023
100-01-6	4-Nitroaniline	0.36	U	0.36	0.042
100-02-7	4-Nitrophenol	0.73	U	0.73	0.059
83-32-9	Acenaphthene	0.012	J	0.36	0.010
208-96-8	Acenaphthylene	0.36	U	0.36	0.010
98-86-2	Acetophenone	0.36	U	0.36	0.018
120-12-7	Anthracene	0.070	J	0.36	0.011

MT 8/10/22

5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19 (22.5-24.5) | Lab Sample ID: 460-260931-5

Matrix: Solid | Lab File ID: f463584.D

Analysis Method: 8270E | Date Collected: 06/27/2022 11:11

Extract. Method: 3546 | Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.07(g) | Date Analyzed: 06/29/2022 13:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.9 % Solids: 91.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852575 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.15	U	0.15	0.021
100-52-7	Benzaldehyde	0.36	U	0.36	0.060
56-55-3	Benzo[a]anthracene	0.036	U	0.036	0.013
50-32-8	Benzo[a]pyrene	0.036	U	0.036	0.0096
205-99-2	Benzo[b]fluoranthene	0.036	U	0.036	0.0094
191-24-2	Benzo[g,h,i]perylene	0.36	U	0.36	0.011
207-08-9	Benzo[k]fluoranthene	0.036	U	0.036	0.0071
111-91-1	Bis(2-chloroethoxy)methane	0.36	U	0.36	0.028
111-44-4	Bis(2-chloroethyl)ether	0.036	U	0.036	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019
85-68-7	Butyl benzyl phthalate	0.36	U	0.36	0.017
105-60-2	Caprolactam	0.36	U	0.36	0.056
86-74-8	Carbazole	0.36	U	0.36	0.014
218-01-9	Chrysene	0.0071	J	0.36	0.0061
53-70-3	Dibenz(a,h)anthracene	0.036	U	0.036	0.016
132-64-9	Dibenzofuran	0.017	J	0.36	0.012
84-66-2	Diethyl phthalate	0.36	U	0.36	0.012
131-11-3	Dimethyl phthalate	0.36	U	0.36	0.082
84-74-2	Di-n-butyl phthalate	0.36	U	0.36	0.014
117-84-0	Di-n-octyl phthalate	0.36	U	0.36	0.019
206-44-0	Fluoranthene	0.021	J	0.36	0.013
86-73-7	Fluorene	0.022	J	0.36	0.011
118-74-1	Hexachlorobenzene	0.036	U	0.036	0.017
87-68-3	Hexachlorobutadiene	0.073	U	0.073	0.0077
77-47-4	Hexachlorocyclopentadiene	0.36	U	0.36	0.032
67-72-1	Hexachloroethane	0.036	U	0.036	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014
78-59-1	Isophorone	0.15	U	0.15	0.10
91-20-3	Naphthalene	2.1		0.36	0.0063
98-95-3	Nitrobenzene	0.036	U	0.036	0.020
621-64-7	N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026
86-30-6	N-Nitrosodiphenylamine	0.36	U	0.36	0.030

MT 8/11/22

5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19 (22.5-24.5) | Lab Sample ID: 460-260931-5

Matrix: Solid | Lab File ID: f463584.D

Analysis Method: 8270E | Date Collected: 06/27/2022 11:11

Extract. Method: 3546 | Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.07(g) | Date Analyzed: 06/29/2022 13:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.9 % Solids: 91.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852575 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.29	U	0.29	0.074
85-01-8	Phenanthrene	0.060	J	0.36	0.0064
108-95-2	Phenol	0.36	U	0.36	0.013
129-00-0	Pyrene	0.015	J	0.36	0.0090

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	93		10-123
321-60-8	2-Fluorobiphenyl	97		22-122
367-12-4	2-Fluorophenol (Surr)	73		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	101		16-125
4165-62-2	Phenol-d5 (Surr)	84		23-120
1718-51-0	Terphenyl-d14 (Surr)	101		25-126

MT 8/11/22

5

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

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19 (22.5-24.5) | Lab Sample ID: 460-260931-5

Matrix: Solid | Lab File ID: f463584.D

Analysis Method: 8270E | Date Collected: 06/27/2022 11:11

Extract. Method: 3546 | Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.07(g) | Date Analyzed: 06/29/2022 13:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.9 % Solids: 91.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852575 | Units: mg/Kg

Number TICs Found: 20 | TIC Result Total: 119.3

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
111-65-9	Octane	2.01	7.2	J N NJ	87%
1678-91-7	Cyclohexane, ethyl-	2.23	4.9	J N NJ	95%
	Unknown	2.25	5.3	J J	
	Unknown	2.53	4.4	J J	
111-84-2	Nonane	2.58	18	J N NJ	91%
	Unknown	2.67	4.1	J J	
	Unknown	2.75	3.1	J	
	Unknown	2.80	7.4	J	
611-14-3	Benzene, 1-ethyl-2-methyl-	2.99	8.2	J N NJ	94%
	Unknown	3.00	3.5	J J	
	Unknown	3.10	3.3	J	
	Unknown	3.15	3.9	J	
	Unknown	3.20	19	J	
	Unknown	3.33	2.5	J	
526-73-8	Benzene, 1,2,3-trimethyl-	3.36	4.3	J N NJ	95%
1074-43-7	Benzene, 1-methyl-3-propyl-	3.53	2.8	J N	94%
135-01-3	Benzene, 1,2-diethyl-	3.56	4.0	J N	97%
	Unknown	3.61	2.6	J J	
934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	3.73	3.4	J N NJ	96%
124-18-5	Decane	3.79	7.4	J N NJ	91%

FORM I-TIC 8270E

MT 8/11/22

6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-18 (1-4) Lab Sample ID: 460-260931-6

Matrix: Solid Lab File ID: f463600.D

Analysis Method: 8270E Date Collected: 06/27/2022 12:00

Extract. Method: 3546 Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.07(g) Date Analyzed: 06/29/2022 17:58

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.0 % Solids: 91.0 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852575 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.096	J	0.36	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011
123-91-1	1,4-Dioxane	0.036	U	0.036	0.032
108-60-1	2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.0065
58-90-2	2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025
95-95-4	2,4,5-Trichlorophenol	0.36	U	0.36	0.037
88-06-2	2,4,6-Trichlorophenol	0.15	U	0.15	0.046
120-83-2	2,4-Dichlorophenol	0.15	U	0.15	0.023
105-67-9	2,4-Dimethylphenol	0.36	U	0.36	0.043
51-28-5	2,4-Dinitrophenol	0.29	U	0.29	0.18
121-14-2	2,4-Dinitrotoluene	0.073	U	0.073	0.039
606-20-2	2,6-Dinitrotoluene	0.073	U	0.073	0.026
91-58-7	2-Chloronaphthalene	0.36	U	0.36	0.017
95-57-8	2-Chlorophenol	0.36	U	0.36	0.013
91-57-6	2-Methylnaphthalene	0.15	J	0.36	0.010
95-48-7	2-Methylphenol	0.36	U	0.36	0.014
88-74-4	2-Nitroaniline	0.36	U	0.36	0.028
88-75-5	2-Nitrophenol	0.36	U	0.36	0.036
91-94-1	3,3'-Dichlorobenzidine	0.15	U	0.15	0.055
99-09-2	3-Nitroaniline	0.36	U	0.36	0.086
534-52-1	4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15
101-55-3	4-Bromophenyl phenyl ether	0.36	U	0.36	0.014
59-50-7	4-Chloro-3-methylphenol	0.36	U	0.36	0.020
106-47-8	4-Chloroaniline	0.36	U	0.36	0.064
7005-72-3	4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013
106-44-5	4-Methylphenol	0.029	J	0.36	0.023
100-01-6	4-Nitroaniline	0.36	U	0.36	0.042
100-02-7	4-Nitrophenol	0.73	U	0.73	0.059
83-32-9	Acenaphthene	0.59		0.36	0.010
208-96-8	Acenaphthylene	0.18	J	0.36	0.010
98-86-2	Acetophenone	0.36	U	0.36	0.018
120-12-7	Anthracene	1.6		0.36	0.011

MM 8/1/22

6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-18 (1-4) Lab Sample ID: 460-260931-6

Matrix: Solid Lab File ID: f463600.D

Analysis Method: 8270E Date Collected: 06/27/2022 12:00

Extract. Method: 3546 Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.07(g) Date Analyzed: 06/29/2022 17:58

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.0 % Solids: 91.0 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852575 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.15	U	0.15	0.021
100-52-7	Benzaldehyde	0.36	U	0.36	0.060
56-55-3	Benzo[a]anthracene	4.1		0.036	0.013
50-32-8	Benzo[a]pyrene	4.6		0.036	0.0096
205-99-2	Benzo[b]fluoranthene	6.1		0.036	0.0094
191-24-2	Benzo[g,h,i]perylene	1.8		0.36	0.011
207-08-9	Benzo[k]fluoranthene	2.1		0.036	0.0071
111-91-1	Bis(2-chloroethoxy)methane	0.36	U	0.36	0.028
111-44-4	Bis(2-chloroethyl)ether	0.036	U	0.036	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019
85-68-7	Butyl benzyl phthalate	0.36	U	0.36	0.017
105-60-2	Caprolactam	0.36	U	0.36	0.056
86-74-8	Carbazole	0.86		0.36	0.014
218-01-9	Chrysene	4.4		0.36	0.0061
53-70-3	Dibenz(a,h)anthracene	0.29		0.036	0.016
132-64-9	Dibenzofuran	0.54		0.36	0.012
84-66-2	Diethyl phthalate	0.36	U	0.36	0.012
131-11-3	Dimethyl phthalate	0.36	U	0.36	0.082
84-74-2	Di-n-butyl phthalate	0.36	U	0.36	0.014
117-84-0	Di-n-octyl phthalate	0.36	U	0.36	0.019
86-73-7	Fluorene	0.73		0.36	0.011
118-74-1	Hexachlorobenzene	0.036	U	0.036	0.017
87-68-3	Hexachlorobutadiene	0.073	U	0.073	0.0077
77-47-4	Hexachlorocyclopentadiene	0.36	U	0.36	0.032
67-72-1	Hexachloroethane	0.036	U	0.036	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	2.4		0.036	0.014
78-59-1	Isophorone	0.15	U	0.15	0.10
91-20-3	Naphthalene	0.34	J	0.36	0.0063
98-95-3	Nitrobenzene	0.036	U	0.036	0.020
621-64-7	N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026
86-30-6	N-Nitrosodiphenylamine	0.36	U	0.36	0.030
87-86-5	Pentachlorophenol	0.29	U	0.29	0.074

MM 8/1/22

6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-18 (1-4) | Lab Sample ID: 460-260931-6

Matrix: Solid | Lab File ID: f463600.D

Analysis Method: 8270E | Date Collected: 06/27/2022 12:00

Extract. Method: 3546 | Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.07(g) | Date Analyzed: 06/29/2022 17:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.0 % Solids: 91.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852575 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	0.36	U	0.36	0.013

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	139	*	10-123
321-60-8	2-Fluorobiphenyl	125	*	22-122
367-12-4	2-Fluorophenol (Surr)	100		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	120		16-125
4165-62-2	Phenol-d5 (Surr)	106		23-120
1718-51-0	Terphenyl-d14 (Surr)	121		25-126

MT 8/1/22

GDC

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-18 (1-4) DL | Lab Sample ID: 460-260931-6 DL

Matrix: Solid | Lab File ID: f463640.D

Analysis Method: 8270E | Date Collected: 06/27/2022 12:00

Extract. Method: 3546 | Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.07(g) | Date Analyzed: 06/30/2022 21:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.0 % Solids: 91.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852916 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
206-44-0	Fluoranthene	11		0.72	0.025
85-01-8	Phenanthrene	9.8		0.72	0.013
129-00-0	Pyrene	9.7		0.72	0.018

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	108		10-123
321-60-8	2-Fluorobiphenyl	99		22-122
367-12-4	2-Fluorophenol (Surr)	86		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	99		16-125
4165-62-2	Phenol-d5 (Surr)	91		23-120
1718-51-0	Terphenyl-d14 (Surr)	104		25-126

MR 8/10/22

6

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

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-18 (1-4) | Lab Sample ID: 460-260931-6

Matrix: Solid | Lab File ID: f463600.D

Analysis Method: 8270E | Date Collected: 06/27/2022 12:00

Extract. Method: 3546 | Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.07(g) | Date Analyzed: 06/29/2022 17:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.0 % Solids: 91.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852575 | Units: mg/Kg

Number TICs Found: 20 | TIC Result Total: 18.27

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
486-25-9	9H-Fluoren-9-one	6.62	0.42	J N NJ	95%
2141-42-6	Anthracene, 1,2,3,4-tetrahydro-	6.66	0.42	J N	92%
132-65-0	Dibenzothiophene	6.68	0.44	J N	97%
	Unknown	7.14	1.0	J J	
2531-84-2	Phenanthrene, 2-methyl-	7.16	1.3	J N NJ	98%
203-64-5	4H-Cyclopenta[def]phenanthrene	7.22	1.6	J N	92%
832-69-9	Phenanthrene, 1-methyl-	7.24	0.83	J N	97%
35465-71-5	2-Phenylnaphthalene	7.37	1.1	J N	98%
84-65-1	9,10-Anthracenedione	7.38	1.1	J N	99%
3674-66-6	Phenanthrene, 2,5-dimethyl-	7.56	0.48	J N	96%
5737-13-3	Cyclopenta(def)phenanthrenone	7.62	0.60	J N	98%
	Unknown	7.79	0.67	J J	
243-17-4	11H-Benzo[b]fluorene	8.10	0.56	J N NJ	94%
192-97-2	Benzo[e]pyrene	9.95	0.87	J N	98%
57652-66-1	Benzo[a]pyrene, 4,5-dihydro-	10.09	0.45	J N	96%
198-55-0	Perylene	10.13	3.3	J N	99%
	Unknown	10.27	1.0	J J	
	Unknown	10.47	0.39	J J	
191-26-4	Dibenzo[def,mno]chrysene	11.26	0.83	J N NJ	89%
189-55-9	3,4:9,10-Dibenzopyrene	13.13	0.91	J N NJ	98%

FORM I-TIC 8270E

MT 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

7

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-18 (12-15) Lab Sample ID: 460-260931-7

Matrix: Solid Lab File ID: f463581.D

Analysis Method: 8270E Date Collected: 06/27/2022 12:05

Extract. Method: 3546 Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.04(g) Date Analyzed: 06/29/2022 12:31

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 17.1 % Solids: 82.9 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852575 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.40	U	0.40	0.014
95-94-3	1,2,4,5-Tetrachlorobenzene	0.40	U	0.40	0.012
123-91-1	1,4-Dioxane	0.040	U	0.040	0.035
108-60-1	2,2'-oxybis[1-chloropropane]	0.40	U	0.40	0.0072
58-90-2	2,3,4,6-Tetrachlorophenol	0.40	U UJ	0.40	0.027
95-95-4	2,4,5-Trichlorophenol	0.40	U	0.40	0.041
88-06-2	2,4,6-Trichlorophenol	0.16	U	0.16	0.051
120-83-2	2,4-Dichlorophenol	0.16	U	0.16	0.026
105-67-9	2,4-Dimethylphenol	0.40	U	0.40	0.047
51-28-5	2,4-Dinitrophenol	0.32	U	0.32	0.20
121-14-2	2,4-Dinitrotoluene	0.081	U UJ	0.081	0.043
606-20-2	2,6-Dinitrotoluene	0.081	U	0.081	0.029
91-58-7	2-Chloronaphthalene	0.40	U	0.40	0.018
95-57-8	2-Chlorophenol	0.40	U	0.40	0.014
91-57-6	2-Methylnaphthalene	0.021	J	0.40	0.011
95-48-7	2-Methylphenol	0.40	U	0.40	0.015
88-74-4	2-Nitroaniline	0.40	U	0.40	0.030
88-75-5	2-Nitrophenol	0.40	U	0.40	0.040
91-94-1	3,3'-Dichlorobenzidine	0.16	U	0.16	0.060
99-09-2	3-Nitroaniline	0.40	U	0.40	0.094
534-52-1	4,6-Dinitro-2-methylphenol	0.32	U	0.32	0.16
101-55-3	4-Bromophenyl phenyl ether	0.40	U	0.40	0.016
59-50-7	4-Chloro-3-methylphenol	0.40	U	0.40	0.022
106-47-8	4-Chloroaniline	0.40	U	0.40	0.071
7005-72-3	4-Chlorophenyl phenyl ether	0.40	U	0.40	0.014
106-44-5	4-Methylphenol	0.40	U	0.40	0.025
100-01-6	4-Nitroaniline	0.40	U	0.40	0.046
100-02-7	4-Nitrophenol	0.81	U	0.81	0.065
83-32-9	Acenaphthene	0.40	U	0.40	0.011
208-96-8	Acenaphthylene	0.40	U	0.40	0.011
98-86-2	Acetophenone	0.40	U	0.40	0.020
120-12-7	Anthracene	0.40	U	0.40	0.012

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-18 (12-15) Lab Sample ID: 460-260931-7

Matrix: Solid Lab File ID: f463581.D

Analysis Method: 8270E Date Collected: 06/27/2022 12:05

Extract. Method: 3546 Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.04(g) Date Analyzed: 06/29/2022 12:31

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 17.1 % Solids: 82.9 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852575 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.16	U	0.16	0.023
100-52-7	Benzaldehyde	0.40	U	0.40	0.066
56-55-3	Benzo[a]anthracene	0.040	U	0.040	0.014
50-32-8	Benzo[a]pyrene	0.040	U	0.040	0.011
205-99-2	Benzo[b]fluoranthene	0.040	U	0.040	0.010
191-24-2	Benzo[g,h,i]perylene	0.40	U	0.40	0.012
207-08-9	Benzo[k]fluoranthene	0.040	U	0.040	0.0078
111-91-1	Bis(2-chloroethoxy)methane	0.40	U	0.40	0.031
111-44-4	Bis(2-chloroethyl)ether	0.040	U	0.040	0.014
117-81-7	Bis(2-ethylhexyl) phthalate	0.40	U	0.40	0.021
85-68-7	Butyl benzyl phthalate	0.40	U	0.40	0.019
105-60-2	Caprolactam	0.40	U	0.40	0.062
86-74-8	Carbazole	0.40	U	0.40	0.015
218-01-9	Chrysene	0.40	U	0.40	0.0067
53-70-3	Dibenz(a,h)anthracene	0.040	U	0.040	0.017
132-64-9	Dibenzofuran	0.40	U	0.40	0.013
84-66-2	Diethyl phthalate	0.40	U	0.40	0.013
131-11-3	Dimethyl phthalate	0.40	U	0.40	0.090
84-74-2	Di-n-butyl phthalate	0.40	U	0.40	0.015
117-84-0	Di-n-octyl phthalate	0.40	U	0.40	0.021
206-44-0	Fluoranthene	0.016	J	0.40	0.014
86-73-7	Fluorene	0.40	U	0.40	0.012
118-74-1	Hexachlorobenzene	0.040	U	0.040	0.019
87-68-3	Hexachlorobutadiene	0.081	U	0.081	0.0085
77-47-4	Hexachlorocyclopentadiene	0.40	U	0.40	0.035
67-72-1	Hexachloroethane	0.040	U	0.040	0.014
193-39-5	Indeno[1,2,3-cd]pyrene	0.040	U	0.040	0.016
78-59-1	Isophorone	0.16	U	0.16	0.11
91-20-3	Naphthalene	0.069	J	0.40	0.0069
98-95-3	Nitrobenzene	0.040	U	0.040	0.022
621-64-7	N-Nitrosodi-n-propylamine	0.040	U	0.040	0.029
86-30-6	N-Nitrosodiphenylamine	0.40	U	0.40	0.033

MT 8/1/22

7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-18 (12-15) | Lab Sample ID: 460-260931-7

Matrix: Solid | Lab File ID: f463581.D

Analysis Method: 8270E | Date Collected: 06/27/2022 12:05

Extract. Method: 3546 | Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.04(g) | Date Analyzed: 06/29/2022 12:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 17.1 % Solids: 82.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852575 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.32	U	0.32	0.082
85-01-8	Phenanthrene	0.044	J	0.40	0.0070
108-95-2	Phenol	0.40	U	0.40	0.015
129-00-0	Pyrene	0.40	U	0.40	0.0099

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	121		10-123
321-60-8	2-Fluorobiphenyl	107		22-122
367-12-4	2-Fluorophenol (Surr)	91		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	105		16-125
4165-62-2	Phenol-d5 (Surr)	96		23-120
1718-51-0	Terphenyl-d14 (Surr)	120		25-126

MT 8/11/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

8

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-DUP-01 Lab Sample ID: 460-260931-8

Matrix: Solid Lab File ID: f463582.D

Analysis Method: 8270E Date Collected: 06/27/2022 12:10

Extract. Method: 3546 Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.09(g) Date Analyzed: 06/29/2022 12:48

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 17.6 % Solids: 82.4 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852575 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.40	U	0.40	0.014
95-94-3	1,2,4,5-Tetrachlorobenzene	0.40	U	0.40	0.012
123-91-1	1,4-Dioxane	0.040	U	0.040	0.035
108-60-1	2,2'-oxybis[1-chloropropane]	0.40	U	0.40	0.0072
58-90-2	2,3,4,6-Tetrachlorophenol	0.40	U UJ	0.40	0.027
95-95-4	2,4,5-Trichlorophenol	0.40	U	0.40	0.041
88-06-2	2,4,6-Trichlorophenol	0.16	U	0.16	0.051
120-83-2	2,4-Dichlorophenol	0.16	U	0.16	0.026
105-67-9	2,4-Dimethylphenol	0.40	U	0.40	0.048
51-28-5	2,4-Dinitrophenol	0.32	U	0.32	0.20
121-14-2	2,4-Dinitrotoluene	0.081	U UJ	0.081	0.043
606-20-2	2,6-Dinitrotoluene	0.081	U	0.081	0.029
91-58-7	2-Chloronaphthalene	0.40	U	0.40	0.018
95-57-8	2-Chlorophenol	0.40	U	0.40	0.014
91-57-6	2-Methylnaphthalene	0.40	U	0.40	0.011
95-48-7	2-Methylphenol	0.40	U	0.40	0.015
88-74-4	2-Nitroaniline	0.40	U	0.40	0.030
88-75-5	2-Nitrophenol	0.40	U	0.40	0.040
91-94-1	3,3'-Dichlorobenzidine	0.16	U	0.16	0.060
99-09-2	3-Nitroaniline	0.40	U	0.40	0.095
534-52-1	4,6-Dinitro-2-methylphenol	0.32	U	0.32	0.16
101-55-3	4-Bromophenyl phenyl ether	0.40	U	0.40	0.016
59-50-7	4-Chloro-3-methylphenol	0.40	U	0.40	0.022
106-47-8	4-Chloroaniline	0.40	U	0.40	0.071
7005-72-3	4-Chlorophenyl phenyl ether	0.40	U	0.40	0.014
106-44-5	4-Methylphenol	0.40	U	0.40	0.025
100-01-6	4-Nitroaniline	0.40	U	0.40	0.046
100-02-7	4-Nitrophenol	0.81	U	0.81	0.065
83-32-9	Acenaphthene	0.40	U	0.40	0.011
208-96-8	Acenaphthylene	0.40	U	0.40	0.011
98-86-2	Acetophenone	0.40	U	0.40	0.020
120-12-7	Anthracene	0.40	U	0.40	0.012

MT 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

8

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-DUP-01 Lab Sample ID: 460-260931-8

Matrix: Solid Lab File ID: f463582.D

Analysis Method: 8270E Date Collected: 06/27/2022 12:10

Extract. Method: 3546 Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.09(g) Date Analyzed: 06/29/2022 12:48

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 17.6 % Solids: 82.4 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852575 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.16	U	0.16	0.023
100-52-7	Benzaldehyde	0.40	U	0.40	0.066
56-55-3	Benzo[a]anthracene	0.040	U	0.040	0.014
50-32-8	Benzo[a]pyrene	0.040	U	0.040	0.011
205-99-2	Benzo[b]fluoranthene	0.040	U	0.040	0.010
191-24-2	Benzo[g,h,i]perylene	0.40	U	0.40	0.012
207-08-9	Benzo[k]fluoranthene	0.040	U	0.040	0.0078
111-91-1	Bis(2-chloroethoxy)methane	0.40	U	0.40	0.031
111-44-4	Bis(2-chloroethyl)ether	0.040	U	0.040	0.014
117-81-7	Bis(2-ethylhexyl) phthalate	0.40	U	0.40	0.021
85-68-7	Butyl benzyl phthalate	0.40	U	0.40	0.019
105-60-2	Caprolactam	0.40	U	0.40	0.062
86-74-8	Carbazole	0.40	U	0.40	0.015
218-01-9	Chrysene	0.40	U	0.40	0.0067
53-70-3	Dibenz(a,h)anthracene	0.040	U	0.040	0.017
132-64-9	Dibenzofuran	0.40	U	0.40	0.013
84-66-2	Diethyl phthalate	0.40	U	0.40	0.013
131-11-3	Dimethyl phthalate	0.40	U	0.40	0.091
84-74-2	Di-n-butyl phthalate	0.40	U	0.40	0.015
117-84-0	Di-n-octyl phthalate	0.40	U	0.40	0.021
206-44-0	Fluoranthene	0.40	U	0.40	0.014
86-73-7	Fluorene	0.40	U	0.40	0.012
118-74-1	Hexachlorobenzene	0.040	U	0.040	0.019
87-68-3	Hexachlorobutadiene	0.081	U	0.081	0.0085
77-47-4	Hexachlorocyclopentadiene	0.40	U	0.40	0.035
67-72-1	Hexachloroethane	0.040	U	0.040	0.014
193-39-5	Indeno[1,2,3-cd]pyrene	0.040	U	0.040	0.016
78-59-1	Isophorone	0.16	U	0.16	0.12
91-20-3	Naphthalene	0.40	U	0.40	0.0069
98-95-3	Nitrobenzene	0.040	U	0.040	0.022
621-64-7	N-Nitrosodi-n-propylamine	0.040	U	0.040	0.029
86-30-6	N-Nitrosodiphenylamine	0.40	U	0.40	0.033

MT 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

8

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-DUP-01 | Lab Sample ID: 460-260931-8

Matrix: Solid | Lab File ID: f463582.D

Analysis Method: 8270E | Date Collected: 06/27/2022 12:10

Extract. Method: 3546 | Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.09(g) | Date Analyzed: 06/29/2022 12:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 17.6 % Solids: 82.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852575 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.32	U	0.32	0.082
85-01-8	Phenanthrene	0.40	U	0.40	0.0070
108-95-2	Phenol	0.40	U	0.40	0.015
129-00-0	Pyrene	0.40	U	0.40	0.0099

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	103		10-123
321-60-8	2-Fluorobiphenyl	93		22-122
367-12-4	2-Fluorophenol (Surr)	81		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	92		16-125
4165-62-2	Phenol-d5 (Surr)	86		23-120
1718-51-0	Terphenyl-d14 (Surr)	102		25-126

MT 8/4/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

9

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-13 (1-4) Lab Sample ID: 460-260931-9

Matrix: Solid Lab File ID: f463589.D

Analysis Method: 8270E Date Collected: 06/27/2022 13:05

Extract. Method: 3546 Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.03(g) Date Analyzed: 06/29/2022 14:49

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 11.0 % Solids: 89.0 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852575 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.37	U	0.37	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012
123-91-1	1,4-Dioxane	0.037	U	0.037	0.032
108-60-1	2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.0067
58-90-2	2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025
95-95-4	2,4,5-Trichlorophenol	0.37	U	0.37	0.038
88-06-2	2,4,6-Trichlorophenol	0.15	U	0.15	0.048
120-83-2	2,4-Dichlorophenol	0.15	U	0.15	0.024
105-67-9	2,4-Dimethylphenol	0.37	U	0.37	0.044
51-28-5	2,4-Dinitrophenol	0.30	U	0.30	0.18
121-14-2	2,4-Dinitrotoluene	0.075	U	0.075	0.040
606-20-2	2,6-Dinitrotoluene	0.075	U	0.075	0.027
91-58-7	2-Chloronaphthalene	0.37	U	0.37	0.017
95-57-8	2-Chlorophenol	0.37	U	0.37	0.013
91-57-6	2-Methylnaphthalene	0.37	U	0.37	0.010
95-48-7	2-Methylphenol	0.37	U	0.37	0.014
88-74-4	2-Nitroaniline	0.37	U	0.37	0.028
88-75-5	2-Nitrophenol	0.37	U	0.37	0.037
91-94-1	3,3'-Dichlorobenzidine	0.15	U	0.15	0.056
99-09-2	3-Nitroaniline	0.37	U	0.37	0.088
534-52-1	4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15
101-55-3	4-Bromophenyl phenyl ether	0.37	U	0.37	0.015
59-50-7	4-Chloro-3-methylphenol	0.37	U	0.37	0.021
106-47-8	4-Chloroaniline	0.37	U	0.37	0.066
7005-72-3	4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013
106-44-5	4-Methylphenol	0.37	U	0.37	0.023
100-01-6	4-Nitroaniline	0.37	U	0.37	0.043
100-02-7	4-Nitrophenol	0.75	U	0.75	0.060
83-32-9	Acenaphthene	0.016	J	0.37	0.011
208-96-8	Acenaphthylene	0.032	J	0.37	0.011
98-86-2	Acetophenone	0.37	U	0.37	0.018
120-12-7	Anthracene	0.098	J	0.37	0.011

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

9

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-13 (1-4) Lab Sample ID: 460-260931-9

Matrix: Solid Lab File ID: f463589.D

Analysis Method: 8270E Date Collected: 06/27/2022 13:05

Extract. Method: 3546 Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.03(g) Date Analyzed: 06/29/2022 14:49

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 11.0 % Solids: 89.0 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852575 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.15	U	0.15	0.022
100-52-7	Benzaldehyde	0.37	U	0.37	0.061
56-55-3	Benzo[a]anthracene	0.69		0.037	0.013
50-32-8	Benzo[a]pyrene	0.65		0.037	0.0099
205-99-2	Benzo[b]fluoranthene	0.90		0.037	0.0096
191-24-2	Benzo[g,h,i]perylene	0.48		0.37	0.011
207-08-9	Benzo[k]fluoranthene	0.36		0.037	0.0073
111-91-1	Bis(2-chloroethoxy)methane	0.37	U	0.37	0.029
111-44-4	Bis(2-chloroethyl)ether	0.037	U	0.037	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020
85-68-7	Butyl benzyl phthalate	0.37	U	0.37	0.017
105-60-2	Caprolactam	0.37	U	0.37	0.058
86-74-8	Carbazole	0.052	J	0.37	0.014
218-01-9	Chrysene	0.73		0.37	0.0063
53-70-3	Dibenz(a,h)anthracene	0.071		0.037	0.016
132-64-9	Dibenzofuran	0.017	J	0.37	0.012
84-66-2	Diethyl phthalate	0.37	U	0.37	0.012
131-11-3	Dimethyl phthalate	0.37	U	0.37	0.084
84-74-2	Di-n-butyl phthalate	0.37	U	0.37	0.014
117-84-0	Di-n-octyl phthalate	0.37	U	0.37	0.020
206-44-0	Fluoranthene	1.6		0.37	0.013
86-73-7	Fluorene	0.015	J	0.37	0.011
118-74-1	Hexachlorobenzene	0.037	U	0.037	0.018
87-68-3	Hexachlorobutadiene	0.075	U	0.075	0.0079
77-47-4	Hexachlorocyclopentadiene	0.37	U	0.37	0.033
67-72-1	Hexachloroethane	0.037	U	0.037	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.68		0.037	0.014
78-59-1	Isophorone	0.15	U	0.15	0.11
91-20-3	Naphthalene	0.043	J	0.37	0.0064
98-95-3	Nitrobenzene	0.037	U	0.037	0.021
621-64-7	N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027
86-30-6	N-Nitrosodiphenylamine	0.37	U	0.37	0.031

MT 8/1/22

9

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-13 (1-4) Lab Sample ID: 460-260931-9

Matrix: Solid Lab File ID: f463589.D

Analysis Method: 8270E Date Collected: 06/27/2022 13:05

Extract. Method: 3546 Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.03(g) Date Analyzed: 06/29/2022 14:49

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 11.0 % Solids: 89.0 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852575 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.30	U	0.30	0.076
85-01-8	Phenanthrene	0.54		0.37	0.0065
108-95-2	Phenol	0.37	U	0.37	0.014
129-00-0	Pyrene	1.5		0.37	0.0092

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	101		10-123
321-60-8	2-Fluorobiphenyl	96		22-122
367-12-4	2-Fluorophenol (Surr)	84		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	93		16-125
4165-62-2	Phenol-d5 (Surr)	86		23-120
1718-51-0	Terphenyl-d14 (Surr)	103		25-126

MT 8/1/22

9

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

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-13 (1-4) | Lab Sample ID: 460-260931-9

Matrix: Solid | Lab File ID: f463589.D

Analysis Method: 8270E | Date Collected: 06/27/2022 13:05

Extract. Method: 3546 | Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.03(g) | Date Analyzed: 06/29/2022 14:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 11.0 % Solids: 89.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852575 | Units: mg/Kg

Number TICs Found: 1 | TIC Result Total: 0.42

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
192-97-2	Benzo[e]pyrene	10.12	0.42	J NJ	98%

FORM I-TIC 8270E

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

10

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-12 (1-4) Lab Sample ID: 460-260931-10

Matrix: Solid Lab File ID: f463590.D

Analysis Method: 8270E Date Collected: 06/27/2022 13:20

Extract. Method: 3546 Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.01(g) Date Analyzed: 06/29/2022 15:06

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 5.9 % Solids: 94.1 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852575 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.35	U	0.35	0.012
95-94-3	1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011
123-91-1	1,4-Dioxane	0.035	U	0.035	0.031
108-60-1	2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.0064
58-90-2	2,3,4,6-Tetrachlorophenol	0.35	U UJ	0.35	0.024
95-95-4	2,4,5-Trichlorophenol	0.35	U	0.35	0.036
88-06-2	2,4,6-Trichlorophenol	0.14	U	0.14	0.045
120-83-2	2,4-Dichlorophenol	0.14	U	0.14	0.023
105-67-9	2,4-Dimethylphenol	0.35	U	0.35	0.042
51-28-5	2,4-Dinitrophenol	0.28	U	0.28	0.17
121-14-2	2,4-Dinitrotoluene	0.071	U UJ	0.071	0.038
606-20-2	2,6-Dinitrotoluene	0.071	U	0.071	0.025
91-58-7	2-Chloronaphthalene	0.35	U	0.35	0.016
95-57-8	2-Chlorophenol	0.35	U	0.35	0.013
91-57-6	2-Methylnaphthalene	0.35	U	0.35	0.0098
95-48-7	2-Methylphenol	0.35	U	0.35	0.013
88-74-4	2-Nitroaniline	0.35	U	0.35	0.027
88-75-5	2-Nitrophenol	0.35	U	0.35	0.035
91-94-1	3,3'-Dichlorobenzidine	0.14	U	0.14	0.053
99-09-2	3-Nitroaniline	0.35	U	0.35	0.083
534-52-1	4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14
101-55-3	4-Bromophenyl phenyl ether	0.35	U	0.35	0.014
59-50-7	4-Chloro-3-methylphenol	0.35	U	0.35	0.020
106-47-8	4-Chloroaniline	0.35	U	0.35	0.062
7005-72-3	4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012
106-44-5	4-Methylphenol	0.35	U	0.35	0.022
100-01-6	4-Nitroaniline	0.35	U	0.35	0.040
100-02-7	4-Nitrophenol	0.71	U	0.71	0.057
83-32-9	Acenaphthene	0.35	U	0.35	0.010
208-96-8	Acenaphthylene	0.35	U	0.35	0.010
98-86-2	Acetophenone	0.35	U	0.35	0.017
120-12-7	Anthracene	0.017	J	0.35	0.011

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

10

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-12 (1-4) Lab Sample ID: 460-260931-10

Matrix: Solid Lab File ID: f463590.D

Analysis Method: 8270E Date Collected: 06/27/2022 13:20

Extract. Method: 3546 Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.01(g) Date Analyzed: 06/29/2022 15:06

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 5.9 % Solids: 94.1 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852575 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.14	U	0.14	0.021
100-52-7	Benzaldehyde	0.35	U	0.35	0.058
56-55-3	Benzo[a]anthracene	0.096		0.035	0.012
50-32-8	Benzo[a]pyrene	0.079		0.035	0.0094
205-99-2	Benzo[b]fluoranthene	0.12		0.035	0.0091
191-24-2	Benzo[g,h,i]perylene	0.058	J	0.35	0.010
207-08-9	Benzo[k]fluoranthene	0.043		0.035	0.0069
111-91-1	Bis(2-chloroethoxy)methane	0.35	U	0.35	0.027
111-44-4	Bis(2-chloroethyl)ether	0.035	U	0.035	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019
85-68-7	Butyl benzyl phthalate	0.35	U	0.35	0.016
105-60-2	Caprolactam	0.35	U	0.35	0.055
86-74-8	Carbazole	0.35	U	0.35	0.013
218-01-9	Chrysene	0.090	J	0.35	0.0059
53-70-3	Dibenz(a,h)anthracene	0.035	U	0.035	0.015
132-64-9	Dibenzofuran	0.35	U	0.35	0.012
84-66-2	Diethyl phthalate	0.35	U	0.35	0.011
131-11-3	Dimethyl phthalate	0.35	U	0.35	0.080
84-74-2	Di-n-butyl phthalate	0.35	U	0.35	0.013
117-84-0	Di-n-octyl phthalate	0.35	U	0.35	0.019
206-44-0	Fluoranthene	0.18	J	0.35	0.012
86-73-7	Fluorene	0.35	U	0.35	0.010
118-74-1	Hexachlorobenzene	0.035	U	0.035	0.017
87-68-3	Hexachlorobutadiene	0.071	U	0.071	0.0075
77-47-4	Hexachlorocyclopentadiene	0.35	U	0.35	0.031
67-72-1	Hexachloroethane	0.035	U	0.035	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.099		0.035	0.014
78-59-1	Isophorone	0.14	U	0.14	0.10
91-20-3	Naphthalene	0.35	U	0.35	0.0061
98-95-3	Nitrobenzene	0.035	U	0.035	0.019
621-64-7	N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026
86-30-6	N-Nitrosodiphenylamine	0.35	U	0.35	0.029

MJ 8/10/22

10

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-12 (1-4) | Lab Sample ID: 460-260931-10

Matrix: Solid | Lab File ID: f463590.D

Analysis Method: 8270E | Date Collected: 06/27/2022 13:20

Extract. Method: 3546 | Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.01(g) | Date Analyzed: 06/29/2022 15:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 5.9 % Solids: 94.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852575 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.28	U	0.28	0.072
85-01-8	Phenanthrene	0.079	J	0.35	0.0062
108-95-2	Phenol	0.35	U	0.35	0.013
129-00-0	Pyrene	0.17	J	0.35	0.0087

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	94		10-123
321-60-8	2-Fluorobiphenyl	91		22-122
367-12-4	2-Fluorophenol (Surr)	77		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	89		16-125
4165-62-2	Phenol-d5 (Surr)	81		23-120
1718-51-0	Terphenyl-d14 (Surr)	100		25-126

MT 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

11

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-01 Lab Sample ID: 460-260931-11

Matrix: Water Lab File ID: P105513.D

Analysis Method: 8270E Date Collected: 06/27/2022 14:05

Extract. Method: 3510C Date Extracted: 06/28/2022 20:50

Sample wt/vol: 250(mL) Date Analyzed: 06/29/2022 10:20

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852572 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	1.2
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
123-91-1	1,4-Dioxane	10	U	10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
51-28-5	2,4-Dinitrophenol	20	U	20	2.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
91-58-7	2-Chloronaphthalene	10	U	10	1.2
95-57-8	2-Chlorophenol	10	U	10	0.38
91-57-6	2-Methylnaphthalene	10	U	10	0.53
95-48-7	2-Methylphenol	10	U	10	0.67
88-74-4	2-Nitroaniline	10	U	10	0.47
88-75-5	2-Nitrophenol	10	U UJ	10	0.75
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
99-09-2	3-Nitroaniline	10	U	10	1.9
534-52-1	4,6-Dinitro-2-methylphenol	20	U UJ	20	3.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
106-47-8	4-Chloroaniline	10	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
106-44-5	4-Methylphenol	10	U	10	0.65
100-01-6	4-Nitroaniline	10	U	10	1.2
100-02-7	4-Nitrophenol	20	U	20	4.0
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
98-86-2	Acetophenone	10	U	10	2.3
120-12-7	Anthracene	10	U	10	1.3

MT 8/11/22

11

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-01 | Lab Sample ID: 460-260931-11

Matrix: Water | Lab File ID: P105513.D

Analysis Method: 8270E | Date Collected: 06/27/2022 14:05

Extract. Method: 3510C | Date Extracted: 06/28/2022 20:50

Sample wt/vol: 250(mL) | Date Analyzed: 06/29/2022 10:20

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852572 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	2.0	U	2.0	1.3
100-52-7	Benzaldehyde	10	U	10	2.1
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
105-60-2	Caprolactam	10	U	10	2.2
86-74-8	Carbazole	10	U	10	0.68
218-01-9	Chrysene	2.0	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
132-64-9	Dibenzofuran	10	U	10	1.1
84-66-2	Diethyl phthalate	10	U	10	0.98
131-11-3	Dimethyl phthalate	10	U	10	0.77
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89

MS 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

11

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-01 | Lab Sample ID: 460-260931-11

Matrix: Water | Lab File ID: P105513.D

Analysis Method: 8270E | Date Collected: 06/27/2022 14:05

Extract. Method: 3510C | Date Extracted: 06/28/2022 20:50

Sample wt/vol: 250(mL) | Date Analyzed: 06/29/2022 10:20

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852572 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	20	U	20	1.4
85-01-8	Phenanthrene	10	U	10	1.3
108-95-2	Phenol	10	U	10	0.29
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	123		37-150
321-60-8	2-Fluorobiphenyl	112		46-139
367-12-4	2-Fluorophenol (Surr)	67		19-80
4165-60-0	Nitrobenzene-d5 (Surr)	129		52-137
4165-62-2	Phenol-d5 (Surr)	46		10-56
1718-51-0	Terphenyl-d14 (Surr)	136		22-150

MT 8/11/22

12

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-N (20.5-22.5) Lab Sample ID: 460-260931-12

Matrix: Solid Lab File ID: f463586.D

Analysis Method: 8270E Date Collected: 06/27/2022 14:40

Extract. Method: 3546 Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.00(g) Date Analyzed: 06/29/2022 13:57

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 6.1 % Solids: 93.9 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852575 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.35	U	0.35	0.012
95-94-3	1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011
123-91-1	1,4-Dioxane	0.035	U	0.035	0.031
108-60-1	2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.0064
58-90-2	2,3,4,6-Tetrachlorophenol	0.35	U UJ	0.35	0.024
95-95-4	2,4,5-Trichlorophenol	0.35	U	0.35	0.036
88-06-2	2,4,6-Trichlorophenol	0.14	U	0.14	0.045
120-83-2	2,4-Dichlorophenol	0.14	U	0.14	0.023
105-67-9	2,4-Dimethylphenol	0.35	U	0.35	0.042
51-28-5	2,4-Dinitrophenol	0.28	U	0.28	0.17
121-14-2	2,4-Dinitrotoluene	0.071	U UJ	0.071	0.038
606-20-2	2,6-Dinitrotoluene	0.071	U	0.071	0.025
91-58-7	2-Chloronaphthalene	0.35	U	0.35	0.016
95-57-8	2-Chlorophenol	0.35	U	0.35	0.013
91-57-6	2-Methylnaphthalene	0.35	U	0.35	0.0098
95-48-7	2-Methylphenol	0.35	U	0.35	0.013
88-74-4	2-Nitroaniline	0.35	U	0.35	0.027
88-75-5	2-Nitrophenol	0.35	U	0.35	0.035
91-94-1	3,3'-Dichlorobenzidine	0.14	U	0.14	0.053
99-09-2	3-Nitroaniline	0.35	U	0.35	0.084
534-52-1	4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14
101-55-3	4-Bromophenyl phenyl ether	0.35	U	0.35	0.014
59-50-7	4-Chloro-3-methylphenol	0.35	U	0.35	0.020
106-47-8	4-Chloroaniline	0.35	U	0.35	0.062
7005-72-3	4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012
106-44-5	4-Methylphenol	0.35	U	0.35	0.022
100-01-6	4-Nitroaniline	0.35	U	0.35	0.040
100-02-7	4-Nitrophenol	0.71	U	0.71	0.057
83-32-9	Acenaphthene	0.35	U	0.35	0.010
208-96-8	Acenaphthylene	0.35	U	0.35	0.010
98-86-2	Acetophenone	0.35	U	0.35	0.017
120-12-7	Anthracene	0.35	U	0.35	0.011

MM 8/11/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-N (20.5-22.5) Lab Sample ID: 460-260931-12

Matrix: Solid Lab File ID: f463586.D

Analysis Method: 8270E Date Collected: 06/27/2022 14:40

Extract. Method: 3546 Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.00(g) Date Analyzed: 06/29/2022 13:57

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 6.1 % Solids: 93.9 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852575 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.14	U	0.14	0.021
100-52-7	Benzaldehyde	0.35	U	0.35	0.058
56-55-3	Benzo[a]anthracene	0.035	U	0.035	0.012
50-32-8	Benzo[a]pyrene	0.035	U	0.035	0.0094
205-99-2	Benzo[b]fluoranthene	0.035	U	0.035	0.0091
191-24-2	Benzo[g,h,i]perylene	0.35	U	0.35	0.010
207-08-9	Benzo[k]fluoranthene	0.035	U	0.035	0.0069
111-91-1	Bis(2-chloroethoxy)methane	0.35	U	0.35	0.027
111-44-4	Bis(2-chloroethyl)ether	0.035	U	0.035	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019
85-68-7	Butyl benzyl phthalate	0.35	U	0.35	0.017
105-60-2	Caprolactam	0.35	U	0.35	0.055
86-74-8	Carbazole	0.35	U	0.35	0.013
218-01-9	Chrysene	0.35	U	0.35	0.0060
53-70-3	Dibenz(a,h)anthracene	0.035	U	0.035	0.015
132-64-9	Dibenzofuran	0.35	U	0.35	0.012
84-66-2	Diethyl phthalate	0.35	U	0.35	0.011
131-11-3	Dimethyl phthalate	0.35	U	0.35	0.080
84-74-2	Di-n-butyl phthalate	0.35	U	0.35	0.013
117-84-0	Di-n-octyl phthalate	0.35	U	0.35	0.019
206-44-0	Fluoranthene	0.35	U	0.35	0.012
86-73-7	Fluorene	0.35	U	0.35	0.010
118-74-1	Hexachlorobenzene	0.035	U	0.035	0.017
87-68-3	Hexachlorobutadiene	0.071	U	0.071	0.0075
77-47-4	Hexachlorocyclopentadiene	0.35	U	0.35	0.031
67-72-1	Hexachloroethane	0.035	U	0.035	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014
78-59-1	Isophorone	0.14	U	0.14	0.10
91-20-3	Naphthalene	0.35	U	0.35	0.0061
98-95-3	Nitrobenzene	0.035	U	0.035	0.020
621-64-7	N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026
86-30-6	N-Nitrosodiphenylamine	0.35	U	0.35	0.029

MT 8/11/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-N (20.5-22.5) | Lab Sample ID: 460-260931-12

Matrix: Solid | Lab File ID: f463586.D

Analysis Method: 8270E | Date Collected: 06/27/2022 14:40

Extract. Method: 3546 | Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.00(g) | Date Analyzed: 06/29/2022 13:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 6.1 % Solids: 93.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852575 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.28	U	0.28	0.072
85-01-8	Phenanthrene	0.35	U	0.35	0.0062
108-95-2	Phenol	0.35	U	0.35	0.013
129-00-0	Pyrene	0.35	U	0.35	0.0088

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	114		10-123
321-60-8	2-Fluorobiphenyl	111		22-122
367-12-4	2-Fluorophenol (Surr)	95		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	109		16-125
4165-62-2	Phenol-d5 (Surr)	99		23-120
1718-51-0	Terphenyl-d14 (Surr)	125		25-126

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-N (13-15) | Lab Sample ID: 460-260931-13

Matrix: Solid | Lab File ID: f463591.D

Analysis Method: 8270E | Date Collected: 06/27/2022 15:00

Extract. Method: 3546 | Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.03(g) | Date Analyzed: 06/29/2022 15:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 4.6 % Solids: 95.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852575 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	1.0		0.35	0.012
95-94-3	1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011
123-91-1	1,4-Dioxane	0.035	U	0.035	0.030
108-60-1	2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.0063
58-90-2	2,3,4,6-Tetrachlorophenol	0.35	~~U~~ UJ	0.35	0.023
95-95-4	2,4,5-Trichlorophenol	0.35	U	0.35	0.035
88-06-2	2,4,6-Trichlorophenol	0.14	U	0.14	0.044
120-83-2	2,4-Dichlorophenol	0.14	U	0.14	0.022
105-67-9	2,4-Dimethylphenol	0.35	U	0.35	0.041
51-28-5	2,4-Dinitrophenol	0.28	U	0.28	0.17
121-14-2	2,4-Dinitrotoluene	0.070	~~U~~ UJ	0.070	0.037
606-20-2	2,6-Dinitrotoluene	0.070	U	0.070	0.025
91-58-7	2-Chloronaphthalene	0.35	U	0.35	0.016
95-57-8	2-Chlorophenol	0.35	U	0.35	0.012
91-57-6	2-Methylnaphthalene	0.35	U	0.35	0.0097
95-48-7	2-Methylphenol	0.35	U	0.35	0.013
88-74-4	2-Nitroaniline	0.35	U	0.35	0.026
88-75-5	2-Nitrophenol	0.35	U	0.35	0.035
91-94-1	3,3'-Dichlorobenzidine	0.14	U	0.14	0.052
99-09-2	3-Nitroaniline	0.35	U	0.35	0.082
534-52-1	4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14
101-55-3	4-Bromophenyl phenyl ether	0.35	U	0.35	0.014
59-50-7	4-Chloro-3-methylphenol	0.35	U	0.35	0.019
106-47-8	4-Chloroaniline	0.35	U	0.35	0.061
7005-72-3	4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012
106-44-5	4-Methylphenol	0.35	U	0.35	0.022
100-01-6	4-Nitroaniline	0.35	U	0.35	0.040
100-02-7	4-Nitrophenol	0.70	U	0.70	0.056
83-32-9	Acenaphthene	0.15	J	0.35	0.0099
208-96-8	Acenaphthylene	0.17	J	0.35	0.0099
98-86-2	Acetophenone	0.35	U	0.35	0.017
120-12-7	Anthracene	0.069	J	0.35	0.011

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-N (13-15) | Lab Sample ID: 460-260931-13

Matrix: Solid | Lab File ID: f463591.D

Analysis Method: 8270E | Date Collected: 06/27/2022 15:00

Extract. Method: 3546 | Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.03(g) | Date Analyzed: 06/29/2022 15:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 4.6 % Solids: 95.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852575 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.14	U	0.14	0.020
100-52-7	Benzaldehyde	0.35	U	0.35	0.057
56-55-3	Benzo[a]anthracene	0.086		0.035	0.012
50-32-8	Benzo[a]pyrene	0.055		0.035	0.0092
205-99-2	Benzo[b]fluoranthene	0.10		0.035	0.0090
191-24-2	Benzo[g,h,i]perylene	0.043	J	0.35	0.010
207-08-9	Benzo[k]fluoranthene	0.033	J	0.035	0.0068
111-91-1	Bis(2-chloroethoxy)methane	0.35	U	0.35	0.027
111-44-4	Bis(2-chloroethyl)ether	0.035	U	0.035	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018
85-68-7	Butyl benzyl phthalate	0.35	U	0.35	0.016
105-60-2	Caprolactam	0.35	U	0.35	0.054
86-74-8	Carbazole	0.35	U	0.35	0.013
218-01-9	Chrysene	0.19	J	0.35	0.0058
53-70-3	Dibenz(a,h)anthracene	0.035	U	0.035	0.015
132-64-9	Dibenzofuran	0.21	J	0.35	0.012
84-66-2	Diethyl phthalate	0.35	U	0.35	0.011
131-11-3	Dimethyl phthalate	0.35	U	0.35	0.079
84-74-2	Di-n-butyl phthalate	0.35	U	0.35	0.013
117-84-0	Di-n-octyl phthalate	0.35	U	0.35	0.018
206-44-0	Fluoranthene	0.23	J	0.35	0.012
86-73-7	Fluorene	0.27	J	0.35	0.010
118-74-1	Hexachlorobenzene	0.035	U	0.035	0.016
87-68-3	Hexachlorobutadiene	0.070	U	0.070	0.0074
77-47-4	Hexachlorocyclopentadiene	0.35	U	0.35	0.030
67-72-1	Hexachloroethane	0.035	U	0.035	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.069		0.035	0.014
78-59-1	Isophorone	0.14	U	0.14	0.10
91-20-3	Naphthalene	0.35	U	0.35	0.0060
98-95-3	Nitrobenzene	0.035	U	0.035	0.019
621-64-7	N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025
86-30-6	N-Nitrosodiphenylamine	0.35	U	0.35	0.028

MR 8/1/22

13

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-N (13-15) Lab Sample ID: 460-260931-13

Matrix: Solid Lab File ID: f463591.D

Analysis Method: 8270E Date Collected: 06/27/2022 15:00

Extract. Method: 3546 Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.03(g) Date Analyzed: 06/29/2022 15:23

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 4.6 % Solids: 95.4 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852575 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.28	U	0.28	0.071
85-01-8	Phenanthrene	0.41		0.35	0.0061
108-95-2	Phenol	0.35	U	0.35	0.013
129-00-0	Pyrene	0.25	J	0.35	0.0086

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	123		10-123
321-60-8	2-Fluorobiphenyl	104		22-122
367-12-4	2-Fluorophenol (Surr)	96		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	198	✓	16-125
4165-62-2	Phenol-d5 (Surr)	106		23-120
1718-51-0	Terphenyl-d14 (Surr)	111		25-126

MM 8/1/22

13

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

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-N (13-15) | Lab Sample ID: 460-260931-13

Matrix: Solid | Lab File ID: f463591.D

Analysis Method: 8270E | Date Collected: 06/27/2022 15:00

Extract. Method: 3546 | Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.03(g) | Date Analyzed: 06/29/2022 15:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 4.6 % Solids: 95.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852575 | Units: mg/Kg

Number TICs Found: 20 | TIC Result Total: 185.5

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	2.81	13	J	
	Unknown	3.00	7.0	J	
	Unknown	3.44	8.1	J	
	Unknown	3.62	7.2	J	
	Unknown	3.82	6.1	J	
	Unknown	3.88	7.2	J	
	Unknown	3.94	9.6	J	
	Unknown	4.03	13	J	
	Unknown	4.09	9.2	J	
	Unknown	4.14	6.9	J	
	Unknown	4.18	7.7	J	
	Unknown	4.35	8.6	J	
	Unknown	4.40	17	J	
	Unknown	4.53	5.9	J	
	Unknown	4.55	7.8	J	
	Unknown	4.58	7.7	J	
6117-97-1	Dodecane, 4-methyl-	4.61	8.0	J	95%
	Unknown	4.68	18	J	
	Unknown	5.03	9.1	J	
	Unknown	5.49	8.4	J	

FORM I-TIC 8270E

MT 8/11/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

14

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-N (1-4) | Lab Sample ID: 460-260931-14

Matrix: Solid | Lab File ID: f463599.D

Analysis Method: 8270E | Date Collected: 06/27/2022 15:05

Extract. Method: 3546 | Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.00(g) | Date Analyzed: 06/29/2022 17:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 10.7 % Solids: 89.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852575 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.37	U	0.37	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012
123-91-1	1,4-Dioxane	0.037	U	0.037	0.032
108-60-1	2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.0067
58-90-2	2,3,4,6-Tetrachlorophenol	0.37	U UJ	0.37	0.025
95-95-4	2,4,5-Trichlorophenol	0.37	U	0.37	0.038
88-06-2	2,4,6-Trichlorophenol	0.15	U	0.15	0.048
120-83-2	2,4-Dichlorophenol	0.15	U	0.15	0.024
105-67-9	2,4-Dimethylphenol	0.37	U	0.37	0.044
51-28-5	2,4-Dinitrophenol	0.30	U	0.30	0.18
121-14-2	2,4-Dinitrotoluene	0.075	U UJ	0.075	0.040
606-20-2	2,6-Dinitrotoluene	0.075	U	0.075	0.027
91-58-7	2-Chloronaphthalene	0.37	U	0.37	0.017
95-57-8	2-Chlorophenol	0.37	U	0.37	0.013
91-57-6	2-Methylnaphthalene	0.37	U	0.37	0.010
95-48-7	2-Methylphenol	0.37	U	0.37	0.014
88-74-4	2-Nitroaniline	0.37	U	0.37	0.028
88-75-5	2-Nitrophenol	0.37	U	0.37	0.037
91-94-1	3,3'-Dichlorobenzidine	0.15	U	0.15	0.056
99-09-2	3-Nitroaniline	0.37	U	0.37	0.088
534-52-1	4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15
101-55-3	4-Bromophenyl phenyl ether	0.37	U	0.37	0.015
59-50-7	4-Chloro-3-methylphenol	0.37	U	0.37	0.021
106-47-8	4-Chloroaniline	0.37	U	0.37	0.066
7005-72-3	4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013
106-44-5	4-Methylphenol	0.37	U	0.37	0.023
100-01-6	4-Nitroaniline	0.37	U	0.37	0.043
100-02-7	4-Nitrophenol	0.75	U	0.75	0.060
83-32-9	Acenaphthene	0.024	J	0.37	0.011
208-96-8	Acenaphthylene	0.042	J	0.37	0.011
98-86-2	Acetophenone	0.37	U	0.37	0.018
120-12-7	Anthracene	0.11	J	0.37	0.011

NM 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

14

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-N (1-4) | Lab Sample ID: 460-260931-14

Matrix: Solid | Lab File ID: f463599.D

Analysis Method: 8270E | Date Collected: 06/27/2022 15:05

Extract. Method: 3546 | Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.00(g) | Date Analyzed: 06/29/2022 17:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 10.7 % Solids: 89.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852575 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.15	U	0.15	0.022
100-52-7	Benzaldehyde	0.37	U	0.37	0.061
56-55-3	Benzo[a]anthracene	0.51		0.037	0.013
50-32-8	Benzo[a]pyrene	0.54		0.037	0.0099
205-99-2	Benzo[b]fluoranthene	0.71		0.037	0.0096
191-24-2	Benzo[g,h,i]perylene	0.34	J	0.37	0.011
207-08-9	Benzo[k]fluoranthene	0.25		0.037	0.0073
111-91-1	Bis(2-chloroethoxy)methane	0.37	U	0.37	0.029
111-44-4	Bis(2-chloroethyl)ether	0.037	U	0.037	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020
85-68-7	Butyl benzyl phthalate	0.37	U	0.37	0.017
105-60-2	Caprolactam	0.37	U	0.37	0.058
86-74-8	Carbazole	0.036	J	0.37	0.014
218-01-9	Chrysene	0.55		0.37	0.0063
53-70-3	Dibenz(a,h)anthracene	0.060		0.037	0.016
132-64-9	Dibenzofuran	0.012	J	0.37	0.012
84-66-2	Diethyl phthalate	0.37	U	0.37	0.012
131-11-3	Dimethyl phthalate	0.37	U	0.37	0.084
84-74-2	Di-n-butyl phthalate	0.37	U	0.37	0.014
117-84-0	Di-n-octyl phthalate	0.37	U	0.37	0.020
206-44-0	Fluoranthene	1.0		0.37	0.013
86-73-7	Fluorene	0.021	J	0.37	0.011
118-74-1	Hexachlorobenzene	0.037	U	0.037	0.018
87-68-3	Hexachlorobutadiene	0.075	U	0.075	0.0079
77-47-4	Hexachlorocyclopentadiene	0.37	U	0.37	0.032
67-72-1	Hexachloroethane	0.037	U	0.037	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.45		0.037	0.014
78-59-1	Isophorone	0.15	U	0.15	0.11
91-20-3	Naphthalene	0.019	J	0.37	0.0064
98-95-3	Nitrobenzene	0.037	U	0.037	0.021
621-64-7	N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027
86-30-6	N-Nitrosodiphenylamine	0.37	U	0.37	0.030

MT 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-N (1-4) | Lab Sample ID: 460-260931-14

Matrix: Solid | Lab File ID: f463599.D

Analysis Method: 8270E | Date Collected: 06/27/2022 15:05

Extract. Method: 3546 | Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.00(g) | Date Analyzed: 06/29/2022 17:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 10.7 % Solids: 89.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852575 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.30	U	0.30	0.076
85-01-8	Phenanthrene	0.45		0.37	0.0065
108-95-2	Phenol	0.37	U	0.37	0.014
129-00-0	Pyrene	1.0		0.37	0.0092

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	104		10-123
321-60-8	2-Fluorobiphenyl	94		22-122
367-12-4	2-Fluorophenol (Surr)	80		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	91		16-125
4165-62-2	Phenol-d5 (Surr)	84		23-120
1718-51-0	Terphenyl-d14 (Surr)	95		25-126

MT 8/11/22

14

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

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-N (1-4) | Lab Sample ID: 460-260931-14

Matrix: Solid | Lab File ID: f463599.D

Analysis Method: 8270E | Date Collected: 06/27/2022 15:05

Extract. Method: 3546 | Date Extracted: 06/28/2022 20:25

Sample wt/vol: 15.00(g) | Date Analyzed: 06/29/2022 17:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 10.7 % Solids: 89.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852575 | Units: mg/Kg

Number TICs Found: 2 | TIC Result Total: 0.76

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
192-97-2	Benzo[e]pyrene	10.12	0.35	~~J~~ N NJ	99%
189-55-9	3,4:9,10-Dibenzopyrene	13.13	0.41	~~J~~ N NJ	95%

FORM I-TIC 8270E

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

15

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-16 (1-3) Lab Sample ID: 460-260996-1

Matrix: Solid Lab File ID: L352271.d

Analysis Method: 8270E Date Collected: 06/28/2022 10:15

Extract. Method: 3546 Date Extracted: 06/29/2022 21:55

Sample wt/vol: 15.05(g) Date Analyzed: 06/30/2022 13:06

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.3 % Solids: 90.7 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852913 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.36	U	0.36	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011
123-91-1	1,4-Dioxane	0.036	U	0.036	0.032
108-60-1	2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.0066
58-90-2	2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025
95-95-4	2,4,5-Trichlorophenol	0.36	U	0.36	0.037
88-06-2	2,4,6-Trichlorophenol	0.15	U	0.15	0.047
120-83-2	2,4-Dichlorophenol	0.15	U	0.15	0.023
105-67-9	2,4-Dimethylphenol	0.36	U	0.36	0.043
51-28-5	2,4-Dinitrophenol	0.29	U	0.29	0.18
121-14-2	2,4-Dinitrotoluene	0.074	U	0.074	0.039
606-20-2	2,6-Dinitrotoluene	0.074	U	0.074	0.026
91-58-7	2-Chloronaphthalene	0.36	U	0.36	0.017
95-57-8	2-Chlorophenol	0.36	U	0.36	0.013
91-57-6	2-Methylnaphthalene	0.36	U	0.36	0.010
95-48-7	2-Methylphenol	0.36	U	0.36	0.014
88-74-4	2-Nitroaniline	0.36	U	0.36	0.028
88-75-5	2-Nitrophenol	0.36	U	0.36	0.036
91-94-1	3,3'-Dichlorobenzidine	0.15	U	0.15	0.055
99-09-2	3-Nitroaniline	0.36	U	0.36	0.086
534-52-1	4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15
101-55-3	4-Bromophenyl phenyl ether	0.36	U	0.36	0.014
59-50-7	4-Chloro-3-methylphenol	0.36	U	0.36	0.020
106-47-8	4-Chloroaniline	0.36	U	0.36	0.065
7005-72-3	4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013
106-44-5	4-Methylphenol	0.36	U	0.36	0.023
100-01-6	4-Nitroaniline	0.36	U	0.36	0.042
100-02-7	4-Nitrophenol	0.74	U	0.74	0.059
83-32-9	Acenaphthene	0.36	U	0.36	0.010
208-96-8	Acenaphthylene	0.36	U	0.36	0.010
98-86-2	Acetophenone	0.36	U	0.36	0.018
120-12-7	Anthracene	0.36	U	0.36	0.011

MM 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

15

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-16 (1-3) Lab Sample ID: 460-260996-1

Matrix: Solid Lab File ID: L352271.d

Analysis Method: 8270E Date Collected: 06/28/2022 10:15

Extract. Method: 3546 Date Extracted: 06/29/2022 21:55

Sample wt/vol: 15.05(g) Date Analyzed: 06/30/2022 13:06

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.3 % Solids: 90.7 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852913 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.15	U	0.15	0.021
100-52-7	Benzaldehyde	0.36	U	0.36	0.060
56-55-3	Benzo[a]anthracene	0.036	U	0.036	0.013
50-32-8	Benzo[a]pyrene	0.036	U	0.036	0.0097
205-99-2	Benzo[b]fluoranthene	0.036	U	0.036	0.0094
191-24-2	Benzo[g,h,i]perylene	0.36	U	0.36	0.011
207-08-9	Benzo[k]fluoranthene	0.036	U	0.036	0.0071
111-91-1	Bis(2-chloroethoxy)methane	0.36	U	0.36	0.028
111-44-4	Bis(2-chloroethyl)ether	0.036	U	0.036	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019
85-68-7	Butyl benzyl phthalate	0.36	U	0.36	0.017
105-60-2	Caprolactam	0.36	U	0.36	0.057
86-74-8	Carbazole	0.36	U	0.36	0.014
218-01-9	Chrysene	0.36	U	0.36	0.0061
53-70-3	Dibenz(a,h)anthracene	0.036	U	0.036	0.016
132-64-9	Dibenzofuran	0.36	U	0.36	0.012
84-66-2	Diethyl phthalate	0.36	U	0.36	0.012
131-11-3	Dimethyl phthalate	0.36	U	0.36	0.083
84-74-2	Di-n-butyl phthalate	0.36	U	0.36	0.014
117-84-0	Di-n-octyl phthalate	0.36	U	0.36	0.019
206-44-0	Fluoranthene	0.36	U	0.36	0.013
86-73-7	Fluorene	0.36	U	0.36	0.011
118-74-1	Hexachlorobenzene	0.036	U	0.036	0.017
87-68-3	Hexachlorobutadiene	0.074	U	0.074	0.0077
77-47-4	Hexachlorocyclopentadiene	0.36	U	0.36	0.032
67-72-1	Hexachloroethane	0.036	U	0.036	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014
78-59-1	Isophorone	0.15	U	0.15	0.11
91-20-3	Naphthalene	0.36	U	0.36	0.0063
98-95-3	Nitrobenzene	0.036	U	0.036	0.020
621-64-7	N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026
86-30-6	N-Nitrosodiphenylamine	0.36	U	0.36	0.030

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

15

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-16 (1-3) | Lab Sample ID: 460-260996-1

Matrix: Solid | Lab File ID: L352271.d

Analysis Method: 8270E | Date Collected: 06/28/2022 10:15

Extract. Method: 3546 | Date Extracted: 06/29/2022 21:55

Sample wt/vol: 15.05(g) | Date Analyzed: 06/30/2022 13:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.3 % Solids: 90.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852913 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.29	U	0.29	0.075
85-01-8	Phenanthrene	0.36	U	0.36	0.0064
108-95-2	Phenol	0.36	U	0.36	0.013
129-00-0	Pyrene	0.36	U	0.36	0.0090

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	84		10-123
321-60-8	2-Fluorobiphenyl	82		22-122
367-12-4	2-Fluorophenol (Surr)	71		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	81		16-125
4165-62-2	Phenol-d5 (Surr)	79		23-120
1718-51-0	Terphenyl-d14 (Surr)	88		25-126

MM 8/10/22

15

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

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-16 (1-3) | Lab Sample ID: 460-260996-1

Matrix: Solid | Lab File ID: L352271.d

Analysis Method: 8270E | Date Collected: 06/28/2022 10:15

Extract. Method: 3546 | Date Extracted: 06/29/2022 21:55

Sample wt/vol: 15.05(g) | Date Analyzed: 06/30/2022 13:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.3 % Solids: 90.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852913 | Units: mg/Kg

Number TICs Found: 1 | TIC Result Total: 0.35

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	12.39	0.35	J	

FORM I-TIC 8270E

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

16

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-17 (1-2) Lab Sample ID: 460-260996-2

Matrix: Solid Lab File ID: L352274.d

Analysis Method: 8270E Date Collected: 06/28/2022 08:45

Extract. Method: 3546 Date Extracted: 06/29/2022 21:55

Sample wt/vol: 15.09(g) Date Analyzed: 06/30/2022 14:14

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.1 % Solids: 91.9 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852913 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.36	U	0.36	0.012
95-94-3	1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011
123-91-1	1,4-Dioxane	0.036	U	0.036	0.031
108-60-1	2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.0065
58-90-2	2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024
95-95-4	2,4,5-Trichlorophenol	0.36	U	0.36	0.036
88-06-2	2,4,6-Trichlorophenol	0.14	U	0.14	0.046
120-83-2	2,4-Dichlorophenol	0.14	U	0.14	0.023
105-67-9	2,4-Dimethylphenol	0.36	U	0.36	0.043
51-28-5	2,4-Dinitrophenol	0.29	U	0.29	0.18
121-14-2	2,4-Dinitrotoluene	0.072	U	0.072	0.039
606-20-2	2,6-Dinitrotoluene	0.072	U	0.072	0.026
91-58-7	2-Chloronaphthalene	0.36	U	0.36	0.017
95-57-8	2-Chlorophenol	0.36	U	0.36	0.013
91-57-6	2-Methylnaphthalene	0.36	U	0.36	0.010
95-48-7	2-Methylphenol	0.36	U	0.36	0.013
88-74-4	2-Nitroaniline	0.36	U	0.36	0.027
88-75-5	2-Nitrophenol	0.36	U	0.36	0.036
91-94-1	3,3'-Dichlorobenzidine	0.14	U	0.14	0.054
99-09-2	3-Nitroaniline	0.36	U	0.36	0.085
534-52-1	4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15
101-55-3	4-Bromophenyl phenyl ether	0.36	U	0.36	0.014
59-50-7	4-Chloro-3-methylphenol	0.36	U	0.36	0.020
106-47-8	4-Chloroaniline	0.36	U	0.36	0.063
7005-72-3	4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013
106-44-5	4-Methylphenol	0.36	U	0.36	0.022
100-01-6	4-Nitroaniline	0.36	U	0.36	0.041
100-02-7	4-Nitrophenol	0.72	U	0.72	0.058
83-32-9	Acenaphthene	0.011	J	0.36	0.010
208-96-8	Acenaphthylene	0.36	U	0.36	0.010
98-86-2	Acetophenone	0.36	U	0.36	0.018
120-12-7	Anthracene	0.023	J	0.36	0.011

MT 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-17 (1-2) Lab Sample ID: 460-260996-2

Matrix: Solid Lab File ID: L352274.d

Analysis Method: 8270E Date Collected: 06/28/2022 08:45

Extract. Method: 3546 Date Extracted: 06/29/2022 21:55

Sample wt/vol: 15.09(g) Date Analyzed: 06/30/2022 14:14

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.1 % Solids: 91.9 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852913 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.14	U	0.14	0.021
100-52-7	Benzaldehyde	0.36	U	0.36	0.059
56-55-3	Benzo[a]anthracene	0.083		0.036	0.012
50-32-8	Benzo[a]pyrene	0.070		0.036	0.0095
205-99-2	Benzo[b]fluoranthene	0.091		0.036	0.0093
191-24-2	Benzo[g,h,i]perylene	0.042	J	0.36	0.011
207-08-9	Benzo[k]fluoranthene	0.039		0.036	0.0070
111-91-1	Bis(2-chloroethoxy)methane	0.36	U	0.36	0.028
111-44-4	Bis(2-chloroethyl)ether	0.036	U	0.036	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019
85-68-7	Butyl benzyl phthalate	0.36	U	0.36	0.017
105-60-2	Caprolactam	0.36	U	0.36	0.056
86-74-8	Carbazole	0.36	U	0.36	0.014
218-01-9	Chrysene	0.083	J	0.36	0.0060
53-70-3	Dibenz(a,h)anthracene	0.036	U	0.036	0.015
132-64-9	Dibenzofuran	0.36	U	0.36	0.012
84-66-2	Diethyl phthalate	0.36	U	0.36	0.012
131-11-3	Dimethyl phthalate	0.36	U	0.36	0.081
84-74-2	Di-n-butyl phthalate	0.36	U	0.36	0.013
117-84-0	Di-n-octyl phthalate	0.36	U	0.36	0.019
206-44-0	Fluoranthene	0.15	J	0.36	0.012
86-73-7	Fluorene	0.36	U	0.36	0.010
118-74-1	Hexachlorobenzene	0.036	U	0.036	0.017
87-68-3	Hexachlorobutadiene	0.072	U	0.072	0.0076
77-47-4	Hexachlorocyclopentadiene	0.36	U	0.36	0.031
67-72-1	Hexachloroethane	0.036	U	0.036	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.050		0.036	0.014
78-59-1	Isophorone	0.14	U	0.14	0.10
91-20-3	Naphthalene	0.36	U	0.36	0.0062
98-95-3	Nitrobenzene	0.036	U	0.036	0.020
621-64-7	N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026
86-30-6	N-Nitrosodiphenylamine	0.36	U	0.36	0.029

MR 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

16

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-17 (1-2) Lab Sample ID: 460-260996-2

Matrix: Solid Lab File ID: L352274.d

Analysis Method: 8270E Date Collected: 06/28/2022 08:45

Extract. Method: 3546 Date Extracted: 06/29/2022 21:55

Sample wt/vol: 15.09(g) Date Analyzed: 06/30/2022 14:14

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.1 % Solids: 91.9 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852913 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.29	U	0.29	0.073
85-01-8	Phenanthrene	0.13	J	0.36	0.0063
108-95-2	Phenol	0.36	U	0.36	0.013
129-00-0	Pyrene	0.14	J	0.36	0.0089

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	91		10-123
321-60-8	2-Fluorobiphenyl	90		22-122
367-12-4	2-Fluorophenol (Surr)	80		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	89		16-125
4165-62-2	Phenol-d5 (Surr)	86		23-120
1718-51-0	Terphenyl-d14 (Surr)	97		25-126

MT 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1
SDG No.:
Client Sample ID: TRC-EB-02 | Lab Sample ID: 460-260996-3
Matrix: Water | Lab File ID: A189032.D
Analysis Method: 8270E | Date Collected: 06/28/2022 10:45
Extract. Method: 3510C | Date Extracted: 07/01/2022 07:39
Sample wt/vol: 250(mL) | Date Analyzed: 07/01/2022 21:45
Con. Extract Vol.: 2(mL) | Dilution Factor: 1
Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: % Solids: | GPC Cleanup:(Y/N) N
Cleanup Factor: | Level: (low/med) Low
Analysis Batch No.: 853237 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	1.2
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
123-91-1	1,4-Dioxane	10	U	10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
51-28-5	2,4-Dinitrophenol	20	U	20	2.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
91-58-7	2-Chloronaphthalene	10	U	10	1.2
95-57-8	2-Chlorophenol	10	U	10	0.38
91-57-6	2-Methylnaphthalene	10	U	10	0.53
95-48-7	2-Methylphenol	10	U	10	0.67
88-74-4	2-Nitroaniline	10	U	10	0.47
88-75-5	2-Nitrophenol	10	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
99-09-2	3-Nitroaniline	10	U	10	1.9
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
106-47-8	4-Chloroaniline	10	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
106-44-5	4-Methylphenol	10	U	10	0.65
100-01-6	4-Nitroaniline	10	U	10	1.2
100-02-7	4-Nitrophenol	20	U	20	4.0
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
98-86-2	Acetophenone	10	U	10	2.3
120-12-7	Anthracene	10	U	10	1.3

MM 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1
SDG No.:
Client Sample ID: TRC-EB-02 Lab Sample ID: 460-260996-3
Matrix: Water Lab File ID: A189032.D
Analysis Method: 8270E Date Collected: 06/28/2022 10:45
Extract. Method: 3510C Date Extracted: 07/01/2022 07:39
Sample wt/vol: 250(mL) Date Analyzed: 07/01/2022 21:45
Con. Extract Vol.: 2(mL) Dilution Factor: 1
Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: % Solids: GPC Cleanup:(Y/N) N
Cleanup Factor: Level: (low/med) Low
Analysis Batch No.: 853237 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	2.0	U	2.0	1.3
100-52-7	Benzaldehyde	10	U	10	2.1
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
105-60-2	Caprolactam	10	U	10	2.2
86-74-8	Carbazole	10	U	10	0.68
218-01-9	Chrysene	2.0	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
132-64-9	Dibenzofuran	10	U	10	1.1
84-66-2	Diethyl phthalate	10	U	10	0.98
131-11-3	Dimethyl phthalate	10	U	10	0.77
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89

MT 8/10/22

17

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-02 | Lab Sample ID: 460-260996-3

Matrix: Water | Lab File ID: A189032.D

Analysis Method: 8270E | Date Collected: 06/28/2022 10:45

Extract. Method: 3510C | Date Extracted: 07/01/2022 07:39

Sample wt/vol: 250(mL) | Date Analyzed: 07/01/2022 21:45

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 853237 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	20	U	20	1.4
85-01-8	Phenanthrene	10	U	10	1.3
108-95-2	Phenol	10	U	10	0.29
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	110		37-150
321-60-8	2-Fluorobiphenyl	103		46-139
367-12-4	2-Fluorophenol (Surr)	51		19-80
4165-60-0	Nitrobenzene-d5 (Surr)	105		52-137
4165-62-2	Phenol-d5 (Surr)	35		10-56
1718-51-0	Terphenyl-d14 (Surr)	106		22-150

MT 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1
SDG No.:
Client Sample ID: TRC-SB-06-W (1-4) Lab Sample ID: 460-260996-4
Matrix: Solid Lab File ID: L352273.d
Analysis Method: 8270E Date Collected: 06/28/2022 11:50
Extract. Method: 3546 Date Extracted: 06/29/2022 21:55
Sample wt/vol: 15.08(g) Date Analyzed: 06/30/2022 13:51
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: 9.1 % Solids: 90.9 GPC Cleanup:(Y/N) N
Cleanup Factor: Level: (low/med) Low
Analysis Batch No.: 852913 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.36	U	0.36	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011
123-91-1	1,4-Dioxane	0.036	U	0.036	0.032
108-60-1	2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.0065
58-90-2	2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025
95-95-4	2,4,5-Trichlorophenol	0.36	U	0.36	0.037
88-06-2	2,4,6-Trichlorophenol	0.15	U	0.15	0.046
120-83-2	2,4-Dichlorophenol	0.15	U	0.15	0.023
105-67-9	2,4-Dimethylphenol	0.36	U	0.36	0.043
51-28-5	2,4-Dinitrophenol	0.29	U	0.29	0.18
121-14-2	2,4-Dinitrotoluene	0.073	U	0.073	0.039
606-20-2	2,6-Dinitrotoluene	0.073	U	0.073	0.026
91-58-7	2-Chloronaphthalene	0.36	U	0.36	0.017
95-57-8	2-Chlorophenol	0.36	U	0.36	0.013
91-57-6	2-Methylnaphthalene	0.36	U	0.36	0.010
95-48-7	2-Methylphenol	0.36	U	0.36	0.014
88-74-4	2-Nitroaniline	0.36	U	0.36	0.028
88-75-5	2-Nitrophenol	0.36	U	0.36	0.036
91-94-1	3,3'-Dichlorobenzidine	0.15	U	0.15	0.055
99-09-2	3-Nitroaniline	0.36	U	0.36	0.086
534-52-1	4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15
101-55-3	4-Bromophenyl phenyl ether	0.36	U	0.36	0.014
59-50-7	4-Chloro-3-methylphenol	0.36	U	0.36	0.020
106-47-8	4-Chloroaniline	0.36	U	0.36	0.064
7005-72-3	4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013
106-44-5	4-Methylphenol	0.36	U	0.36	0.023
100-01-6	4-Nitroaniline	0.36	U	0.36	0.042
100-02-7	4-Nitrophenol	0.73	U	0.73	0.059
83-32-9	Acenaphthene	0.36	U	0.36	0.010
208-96-8	Acenaphthylene	0.36	U	0.36	0.010
98-86-2	Acetophenone	0.36	U	0.36	0.018
120-12-7	Anthracene	0.36	U	0.36	0.011

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

18

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-W (1-4) | Lab Sample ID: 460-260996-4

Matrix: Solid | Lab File ID: L352273.d

Analysis Method: 8270E | Date Collected: 06/28/2022 11:50

Extract. Method: 3546 | Date Extracted: 06/29/2022 21:55

Sample wt/vol: 15.08(g) | Date Analyzed: 06/30/2022 13:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.1 % Solids: 90.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852913 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.15	U	0.15	0.021
100-52-7	Benzaldehyde	0.36	U	0.36	0.060
56-55-3	Benzo[a]anthracene	0.071		0.036	0.013
50-32-8	Benzo[a]pyrene	0.093		0.036	0.0096
205-99-2	Benzo[b]fluoranthene	0.13		0.036	0.0094
191-24-2	Benzo[g,h,i]perylene	0.078	J	0.36	0.011
207-08-9	Benzo[k]fluoranthene	0.045		0.036	0.0071
111-91-1	Bis(2-chloroethoxy)methane	0.36	U	0.36	0.028
111-44-4	Bis(2-chloroethyl)ether	0.036	U	0.036	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019
85-68-7	Butyl benzyl phthalate	0.36	U	0.36	0.017
105-60-2	Caprolactam	0.36	U	0.36	0.056
86-74-8	Carbazole	0.36	U	0.36	0.014
218-01-9	Chrysene	0.087	J	0.36	0.0061
53-70-3	Dibenz(a,h)anthracene	0.019	J	0.036	0.016
132-64-9	Dibenzofuran	0.36	U	0.36	0.012
84-66-2	Diethyl phthalate	0.36	U	0.36	0.012
131-11-3	Dimethyl phthalate	0.36	U	0.36	0.082
84-74-2	Di-n-butyl phthalate	0.36	U	0.36	0.014
117-84-0	Di-n-octyl phthalate	0.36	U	0.36	0.019
206-44-0	Fluoranthene	0.10	J	0.36	0.013
86-73-7	Fluorene	0.36	U	0.36	0.011
118-74-1	Hexachlorobenzene	0.036	U	0.036	0.017
87-68-3	Hexachlorobutadiene	0.073	U	0.073	0.0077
77-47-4	Hexachlorocyclopentadiene	0.36	U	0.36	0.032
67-72-1	Hexachloroethane	0.036	U	0.036	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.086		0.036	0.014
78-59-1	Isophorone	0.15	U	0.15	0.10
91-20-3	Naphthalene	0.0079	J	0.36	0.0063
98-95-3	Nitrobenzene	0.036	U	0.036	0.020
621-64-7	N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026
86-30-6	N-Nitrosodiphenylamine	0.36	U	0.36	0.030

MM 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

18

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-W (1-4) Lab Sample ID: 460-260996-4

Matrix: Solid Lab File ID: L352273.d

Analysis Method: 8270E Date Collected: 06/28/2022 11:50

Extract. Method: 3546 Date Extracted: 06/29/2022 21:55

Sample wt/vol: 15.08(g) Date Analyzed: 06/30/2022 13:51

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.1 % Solids: 90.9 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852913 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.29	U	0.29	0.074
85-01-8	Phenanthrene	0.031	J	0.36	0.0064
108-95-2	Phenol	0.36	U	0.36	0.013
129-00-0	Pyrene	0.11	J	0.36	0.0090

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	82		10-123
321-60-8	2-Fluorobiphenyl	78		22-122
367-12-4	2-Fluorophenol (Surr)	64		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	74		16-125
4165-62-2	Phenol-d5 (Surr)	72		23-120
1718-51-0	Terphenyl-d14 (Surr)	86		25-126

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-W (20-22) | Lab Sample ID: 460-260996-5

Matrix: Solid | Lab File ID: L352272.d

Analysis Method: 8270E | Date Collected: 06/28/2022 12:00

Extract. Method: 3546 | Date Extracted: 06/29/2022 21:55

Sample wt/vol: 15.02(g) | Date Analyzed: 06/30/2022 13:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 16.9 % Solids: 83.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852913 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.40	U	0.40	0.014
95-94-3	1,2,4,5-Tetrachlorobenzene	0.40	U	0.40	0.012
123-91-1	1,4-Dioxane	0.040	U	0.040	0.035
108-60-1	2,2'-oxybis[1-chloropropane]	0.40	U	0.40	0.0072
58-90-2	2,3,4,6-Tetrachlorophenol	0.40	U	0.40	0.027
95-95-4	2,4,5-Trichlorophenol	0.40	U	0.40	0.041
88-06-2	2,4,6-Trichlorophenol	0.16	U	0.16	0.051
120-83-2	2,4-Dichlorophenol	0.16	U	0.16	0.026
105-67-9	2,4-Dimethylphenol	0.40	U	0.40	0.047
51-28-5	2,4-Dinitrophenol	0.32	U	0.32	0.20
121-14-2	2,4-Dinitrotoluene	0.081	U	0.081	0.043
606-20-2	2,6-Dinitrotoluene	0.081	U	0.081	0.029
91-58-7	2-Chloronaphthalene	0.40	U	0.40	0.018
95-57-8	2-Chlorophenol	0.40	U	0.40	0.014
91-57-6	2-Methylnaphthalene	0.40	U	0.40	0.011
95-48-7	2-Methylphenol	0.40	U	0.40	0.015
88-74-4	2-Nitroaniline	0.40	U	0.40	0.030
88-75-5	2-Nitrophenol	0.40	U	0.40	0.040
91-94-1	3,3'-Dichlorobenzidine	0.16	U	0.16	0.060
99-09-2	3-Nitroaniline	0.40	U	0.40	0.094
534-52-1	4,6-Dinitro-2-methylphenol	0.32	U	0.32	0.16
101-55-3	4-Bromophenyl phenyl ether	0.40	U	0.40	0.016
59-50-7	4-Chloro-3-methylphenol	0.40	U	0.40	0.022
106-47-8	4-Chloroaniline	0.40	U	0.40	0.071
7005-72-3	4-Chlorophenyl phenyl ether	0.40	U	0.40	0.014
106-44-5	4-Methylphenol	0.40	U	0.40	0.025
100-01-6	4-Nitroaniline	0.40	U	0.40	0.046
100-02-7	4-Nitrophenol	0.81	U	0.81	0.065
83-32-9	Acenaphthene	0.40	U	0.40	0.011
208-96-8	Acenaphthylene	0.40	U	0.40	0.011
98-86-2	Acetophenone	0.40	U	0.40	0.020
120-12-7	Anthracene	0.40	U	0.40	0.012

MM 8/11/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

19

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-W (20-22) Lab Sample ID: 460-260996-5

Matrix: Solid Lab File ID: L352272.d

Analysis Method: 8270E Date Collected: 06/28/2022 12:00

Extract. Method: 3546 Date Extracted: 06/29/2022 21:55

Sample wt/vol: 15.02(g) Date Analyzed: 06/30/2022 13:28

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 16.9 % Solids: 83.1 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852913 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.16	U	0.16	0.023
100-52-7	Benzaldehyde	0.40	U	0.40	0.066
56-55-3	Benzo[a]anthracene	0.040	U	0.040	0.014
50-32-8	Benzo[a]pyrene	0.040	U	0.040	0.011
205-99-2	Benzo[b]fluoranthene	0.040	U	0.040	0.010
191-24-2	Benzo[g,h,i]perylene	0.40	U	0.40	0.012
207-08-9	Benzo[k]fluoranthene	0.040	U	0.040	0.0078
111-91-1	Bis(2-chloroethoxy)methane	0.40	U	0.40	0.031
111-44-4	Bis(2-chloroethyl)ether	0.040	U	0.040	0.014
117-81-7	Bis(2-ethylhexyl) phthalate	0.40	U	0.40	0.021
85-68-7	Butyl benzyl phthalate	0.40	U	0.40	0.019
105-60-2	Caprolactam	0.40	U	0.40	0.062
86-74-8	Carbazole	0.40	U	0.40	0.015
218-01-9	Chrysene	0.40	U	0.40	0.0067
53-70-3	Dibenz(a,h)anthracene	0.040	U	0.040	0.017
132-64-9	Dibenzofuran	0.40	U	0.40	0.013
84-66-2	Diethyl phthalate	0.40	U	0.40	0.013
131-11-3	Dimethyl phthalate	0.40	U	0.40	0.090
84-74-2	Di-n-butyl phthalate	0.40	U	0.40	0.015
117-84-0	Di-n-octyl phthalate	0.40	U	0.40	0.021
206-44-0	Fluoranthene	0.40	U	0.40	0.014
86-73-7	Fluorene	0.40	U	0.40	0.012
118-74-1	Hexachlorobenzene	0.040	U	0.040	0.019
87-68-3	Hexachlorobutadiene	0.081	U	0.081	0.0085
77-47-4	Hexachlorocyclopentadiene	0.40	U	0.40	0.035
67-72-1	Hexachloroethane	0.040	U	0.040	0.014
193-39-5	Indeno[1,2,3-cd]pyrene	0.040	U	0.040	0.016
78-59-1	Isophorone	0.16	U	0.16	0.11
91-20-3	Naphthalene	0.40	U	0.40	0.0069
98-95-3	Nitrobenzene	0.040	U	0.040	0.022
621-64-7	N-Nitrosodi-n-propylamine	0.040	U	0.040	0.029
86-30-6	N-Nitrosodiphenylamine	0.40	U	0.40	0.033

MK 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1
SDG No.:
Client Sample ID: TRC-SB-06-W (20-22) | Lab Sample ID: 460-260996-5
Matrix: Solid | Lab File ID: L352272.d
Analysis Method: 8270E | Date Collected: 06/28/2022 12:00
Extract. Method: 3546 | Date Extracted: 06/29/2022 21:55
Sample wt/vol: 15.02(g) | Date Analyzed: 06/30/2022 13:28
Con. Extract Vol.: 1(mL) | Dilution Factor: 1
Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: 16.9 % Solids: 83.1 | GPC Cleanup:(Y/N) N
Cleanup Factor: | Level: (low/med) Low
Analysis Batch No.: 852913 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.32	U	0.32	0.081
85-01-8	Phenanthrene	0.40	U	0.40	0.0070
108-95-2	Phenol	0.40	U	0.40	0.015
129-00-0	Pyrene	0.40	U	0.40	0.0099

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	97		10-123
321-60-8	2-Fluorobiphenyl	93		22-122
367-12-4	2-Fluorophenol (Surr)	80		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	95		16-125
4165-62-2	Phenol-d5 (Surr)	91		23-120
1718-51-0	Terphenyl-d14 (Surr)	103		25-126

MM 8/11/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

20

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-E (1-3) Lab Sample ID: 460-260996-6

Matrix: Solid Lab File ID: L352275.d

Analysis Method: 8270E Date Collected: 06/28/2022 13:40

Extract. Method: 3546 Date Extracted: 06/29/2022 21:55

Sample wt/vol: 15.06(g) Date Analyzed: 06/30/2022 14:36

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 6.5 % Solids: 93.5 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852913 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.35	U	0.35	0.012
95-94-3	1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011
123-91-1	1,4-Dioxane	0.035	U	0.035	0.031
108-60-1	2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.0064
58-90-2	2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024
95-95-4	2,4,5-Trichlorophenol	0.35	U	0.35	0.036
88-06-2	2,4,6-Trichlorophenol	0.14	U	0.14	0.045
120-83-2	2,4-Dichlorophenol	0.14	U	0.14	0.023
105-67-9	2,4-Dimethylphenol	0.35	U	0.35	0.042
51-28-5	2,4-Dinitrophenol	0.28	U	0.28	0.17
121-14-2	2,4-Dinitrotoluene	0.071	U	0.071	0.038
606-20-2	2,6-Dinitrotoluene	0.071	U	0.071	0.025
91-58-7	2-Chloronaphthalene	0.35	U	0.35	0.016
95-57-8	2-Chlorophenol	0.35	U	0.35	0.013
91-57-6	2-Methylnaphthalene	0.35	U	0.35	0.0099
95-48-7	2-Methylphenol	0.35	U	0.35	0.013
88-74-4	2-Nitroaniline	0.35	U	0.35	0.027
88-75-5	2-Nitrophenol	0.35	U	0.35	0.035
91-94-1	3,3'-Dichlorobenzidine	0.14	U	0.14	0.053
99-09-2	3-Nitroaniline	0.35	U	0.35	0.084
534-52-1	4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14
101-55-3	4-Bromophenyl phenyl ether	0.35	U	0.35	0.014
59-50-7	4-Chloro-3-methylphenol	0.35	U	0.35	0.020
106-47-8	4-Chloroaniline	0.35	U	0.35	0.063
7005-72-3	4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012
106-44-5	4-Methylphenol	0.35	U	0.35	0.022
100-01-6	4-Nitroaniline	0.35	U	0.35	0.040
100-02-7	4-Nitrophenol	0.71	U	0.71	0.057
83-32-9	Acenaphthene	0.35	U	0.35	0.010
208-96-8	Acenaphthylene	0.35	U	0.35	0.010
98-86-2	Acetophenone	0.35	U	0.35	0.017
120-12-7	Anthracene	0.35	U	0.35	0.011

MF 8/4/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

20

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-E (1-3) Lab Sample ID: 460-260996-6

Matrix: Solid Lab File ID: L352275.d

Analysis Method: 8270E Date Collected: 06/28/2022 13:40

Extract. Method: 3546 Date Extracted: 06/29/2022 21:55

Sample wt/vol: 15.06(g) Date Analyzed: 06/30/2022 14:36

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 6.5 % Solids: 93.5 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 852913 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.14	U	0.14	0.021
100-52-7	Benzaldehyde	0.35	U	0.35	0.058
56-55-3	Benzo[a]anthracene	0.035	U	0.035	0.012
50-32-8	Benzo[a]pyrene	0.035	U	0.035	0.0094
205-99-2	Benzo[b]fluoranthene	0.035	U	0.035	0.0091
191-24-2	Benzo[g,h,i]perylene	0.014	J	0.35	0.010
207-08-9	Benzo[k]fluoranthene	0.035	U	0.035	0.0069
111-91-1	Bis(2-chloroethoxy)methane	0.35	U	0.35	0.027
111-44-4	Bis(2-chloroethyl)ether	0.035	U	0.035	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019
85-68-7	Butyl benzyl phthalate	0.35	U	0.35	0.017
105-60-2	Caprolactam	0.35	U	0.35	0.055
86-74-8	Carbazole	0.35	U	0.35	0.013
218-01-9	Chrysene	0.35	U	0.35	0.0060
53-70-3	Dibenz(a,h)anthracene	0.035	U	0.035	0.015
132-64-9	Dibenzofuran	0.35	U	0.35	0.012
84-66-2	Diethyl phthalate	0.35	U	0.35	0.011
131-11-3	Dimethyl phthalate	0.35	U	0.35	0.080
84-74-2	Di-n-butyl phthalate	0.35	U	0.35	0.013
117-84-0	Di-n-octyl phthalate	0.35	U	0.35	0.019
206-44-0	Fluoranthene	0.017	J	0.35	0.012
86-73-7	Fluorene	0.35	U	0.35	0.010
118-74-1	Hexachlorobenzene	0.035	U	0.035	0.017
87-68-3	Hexachlorobutadiene	0.071	U	0.071	0.0075
77-47-4	Hexachlorocyclopentadiene	0.35	U	0.35	0.031
67-72-1	Hexachloroethane	0.035	U	0.035	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014
78-59-1	Isophorone	0.14	U	0.14	0.10
91-20-3	Naphthalene	0.35	U	0.35	0.0061
98-95-3	Nitrobenzene	0.035	U	0.035	0.020
621-64-7	N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026
86-30-6	N-Nitrosodiphenylamine	0.35	U	0.35	0.029

MT 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

20

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-E (1-3) | Lab Sample ID: 460-260996-6

Matrix: Solid | Lab File ID: L352275.d

Analysis Method: 8270E | Date Collected: 06/28/2022 13:40

Extract. Method: 3546 | Date Extracted: 06/29/2022 21:55

Sample wt/vol: 15.06(g) | Date Analyzed: 06/30/2022 14:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 6.5 % Solids: 93.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852913 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.28	U	0.28	0.072
85-01-8	Phenanthrene	0.017	J	0.35	0.0062
108-95-2	Phenol	0.35	U	0.35	0.013
129-00-0	Pyrene	0.013	J	0.35	0.0088

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	115		10-123
321-60-8	2-Fluorobiphenyl	105		22-122
367-12-4	2-Fluorophenol (Surr)	89		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	100		16-125
4165-62-2	Phenol-d5 (Surr)	101		23-120
1718-51-0	Terphenyl-d14 (Surr)	114		25-126

MT 8/1/22

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

20

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-E (1-3) | Lab Sample ID: 460-260996-6

Matrix: Solid | Lab File ID: L352275.d

Analysis Method: 8270E | Date Collected: 06/28/2022 13:40

Extract. Method: 3546 | Date Extracted: 06/29/2022 21:55

Sample wt/vol: 15.06(g) | Date Analyzed: 06/30/2022 14:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 6.5 % Solids: 93.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 852913 | Units: mg/Kg

Number TICs Found: 2 | TIC Result Total: 0.87

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	13.93	0.41	J	
	Unknown	14.73	0.46	J	

FORM I-TIC 8270E

MT 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

21

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-14 (1-4) Lab Sample ID: 460-261082-1

Matrix: Solid Lab File ID: f463675.D

Analysis Method: 8270E Date Collected: 06/29/2022 10:37

Extract. Method: 3546 Date Extracted: 06/30/2022 17:56

Sample wt/vol: 15.00(g) Date Analyzed: 07/01/2022 15:21

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 14.4 % Solids: 85.6 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 853112 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.013	J	0.39	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.39	U	0.39	0.012
123-91-1	1,4-Dioxane	0.039	U	0.039	0.034
108-60-1	2,2'-oxybis[1-chloropropane]	0.39	U	0.39	0.0070
58-90-2	2,3,4,6-Tetrachlorophenol	0.39	U	0.39	0.026
95-95-4	2,4,5-Trichlorophenol	0.39	U	0.39	0.039
88-06-2	2,4,6-Trichlorophenol	0.16	U	0.16	0.050
120-83-2	2,4-Dichlorophenol	0.16	U	0.16	0.025
105-67-9	2,4-Dimethylphenol	0.39	U	0.39	0.046
51-28-5	2,4-Dinitrophenol	0.31	U	0.31	0.19
121-14-2	2,4-Dinitrotoluene	0.078	U UJ	0.078	0.042
606-20-2	2,6-Dinitrotoluene	0.078	U	0.078	0.028
91-58-7	2-Chloronaphthalene	0.39	U	0.39	0.018
95-57-8	2-Chlorophenol	0.39	U	0.39	0.014
91-57-6	2-Methylnaphthalene	0.041	J	0.39	0.011
95-48-7	2-Methylphenol	0.39	U	0.39	0.014
88-74-4	2-Nitroaniline	0.39	U	0.39	0.029
88-75-5	2-Nitrophenol	0.39	U	0.39	0.039
91-94-1	3,3'-Dichlorobenzidine	0.16	U	0.16	0.058
99-09-2	3-Nitroaniline	0.39	U	0.39	0.092
534-52-1	4,6-Dinitro-2-methylphenol	0.31	U	0.31	0.16
101-55-3	4-Bromophenyl phenyl ether	0.39	U	0.39	0.015
59-50-7	4-Chloro-3-methylphenol	0.39	U	0.39	0.022
106-47-8	4-Chloroaniline	0.39	U	0.39	0.069
7005-72-3	4-Chlorophenyl phenyl ether	0.39	U	0.39	0.014
106-44-5	4-Methylphenol	0.39	U	0.39	0.024
100-01-6	4-Nitroaniline	0.39	U	0.39	0.044
100-02-7	4-Nitrophenol	0.78	U	0.78	0.063
83-32-9	Acenaphthene	0.17	J	0.39	0.011
208-96-8	Acenaphthylene	0.13	J	0.39	0.011
98-86-2	Acetophenone	0.39	U	0.39	0.019
120-12-7	Anthracene	0.41		0.39	0.012

MT 8/11/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

21

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-14 (1-4) Lab Sample ID: 460-261082-1

Matrix: Solid Lab File ID: f463675.D

Analysis Method: 8270E Date Collected: 06/29/2022 10:37

Extract. Method: 3546 Date Extracted: 06/30/2022 17:56

Sample wt/vol: 15.00(g) Date Analyzed: 07/01/2022 15:21

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 14.4 % Solids: 85.6 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 853112 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.16	U	0.16	0.023
100-52-7	Benzaldehyde	0.39	U	0.39	0.064
56-55-3	Benzo[a]anthracene	1.8		0.039	0.013
50-32-8	Benzo[a]pyrene	1.7		0.039	0.010
205-99-2	Benzo[b]fluoranthene	2.7		0.039	0.010
191-24-2	Benzo[g,h,i]perylene	1.2		0.39	0.011
207-08-9	Benzo[k]fluoranthene	1.0		0.039	0.0076
111-91-1	Bis(2-chloroethoxy)methane	0.39	U	0.39	0.030
111-44-4	Bis(2-chloroethyl)ether	0.039	U	0.039	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.39	U	0.39	0.020
85-68-7	Butyl benzyl phthalate	0.39	U	0.39	0.018
105-60-2	Caprolactam	0.39	U	0.39	0.060
86-74-8	Carbazole	0.28	J	0.39	0.015
218-01-9	Chrysene	2.0		0.39	0.0065
53-70-3	Dibenz(a,h)anthracene	0.24		0.039	0.017
132-64-9	Dibenzofuran	0.10	J	0.39	0.013
84-66-2	Diethyl phthalate	0.39	U	0.39	0.012
131-11-3	Dimethyl phthalate	0.39	U	0.39	0.088
84-74-2	Di-n-butyl phthalate	0.016	J	0.39	0.015
117-84-0	Di-n-octyl phthalate	0.39	U	0.39	0.020
206-44-0	Fluoranthene	4.2		0.39	0.013
86-73-7	Fluorene	0.16	J	0.39	0.011
118-74-1	Hexachlorobenzene	0.039	U	0.039	0.018
87-68-3	Hexachlorobutadiene	0.078	U	0.078	0.0082
77-47-4	Hexachlorocyclopentadiene	0.39	U	0.39	0.034
67-72-1	Hexachloroethane	0.039	U	0.039	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	1.7		0.039	0.015
78-59-1	Isophorone	0.16	U	0.16	0.11
91-20-3	Naphthalene	0.10	J	0.39	0.0067
98-95-3	Nitrobenzene	0.039	U	0.039	0.021
621-64-7	N-Nitrosodi-n-propylamine	0.039	U	0.039	0.028
86-30-6	N-Nitrosodiphenylamine	0.39	U	0.39	0.032

MT 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

21

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-14 (1-4) Lab Sample ID: 460-261082-1

Matrix: Solid Lab File ID: f463675.D

Analysis Method: 8270E Date Collected: 06/29/2022 10:37

Extract. Method: 3546 Date Extracted: 06/30/2022 17:56

Sample wt/vol: 15.00(g) Date Analyzed: 07/01/2022 15:21

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 14.4 % Solids: 85.6 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 853112 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.31	U	0.31	0.079
85-01-8	Phenanthrene	2.3		0.39	0.0068
108-95-2	Phenol	0.39	U	0.39	0.014
129-00-0	Pyrene	3.3		0.39	0.0096

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	93		10-123
321-60-8	2-Fluorobiphenyl	79		22-122
367-12-4	2-Fluorophenol (Surr)	58		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	59		16-125
4165-62-2	Phenol-d5 (Surr)	67		23-120
1718-51-0	Terphenyl-d14 (Surr)	95		25-126

MT 8/10/22

21

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

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-14 (1-4) | Lab Sample ID: 460-261082-1

Matrix: Solid | Lab File ID: f463675.D

Analysis Method: 8270E | Date Collected: 06/29/2022 10:37

Extract. Method: 3546 | Date Extracted: 06/30/2022 17:56

Sample wt/vol: 15.00(g) | Date Analyzed: 07/01/2022 15:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 14.4 % Solids: 85.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 853112 | Units: mg/Kg

Number TICs Found: 10 | TIC Result Total: 4.26

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.24	0.59	J	
2531-84-2	Phenanthrene, 2-methyl-	7.16	0.49	J N NJ	98%
84-65-1	9,10-Anthracenedione	7.38	0.32	J N	97%
479-79-8	11H-Benzo[a]fluoren-11-one	8.50	0.32	J N	94%
477-75-8	9,10[1',2']-Benzenoanthracene, 9,10-dihydro-	9.69	0.32	J N	90%
205-82-3	Benzo[j]fluoranthene	9.94	0.46	J N	83%
198-55-0	Perylene	10.26	0.42	J N	96%
	Unknown	11.18	0.39	J J	
191-26-4	Dibenzo[def,mno]chrysene	11.26	0.57	J N NJ	89%
5385-75-1	Dibenz(a,e)aceanthrylene	13.12	0.38	J N NJ	97%

FORM I-TIC 8270E

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1
SDG No.:
Client Sample ID: TRC-SB-14 (12-15) | Lab Sample ID: 460-261082-2
Matrix: Solid | Lab File ID: f463655.D
Analysis Method: 8270E | Date Collected: 06/29/2022 11:35
Extract. Method: 3546 | Date Extracted: 06/30/2022 17:56
Sample wt/vol: 15.00(g) | Date Analyzed: 07/01/2022 09:36
Con. Extract Vol.: 1(mL) | Dilution Factor: 1
Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: 8.0 % Solids: 92.0 | GPC Cleanup:(Y/N) N
Cleanup Factor: | Level: (low/med) Low
Analysis Batch No.: 853112 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.36	U	0.36	0.012
95-94-3	1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011
123-91-1	1,4-Dioxane	0.036	U	0.036	0.031
108-60-1	2,2'-oxybis[1-chloropropane]	0.36	U UJ	0.36	0.0065
58-90-2	2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024
95-95-4	2,4,5-Trichlorophenol	0.36	U	0.36	0.037
88-06-2	2,4,6-Trichlorophenol	0.14	U	0.14	0.046
120-83-2	2,4-Dichlorophenol	0.14	U	0.14	0.023
105-67-9	2,4-Dimethylphenol	0.36	U	0.36	0.043
51-28-5	2,4-Dinitrophenol	0.29	U	0.29	0.18
121-14-2	2,4-Dinitrotoluene	0.073	U UJ	0.073	0.039
606-20-2	2,6-Dinitrotoluene	0.073	U	0.073	0.026
91-58-7	2-Chloronaphthalene	0.36	U	0.36	0.017
95-57-8	2-Chlorophenol	0.36	U UJ	0.36	0.013
91-57-6	2-Methylnaphthalene	0.36	U UJ	0.36	0.010
95-48-7	2-Methylphenol	0.36	U	0.36	0.013
88-74-4	2-Nitroaniline	0.36	U	0.36	0.027
88-75-5	2-Nitrophenol	0.36	U UJ	0.36	0.036
91-94-1	3,3'-Dichlorobenzidine	0.14	U	0.14	0.054
99-09-2	3-Nitroaniline	0.36	U	0.36	0.085
534-52-1	4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15
101-55-3	4-Bromophenyl phenyl ether	0.36	U	0.36	0.014
59-50-7	4-Chloro-3-methylphenol	0.36	U	0.36	0.020
106-47-8	4-Chloroaniline	0.36	U	0.36	0.064
7005-72-3	4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013
106-44-5	4-Methylphenol	0.36	U	0.36	0.022
100-01-6	4-Nitroaniline	0.36	U	0.36	0.041
100-02-7	4-Nitrophenol	0.73	U	0.73	0.059
83-32-9	Acenaphthene	0.36	U	0.36	0.010
208-96-8	Acenaphthylene	0.36	U	0.36	0.010
98-86-2	Acetophenone	0.36	U	0.36	0.018
120-12-7	Anthracene	0.36	U	0.36	0.011

MT 8/4/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

22

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-14 (12-15) Lab Sample ID: 460-261082-2

Matrix: Solid Lab File ID: f463655.D

Analysis Method: 8270E Date Collected: 06/29/2022 11:35

Extract. Method: 3546 Date Extracted: 06/30/2022 17:56

Sample wt/vol: 15.00(g) Date Analyzed: 07/01/2022 09:36

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.0 % Solids: 92.0 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 853112 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.14	U	0.14	0.021
100-52-7	Benzaldehyde	0.36	U	0.36	0.059
56-55-3	Benzo[a]anthracene	0.036	U	0.036	0.013
50-32-8	Benzo[a]pyrene	0.036	U	0.036	0.0096
205-99-2	Benzo[b]fluoranthene	0.036	U	0.036	0.0093
191-24-2	Benzo[g,h,i]perylene	0.36	U	0.36	0.011
207-08-9	Benzo[k]fluoranthene	0.036	U	0.036	0.0070
111-91-1	Bis(2-chloroethoxy)methane	0.36	U	0.36	0.028
111-44-4	Bis(2-chloroethyl)ether	0.036	~~U~~ UJ	0.036	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019
85-68-7	Butyl benzyl phthalate	0.36	U	0.36	0.017
105-60-2	Caprolactam	0.36	U	0.36	0.056
86-74-8	Carbazole	0.36	U	0.36	0.014
218-01-9	Chrysene	0.0087	J	0.36	0.0061
53-70-3	Dibenz(a,h)anthracene	0.036	U	0.036	0.016
132-64-9	Dibenzofuran	0.36	U	0.36	0.012
84-66-2	Diethyl phthalate	0.36	U	0.36	0.012
131-11-3	Dimethyl phthalate	0.36	U	0.36	0.082
84-74-2	Di-n-butyl phthalate	0.36	U	0.36	0.014
117-84-0	Di-n-octyl phthalate	0.36	U	0.36	0.019
206-44-0	Fluoranthene	0.36	U	0.36	0.013
86-73-7	Fluorene	0.36	U	0.36	0.011
118-74-1	Hexachlorobenzene	0.036	U	0.036	0.017
87-68-3	Hexachlorobutadiene	0.073	~~U~~ UJ	0.073	0.0076
77-47-4	Hexachlorocyclopentadiene	0.36	~~U~~	0.36	0.032
67-72-1	Hexachloroethane	0.036	~~U~~	0.036	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014
78-59-1	Isophorone	0.14	U	0.14	0.10
91-20-3	Naphthalene	0.36	~~U~~ UJ	0.36	0.0062
98-95-3	Nitrobenzene	0.036	~~U~~ UJ	0.036	0.020
621-64-7	N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026
86-30-6	N-Nitrosodiphenylamine	0.36	U	0.36	0.030

MT 8/4/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1
SDG No.:
Client Sample ID: TRC-SB-14 (12-15) | Lab Sample ID: 460-261082-2
Matrix: Solid | Lab File ID: f463655.D
Analysis Method: 8270E | Date Collected: 06/29/2022 11:35
Extract. Method: 3546 | Date Extracted: 06/30/2022 17:56
Sample wt/vol: 15.00(g) | Date Analyzed: 07/01/2022 09:36
Con. Extract Vol.: 1(mL) | Dilution Factor: 1
Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: 8.0 % Solids: 92.0 | GPC Cleanup:(Y/N) N
Cleanup Factor: | Level: (low/med) Low
Analysis Batch No.: 853112 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.29	U	0.29	0.074
85-01-8	Phenanthrene	0.36	U	0.36	0.0063
108-95-2	Phenol	0.36	U	0.36	0.013
129-00-0	Pyrene	0.36	U	0.36	0.0089

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	70		10-123
321-60-8	2-Fluorobiphenyl	60		22-122
367-12-4	2-Fluorophenol (Surr)	55		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	56		16-125
4165-62-2	Phenol-d5 (Surr)	56		23-120
1718-51-0	Terphenyl-d14 (Surr)	72		25-126

MT 8/1/22

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

22

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-14 (12-15) Lab Sample ID: 460-261082-2

Matrix: Solid Lab File ID: f463655.D

Analysis Method: 8270E Date Collected: 06/29/2022 11:35

Extract. Method: 3546 Date Extracted: 06/30/2022 17:56

Sample wt/vol: 15.00(g) Date Analyzed: 07/01/2022 09:36

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.0 % Solids: 92.0 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 853112 Units: mg/Kg

Number TICs Found: 1 TIC Result Total: 0.36

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.24	0.36	A J	

FORM I-TIC 8270E

MT 8/4/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

23

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-DUP-02 | Lab Sample ID: 460-261082-3

Matrix: Solid | Lab File ID: f463673.D

Analysis Method: 8270E | Date Collected: 06/29/2022 11:40

Extract. Method: 3546 | Date Extracted: 06/30/2022 17:56

Sample wt/vol: 15.00(g) | Date Analyzed: 07/01/2022 14:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 5.5 % Solids: 94.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 853112 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.35	U	0.35	0.012
95-94-3	1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011
123-91-1	1,4-Dioxane	0.035	U	0.035	0.031
108-60-1	2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.0063
58-90-2	2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024
95-95-4	2,4,5-Trichlorophenol	0.35	U	0.35	0.036
88-06-2	2,4,6-Trichlorophenol	0.14	U	0.14	0.045
120-83-2	2,4-Dichlorophenol	0.14	U	0.14	0.022
105-67-9	2,4-Dimethylphenol	0.35	U	0.35	0.042
51-28-5	2,4-Dinitrophenol	0.28	U	0.28	0.17
121-14-2	2,4-Dinitrotoluene	0.071	~~U~~ UJ	0.071	0.038
606-20-2	2,6-Dinitrotoluene	0.071	U	0.071	0.025
91-58-7	2-Chloronaphthalene	0.35	U	0.35	0.016
95-57-8	2-Chlorophenol	0.35	U	0.35	0.012
91-57-6	2-Methylnaphthalene	0.35	U	0.35	0.0098
95-48-7	2-Methylphenol	0.35	U	0.35	0.013
88-74-4	2-Nitroaniline	0.35	U	0.35	0.027
88-75-5	2-Nitrophenol	0.35	U	0.35	0.035
91-94-1	3,3'-Dichlorobenzidine	0.14	U	0.14	0.053
99-09-2	3-Nitroaniline	0.35	U	0.35	0.083
534-52-1	4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14
101-55-3	4-Bromophenyl phenyl ether	0.35	U	0.35	0.014
59-50-7	4-Chloro-3-methylphenol	0.35	U	0.35	0.020
106-47-8	4-Chloroaniline	0.35	U	0.35	0.062
7005-72-3	4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012
106-44-5	4-Methylphenol	0.35	U	0.35	0.022
100-01-6	4-Nitroaniline	0.35	U	0.35	0.040
100-02-7	4-Nitrophenol	0.71	U	0.71	0.057
83-32-9	Acenaphthene	0.35	U	0.35	0.010
208-96-8	Acenaphthylene	0.35	U	0.35	0.010
98-86-2	Acetophenone	0.35	U	0.35	0.017
120-12-7	Anthracene	0.35	U	0.35	0.011

MM 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

23

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-DUP-02 | Lab Sample ID: 460-261082-3

Matrix: Solid | Lab File ID: f463673.D

Analysis Method: 8270E | Date Collected: 06/29/2022 11:40

Extract. Method: 3546 | Date Extracted: 06/30/2022 17:56

Sample wt/vol: 15.00(g) | Date Analyzed: 07/01/2022 14:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 5.5 % Solids: 94.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 853112 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.14	U	0.14	0.021
100-52-7	Benzaldehyde	0.35	U	0.35	0.058
56-55-3	Benzo[a]anthracene	0.035	U	0.035	0.012
50-32-8	Benzo[a]pyrene	0.035	U	0.035	0.0093
205-99-2	Benzo[b]fluoranthene	0.035	U	0.035	0.0091
191-24-2	Benzo[g,h,i]perylene	0.35	U	0.35	0.010
207-08-9	Benzo[k]fluoranthene	0.035	U	0.035	0.0069
111-91-1	Bis(2-chloroethoxy)methane	0.35	U	0.35	0.027
111-44-4	Bis(2-chloroethyl)ether	0.035	U	0.035	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019
85-68-7	Butyl benzyl phthalate	0.35	U	0.35	0.016
105-60-2	Caprolactam	0.35	U	0.35	0.055
86-74-8	Carbazole	0.35	U	0.35	0.013
218-01-9	Chrysene	0.0087	J	0.35	0.0059
53-70-3	Dibenz(a,h)anthracene	0.035	U	0.035	0.015
132-64-9	Dibenzofuran	0.35	U	0.35	0.012
84-66-2	Diethyl phthalate	0.35	U	0.35	0.011
131-11-3	Dimethyl phthalate	0.35	U	0.35	0.080
84-74-2	Di-n-butyl phthalate	0.35	U	0.35	0.013
117-84-0	Di-n-octyl phthalate	0.35	U	0.35	0.019
206-44-0	Fluoranthene	0.35	U	0.35	0.012
86-73-7	Fluorene	0.35	U	0.35	0.010
118-74-1	Hexachlorobenzene	0.035	U	0.035	0.017
87-68-3	Hexachlorobutadiene	0.071	U	0.071	0.0075
77-47-4	Hexachlorocyclopentadiene	0.35	U	0.35	0.031
67-72-1	Hexachloroethane	0.035	U	0.035	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014
78-59-1	Isophorone	0.14	U	0.14	0.10
91-20-3	Naphthalene	0.35	U	0.35	0.0061
98-95-3	Nitrobenzene	0.035	U	0.035	0.019
621-64-7	N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025
86-30-6	N-Nitrosodiphenylamine	0.35	U	0.35	0.029

MT 8/Wn

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1
SDG No.:
Client Sample ID: TRC-DUP-02 | Lab Sample ID: 460-261082-3
Matrix: Solid | Lab File ID: f463673.D
Analysis Method: 8270E | Date Collected: 06/29/2022 11:40
Extract. Method: 3546 | Date Extracted: 06/30/2022 17:56
Sample wt/vol: 15.00(g) | Date Analyzed: 07/01/2022 14:47
Con. Extract Vol.: 1(mL) | Dilution Factor: 1
Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: 5.5 % Solids: 94.5 | GPC Cleanup:(Y/N) N
Cleanup Factor: | Level: (low/med) Low
Analysis Batch No.: 853112 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.28	U	0.28	0.072
85-01-8	Phenanthrene	0.35	U	0.35	0.0062
108-95-2	Phenol	0.35	U	0.35	0.013
129-00-0	Pyrene	0.011	J	0.35	0.0087

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	74		10-123
321-60-8	2-Fluorobiphenyl	68		22-122
367-12-4	2-Fluorophenol (Surr)	66		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	64		16-125
4165-62-2	Phenol-d5 (Surr)	66		23-120
1718-51-0	Terphenyl-d14 (Surr)	78		25-126

MT 8/1/22

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

23

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-DUP-02 | Lab Sample ID: 460-261082-3

Matrix: Solid | Lab File ID: f463673.D

Analysis Method: 8270E | Date Collected: 06/29/2022 11:40

Extract. Method: 3546 | Date Extracted: 06/30/2022 17:56

Sample wt/vol: 15.00(g) | Date Analyzed: 07/01/2022 14:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 5.5 % Solids: 94.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 853112 | Units: mg/Kg

Number TICs Found: 2 | TIC Result Total: 0.83

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.23	0.37	~~A~~ J J	
	Unknown	8.38	0.46	~~U~~ J	

FORM I-TIC 8270E

MM 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1
SDG No.:
Client Sample ID: TRC-EB-03 | Lab Sample ID: 460-261082-4
Matrix: Water | Lab File ID: P105622.D
Analysis Method: 8270E | Date Collected: 06/29/2022 12:05
Extract. Method: 3510C | Date Extracted: 07/01/2022 07:49
Sample wt/vol: 250(mL) | Date Analyzed: 07/01/2022 23:35
Con. Extract Vol.: 2(mL) | Dilution Factor: 1
Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: % Solids: | GPC Cleanup:(Y/N) N
Cleanup Factor: | Level: (low/med) Low
Analysis Batch No.: 853246 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	1.2
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
123-91-1	1,4-Dioxane	10	U	10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
51-28-5	2,4-Dinitrophenol	20	U	20	2.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
91-58-7	2-Chloronaphthalene	10	U	10	1.2
95-57-8	2-Chlorophenol	10	U	10	0.38
91-57-6	2-Methylnaphthalene	10	U	10	0.53
95-48-7	2-Methylphenol	10	U	10	0.67
88-74-4	2-Nitroaniline	10	U	10	0.47
88-75-5	2-Nitrophenol	10	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
99-09-2	3-Nitroaniline	10	U	10	1.9
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
106-47-8	4-Chloroaniline	10	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
106-44-5	4-Methylphenol	10	U	10	0.65
100-01-6	4-Nitroaniline	10	U	10	1.2
100-02-7	4-Nitrophenol	20	U	20	4.0
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
98-86-2	Acetophenone	10	U	10	2.3
120-12-7	Anthracene	10	U	10	1.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

24

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-03 | Lab Sample ID: 460-261082-4

Matrix: Water | Lab File ID: P105622.D

Analysis Method: 8270E | Date Collected: 06/29/2022 12:05

Extract. Method: 3510C | Date Extracted: 07/01/2022 07:49

Sample wt/vol: 250(mL) | Date Analyzed: 07/01/2022 23:35

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 853246 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	2.0	U	2.0	1.3
100-52-7	Benzaldehyde	10	U	10	2.1
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
105-60-2	Caprolactam	10	U	10	2.2
86-74-8	Carbazole	10	U	10	0.68
218-01-9	Chrysene	2.0	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
132-64-9	Dibenzofuran	10	U	10	1.1
84-66-2	Diethyl phthalate	10	U	10	0.98
131-11-3	Dimethyl phthalate	10	U	10	0.77
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89

MM 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

24

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-03 | Lab Sample ID: 460-261082-4

Matrix: Water | Lab File ID: P105622.D

Analysis Method: 8270E | Date Collected: 06/29/2022 12:05

Extract. Method: 3510C | Date Extracted: 07/01/2022 07:49

Sample wt/vol: 250(mL) | Date Analyzed: 07/01/2022 23:35

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 853246 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	20	U	20	1.4
85-01-8	Phenanthrene	10	U	10	1.3
108-95-2	Phenol	10	U	10	0.29
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	98		37-150
321-60-8	2-Fluorobiphenyl	99		46-139
367-12-4	2-Fluorophenol (Surr)	52		19-80
4165-60-0	Nitrobenzene-d5 (Surr)	106		52-137
4165-62-2	Phenol-d5 (Surr)	34		10-56
1718-51-0	Terphenyl-d14 (Surr)	111		22-150

MT 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-N(22.5-24.5) | Lab Sample ID: 460-261270-1

Matrix: Solid | Lab File ID: L352402.d

Analysis Method: 8270E | Date Collected: 07/01/2022 09:00

Extract. Method: 3546 | Date Extracted: 07/05/2022 21:06

Sample wt/vol: 15.08(g) | Date Analyzed: 07/06/2022 09:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 16.4 % Solids: 83.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 853746 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.39	U	0.39	0.014
95-94-3	1,2,4,5-Tetrachlorobenzene	0.39	U	0.39	0.012
123-91-1	1,4-Dioxane	0.039	U	0.039	0.034
108-60-1	2,2'-oxybis[1-chloropropane]	0.39	U	0.39	0.0071
58-90-2	2,3,4,6-Tetrachlorophenol	0.39	U	0.39	0.027
95-95-4	2,4,5-Trichlorophenol	0.39	U	0.39	0.040
88-06-2	2,4,6-Trichlorophenol	0.16	U	0.16	0.051
120-83-2	2,4-Dichlorophenol	0.16	U	0.16	0.025
105-67-9	2,4-Dimethylphenol	0.39	U	0.39	0.047
51-28-5	2,4-Dinitrophenol	0.32	U	0.32	0.19
121-14-2	2,4-Dinitrotoluene	0.080	U	0.080	0.042
606-20-2	2,6-Dinitrotoluene	0.080	U	0.080	0.028
91-58-7	2-Chloronaphthalene	0.39	U	0.39	0.018
95-57-8	2-Chlorophenol	0.39	U	0.39	0.014
91-57-6	2-Methylnaphthalene	0.39	U	0.39	0.011
95-48-7	2-Methylphenol	0.39	U	0.39	0.015
88-74-4	2-Nitroaniline	0.39	U	0.39	0.030
88-75-5	2-Nitrophenol	0.39	U	0.39	0.039
91-94-1	3,3'-Dichlorobenzidine	0.16	U	0.16	0.059
99-09-2	3-Nitroaniline	0.39	U	0.39	0.093
534-52-1	4,6-Dinitro-2-methylphenol	0.32	U	0.32	0.16
101-55-3	4-Bromophenyl phenyl ether	0.39	U	0.39	0.016
59-50-7	4-Chloro-3-methylphenol	0.39	U	0.39	0.022
106-47-8	4-Chloroaniline	0.39	U	0.39	0.070
7005-72-3	4-Chlorophenyl phenyl ether	0.39	U	0.39	0.014
106-44-5	4-Methylphenol	0.39	U	0.39	0.025
100-01-6	4-Nitroaniline	0.39	U	0.39	0.045
100-02-7	4-Nitrophenol	0.80	U	0.80	0.064
83-32-9	Acenaphthene	0.39	U	0.39	0.011
208-96-8	Acenaphthylene	0.39	U	0.39	0.011
98-86-2	Acetophenone	0.39	U	0.39	0.019
120-12-7	Anthracene	0.39	U	0.39	0.012

MM 8/4/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

25

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-N(22.5-24.5) Lab Sample ID: 460-261270-1

Matrix: Solid Lab File ID: L352402.d

Analysis Method: 8270E Date Collected: 07/01/2022 09:00

Extract. Method: 3546 Date Extracted: 07/05/2022 21:06

Sample wt/vol: 15.08(g) Date Analyzed: 07/06/2022 09:16

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 16.4 % Solids: 83.6 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 853746 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.16	U	0.16	0.023
100-52-7	Benzaldehyde	0.39	U	0.39	0.065
56-55-3	Benzo[a]anthracene	0.039	U	0.039	0.014
50-32-8	Benzo[a]pyrene	0.039	U	0.039	0.010
205-99-2	Benzo[b]fluoranthene	0.039	U	0.039	0.010
191-24-2	Benzo[g,h,i]perylene	0.39	U	0.39	0.012
207-08-9	Benzo[k]fluoranthene	0.039	U	0.039	0.0077
111-91-1	Bis(2-chloroethoxy)methane	0.39	U	0.39	0.031
111-44-4	Bis(2-chloroethyl)ether	0.039	U	0.039	0.014
117-81-7	Bis(2-ethylhexyl) phthalate	0.39	U	0.39	0.021
85-68-7	Butyl benzyl phthalate	0.39	U	0.39	0.018
105-60-2	Caprolactam	0.39	U	0.39	0.061
86-74-8	Carbazole	0.39	U	0.39	0.015
218-01-9	Chrysene	0.39	U	0.39	0.0067
53-70-3	Dibenz(a,h)anthracene	0.039	U	0.039	0.017
132-64-9	Dibenzofuran	0.39	U	0.39	0.013
84-66-2	Diethyl phthalate	0.39	U	0.39	0.013
131-11-3	Dimethyl phthalate	0.39	U	0.39	0.089
84-74-2	Di-n-butyl phthalate	0.39	U	0.39	0.015
117-84-0	Di-n-octyl phthalate	0.39	U	0.39	0.021
206-44-0	Fluoranthene	0.39	U	0.39	0.014
86-73-7	Fluorene	0.39	U	0.39	0.012
118-74-1	Hexachlorobenzene	0.039	U	0.039	0.019
87-68-3	Hexachlorobutadiene	0.080	U	0.080	0.0084
77-47-4	Hexachlorocyclopentadiene	0.39	U	0.39	0.035
67-72-1	Hexachloroethane	0.039	U	0.039	0.014
193-39-5	Indeno[1,2,3-cd]pyrene	0.039	U	0.039	0.015
78-59-1	Isophorone	0.16	U	0.16	0.11
91-20-3	Naphthalene	0.39	U	0.39	0.0068
98-95-3	Nitrobenzene	0.039	U	0.039	0.022
621-64-7	N-Nitrosodi-n-propylamine	0.039	U	0.039	0.029
86-30-6	N-Nitrosodiphenylamine	0.39	U	0.39	0.032

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

25

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-N(22.5-24.5) Lab Sample ID: 460-261270-1

Matrix: Solid Lab File ID: L352402.d

Analysis Method: 8270E Date Collected: 07/01/2022 09:00

Extract. Method: 3546 Date Extracted: 07/05/2022 21:06

Sample wt/vol: 15.08(g) Date Analyzed: 07/06/2022 09:16

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 16.4 % Solids: 83.6 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 853746 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.32	U	0.32	0.081
85-01-8	Phenanthrene	0.39	U	0.39	0.0069
108-95-2	Phenol	0.39	U	0.39	0.014
129-00-0	Pyrene	0.39	U	0.39	0.0098

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	88		10-123
321-60-8	2-Fluorobiphenyl	86		22-122
367-12-4	2-Fluorophenol (Surr)	73		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	86		16-125
4165-62-2	Phenol-d5 (Surr)	79		23-120
1718-51-0	Terphenyl-d14 (Surr)	95		25-126

MM 8/1/22

25

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

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-N(22.5-24.5) | Lab Sample ID: 460-261270-1

Matrix: Solid | Lab File ID: L352402.d

Analysis Method: 8270E | Date Collected: 07/01/2022 09:00

Extract. Method: 3546 | Date Extracted: 07/05/2022 21:06

Sample wt/vol: 15.08(g) | Date Analyzed: 07/06/2022 09:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 16.4 % Solids: 83.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 853746 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 97

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
124-18-5	n-Decane	4.40	97	J	90%

FORM I-TIC 8270E

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

26

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-W(18.5-20.0) Lab Sample ID: 460-261270-2

Matrix: Solid Lab File ID: L352406.d

Analysis Method: 8270E Date Collected: 07/01/2022 09:52

Extract. Method: 3546 Date Extracted: 07/05/2022 21:06

Sample wt/vol: 15.05(g) Date Analyzed: 07/06/2022 10:46

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 16.2 % Solids: 83.8 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 853746 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.39	U	0.39	0.014
95-94-3	1,2,4,5-Tetrachlorobenzene	0.39	U	0.39	0.012
123-91-1	1,4-Dioxane	0.039	U	0.039	0.034
108-60-1	2,2'-oxybis[1-chloropropane]	0.39	U	0.39	0.0071
58-90-2	2,3,4,6-Tetrachlorophenol	0.39	U	0.39	0.027
95-95-4	2,4,5-Trichlorophenol	0.39	U	0.39	0.040
88-06-2	2,4,6-Trichlorophenol	0.16	U	0.16	0.051
120-83-2	2,4-Dichlorophenol	0.16	U	0.16	0.025
105-67-9	2,4-Dimethylphenol	0.39	U	0.39	0.047
51-28-5	2,4-Dinitrophenol	0.32	U	0.32	0.19
121-14-2	2,4-Dinitrotoluene	0.080	U	0.080	0.042
606-20-2	2,6-Dinitrotoluene	0.080	U	0.080	0.028
91-58-7	2-Chloronaphthalene	0.39	U	0.39	0.018
95-57-8	2-Chlorophenol	0.39	U	0.39	0.014
91-57-6	2-Methylnaphthalene	0.20	J	0.39	0.011
95-48-7	2-Methylphenol	0.39	U	0.39	0.015
88-74-4	2-Nitroaniline	0.39	U	0.39	0.030
88-75-5	2-Nitrophenol	0.39	U	0.39	0.039
91-94-1	3,3'-Dichlorobenzidine	0.16	U	0.16	0.059
99-09-2	3-Nitroaniline	0.39	U	0.39	0.093
534-52-1	4,6-Dinitro-2-methylphenol	0.32	U	0.32	0.16
101-55-3	4-Bromophenyl phenyl ether	0.39	U	0.39	0.016
59-50-7	4-Chloro-3-methylphenol	0.39	U	0.39	0.022
106-47-8	4-Chloroaniline	0.39	U	0.39	0.070
7005-72-3	4-Chlorophenyl phenyl ether	0.39	U	0.39	0.014
106-44-5	4-Methylphenol	0.39	U	0.39	0.025
100-01-6	4-Nitroaniline	0.39	U	0.39	0.045
100-02-7	4-Nitrophenol	0.80	U	0.80	0.064
83-32-9	Acenaphthene	0.39	U	0.39	0.011
208-96-8	Acenaphthylene	0.39	U	0.39	0.011
98-86-2	Acetophenone	0.39	U	0.39	0.019
120-12-7	Anthracene	0.39	U	0.39	0.012

MT 8/4/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

26

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-W(18.5-20.0) | Lab Sample ID: 460-261270-2

Matrix: Solid | Lab File ID: L352406.d

Analysis Method: 8270E | Date Collected: 07/01/2022 09:52

Extract. Method: 3546 | Date Extracted: 07/05/2022 21:06

Sample wt/vol: 15.05(g) | Date Analyzed: 07/06/2022 10:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 16.2 % Solids: 83.8 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 853746 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.16	U	0.16	0.023
100-52-7	Benzaldehyde	0.39	U	0.39	0.065
56-55-3	Benzo[a]anthracene	0.039	U	0.039	0.014
50-32-8	Benzo[a]pyrene	0.039	U	0.039	0.010
205-99-2	Benzo[b]fluoranthene	0.039	U	0.039	0.010
191-24-2	Benzo[g,h,i]perylene	0.39	U	0.39	0.012
207-08-9	Benzo[k]fluoranthene	0.039	U	0.039	0.0077
111-91-1	Bis(2-chloroethoxy)methane	0.39	U	0.39	0.031
111-44-4	Bis(2-chloroethyl)ether	0.039	U	0.039	0.014
117-81-7	Bis(2-ethylhexyl) phthalate	0.39	U	0.39	0.021
85-68-7	Butyl benzyl phthalate	0.39	U	0.39	0.018
105-60-2	Caprolactam	0.39	U	0.39	0.061
86-74-8	Carbazole	0.39	U	0.39	0.015
218-01-9	Chrysene	0.39	U	0.39	0.0066
53-70-3	Dibenz(a,h)anthracene	0.039	U	0.039	0.017
132-64-9	Dibenzofuran	0.39	U	0.39	0.013
84-66-2	Diethyl phthalate	0.39	U	0.39	0.013
131-11-3	Dimethyl phthalate	0.39	U	0.39	0.089
84-74-2	Di-n-butyl phthalate	0.39	U	0.39	0.015
117-84-0	Di-n-octyl phthalate	0.39	U	0.39	0.021
206-44-0	Fluoranthene	0.39	U	0.39	0.014
86-73-7	Fluorene	0.39	U	0.39	0.012
118-74-1	Hexachlorobenzene	0.039	U	0.039	0.019
87-68-3	Hexachlorobutadiene	0.080	U	0.080	0.0084
77-47-4	Hexachlorocyclopentadiene	0.39	U	0.39	0.035
67-72-1	Hexachloroethane	0.039	U	0.039	0.014
193-39-5	Indeno[1,2,3-cd]pyrene	0.039	U	0.039	0.015
78-59-1	Isophorone	0.16	U	0.16	0.11
91-20-3	Naphthalene	0.35	J	0.39	0.0068
98-95-3	Nitrobenzene	0.039	U	0.039	0.022
621-64-7	N-Nitrosodi-n-propylamine	0.039	U	0.039	0.029
86-30-6	N-Nitrosodiphenylamine	0.39	U	0.39	0.032

MM 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

26

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-W(18.5-20.0) | Lab Sample ID: 460-261270-2

Matrix: Solid | Lab File ID: L352406.d

Analysis Method: 8270E | Date Collected: 07/01/2022 09:52

Extract. Method: 3546 | Date Extracted: 07/05/2022 21:06

Sample wt/vol: 15.05(g) | Date Analyzed: 07/06/2022 10:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 16.2 % Solids: 83.8 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 853746 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.32	U	0.32	0.081
85-01-8	Phenanthrene	0.39	U	0.39	0.0069
108-95-2	Phenol	0.39	U	0.39	0.014
129-00-0	Pyrene	0.39	U	0.39	0.0098

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	96		10-123
321-60-8	2-Fluorobiphenyl	93		22-122
367-12-4	2-Fluorophenol (Surr)	74		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	89		16-125
4165-62-2	Phenol-d5 (Surr)	83		23-120
1718-51-0	Terphenyl-d14 (Surr)	99		25-126

MM 8/Wn

26

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

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-W(18.5-20.0) | Lab Sample ID: 460-261270-2

Matrix: Solid | Lab File ID: L352406.d

Analysis Method: 8270E | Date Collected: 07/01/2022 09:52

Extract. Method: 3546 | Date Extracted: 07/05/2022 21:06

Sample wt/vol: 15.05(g) | Date Analyzed: 07/06/2022 10:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 16.2 % Solids: 83.8 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 853746 | Units: mg/Kg

Number TICs Found: 12 | TIC Result Total: 17

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	2.88	0.38	J	
	Unknown	3.01	1.3	J	
	Unknown	3.20	1.1	J	
	Unknown	3.55	2.3	J	
	Unknown	3.66	1.1	J	
	Unknown	3.86	1.7	J	
	Unknown	4.12	2.4	J	
95-63-6	Benzene, 1,2,4-trimethyl-	4.39	2.6	J N	86%
105-05-5	Benzene, 1,4-diethyl-	4.85	1.2	J N	94%
	Unknown	5.30	0.84	J	
	Unknown	5.41	1.7	J	
544-76-3	Hexadecane	6.35	0.38	J N	83%

FORM I-TIC 8270E

MM 8/4/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-W(26-28) | Lab Sample ID: 460-261270-3

Matrix: Solid | Lab File ID: L352407.d

Analysis Method: 8270E | Date Collected: 07/01/2022 09:50

Extract. Method: 3546 | Date Extracted: 07/05/2022 21:06

Sample wt/vol: 15.06(g) | Date Analyzed: 07/06/2022 11:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.2 % Solids: 90.8 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 853746 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.36	U	0.36	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011
123-91-1	1,4-Dioxane	0.036	U	0.036	0.032
108-60-1	2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.0066
58-90-2	2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025
95-95-4	2,4,5-Trichlorophenol	0.36	U	0.36	0.037
88-06-2	2,4,6-Trichlorophenol	0.15	U	0.15	0.047
120-83-2	2,4-Dichlorophenol	0.15	U	0.15	0.023
105-67-9	2,4-Dimethylphenol	0.36	U	0.36	0.043
51-28-5	2,4-Dinitrophenol	0.29	U	0.29	0.18
121-14-2	2,4-Dinitrotoluene	0.073	U	0.073	0.039
606-20-2	2,6-Dinitrotoluene	0.073	U	0.073	0.026
91-58-7	2-Chloronaphthalene	0.36	U	0.36	0.017
95-57-8	2-Chlorophenol	0.36	U	0.36	0.013
91-57-6	2-Methylnaphthalene	0.74		0.36	0.010
95-48-7	2-Methylphenol	0.36	U	0.36	0.014
88-74-4	2-Nitroaniline	0.36	U	0.36	0.028
88-75-5	2-Nitrophenol	0.36	U	0.36	0.036
91-94-1	3,3'-Dichlorobenzidine	0.15	U	0.15	0.055
99-09-2	3-Nitroaniline	0.36	U	0.36	0.086
534-52-1	4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15
101-55-3	4-Bromophenyl phenyl ether	0.36	U	0.36	0.014
59-50-7	4-Chloro-3-methylphenol	0.36	U	0.36	0.020
106-47-8	4-Chloroaniline	0.36	U	0.36	0.064
7005-72-3	4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013
106-44-5	4-Methylphenol	0.36	U	0.36	0.023
100-01-6	4-Nitroaniline	0.36	U	0.36	0.042
100-02-7	4-Nitrophenol	0.73	U	0.73	0.059
83-32-9	Acenaphthene	0.36	U	0.36	0.010
208-96-8	Acenaphthylene	0.36	U	0.36	0.010
98-86-2	Acetophenone	0.36	U	0.36	0.018
120-12-7	Anthracene	0.36	U	0.36	0.011

MM 8/4/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-W(26-28) | Lab Sample ID: 460-261270-3

Matrix: Solid | Lab File ID: L352407.d

Analysis Method: 8270E | Date Collected: 07/01/2022 09:50

Extract. Method: 3546 | Date Extracted: 07/05/2022 21:06

Sample wt/vol: 15.06(g) | Date Analyzed: 07/06/2022 11:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.2 % Solids: 90.8 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 853746 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.15	U	0.15	0.021
100-52-7	Benzaldehyde	0.36	U	0.36	0.060
56-55-3	Benzo[a]anthracene	0.036	U	0.036	0.013
50-32-8	Benzo[a]pyrene	0.036	U	0.036	0.0097
205-99-2	Benzo[b]fluoranthene	0.036	U	0.036	0.0094
191-24-2	Benzo[g,h,i]perylene	0.36	U	0.36	0.011
207-08-9	Benzo[k]fluoranthene	0.036	U	0.036	0.0071
111-91-1	Bis(2-chloroethoxy)methane	0.36	U	0.36	0.028
111-44-4	Bis(2-chloroethyl)ether	0.036	U	0.036	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019
85-68-7	Butyl benzyl phthalate	0.36	U	0.36	0.017
105-60-2	Caprolactam	0.36	U	0.36	0.056
86-74-8	Carbazole	0.36	U	0.36	0.014
218-01-9	Chrysene	0.36	U	0.36	0.0061
53-70-3	Dibenz(a,h)anthracene	0.036	U	0.036	0.016
132-64-9	Dibenzofuran	0.36	U	0.36	0.012
84-66-2	Diethyl phthalate	0.36	U	0.36	0.012
131-11-3	Dimethyl phthalate	0.36	U	0.36	0.082
84-74-2	Di-n-butyl phthalate	0.36	U	0.36	0.014
117-84-0	Di-n-octyl phthalate	0.36	U	0.36	0.019
206-44-0	Fluoranthene	0.36	U	0.36	0.013
86-73-7	Fluorene	0.36	U	0.36	0.011
118-74-1	Hexachlorobenzene	0.036	U	0.036	0.017
87-68-3	Hexachlorobutadiene	0.073	U	0.073	0.0077
77-47-4	Hexachlorocyclopentadiene	0.36	U	0.36	0.032
67-72-1	Hexachloroethane	0.036	U	0.036	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014
78-59-1	Isophorone	0.15	U	0.15	0.10
91-20-3	Naphthalene	1.8		0.36	0.0063
98-95-3	Nitrobenzene	0.036	U	0.036	0.020
621-64-7	N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026
86-30-6	N-Nitrosodiphenylamine	0.36	U	0.36	0.030

MT 8/Wn

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1
SDG No.:
Client Sample ID: TRC-SB-19-W(26-28) | Lab Sample ID: 460-261270-3
Matrix: Solid | Lab File ID: L352407.d
Analysis Method: 8270E | Date Collected: 07/01/2022 09:50
Extract. Method: 3546 | Date Extracted: 07/05/2022 21:06
Sample wt/vol: 15.06(g) | Date Analyzed: 07/06/2022 11:08
Con. Extract Vol.: 1(mL) | Dilution Factor: 1
Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: 9.2 % Solids: 90.8 | GPC Cleanup:(Y/N) N
Cleanup Factor: | Level: (low/med) Low
Analysis Batch No.: 853746 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.29	U	0.29	0.074
85-01-8	Phenanthrene	0.36	U	0.36	0.0064
108-95-2	Phenol	0.36	U	0.36	0.013
129-00-0	Pyrene	0.36	U	0.36	0.0090

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	90		10-123
321-60-8	2-Fluorobiphenyl	90		22-122
367-12-4	2-Fluorophenol (Surr)	68		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	87		16-125
4165-62-2	Phenol-d5 (Surr)	79		23-120
1718-51-0	Terphenyl-d14 (Surr)	98		25-126

MM 8/10/22

27

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

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-W(26-28) | Lab Sample ID: 460-261270-3

Matrix: Solid | Lab File ID: L352407.d

Analysis Method: 8270E | Date Collected: 07/01/2022 09:50

Extract. Method: 3546 | Date Extracted: 07/05/2022 21:06

Sample wt/vol: 15.06(g) | Date Analyzed: 07/06/2022 11:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.2 % Solids: 90.8 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 853746 | Units: mg/Kg

Number TICs Found: 14 | TIC Result Total: 25.11

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	2.12	0.33	J J	
	Unknown	2.61	2.2	J	
	Unknown	3.55	3.7	J	
	Unknown	3.67	1.4	J	
	Unknown	3.86	1.8	J	
620-14-4	Benzene, 1-ethyl-3-methyl-	4.12	4.4	J N NJ	94%
526-73-8	Benzene, 1,2,3-trimethyl-	4.39	3.9	J N	91%
105-05-5	Benzene, 1,4-diethyl-	4.85	1.8	J N	96%
527-53-7	Benzene, 1,2,3,5-tetramethyl-	5.30	1.5	J N	93%
3333-13-9	Benzene, 1-methyl-4-(2-propenyl)-	5.52	2.5	J N	90%
	Unknown	6.04	0.56	J J	
	Unknown	6.19	0.33	J J	
112-40-3	Dodecane	6.89	0.38	J N NJ	90%
77-94-1	Butyl citrate	10.19	0.31	J N NJ	91%

FORM I-TIC 8270E

MT 8/Wn

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-S(23-25) Lab Sample ID: 460-261270-4

Matrix: Solid Lab File ID: L352408.d

Analysis Method: 8270E Date Collected: 07/01/2022 12:15

Extract. Method: 3546 Date Extracted: 07/05/2022 21:06

Sample wt/vol: 15.06(g) Date Analyzed: 07/06/2022 11:31

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.5 % Solids: 91.5 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 853746 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.36	U	0.36	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011
123-91-1	1,4-Dioxane	0.036	U	0.036	0.031
108-60-1	2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.0065
58-90-2	2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024
95-95-4	2,4,5-Trichlorophenol	0.36	U	0.36	0.037
88-06-2	2,4,6-Trichlorophenol	0.14	U	0.14	0.046
120-83-2	2,4-Dichlorophenol	0.14	U	0.14	0.023
105-67-9	2,4-Dimethylphenol	0.36	U	0.36	0.043
51-28-5	2,4-Dinitrophenol	0.29	U	0.29	0.18
121-14-2	2,4-Dinitrotoluene	0.073	U	0.073	0.039
606-20-2	2,6-Dinitrotoluene	0.073	U	0.073	0.026
91-58-7	2-Chloronaphthalene	0.36	U	0.36	0.017
95-57-8	2-Chlorophenol	0.36	U	0.36	0.013
91-57-6	2-Methylnaphthalene	0.55		0.36	0.010
95-48-7	2-Methylphenol	0.36	U	0.36	0.013
88-74-4	2-Nitroaniline	0.36	U	0.36	0.027
88-75-5	2-Nitrophenol	0.36	U	0.36	0.036
91-94-1	3,3'-Dichlorobenzidine	0.14	U	0.14	0.054
99-09-2	3-Nitroaniline	0.36	U	0.36	0.085
534-52-1	4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15
101-55-3	4-Bromophenyl phenyl ether	0.36	U	0.36	0.014
59-50-7	4-Chloro-3-methylphenol	0.36	U	0.36	0.020
106-47-8	4-Chloroaniline	0.36	U	0.36	0.064
7005-72-3	4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013
106-44-5	4-Methylphenol	0.36	U	0.36	0.022
100-01-6	4-Nitroaniline	0.36	U	0.36	0.041
100-02-7	4-Nitrophenol	0.73	U	0.73	0.059
83-32-9	Acenaphthene	0.36	U	0.36	0.010
208-96-8	Acenaphthylene	0.36	U	0.36	0.010
98-86-2	Acetophenone	0.36	U	0.36	0.018
120-12-7	Anthracene	0.36	U	0.36	0.011

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-S(23-25) | Lab Sample ID: 460-261270-4

Matrix: Solid | Lab File ID: L352408.d

Analysis Method: 8270E | Date Collected: 07/01/2022 12:15

Extract. Method: 3546 | Date Extracted: 07/05/2022 21:06

Sample wt/vol: 15.06(g) | Date Analyzed: 07/06/2022 11:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.5 % Solids: 91.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 853746 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.14	U	0.14	0.021
100-52-7	Benzaldehyde	0.36	U	0.36	0.060
56-55-3	Benzo[a]anthracene	0.036	U	0.036	0.013
50-32-8	Benzo[a]pyrene	0.036	U	0.036	0.0096
205-99-2	Benzo[b]fluoranthene	0.036	U	0.036	0.0093
191-24-2	Benzo[g,h,i]perylene	0.36	U	0.36	0.011
207-08-9	Benzo[k]fluoranthene	0.036	U	0.036	0.0071
111-91-1	Bis(2-chloroethoxy)methane	0.36	U	0.36	0.028
111-44-4	Bis(2-chloroethyl)ether	0.036	U	0.036	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019
85-68-7	Butyl benzyl phthalate	0.36	U	0.36	0.017
105-60-2	Caprolactam	0.36	U	0.36	0.056
86-74-8	Carbazole	0.36	U	0.36	0.014
218-01-9	Chrysene	0.36	U	0.36	0.0061
53-70-3	Dibenz(a,h)anthracene	0.036	U	0.036	0.016
132-64-9	Dibenzofuran	0.36	U	0.36	0.012
84-66-2	Diethyl phthalate	0.36	U	0.36	0.012
131-11-3	Dimethyl phthalate	0.36	U	0.36	0.082
84-74-2	Di-n-butyl phthalate	0.36	U	0.36	0.014
117-84-0	Di-n-octyl phthalate	0.36	U	0.36	0.019
206-44-0	Fluoranthene	0.36	U	0.36	0.013
86-73-7	Fluorene	0.36	U	0.36	0.011
118-74-1	Hexachlorobenzene	0.036	U	0.036	0.017
87-68-3	Hexachlorobutadiene	0.073	U	0.073	0.0077
77-47-4	Hexachlorocyclopentadiene	0.36	U	0.36	0.032
67-72-1	Hexachloroethane	0.036	U	0.036	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014
78-59-1	Isophorone	0.14	U	0.14	0.10
91-20-3	Naphthalene	1.4		0.36	0.0062
98-95-3	Nitrobenzene	0.036	U	0.036	0.020
621-64-7	N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026
86-30-6	N-Nitrosodiphenylamine	0.36	U	0.36	0.030

MT 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-S(23-25) | Lab Sample ID: 460-261270-4

Matrix: Solid | Lab File ID: L352408.d

Analysis Method: 8270E | Date Collected: 07/01/2022 12:15

Extract. Method: 3546 | Date Extracted: 07/05/2022 21:06

Sample wt/vol: 15.06(g) | Date Analyzed: 07/06/2022 11:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.5 % Solids: 91.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 853746 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.29	U	0.29	0.074
85-01-8	Phenanthrene	0.36	U	0.36	0.0063
108-95-2	Phenol	0.36	U	0.36	0.013
129-00-0	Pyrene	0.36	U	0.36	0.0090

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	88		10-123
321-60-8	2-Fluorobiphenyl	92		22-122
367-12-4	2-Fluorophenol (Surr)	69		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	84		16-125
4165-62-2	Phenol-d5 (Surr)	79		23-120
1718-51-0	Terphenyl-d14 (Surr)	96		25-126

MT 8/1/22

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

28

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-S(23-25) Lab Sample ID: 460-261270-4

Matrix: Solid Lab File ID: L352408.d

Analysis Method: 8270E Date Collected: 07/01/2022 12:15

Extract. Method: 3546 Date Extracted: 07/05/2022 21:06

Sample wt/vol: 15.06(g) Date Analyzed: 07/06/2022 11:31

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.5 % Solids: 91.5 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 853746 Units: mg/Kg

Number TICs Found: 10 TIC Result Total: 24.27

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	2.75	0.31	J J	
	Unknown	2.88	0.46	J	
	Unknown	3.15	1.6	J	
	Unknown	3.56	3.9	J	
	Unknown	3.86	2.6	J	
611-14-3	Benzene, 1-ethyl-2-methyl-	4.12	5.0	J N NJ	94%
526-73-8	Benzene, 1,2,3-trimethyl-	4.39	4.7	J N	93%
105-05-5	Benzene, 1,4-diethyl-	4.85	1.9	J N	96%
527-53-7	Benzene, 1,2,3,5-tetramethyl-	5.30	1.5	J N	94%
	Unknown	5.52	2.3	J J	

FORM I-TIC 8270E

MT 8/11/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1
SDG No.:
Client Sample ID: TRC-SB-19-E(18-20) | Lab Sample ID: 460-261270-5
Matrix: Solid | Lab File ID: L352409.d
Analysis Method: 8270E | Date Collected: 07/01/2022 13:13
Extract. Method: 3546 | Date Extracted: 07/05/2022 21:06
Sample wt/vol: 15.01(g) | Date Analyzed: 07/06/2022 11:53
Con. Extract Vol.: 1(mL) | Dilution Factor: 1
Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: 11.0 % Solids: 88.9 | GPC Cleanup:(Y/N) N
Cleanup Factor: | Level: (low/med) Low
Analysis Batch No.: 853746 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.37	U	0.37	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012
123-91-1	1,4-Dioxane	0.037	U	0.037	0.032
108-60-1	2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.0067
58-90-2	2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025
95-95-4	2,4,5-Trichlorophenol	0.37	U	0.37	0.038
88-06-2	2,4,6-Trichlorophenol	0.15	U	0.15	0.048
120-83-2	2,4-Dichlorophenol	0.15	U	0.15	0.024
105-67-9	2,4-Dimethylphenol	0.37	U	0.37	0.044
51-28-5	2,4-Dinitrophenol	0.30	U	0.30	0.18
121-14-2	2,4-Dinitrotoluene	0.075	U	0.075	0.040
606-20-2	2,6-Dinitrotoluene	0.075	U	0.075	0.027
91-58-7	2-Chloronaphthalene	0.37	U	0.37	0.017
95-57-8	2-Chlorophenol	0.37	U	0.37	0.013
91-57-6	2-Methylnaphthalene	0.37	U	0.37	0.010
95-48-7	2-Methylphenol	0.37	U	0.37	0.014
88-74-4	2-Nitroaniline	0.37	U	0.37	0.028
88-75-5	2-Nitrophenol	0.37	U	0.37	0.037
91-94-1	3,3'-Dichlorobenzidine	0.15	U	0.15	0.056
99-09-2	3-Nitroaniline	0.37	U	0.37	0.088
534-52-1	4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15
101-55-3	4-Bromophenyl phenyl ether	0.37	U	0.37	0.015
59-50-7	4-Chloro-3-methylphenol	0.37	U	0.37	0.021
106-47-8	4-Chloroaniline	0.37	U	0.37	0.066
7005-72-3	4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013
106-44-5	4-Methylphenol	0.37	U	0.37	0.023
100-01-6	4-Nitroaniline	0.37	U	0.37	0.043
100-02-7	4-Nitrophenol	0.75	U	0.75	0.061
83-32-9	Acenaphthene	0.37	U	0.37	0.011
208-96-8	Acenaphthylene	0.37	U	0.37	0.011
98-86-2	Acetophenone	0.37	U	0.37	0.018
120-12-7	Anthracene	0.37	U	0.37	0.011

MM 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-E(18-20) | Lab Sample ID: 460-261270-5

Matrix: Solid | Lab File ID: L352409.d

Analysis Method: 8270E | Date Collected: 07/01/2022 13:13

Extract. Method: 3546 | Date Extracted: 07/05/2022 21:06

Sample wt/vol: 15.01(g) | Date Analyzed: 07/06/2022 11:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 11.0 % Solids: 88.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 853746 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.15	U	0.15	0.022
100-52-7	Benzaldehyde	0.37	U	0.37	0.061
56-55-3	Benzo[a]anthracene	0.037	U	0.037	0.013
50-32-8	Benzo[a]pyrene	0.037	U	0.037	0.0099
205-99-2	Benzo[b]fluoranthene	0.037	U	0.037	0.0096
191-24-2	Benzo[g,h,i]perylene	0.37	U	0.37	0.011
207-08-9	Benzo[k]fluoranthene	0.037	U	0.037	0.0073
111-91-1	Bis(2-chloroethoxy)methane	0.37	U	0.37	0.029
111-44-4	Bis(2-chloroethyl)ether	0.037	U	0.037	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020
85-68-7	Butyl benzyl phthalate	0.37	U	0.37	0.017
105-60-2	Caprolactam	0.37	U	0.37	0.058
86-74-8	Carbazole	0.37	U	0.37	0.014
218-01-9	Chrysene	0.37	U	0.37	0.0063
53-70-3	Dibenz(a,h)anthracene	0.037	U	0.037	0.016
132-64-9	Dibenzofuran	0.37	U	0.37	0.012
84-66-2	Diethyl phthalate	0.37	U	0.37	0.012
131-11-3	Dimethyl phthalate	0.37	U	0.37	0.084
84-74-2	Di-n-butyl phthalate	0.37	U	0.37	0.014
117-84-0	Di-n-octyl phthalate	0.37	U	0.37	0.020
206-44-0	Fluoranthene	0.37	U	0.37	0.013
86-73-7	Fluorene	0.37	U	0.37	0.011
118-74-1	Hexachlorobenzene	0.037	U	0.037	0.018
87-68-3	Hexachlorobutadiene	0.075	U	0.075	0.0079
77-47-4	Hexachlorocyclopentadiene	0.37	U	0.37	0.033
67-72-1	Hexachloroethane	0.037	U	0.037	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.015
78-59-1	Isophorone	0.15	U	0.15	0.11
91-20-3	Naphthalene	0.37	U	0.37	0.0064
98-95-3	Nitrobenzene	0.037	U	0.037	0.021
621-64-7	N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027
86-30-6	N-Nitrosodiphenylamine	0.37	U	0.37	0.031

MM 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-E(18-20) | Lab Sample ID: 460-261270-5

Matrix: Solid | Lab File ID: L352409.d

Analysis Method: 8270E | Date Collected: 07/01/2022 13:13

Extract. Method: 3546 | Date Extracted: 07/05/2022 21:06

Sample wt/vol: 15.01(g) | Date Analyzed: 07/06/2022 11:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 11.0 % Solids: 88.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 853746 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.30	U	0.30	0.076
85-01-8	Phenanthrene	0.37	U	0.37	0.0065
108-95-2	Phenol	0.37	U	0.37	0.014
129-00-0	Pyrene	0.37	U	0.37	0.0092

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	85		10-123
321-60-8	2-Fluorobiphenyl	86		22-122
367-12-4	2-Fluorophenol (Surr)	70		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	86		16-125
4165-62-2	Phenol-d5 (Surr)	79		23-120
1718-51-0	Terphenyl-d14 (Surr)	96		25-126

MT 8/Wn

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-04 | Lab Sample ID: 460-261270-6

Matrix: Water | Lab File ID: M237413.D

Analysis Method: 8270E | Date Collected: 07/01/2022 13:00

Extract. Method: 3510C | Date Extracted: 07/06/2022 06:32

Sample wt/vol: 250(mL) | Date Analyzed: 07/06/2022 23:43

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 853907 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	1.2
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
123-91-1	1,4-Dioxane	10	U	10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
51-28-5	2,4-Dinitrophenol	20	U UJ	20	2.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	2.0	U UJ	2.0	0.83
91-58-7	2-Chloronaphthalene	10	U	10	1.2
95-57-8	2-Chlorophenol	10	U	10	0.38
91-57-6	2-Methylnaphthalene	10	U	10	0.53
95-48-7	2-Methylphenol	10	U	10	0.67
88-74-4	2-Nitroaniline	10	U	10	0.47
88-75-5	2-Nitrophenol	10	U UJ	10	0.75
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
99-09-2	3-Nitroaniline	10	U	10	1.9
534-52-1	4,6-Dinitro-2-methylphenol	20	U UJ	20	3.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
106-47-8	4-Chloroaniline	10	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
106-44-5	4-Methylphenol	10	U	10	0.65
100-01-6	4-Nitroaniline	10	U	10	1.2
100-02-7	4-Nitrophenol	20	U	20	4.0
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
98-86-2	Acetophenone	10	U	10	2.3
120-12-7	Anthracene	10	U	10	1.3

MM 8/Wn

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

30

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-04 | Lab Sample ID: 460-261270-6

Matrix: Water | Lab File ID: M237413.D

Analysis Method: 8270E | Date Collected: 07/01/2022 13:00

Extract. Method: 3510C | Date Extracted: 07/06/2022 06:32

Sample wt/vol: 250(mL) | Date Analyzed: 07/06/2022 23:43

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 853907 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	2.0	U	2.0	1.3
100-52-7	Benzaldehyde	10	U	10	2.1
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	10	U UJ	10	0.70
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
105-60-2	Caprolactam	10	U	10	2.2
86-74-8	Carbazole	10	U	10	0.68
218-01-9	Chrysene	2.0	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	1.0	U UJ	1.0	0.72
132-64-9	Dibenzofuran	10	U	10	1.1
84-66-2	Diethyl phthalate	10	U	10	0.98
131-11-3	Dimethyl phthalate	10	U	10	0.77
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U UJ	2.0	0.94
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89

MM 8/11/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-04 | Lab Sample ID: 460-261270-6

Matrix: Water | Lab File ID: M237413.D

Analysis Method: 8270E | Date Collected: 07/01/2022 13:00

Extract. Method: 3510C | Date Extracted: 07/06/2022 06:32

Sample wt/vol: 250(mL) | Date Analyzed: 07/06/2022 23:43

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 853907 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	20	U	20	1.4
85-01-8	Phenanthrene	10	U	10	1.3
108-95-2	Phenol	10	U *	10	0.29
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	95		37-150
321-60-8	2-Fluorobiphenyl	87		46-139
367-12-4	2-Fluorophenol (Surr)	38		19-80
4165-60-0	Nitrobenzene-d5 (Surr)	87		52-137
4165-62-2	Phenol-d5 (Surr)	27		10-56
1718-51-0	Terphenyl-d14 (Surr)	94		22-150

MM 8/1/22

30

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

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-04 | Lab Sample ID: 460-261270-6

Matrix: Water | Lab File ID: M237413.D

Analysis Method: 8270E | Date Collected: 07/01/2022 13:00

Extract. Method: 3510C | Date Extracted: 07/06/2022 06:32

Sample wt/vol: 250(mL) | Date Analyzed: 07/06/2022 23:43

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 853907 | Units: ug/L

Number TICs Found: 1 | TIC Result Total: 43

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
96-76-4	Phenol, 2,4-bis(1,1-dimethylethyl)-	6.94	43	J	97%

MM 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-E(22-24) Lab Sample ID: 460-261270-7

Matrix: Solid Lab File ID: L352410.d

Analysis Method: 8270E Date Collected: 07/01/2022 13:15

Extract. Method: 3546 Date Extracted: 07/05/2022 21:06

Sample wt/vol: 15.01(g) Date Analyzed: 07/06/2022 12:16

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 11.6 % Solids: 88.4 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 853746 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.37	U	0.37	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012
123-91-1	1,4-Dioxane	0.037	U	0.037	0.033
108-60-1	2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.0068
58-90-2	2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025
95-95-4	2,4,5-Trichlorophenol	0.37	U	0.37	0.038
88-06-2	2,4,6-Trichlorophenol	0.15	U	0.15	0.048
120-83-2	2,4-Dichlorophenol	0.15	U	0.15	0.024
105-67-9	2,4-Dimethylphenol	0.37	U	0.37	0.045
51-28-5	2,4-Dinitrophenol	0.30	U	0.30	0.18
121-14-2	2,4-Dinitrotoluene	0.076	U	0.076	0.040
606-20-2	2,6-Dinitrotoluene	0.076	U	0.076	0.027
91-58-7	2-Chloronaphthalene	0.37	U	0.37	0.017
95-57-8	2-Chlorophenol	0.37	U	0.37	0.013
91-57-6	2-Methylnaphthalene	0.37	U	0.37	0.010
95-48-7	2-Methylphenol	0.37	U	0.37	0.014
88-74-4	2-Nitroaniline	0.37	U	0.37	0.028
88-75-5	2-Nitrophenol	0.37	U	0.37	0.037
91-94-1	3,3'-Dichlorobenzidine	0.15	U	0.15	0.056
99-09-2	3-Nitroaniline	0.37	U	0.37	0.089
534-52-1	4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15
101-55-3	4-Bromophenyl phenyl ether	0.37	U	0.37	0.015
59-50-7	4-Chloro-3-methylphenol	0.37	U	0.37	0.021
106-47-8	4-Chloroaniline	0.37	U	0.37	0.066
7005-72-3	4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013
106-44-5	4-Methylphenol	0.37	U	0.37	0.023
100-01-6	4-Nitroaniline	0.37	U	0.37	0.043
100-02-7	4-Nitrophenol	0.76	U	0.76	0.061
83-32-9	Acenaphthene	0.37	U	0.37	0.011
208-96-8	Acenaphthylene	0.37	U	0.37	0.011
98-86-2	Acetophenone	0.37	U	0.37	0.018
120-12-7	Anthracene	0.37	U	0.37	0.011

MT 8/11/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-E(22-24) Lab Sample ID: 460-261270-7

Matrix: Solid Lab File ID: L352410.d

Analysis Method: 8270E Date Collected: 07/01/2022 13:15

Extract. Method: 3546 Date Extracted: 07/05/2022 21:06

Sample wt/vol: 15.01(g) Date Analyzed: 07/06/2022 12:16

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 11.6 % Solids: 88.4 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 853746 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.15	U	0.15	0.022
100-52-7	Benzaldehyde	0.37	U	0.37	0.062
56-55-3	Benzo[a]anthracene	0.037	U	0.037	0.013
50-32-8	Benzo[a]pyrene	0.037	U	0.037	0.010
205-99-2	Benzo[b]fluoranthene	0.037	U	0.037	0.0097
191-24-2	Benzo[g,h,i]perylene	0.37	U	0.37	0.011
207-08-9	Benzo[k]fluoranthene	0.037	U	0.037	0.0073
111-91-1	Bis(2-chloroethoxy)methane	0.37	U	0.37	0.029
111-44-4	Bis(2-chloroethyl)ether	0.037	U	0.037	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020
85-68-7	Butyl benzyl phthalate	0.37	U	0.37	0.018
105-60-2	Caprolactam	0.37	U	0.37	0.058
86-74-8	Carbazole	0.37	U	0.37	0.014
218-01-9	Chrysene	0.37	U	0.37	0.0063
53-70-3	Dibenz(a,h)anthracene	0.037	U	0.037	0.016
132-64-9	Dibenzofuran	0.37	U	0.37	0.012
84-66-2	Diethyl phthalate	0.37	U	0.37	0.012
131-11-3	Dimethyl phthalate	0.37	U	0.37	0.085
84-74-2	Di-n-butyl phthalate	0.37	U	0.37	0.014
117-84-0	Di-n-octyl phthalate	0.37	U	0.37	0.020
206-44-0	Fluoranthene	0.37	U	0.37	0.013
86-73-7	Fluorene	0.37	U	0.37	0.011
118-74-1	Hexachlorobenzene	0.037	U	0.037	0.018
87-68-3	Hexachlorobutadiene	0.076	U	0.076	0.0080
77-47-4	Hexachlorocyclopentadiene	0.37	U	0.37	0.033
67-72-1	Hexachloroethane	0.037	U	0.037	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.015
78-59-1	Isophorone	0.15	U	0.15	0.11
91-20-3	Naphthalene	0.37	U	0.37	0.0065
98-95-3	Nitrobenzene	0.037	U	0.037	0.021
621-64-7	N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027
86-30-6	N-Nitrosodiphenylamine	0.37	U	0.37	0.031

MT 8/11/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

31

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19-E(22-24) | Lab Sample ID: 460-261270-7

Matrix: Solid | Lab File ID: L352410.d

Analysis Method: 8270E | Date Collected: 07/01/2022 13:15

Extract. Method: 3546 | Date Extracted: 07/05/2022 21:06

Sample wt/vol: 15.01(g) | Date Analyzed: 07/06/2022 12:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 11.6 % Solids: 88.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 853746 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.30	U	0.30	0.077
85-01-8	Phenanthrene	0.37	U	0.37	0.0066
108-95-2	Phenol	0.37	U	0.37	0.014
129-00-0	Pyrene	0.37	U	0.37	0.0093

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	85		10-123
321-60-8	2-Fluorobiphenyl	86		22-122
367-12-4	2-Fluorophenol (Surr)	67		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	84		16-125
4165-62-2	Phenol-d5 (Surr)	79		23-120
1718-51-0	Terphenyl-d14 (Surr)	94		25-126

MM 8/1/22

11

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-01 | Lab Sample ID: 460-260931-11

Matrix: Water | Lab File ID: 272386.D

Analysis Method: 8270E SIM ID | Date Collected: 06/27/2022 14:05

Extract. Method: 3510C | Date Extracted: 06/30/2022 10:07

Sample wt/vol: 250(mL) | Date Analyzed: 06/30/2022 20:20

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 853029 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.20	U	0.20	0.072

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	26		10-150

MT 8/11/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-02 | Lab Sample ID: 460-260996-3

Matrix: Water | Lab File ID: 272387.D

Analysis Method: 8270E SIM ID | Date Collected: 06/28/2022 10:45

Extract. Method: 3510C | Date Extracted: 06/30/2022 10:07

Sample wt/vol: 250(mL) | Date Analyzed: 06/30/2022 20:47

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 853029 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.20	U	0.20	0.072

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	26		10-150

MM 8/1/22

24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1
SDG No.:
Client Sample ID: TRC-EB-03 | Lab Sample ID: 460-261082-4
Matrix: Water | Lab File ID: 272459.D
Analysis Method: 8270E SIM ID | Date Collected: 06/29/2022 12:05
Extract. Method: 3510C | Date Extracted: 07/03/2022 06:56
Sample wt/vol: 250(mL) | Date Analyzed: 07/03/2022 14:34
Con. Extract Vol.: 2(mL) | Dilution Factor: 1
Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: % Solids: | GPC Cleanup:(Y/N) N
Cleanup Factor: | Level: (low/med) Low
Analysis Batch No.: 853464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.20	U	0.20	0.072

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	21		10-150

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-04 | Lab Sample ID: 460-261270-6

Matrix: Water | Lab File ID: 272478.D

Analysis Method: 8270E SIM ID | Date Collected: 07/01/2022 13:00

Extract. Method: 3510C | Date Extracted: 07/07/2022 07:53

Sample wt/vol: 250(mL) | Date Analyzed: 07/10/2022 14:07

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 854520 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.20	U	0.20	0.072

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	37		10-150

MT 8/11/22

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-20 (1-4) | Lab Sample ID: 460-260931-1

Matrix: Solid | Lab File ID: 12F0039152.D

Analysis Method: 8081B | Date Collected: 06/27/2022 09:05

Extraction Method: 3546 | Date Extracted: 06/29/2022 17:13

Sample wt/vol: 15.08(g) | Date Analyzed: 06/30/2022 10:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 7.4 % Solids: 92.6 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852869 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0072	U	0.0072	0.0012
72-55-9	4,4'-DDE	0.0072	U	0.0072	0.00085
50-29-3	4,4'-DDT	0.0072	U	0.0072	0.0013
309-00-2	Aldrin	0.0072	U	0.0072	0.0011
319-84-6	alpha-BHC	0.0021	U	0.0021	0.00073
319-85-7	beta-BHC	0.0021	U	0.0021	0.00081
12789-03-6	Chlordane (technical)	0.072	U	0.072	0.017
319-86-8	delta-BHC	0.0021	U	0.0021	0.00044
60-57-1	Dieldrin	0.0021	U	0.0021	0.00093
959-98-8	Endosulfan I	0.0072	U	0.0072	0.0011
33213-65-9	Endosulfan II	0.0072	U	0.0072	0.0018
1031-07-8	Endosulfan sulfate	0.0072	U	0.0072	0.00090
72-20-8	Endrin	0.0072	U	0.0072	0.0010
7421-93-4	Endrin aldehyde	0.0072	U	0.0072	0.0017
53494-70-5	Endrin ketone	0.0072	U	0.0072	0.0014
58-89-9	gamma-BHC (Lindane)	0.0021	U	0.0021	0.00067
76-44-8	Heptachlor	0.0072	U	0.0072	0.00085
1024-57-3	Heptachlor epoxide	0.0072	U	0.0072	0.0011
72-43-5	Methoxychlor	0.0072	U	0.0072	0.0016
8001-35-2	Toxaphene	0.072	U	0.072	0.026

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	72		43-150
877-09-8	Tetrachloro-m-xylene	65		26-137

MT 8/1/22

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-20 (12-15) Lab Sample ID: 460-260931-2

Matrix: Solid Lab File ID: 12F0039153.D

Analysis Method: 8081B Date Collected: 06/27/2022 09:10

Extraction Method: 3546 Date Extracted: 06/29/2022 17:13

Sample wt/vol: 15.01(g) Date Analyzed: 06/30/2022 10:12

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 15.6 % Solids: 84.4 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852869 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0079	U	0.0079	0.0014
72-55-9	4,4'-DDE	0.0079	U	0.0079	0.00094
50-29-3	4,4'-DDT	0.0079	U	0.0079	0.0015
309-00-2	Aldrin	0.0079	U	0.0079	0.0012
319-84-6	alpha-BHC	0.0024	U	0.0024	0.00081
319-85-7	beta-BHC	0.0024	U	0.0024	0.00089
12789-03-6	Chlordane (technical)	0.079	U	0.079	0.019
319-86-8	delta-BHC	0.0024	U	0.0024	0.00049
60-57-1	Dieldrin	0.0024	U	0.0024	0.0010
959-98-8	Endosulfan I	0.0079	U	0.0079	0.0012
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.0020
1031-07-8	Endosulfan sulfate	0.0079	U	0.0079	0.00099
72-20-8	Endrin	0.0079	U	0.0079	0.0011
7421-93-4	Endrin aldehyde	0.0079	U	0.0079	0.0019
53494-70-5	Endrin ketone	0.0079	U	0.0079	0.0015
58-89-9	gamma-BHC (Lindane)	0.0024	U	0.0024	0.00073
76-44-8	Heptachlor	0.0079	U	0.0079	0.00094
1024-57-3	Heptachlor epoxide	0.0079	U	0.0079	0.0012
72-43-5	Methoxychlor	0.0079	U	0.0079	0.0018
8001-35-2	Toxaphene	0.079	U	0.079	0.029

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	81		43-150
877-09-8	Tetrachloro-m-xylene	75		26-137

MT 8/1/22

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19 (1-4) | Lab Sample ID: 460-260931-3

Matrix: Solid | Lab File ID: 12F0039154.D

Analysis Method: 8081B | Date Collected: 06/27/2022 09:45

Extraction Method: 3546 | Date Extracted: 06/29/2022 17:13

Sample wt/vol: 15.07(g) | Date Analyzed: 06/30/2022 10:25

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 7.3 % Solids: 92.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852869 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0072	U	0.0072	0.0012
72-55-9	4,4'-DDE	0.0072	U	0.0072	0.00085
50-29-3	4,4'-DDT	0.0072	U	0.0072	0.0013
309-00-2	Aldrin	0.0072	U	0.0072	0.0011
319-84-6	alpha-BHC	0.0021	U	0.0021	0.00073
319-85-7	beta-BHC	0.0021	U	0.0021	0.00081
12789-03-6	Chlordane (technical)	0.072	U	0.072	0.017
319-86-8	delta-BHC	0.0021	U	0.0021	0.00044
60-57-1	Dieldrin	0.0021	U	0.0021	0.00093
959-98-8	Endosulfan I	0.0072	U	0.0072	0.0011
33213-65-9	Endosulfan II	0.0072	U	0.0072	0.0018
1031-07-8	Endosulfan sulfate	0.0072	U	0.0072	0.00090
72-20-8	Endrin	0.0072	U	0.0072	0.0010
7421-93-4	Endrin aldehyde	0.0072	U	0.0072	0.0017
53494-70-5	Endrin ketone	0.0072	U	0.0072	0.0014
58-89-9	gamma-BHC (Lindane)	0.0021	U	0.0021	0.00067
76-44-8	Heptachlor	0.0072	U	0.0072	0.00085
1024-57-3	Heptachlor epoxide	0.0072	U	0.0072	0.0011
72-43-5	Methoxychlor	0.0072	U	0.0072	0.0016
8001-35-2	Toxaphene	0.072	U	0.072	0.026

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	130		43-150
877-09-8	Tetrachloro-m-xylene	77		26-137

MM 8/4/22

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19 (12-15) | Lab Sample ID: 460-260931-4

Matrix: Solid | Lab File ID: 12F0039155.D

Analysis Method: 8081B | Date Collected: 06/27/2022 09:55

Extraction Method: 3546 | Date Extracted: 06/29/2022 17:13

Sample wt/vol: 15.05(g) | Date Analyzed: 06/30/2022 10:37

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 14.4 % Solids: 85.6 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852869 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0078	U	0.0078	0.0013
72-55-9	4,4'-DDE	0.0078	U	0.0078	0.00092
50-29-3	4,4'-DDT	0.0078	U	0.0078	0.0014
309-00-2	Aldrin	0.0078	U	0.0078	0.0012
319-84-6	alpha-BHC	0.0023	U	0.0023	0.00079
319-85-7	beta-BHC	0.0023	U	0.0023	0.00087
12789-03-6	Chlordane (technical)	0.078	U	0.078	0.019
319-86-8	delta-BHC	0.0023	U	0.0023	0.00048
60-57-1	Dieldrin	0.0023	U	0.0023	0.0010
959-98-8	Endosulfan I	0.0078	U	0.0078	0.0012
33213-65-9	Endosulfan II	0.0078	U	0.0078	0.0020
1031-07-8	Endosulfan sulfate	0.0078	U	0.0078	0.00098
72-20-8	Endrin	0.0078	U	0.0078	0.0011
7421-93-4	Endrin aldehyde	0.0078	U	0.0078	0.0018
53494-70-5	Endrin ketone	0.0078	U	0.0078	0.0015
58-89-9	gamma-BHC (Lindane)	0.0023	U	0.0023	0.00072
76-44-8	Heptachlor	0.0078	U	0.0078	0.00092
1024-57-3	Heptachlor epoxide	0.0078	U	0.0078	0.0012
72-43-5	Methoxychlor	0.0078	U	0.0078	0.0018
8001-35-2	Toxaphene	0.078	U	0.078	0.028

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	82		43-150
877-09-8	Tetrachloro-m-xylene	74		26-137

MT 8/Wm

5

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19 (22.5-24.5) | Lab Sample ID: 460-260931-5

Matrix: Solid | Lab File ID: 12F0039156.D

Analysis Method: 8081B | Date Collected: 06/27/2022 11:11

Extraction Method: 3546 | Date Extracted: 06/29/2022 17:13

Sample wt/vol: 15.06(g) | Date Analyzed: 06/30/2022 10:49

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 8.9 % Solids: 91.1 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852869 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0073	U	0.0073	0.0012
72-55-9	4,4'-DDE	0.0073	U	0.0073	0.00086
50-29-3	4,4'-DDT	0.0073	U	0.0073	0.0013
309-00-2	Aldrin	0.0073	U	0.0073	0.0011
319-84-6	alpha-BHC	0.0022	U	0.0022	0.00074
319-85-7	beta-BHC	0.0022	U	0.0022	0.00082
12789-03-6	Chlordane (technical)	0.073	U	0.073	0.018
319-86-8	delta-BHC	0.0022	U	0.0022	0.00045
60-57-1	Dieldrin	0.0022	U	0.0022	0.00095
959-98-8	Endosulfan I	0.0073	U	0.0073	0.0011
33213-65-9	Endosulfan II	0.0073	U	0.0073	0.0019
1031-07-8	Endosulfan sulfate	0.0073	U	0.0073	0.00092
72-20-8	Endrin	0.0073	U	0.0073	0.0011
7421-93-4	Endrin aldehyde	0.0073	U	0.0073	0.0017
53494-70-5	Endrin ketone	0.0073	U	0.0073	0.0014
58-89-9	gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068
76-44-8	Heptachlor	0.0073	U	0.0073	0.00086
1024-57-3	Heptachlor epoxide	0.0073	U	0.0073	0.0011
72-43-5	Methoxychlor	0.0073	U	0.0073	0.0017
8001-35-2	Toxaphene	0.073	U	0.073	0.026

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		43-150
877-09-8	Tetrachloro-m-xylene	82		26-137

MT 8/1/22

6

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-18 (1-4) | Lab Sample ID: 460-260931-6

Matrix: Solid | Lab File ID: 12F0039157.D

Analysis Method: 8081B | Date Collected: 06/27/2022 12:00

Extraction Method: 3546 | Date Extracted: 06/29/2022 17:13

Sample wt/vol: 15.02(g) | Date Analyzed: 06/30/2022 11:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 9.0 % Solids: 91.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852869 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0074	U	0.0074	0.0013
72-55-9	4,4'-DDE	0.0074	U	0.0074	0.00087
50-29-3	4,4'-DDT	0.0074	U	0.0074	0.0014
309-00-2	Aldrin	0.0074	U	0.0074	0.0011
319-84-6	alpha-BHC	0.0022	U	0.0022	0.00075
319-85-7	beta-BHC	0.0022	U	0.0022	0.00082
12789-03-6	Chlordane (technical)	0.074	U	0.074	0.018
319-86-8	delta-BHC	0.0022	U	0.0022	0.00045
60-57-1	Dieldrin	0.0022	U	0.0022	0.00096
959-98-8	Endosulfan I	0.0074	U	0.0074	0.0011
33213-65-9	Endosulfan II	0.0074	U	0.0074	0.0019
1031-07-8	Endosulfan sulfate	0.0074	U	0.0074	0.00092
72-20-8	Endrin	0.0074	U	0.0074	0.0011
7421-93-4	Endrin aldehyde	0.0074	U	0.0074	0.0017
53494-70-5	Endrin ketone	0.0074	U	0.0074	0.0014
58-89-9	gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068
76-44-8	Heptachlor	0.0074	U	0.0074	0.00087
1024-57-3	Heptachlor epoxide	0.0074	U	0.0074	0.0011
72-43-5	Methoxychlor	0.0074	U	0.0074	0.0017
8001-35-2	Toxaphene	0.074	U	0.074	0.027

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		43-150
877-09-8	Tetrachloro-m-xylene	81		26-137

MT 8/1/22

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-18 (12-15) Lab Sample ID: 460-260931-7

Matrix: Solid Lab File ID: 12F0039158.D

Analysis Method: 8081B Date Collected: 06/27/2022 12:05

Extraction Method: 3546 Date Extracted: 06/29/2022 17:13

Sample wt/vol: 15.03(g) Date Analyzed: 06/30/2022 11:14

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 17.1 % Solids: 82.9 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852869 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0081	U	0.0081	0.0014
72-55-9	4,4'-DDE	0.0081	U	0.0081	0.00095
50-29-3	4,4'-DDT	0.0081	U	0.0081	0.0015
309-00-2	Aldrin	0.0081	U	0.0081	0.0012
319-84-6	alpha-BHC	0.0024	U	0.0024	0.00082
319-85-7	beta-BHC	0.0024	U	0.0024	0.00090
12789-03-6	Chlordane (technical)	0.081	U	0.081	0.019
319-86-8	delta-BHC	0.0024	U	0.0024	0.00049
60-57-1	Dieldrin	0.0024	U	0.0024	0.0010
959-98-8	Endosulfan I	0.0081	U	0.0081	0.0012
33213-65-9	Endosulfan II	0.0081	U	0.0081	0.0021
1031-07-8	Endosulfan sulfate	0.0081	U	0.0081	0.0010
72-20-8	Endrin	0.0081	U	0.0081	0.0012
7421-93-4	Endrin aldehyde	0.0081	U	0.0081	0.0019
53494-70-5	Endrin ketone	0.0081	U	0.0081	0.0016
58-89-9	gamma-BHC (Lindane)	0.0024	U	0.0024	0.00075
76-44-8	Heptachlor	0.0081	U	0.0081	0.00095
1024-57-3	Heptachlor epoxide	0.0081	U	0.0081	0.0012
72-43-5	Methoxychlor	0.0081	U	0.0081	0.0018
8001-35-2	Toxaphene	0.081	U	0.081	0.029

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		43-150
877-09-8	Tetrachloro-m-xylene	85		26-137

MT 8/1/22

8

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-DUP-01 Lab Sample ID: 460-260931-8

Matrix: Solid Lab File ID: 12F0039159.D

Analysis Method: 8081B Date Collected: 06/27/2022 12:10

Extraction Method: 3546 Date Extracted: 06/29/2022 17:13

Sample wt/vol: 15.01(g) Date Analyzed: 06/30/2022 11:26

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 17.6 % Solids: 82.4 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852869 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0081	U	0.0081	0.0014
72-55-9	4,4'-DDE	0.0081	U	0.0081	0.00096
50-29-3	4,4'-DDT	0.0081	U	0.0081	0.0015
309-00-2	Aldrin	0.0081	U	0.0081	0.0012
319-84-6	alpha-BHC	0.0024	U	0.0024	0.00082
319-85-7	beta-BHC	0.0024	U	0.0024	0.00091
12789-03-6	Chlordane (technical)	0.081	U	0.081	0.020
319-86-8	delta-BHC	0.0024	U	0.0024	0.00050
60-57-1	Dieldrin	0.0024	U	0.0024	0.0011
959-98-8	Endosulfan I	0.0081	U	0.0081	0.0012
33213-65-9	Endosulfan II	0.0081	U	0.0081	0.0021
1031-07-8	Endosulfan sulfate	0.0081	U	0.0081	0.0010
72-20-8	Endrin	0.0081	U	0.0081	0.0012
7421-93-4	Endrin aldehyde	0.0081	U	0.0081	0.0019
53494-70-5	Endrin ketone	0.0081	U	0.0081	0.0016
58-89-9	gamma-BHC (Lindane)	0.0024	U	0.0024	0.00075
76-44-8	Heptachlor	0.0081	U	0.0081	0.00096
1024-57-3	Heptachlor epoxide	0.0081	U	0.0081	0.0012
72-43-5	Methoxychlor	0.0081	U	0.0081	0.0019
8001-35-2	Toxaphene	0.081	U	0.081	0.029

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	90		43-150
877-09-8	Tetrachloro-m-xylene	81		26-137

MM 8/1/22

9

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-13 (1-4) | Lab Sample ID: 460-260931-9

Matrix: Solid | Lab File ID: 12F0039169.D

Analysis Method: 8081B | Date Collected: 06/27/2022 13:05

Extraction Method: 3546 | Date Extracted: 06/29/2022 17:13

Sample wt/vol: 15.05(g) | Date Analyzed: 06/30/2022 17:42

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 11.0 % Solids: 89.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852987 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0075	U	0.0075	0.0013
72-55-9	4,4'-DDE	0.0075	U	0.0075	0.00088
50-29-3	4,4'-DDT	0.0075	U	0.0075	0.0014
309-00-2	Aldrin	0.0075	U	0.0075	0.0011
319-84-6	alpha-BHC	0.0022	U	0.0022	0.00076
319-85-7	beta-BHC	0.0022	U	0.0022	0.00084
12789-03-6	Chlordane (technical)	0.075	U	0.075	0.018
319-86-8	delta-BHC	0.0022	U	0.0022	0.00046
60-57-1	Dieldrin	0.0022	U	0.0022	0.00097
959-98-8	Endosulfan I	0.0075	U	0.0075	0.0011
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.0019
1031-07-8	Endosulfan sulfate	0.0075	U	0.0075	0.00094
72-20-8	Endrin	0.0075	U	0.0075	0.0011
7421-93-4	Endrin aldehyde	0.0075	U	0.0075	0.0018
53494-70-5	Endrin ketone	0.0075	U	0.0075	0.0015
58-89-9	gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069
76-44-8	Heptachlor	0.0075	U	0.0075	0.00088
1024-57-3	Heptachlor epoxide	0.0075	U	0.0075	0.0011
72-43-5	Methoxychlor	0.0075	U	0.0075	0.0017
8001-35-2	Toxaphene	0.075	U	0.075	0.027

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		43-150
877-09-8	Tetrachloro-m-xylene	86		26-137

MM 8/1/22

10

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-12 (1-4) | Lab Sample ID: 460-260931-10

Matrix: Solid | Lab File ID: 12F0039170.D

Analysis Method: 8081B | Date Collected: 06/27/2022 13:20

Extraction Method: 3546 | Date Extracted: 06/29/2022 17:13

Sample wt/vol: 15.09(g) | Date Analyzed: 06/30/2022 17:54

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 5.9 % Solids: 94.1 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852987 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0071	U	0.0071	0.0012
72-55-9	4,4'-DDE	0.0071	U	0.0071	0.00083
50-29-3	4,4'-DDT	0.0071	U	0.0071	0.0013
309-00-2	Aldrin	0.0071	U	0.0071	0.0011
319-84-6	alpha-BHC	0.0021	U	0.0021	0.00072
319-85-7	beta-BHC	0.0021	U	0.0021	0.00079
12789-03-6	Chlordane (technical)	0.071	U	0.071	0.017
319-86-8	delta-BHC	0.0021	U	0.0021	0.00043
60-57-1	Dieldrin	0.0021	U	0.0021	0.00092
959-98-8	Endosulfan I	0.0071	U	0.0071	0.0011
33213-65-9	Endosulfan II	0.0071	U	0.0071	0.0018
1031-07-8	Endosulfan sulfate	0.0071	U	0.0071	0.00089
72-20-8	Endrin	0.0071	U	0.0071	0.0010
7421-93-4	Endrin aldehyde	0.0071	U	0.0071	0.0017
53494-70-5	Endrin ketone	0.0071	U	0.0071	0.0014
58-89-9	gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065
76-44-8	Heptachlor	0.0071	U	0.0071	0.00083
1024-57-3	Heptachlor epoxide	0.0071	U	0.0071	0.0011
72-43-5	Methoxychlor	0.0071	U	0.0071	0.0016
8001-35-2	Toxaphene	0.071	U	0.071	0.026

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		43-150
877-09-8	Tetrachloro-m-xylene	85		26-137

MT 8/Wn

11

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-01 | Lab Sample ID: 460-260931-11

Matrix: Water | Lab File ID: 12F0039125.D

Analysis Method: 8081B | Date Collected: 06/27/2022 14:05

Extraction Method: 3510C | Date Extracted: 06/29/2022 09:15

Sample wt/vol: 250(mL) | Date Analyzed: 06/29/2022 20:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852757 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.020	U	0.020	0.0060
72-55-9	4,4'-DDE	0.020	U	0.020	0.0020
50-29-3	4,4'-DDT	0.020	U	0.020	0.0040
309-00-2	Aldrin	0.020	U	0.020	0.0030
319-84-6	alpha-BHC	0.020	U	0.020	0.0070
319-85-7	beta-BHC	0.020	U	0.020	0.015
12789-03-6	Chlordane (technical)	0.50	U	0.50	0.055
319-86-8	delta-BHC	0.020	U	0.020	0.0050
60-57-1	Dieldrin	0.020	U	0.020	0.0030
959-98-8	Endosulfan I	0.020	U	0.020	0.0020
33213-65-9	Endosulfan II	0.020	U	0.020	0.0040
1031-07-8	Endosulfan sulfate	0.020	U	0.020	0.0060
72-20-8	Endrin	0.020	U	0.020	0.0040
7421-93-4	Endrin aldehyde	0.020	U	0.020	0.0080
53494-70-5	Endrin ketone	0.020	U	0.020	0.0080
58-89-9	gamma-BHC (Lindane)	0.020	U	0.020	0.012
76-44-8	Heptachlor	0.020	U	0.020	0.0030
1024-57-3	Heptachlor epoxide	0.020	U	0.020	0.0050
72-43-5	Methoxychlor	0.020	U	0.020	0.0040
8001-35-2	Toxaphene	0.50	U	0.50	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	69		15-121
877-09-8	Tetrachloro-m-xylene	65		17-120

MT 8/Wn

12

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-N (20.5-22.5) Lab Sample ID: 460-260931-12

Matrix: Solid Lab File ID: 12F0039171.D

Analysis Method: 8081B Date Collected: 06/27/2022 14:40

Extraction Method: 3546 Date Extracted: 06/29/2022 17:13

Sample wt/vol: 15.01(g) Date Analyzed: 06/30/2022 18:07

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 6.1 % Solids: 93.9 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852987 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0071	U	0.0071	0.0012
72-55-9	4,4'-DDE	0.0071	U	0.0071	0.00084
50-29-3	4,4'-DDT	0.0071	U	0.0071	0.0013
309-00-2	Aldrin	0.0071	U	0.0071	0.0011
319-84-6	alpha-BHC	0.0021	U	0.0021	0.00072
319-85-7	beta-BHC	0.0021	U	0.0021	0.00080
12789-03-6	Chlordane (technical)	0.071	U	0.071	0.017
319-86-8	delta-BHC	0.0021	U	0.0021	0.00044
60-57-1	Dieldrin	0.0021	U	0.0021	0.00093
959-98-8	Endosulfan I	0.0071	U	0.0071	0.0011
33213-65-9	Endosulfan II	0.0071	U	0.0071	0.0018
1031-07-8	Endosulfan sulfate	0.0071	U	0.0071	0.00089
72-20-8	Endrin	0.0071	U	0.0071	0.0010
7421-93-4	Endrin aldehyde	0.0071	U	0.0071	0.0017
53494-70-5	Endrin ketone	0.0071	U	0.0071	0.0014
58-89-9	gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066
76-44-8	Heptachlor	0.0071	U	0.0071	0.00084
1024-57-3	Heptachlor epoxide	0.0071	U	0.0071	0.0011
72-43-5	Methoxychlor	0.0071	U	0.0071	0.0016
8001-35-2	Toxaphene	0.071	U	0.071	0.026

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		43-150
877-09-8	Tetrachloro-m-xylene	87		26-137

MM 8/1/22

13

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-N (13-15) | Lab Sample ID: 460-260931-13

Matrix: Solid | Lab File ID: 12F0039172.D

Analysis Method: 8081B | Date Collected: 06/27/2022 15:00

Extraction Method: 3546 | Date Extracted: 06/29/2022 17:13

Sample wt/vol: 15.05(g) | Date Analyzed: 06/30/2022 18:19

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 4.6 % Solids: 95.4 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852987 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0070	U	0.0070	0.0012
72-55-9	4,4'-DDE	0.0070	U	0.0070	0.00083
50-29-3	4,4'-DDT	0.0070	U	0.0070	0.0013
309-00-2	Aldrin	0.0070	U	0.0070	0.0011
319-84-6	alpha-BHC	0.0021	U	0.0021	0.00071
319-85-7	beta-BHC	0.0021	U	0.0021	0.00078
12789-03-6	Chlordane (technical)	0.070	U	0.070	0.017
319-86-8	delta-BHC	0.0021	U	0.0021	0.00043
60-57-1	Dieldrin	0.0021	U	0.0021	0.00091
959-98-8	Endosulfan I	0.0070	U	0.0070	0.0011
33213-65-9	Endosulfan II	0.0070	U	0.0070	0.0018
1031-07-8	Endosulfan sulfate	0.0070	U	0.0070	0.00088
72-20-8	Endrin	0.0070	U	0.0070	0.0010
7421-93-4	Endrin aldehyde	0.0070	U	0.0070	0.0017
53494-70-5	Endrin ketone	0.0070	U	0.0070	0.0014
58-89-9	gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065
76-44-8	Heptachlor	0.0070	U	0.0070	0.00083
1024-57-3	Heptachlor epoxide	0.0070	U	0.0070	0.0010
72-43-5	Methoxychlor	0.0070	U	0.0070	0.0016
8001-35-2	Toxaphene	0.070	U	0.070	0.025

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	73		43-150
877-09-8	Tetrachloro-m-xylene	75		26-137

MT 8/1/22

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-N (1-4) | Lab Sample ID: 460-260931-14

Matrix: Solid | Lab File ID: 12F0039173.D

Analysis Method: 8081B | Date Collected: 06/27/2022 15:05

Extraction Method: 3546 | Date Extracted: 06/29/2022 17:13

Sample wt/vol: 15.02(g) | Date Analyzed: 06/30/2022 18:32

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 10.7 % Solids: 89.3 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852987 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0075	U	0.0075	0.0013
72-55-9	4,4'-DDE	0.0075	U	0.0075	0.00088
50-29-3	4,4'-DDT	0.0075	U	0.0075	0.0014
309-00-2	Aldrin	0.0075	U	0.0075	0.0011
319-84-6	alpha-BHC	0.0022	U	0.0022	0.00076
319-85-7	beta-BHC	0.0022	U	0.0022	0.00084
12789-03-6	Chlordane (technical)	0.075	U	0.075	0.018
319-86-8	delta-BHC	0.0022	U	0.0022	0.00046
60-57-1	Dieldrin	0.0022	U	0.0022	0.00097
959-98-8	Endosulfan I	0.0075	U	0.0075	0.0011
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.0019
1031-07-8	Endosulfan sulfate	0.0075	U	0.0075	0.00094
72-20-8	Endrin	0.0075	U	0.0075	0.0011
7421-93-4	Endrin aldehyde	0.0075	U	0.0075	0.0018
53494-70-5	Endrin ketone	0.0075	U	0.0075	0.0015
58-89-9	gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069
76-44-8	Heptachlor	0.0075	U	0.0075	0.00088
1024-57-3	Heptachlor epoxide	0.0075	U	0.0075	0.0011
72-43-5	Methoxychlor	0.0075	U	0.0075	0.0017
8001-35-2	Toxaphene	0.075	U	0.075	0.027

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	84		43-150
877-09-8	Tetrachloro-m-xylene	89		26-137

15

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-16 (1-3) Lab Sample ID: 460-260996-1

Matrix: Solid Lab File ID: 12F0039174.D

Analysis Method: 8081B Date Collected: 06/28/2022 10:15

Extraction Method: 3546 Date Extracted: 06/29/2022 17:13

Sample wt/vol: 15.04(g) Date Analyzed: 06/30/2022 18:44

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 9.3 % Solids: 90.7 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852987 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0074	U	0.0074	0.0013
72-55-9	4,4'-DDE	0.0074	U	0.0074	0.00087
50-29-3	4,4'-DDT	0.0074	U	0.0074	0.0014
309-00-2	Aldrin	0.0074	U	0.0074	0.0011
319-84-6	alpha-BHC	0.0022	U	0.0022	0.00075
319-85-7	beta-BHC	0.0022	U	0.0022	0.00083
12789-03-6	Chlordane (technical)	0.074	U	0.074	0.018
319-86-8	delta-BHC	0.0022	U	0.0022	0.00045
60-57-1	Dieldrin	0.0022	U	0.0022	0.00096
959-98-8	Endosulfan I	0.0074	U	0.0074	0.0011
33213-65-9	Endosulfan II	0.0074	U	0.0074	0.0019
1031-07-8	Endosulfan sulfate	0.0074	U	0.0074	0.00092
72-20-8	Endrin	0.0074	U	0.0074	0.0011
7421-93-4	Endrin aldehyde	0.0074	U	0.0074	0.0017
53494-70-5	Endrin ketone	0.0074	U	0.0074	0.0014
58-89-9	gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068
76-44-8	Heptachlor	0.0074	U	0.0074	0.00087
1024-57-3	Heptachlor epoxide	0.0074	U	0.0074	0.0011
72-43-5	Methoxychlor	0.0074	U	0.0074	0.0017
8001-35-2	Toxaphene	0.074	U	0.074	0.027

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		43-150
877-09-8	Tetrachloro-m-xylene	86		26-137

MT 8/1/22

16

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-17 (1-2) | Lab Sample ID: 460-260996-2

Matrix: Solid | Lab File ID: 12F0039175.D

Analysis Method: 8081B | Date Collected: 06/28/2022 08:45

Extraction Method: 3546 | Date Extracted: 06/29/2022 17:13

Sample wt/vol: 15.05(g) | Date Analyzed: 06/30/2022 18:56

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 8.1 % Solids: 91.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852987 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0073	U	0.0073	0.0012
72-55-9	4,4'-DDE	0.0073	U	0.0073	0.00086
50-29-3	4,4'-DDT	0.0073	U	0.0073	0.0013
309-00-2	Aldrin	0.0073	U	0.0073	0.0011
319-84-6	alpha-BHC	0.0022	U	0.0022	0.00074
319-85-7	beta-BHC	0.0022	U	0.0022	0.00081
12789-03-6	Chlordane (technical)	0.073	U	0.073	0.018
319-86-8	delta-BHC	0.0022	U	0.0022	0.00044
60-57-1	Dieldrin	0.0022	U	0.0022	0.00094
959-98-8	Endosulfan I	0.0073	U	0.0073	0.0011
33213-65-9	Endosulfan II	0.0073	U	0.0073	0.0019
1031-07-8	Endosulfan sulfate	0.0073	U	0.0073	0.00091
72-20-8	Endrin	0.0073	U	0.0073	0.0010
7421-93-4	Endrin aldehyde	0.0073	U	0.0073	0.0017
53494-70-5	Endrin ketone	0.0073	U	0.0073	0.0014
58-89-9	gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067
76-44-8	Heptachlor	0.0073	U	0.0073	0.00086
1024-57-3	Heptachlor epoxide	0.0073	U	0.0073	0.0011
72-43-5	Methoxychlor	0.0073	U	0.0073	0.0017
8001-35-2	Toxaphene	0.073	U	0.073	0.026

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	83		43-150
877-09-8	Tetrachloro-m-xylene	84		26-137

MT 8/Wn

17

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-02 Lab Sample ID: 460-260996-3

Matrix: Water Lab File ID: 4F0005769.D

Analysis Method: 8081B Date Collected: 06/28/2022 10:45

Extraction Method: 3510C Date Extracted: 06/30/2022 09:26

Sample wt/vol: 250(mL) Date Analyzed: 06/30/2022 21:47

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852990 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.020	U	0.020	0.0060
72-55-9	4,4'-DDE	0.020	U	0.020	0.0020
50-29-3	4,4'-DDT	0.020	U	0.020	0.0040
309-00-2	Aldrin	0.020	U	0.020	0.0030
319-84-6	alpha-BHC	0.020	U	0.020	0.0070
319-85-7	beta-BHC	0.020	U	0.020	0.015
12789-03-6	Chlordane (technical)	0.50	U	0.50	0.055
319-86-8	delta-BHC	0.020	U	0.020	0.0050
60-57-1	Dieldrin	0.020	U	0.020	0.0030
959-98-8	Endosulfan I	0.020	U	0.020	0.0020
33213-65-9	Endosulfan II	0.020	U	0.020	0.0040
1031-07-8	Endosulfan sulfate	0.020	U	0.020	0.0060
72-20-8	Endrin	0.020	U	0.020	0.0040
7421-93-4	Endrin aldehyde	0.020	U	0.020	0.0080
53494-70-5	Endrin ketone	0.020	U	0.020	0.0080
58-89-9	gamma-BHC (Lindane)	0.020	U	0.020	0.012
76-44-8	Heptachlor	0.020	U	0.020	0.0030
1024-57-3	Heptachlor epoxide	0.020	U	0.020	0.0050
72-43-5	Methoxychlor	0.020	U	0.020	0.0040
8001-35-2	Toxaphene	0.50	U	0.50	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	80		15-121
877-09-8	Tetrachloro-m-xylene	67		17-120

MT 8/10/22

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

18

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-W (1-4) | Lab Sample ID: 460-260996-4

Matrix: Solid | Lab File ID: 12F0039176.D

Analysis Method: 8081B | Date Collected: 06/28/2022 11:50

Extraction Method: 3546 | Date Extracted: 06/29/2022 17:13

Sample wt/vol: 15.06(g) | Date Analyzed: 06/30/2022 19:08

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 9.1 % Solids: 90.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852987 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0073	U	0.0073	0.0012
72-55-9	4,4'-DDE	0.0073	U	0.0073	0.00087
50-29-3	4,4'-DDT	0.0073	U	0.0073	0.0013
309-00-2	Aldrin	0.0073	U	0.0073	0.0011
319-84-6	alpha-BHC	0.0022	U	0.0022	0.00075
319-85-7	beta-BHC	0.0022	U	0.0022	0.00082
12789-03-6	Chlordane (technical)	0.073	U	0.073	0.018
319-86-8	delta-BHC	0.0022	U	0.0022	0.00045
60-57-1	Dieldrin	0.0022	U	0.0022	0.00095
959-98-8	Endosulfan I	0.0073	U	0.0073	0.0011
33213-65-9	Endosulfan II	0.0073	U	0.0073	0.0019
1031-07-8	Endosulfan sulfate	0.0073	U	0.0073	0.00092
72-20-8	Endrin	0.0073	U	0.0073	0.0011
7421-93-4	Endrin aldehyde	0.0073	U	0.0073	0.0017
53494-70-5	Endrin ketone	0.0073	U	0.0073	0.0014
58-89-9	gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068
76-44-8	Heptachlor	0.0073	U	0.0073	0.00087
1024-57-3	Heptachlor epoxide	0.0073	U	0.0073	0.0011
72-43-5	Methoxychlor	0.0073	U	0.0073	0.0017
8001-35-2	Toxaphene	0.073	U	0.073	0.027

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	82		43-150
877-09-8	Tetrachloro-m-xylene	84		26-137

MT 8/1/22

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-W (20-22) | Lab Sample ID: 460-260996-5

Matrix: Solid | Lab File ID: 12F0039177.D

Analysis Method: 8081B | Date Collected: 06/28/2022 12:00

Extraction Method: 3546 | Date Extracted: 06/29/2022 17:13

Sample wt/vol: 15.02(g) | Date Analyzed: 06/30/2022 19:21

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 16.9 % Solids: 83.1 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852987 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0081	U	0.0081	0.0014
72-55-9	4,4'-DDE	0.0081	U	0.0081	0.00095
50-29-3	4,4'-DDT	0.0081	U	0.0081	0.0015
309-00-2	Aldrin	0.0081	U	0.0081	0.0012
319-84-6	alpha-BHC	0.0024	U	0.0024	0.00082
319-85-7	beta-BHC	0.0024	U	0.0024	0.00090
12789-03-6	Chlordane (technical)	0.081	U	0.081	0.019
319-86-8	delta-BHC	0.0024	U	0.0024	0.00049
60-57-1	Dieldrin	0.0024	U	0.0024	0.0010
959-98-8	Endosulfan I	0.0081	U	0.0081	0.0012
33213-65-9	Endosulfan II	0.0081	U	0.0081	0.0021
1031-07-8	Endosulfan sulfate	0.0081	U	0.0081	0.0010
72-20-8	Endrin	0.0081	U	0.0081	0.0012
7421-93-4	Endrin aldehyde	0.0081	U	0.0081	0.0019
53494-70-5	Endrin ketone	0.0081	U	0.0081	0.0016
58-89-9	gamma-BHC (Lindane)	0.0024	U	0.0024	0.00075
76-44-8	Heptachlor	0.0081	U	0.0081	0.00095
1024-57-3	Heptachlor epoxide	0.0081	U	0.0081	0.0012
72-43-5	Methoxychlor	0.0081	U	0.0081	0.0018
8001-35-2	Toxaphene	0.081	U	0.081	0.029

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	82		43-150
877-09-8	Tetrachloro-m-xylene	83		26-137

MT 8/Wn

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

20

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-E (1-3) Lab Sample ID: 460-260996-6

Matrix: Solid Lab File ID: 12F0039178.D

Analysis Method: 8081B Date Collected: 06/28/2022 13:40

Extraction Method: 3546 Date Extracted: 06/29/2022 17:13

Sample wt/vol: 15.01(g) Date Analyzed: 06/30/2022 19:33

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 6.5 % Solids: 93.5 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852987 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0072	U	0.0072	0.0012
72-55-9	4,4'-DDE	0.0072	U	0.0072	0.00084
50-29-3	4,4'-DDT	0.0072	U	0.0072	0.0013
309-00-2	Aldrin	0.0072	U	0.0072	0.0011
319-84-6	alpha-BHC	0.0021	U	0.0021	0.00073
319-85-7	beta-BHC	0.0021	U	0.0021	0.00080
12789-03-6	Chlordane (technical)	0.072	U	0.072	0.017
319-86-8	delta-BHC	0.0021	U	0.0021	0.00044
60-57-1	Dieldrin	0.0021	U	0.0021	0.00093
959-98-8	Endosulfan I	0.0072	U	0.0072	0.0011
33213-65-9	Endosulfan II	0.0072	U	0.0072	0.0018
1031-07-8	Endosulfan sulfate	0.0072	U	0.0072	0.00090
72-20-8	Endrin	0.0072	U	0.0072	0.0010
7421-93-4	Endrin aldehyde	0.0072	U	0.0072	0.0017
53494-70-5	Endrin ketone	0.0072	U	0.0072	0.0014
58-89-9	gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066
76-44-8	Heptachlor	0.0072	U	0.0072	0.00084
1024-57-3	Heptachlor epoxide	0.0072	U	0.0072	0.0011
72-43-5	Methoxychlor	0.0072	U	0.0072	0.0016
8001-35-2	Toxaphene	0.072	U	0.072	0.026

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88		43-150
877-09-8	Tetrachloro-m-xylene	89		26-137

MT 8/11/22

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

21

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-14 (1-4) Lab Sample ID: 460-261082-1

Matrix: Solid Lab File ID: 4F0005877.D

Analysis Method: 8081B Date Collected: 06/29/2022 10:37

Extraction Method: 3546 Date Extracted: 07/02/2022 16:12

Sample wt/vol: 15.00(g) Date Analyzed: 07/05/2022 12:42

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 14.4 % Solids: 85.6 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853523 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0078	U	0.0078	0.0013
72-55-9	4,4'-DDE	0.0078	U	0.0078	0.00092
50-29-3	4,4'-DDT	0.0078	U	0.0078	0.0014
309-00-2	Aldrin	0.0078	U	0.0078	0.0012
319-84-6	alpha-BHC	0.0023	U	0.0023	0.00079
319-85-7	beta-BHC	0.0023	U	0.0023	0.00088
12789-03-6	Chlordane (technical)	0.078	U	0.078	0.019
319-86-8	delta-BHC	0.0023	U	0.0023	0.00048
60-57-1	Dieldrin	0.0023	U	0.0023	0.0010
959-98-8	Endosulfan I	0.0078	U	0.0078	0.0012
33213-65-9	Endosulfan II	0.0078	U	0.0078	0.0020
1031-07-8	Endosulfan sulfate	0.0078	U	0.0078	0.00098
72-20-8	Endrin	0.0078	U	0.0078	0.0011
7421-93-4	Endrin aldehyde	0.0078	U	0.0078	0.0018
53494-70-5	Endrin ketone	0.0078	U	0.0078	0.0015
58-89-9	gamma-BHC (Lindane)	0.0023	U	0.0023	0.00072
76-44-8	Heptachlor	0.0078	U	0.0078	0.00092
1024-57-3	Heptachlor epoxide	0.0078	U	0.0078	0.0012
72-43-5	Methoxychlor	0.0078	U	0.0078	0.0018
8001-35-2	Toxaphene	0.078	U	0.078	0.028

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	120		43-150
877-09-8	Tetrachloro-m-xylene	49		26-137

MT 8/11/22

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

22

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-14 (12-15) | Lab Sample ID: 460-261082-2

Matrix: Solid | Lab File ID: 4F0005878.D

Analysis Method: 8081B | Date Collected: 06/29/2022 11:35

Extraction Method: 3546 | Date Extracted: 07/02/2022 16:12

Sample wt/vol: 15.00(g) | Date Analyzed: 07/05/2022 12:57

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 8.0 % Solids: 92.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853523 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0073	U	0.0073	0.0012
72-55-9	4,4'-DDE	0.0073	U	0.0073	0.00086
50-29-3	4,4'-DDT	0.0073	U	0.0073	0.0013
309-00-2	Aldrin	0.0073	U	0.0073	0.0011
319-84-6	alpha-BHC	0.0022	U	0.0022	0.00074
319-85-7	beta-BHC	0.0022	U	0.0022	0.00081
12789-03-6	Chlordane (technical)	0.073	U	0.073	0.018
319-86-8	delta-BHC	0.0022	U	0.0022	0.00045
60-57-1	Dieldrin	0.0022	U	0.0022	0.00095
959-98-8	Endosulfan I	0.0073	U	0.0073	0.0011
33213-65-9	Endosulfan II	0.0073	U	0.0073	0.0019
1031-07-8	Endosulfan sulfate	0.0073	U	0.0073	0.00091
72-20-8	Endrin	0.0073	U	0.0073	0.0010
7421-93-4	Endrin aldehyde	0.0073	U	0.0073	0.0017
53494-70-5	Endrin ketone	0.0073	U	0.0073	0.0014
58-89-9	gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067
76-44-8	Heptachlor	0.0073	U	0.0073	0.00086
1024-57-3	Heptachlor epoxide	0.0073	U	0.0073	0.0011
72-43-5	Methoxychlor	0.0073	U	0.0073	0.0017
8001-35-2	Toxaphene	0.073	U	0.073	0.026

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		43-150
877-09-8	Tetrachloro-m-xylene	66		26-137

MM 8/11/22

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1
SDG No.:
Client Sample ID: TRC-DUP-02 Lab Sample ID: 460-261082-3
Matrix: Solid Lab File ID: 4F0005879.D
Analysis Method: 8081B Date Collected: 06/29/2022 11:40
Extraction Method: 3546 Date Extracted: 07/02/2022 16:12
Sample wt/vol: 15.00(g) Date Analyzed: 07/05/2022 13:13
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)
% Moisture: 5.5 % Solids: 94.5 GPC Cleanup:(Y/N) N
Cleanup Factor:
Analysis Batch No.: 853523 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0071	U	0.0071	0.0012
72-55-9	4,4'-DDE	0.0071	U	0.0071	0.00084
50-29-3	4,4'-DDT	0.0071	U	0.0071	0.0013
309-00-2	Aldrin	0.0071	U	0.0071	0.0011
319-84-6	alpha-BHC	0.0021	U	0.0021	0.00072
319-85-7	beta-BHC	0.0021	U	0.0021	0.00079
12789-03-6	Chlordane (technical)	0.071	U	0.071	0.017
319-86-8	delta-BHC	0.0021	U	0.0021	0.00043
60-57-1	Dieldrin	0.0021	U	0.0021	0.00092
959-98-8	Endosulfan I	0.0071	U	0.0071	0.0011
33213-65-9	Endosulfan II	0.0071	U	0.0071	0.0018
1031-07-8	Endosulfan sulfate	0.0071	U	0.0071	0.00089
72-20-8	Endrin	0.0071	U	0.0071	0.0010
7421-93-4	Endrin aldehyde	0.0071	U	0.0071	0.0017
53494-70-5	Endrin ketone	0.0071	U	0.0071	0.0014
58-89-9	gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066
76-44-8	Heptachlor	0.0071	U	0.0071	0.00084
1024-57-3	Heptachlor epoxide	0.0071	U	0.0071	0.0011
72-43-5	Methoxychlor	0.0071	U	0.0071	0.0016
8001-35-2	Toxaphene	0.071	U	0.071	0.026

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		43-150
877-09-8	Tetrachloro-m-xylene	63		26-137

MT 8/10/22

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

24

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-03 | Lab Sample ID: 460-261082-4

Matrix: Water | Lab File ID: 4F0005854.D

Analysis Method: 8081B | Date Collected: 06/29/2022 12:05

Extraction Method: 3510C | Date Extracted: 07/02/2022 08:25

Sample wt/vol: 250(mL) | Date Analyzed: 07/05/2022 06:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853523 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.020	U	0.020	0.0060
72-55-9	4,4'-DDE	0.020	U	0.020	0.0020
50-29-3	4,4'-DDT	0.020	U	0.020	0.0040
309-00-2	Aldrin	0.020	U	0.020	0.0030
319-84-6	alpha-BHC	0.020	U	0.020	0.0070
319-85-7	beta-BHC	0.020	U	0.020	0.015
12789-03-6	Chlordane (technical)	0.50	U	0.50	0.055
319-86-8	delta-BHC	0.020	U	0.020	0.0050
60-57-1	Dieldrin	0.020	U	0.020	0.0030
959-98-8	Endosulfan I	0.020	U	0.020	0.0020
33213-65-9	Endosulfan II	0.020	U	0.020	0.0040
1031-07-8	Endosulfan sulfate	0.020	U	0.020	0.0060
72-20-8	Endrin	0.020	U	0.020	0.0040
7421-93-4	Endrin aldehyde	0.020	U	0.020	0.0080
53494-70-5	Endrin ketone	0.020	U	0.020	0.0080
58-89-9	gamma-BHC (Lindane)	0.020	U	0.020	0.012
76-44-8	Heptachlor	0.020	U	0.020	0.0030
1024-57-3	Heptachlor epoxide	0.020	U	0.020	0.0050
72-43-5	Methoxychlor	0.020	U	0.020	0.0040
8001-35-2	Toxaphene	0.50	U	0.50	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	78		15-121
877-09-8	Tetrachloro-m-xylene	65		17-120

MM 8/11/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-20 (1-4) | Lab Sample ID: 460-260931-1

Matrix: Solid | Lab File ID: 11F0012347.D

Analysis Method: 8082A | Date Collected: 06/27/2022 09:05

Extraction Method: 3546 | Date Extracted: 06/29/2022 17:08

Sample wt/vol: 15.08(g) | Date Analyzed: 06/30/2022 13:14

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 7.4 % Solids: 92.6 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852930 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.072	U	0.072	0.019
11104-28-2	Aroclor 1221	0.072	U	0.072	0.019
11141-16-5	Aroclor 1232	0.072	U	0.072	0.019
53469-21-9	Aroclor 1242	0.072	U	0.072	0.019
12672-29-6	Aroclor 1248	0.072	U	0.072	0.019
11097-69-1	Aroclor 1254	0.072	U	0.072	0.019
11096-82-5	Aroclor 1260	0.072	U	0.072	0.019
11100-14-4	Aroclor 1268	0.072	U	0.072	0.019
37324-23-5	Aroclor-1262	0.072	U	0.072	0.019
1336-36-3	Polychlorinated biphenyls, Total	0.072	U	0.072	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		10-150
877-09-8	Tetrachloro-m-xylene	97		42-150

MT 9/1/22

2

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-20 (12-15) | Lab Sample ID: 460-260931-2

Matrix: Solid | Lab File ID: 11F0012348.D

Analysis Method: 8082A | Date Collected: 06/27/2022 09:10

Extraction Method: 3546 | Date Extracted: 06/29/2022 17:08

Sample wt/vol: 15.01(g) | Date Analyzed: 06/30/2022 13:30

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 15.6 % Solids: 84.4 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852930 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.079	U	0.079	0.021
11104-28-2	Aroclor 1221	0.079	U	0.079	0.021
11141-16-5	Aroclor 1232	0.079	U	0.079	0.021
53469-21-9	Aroclor 1242	0.079	U	0.079	0.021
12672-29-6	Aroclor 1248	0.079	U	0.079	0.021
11097-69-1	Aroclor 1254	0.079	U	0.079	0.021
11096-82-5	Aroclor 1260	0.079	U	0.079	0.021
11100-14-4	Aroclor 1268	0.079	U	0.079	0.021
37324-23-5	Aroclor-1262	0.079	U	0.079	0.021
1336-36-3	Polychlorinated biphenyls, Total	0.079	U	0.079	0.021

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	93		10-150
877-09-8	Tetrachloro-m-xylene	89		42-150

MT 8/1/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19 (1-4) | Lab Sample ID: 460-260931-3

Matrix: Solid | Lab File ID: 11F0012349.D

Analysis Method: 8082A | Date Collected: 06/27/2022 09:45

Extraction Method: 3546 | Date Extracted: 06/29/2022 17:08

Sample wt/vol: 15.07(g) | Date Analyzed: 06/30/2022 13:47

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 7.3 % Solids: 92.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852930 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.072	U	0.072	0.019
11104-28-2	Aroclor 1221	0.072	U	0.072	0.019
11141-16-5	Aroclor 1232	0.072	U	0.072	0.019
53469-21-9	Aroclor 1242	0.072	U	0.072	0.019
12672-29-6	Aroclor 1248	0.072	U	0.072	0.019
11097-69-1	Aroclor 1254	0.072	U	0.072	0.019
11096-82-5	Aroclor 1260	0.072	U	0.072	0.019
11100-14-4	Aroclor 1268	0.072	U	0.072	0.019
37324-23-5	Aroclor-1262	0.072	U	0.072	0.019
1336-36-3	Polychlorinated biphenyls, Total	0.072	U	0.072	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	139		10-150
877-09-8	Tetrachloro-m-xylene	85		42-150

FORM I 8082A

MM 8/4/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19 (12-15) | Lab Sample ID: 460-260931-4

Matrix: Solid | Lab File ID: 11F0012365.D

Analysis Method: 8082A | Date Collected: 06/27/2022 09:55

Extraction Method: 3546 | Date Extracted: 06/29/2022 17:08

Sample wt/vol: 15.05(g) | Date Analyzed: 06/30/2022 18:34

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 14.4 % Solids: 85.6 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852930 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.078	U	0.078	0.021
11104-28-2	Aroclor 1221	0.078	U	0.078	0.021
11141-16-5	Aroclor 1232	0.078	U	0.078	0.021
53469-21-9	Aroclor 1242	0.078	U	0.078	0.021
12672-29-6	Aroclor 1248	0.078	U	0.078	0.021
11097-69-1	Aroclor 1254	0.078	U	0.078	0.021
11096-82-5	Aroclor 1260	0.078	U	0.078	0.021
11100-14-4	Aroclor 1268	0.078	U	0.078	0.021
37324-23-5	Aroclor-1262	0.078	U	0.078	0.021
1336-36-3	Polychlorinated biphenyls, Total	0.078	U	0.078	0.021

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	115		10-150
877-09-8	Tetrachloro-m-xylene	93		42-150

MJ 8/4/22

5

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19 (22.5-24.5) | Lab Sample ID: 460-260931-5

Matrix: Solid | Lab File ID: 11F0012351.D

Analysis Method: 8082A | Date Collected: 06/27/2022 11:11

Extraction Method: 3546 | Date Extracted: 06/29/2022 17:08

Sample wt/vol: 15.06(g) | Date Analyzed: 06/30/2022 14:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 8.9 % Solids: 91.1 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852930 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.073	U	0.073	0.019
11104-28-2	Aroclor 1221	0.073	U	0.073	0.019
11141-16-5	Aroclor 1232	0.073	U	0.073	0.019
53469-21-9	Aroclor 1242	0.073	U	0.073	0.019
12672-29-6	Aroclor 1248	0.073	U	0.073	0.019
11097-69-1	Aroclor 1254	0.073	U	0.073	0.019
11096-82-5	Aroclor 1260	0.073	U	0.073	0.019
11100-14-4	Aroclor 1268	0.073	U	0.073	0.019
37324-23-5	Aroclor-1262	0.073	U	0.073	0.019
1336-36-3	Polychlorinated biphenyls, Total	0.073	U	0.073	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	116		10-150
877-09-8	Tetrachloro-m-xylene	102		42-150

MT 8/1/22

6

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-18 (1-4) | Lab Sample ID: 460-260931-6

Matrix: Solid | Lab File ID: 11F0012352.D

Analysis Method: 8082A | Date Collected: 06/27/2022 12:00

Extraction Method: 3546 | Date Extracted: 06/29/2022 17:08

Sample wt/vol: 15.02(g) | Date Analyzed: 06/30/2022 14:37

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 9.0 % Solids: 91.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852930 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.074	U	0.074	0.020
11104-28-2	Aroclor 1221	0.074	U	0.074	0.020
11141-16-5	Aroclor 1232	0.074	U	0.074	0.020
53469-21-9	Aroclor 1242	0.074	U	0.074	0.020
12672-29-6	Aroclor 1248	0.074	U	0.074	0.020
11097-69-1	Aroclor 1254	0.074	U	0.074	0.020
11096-82-5	Aroclor 1260	0.074	U	0.074	0.020
11100-14-4	Aroclor 1268	0.074	U	0.074	0.020
37324-23-5	Aroclor-1262	0.074	U	0.074	0.020
1336-36-3	Polychlorinated biphenyls, Total	0.074	U	0.074	0.020

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		10-150
877-09-8	Tetrachloro-m-xylene	88		42-150

MT 8/10/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

7

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-18 (12-15) | Lab Sample ID: 460-260931-7

Matrix: Solid | Lab File ID: 11F0012353.D

Analysis Method: 8082A | Date Collected: 06/27/2022 12:05

Extraction Method: 3546 | Date Extracted: 06/29/2022 17:08

Sample wt/vol: 15.03(g) | Date Analyzed: 06/30/2022 14:54

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 17.1 % Solids: 82.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852930 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.081	U	0.081	0.021
11104-28-2	Aroclor 1221	0.081	U	0.081	0.021
11141-16-5	Aroclor 1232	0.081	U	0.081	0.021
53469-21-9	Aroclor 1242	0.081	U	0.081	0.021
12672-29-6	Aroclor 1248	0.081	U	0.081	0.021
11097-69-1	Aroclor 1254	0.081	U	0.081	0.021
11096-82-5	Aroclor 1260	0.081	U	0.081	0.021
11100-14-4	Aroclor 1268	0.081	U	0.081	0.021
37324-23-5	Aroclor-1262	0.081	U	0.081	0.021
1336-36-3	Polychlorinated biphenyls, Total	0.081	U	0.081	0.021

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		10-150
877-09-8	Tetrachloro-m-xylene	96		42-150

FORM I 8082A

MJ 8/1/22

8

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-DUP-01 Lab Sample ID: 460-260931-8

Matrix: Solid Lab File ID: 11F0012354.D

Analysis Method: 8082A Date Collected: 06/27/2022 12:10

Extraction Method: 3546 Date Extracted: 06/29/2022 17:08

Sample wt/vol: 15.01(g) Date Analyzed: 06/30/2022 15:11

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 17.6 % Solids: 82.4 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852930 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.081	U	0.081	0.022
11104-28-2	Aroclor 1221	0.081	U	0.081	0.022
11141-16-5	Aroclor 1232	0.081	U	0.081	0.022
53469-21-9	Aroclor 1242	0.081	U	0.081	0.022
12672-29-6	Aroclor 1248	0.081	U	0.081	0.022
11097-69-1	Aroclor 1254	0.081	U	0.081	0.022
11096-82-5	Aroclor 1260	0.081	U	0.081	0.022
11100-14-4	Aroclor 1268	0.081	U	0.081	0.022
37324-23-5	Aroclor-1262	0.081	U	0.081	0.022
1336-36-3	Polychlorinated biphenyls, Total	0.081	U	0.081	0.022

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		10-150
877-09-8	Tetrachloro-m-xylene	93		42-150

FORM I 8082A

MM 8/1/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-13 (1-4) | Lab Sample ID: 460-260931-9

Matrix: Solid | Lab File ID: 11F0012355.D

Analysis Method: 8082A | Date Collected: 06/27/2022 13:05

Extraction Method: 3546 | Date Extracted: 06/29/2022 17:08

Sample wt/vol: 15.05(g) | Date Analyzed: 06/30/2022 15:27

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 11.0 % Solids: 89.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852930 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.075	U	0.075	0.020
11104-28-2	Aroclor 1221	0.075	U	0.075	0.020
11141-16-5	Aroclor 1232	0.075	U	0.075	0.020
53469-21-9	Aroclor 1242	0.075	U	0.075	0.020
12672-29-6	Aroclor 1248	0.075	U	0.075	0.020
11097-69-1	Aroclor 1254	0.075	U	0.075	0.020
11096-82-5	Aroclor 1260	0.075	U	0.075	0.020
11100-14-4	Aroclor 1268	0.075	U	0.075	0.020
37324-23-5	Aroclor-1262	0.075	U	0.075	0.020
1336-36-3	Polychlorinated biphenyls, Total	0.075	U	0.075	0.020

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		10-150
877-09-8	Tetrachloro-m-xylene	91		42-150

mm 8/1/22

10

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-12 (1-4) | Lab Sample ID: 460-260931-10

Matrix: Solid | Lab File ID: 11F0012356.D

Analysis Method: 8082A | Date Collected: 06/27/2022 13:20

Extraction Method: 3546 | Date Extracted: 06/29/2022 17:08

Sample wt/vol: 15.09(g) | Date Analyzed: 06/30/2022 15:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 5.9 % Solids: 94.1 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852930 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.071	U	0.071	0.019
11104-28-2	Aroclor 1221	0.071	U	0.071	0.019
11141-16-5	Aroclor 1232	0.071	U	0.071	0.019
53469-21-9	Aroclor 1242	0.071	U	0.071	0.019
12672-29-6	Aroclor 1248	0.071	U	0.071	0.019
11097-69-1	Aroclor 1254	0.071	U	0.071	0.019
11096-82-5	Aroclor 1260	0.071	U	0.071	0.019
11100-14-4	Aroclor 1268	0.071	U	0.071	0.019
37324-23-5	Aroclor-1262	0.071	U	0.071	0.019
1336-36-3	Polychlorinated biphenyls, Total	0.071	U	0.071	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		10-150
877-09-8	Tetrachloro-m-xylene	99		42-150

FORM I 8082A

MT 8/Wn

11

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-01 | Lab Sample ID: 460-260931-11

Matrix: Water | Lab File ID: 14F0024557.D

Analysis Method: 8082A | Date Collected: 06/27/2022 14:05

Extraction Method: 3510C | Date Extracted: 06/29/2022 09:28

Sample wt/vol: 250(mL) | Date Analyzed: 06/29/2022 21:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852712 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.40	U	0.40	0.12
11104-28-2	Aroclor 1221	0.40	U	0.40	0.12
11141-16-5	Aroclor 1232	0.40	U	0.40	0.12
53469-21-9	Aroclor 1242	0.40	U	0.40	0.12
12672-29-6	Aroclor 1248	0.40	U	0.40	0.12
11097-69-1	Aroclor 1254	0.40	U	0.40	0.11
11096-82-5	Aroclor 1260	0.40	U	0.40	0.11
37324-23-5	Aroclor-1262	0.40	U	0.40	0.11
11100-14-4	Aroclor 1268	0.40	U	0.40	0.11
1336-36-3	Polychlorinated biphenyls, Total	0.40	U	0.40	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	84		12-150
877-09-8	Tetrachloro-m-xylene	75		11-131

MM 8/1/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-N (20.5-22.5) Lab Sample ID: 460-260931-12

Matrix: Solid Lab File ID: 11F0012357.D

Analysis Method: 8082A Date Collected: 06/27/2022 14:40

Extraction Method: 3546 Date Extracted: 06/29/2022 17:08

Sample wt/vol: 15.01(g) Date Analyzed: 06/30/2022 16:01

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 6.1 % Solids: 93.9 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852930 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.071	U	0.071	0.019
11104-28-2	Aroclor 1221	0.071	U	0.071	0.019
11141-16-5	Aroclor 1232	0.071	U	0.071	0.019
53469-21-9	Aroclor 1242	0.071	U	0.071	0.019
12672-29-6	Aroclor 1248	0.071	U	0.071	0.019
11097-69-1	Aroclor 1254	0.071	U	0.071	0.019
11096-82-5	Aroclor 1260	0.071	U	0.071	0.019
11100-14-4	Aroclor 1268	0.071	U	0.071	0.019
37324-23-5	Aroclor-1262	0.071	U	0.071	0.019
1336-36-3	Polychlorinated biphenyls, Total	0.071	U	0.071	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		10-150
877-09-8	Tetrachloro-m-xylene	98		42-150

MT 8/10/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

13

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-N (13-15) | Lab Sample ID: 460-260931-13

Matrix: Solid | Lab File ID: 11F0012358.D

Analysis Method: 8082A | Date Collected: 06/27/2022 15:00

Extraction Method: 3546 | Date Extracted: 06/29/2022 17:08

Sample wt/vol: 15.05(g) | Date Analyzed: 06/30/2022 16:17

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 4.6 % Solids: 95.4 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852930 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.070	U	0.070	0.019
11104-28-2	Aroclor 1221	0.070	U	0.070	0.019
11141-16-5	Aroclor 1232	0.070	U	0.070	0.019
53469-21-9	Aroclor 1242	0.070	U	0.070	0.019
12672-29-6	Aroclor 1248	0.070	U	0.070	0.019
11097-69-1	Aroclor 1254	0.070	U	0.070	0.019
11096-82-5	Aroclor 1260	0.070	U	0.070	0.019
11100-14-4	Aroclor 1268	0.070	U	0.070	0.019
37324-23-5	Aroclor-1262	0.070	U	0.070	0.019
1336-36-3	Polychlorinated biphenyls, Total	0.070	U	0.070	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		10-150
877-09-8	Tetrachloro-m-xylene	96		42-150

MM 8/1/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

14

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-N (1-4) | Lab Sample ID: 460-260931-14

Matrix: Solid | Lab File ID: 11F0012359.D

Analysis Method: 8082A | Date Collected: 06/27/2022 15:05

Extraction Method: 3546 | Date Extracted: 06/29/2022 17:08

Sample wt/vol: 15.02(g) | Date Analyzed: 06/30/2022 16:34

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 10.7 % Solids: 89.3 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852930 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.075	U	0.075	0.020
11104-28-2	Aroclor 1221	0.075	U	0.075	0.020
11141-16-5	Aroclor 1232	0.075	U	0.075	0.020
53469-21-9	Aroclor 1242	0.075	U	0.075	0.020
12672-29-6	Aroclor 1248	0.075	U	0.075	0.020
11097-69-1	Aroclor 1254	0.075	U	0.075	0.020
11096-82-5	Aroclor 1260	0.075	U	0.075	0.020
11100-14-4	Aroclor 1268	0.075	U	0.075	0.020
37324-23-5	Aroclor-1262	0.075	U	0.075	0.020
1336-36-3	Polychlorinated biphenyls, Total	0.075	U	0.075	0.020

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		10-150
877-09-8	Tetrachloro-m-xylene	95		42-150

FORM I 8082A

MM 8/1/22

15

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-16 (1-3) Lab Sample ID: 460-260996-1

Matrix: Solid Lab File ID: 11F0012360.D

Analysis Method: 8082A Date Collected: 06/28/2022 10:15

Extraction Method: 3546 Date Extracted: 06/29/2022 17:08

Sample wt/vol: 15.04(g) Date Analyzed: 06/30/2022 16:51

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 9.3 % Solids: 90.7 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852930 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.074	U	0.074	0.020
11104-28-2	Aroclor 1221	0.074	U	0.074	0.020
11141-16-5	Aroclor 1232	0.074	U	0.074	0.020
53469-21-9	Aroclor 1242	0.074	U	0.074	0.020
12672-29-6	Aroclor 1248	0.074	U	0.074	0.020
11097-69-1	Aroclor 1254	0.074	U	0.074	0.020
11096-82-5	Aroclor 1260	0.074	U	0.074	0.020
11100-14-4	Aroclor 1268	0.074	U	0.074	0.020
37324-23-5	Aroclor-1262	0.074	U	0.074	0.020
1336-36-3	Polychlorinated biphenyls, Total	0.074	U	0.074	0.020

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		10-150
877-09-8	Tetrachloro-m-xylene	90		42-150

FORM I 8082A

MT 8/10/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-17 (1-2) Lab Sample ID: 460-260996-2

Matrix: Solid Lab File ID: 11F0012361.D

Analysis Method: 8082A Date Collected: 06/28/2022 08:45

Extraction Method: 3546 Date Extracted: 06/29/2022 17:08

Sample wt/vol: 15.05(g) Date Analyzed: 06/30/2022 17:07

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 8.1 % Solids: 91.9 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852930 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.073	U	0.073	0.019
11104-28-2	Aroclor 1221	0.073	U	0.073	0.019
11141-16-5	Aroclor 1232	0.073	U	0.073	0.019
53469-21-9	Aroclor 1242	0.073	U	0.073	0.019
12672-29-6	Aroclor 1248	0.073	U	0.073	0.019
11097-69-1	Aroclor 1254	0.073	U	0.073	0.019
11096-82-5	Aroclor 1260	0.073	U	0.073	0.019
11100-14-4	Aroclor 1268	0.073	U	0.073	0.019
37324-23-5	Aroclor-1262	0.073	U	0.073	0.019
1336-36-3	Polychlorinated biphenyls, Total	0.073	U	0.073	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		10-150
877-09-8	Tetrachloro-m-xylene	92		42-150

MT 8/Wn

17

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-02 | Lab Sample ID: 460-260996-3

Matrix: Water | Lab File ID: 14F0024573.D

Analysis Method: 8082A | Date Collected: 06/28/2022 10:45

Extraction Method: 3510C | Date Extracted: 06/29/2022 22:07

Sample wt/vol: 250(mL) | Date Analyzed: 06/30/2022 12:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852931 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.40	U	0.40	0.12
11104-28-2	Aroclor 1221	0.40	U	0.40	0.12
11141-16-5	Aroclor 1232	0.40	U	0.40	0.12
53469-21-9	Aroclor 1242	0.40	U	0.40	0.12
12672-29-6	Aroclor 1248	0.40	U	0.40	0.12
11097-69-1	Aroclor 1254	0.40	U	0.40	0.11
11096-82-5	Aroclor 1260	0.40	U	0.40	0.11
37324-23-5	Aroclor-1262	0.40	U	0.40	0.11
11100-14-4	Aroclor 1268	0.40	U	0.40	0.11
1336-36-3	Polychlorinated biphenyls, Total	0.40	U	0.40	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	70		12-150
877-09-8	Tetrachloro-m-xylene	61		11-131

FORM I 8082A

mr 8/Wn

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-W (1-4) Lab Sample ID: 460-260996-4

Matrix: Solid Lab File ID: 11F0012362.D

Analysis Method: 8082A Date Collected: 06/28/2022 11:50

Extraction Method: 3546 Date Extracted: 06/29/2022 17:08

Sample wt/vol: 15.06(g) Date Analyzed: 06/30/2022 17:24

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 9.1 % Solids: 90.9 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852930 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.073	U	0.073	0.020
11104-28-2	Aroclor 1221	0.073	U	0.073	0.020
11141-16-5	Aroclor 1232	0.073	U	0.073	0.020
53469-21-9	Aroclor 1242	0.073	U	0.073	0.020
12672-29-6	Aroclor 1248	0.073	U	0.073	0.020
11097-69-1	Aroclor 1254	0.073	U	0.073	0.020
11096-82-5	Aroclor 1260	0.073	U	0.073	0.020
11100-14-4	Aroclor 1268	0.073	U	0.073	0.020
37324-23-5	Aroclor-1262	0.073	U	0.073	0.020
1336-36-3	Polychlorinated biphenyls, Total	0.073	U	0.073	0.020

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		10-150
877-09-8	Tetrachloro-m-xylene	98		42-150

MH 8/1/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

19

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-W (20-22) | Lab Sample ID: 460-260996-5

Matrix: Solid | Lab File ID: 11F0012363.D

Analysis Method: 8082A | Date Collected: 06/28/2022 12:00

Extraction Method: 3546 | Date Extracted: 06/29/2022 17:08

Sample wt/vol: 15.02(g) | Date Analyzed: 06/30/2022 17:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 16.9 % Solids: 83.1 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852930 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.081	U	0.081	0.021
11104-28-2	Aroclor 1221	0.081	U	0.081	0.021
11141-16-5	Aroclor 1232	0.081	U	0.081	0.021
53469-21-9	Aroclor 1242	0.081	U	0.081	0.021
12672-29-6	Aroclor 1248	0.081	U	0.081	0.021
11097-69-1	Aroclor 1254	0.081	U	0.081	0.021
11096-82-5	Aroclor 1260	0.081	U	0.081	0.021
11100-14-4	Aroclor 1268	0.081	U	0.081	0.021
37324-23-5	Aroclor-1262	0.081	U	0.081	0.021
1336-36-3	Polychlorinated biphenyls, Total	0.081	U	0.081	0.021

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		10-150
877-09-8	Tetrachloro-m-xylene	92		42-150

FORM I 8082A

MT 8/1/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

20

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-E (1-3) | Lab Sample ID: 460-260996-6

Matrix: Solid | Lab File ID: 11F0012364.D

Analysis Method: 8082A | Date Collected: 06/28/2022 13:40

Extraction Method: 3546 | Date Extracted: 06/29/2022 17:08

Sample wt/vol: 15.01(g) | Date Analyzed: 06/30/2022 17:58

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 6.5 % Solids: 93.5 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852930 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.072	U	0.072	0.019
11104-28-2	Aroclor 1221	0.072	U	0.072	0.019
11141-16-5	Aroclor 1232	0.072	U	0.072	0.019
53469-21-9	Aroclor 1242	0.072	U	0.072	0.019
12672-29-6	Aroclor 1248	0.072	U	0.072	0.019
11097-69-1	Aroclor 1254	0.072	U	0.072	0.019
11096-82-5	Aroclor 1260	0.072	U	0.072	0.019
11100-14-4	Aroclor 1268	0.072	U	0.072	0.019
37324-23-5	Aroclor-1262	0.072	U	0.072	0.019
1336-36-3	Polychlorinated biphenyls, Total	0.072	U	0.072	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		10-150
877-09-8	Tetrachloro-m-xylene	95		42-150

FORM I 8082A

MM 8/1/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

21

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-14 (1-4) | Lab Sample ID: 460-261082-1

Matrix: Solid | Lab File ID: 11F0012461.D

Analysis Method: 8082A | Date Collected: 06/29/2022 10:37

Extraction Method: 3546 | Date Extracted: 07/02/2022 13:53

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2022 03:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 14.4 % Solids: 85.6 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853698 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.078	U	0.078	0.021
11104-28-2	Aroclor 1221	0.078	U	0.078	0.021
11141-16-5	Aroclor 1232	0.078	U	0.078	0.021
53469-21-9	Aroclor 1242	0.078	U	0.078	0.021
12672-29-6	Aroclor 1248	0.078	U	0.078	0.021
11097-69-1	Aroclor 1254	0.078	U	0.078	0.021
11096-82-5	Aroclor 1260	0.078	U	0.078	0.021
11100-14-4	Aroclor 1268	0.078	U	0.078	0.021
37324-23-5	Aroclor-1262	0.078	U	0.078	0.021
1336-36-3	Polychlorinated biphenyls, Total	0.078	U	0.078	0.021

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	111		10-150
877-09-8	Tetrachloro-m-xylene	56		42-150

FORM I 8082A

MI 8/10/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

22

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-14 (12-15) | Lab Sample ID: 460-261082-2

Matrix: Solid | Lab File ID: 11F0012462.D

Analysis Method: 8082A | Date Collected: 06/29/2022 11:35

Extraction Method: 3546 | Date Extracted: 07/02/2022 13:53

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2022 03:58

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 8.0 % Solids: 92.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853698 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.073	U	0.073	0.019
11104-28-2	Aroclor 1221	0.073	U	0.073	0.019
11141-16-5	Aroclor 1232	0.073	U	0.073	0.019
53469-21-9	Aroclor 1242	0.073	U	0.073	0.019
12672-29-6	Aroclor 1248	0.073	U	0.073	0.019
11097-69-1	Aroclor 1254	0.073	U	0.073	0.019
11096-82-5	Aroclor 1260	0.073	U	0.073	0.019
11100-14-4	Aroclor 1268	0.073	U	0.073	0.019
37324-23-5	Aroclor-1262	0.073	U	0.073	0.019
1336-36-3	Polychlorinated biphenyls, Total	0.073	U	0.073	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		10-150
877-09-8	Tetrachloro-m-xylene	75		42-150

MT 8/11/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

23

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-DUP-02 | Lab Sample ID: 460-261082-3

Matrix: Solid | Lab File ID: 11F0012463.D

Analysis Method: 8082A | Date Collected: 06/29/2022 11:40

Extraction Method: 3546 | Date Extracted: 07/02/2022 13:53

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2022 04:15

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 5.5 % Solids: 94.5 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853698 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.071	U	0.071	0.019
11104-28-2	Aroclor 1221	0.071	U	0.071	0.019
11141-16-5	Aroclor 1232	0.071	U	0.071	0.019
53469-21-9	Aroclor 1242	0.071	U	0.071	0.019
12672-29-6	Aroclor 1248	0.071	U	0.071	0.019
11097-69-1	Aroclor 1254	0.071	U	0.071	0.019
11096-82-5	Aroclor 1260	0.071	U	0.071	0.019
11100-14-4	Aroclor 1268	0.071	U	0.071	0.019
37324-23-5	Aroclor-1262	0.071	U	0.071	0.019
1336-36-3	Polychlorinated biphenyls, Total	0.071	U	0.071	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		10-150
877-09-8	Tetrachloro-m-xylene	71		42-150

MM 8/Wn

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

24

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-03 | Lab Sample ID: 460-261082-4

Matrix: Water | Lab File ID: 9F0000795.D

Analysis Method: 8082A | Date Collected: 06/29/2022 12:05

Extraction Method: 3510C | Date Extracted: 07/02/2022 08:19

Sample wt/vol: 250(mL) | Date Analyzed: 07/05/2022 19:42

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853585 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.40	U	0.40	0.12
11104-28-2	Aroclor 1221	0.40	U	0.40	0.12
11141-16-5	Aroclor 1232	0.40	U	0.40	0.12
53469-21-9	Aroclor 1242	0.40	U	0.40	0.12
12672-29-6	Aroclor 1248	0.40	U	0.40	0.12
11097-69-1	Aroclor 1254	0.40	U	0.40	0.11
11096-82-5	Aroclor 1260	0.40	U	0.40	0.11
37324-23-5	Aroclor-1262	0.40	U	0.40	0.11
11100-14-4	Aroclor 1268	0.40	U	0.40	0.11
1336-36-3	Polychlorinated biphenyls, Total	0.40	U	0.40	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	70		12-150
877-09-8	Tetrachloro-m-xylene	69		11-131

MM 8/11/22

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-20 (1-4) | Lab Sample ID: 460-260931-1

Matrix: Solid | Lab File ID: 15F0012823.D

Analysis Method: 8151A | Date Collected: 06/27/2022 09:05

Extraction Method: 8151A | Date Extracted: 06/29/2022 20:31

Sample wt/vol: 30.02(g) | Date Analyzed: 06/30/2022 17:45

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 7.4 % Solids: 92.6 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852949 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.036	U	0.036	0.0076
94-75-7	2,4-D	0.036	U	0.036	0.013
93-72-1	Silvex (2,4,5-TP)	0.036	U	0.036	0.0037

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	152		27-150

FORM I 8151A

MT 8/1/22

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-20 (12-15) | Lab Sample ID: 460-260931-2

Matrix: Solid | Lab File ID: 15F0012824.D

Analysis Method: 8151A | Date Collected: 06/27/2022 09:10

Extraction Method: 8151A | Date Extracted: 06/29/2022 20:31

Sample wt/vol: 30.03(g) | Date Analyzed: 06/30/2022 17:59

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.6 % Solids: 84.4 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852949 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.039	U	0.039	0.0084
94-75-7	2,4-D	0.039	U	0.039	0.014
93-72-1	Silvex (2,4,5-TP)	0.039	U	0.039	0.0041

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	137		27-150

FORM I 8151A

MT 8/4/22

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19 (1-4) | Lab Sample ID: 460-260931-3

Matrix: Solid | Lab File ID: 15F0012825.D

Analysis Method: 8151A | Date Collected: 06/27/2022 09:45

Extraction Method: 8151A | Date Extracted: 06/29/2022 20:31

Sample wt/vol: 30.01(g) | Date Analyzed: 06/30/2022 18:12

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 7.3 % Solids: 92.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852949 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.036	U	0.036	0.0076
94-75-7	2,4-D	0.036	U	0.036	0.013
93-72-1	Silvex (2,4,5-TP)	0.036	U	0.036	0.0037

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	150		27-150

MT 8/11/22

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19 (12-15) | Lab Sample ID: 460-260931-4

Matrix: Solid | Lab File ID: 15F0012826.D

Analysis Method: 8151A | Date Collected: 06/27/2022 09:55

Extraction Method: 8151A | Date Extracted: 06/29/2022 20:31

Sample wt/vol: 30.02(g) | Date Analyzed: 06/30/2022 18:26

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.4 % Solids: 85.6 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852949 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.039	U	0.039	0.0083
94-75-7	2,4-D	0.039	U	0.039	0.014
93-72-1	Silvex (2,4,5-TP)	0.039	U	0.039	0.0041

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	138		27-150

FORM I 8151A

MM 8/1/22

5

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-19 (22.5-24.5) | Lab Sample ID: 460-260931-5

Matrix: Solid | Lab File ID: 15F0012827.D

Analysis Method: 8151A | Date Collected: 06/27/2022 11:11

Extraction Method: 8151A | Date Extracted: 06/29/2022 20:31

Sample wt/vol: 30.05(g) | Date Analyzed: 06/30/2022 18:39

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.9 % Solids: 91.1 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852949 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.037	U	0.037	0.0078
94-75-7	2,4-D	0.037	U	0.037	0.013
93-72-1	Silvex (2,4,5-TP)	0.037	U	0.037	0.0038

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	144		27-150

MM 8/1/22

6

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-18 (1-4) | Lab Sample ID: 460-260931-6

Matrix: Solid | Lab File ID: 15F0012828.D

Analysis Method: 8151A | Date Collected: 06/27/2022 12:00

Extraction Method: 8151A | Date Extracted: 06/29/2022 20:31

Sample wt/vol: 30.03(g) | Date Analyzed: 06/30/2022 18:53

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.0 % Solids: 91.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852949 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.037	U	0.037	0.0078
94-75-7	2,4-D	0.037	U	0.037	0.013
93-72-1	Silvex (2,4,5-TP)	0.037	U	0.037	0.0038

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	156	✓	27-150

MT 8/Wn

7

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-18 (12-15) | Lab Sample ID: 460-260931-7

Matrix: Solid | Lab File ID: 15F0012829.D

Analysis Method: 8151A | Date Collected: 06/27/2022 12:05

Extraction Method: 8151A | Date Extracted: 06/29/2022 20:31

Sample wt/vol: 30.04(g) | Date Analyzed: 06/30/2022 19:06

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 17.1 % Solids: 82.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852949 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.040	U	0.040	0.0085
94-75-7	2,4-D	0.040	U	0.040	0.015
93-72-1	Silvex (2,4,5-TP)	0.040	U	0.040	0.0042

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	134		27-150

MT 8/4/22

8

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-DUP-01 | Lab Sample ID: 460-260931-8

Matrix: Solid | Lab File ID: 15F0012830.D

Analysis Method: 8151A | Date Collected: 06/27/2022 12:10

Extraction Method: 8151A | Date Extracted: 06/29/2022 20:31

Sample wt/vol: 30.02(g) | Date Analyzed: 06/30/2022 19:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 17.6 % Solids: 82.4 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852949 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.040	U	0.040	0.0086
94-75-7	2,4-D	0.040	U	0.040	0.015
93-72-1	Silvex (2,4,5-TP)	0.040	U	0.040	0.0042

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	123		27-150

MT 8/Wn

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-13 (1-4) | Lab Sample ID: 460-260931-9

Matrix: Solid | Lab File ID: 15F0012831.D

Analysis Method: 8151A | Date Collected: 06/27/2022 13:05

Extraction Method: 8151A | Date Extracted: 06/29/2022 20:31

Sample wt/vol: 30.03(g) | Date Analyzed: 06/30/2022 19:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.0 % Solids: 89.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852949 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.037	U	0.037	0.0079
94-75-7	2,4-D	0.037	U	0.037	0.014
93-72-1	Silvex (2,4,5-TP)	0.037	U	0.037	0.0039

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	132		27-150

MT 8/1/22

10

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-12 (1-4) | Lab Sample ID: 460-260931-10

Matrix: Solid | Lab File ID: 15F0012832.D

Analysis Method: 8151A | Date Collected: 06/27/2022 13:20

Extraction Method: 8151A | Date Extracted: 06/29/2022 20:31

Sample wt/vol: 30.02(g) | Date Analyzed: 06/30/2022 19:47

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.9 % Solids: 94.1 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852949 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.035	U	0.035	0.0075
94-75-7	2,4-D	0.035	U	0.035	0.013
93-72-1	Silvex (2,4,5-TP)	0.035	U	0.035	0.0037

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	123		27-150

FORM I 8151A

MT 8/1/22

11

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-01 Lab Sample ID: 460-260931-11

Matrix: Water Lab File ID: 15F0012725.D

Analysis Method: 8151A Date Collected: 06/27/2022 14:05

Extraction Method: 8151A Date Extracted: 06/28/2022 22:50

Sample wt/vol: 250(mL) Date Analyzed: 06/29/2022 11:35

Con. Extract Vol.: 3(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852582 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	1.2	U	1.2	0.12
94-75-7	2,4-D	1.2	U	1.2	0.13
93-72-1	Silvex (2,4,5-TP)	1.2	U	1.2	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	105		10-150

MT 8/1/22

12

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-N (20.5-22.5) Lab Sample ID: 460-260931-12

Matrix: Solid Lab File ID: 15F0012834.D

Analysis Method: 8151A Date Collected: 06/27/2022 14:40

Extraction Method: 8151A Date Extracted: 06/29/2022 20:31

Sample wt/vol: 30.04(g) Date Analyzed: 06/30/2022 20:14

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.1 % Solids: 93.9 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852949 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.035	U	0.035	0.0075
94-75-7	2,4-D	0.035	U	0.035	0.013
93-72-1	Silvex (2,4,5-TP)	0.035	U	0.035	0.0037

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	131		27-150

MT 8/1/22

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-N (13-15) | Lab Sample ID: 460-260931-13

Matrix: Solid | Lab File ID: 15F0012835.D

Analysis Method: 8151A | Date Collected: 06/27/2022 15:00

Extraction Method: 8151A | Date Extracted: 06/29/2022 20:31

Sample wt/vol: 30.03(g) | Date Analyzed: 06/30/2022 20:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.6 % Solids: 95.4 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852949 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.035	U	0.035	0.0074
94-75-7	2,4-D	0.035	U	0.035	0.013
93-72-1	Silvex (2,4,5-TP)	0.035	U	0.035	0.0036

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	141		27-150

MM 8/1/22

14

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-N (1-4) | Lab Sample ID: 460-260931-14

Matrix: Solid | Lab File ID: 15F0012836.D

Analysis Method: 8151A | Date Collected: 06/27/2022 15:05

Extraction Method: 8151A | Date Extracted: 06/29/2022 20:31

Sample wt/vol: 30.02(g) | Date Analyzed: 06/30/2022 20:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.7 % Solids: 89.3 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 852949 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.037	U	0.037	0.0079
94-75-7	2,4-D	0.037	U	0.037	0.014
93-72-1	Silvex (2,4,5-TP)	0.037	U	0.037	0.0039

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	135		27-150

MT 8/1/22

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

15

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-16 (1-3) | Lab Sample ID: 460-260996-1

Matrix: Solid | Lab File ID: 15F0012941.D

Analysis Method: 8151A | Date Collected: 06/28/2022 10:15

Extraction Method: 8151A | Date Extracted: 07/01/2022 19:22

Sample wt/vol: 30.01(g) | Date Analyzed: 07/05/2022 15:53

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.5 % Solids: 90.5 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853600 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.037	U	0.037	0.0078
94-75-7	2,4-D	0.037	U	0.037	0.013
93-72-1	Silvex (2,4,5-TP)	0.037	U	0.037	0.0038

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	135		27-150

FORM I 8151A

MJ 8/11/22

16

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-17 (1-2) | Lab Sample ID: 460-260996-2

Matrix: Solid | Lab File ID: 15F0012942.D

Analysis Method: 8151A | Date Collected: 06/28/2022 08:45

Extraction Method: 8151A | Date Extracted: 07/01/2022 19:22

Sample wt/vol: 30.04(g) | Date Analyzed: 07/05/2022 16:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.1 % Solids: 91.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853600 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.036	U	0.036	0.0077
94-75-7	2,4-D	0.036	U	0.036	0.013
93-72-1	Silvex (2,4,5-TP)	0.036	U	0.036	0.0038

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	134		27-150

FORM I 8151A

MJ 8/1/22

17

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-02 | Lab Sample ID: 460-260996-3

Matrix: Water | Lab File ID: 15F0012906.D

Analysis Method: 8151A | Date Collected: 06/28/2022 10:45

Extraction Method: 8151A | Date Extracted: 07/01/2022 09:01

Sample wt/vol: 250(mL) | Date Analyzed: 07/05/2022 07:43

Con. Extract Vol.: 3(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: DB-5 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853557 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	1.2	U	1.2	0.12
94-75-7	2,4-D	1.2	U	1.2	0.13
93-72-1	Silvex (2,4,5-TP)	1.2	U	1.2	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	100		10-150

MT 8/10/22

18

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-W (1-4) Lab Sample ID: 460-260996-4

Matrix: Solid Lab File ID: 15F0012943.D

Analysis Method: 8151A Date Collected: 06/28/2022 11:50

Extraction Method: 8151A Date Extracted: 07/01/2022 19:22

Sample wt/vol: 30.02(g) Date Analyzed: 07/05/2022 16:20

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.1 % Solids: 90.9 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853600 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.037	U	0.037	0.0078
94-75-7	2,4-D	0.037	U	0.037	0.013
93-72-1	Silvex (2,4,5-TP)	0.037	U	0.037	0.0038

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	145		27-150

FORM I 8151A

MT 8/9/22

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-W (20-22) Lab Sample ID: 460-260996-5

Matrix: Solid Lab File ID: 15F0012944.D

Analysis Method: 8151A Date Collected: 06/28/2022 12:00

Extraction Method: 8151A Date Extracted: 07/01/2022 19:22

Sample wt/vol: 30.03(g) Date Analyzed: 07/05/2022 16:34

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 16.9 % Solids: 83.1 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853600 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.040	U	0.040	0.0085
94-75-7	2,4-D	0.040	U	0.040	0.015
93-72-1	Silvex (2,4,5-TP)	0.040	U	0.040	0.0042

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	135		27-150

MT 8/11/22

20

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-06-E (1-3) Lab Sample ID: 460-260996-6

Matrix: Solid Lab File ID: 15F0012945.D

Analysis Method: 8151A Date Collected: 06/28/2022 13:40

Extraction Method: 8151A Date Extracted: 07/01/2022 19:22

Sample wt/vol: 30.05(g) Date Analyzed: 07/05/2022 16:47

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.5 % Solids: 93.5 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853600 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.036	U	0.036	0.0076
94-75-7	2,4-D	0.036	U	0.036	0.013
93-72-1	Silvex (2,4,5-TP)	0.036	U	0.036	0.0037

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	172	✓	27-150

FORM I 8151A

MM 8/11/22

21

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-14 (1-4) | Lab Sample ID: 460-261082-1

Matrix: Solid | Lab File ID: 15F0012938.D

Analysis Method: 8151A | Date Collected: 06/29/2022 10:37

Extraction Method: 8151A | Date Extracted: 07/01/2022 19:22

Sample wt/vol: 30.02(g) | Date Analyzed: 07/05/2022 15:12

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.4 % Solids: 85.6 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853600 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.039	U	0.039	0.0083
94-75-7	2,4-D	0.039	U	0.039	0.014
93-72-1	Silvex (2,4,5-TP)	0.039	U	0.039	0.0041

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	139		27-150

FORM I 8151A

MT 8/1/22

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

22

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-SB-14 (12-15) | Lab Sample ID: 460-261082-2

Matrix: Solid | Lab File ID: 15F0012939.D

Analysis Method: 8151A | Date Collected: 06/29/2022 11:35

Extraction Method: 8151A | Date Extracted: 07/01/2022 19:22

Sample wt/vol: 30.03(g) | Date Analyzed: 07/05/2022 15:26

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.0 % Solids: 92.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853600 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.036	U	0.036	0.0077
94-75-7	2,4-D	0.036	U	0.036	0.013
93-72-1	Silvex (2,4,5-TP)	0.036	U	0.036	0.0038

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	132		27-150

FORM I 8151A

MT 8/1/22

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

23

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-DUP-02 | Lab Sample ID: 460-261082-3

Matrix: Solid | Lab File ID: 15F0012940.D

Analysis Method: 8151A | Date Collected: 06/29/2022 11:40

Extraction Method: 8151A | Date Extracted: 07/01/2022 19:22

Sample wt/vol: 30.05(g) | Date Analyzed: 07/05/2022 15:39

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.5 % Solids: 94.5 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853600 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.035	U	0.035	0.0075
94-75-7	2,4-D	0.035	U	0.035	0.013
93-72-1	Silvex (2,4,5-TP)	0.035	U	0.035	0.0037

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	126		27-150

MM 8/1/22

24

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-260931-1

SDG No.:

Client Sample ID: TRC-EB-03 Lab Sample ID: 460-261082-4

Matrix: Water Lab File ID: 15F0012907.D

Analysis Method: 8151A Date Collected: 06/29/2022 12:05

Extraction Method: 8151A Date Extracted: 07/01/2022 09:01

Sample wt/vol: 250(mL) Date Analyzed: 07/05/2022 07:57

Con. Extract Vol.: 3(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB-5 ID: 0.53(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853557 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	1.2	U	1.2	0.12
94-75-7	2,4-D	1.2	U	1.2	0.13
93-72-1	Silvex (2,4,5-TP)	1.2	U	1.2	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	116		10-150

MT 8/11/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TRC-SB-20 (1-4)
Lab Sample ID: 460-260931-1
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 09:05
Reporting Basis: DRY
Date Received: 06/27/2022 19:00
% Solids: 92.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	14000	17.4	4.8	mg/Kg			1	6020B
7440-36-0	Antimony	0.44	0.87	0.13	mg/Kg	J		1	6020B
7440-38-2	Arsenic	7.4	0.87	0.090	mg/Kg			1	6020B
7440-39-3	Barium	150	1.7	0.13	mg/Kg			1	6020B
7440-41-7	Beryllium	0.74	0.35	0.050	mg/Kg			1	6020B
7440-43-9	Cadmium	0.38	0.87	0.098	mg/Kg	J		1	6020B
7440-70-2	Calcium	3260	87.1	15.4	mg/Kg			1	6020B
7440-47-3	Chromium	23.6	1.7	0.79	mg/Kg	J		1	6020B
7440-48-4	Cobalt	8.3	1.7	0.13	mg/Kg	J		1	6020B
7440-50-8	Copper	52.6	1.7	0.32	mg/Kg			1	6020B
7439-89-6	Iron	27800	52.3	17.6	mg/Kg			1	6020B
7439-92-1	Lead	370	0.52	0.17	mg/Kg			1	6020B
7439-95-4	Magnesium	4410	87.1	8.9	mg/Kg			1	6020B
7439-96-5	Manganese	262	3.5	0.35	mg/Kg			1	6020B
7440-02-0	Nickel	28.9	1.7	0.41	mg/Kg	J		1	6020B
7440-09-7	Potassium	1320	87.1	14.1	mg/Kg			1	6020B
7782-49-2	Selenium	0.57	1.1	0.11	mg/Kg	J		1	6020B
7440-22-4	Silver	0.41	0.35	0.078	mg/Kg			1	6020B
7440-23-5	Sodium	214	87.1	39.8	mg/Kg	J		1	6020B
7440-28-0	Thallium	0.14	0.35	0.036	mg/Kg	J		1	6020B
7440-62-2	Vanadium	29.6	1.7	0.18	mg/Kg	J		1	6020B
7440-66-6	Zinc	254	7.0	2.7	mg/Kg			1	6020B
7439-97-6	Mercury	319	6.9	3.2	mg/Kg			400	7471B

MT 8/W/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

2

Client Sample ID: TRC-SB-20 (12-15)
Lab Sample ID: 460-260931-2
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 09:10
Reporting Basis: DRY
Date Received: 06/27/2022 19:00
% Solids: 84.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	10800	17.8	4.9	mg/Kg			1	6020B
7440-36-0	Antimony	0.89	0.89	0.13	mg/Kg	U		1	6020B
7440-38-2	Arsenic	1.6	0.89	0.092	mg/Kg			1	6020B
7440-39-3	Barium	22.0	1.8	0.13	mg/Kg			1	6020B
7440-41-7	Beryllium	0.28	0.36	0.051	mg/Kg	J		1	6020B
7440-43-9	Cadmium	0.89	0.89	0.10	mg/Kg	U		1	6020B
7440-70-2	Calcium	766	89.1	15.8	mg/Kg			1	6020B
7440-47-3	Chromium	15.7	1.8	0.81	mg/Kg	J		1	6020B
7440-48-4	Cobalt	3.3	1.8	0.13	mg/Kg	J		1	6020B
7440-50-8	Copper	8.9	1.8	0.33	mg/Kg			1	6020B
7439-89-6	Iron	7620	53.5	18.0	mg/Kg			1	6020B
7439-92-1	Lead	10.4	0.53	0.18	mg/Kg			1	6020B
7439-95-4	Magnesium	1980	89.1	9.1	mg/Kg			1	6020B
7439-96-5	Manganese	57.1	3.6	0.36	mg/Kg			1	6020B
7440-02-0	Nickel	12.4	1.8	0.42	mg/Kg	J		1	6020B
7440-09-7	Potassium	843	89.1	14.4	mg/Kg			1	6020B
7782-49-2	Selenium	0.27	1.1	0.11	mg/Kg	J		1	6020B
7440-22-4	Silver	0.36	0.36	0.079	mg/Kg	U		1	6020B
7440-23-5	Sodium	125	89.1	40.7	mg/Kg	J		1	6020B
7440-28-0	Thallium	0.059	0.36	0.037	mg/Kg	J		1	6020B
7440-62-2	Vanadium	17.6	1.8	0.18	mg/Kg	J		1	6020B
7440-66-6	Zinc	33.0	7.1	2.7	mg/Kg			1	6020B
7439-97-6	Mercury	0.020	0.018	0.0084	mg/Kg			1	7471B

MF 8/1/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

3

Client Sample ID: TRC-SB-19 (1-4)
Lab Sample ID: 460-260931-3
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 09:45
Reporting Basis: DRY
Date Received: 06/27/2022 19:00
% Solids: 92.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	7870	17.3	4.7	mg/Kg			1	6020B
7440-36-0	Antimony	0.86	0.86	0.13	mg/Kg	U J		1	6020B
7440-38-2	Arsenic	4.4	0.86	0.089	mg/Kg			1	6020B
7440-39-3	Barium	20.6	1.7	0.13	mg/Kg			1	6020B
7440-41-7	Beryllium	0.32	0.35	0.049	mg/Kg	J		1	6020B
7440-43-9	Cadmium	0.86	0.86	0.097	mg/Kg	U		1	6020B
7440-70-2	Calcium	785	86.3	15.3	mg/Kg			1	6020B
7440-47-3	Chromium	12.7	1.7	0.78	mg/Kg			1	6020B
7440-48-4	Cobalt	5.7	1.7	0.13	mg/Kg			1	6020B
7440-50-8	Copper	7.9	1.7	0.32	mg/Kg			1	6020B
7439-89-6	Iron	14000	51.8	17.4	mg/Kg			1	6020B
7439-92-1	Lead	10.6	0.52	0.17	mg/Kg			1	6020B
7439-95-4	Magnesium	1720	86.3	8.8	mg/Kg	J		1	6020B
7439-96-5	Manganese	149	3.5	0.35	mg/Kg	J		1	6020B
7440-02-0	Nickel	12.6	1.7	0.41	mg/Kg			1	6020B
7440-09-7	Potassium	536	86.3	14.0	mg/Kg			1	6020B
7782-49-2	Selenium	0.14	1.1	0.11	mg/Kg	J		1	6020B
7440-22-4	Silver	0.35	0.35	0.077	mg/Kg	U		1	6020B
7440-23-5	Sodium	73.8	86.3	39.4	mg/Kg	J		1	6020B
7440-28-0	Thallium	0.035	0.35	0.035	mg/Kg	J		1	6020B
7440-62-2	Vanadium	18.2	1.7	0.18	mg/Kg			1	6020B
7440-66-6	Zinc	23.8	6.9	2.6	mg/Kg			1	6020B
7439-97-6	Mercury	0.058	0.018	0.0086	mg/Kg			1	7471B

MT 8/1/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

4

Client Sample ID: TRC-SB-19 (12-15)
Lab Sample ID: 460-260931-4
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 09:55
Reporting Basis: DRY
Date Received: 06/27/2022 19:00
% Solids: 85.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	9380	18.5	5.1	mg/Kg			1	6020B
7440-36-0	Antimony	0.93	0.93	0.14	mg/Kg	J US		1	6020B
7440-38-2	Arsenic	1.8	0.93	0.096	mg/Kg			1	6020B
7440-39-3	Barium	47.0	1.9	0.13	mg/Kg			1	6020B
7440-41-7	Beryllium	0.75	0.37	0.053	mg/Kg			1	6020B
7440-43-9	Cadmium	0.93	0.93	0.10	mg/Kg	U		1	6020B
7440-70-2	Calcium	642	92.7	16.4	mg/Kg			1	6020B
7440-47-3	Chromium	18.2	1.9	0.84	mg/Kg			1	6020B
7440-48-4	Cobalt	6.5	1.9	0.14	mg/Kg			1	6020B
7440-50-8	Copper	13.5	1.9	0.34	mg/Kg			1	6020B
7439-89-6	Iron	11000	55.6	18.7	mg/Kg			1	6020B
7439-92-1	Lead	8.6	0.56	0.19	mg/Kg			1	6020B
7439-95-4	Magnesium	2870	92.7	9.5	mg/Kg	J		1	6020B
7439-96-5	Manganese	68.7	3.7	0.37	mg/Kg	J		1	6020B
7440-02-0	Nickel	17.5	1.9	0.44	mg/Kg			1	6020B
7440-09-7	Potassium	683	92.7	15.0	mg/Kg			1	6020B
7782-49-2	Selenium	1.2	1.2	0.12	mg/Kg	U		1	6020B
7440-22-4	Silver	0.37	0.37	0.083	mg/Kg	U		1	6020B
7440-23-5	Sodium	85.8	92.7	42.4	mg/Kg	J		1	6020B
7440-28-0	Thallium	0.095	0.37	0.038	mg/Kg	J		1	6020B
7440-62-2	Vanadium	18.5	1.9	0.19	mg/Kg			1	6020B
7440-66-6	Zinc	63.9	7.4	2.8	mg/Kg			1	6020B
7439-97-6	Mercury	0.019	0.019	0.0090	mg/Kg	U		1	7471B

MT 8/1/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

5

Client Sample ID: TRC-SB-19 (22.5-24.5)
Lab Sample ID: 460-260931-5
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 11:11
Reporting Basis: DRY
Date Received: 06/27/2022 19:00
% Solids: 91.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	5700	17.0	4.7	mg/Kg			1	6020B
7440-36-0	Antimony	0.85	0.85	0.12	mg/Kg	U		1	6020B
7440-38-2	Arsenic	1.9	0.85	0.088	mg/Kg			1	6020B
7440-39-3	Barium	29.1	1.7	0.12	mg/Kg			1	6020B
7440-41-7	Beryllium	0.38	0.34	0.049	mg/Kg			1	6020B
7440-43-9	Cadmium	0.85	0.85	0.096	mg/Kg	U		1	6020B
7440-70-2	Calcium	717	85.1	15.1	mg/Kg			1	6020B
7440-47-3	Chromium	13.1	1.7	0.77	mg/Kg			1	6020B
7440-48-4	Cobalt	4.9	1.7	0.13	mg/Kg			1	6020B
7440-50-8	Copper	12.0	1.7	0.31	mg/Kg			1	6020B
7439-89-6	Iron	9940	51.1	17.2	mg/Kg			1	6020B
7439-92-1	Lead	9.0	0.51	0.17	mg/Kg			1	6020B
7439-95-4	Magnesium	2070	85.1	8.7	mg/Kg	J		1	6020B
7439-96-5	Manganese	85.1	3.4	0.34	mg/Kg	J		1	6020B
7440-02-0	Nickel	10.7	1.7	0.40	mg/Kg			1	6020B
7440-09-7	Potassium	790	85.1	13.8	mg/Kg			1	6020B
7782-49-2	Selenium	1.1	1.1	0.11	mg/Kg	U		1	6020B
7440-22-4	Silver	0.34	0.34	0.076	mg/Kg	U		1	6020B
7440-23-5	Sodium	74.0	85.1	38.9	mg/Kg	J		1	6020B
7440-28-0	Thallium	0.052	0.34	0.035	mg/Kg	J		1	6020B
7440-62-2	Vanadium	18.5	1.7	0.18	mg/Kg			1	6020B
7440-66-6	Zinc	26.7	6.8	2.6	mg/Kg			1	6020B
7439-97-6	Mercury	0.018	0.018	0.0086	mg/Kg	U		1	7471B

MT 8/1/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

6

Client Sample ID: TRC-SB-18 (1-4)
Lab Sample ID: 460-260931-6
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 12:00
Reporting Basis: DRY
Date Received: 06/27/2022 19:00
% Solids: 91.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	6540	20.5	5.6	mg/Kg			1	6020B
7440-36-0	Antimony	1.5	1.0	0.15	mg/Kg	J		1	6020B
7440-38-2	Arsenic	3.8	1.0	0.11	mg/Kg			1	6020B
7440-39-3	Barium	107	2.1	0.15	mg/Kg			1	6020B
7440-41-7	Beryllium	0.44	0.41	0.059	mg/Kg			1	6020B
7440-43-9	Cadmium	0.15	1.0	0.12	mg/Kg	J		1	6020B
7440-70-2	Calcium	2500	103	18.2	mg/Kg	J		1	6020B
7440-47-3	Chromium	12.8	2.1	0.93	mg/Kg	J		1	6020B
7440-48-4	Cobalt	4.7	2.1	0.15	mg/Kg			1	6020B
7440-50-8	Copper	19.4	2.1	0.38	mg/Kg			1	6020B
7439-89-6	Iron	11400	61.6	20.8	mg/Kg			1	6020B
7439-92-1	Lead	231	0.62	0.21	mg/Kg			1	6020B
7439-95-4	Magnesium	2500	103	10.5	mg/Kg	J		1	6020B
7439-96-5	Manganese	261	4.1	0.41	mg/Kg			1	6020B
7440-02-0	Nickel	13.4	2.1	0.48	mg/Kg			1	6020B
7440-09-7	Potassium	1100	103	16.6	mg/Kg			1	6020B
7782-49-2	Selenium	0.26	1.3	0.13	mg/Kg	J		1	6020B
7440-22-4	Silver	0.41	0.41	0.091	mg/Kg	U		1	6020B
7440-23-5	Sodium	175	103	47.0	mg/Kg			1	6020B
7440-28-0	Thallium	0.079	0.41	0.042	mg/Kg	J		1	6020B
7440-62-2	Vanadium	18.6	2.1	0.21	mg/Kg	J		1	6020B
7440-66-6	Zinc	94.2	8.2	3.1	mg/Kg	J		1	6020B
7439-97-6	Mercury	3.9	0.37	0.18	mg/Kg			20	7471B

MT 8/1/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

7

Client Sample ID: TRC-SB-18 (12-15)
Lab Sample ID: 460-260931-7
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 12:05
Reporting Basis: DRY
Date Received: 06/27/2022 19:00
% Solids: 82.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	10700	22.5	6.2	mg/Kg			1	6020B
7440-36-0	Antimony	1.1	1.1	0.16	mg/Kg	U		1	6020B
7440-38-2	Arsenic	1.5	1.1	0.12	mg/Kg			1	6020B
7440-39-3	Barium	73.6	2.3	0.16	mg/Kg			1	6020B
7440-41-7	Beryllium	0.46	0.45	0.064	mg/Kg			1	6020B
7440-43-9	Cadmium	1.1	1.1	0.13	mg/Kg	U		1	6020B
7440-70-2	Calcium	813	113	19.9	mg/Kg	J		1	6020B
7440-47-3	Chromium	17.5	2.3	1.0	mg/Kg	J		1	6020B
7440-48-4	Cobalt	2.4	2.3	0.17	mg/Kg			1	6020B
7440-50-8	Copper	15.2	2.3	0.41	mg/Kg			1	6020B
7439-89-6	Iron	6720	67.6	22.8	mg/Kg			1	6020B
7439-92-1	Lead	8.7	0.68	0.23	mg/Kg			1	6020B
7439-95-4	Magnesium	1580	113	11.5	mg/Kg	J		1	6020B
7439-96-5	Manganese	44.7	4.5	0.45	mg/Kg			1	6020B
7440-02-0	Nickel	8.8	2.3	0.53	mg/Kg			1	6020B
7440-09-7	Potassium	1010	113	18.3	mg/Kg			1	6020B
7782-49-2	Selenium	1.4	1.4	0.14	mg/Kg	U		1	6020B
7440-22-4	Silver	0.45	0.45	0.10	mg/Kg	U		1	6020B
7440-23-5	Sodium	227	113	51.5	mg/Kg			1	6020B
7440-28-0	Thallium	0.15	0.45	0.046	mg/Kg	J		1	6020B
7440-62-2	Vanadium	15.5	2.3	0.23	mg/Kg	J		1	6020B
7440-66-6	Zinc	42.6	9.0	3.4	mg/Kg	J		1	6020B
7439-97-6	Mercury	0.020	0.020	0.0093	mg/Kg	U		1	7471B

MT 8/1/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

8

Client Sample ID: TRC-DUP-01
Lab Sample ID: 460-260931-8
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 12:10
Reporting Basis: DRY
Date Received: 06/27/2022 19:00
% Solids: 82.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	11800	23.3	6.4	mg/Kg			1	6020B
7440-36-0	Antimony	1.2	1.2	0.17	mg/Kg	U J		1	6020B
7440-38-2	Arsenic	2.6	1.2	0.12	mg/Kg			1	6020B
7440-39-3	Barium	60.7	2.3	0.17	mg/Kg			1	6020B
7440-41-7	Beryllium	0.71	0.47	0.067	mg/Kg			1	6020B
7440-43-9	Cadmium	1.2	1.2	0.13	mg/Kg	U		1	6020B
7440-70-2	Calcium	964	117	20.7	mg/Kg	J		1	6020B
7440-47-3	Chromium	20.6	2.3	1.1	mg/Kg	J		1	6020B
7440-48-4	Cobalt	3.6	2.3	0.17	mg/Kg			1	6020B
7440-50-8	Copper	17.6	2.3	0.43	mg/Kg			1	6020B
7439-89-6	Iron	9690	70.0	23.6	mg/Kg			1	6020B
7439-92-1	Lead	11.3	0.70	0.23	mg/Kg			1	6020B
7439-95-4	Magnesium	2380	117	11.9	mg/Kg	J		1	6020B
7439-96-5	Manganese	64.6	4.7	0.47	mg/Kg			1	6020B
7440-02-0	Nickel	12.0	2.3	0.55	mg/Kg			1	6020B
7440-09-7	Potassium	1170	117	18.9	mg/Kg			1	6020B
7782-49-2	Selenium	0.32	1.5	0.15	mg/Kg	J		1	6020B
7440-22-4	Silver	0.47	0.47	0.10	mg/Kg	U		1	6020B
7440-23-5	Sodium	266	117	53.3	mg/Kg			1	6020B
7440-28-0	Thallium	0.17	0.47	0.048	mg/Kg	J		1	6020B
7440-62-2	Vanadium	25.6	2.3	0.24	mg/Kg	J		1	6020B
7440-66-6	Zinc	54.3	9.3	3.6	mg/Kg	J		1	6020B
7439-97-6	Mercury	0.018	0.018	0.0086	mg/Kg	U		1	7471B

MT 8/11/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

9

Client Sample ID: TRC-SB-13 (1-4)
Lab Sample ID: 460-260931-9
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 13:05
Reporting Basis: DRY
Date Received: 06/27/2022 19:00
% Solids: 89.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	13200	21.2	5.8	mg/Kg			1	6020B
7440-36-0	Antimony	0.37	1.1	0.15	mg/Kg	~~J~~ J		1	6020B
7440-38-2	Arsenic	7.7	1.1	0.11	mg/Kg			1	6020B
7440-39-3	Barium	118	2.1	0.15	mg/Kg			1	6020B
7440-41-7	Beryllium	0.71	0.42	0.060	mg/Kg			1	6020B
7440-43-9	Cadmium	0.26	1.1	0.12	mg/Kg	J		1	6020B
7440-70-2	Calcium	1280	106	18.8	mg/Kg	J		1	6020B
7440-47-3	Chromium	19.2	2.1	0.96	mg/Kg	J		1	6020B
7440-48-4	Cobalt	6.6	2.1	0.16	mg/Kg			1	6020B
7440-50-8	Copper	31.9	2.1	0.39	mg/Kg			1	6020B
7439-89-6	Iron	15200	63.6	21.4	mg/Kg			1	6020B
7439-92-1	Lead	371	0.64	0.21	mg/Kg			1	6020B
7439-95-4	Magnesium	2760	106	10.8	mg/Kg	J		1	6020B
7439-96-5	Manganese	296	4.2	0.43	mg/Kg			1	6020B
7440-02-0	Nickel	23.2	2.1	0.50	mg/Kg			1	6020B
7440-09-7	Potassium	1230	106	17.2	mg/Kg			1	6020B
7782-49-2	Selenium	0.59	1.3	0.14	mg/Kg	J		1	6020B
7440-22-4	Silver	0.18	0.42	0.094	mg/Kg	J		1	6020B
7440-23-5	Sodium	313	106	48.5	mg/Kg			1	6020B
7440-28-0	Thallium	0.14	0.42	0.043	mg/Kg	J		1	6020B
7440-62-2	Vanadium	26.1	2.1	0.22	mg/Kg	J		1	6020B
7440-66-6	Zinc	143	8.5	3.2	mg/Kg	J		1	6020B
7439-97-6	Mercury	0.22	0.017	0.0079	mg/Kg			1	7471B

MM 8/1/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

10

Client Sample ID: TRC-SB-12 (1-4)
Lab Sample ID: 460-260931-10
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 13:20
Reporting Basis: DRY
Date Received: 06/27/2022 19:00
% Solids: 94.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	9090	20.6	5.7	mg/Kg			1	6020B
7440-36-0	Antimony	1.0	1.0	0.15	mg/Kg	J U		1	6020B
7440-38-2	Arsenic	4.9	1.0	0.11	mg/Kg			1	6020B
7440-39-3	Barium	44.4	2.1	0.15	mg/Kg			1	6020B
7440-41-7	Beryllium	0.57	0.41	0.059	mg/Kg			1	6020B
7440-43-9	Cadmium	1.0	1.0	0.12	mg/Kg	U		1	6020B
7440-70-2	Calcium	1040	103	18.3	mg/Kg	J		1	6020B
7440-47-3	Chromium	13.2	2.1	0.94	mg/Kg	J		1	6020B
7440-48-4	Cobalt	5.4	2.1	0.15	mg/Kg			1	6020B
7440-50-8	Copper	19.3	2.1	0.38	mg/Kg			1	6020B
7439-89-6	Iron	12800	61.9	20.8	mg/Kg			1	6020B
7439-92-1	Lead	104	0.62	0.21	mg/Kg			1	6020B
7439-95-4	Magnesium	3120	103	10.5	mg/Kg	J		1	6020B
7439-96-5	Manganese	292	4.1	0.42	mg/Kg			1	6020B
7440-02-0	Nickel	15.0	2.1	0.48	mg/Kg			1	6020B
7440-09-7	Potassium	1390	103	16.7	mg/Kg			1	6020B
7782-49-2	Selenium	0.13	1.3	0.13	mg/Kg	J		1	6020B
7440-22-4	Silver	0.41	0.41	0.092	mg/Kg	U		1	6020B
7440-23-5	Sodium	177	103	47.1	mg/Kg			1	6020B
7440-28-0	Thallium	0.10	0.41	0.042	mg/Kg	J		1	6020B
7440-62-2	Vanadium	22.4	2.1	0.21	mg/Kg	J		1	6020B
7440-66-6	Zinc	43.8	8.3	3.1	mg/Kg	J		1	6020B
7439-97-6	Mercury	0.25	0.018	0.0084	mg/Kg			1	7471B

MT 8/10/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

11

Client Sample ID: TRC-EB-01
Lab Sample ID: 460-260931-11
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Water
Date Sampled: 06/27/2022 14:05
Reporting Basis: WET
Date Received: 06/27/2022 19:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	40.0	40.0	19.5	ug/L	U		1	6020B
7440-36-0	Antimony	2.0	2.0	0.76	ug/L	U		1	6020B
7440-38-2	Arsenic	2.0	2.0	0.89	ug/L	U		1	6020B
7440-39-3	Barium	4.0	4.0	0.91	ug/L	U		1	6020B
7440-41-7	Beryllium	0.80	0.80	0.13	ug/L	U		1	6020B
7440-43-9	Cadmium	2.0	2.0	0.39	ug/L	U		1	6020B
7440-70-2	Calcium	500	500	53.6	ug/L	U		1	6020B
7440-47-3	Chromium	4.0	4.0	2.5	ug/L	U		1	6020B
7440-48-4	Cobalt	4.0	4.0	0.71	ug/L	U		1	6020B
7440-50-8	Copper	4.0	4.0	2.5	ug/L	U		1	6020B
7439-89-6	Iron	120	120	58.2	ug/L	U		1	6020B
7439-92-1	Lead	1.2	1.2	0.84	ug/L	U		1	6020B
7439-95-4	Magnesium	200	200	46.9	ug/L	U		1	6020B
7439-96-5	Manganese	8.0	8.0	1.5	ug/L	U		1	6020B
7440-02-0	Nickel	4.0	4.0	0.91	ug/L	U		1	6020B
7440-09-7	Potassium	200	200	112	ug/L	U		1	6020B
7782-49-2	Selenium	2.5	2.5	0.59	ug/L	U		1	6020B
7440-22-4	Silver	2.0	2.0	0.29	ug/L	U		1	6020B
7440-23-5	Sodium	500	500	163	ug/L	U		1	6020B
7440-28-0	Thallium	0.80	0.80	0.21	ug/L	U		1	6020B
7440-62-2	Vanadium	4.0	4.0	0.68	ug/L	U		1	6020B
7440-66-6	Zinc	16.0	16.0	6.5	ug/L	U		1	6020B
7439-97-6	Mercury	0.20	0.20	0.091	ug/L	U		1	7470A

MT 8/Wn

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

12

Client Sample ID: TRC-SB-06-N (20.5-22.5)
Lab Sample ID: 460-260931-12
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 14:40
Reporting Basis: DRY
Date Received: 06/27/2022 19:00
% Solids: 93.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	5320	21.1	5.8	mg/Kg			1	6020B
7440-36-0	Antimony	1.1	1.1	0.15	mg/Kg	U		1	6020B
7440-38-2	Arsenic	2.6	1.1	0.11	mg/Kg			1	6020B
7440-39-3	Barium	36.4	2.1	0.15	mg/Kg			1	6020B
7440-41-7	Beryllium	0.51	0.42	0.060	mg/Kg			1	6020B
7440-43-9	Cadmium	1.1	1.1	0.12	mg/Kg	U		1	6020B
7440-70-2	Calcium	905	105	18.7	mg/Kg	J		1	6020B
7440-47-3	Chromium	9.9	2.1	0.96	mg/Kg	J		1	6020B
7440-48-4	Cobalt	4.4	2.1	0.16	mg/Kg			1	6020B
7440-50-8	Copper	11.4	2.1	0.39	mg/Kg			1	6020B
7439-89-6	Iron	12100	63.2	21.3	mg/Kg			1	6020B
7439-92-1	Lead	6.0	0.63	0.21	mg/Kg			1	6020B
7439-95-4	Magnesium	2400	105	10.7	mg/Kg	J		1	6020B
7439-96-5	Manganese	264	4.2	0.42	mg/Kg			1	6020B
7440-02-0	Nickel	11.5	2.1	0.50	mg/Kg			1	6020B
7440-09-7	Potassium	1000	105	17.1	mg/Kg			1	6020B
7782-49-2	Selenium	1.3	1.3	0.13	mg/Kg	U		1	6020B
7440-22-4	Silver	0.42	0.42	0.094	mg/Kg	U		1	6020B
7440-23-5	Sodium	86.3	105	48.2	mg/Kg	J		1	6020B
7440-28-0	Thallium	0.064	0.42	0.043	mg/Kg	J		1	6020B
7440-62-2	Vanadium	17.1	2.1	0.22	mg/Kg	J		1	6020B
7440-66-6	Zinc	26.9	8.4	3.2	mg/Kg	J		1	6020B
7439-97-6	Mercury	0.0082	0.018	0.0082	mg/Kg	J		1	7471B

MM 8/1/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

13

Client Sample ID: TRC-SB-06-N (13-15)
Lab Sample ID: 460-260931-13
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 15:00
Reporting Basis: DRY
Date Received: 06/27/2022 19:00
% Solids: 95.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	8170	19.4	5.3	mg/Kg			1	6020B
7440-36-0	Antimony	0.97	0.97	0.14	mg/Kg	U J		1	6020B
7440-38-2	Arsenic	1.4	0.97	0.10	mg/Kg			1	6020B
7440-39-3	Barium	20.5	1.9	0.14	mg/Kg			1	6020B
7440-41-7	Beryllium	0.30	0.39	0.055	mg/Kg	J		1	6020B
7440-43-9	Cadmium	0.97	0.97	0.11	mg/Kg	U		1	6020B
7440-70-2	Calcium	849	97.1	17.2	mg/Kg	J		1	6020B
7440-47-3	Chromium	12.4	1.9	0.88	mg/Kg	J		1	6020B
7440-48-4	Cobalt	6.6	1.9	0.14	mg/Kg			1	6020B
7440-50-8	Copper	14.1	1.9	0.36	mg/Kg			1	6020B
7439-89-6	Iron	8490	58.2	19.6	mg/Kg			1	6020B
7439-92-1	Lead	7.9	0.58	0.19	mg/Kg			1	6020B
7439-95-4	Magnesium	3030	97.1	9.9	mg/Kg	J		1	6020B
7439-96-5	Manganese	94.4	3.9	0.39	mg/Kg			1	6020B
7440-02-0	Nickel	27.6	1.9	0.46	mg/Kg			1	6020B
7440-09-7	Potassium	966	97.1	15.7	mg/Kg			1	6020B
7782-49-2	Selenium	1.2	1.2	0.12	mg/Kg	U		1	6020B
7440-22-4	Silver	0.39	0.39	0.086	mg/Kg	U		1	6020B
7440-23-5	Sodium	52.4	97.1	44.4	mg/Kg	J		1	6020B
7440-28-0	Thallium	0.064	0.39	0.040	mg/Kg	J		1	6020B
7440-62-2	Vanadium	15.3	1.9	0.20	mg/Kg	J		1	6020B
7440-66-6	Zinc	34.5	7.8	3.0	mg/Kg	J		1	6020B
7439-97-6	Mercury	0.017	0.017	0.0079	mg/Kg	U		1	7471B

MT 8/1/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

14

Client Sample ID: TRC-SB-06-N (1-4)
Lab Sample ID: 460-260931-14
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 15:05
Reporting Basis: DRY
Date Received: 06/27/2022 19:00
% Solids: 89.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	10200	21.3	5.9	mg/Kg			1	6020B
7440-36-0	Antimony	4.1	1.1	0.16	mg/Kg	J		1	6020B
7440-38-2	Arsenic	5.6	1.1	0.11	mg/Kg			1	6020B
7440-39-3	Barium	129	2.1	0.15	mg/Kg			1	6020B
7440-41-7	Beryllium	0.53	0.43	0.061	mg/Kg			1	6020B
7440-43-9	Cadmium	0.29	1.1	0.12	mg/Kg	J		1	6020B
7440-70-2	Calcium	1900	107	18.9	mg/Kg	J		1	6020B
7440-47-3	Chromium	15.6	2.1	0.97	mg/Kg	J		1	6020B
7440-48-4	Cobalt	6.1	2.1	0.16	mg/Kg			1	6020B
7440-50-8	Copper	21.6	2.1	0.39	mg/Kg			1	6020B
7439-89-6	Iron	14700	64.0	21.5	mg/Kg			1	6020B
7439-92-1	Lead	278	0.64	0.21	mg/Kg			1	6020B
7439-95-4	Magnesium	2770	107	10.9	mg/Kg	J		1	6020B
7439-96-5	Manganese	256	4.3	0.43	mg/Kg			1	6020B
7440-02-0	Nickel	24.0	2.1	0.50	mg/Kg			1	6020B
7440-09-7	Potassium	968	107	17.3	mg/Kg			1	6020B
7782-49-2	Selenium	0.33	1.3	0.14	mg/Kg	J		1	6020B
7440-22-4	Silver	0.11	0.43	0.095	mg/Kg	J		1	6020B
7440-23-5	Sodium	112	107	48.7	mg/Kg			1	6020B
7440-28-0	Thallium	0.14	0.43	0.044	mg/Kg	J		1	6020B
7440-62-2	Vanadium	23.4	2.1	0.22	mg/Kg	J		1	6020B
7440-66-6	Zinc	166	8.5	3.3	mg/Kg	J		1	6020B
7439-97-6	Mercury	0.51	0.019	0.0088	mg/Kg			1	7471B

MT 8/11/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

15

Client Sample ID: TRC-SB-16 (1-3)
Lab Sample ID: 460-260996-1
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/28/2022 10:15
Reporting Basis: DRY
Date Received: 06/28/2022 18:00
% Solids: 90.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	9180	20.7	5.7	mg/Kg			1	6020B
7440-36-0	Antimony	1.0	1.0	0.15	mg/Kg	U		1	6020B
7440-38-2	Arsenic	2.4	1.0	0.11	mg/Kg			1	6020B
7440-39-3	Barium	36.9	2.1	0.15	mg/Kg			1	6020B
7440-41-7	Beryllium	0.33	0.41	0.059	mg/Kg	J		1	6020B
7440-43-9	Cadmium	1.0	1.0	0.12	mg/Kg	U		1	6020B
7440-70-2	Calcium	1130	103	18.3	mg/Kg	J		1	6020B
7440-47-3	Chromium	13.6	2.1	0.94	mg/Kg	J		1	6020B
7440-48-4	Cobalt	5.7	2.1	0.15	mg/Kg			1	6020B
7440-50-8	Copper	14.3	2.1	0.38	mg/Kg			1	6020B
7439-89-6	Iron	12000	62.0	20.9	mg/Kg			1	6020B
7439-92-1	Lead	9.4	0.62	0.21	mg/Kg			1	6020B
7439-95-4	Magnesium	2810	103	10.5	mg/Kg	J		1	6020B
7439-96-5	Manganese	120	4.1	0.42	mg/Kg			1	6020B
7440-02-0	Nickel	16.1	2.1	0.49	mg/Kg			1	6020B
7440-09-7	Potassium	1240	103	16.7	mg/Kg			1	6020B
7782-49-2	Selenium	1.3	1.3	0.13	mg/Kg	U		1	6020B
7440-22-4	Silver	0.41	0.41	0.092	mg/Kg	U		1	6020B
7440-23-5	Sodium	110	103	47.2	mg/Kg			1	6020B
7440-28-0	Thallium	0.10	0.41	0.042	mg/Kg	J		1	6020B
7440-62-2	Vanadium	23.6	2.1	0.21	mg/Kg	J		1	6020B
7440-66-6	Zinc	33.0	8.3	3.1	mg/Kg	J		1	6020B
7439-97-6	Mercury	0.018	0.018	0.0083	mg/Kg	U		1	7471B

MT 8/1/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

16

Client Sample ID: TRC-SB-17 (1-2)
Lab Sample ID: 460-260996-2
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/28/2022 08:45
Reporting Basis: DRY
Date Received: 06/28/2022 18:00
% Solids: 91.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	7280	20.3	5.6	mg/Kg			1	6020B
7440-36-0	Antimony	1.0	1.0	0.15	mg/Kg	U J		1	6020B
7440-38-2	Arsenic	3.3	1.0	0.10	mg/Kg			1	6020B
7440-39-3	Barium	42.1	2.0	0.15	mg/Kg			1	6020B
7440-41-7	Beryllium	0.44	0.41	0.058	mg/Kg			1	6020B
7440-43-9	Cadmium	0.14	1.0	0.11	mg/Kg	J		1	6020B
7440-70-2	Calcium	2580	102	18.0	mg/Kg	J		1	6020B
7440-47-3	Chromium	15.4	2.0	0.92	mg/Kg	J		1	6020B
7440-48-4	Cobalt	58.1	2.0	0.15	mg/Kg			1	6020B
7440-50-8	Copper	15.0	2.0	0.37	mg/Kg			1	6020B
7439-89-6	Iron	12100	61.0	20.5	mg/Kg			1	6020B
7439-92-1	Lead	27.7	0.61	0.20	mg/Kg			1	6020B
7439-95-4	Magnesium	2510	102	10.4	mg/Kg	J		1	6020B
7439-96-5	Manganese	275	4.1	0.41	mg/Kg			1	6020B
7440-02-0	Nickel	26.9	2.0	0.48	mg/Kg			1	6020B
7440-09-7	Potassium	1070	102	16.5	mg/Kg			1	6020B
7782-49-2	Selenium	1.3	1.3	0.13	mg/Kg	U		1	6020B
7440-22-4	Silver	0.41	0.41	0.090	mg/Kg	U		1	6020B
7440-23-5	Sodium	102	102	46.5	mg/Kg			1	6020B
7440-28-0	Thallium	0.081	0.41	0.042	mg/Kg	J		1	6020B
7440-62-2	Vanadium	19.6	2.0	0.21	mg/Kg	J		1	6020B
7440-66-6	Zinc	45.3	8.1	3.1	mg/Kg	J		1	6020B
7439-97-6	Mercury	0.018	0.018	0.0087	mg/Kg	U		1	7471B

MT 8/1/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TRC-EB-02
Lab Sample ID: 460-260996-3
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Water
Date Sampled: 06/28/2022 10:45
Reporting Basis: WET
Date Received: 06/28/2022 18:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	40.0	40.0	19.5	ug/L	U		1	6020B
7440-36-0	Antimony	2.0	2.0	0.76	ug/L	U		1	6020B
7440-38-2	Arsenic	2.0	2.0	0.89	ug/L	U		1	6020B
7440-39-3	Barium	4.0	4.0	0.91	ug/L	U		1	6020B
7440-41-7	Beryllium	0.80	0.80	0.13	ug/L	U		1	6020B
7440-43-9	Cadmium	2.0	2.0	0.39	ug/L	U		1	6020B
7440-70-2	Calcium	500	500	53.6	ug/L	U		1	6020B
7440-47-3	Chromium	4.0	4.0	2.5	ug/L	U		1	6020B
7440-48-4	Cobalt	4.0	4.0	0.71	ug/L	U		1	6020B
7440-50-8	Copper	4.0	4.0	2.5	ug/L	U		1	6020B
7439-89-6	Iron	120	120	58.2	ug/L	U		1	6020B
7439-92-1	Lead	1.2	1.2	0.84	ug/L	U		1	6020B
7439-95-4	Magnesium	200	200	46.9	ug/L	U		1	6020B
7439-96-5	Manganese	8.0	8.0	1.5	ug/L	U		1	6020B
7440-02-0	Nickel	4.0	4.0	0.91	ug/L	U		1	6020B
7440-09-7	Potassium	200	200	112	ug/L	U		1	6020B
7782-49-2	Selenium	2.5	2.5	0.59	ug/L	U		1	6020B
7440-22-4	Silver	2.0	2.0	0.29	ug/L	U		1	6020B
7440-23-5	Sodium	500	500	163	ug/L	U		1	6020B
7440-28-0	Thallium	0.80	0.80	0.21	ug/L	U		1	6020B
7440-62-2	Vanadium	4.0	4.0	0.68	ug/L	U		1	6020B
7440-66-6	Zinc	16.0	16.0	6.5	ug/L	U		1	6020B
7439-97-6	Mercury	0.20	0.20	0.091	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TRC-SB-06-W (1-4)
Lab Sample ID: 460-260996-4
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/28/2022 11:50
Reporting Basis: DRY
Date Received: 06/28/2022 18:00
% Solids: 90.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	9330	21.6	5.9	mg/Kg			1	6020B
7440-36-0	Antimony	0.20	1.1	0.16	mg/Kg	J		1	6020B
7440-38-2	Arsenic	4.9	1.1	0.11	mg/Kg			1	6020B
7440-39-3	Barium	85.1	2.2	0.16	mg/Kg			1	6020B
7440-41-7	Beryllium	0.46	0.43	0.061	mg/Kg			1	6020B
7440-43-9	Cadmium	0.12	1.1	0.12	mg/Kg	J		1	6020B
7440-70-2	Calcium	2770	108	19.1	mg/Kg	J		1	6020B
7440-47-3	Chromium	14.1	2.2	0.98	mg/Kg	J		1	6020B
7440-48-4	Cobalt	5.8	2.2	0.16	mg/Kg			1	6020B
7440-50-8	Copper	23.0	2.2	0.40	mg/Kg			1	6020B
7439-89-6	Iron	13500	64.7	21.8	mg/Kg			1	6020B
7439-92-1	Lead	187	0.65	0.22	mg/Kg			1	6020B
7439-95-4	Magnesium	2510	108	11.0	mg/Kg	J		1	6020B
7439-96-5	Manganese	232	4.3	0.43	mg/Kg			1	6020B
7440-02-0	Nickel	19.7	2.2	0.51	mg/Kg			1	6020B
7440-09-7	Potassium	908	108	17.5	mg/Kg			1	6020B
7782-49-2	Selenium	0.28	1.3	0.14	mg/Kg	J		1	6020B
7440-22-4	Silver	0.43	0.43	0.096	mg/Kg	U		1	6020B
7440-23-5	Sodium	787	108	49.3	mg/Kg			1	6020B
7440-28-0	Thallium	0.085	0.43	0.044	mg/Kg	J		1	6020B
7440-62-2	Vanadium	29.1	2.2	0.22	mg/Kg	J		1	6020B
7440-66-6	Zinc	83.4	8.6	3.3	mg/Kg	J		1	6020B
7439-97-6	Mercury	0.33	0.018	0.0087	mg/Kg			1	7471B

MM 8/1/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

19

Client Sample ID: TRC-SB-06-W (20-22)
Lab Sample ID: 460-260996-5
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/28/2022 12:00
Reporting Basis: DRY
Date Received: 06/28/2022 18:00
% Solids: 83.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	6800	22.5	6.2	mg/Kg			1	6020B
7440-36-0	Antimony	1.1	1.1	0.16	mg/Kg	U		1	6020B
7440-38-2	Arsenic	2.2	1.1	0.12	mg/Kg			1	6020B
7440-39-3	Barium	18.8	2.2	0.16	mg/Kg			1	6020B
7440-41-7	Beryllium	0.27	0.45	0.064	mg/Kg	J		1	6020B
7440-43-9	Cadmium	1.1	1.1	0.13	mg/Kg	U		1	6020B
7440-70-2	Calcium	759	112	19.9	mg/Kg	J		1	6020B
7440-47-3	Chromium	13.8	2.2	1.0	mg/Kg	J		1	6020B
7440-48-4	Cobalt	6.3	2.2	0.17	mg/Kg			1	6020B
7440-50-8	Copper	15.1	2.2	0.41	mg/Kg			1	6020B
7439-89-6	Iron	9300	67.5	22.7	mg/Kg			1	6020B
7439-92-1	Lead	6.2	0.67	0.22	mg/Kg			1	6020B
7439-95-4	Magnesium	2750	112	11.5	mg/Kg	J		1	6020B
7439-96-5	Manganese	99.4	4.5	0.45	mg/Kg			1	6020B
7440-02-0	Nickel	31.7	2.2	0.53	mg/Kg			1	6020B
7440-09-7	Potassium	753	112	18.2	mg/Kg			1	6020B
7782-49-2	Selenium	1.4	1.4	0.14	mg/Kg	U		1	6020B
7440-22-4	Silver	0.45	0.45	0.10	mg/Kg	U		1	6020B
7440-23-5	Sodium	54.6	112	51.4	mg/Kg	J		1	6020B
7440-28-0	Thallium	0.049	0.45	0.046	mg/Kg	J		1	6020B
7440-62-2	Vanadium	14.7	2.2	0.23	mg/Kg	J		1	6020B
7440-66-6	Zinc	28.5	9.0	3.4	mg/Kg	J		1	6020B
7439-97-6	Mercury	0.019	0.019	0.0088	mg/Kg	U		1	7471B

MM 8/1/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

20

Client Sample ID: TRC-SB-06-E (1-3)
Lab Sample ID: 460-260996-6
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/28/2022 13:40
Reporting Basis: DRY
Date Received: 06/28/2022 18:00
% Solids: 93.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	6530	17.1	4.7	mg/Kg			1	6020B
7440-36-0	Antimony	0.14	0.86	0.12	mg/Kg	J		1	6020B
7440-38-2	Arsenic	1.8	0.86	0.088	mg/Kg			1	6020B
7440-39-3	Barium	11.4	1.7	0.12	mg/Kg			1	6020B
7440-41-7	Beryllium	0.21	0.34	0.049	mg/Kg	J		1	6020B
7440-43-9	Cadmium	0.86	0.86	0.097	mg/Kg	U		1	6020B
7440-70-2	Calcium	1040	85.6	15.1	mg/Kg			1	6020B
7440-47-3	Chromium	10.2	1.7	0.78	mg/Kg			1	6020B
7440-48-4	Cobalt	13.3	1.7	0.13	mg/Kg			1	6020B
7440-50-8	Copper	8.9	1.7	0.31	mg/Kg			1	6020B
7439-89-6	Iron	7960	51.3	17.3	mg/Kg			1	6020B
7439-92-1	Lead	5.7	0.51	0.17	mg/Kg			1	6020B
7439-95-4	Magnesium	1590	85.6	8.7	mg/Kg	J		1	6020B
7439-96-5	Manganese	120	3.4	0.34	mg/Kg	J		1	6020B
7440-02-0	Nickel	19.1	1.7	0.40	mg/Kg			1	6020B
7440-09-7	Potassium	429	85.6	13.9	mg/Kg			1	6020B
7782-49-2	Selenium	0.18	1.1	0.11	mg/Kg	J		1	6020B
7440-22-4	Silver	0.34	0.34	0.076	mg/Kg	U		1	6020B
7440-23-5	Sodium	85.6	85.6	39.1	mg/Kg	U		1	6020B
7440-28-0	Thallium	0.34	0.34	0.035	mg/Kg	U		1	6020B
7440-62-2	Vanadium	12.9	1.7	0.18	mg/Kg			1	6020B
7440-66-6	Zinc	21.3	6.8	2.6	mg/Kg			1	6020B
7439-97-6	Mercury	0.016	0.017	0.0078	mg/Kg	J		1	7471B

MM 8/1/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

21

Client Sample ID: TRC-SB-14 (1-4)
Lab Sample ID: 460-261082-1
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/29/2022 10:37
Reporting Basis: DRY
Date Received: 06/29/2022 19:00
% Solids: 85.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	6650	19.0	5.2	mg/Kg			1	6020B
7440-36-0	Antimony	0.44	0.95	0.14	mg/Kg	J		1	6020B
7440-38-2	Arsenic	5.6	0.95	0.098	mg/Kg			1	6020B
7440-39-3	Barium	87.5	1.9	0.14	mg/Kg			1	6020B
7440-41-7	Beryllium	0.43	0.38	0.054	mg/Kg			1	6020B
7440-43-9	Cadmium	0.49	0.95	0.11	mg/Kg	J		1	6020B
7440-70-2	Calcium	9560	95.0	16.8	mg/Kg			1	6020B
7440-47-3	Chromium	15.0	1.9	0.86	mg/Kg			1	6020B
7440-48-4	Cobalt	5.3	1.9	0.14	mg/Kg			1	6020B
7440-50-8	Copper	29.1	1.9	0.35	mg/Kg			1	6020B
7439-89-6	Iron	12400	57.0	19.2	mg/Kg			1	6020B
7439-92-1	Lead	125	0.57	0.19	mg/Kg			1	6020B
7439-95-4	Magnesium	6700	95.0	9.7	mg/Kg	J		1	6020B
7439-96-5	Manganese	186	3.8	0.38	mg/Kg	J		1	6020B
7440-02-0	Nickel	20.6	1.9	0.45	mg/Kg			1	6020B
7440-09-7	Potassium	679	95.0	15.4	mg/Kg			1	6020B
7782-49-2	Selenium	0.46	1.2	0.12	mg/Kg	J		1	6020B
7440-22-4	Silver	0.15	0.38	0.085	mg/Kg	J		1	6020B
7440-23-5	Sodium	90.4	95.0	43.4	mg/Kg	J		1	6020B
7440-28-0	Thallium	0.091	0.38	0.039	mg/Kg	J		1	6020B
7440-62-2	Vanadium	21.4	1.9	0.20	mg/Kg			1	6020B
7440-66-6	Zinc	148	7.6	2.9	mg/Kg			1	6020B
7439-97-6	Mercury	0.093	0.020	0.0092	mg/Kg			1	7471B

MM 8/1/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

22

Client Sample ID: TRC-SB-14 (12-15)
Lab Sample ID: 460-261082-2
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/29/2022 11:35
Reporting Basis: DRY
Date Received: 06/29/2022 19:00
% Solids: 92.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	7070	17.1	4.7	mg/Kg			1	6020B
7440-36-0	Antimony	0.86	0.86	0.12	mg/Kg	U		1	6020B
7440-38-2	Arsenic	2.7	0.86	0.088	mg/Kg			1	6020B
7440-39-3	Barium	23.9	1.7	0.12	mg/Kg			1	6020B
7440-41-7	Beryllium	0.31	0.34	0.049	mg/Kg	J		1	6020B
7440-43-9	Cadmium	0.86	0.86	0.097	mg/Kg	U		1	6020B
7440-70-2	Calcium	649	85.6	15.1	mg/Kg			1	6020B
7440-47-3	Chromium	13.2	1.7	0.78	mg/Kg			1	6020B
7440-48-4	Cobalt	4.0	1.7	0.13	mg/Kg			1	6020B
7440-50-8	Copper	10.9	1.7	0.31	mg/Kg			1	6020B
7439-89-6	Iron	10600	51.3	17.3	mg/Kg			1	6020B
7439-92-1	Lead	5.9	0.51	0.17	mg/Kg			1	6020B
7439-95-4	Magnesium	3170	85.6	8.7	mg/Kg	J		1	6020B
7439-96-5	Manganese	314	3.4	0.34	mg/Kg	J		1	6020B
7440-02-0	Nickel	13.6	1.7	0.40	mg/Kg			1	6020B
7440-09-7	Potassium	1450	85.6	13.9	mg/Kg			1	6020B
7782-49-2	Selenium	1.1	1.1	0.11	mg/Kg	U		1	6020B
7440-22-4	Silver	0.34	0.34	0.076	mg/Kg	U		1	6020B
7440-23-5	Sodium	114	85.6	39.1	mg/Kg			1	6020B
7440-28-0	Thallium	0.090	0.34	0.035	mg/Kg	J		1	6020B
7440-62-2	Vanadium	19.6	1.7	0.18	mg/Kg			1	6020B
7440-66-6	Zinc	35.9	6.8	2.6	mg/Kg			1	6020B
7439-97-6	Mercury	0.018	0.018	0.0085	mg/Kg	U		1	7471B

MT 8/11/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

23

Client Sample ID: TRC-DUP-02 | Lab Sample ID: 460-261082-3

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/29/2022 11:40

Reporting Basis: DRY | Date Received: 06/29/2022 19:00

% Solids: 94.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	6290	16.3	4.5	mg/Kg			1	6020B
7440-36-0	Antimony	0.81	0.81	0.12	mg/Kg	J B		1	6020B
7440-38-2	Arsenic	2.5	0.81	0.084	mg/Kg			1	6020B
7440-39-3	Barium	21.9	1.6	0.12	mg/Kg			1	6020B
7440-41-7	Beryllium	0.33	0.33	0.046	mg/Kg			1	6020B
7440-43-9	Cadmium	0.81	0.81	0.092	mg/Kg	U		1	6020B
7440-70-2	Calcium	618	81.4	14.4	mg/Kg			1	6020B
7440-47-3	Chromium	10.7	1.6	0.74	mg/Kg			1	6020B
7440-48-4	Cobalt	3.9	1.6	0.12	mg/Kg			1	6020B
7440-50-8	Copper	9.9	1.6	0.30	mg/Kg			1	6020B
7439-89-6	Iron	9690	48.9	16.5	mg/Kg			1	6020B
7439-92-1	Lead	5.5	0.49	0.16	mg/Kg			1	6020B
7439-95-4	Magnesium	2580	81.4	8.3	mg/Kg	J		1	6020B
7439-96-5	Manganese	341	3.3	0.33	mg/Kg	J		1	6020B
7440-02-0	Nickel	13.4	1.6	0.38	mg/Kg			1	6020B
7440-09-7	Potassium	1010	81.4	13.2	mg/Kg			1	6020B
7782-49-2	Selenium	1.0	1.0	0.10	mg/Kg	U		1	6020B
7440-22-4	Silver	0.33	0.33	0.072	mg/Kg	U		1	6020B
7440-23-5	Sodium	105	81.4	37.2	mg/Kg			1	6020B
7440-28-0	Thallium	0.056	0.33	0.033	mg/Kg	J		1	6020B
7440-62-2	Vanadium	14.9	1.6	0.17	mg/Kg			1	6020B
7440-66-6	Zinc	32.6	6.5	2.5	mg/Kg			1	6020B
7439-97-6	Mercury	0.050	0.016	0.0077	mg/Kg			1	7471B

MM 8/11/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

24

Client Sample ID: TRC-EB-03
Lab Sample ID: 460-261082-4
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Water
Date Sampled: 06/29/2022 12:05
Reporting Basis: WET
Date Received: 06/29/2022 19:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	40.0	40.0	19.5	ug/L	U		1	6020B
7440-36-0	Antimony	2.0	2.0	0.76	ug/L	U		1	6020B
7440-38-2	Arsenic	2.0	2.0	0.89	ug/L	U		1	6020B
7440-39-3	Barium	4.0	4.0	0.91	ug/L	U		1	6020B
7440-41-7	Beryllium	0.80	0.80	0.13	ug/L	U		1	6020B
7440-43-9	Cadmium	2.0	2.0	0.39	ug/L	U		1	6020B
7440-70-2	Calcium	500	500	53.6	ug/L	U		1	6020B
7440-47-3	Chromium	4.0	4.0	2.5	ug/L	U		1	6020B
7440-48-4	Cobalt	4.0	4.0	0.71	ug/L	U		1	6020B
7440-50-8	Copper	4.0	4.0	2.5	ug/L	U		1	6020B
7439-89-6	Iron	120	120	58.2	ug/L	U		1	6020B
7439-92-1	Lead	1.2	1.2	0.84	ug/L	U		1	6020B
7439-95-4	Magnesium	200	200	46.9	ug/L	U		1	6020B
7439-96-5	Manganese	8.0	8.0	1.5	ug/L	U		1	6020B
7440-02-0	Nickel	4.0	4.0	0.91	ug/L	U		1	6020B
7440-09-7	Potassium	200	200	112	ug/L	U		1	6020B
7782-49-2	Selenium	2.5	2.5	0.59	ug/L	U		1	6020B
7440-22-4	Silver	2.0	2.0	0.29	ug/L	U		1	6020B
7440-23-5	Sodium	500	500	163	ug/L	U		1	6020B
7440-28-0	Thallium	0.80	0.80	0.21	ug/L	U		1	6020B
7440-62-2	Vanadium	4.0	4.0	0.68	ug/L	U		1	6020B
7440-66-6	Zinc	16.0	16.0	6.5	ug/L	U		1	6020B
7439-97-6	Mercury	0.20	0.20	0.091	ug/L	U		1	7470A

MM 8/1/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

1

Client Sample ID: TRC-SB-20 (1-4)
Lab Sample ID: 460-260931-1
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 09:05
Reporting Basis: DRY
Date Received: 06/27/2022 19:00
% Solids: 92.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.32	0.26	0.14	mg/Kg			1	9012B

MT 8/11/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

2

Client Sample ID: TRC-SB-20 (12-15)
Lab Sample ID: 460-260931-2
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 09:10
Reporting Basis: DRY
Date Received: 06/27/2022 19:00
% Solids: 84.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	1.6	0.28	0.16	mg/Kg			1	9012B

MT 8/1/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

3

Client Sample ID: TRC-SB-19 (1-4)
Lab Sample ID: 460-260931-3
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 09:45
Reporting Basis: DRY
Date Received: 06/27/2022 19:00
% Solids: 92.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.26	0.26	0.14	mg/Kg	U		1	9012B

MT 8/11/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

4

Client Sample ID: TRC-SB-19 (12-15)
Lab Sample ID: 460-260931-4
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 09:55
Reporting Basis: DRY
Date Received: 06/27/2022 19:00
% Solids: 85.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.28	0.28	0.15	mg/Kg	U		1	9012B

MT 8/1/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

5

Client Sample ID: TRC-SB-19 (22.5-24.5)
Lab Sample ID: 460-260931-5
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 11:11
Reporting Basis: DRY
Date Received: 06/27/2022 19:00
% Solids: 91.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.39	0.24	0.13	mg/Kg			1	9012B

MT 8/1/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

6

Client Sample ID: TRC-SB-18 (1-4)
Lab Sample ID: 460-260931-6
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 12:00
Reporting Basis: DRY
Date Received: 06/27/2022 19:00
% Solids: 91.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.23	0.23	0.12	mg/Kg	U		1	9012B

MM 8/10/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

7

Client Sample ID: TRC-SB-18 (12-15)
Lab Sample ID: 460-260931-7
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 12:05
Reporting Basis: DRY
Date Received: 06/27/2022 19:00
% Solids: 82.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.27	0.27	0.15	mg/Kg	U		1	9012B

MH 8/11/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

8

Client Sample ID: TRC-DUP-01
Lab Sample ID: 460-260931-8
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 12:10
Reporting Basis: DRY
Date Received: 06/27/2022 19:00
% Solids: 82.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.27	0.27	0.15	mg/Kg	U		1	9012B

MT 8/1/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

9

Client Sample ID: TRC-SB-13 (1-4)
Lab Sample ID: 460-260931-9
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 13:05
Reporting Basis: DRY
Date Received: 06/27/2022 19:00
% Solids: 89.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	1.2	0.27	0.15	mg/Kg			1	9012B

MT 8/11/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

10

Client Sample ID: TRC-SB-12 (1-4)
Lab Sample ID: 460-260931-10
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 13:20
Reporting Basis: DRY
Date Received: 06/27/2022 19:00
% Solids: 94.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.25	0.25	0.13	mg/Kg	U		1	9012B

MT 8/1/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

11

Client Sample ID: TRC-EB-01 | Lab Sample ID: 460-260931-11

Lab Name: Eurofins Edison | Job No.: 460-260931-1

SDG ID.:

Matrix: Water | Date Sampled: 06/27/2022 14:05

Reporting Basis: WET | Date Received: 06/27/2022 19:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	10.0	10.0	4.0	ug/L	U		1	9012B

MT 8/1/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

12

Client Sample ID: TRC-SB-06-N (20.5-22.5)
Lab Sample ID: 460-260931-12
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 14:40
Reporting Basis: DRY
Date Received: 06/27/2022 19:00
% Solids: 93.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.23	0.23	0.12	mg/Kg	U		1	9012B

MT 8/Wn

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

13

Client Sample ID: TRC-SB-06-N (13-15)
Lab Sample ID: 460-260931-13
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 15:00
Reporting Basis: DRY
Date Received: 06/27/2022 19:00
% Solids: 95.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.22	0.22	0.12	mg/Kg	U		1	9012B

MY 8/1/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

14

Client Sample ID: TRC-SB-06-N (1-4)
Lab Sample ID: 460-260931-14
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 15:05
Reporting Basis: DRY
Date Received: 06/27/2022 19:00
% Solids: 89.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	1.7	0.21	0.11	mg/Kg			1	9012B

MM 8/1/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

15

Client Sample ID: TRC-SB-16 (1-3)
Lab Sample ID: 460-260996-1
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/28/2022 10:15
Reporting Basis: DRY
Date Received: 06/28/2022 18:00
% Solids: 90.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.24	0.24	0.13	mg/Kg	U		1	9012B

MT 8/1/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

16

Client Sample ID: TRC-SB-17 (1-2)
Lab Sample ID: 460-260996-2
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/28/2022 08:45
Reporting Basis: DRY
Date Received: 06/28/2022 18:00
% Solids: 91.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.23	0.23	0.12	mg/Kg	U		1	9012B

MT 8/1/22

17

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: TRC-EB-02
Lab Sample ID: 460-260996-3
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Water
Date Sampled: 06/28/2022 10:45
Reporting Basis: WET
Date Received: 06/28/2022 18:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	10.0	10.0	4.0	ug/L	B U		1	9012B

MT 8/Wn

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

18

Client Sample ID: TRC-SB-06-W (1-4)
Lab Sample ID: 460-260996-4
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/28/2022 11:50
Reporting Basis: DRY
Date Received: 06/28/2022 18:00
% Solids: 90.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.24	0.24	0.13	mg/Kg	U		1	9012B

MM 8/11/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

19

Client Sample ID: TRC-SB-06-W (20-22)
Lab Sample ID: 460-260996-5
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/28/2022 12:00
Reporting Basis: DRY
Date Received: 06/28/2022 18:00
% Solids: 83.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.29	0.29	0.16	mg/Kg	U		1	9012B

MM 8/Wh

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

20

Client Sample ID: TRC-SB-06-E (1-3)
Lab Sample ID: 460-260996-6
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/28/2022 13:40
Reporting Basis: DRY
Date Received: 06/28/2022 18:00
% Solids: 93.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.21	0.21	0.12	mg/Kg	U		1	9012B

MM 8/11/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

21

Client Sample ID: TRC-SB-14 (1-4)
Lab Sample ID: 460-261082-1
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/29/2022 10:37
Reporting Basis: DRY
Date Received: 06/29/2022 19:00
% Solids: 85.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.14	0.23	0.13	mg/Kg	J 5		1	9012B

MM 8/1/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: TRC-SB-14 (12-15)
Lab Sample ID: 460-261082-2
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/29/2022 11:35
Reporting Basis: DRY
Date Received: 06/29/2022 19:00
% Solids: 92.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.22	0.22	0.12	mg/Kg	U		1	9012B

MH 8/11/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: TRC-DUP-02
Lab Sample ID: 460-261082-3
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/29/2022 11:40
Reporting Basis: DRY
Date Received: 06/29/2022 19:00
% Solids: 94.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.23	0.23	0.12	mg/Kg	U		1	9012B

MM 8/11/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

24

Client Sample ID: TRC-EB-03
Lab Sample ID: 460-261082-4
Lab Name: Eurofins Edison
Job No.: 460-260931-1
SDG ID.:
Matrix: Water
Date Sampled: 06/29/2022 12:05
Reporting Basis: WET
Date Received: 06/29/2022 19:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	10.0	10.0	4.0	ug/L	U UJ		1	9012B

MM 8/1/22

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
NYSCA-PROPOSED PUBLIC SCHOOL K20F, NEW YORK

Client: TRC Engineering, Inc., New York, New York
SDG: 460-260931-2
Laboratory: Eurofins Test America, Edison, New Jersey
Site: NYSCA-Proposed Public School K20F, New York
Date: August 11, 2022

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	TRC-SB-20 (1-4)	460-269031-1	Soil
2	TRC-SB-18 (1-4)	460-269031-6	Soil
2MS	TRC-SB-18 (1-4)MS	460-269031-6MS	Soil
3	TRC-SB-13 (1-4)	460-269031-9	Soil
4	TRC-SB-12 (1-4)	460-269031-10	Soil
5	TRC-SB-06-N (1-4)	460-269031-14	Soil
6	TRC-SB-06-W (1-4)	460-260996-4	Soil
7	TRC-SB-14 (1-4)	460-261082-1	Soil

A Data Usability Summary Review was performed on the analytical data for seven soil samples collected on June 27-29, 2022 by TRC at the NYSCA-Proposed Public School K20F in New York. The samples were analyzed under the "Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".

Specific method references are as follows:

Analysis	*Method References*
TCLP Metals (Pb)/Hg	USEPA SW-846 Methods 6020B/7470A

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-3a, Revision 1, September 2016: ICP-AES Data Validation;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Inorganics

- Holding times and sample preservation
- Initial and continuing calibration verifications
- Method blank and field blank contamination
- ICP Interference Check Sample
- Laboratory Control Sample (LCS) recoveries

- Matrix Spike Analysis
- Duplicate Sample Analysis
- ICP Serial Dilution
- Compound Quantitation
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

TCLP Metals & Mercury

Holding Times

- All samples were prepared and analyzed within 28 days for mercury and 180 days for all other metals except for the following.

Mercury				
Sample ID	Date Collected	Date Analyzed	# Days	Qualifier
1	06/27/22	07/29/22	32	J

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- The field QC samples were not collected.

ICP Interference Check Sample

- The ICP interference check sample exhibited acceptable percent recoveries (%R).

Laboratory Control Samples

- The LCS sample exhibited acceptable percent recoveries (%R).

Matrix Spike (MS) Recoveries

- The MS samples exhibited acceptable percent recoveries (%R).

Duplicate Sample Analysis

- The duplicate sample analysis exhibited acceptable RPD values.

ICP Serial Dilution

- The ICP serial dilution exhibited acceptable percent differences (%D).

Compound Quantitation

- All criteria were met.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 8/14/22

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TCLP

1

Client Sample ID: TRC-SB-20 (1-4)
Lab Sample ID: 460-260931-1

Lab Name: Eurofins Edison
Job No.: 460-260931-2

SDG ID.:

Matrix: Solid
Date Sampled: 06/27/2022 09:05

Reporting Basis: WET
Date Received: 06/27/2022 19:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	202	12.0	8.4	ug/L			10	6020B
7439-97-6	Mercury	3.7	0.20	0.091	ug/L	J	F	1	7470A

MT 8/10/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TCLP

2

Client Sample ID: TRC-SB-18 (1-4)
Lab Sample ID: 460-260931-6
Lab Name: Eurofins Edison
Job No.: 460-260931-2
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 12:00
Reporting Basis: WET
Date Received: 06/27/2022 19:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	182	12.0	8.4	ug/L			10	6020B

MT 8/18/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TCLP

3

Client Sample ID: TRC-SB-13 (1-4)
Lab Sample ID: 460-260931-9
Lab Name: Eurofins Edison
Job No.: 460-260931-2
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 13:05
Reporting Basis: WET
Date Received: 06/27/2022 19:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	136	12.0	8.4	ug/L			10	6020B

MT 8/1/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TCLP

4

Client Sample ID: TRC-SB-12 (1-4)
Lab Sample ID: 460-260931-10
Lab Name: Eurofins Edison
Job No.: 460-260931-2
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 13:20
Reporting Basis: WET
Date Received: 06/27/2022 19:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	40.8	12.0	8.4	ug/L			10	6020B

MT 8/11/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TCLP

5

Client Sample ID: TRC-SB-06-N (1-4)
Lab Sample ID: 460-260931-14
Lab Name: Eurofins Edison
Job No.: 460-260931-2
SDG ID.:
Matrix: Solid
Date Sampled: 06/27/2022 15:05
Reporting Basis: WET
Date Received: 06/27/2022 19:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	252	12.0	8.4	ug/L			10	6020B

MT 8/11/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TCLP

Client Sample ID: TRC-SB-06-W (1-4)
Lab Sample ID: 460-260996-4
Lab Name: Eurofins Edison
Job No.: 460-260931-2
SDG ID.:
Matrix: Solid
Date Sampled: 06/28/2022 11:50
Reporting Basis: WET
Date Received: 06/28/2022 18:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	118	12.0	8.4	ug/L			10	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TCLP

7

Client Sample ID: TRC-SB-14 (1-4)
Lab Sample ID: 460-261082-1
Lab Name: Eurofins Edison
Job No.: 460-260931-2
SDG ID.:
Matrix: Solid
Date Sampled: 06/29/2022 10:37
Reporting Basis: WET
Date Received: 06/29/2022 19:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	478	12.0	8.4	ug/L			10	6020B

MT 8/11/22

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
NYSCA-PROPOSED PUBLIC SCHOOL K20F, NEW YORK

Client: TRC Engineering, Inc., New York, New York
SDG: 460-261506-1
Laboratory: Eurofins Test America, Edison, New Jersey
Site: NYSCA-Proposed Public School K20F, New York
Date: August 10, 2022

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	TRC-SB-21 (1-4)	460-261506-1	Soil
2	TRC-SB-21 (12-15)	460-261506-2	Soil
2MS*	TRC-SB-21 (12-15)MS	460-261506-2MS	Soil
2MSD*	TRC-SB-21 (12-15)MSD	460-261506-2MSD	Soil
3**	TRC-EB-05	460-261506-3	Water
4	TRC-SB-21 (71-73)	460-261582-1	Soil
4MS+	TRC-SB-21 (71-73)MS	460-261582-1MS	Soil
4MSD+	TRC-SB-21 (71-73)MSD	460-261582-1MSD	Soil
5**	TRC-EB-06	460-261582-2	Water
5MS†	TRC-EB-06MS	460-261582-2MS	Water
6	TRC-SB-15 (1-4)	460-261735-1	Soil
7	TRC-SB-15 (12-15)	460-261735-2	Soil
8	TRC-SB-15 (73-75)	460-261735-3	Soil
9**	TRC-EB-07	460-261735-4	Water
10	TRC-SB-14 (73-75)	460-261873-1	Soil
10MS^	TRC-SB-14 (73-75)MS	460-261873-1MS	Soil
11**	TRC-EB-08	460-261873-2	Water
11MS†	TRC-EB-08MS	460-261873-2MS	Water

* - Pesticides & PCBs only + - Herbicides only ^ - Mercury only † - Cyanide only
** - Includes 1,4-Dioxane

A Data Usability Summary Review was performed on the analytical data for seven soil samples and four aqueous equipment blank samples collected on July 7-13, 2022 by TRC at the NYSCA-Proposed Public School K20F in New York. The samples were analyzed under the "Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260D
SVOC	USEPA SW-846 Method 8270E
1,4-Dioxane	USEPA SW-846 Method 8270E-SIM
Pesticides	USEPA SW-846 Method 8081B
PCB	USEPA SW-846 Method 8082A
Herbicides	USEPA SW-846 Method 8151A
Metals/Hg	USEPA SW-846 Methods 6020B/7470A/7471B

Analysis	*Method References*
Cyanide	USEPA SW-846 Method 9012B

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-33A, Revision 1, September 2016: Low/Medium Volatile Data Validation;
- SOP Number HW-35A, Revision 1, September 2016: Semivolatile Data Validation;
- SOP Number HW-36A, Revision 1, October 2016: Pesticide Data Validation;
- SOP Number HW-37A, Revision 0, June 2015: Polychlorinated Biphenyl (PCB) Aroclor Data Validation;
- SOP Number HW-17, Revision 3.1, December 2010: Chlorinated Herbicide Data Validation;
- SOP Number HW-3a, Revision 1, September 2016: ICP-AES Data Validation;
- SOP Number HW-3b, Revision 1, September 2016: ICP-MS Data Validation;
- SOP Number HW-3c, Revision 1, September 2016: Mercury and Cyanide Data Validation;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Holding times and sample preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tuning
- Initial and continuing calibration summaries
- Method blank and field blank contamination
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Internal standard area and retention time summary forms
- Target Compound Identification
- Compound Quantitation
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

Inorganics

- Holding times and sample preservation
- Initial and continuing calibration verifications
- Method blank and field blank contamination
- ICP Interference Check Sample
- Laboratory Control Sample (LCS) recoveries
- Matrix Spike Analysis
- Duplicate Sample Analysis
- ICP Serial Dilution

- Compound Quantitation
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOC)

Holding Times

- All samples were analyzed within 14 days for preserved water and soil samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) criteria and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in

affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
07/11/22 (1601)	Chloromethane	61.5%	UJ	4
	Bromomethane	78.2%	UJ	
	Chloroethane	28.9%	UJ	
07/11/22 (0852)	Chloromethane	48.5%	UJ	1, 2
	Vinyl Chloride	32.2%	UJ	
	Chloroethane	39.5%	UJ	
07/14/22 (2057)	Trans-1,3-Dichloropropene	22.3%	None	See Surrogates
	Bromoform	28.3%	None	
	1,1,2,2-Tetrachloroethane	26.9%	None	
	1,2-Dibromo-3-chloropropane	42.1%	None	
	1,2,3-Trichlorobenzene	33.8%	None	

Method Blank

- The method blanks were free of contamination.

Field Blank

- The following table lists field QC samples with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations of acetone, 2-butanone and methylene chloride (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds, an action level of five times (5x) the highest associated blank concentration is used.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-05	None - ND	-	-	-
TRC-EB-06	Methylene Chloride	0.54	None	All Associated ND
TRC-EB-07	None - ND	-	-	-
TRC-EB-08	None - ND	-	-	-

Surrogate Spike Recoveries

- The following table presents surrogate percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

Sample ID	Surrogate	%R	Qualifier
11	Dibromofluoromethane	75%	UJ

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
460-854601/4	Chloromethane	135%	None	All Associated ND
460-858695/3	Bromomethane	199%	None	All Associated ND
	Chloroethane	139%	None	
	Chloromethane	168%	None	
	Naphthalene	185%	None	
	Vinyl Chloride	134%	None	

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- TICs were not detected.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Semivolatile Organic Compounds (SVOCs)

Holding Times

- All samples were extracted within 7 days for water samples and 14 days for soil samples and analyzed within 40 days for all samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) criteria and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
07/15/22 (0719)	2-Methylphenol	20.7%	UJ	10
	Acetophenone	23.8%	UJ	
	N-Nitrosodi-n-propylamine	30.4%	UJ	

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were free of contamination.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-05	None - ND	-	-	-
TRC-EB-06	None - ND	-	-	-
TRC-EB-07	None - ND	-	-	-
TRC-EB-08	None - ND	-	-	-

Surrogate Spike Recoveries

- The following table presents surrogate percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

Sample ID	Surrogate	%R	Qualifier
5	2-Fluorophenol	93%	None - Sample ND
	Phenol-d5	68%	

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
460-854455/2-A	Atrazine	151%	None	All Associated ND
460-854629/2-A	Atrazine	189%	None	All Associated ND

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- TICs were qualified estimated (J) for unknown compounds.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Pesticides (Pest)

Holding Times

- All samples were extracted within 7 days for water samples and 14 days for soil samples and analyzed within 40 days for all samples.

Initial Calibration

- All %RSD and/or correlation coefficient criteria were met.

Continuing Calibration

- All %D criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were free of contamination.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-05	None - ND	-	-	-
TRC-EB-06	None - ND	-	-	-
TRC-EB-07	None - ND	-	-	-
TRC-EB-08	None - ND	-	-	-

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD samples exhibited acceptable percent recoveries (%R) and RPD values.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R

may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
460-854490/2-A	Endrin Ketone	144%	None	All Associated ND
460-855090/2-A	4,4'-DDD	127%	None	All Associated ND
	Endrin Ketone	141%	None	

Compound Quantitation

- All criteria were met.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

GC Column Difference Results

- All criteria were met.

Polychlorinated Biphenyls (PCBs)

Holding Times

- All samples were extracted within 7 days for water samples and 14 days for soil samples and analyzed within 40 days for all samples.

Initial Calibration

- All %RSD and/or correlation coefficient criteria were met.

Continuing Calibration

- All %D criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were free of contamination.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-05	None - ND	-	-	-
TRC-EB-06	None - ND	-	-	-
TRC-EB-07	None - ND	-	-	-
TRC-EB-08	None - ND	-	-	-

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD samples exhibited acceptable percent recoveries (%R) and RPD values.

Laboratory Control Samples

- The LCS samples exhibited acceptable percent recoveries (%R).

Compound Quantitation

- All criteria were met.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

GC Column Difference Results

- All criteria were met.

Herbicides

Holding Times

- All samples were extracted within 7 days for water samples and 14 days for soil samples and analyzed within 40 days for all samples.

Initial Calibration

- All %RSD and/or correlation coefficient criteria were met.

Continuing Calibration

- All %D criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were free of contamination.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-05	None - ND	-	-	-
TRC-EB-06	None - ND	-	-	-
TRC-EB-07	None - ND	-	-	-
TRC-EB-08	None - ND	-	-	-

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD samples exhibited acceptable percent recoveries (%R) and RPD values.

Laboratory Control Samples

- The LCS samples exhibited acceptable percent recoveries (%R).

Compound Quantitation

- All criteria were met.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

GC Column Difference Results

- All criteria were met.

Metals & Mercury

Holding Times

- All samples were prepared and analyzed within 28 days for mercury and 180 days for all other metals.

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Method Blank

- The following table lists method blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U).

Sample ID	Compound	Conc. mg/kg	Qualifier	Affected Samples
460-854842/1-A	Vanadium	0.321	None	All Associated >10X

Field Blank

- The following table lists field QC samples with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U).

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-05	None - ND	-	-	-
TRC-EB-06	Sodium	3870	U	4
TRC-EB-07	None - ND	-	-	-
TRC-EB-08	None - ND	-	-	-

ICP Interference Check Sample

- The ICP interference check sample exhibited acceptable percent recoveries (%R).

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Matrix Spike (MS) Recoveries

- The following table presents MS samples that exhibited percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

MS Sample ID	Compound	MS %R	Qualifier	Affected Samples
Reference	Antimony	23%	UJ	1, 2
Reference 2	Antimony	44%	UJ	4
	Chromium	132%	J	
Reference 3	Antimony	38%	J/UJ	6, 7
	Zinc	73%	J	
Reference 4	Antimony	52%	UJ	8
Reference 5	Arsenic	73%	J	11

Duplicate Sample Analysis

- The following table presents duplicate samples that exhibited relative percent differences (RPD) above QC limits. For a high RPD, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

Sample ID	Compound	%D	Qualifier	Affected Samples
Reference	Barium	27%	J	1, 2
	Manganese	22%	J	
Reference 2	Calcium	36%	J	4
	Lead	28%	J	
Reference 3	Nickel	23%	J	6, 7
Reference 4	Manganese	24%	J	10

ICP Serial Dilution

- The ICP serial dilution exhibited acceptable percent differences (%D).

Compound Quantitation

- All criteria were met.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Cyanide

Holding Times

- All samples were prepared and analyzed within 14 days for cyanide.

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were free of contamination.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-05	None - ND	-	-	-
TRC-EB-06	None - ND	-	-	-
TRC-EB-07	None - ND	-	-	-
TRC-EB-08	None - ND	-	-	-

Laboratory Control Samples

- The LCS sample exhibited acceptable percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD percent recoveries (%R) and/or RPD values outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

Sample ID	Compound	MS %R/MSD %R/RPD	Qualifier	Affected Samples
5	Cyanide	115%/115%/OK	None	All Associated ND
11	Cyanide	80%/OK/OK	UJ	11

Compound Quantitation

- All criteria were met.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 8/14/22

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-21 (1-4) | Lab Sample ID: 460-261506-1

Matrix: Solid | Lab File ID: K36224.D

Analysis Method: 8260D | Date Collected: 07/07/2022 11:00

Sample wt/vol: 4.62(g) | Date Analyzed: 07/11/2022 12:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 18.8 % Solids: 81.2 | Level: (low/med) Low

Analysis Batch No.: 854601 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0013	U	0.0013	0.00031
79-34-5	1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00029
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00040
79-00-5	1,1,2-Trichloroethane	0.0013	U	0.0013	0.00024
75-34-3	1,1-Dichloroethane	0.0013	U	0.0013	0.00027
75-35-4	1,1-Dichloroethene	0.0013	U	0.0013	0.00030
87-61-6	1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00024
120-82-1	1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00048
95-63-6	1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00033
96-12-8	1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00061
95-50-1	1,2-Dichlorobenzene	0.0013	U	0.0013	0.00048
107-06-2	1,2-Dichloroethane	0.0013	U	0.0013	0.00039
78-87-5	1,2-Dichloropropane	0.0013	U	0.0013	0.00056
108-67-8	1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00042
541-73-1	1,3-Dichlorobenzene	0.0013	U	0.0013	0.00049
106-46-7	1,4-Dichlorobenzene	0.0013	U	0.0013	0.00030
78-93-3	2-Butanone (MEK)	0.0067	U	0.0067	0.00049
591-78-6	2-Hexanone	0.0067	U	0.0067	0.0023
99-87-6	4-Isopropyltoluene	0.0013	U	0.0013	0.00040
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0067	U	0.0067	0.0021
67-64-1	Acetone	0.0080	U	0.0080	0.0076
71-43-2	Benzene	0.0013	U	0.0013	0.00034
75-25-2	Bromoform	0.0013	U	0.0013	0.00057
74-83-9	Bromomethane	0.0027	U	0.0027	0.0013
75-15-0	Carbon disulfide	0.0013	U	0.0013	0.00035
56-23-5	Carbon tetrachloride	0.0013	U	0.0013	0.00052
108-90-7	Chlorobenzene	0.0013	U	0.0013	0.00024
74-97-5	Chlorobromomethane	0.0013	U	0.0013	0.00037
124-48-1	Chlorodibromomethane	0.0013	U	0.0013	0.00026
75-00-3	Chloroethane	0.0013	U J	0.0013	0.00070
67-66-3	Chloroform	0.0013	U	0.0013	0.0013
74-87-3	Chloromethane	0.0013	U J	0.0013	0.00058
156-59-2	cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00048

MM 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-21 (1-4) | Lab Sample ID: 460-261506-1

Matrix: Solid | Lab File ID: K36224.D

Analysis Method: 8260D | Date Collected: 07/07/2022 11:00

Sample wt/vol: 4.62(g) | Date Analyzed: 07/11/2022 12:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 18.8 % Solids: 81.2 | Level: (low/med) Low

Analysis Batch No.: 854601 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00036
110-82-7	Cyclohexane	0.0013	U	0.0013	0.00029
75-27-4	Dichlorobromomethane	0.0013	U	0.0013	0.00034
75-71-8	Dichlorodifluoromethane	0.0013	U	0.0013	0.00045
100-41-4	Ethylbenzene	0.0013	U	0.0013	0.00027
106-93-4	Ethylene Dibromide	0.0013	U	0.0013	0.00024
98-82-8	Isopropylbenzene	0.0013	U	0.0013	0.00038
79-20-9	Methyl acetate	0.0067	U	0.0067	0.0057
1634-04-4	Methyl tert-butyl ether	0.0013	U	0.0013	0.00068
108-87-2	Methylcyclohexane	0.0013	U	0.0013	0.00066
75-09-2	Methylene Chloride	0.0027	U	0.0027	0.0015
179601-23-1	m-Xylene & p-Xylene	0.0013	U	0.0013	0.00023
91-20-3	Naphthalene	0.0020	U	0.0020	0.00055
104-51-8	n-Butylbenzene	0.0013	U	0.0013	0.00039
103-65-1	N-Propylbenzene	0.0013	U	0.0013	0.00023
95-47-6	o-Xylene	0.0013	U	0.0013	0.00026
135-98-8	sec-Butylbenzene	0.0013	U	0.0013	0.00038
100-42-5	Styrene	0.0013	U	0.0013	0.00037
98-06-6	tert-Butylbenzene	0.0013	U	0.0013	0.00037
127-18-4	Tetrachloroethene	0.0013	U	0.0013	0.00041
108-88-3	Toluene	0.0013	U	0.0013	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00033
10061-02-6	trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035
79-01-6	Trichloroethene	0.0013	U	0.0013	0.00043
75-69-4	Trichlorofluoromethane	0.0013	U	0.0013	0.00054
75-01-4	Vinyl chloride	0.0013	U	0.0013	0.00073
1330-20-7	Xylenes, Total	0.0027	U	0.0027	0.00023

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		72-145
460-00-4	4-Bromofluorobenzene	93		75-139
1868-53-7	Dibromofluoromethane (Surr)	97		73-139
2037-26-5	Toluene-d8 (Surr)	103		80-120

MM 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-21 (12-15) Lab Sample ID: 460-261506-2

Matrix: Solid Lab File ID: K36225.D

Analysis Method: 8260D Date Collected: 07/07/2022 11:45

Sample wt/vol: 6.25(g) Date Analyzed: 07/11/2022 12:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 9.9 % Solids: 90.1 Level: (low/med) Low

Analysis Batch No.: 854601 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00089	U	0.00089	0.00021
79-34-5	1,1,2,2-Tetrachloroethane	0.00089	U	0.00089	0.00019
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00089	U	0.00089	0.00027
79-00-5	1,1,2-Trichloroethane	0.00089	U	0.00089	0.00016
75-34-3	1,1-Dichloroethane	0.00089	U	0.00089	0.00018
75-35-4	1,1-Dichloroethene	0.00089	U	0.00089	0.00020
87-61-6	1,2,3-Trichlorobenzene	0.00089	U	0.00089	0.00016
120-82-1	1,2,4-Trichlorobenzene	0.00089	U	0.00089	0.00032
95-63-6	1,2,4-Trimethylbenzene	0.00089	U	0.00089	0.00022
96-12-8	1,2-Dibromo-3-Chloropropane	0.00089	U	0.00089	0.00041
95-50-1	1,2-Dichlorobenzene	0.00089	U	0.00089	0.00032
107-06-2	1,2-Dichloroethane	0.00089	U	0.00089	0.00026
78-87-5	1,2-Dichloropropane	0.00089	U	0.00089	0.00038
108-67-8	1,3,5-Trimethylbenzene	0.00089	U	0.00089	0.00028
541-73-1	1,3-Dichlorobenzene	0.00089	U	0.00089	0.00032
106-46-7	1,4-Dichlorobenzene	0.00089	U	0.00089	0.00020
78-93-3	2-Butanone (MEK)	0.0044	U	0.0044	0.00033
591-78-6	2-Hexanone	0.0044	U	0.0044	0.0015
99-87-6	4-Isopropyltoluene	0.00089	U	0.00089	0.00027
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0044	U	0.0044	0.0014
67-64-1	Acetone	0.0053		0.0053	0.0051
71-43-2	Benzene	0.00030	J	0.00089	0.00023
75-25-2	Bromoform	0.00089	U	0.00089	0.00038
74-83-9	Bromomethane	0.0018	U	0.0018	0.00089
75-15-0	Carbon disulfide	0.0016		0.00089	0.00024
56-23-5	Carbon tetrachloride	0.00089	U	0.00089	0.00034
108-90-7	Chlorobenzene	0.00089	U	0.00089	0.00016
74-97-5	Chlorobromomethane	0.00089	U	0.00089	0.00025
124-48-1	Chlorodibromomethane	0.00089	U	0.00089	0.00017
75-00-3	Chloroethane	0.00089	U ✗ U5	0.00089	0.00046
67-66-3	Chloroform	0.00089	U	0.00089	0.00086
74-87-3	Chloromethane	0.00089	U ✗ U5	0.00089	0.00039
156-59-2	cis-1,2-Dichloroethene	0.00089	U	0.00089	0.00032

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-21 (12-15) Lab Sample ID: 460-261506-2

Matrix: Solid Lab File ID: K36225.D

Analysis Method: 8260D Date Collected: 07/07/2022 11:45

Sample wt/vol: 6.25(g) Date Analyzed: 07/11/2022 12:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 9.9 % Solids: 90.1 Level: (low/med) Low

Analysis Batch No.: 854601 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.00089	U	0.00089	0.00024
110-82-7	Cyclohexane	0.00089	U	0.00089	0.00020
75-27-4	Dichlorobromomethane	0.00089	U	0.00089	0.00023
75-71-8	Dichlorodifluoromethane	0.00089	U	0.00089	0.00030
100-41-4	Ethylbenzene	0.00089	U	0.00089	0.00018
106-93-4	Ethylene Dibromide	0.00089	U	0.00089	0.00016
98-82-8	Isopropylbenzene	0.00089	U	0.00089	0.00025
79-20-9	Methyl acetate	0.0044	U	0.0044	0.0038
1634-04-4	Methyl tert-butyl ether	0.00089	U	0.00089	0.00045
108-87-2	Methylcyclohexane	0.00089	U	0.00089	0.00044
75-09-2	Methylene Chloride	0.0018	U	0.0018	0.0010
179601-23-1	m-Xylene & p-Xylene	0.00089	U	0.00089	0.00015
91-20-3	Naphthalene	0.0013	U	0.0013	0.00036
104-51-8	n-Butylbenzene	0.00089	U	0.00089	0.00026
103-65-1	N-Propylbenzene	0.00089	U	0.00089	0.00016
95-47-6	o-Xylene	0.00089	U	0.00089	0.00017
135-98-8	sec-Butylbenzene	0.00089	U	0.00089	0.00026
100-42-5	Styrene	0.00089	U	0.00089	0.00025
98-06-6	tert-Butylbenzene	0.00089	U	0.00089	0.00025
127-18-4	Tetrachloroethene	0.00089	U	0.00089	0.00027
108-88-3	Toluene	0.00089	U	0.00089	0.00021
156-60-5	trans-1,2-Dichloroethene	0.00089	U	0.00089	0.00022
10061-02-6	trans-1,3-Dichloropropene	0.00089	U	0.00089	0.00024
79-01-6	Trichloroethene	0.00089	U	0.00089	0.00028
75-69-4	Trichlorofluoromethane	0.00089	U	0.00089	0.00036
75-01-4	Vinyl chloride	0.00089	U J UJ	0.00089	0.00048
1330-20-7	Xylenes, Total	0.0018	U	0.0018	0.00015

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		72-145
460-00-4	4-Bromofluorobenzene	94		75-139
1868-53-7	Dibromofluoromethane (Surr)	94		73-139
2037-26-5	Toluene-d8 (Surr)	101		80-120

MT 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1
SDG No.:
Client Sample ID: TRC-EB-05 | Lab Sample ID: 460-261506-3
Matrix: Water | Lab File ID: J77409.D
Analysis Method: 8260D | Date Collected: 07/07/2022 13:00
Sample wt/vol: 5(mL) | Date Analyzed: 07/12/2022 12:06
Soil Aliquot Vol: | Dilution Factor: 1
Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)
Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:
% Moisture: % Solids: | Level: (low/med) Low
Analysis Batch No.: 854770 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22

MT 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1
SDG No.:
Client Sample ID: TRC-EB-05 Lab Sample ID: 460-261506-3
Matrix: Water Lab File ID: J77409.D
Analysis Method: 8260D Date Collected: 07/07/2022 13:00
Sample wt/vol: 5(mL) Date Analyzed: 07/12/2022 12:06
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:
% Moisture: % Solids: Level: (low/med) Low
Analysis Batch No.: 854770 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
91-20-3	Naphthalene	1.0	U	1.0	0.88
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-128
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	92		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-21 (71-73) | Lab Sample ID: 460-261582-1

Matrix: Solid | Lab File ID: D95597.D

Analysis Method: 8260D | Date Collected: 07/07/2022 16:45

Sample wt/vol: 5.88(g) | Date Analyzed: 07/12/2022 03:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 9.8 % Solids: 90.2 | Level: (low/med) Low

Analysis Batch No.: 854695 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00094	U	0.00094	0.00022
79-34-5	1,1,2,2-Tetrachloroethane	0.00094	U	0.00094	0.00020
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00094	U	0.00094	0.00028
79-00-5	1,1,2-Trichloroethane	0.00094	U	0.00094	0.00017
75-34-3	1,1-Dichloroethane	0.00094	U	0.00094	0.00019
75-35-4	1,1-Dichloroethene	0.00094	U	0.00094	0.00021
87-61-6	1,2,3-Trichlorobenzene	0.00094	U	0.00094	0.00017
120-82-1	1,2,4-Trichlorobenzene	0.00094	U	0.00094	0.00034
95-63-6	1,2,4-Trimethylbenzene	0.00094	U	0.00094	0.00023
96-12-8	1,2-Dibromo-3-Chloropropane	0.00094	U	0.00094	0.00043
95-50-1	1,2-Dichlorobenzene	0.00094	U	0.00094	0.00034
107-06-2	1,2-Dichloroethane	0.00094	U	0.00094	0.00028
78-87-5	1,2-Dichloropropane	0.00094	U	0.00094	0.00040
108-67-8	1,3,5-Trimethylbenzene	0.00094	U	0.00094	0.00030
541-73-1	1,3-Dichlorobenzene	0.00094	U	0.00094	0.00034
106-46-7	1,4-Dichlorobenzene	0.00094	U	0.00094	0.00021
78-93-3	2-Butanone (MEK)	0.0047	U	0.0047	0.00035
591-78-6	2-Hexanone	0.0047	U	0.0047	0.0016
99-87-6	4-Isopropyltoluene	0.00094	U	0.00094	0.00028
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015
67-64-1	Acetone	0.0057	U	0.0057	0.0054
71-43-2	Benzene	0.00094	U	0.00094	0.00024
75-25-2	Bromoform	0.00094	U	0.00094	0.00040
74-83-9	Bromomethane	0.0019	U	0.0019	0.00094
75-15-0	Carbon disulfide	0.00094	U	0.00094	0.00025
56-23-5	Carbon tetrachloride	0.00094	U	0.00094	0.00036
108-90-7	Chlorobenzene	0.00094	U	0.00094	0.00017
74-97-5	Chlorobromomethane	0.00094	U	0.00094	0.00027
124-48-1	Chlorodibromomethane	0.00094	U	0.00094	0.00018
75-00-3	Chloroethane	0.00094	U	0.00094	0.00049
67-66-3	Chloroform	0.00094	U	0.00094	0.00092
74-87-3	Chloromethane	0.00094	U	0.00094	0.00041
156-59-2	cis-1,2-Dichloroethene	0.00094	U	0.00094	0.00034

MM 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1
SDG No.:
Client Sample ID: TRC-SB-21 (71-73) | Lab Sample ID: 460-261582-1
Matrix: Solid | Lab File ID: D95597.D
Analysis Method: 8260D | Date Collected: 07/07/2022 16:45
Sample wt/vol: 5.88(g) | Date Analyzed: 07/12/2022 03:17
Soil Aliquot Vol: | Dilution Factor: 1
Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)
Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:
% Moisture: 9.8 % Solids: 90.2 | Level: (low/med) Low
Analysis Batch No.: 854695 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.00094	U	0.00094	0.00026
110-82-7	Cyclohexane	0.00094	U	0.00094	0.00021
75-27-4	Dichlorobromomethane	0.00094	U	0.00094	0.00024
75-71-8	Dichlorodifluoromethane	0.00094	U	0.00094	0.00032
100-41-4	Ethylbenzene	0.00094	U	0.00094	0.00019
106-93-4	Ethylene Dibromide	0.00094	U	0.00094	0.00017
98-82-8	Isopropylbenzene	0.00094	U	0.00094	0.00027
79-20-9	Methyl acetate	0.0047	U	0.0047	0.0041
1634-04-4	Methyl tert-butyl ether	0.00094	U	0.00094	0.00048
108-87-2	Methylcyclohexane	0.00094	U	0.00094	0.00047
75-09-2	Methylene Chloride	0.0019	U	0.0019	0.0011
179601-23-1	m-Xylene & p-Xylene	0.00094	U	0.00094	0.00016
91-20-3	Naphthalene	0.0014	U	0.0014	0.00039
104-51-8	n-Butylbenzene	0.00094	U	0.00094	0.00028
103-65-1	N-Propylbenzene	0.00094	U	0.00094	0.00017
95-47-6	o-Xylene	0.00094	U	0.00094	0.00018
135-98-8	sec-Butylbenzene	0.00094	U	0.00094	0.00027
100-42-5	Styrene	0.00094	U	0.00094	0.00026
98-06-6	tert-Butylbenzene	0.00094	U	0.00094	0.00026
127-18-4	Tetrachloroethene	0.00094	U	0.00094	0.00029
108-88-3	Toluene	0.00094	U	0.00094	0.00022
156-60-5	trans-1,2-Dichloroethene	0.00094	U	0.00094	0.00023
10061-02-6	trans-1,3-Dichloropropene	0.00094	U	0.00094	0.00025
79-01-6	Trichloroethene	0.00094	U	0.00094	0.00030
75-69-4	Trichlorofluoromethane	0.00094	U	0.00094	0.00038
75-01-4	Vinyl chloride	0.00094	U	0.00094	0.00051
1330-20-7	Xylenes, Total	0.0019	U	0.0019	0.00016

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		72-145
460-00-4	4-Bromofluorobenzene	94		75-139
1868-53-7	Dibromofluoromethane (Surr)	94		73-139
2037-26-5	Toluene-d8 (Surr)	94		80-120

MT 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1
SDG No.:
Client Sample ID: TRC-EB-06 Lab Sample ID: 460-261582-2
Matrix: Water Lab File ID: J77382.D
Analysis Method: 8260D Date Collected: 07/08/2022 12:00
Sample wt/vol: 5(mL) Date Analyzed: 07/11/2022 14:14
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:
% Moisture: % Solids: Level: (low/med) Low
Analysis Batch No.: 854612 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22

MM 8/10/22

5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-EB-06 Lab Sample ID: 460-261582-2

Matrix: Water Lab File ID: J77382.D

Analysis Method: 8260D Date Collected: 07/08/2022 12:00

Sample wt/vol: 5(mL) Date Analyzed: 07/11/2022 14:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 854612 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	0.54	J	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
91-20-3	Naphthalene	1.0	U	1.0	0.88
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		70-128
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	93		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

MM 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1
SDG No.:
Client Sample ID: TRC-SB-15 (1-4) Lab Sample ID: 460-261735-1
Matrix: Solid Lab File ID: B89986.D
Analysis Method: 8260D Date Collected: 07/11/2022 09:19
Sample wt/vol: 4.86(g) Date Analyzed: 07/13/2022 21:48
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)
Purge Volume: 5.0(mL) Heated Purge: (Y/N) Y pH:
% Moisture: 12.8 % Solids: 87.2 Level: (low/med) Low
Analysis Batch No.: 855159 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00024
75-35-4	1,1-Dichloroethene	0.0012	U	0.0012	0.00027
87-61-6	1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00021
120-82-1	1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042
95-63-6	1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029
96-12-8	1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054
95-50-1	1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00035
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00050
108-67-8	1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037
541-73-1	1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043
106-46-7	1,4-Dichlorobenzene	0.0012	U	0.0012	0.00027
78-93-3	2-Butanone (MEK)	0.0059	U	0.0059	0.00043
591-78-6	2-Hexanone	0.0059	U	0.0059	0.0020
99-87-6	4-Isopropyltoluene	0.0012	U	0.0012	0.00035
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0059	U	0.0059	0.0018
67-64-1	Acetone	0.022		0.0071	0.0067
71-43-2	Benzene	0.0012	U	0.0012	0.00030
75-25-2	Bromoform	0.0012	U	0.0012	0.00050
74-83-9	Bromomethane	0.0024	U	0.0024	0.0012
75-15-0	Carbon disulfide	0.0012	U	0.0012	0.00031
56-23-5	Carbon tetrachloride	0.0012	U	0.0012	0.00046
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00021
74-97-5	Chlorobromomethane	0.0012	U	0.0012	0.00033
124-48-1	Chlorodibromomethane	0.0012	U	0.0012	0.00023
75-00-3	Chloroethane	0.0012	U	0.0012	0.00062
67-66-3	Chloroform	0.0012	U	0.0012	0.0011
74-87-3	Chloromethane	0.0012	U	0.0012	0.00051
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042

MJ 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1
SDG No.:
Client Sample ID: TRC-SB-15 (1-4) | Lab Sample ID: 460-261735-1
Matrix: Solid | Lab File ID: B89986.D
Analysis Method: 8260D | Date Collected: 07/11/2022 09:19
Sample wt/vol: 4.86(g) | Date Analyzed: 07/13/2022 21:48
Soil Aliquot Vol: | Dilution Factor: 1
Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)
Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:
% Moisture: 12.8 % Solids: 87.2 | Level: (low/med) Low
Analysis Batch No.: 855159 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
110-82-7	Cyclohexane	0.0012	U	0.0012	0.00026
75-27-4	Dichlorobromomethane	0.0012	U	0.0012	0.00030
75-71-8	Dichlorodifluoromethane	0.0012	U	0.0012	0.00040
100-41-4	Ethylbenzene	0.0012	U	0.0012	0.00023
106-93-4	Ethylene Dibromide	0.0012	U	0.0012	0.00021
98-82-8	Isopropylbenzene	0.0012	U	0.0012	0.00034
79-20-9	Methyl acetate	0.0059	U	0.0059	0.0051
1634-04-4	Methyl tert-butyl ether	0.0012	U	0.0012	0.00060
108-87-2	Methylcyclohexane	0.0012	U	0.0012	0.00059
75-09-2	Methylene Chloride	0.0084		0.0024	0.0014
179601-23-1	m-Xylene & p-Xylene	0.0012	U	0.0012	0.00021
91-20-3	Naphthalene	0.0018	U	0.0018	0.00048
104-51-8	n-Butylbenzene	0.0012	U	0.0012	0.00035
103-65-1	N-Propylbenzene	0.0012	U	0.0012	0.00021
95-47-6	o-Xylene	0.0012	U	0.0012	0.00023
135-98-8	sec-Butylbenzene	0.0012	U	0.0012	0.00034
100-42-5	Styrene	0.0012	U	0.0012	0.00033
98-06-6	tert-Butylbenzene	0.0012	U	0.0012	0.00033
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00036
108-88-3	Toluene	0.0012	U	0.0012	0.00028
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031
79-01-6	Trichloroethene	0.0012	U	0.0012	0.00038
75-69-4	Trichlorofluoromethane	0.0012	U	0.0012	0.00048
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00064
1330-20-7	Xylenes, Total	0.0024	U	0.0024	0.00021

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		72-145
460-00-4	4-Bromofluorobenzene	97		75-139
1868-53-7	Dibromofluoromethane (Surr)	82		73-139
2037-26-5	Toluene-d8 (Surr)	95		80-120

NM 8/10/22

7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-15 (12-15) | Lab Sample ID: 460-261735-2

Matrix: Solid | Lab File ID: B89987.D

Analysis Method: 8260D | Date Collected: 07/11/2022 10:09

Sample wt/vol: 5.40(g) | Date Analyzed: 07/13/2022 22:10

Soil Aliquot Vol: | Dilution Factor: 1

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

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

% Moisture: 9.1 % Solids: 90.9 | Level: (low/med) Low

Analysis Batch No.: 855159 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00022
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036
95-63-6	1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025
96-12-8	1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047
95-50-1	1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00043
108-67-8	1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032
541-73-1	1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0051	U	0.0051	0.00038
591-78-6	2-Hexanone	0.0051	U	0.0051	0.0017
99-87-6	4-Isopropyltoluene	0.0010	U	0.0010	0.00030
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016
67-64-1	Acetone	0.0061	U	0.0061	0.0058
71-43-2	Benzene	0.0010	U	0.0010	0.00026
75-25-2	Bromoform	0.0010	U	0.0010	0.00043
74-83-9	Bromomethane	0.0020	U	0.0020	0.0010
75-15-0	Carbon disulfide	0.0010	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.0010	U	0.0010	0.00029
124-48-1	Chlorodibromomethane	0.0010	U	0.0010	0.00020
75-00-3	Chloroethane	0.0010	U	0.0010	0.00053
67-66-3	Chloroform	0.0010	U	0.0010	0.00099
74-87-3	Chloromethane	0.0010	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036

MT 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1
SDG No.:
Client Sample ID: TRC-SB-15 (12-15) Lab Sample ID: 460-261735-2
Matrix: Solid Lab File ID: B89987.D
Analysis Method: 8260D Date Collected: 07/11/2022 10:09
Sample wt/vol: 5.40(g) Date Analyzed: 07/13/2022 22:10
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)
Purge Volume: 5.0(mL) Heated Purge: (Y/N) Y pH:
% Moisture: 9.1 % Solids: 90.9 Level: (low/med) Low
Analysis Batch No.: 855159 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028
110-82-7	Cyclohexane	0.0010	U	0.0010	0.00023
75-27-4	Dichlorobromomethane	0.0010	U	0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.0010	U	0.0010	0.00034
100-41-4	Ethylbenzene	0.0010	U	0.0010	0.00020
106-93-4	Ethylene Dibromide	0.0010	U	0.0010	0.00018
98-82-8	Isopropylbenzene	0.0010	U	0.0010	0.00029
79-20-9	Methyl acetate	0.0051	U	0.0051	0.0044
1634-04-4	Methyl tert-butyl ether	0.0010	U	0.0010	0.00052
108-87-2	Methylcyclohexane	0.0010	U	0.0010	0.00051
75-09-2	Methylene Chloride	0.0015	J	0.0020	0.0012
179601-23-1	m-Xylene & p-Xylene	0.0010	U	0.0010	0.00018
91-20-3	Naphthalene	0.0015	U	0.0015	0.00042
104-51-8	n-Butylbenzene	0.0010	U	0.0010	0.00030
103-65-1	N-Propylbenzene	0.0010	U	0.0010	0.00018
95-47-6	o-Xylene	0.0010	U	0.0010	0.00020
135-98-8	sec-Butylbenzene	0.0010	U	0.0010	0.00029
100-42-5	Styrene	0.0010	U	0.0010	0.00028
98-06-6	tert-Butylbenzene	0.0010	U	0.0010	0.00028
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00031
108-88-3	Toluene	0.0010	U	0.0010	0.00024
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00033
75-69-4	Trichlorofluoromethane	0.0010	U	0.0010	0.00041
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00056
1330-20-7	Xylenes, Total	0.0020	U	0.0020	0.00018

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		72-145
460-00-4	4-Bromofluorobenzene	99		75-139
1868-53-7	Dibromofluoromethane (Surr)	97		73-139
2037-26-5	Toluene-d8 (Surr)	95		80-120

MAT 8/10/22

8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1
SDG No.:
Client Sample ID: TRC-SB-15 (73-75) | Lab Sample ID: 460-261735-3
Matrix: Solid | Lab File ID: B89988.D
Analysis Method: 8260D | Date Collected: 07/11/2022 14:17
Sample wt/vol: 5.91(g) | Date Analyzed: 07/13/2022 22:32
Soil Aliquot Vol: | Dilution Factor: 1
Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)
Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:
% Moisture: 14.3 % Solids: 85.7 | Level: (low/med) Low
Analysis Batch No.: 855159 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00099	U	0.00099	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U	0.00099	0.00030
79-00-5	1,1,2-Trichloroethane	0.00099	U	0.00099	0.00018
75-34-3	1,1-Dichloroethane	0.00099	U	0.00099	0.00020
75-35-4	1,1-Dichloroethene	0.00099	U	0.00099	0.00022
87-61-6	1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00035
95-63-6	1,2,4-Trimethylbenzene	0.00099	U	0.00099	0.00024
96-12-8	1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00045
95-50-1	1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036
107-06-2	1,2-Dichloroethane	0.00099	U	0.00099	0.00029
78-87-5	1,2-Dichloropropane	0.00099	U	0.00099	0.00042
108-67-8	1,3,5-Trimethylbenzene	0.00099	U	0.00099	0.00031
541-73-1	1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036
106-46-7	1,4-Dichlorobenzene	0.00099	U	0.00099	0.00022
78-93-3	2-Butanone (MEK)	0.0049	U	0.0049	0.00036
591-78-6	2-Hexanone	0.0049	U	0.0049	0.0017
99-87-6	4-Isopropyltoluene	0.00099	U	0.00099	0.00030
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015
67-64-1	Acetone	0.0059	U	0.0059	0.0056
71-43-2	Benzene	0.00099	U	0.00099	0.00025
75-25-2	Bromoform	0.00099	U	0.00099	0.00042
74-83-9	Bromomethane	0.0020	U	0.0020	0.00099
75-15-0	Carbon disulfide	0.00099	U	0.00099	0.00026
56-23-5	Carbon tetrachloride	0.00099	U	0.00099	0.00038
108-90-7	Chlorobenzene	0.00099	U	0.00099	0.00017
74-97-5	Chlorobromomethane	0.00099	U	0.00099	0.00028
124-48-1	Chlorodibromomethane	0.00099	U	0.00099	0.00019
75-00-3	Chloroethane	0.00099	U	0.00099	0.00052
67-66-3	Chloroform	0.00099	U	0.00099	0.00096
74-87-3	Chloromethane	0.00099	U	0.00099	0.00043
156-59-2	cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00035

MT 8/10/22

8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-15 (73-75) Lab Sample ID: 460-261735-3

Matrix: Solid Lab File ID: B89988.D

Analysis Method: 8260D Date Collected: 07/11/2022 14:17

Sample wt/vol: 5.91(g) Date Analyzed: 07/13/2022 22:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 14.3 % Solids: 85.7 Level: (low/med) Low

Analysis Batch No.: 855159 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027
110-82-7	Cyclohexane	0.00099	U	0.00099	0.00022
75-27-4	Dichlorobromomethane	0.00099	U	0.00099	0.00025
75-71-8	Dichlorodifluoromethane	0.00099	U	0.00099	0.00033
100-41-4	Ethylbenzene	0.00099	U	0.00099	0.00020
106-93-4	Ethylene Dibromide	0.00099	U	0.00099	0.00018
98-82-8	Isopropylbenzene	0.00099	U	0.00099	0.00028
79-20-9	Methyl acetate	0.0049	U	0.0049	0.0042
1634-04-4	Methyl tert-butyl ether	0.00099	U	0.00099	0.00051
108-87-2	Methylcyclohexane	0.00099	U	0.00099	0.00049
75-09-2	Methylene Chloride	0.0020	U	0.0020	0.0011
179601-23-1	m-Xylene & p-Xylene	0.00099	U	0.00099	0.00017
91-20-3	Naphthalene	0.0015	U	0.0015	0.00040
104-51-8	n-Butylbenzene	0.00099	U	0.00099	0.00029
103-65-1	N-Propylbenzene	0.00099	U	0.00099	0.00017
95-47-6	o-Xylene	0.00099	U	0.00099	0.00019
135-98-8	sec-Butylbenzene	0.00099	U	0.00099	0.00028
100-42-5	Styrene	0.00099	U	0.00099	0.00027
98-06-6	tert-Butylbenzene	0.00099	U	0.00099	0.00027
127-18-4	Tetrachloroethene	0.00099	U	0.00099	0.00030
108-88-3	Toluene	0.00099	U	0.00099	0.00023
156-60-5	trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024
10061-02-6	trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026
79-01-6	Trichloroethene	0.00099	U	0.00099	0.00032
75-69-4	Trichlorofluoromethane	0.00099	U	0.00099	0.00040
75-01-4	Vinyl chloride	0.00099	U	0.00099	0.00054
1330-20-7	Xylenes, Total	0.0020	U	0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		72-145
460-00-4	4-Bromofluorobenzene	97		75-139
1868-53-7	Dibromofluoromethane (Surr)	97		73-139
2037-26-5	Toluene-d8 (Surr)	98		80-120

MT 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1
SDG No.:
Client Sample ID: TRC-EB-07 Lab Sample ID: 460-261735-4
Matrix: Water Lab File ID: TT57688.D
Analysis Method: 8260D Date Collected: 07/11/2022 13:30
Sample wt/vol: 5(mL) Date Analyzed: 07/14/2022 11:47
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)
Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:
% Moisture: % Solids: Level: (low/med) Low
Analysis Batch No.: 855294 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22

MT 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1
SDG No.:
Client Sample ID: TRC-EB-07 | Lab Sample ID: 460-261735-4
Matrix: Water | Lab File ID: TT57688.D
Analysis Method: 8260D | Date Collected: 07/11/2022 13:30
Sample wt/vol: 5(mL) | Date Analyzed: 07/14/2022 11:47
Soil Aliquot Vol: | Dilution Factor: 1
Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)
Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:
% Moisture: % Solids: | Level: (low/med) Low
Analysis Batch No.: 855294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
91-20-3	Naphthalene	1.0	U	1.0	0.88
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-128
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-124
2037-26-5	Toluene-d8 (Surr)	103		80-120

MT 8/16/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-14 (73-75) Lab Sample ID: 460-261873-1

Matrix: Solid Lab File ID: B90075.D

Analysis Method: 8260D Date Collected: 07/13/2022 10:45

Sample wt/vol: 4.85(g) Date Analyzed: 07/15/2022 10:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 9.3 % Solids: 90.7 Level: (low/med) Low

Analysis Batch No.: 855501 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00024
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00023
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00026
87-61-6	1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00021
120-82-1	1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041
95-63-6	1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028
96-12-8	1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052
95-50-1	1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00034
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00048
108-67-8	1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036
541-73-1	1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041
106-46-7	1,4-Dichlorobenzene	0.0011	U	0.0011	0.00026
78-93-3	2-Butanone (MEK)	0.0057	U	0.0057	0.00042
591-78-6	2-Hexanone	0.0057	U	0.0057	0.0019
99-87-6	4-Isopropyltoluene	0.0011	U	0.0011	0.00034
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018
67-64-1	Acetone	0.0068	U	0.0068	0.0065
71-43-2	Benzene	0.0011	U	0.0011	0.00029
75-25-2	Bromoform	0.0011	U	0.0011	0.00048
74-83-9	Bromomethane	0.0023	U	0.0023	0.0011
75-15-0	Carbon disulfide	0.0011	U	0.0011	0.00030
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00044
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00020
74-97-5	Chlorobromomethane	0.0011	U	0.0011	0.00032
124-48-1	Chlorodibromomethane	0.0011	U	0.0011	0.00022
75-00-3	Chloroethane	0.0011	U	0.0011	0.00059
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
74-87-3	Chloromethane	0.0011	U	0.0011	0.00049
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041

MT 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1
SDG No.:
Client Sample ID: TRC-SB-14 (73-75) | Lab Sample ID: 460-261873-1
Matrix: Solid | Lab File ID: B90075.D
Analysis Method: 8260D | Date Collected: 07/13/2022 10:45
Sample wt/vol: 4.85(g) | Date Analyzed: 07/15/2022 10:51
Soil Aliquot Vol: | Dilution Factor: 1
Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)
Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:
% Moisture: 9.3 % Solids: 90.7 | Level: (low/med) Low
Analysis Batch No.: 855501 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031
110-82-7	Cyclohexane	0.0011	U	0.0011	0.00025
75-27-4	Dichlorobromomethane	0.0011	U	0.0011	0.00029
75-71-8	Dichlorodifluoromethane	0.0011	U	0.0011	0.00038
100-41-4	Ethylbenzene	0.0011	U	0.0011	0.00023
106-93-4	Ethylene Dibromide	0.0011	U	0.0011	0.00020
98-82-8	Isopropylbenzene	0.0011	U	0.0011	0.00032
79-20-9	Methyl acetate	0.0057	U	0.0057	0.0049
1634-04-4	Methyl tert-butyl ether	0.0011	U	0.0011	0.00058
108-87-2	Methylcyclohexane	0.0011	U	0.0011	0.00057
75-09-2	Methylene Chloride	0.0023	U	0.0023	0.0013
179601-23-1	m-Xylene & p-Xylene	0.0011	U	0.0011	0.00020
91-20-3	Naphthalene	0.0017	U	0.0017	0.00047
104-51-8	n-Butylbenzene	0.0011	U	0.0011	0.00033
103-65-1	N-Propylbenzene	0.0011	U	0.0011	0.00020
95-47-6	o-Xylene	0.0011	U	0.0011	0.00022
135-98-8	sec-Butylbenzene	0.0011	U	0.0011	0.00033
100-42-5	Styrene	0.0011	U	0.0011	0.00032
98-06-6	tert-Butylbenzene	0.0011	U	0.0011	0.00031
127-18-4	Tetrachloroethene	0.0011	U	0.0011	0.00035
108-88-3	Toluene	0.0011	U	0.0011	0.00027
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030
79-01-6	Trichloroethene	0.0011	U	0.0011	0.00036
75-69-4	Trichlorofluoromethane	0.0011	U	0.0011	0.00046
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00062
1330-20-7	Xylenes, Total	0.0023	U	0.0023	0.00020

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		72-145
460-00-4	4-Bromofluorobenzene	96		75-139
1868-53-7	Dibromofluoromethane (Surr)	96		73-139
2037-26-5	Toluene-d8 (Surr)	96		80-120

MT 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-EB-08 Lab Sample ID: 460-261873-2

Matrix: Water Lab File ID: P04986.D

Analysis Method: 8260D Date Collected: 07/13/2022 08:20

Sample wt/vol: 5(mL) Date Analyzed: 07/15/2022 02:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 855446 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

11

Lab Name: Eurofins Edison
Job No.: 460-261506-1
SDG No.:
Client Sample ID: TRC-EB-08
Lab Sample ID: 460-261873-2
Matrix: Water
Lab File ID: P04986.D
Analysis Method: 8260D
Date Collected: 07/13/2022 08:20
Sample wt/vol: 5(mL)
Date Analyzed: 07/15/2022 02:43
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: Rtx-624 ID: 0.25(mm)
Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:
% Moisture: % Solids:
Level: (low/med) Low
Analysis Batch No.: 855446
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
91-20-3	Naphthalene	1.0	U	1.0	0.88
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	1.0	U	1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	75		70-128
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	75		77-124
2037-26-5	Toluene-d8 (Surr)	84		80-120

MM 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-21 (1-4) | Lab Sample ID: 460-261506-1

Matrix: Solid | Lab File ID: L352503.d

Analysis Method: 8270E | Date Collected: 07/07/2022 11:00

Extract. Method: 3546 | Date Extracted: 07/09/2022 13:08

Sample wt/vol: 15.00(g) | Date Analyzed: 07/10/2022 17:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 18.8 % Solids: 81.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 854501 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.41	U	0.41	0.014
95-94-3	1,2,4,5-Tetrachlorobenzene	0.41	U	0.41	0.013
123-91-1	1,4-Dioxane	0.041	U	0.041	0.036
108-60-1	2,2'-oxybis[1-chloropropane]	0.41	U	0.41	0.0074
58-90-2	2,3,4,6-Tetrachlorophenol	0.41	U	0.41	0.028
95-95-4	2,4,5-Trichlorophenol	0.41	U	0.41	0.041
88-06-2	2,4,6-Trichlorophenol	0.16	U	0.16	0.052
120-83-2	2,4-Dichlorophenol	0.16	U	0.16	0.026
105-67-9	2,4-Dimethylphenol	0.41	U	0.41	0.049
51-28-5	2,4-Dinitrophenol	0.33	U	0.33	0.20
121-14-2	2,4-Dinitrotoluene	0.082	U	0.082	0.044
606-20-2	2,6-Dinitrotoluene	0.082	U	0.082	0.029
91-58-7	2-Chloronaphthalene	0.41	U	0.41	0.019
95-57-8	2-Chlorophenol	0.41	U	0.41	0.014
91-57-6	2-Methylnaphthalene	0.41	U	0.41	0.011
95-48-7	2-Methylphenol	0.41	U	0.41	0.015
88-74-4	2-Nitroaniline	0.41	U	0.41	0.031
88-75-5	2-Nitrophenol	0.41	U	0.41	0.041
91-94-1	3,3'-Dichlorobenzidine	0.16	U	0.16	0.062
99-09-2	3-Nitroaniline	0.41	U	0.41	0.097
534-52-1	4,6-Dinitro-2-methylphenol	0.33	U	0.33	0.17
101-55-3	4-Bromophenyl phenyl ether	0.41	U	0.41	0.016
59-50-7	4-Chloro-3-methylphenol	0.41	U	0.41	0.023
106-47-8	4-Chloroaniline	0.41	U	0.41	0.072
7005-72-3	4-Chlorophenyl phenyl ether	0.41	U	0.41	0.014
106-44-5	4-Methylphenol	0.41	U	0.41	0.025
100-01-6	4-Nitroaniline	0.41	U	0.41	0.047
100-02-7	4-Nitrophenol	0.82	U	0.82	0.066
83-32-9	Acenaphthene	0.41	U	0.41	0.012
208-96-8	Acenaphthylene	0.41	U	0.41	0.012
98-86-2	Acetophenone	0.41	U	0.41	0.020
120-12-7	Anthracene	0.41	U	0.41	0.012

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-21 (1-4) | Lab Sample ID: 460-261506-1

Matrix: Solid | Lab File ID: L352503.d

Analysis Method: 8270E | Date Collected: 07/07/2022 11:00

Extract. Method: 3546 | Date Extracted: 07/09/2022 13:08

Sample wt/vol: 15.00(g) | Date Analyzed: 07/10/2022 17:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 18.8 % Solids: 81.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 854501 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.16	U	0.16	0.024
100-52-7	Benzaldehyde	0.41	U	0.41	0.067
56-55-3	Benzo[a]anthracene	0.030	J	0.041	0.014
50-32-8	Benzo[a]pyrene	0.032	J	0.041	0.011
205-99-2	Benzo[b]fluoranthene	0.044		0.041	0.011
191-24-2	Benzo[g,h,i]perylene	0.025	J	0.41	0.012
207-08-9	Benzo[k]fluoranthene	0.018	J	0.041	0.0080
111-91-1	Bis(2-chloroethoxy)methane	0.41	U	0.41	0.032
111-44-4	Bis(2-chloroethyl)ether	0.041	U	0.041	0.014
117-81-7	Bis(2-ethylhexyl) phthalate	0.41	U	0.41	0.022
85-68-7	Butyl benzyl phthalate	0.41	U	0.41	0.019
105-60-2	Caprolactam	0.41	U	0.41	0.063
86-74-8	Carbazole	0.41	U	0.41	0.016
218-01-9	Chrysene	0.034	J	0.41	0.0069
53-70-3	Dibenz(a,h)anthracene	0.041	U	0.041	0.018
132-64-9	Dibenzofuran	0.41	U	0.41	0.014
84-66-2	Diethyl phthalate	0.41	U	0.41	0.013
131-11-3	Dimethyl phthalate	0.41	U	0.41	0.093
84-74-2	Di-n-butyl phthalate	0.41	U	0.41	0.015
117-84-0	Di-n-octyl phthalate	0.41	U	0.41	0.022
206-44-0	Fluoranthene	0.033	J	0.41	0.014
86-73-7	Fluorene	0.41	U	0.41	0.012
118-74-1	Hexachlorobenzene	0.041	U	0.041	0.019
87-68-3	Hexachlorobutadiene	0.082	U	0.082	0.0087
77-47-4	Hexachlorocyclopentadiene	0.41	U	0.41	0.036
67-72-1	Hexachloroethane	0.041	U	0.041	0.014
193-39-5	Indeno[1,2,3-cd]pyrene	0.025	J	0.041	0.016
78-59-1	Isophorone	0.16	U	0.16	0.12
91-20-3	Naphthalene	0.41	U	0.41	0.0070
98-95-3	Nitrobenzene	0.041	U	0.041	0.023
621-64-7	N-Nitrosodi-n-propylamine	0.041	U	0.041	0.030
86-30-6	N-Nitrosodiphenylamine	0.41	U	0.41	0.033

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-21 (1-4) | Lab Sample ID: 460-261506-1

Matrix: Solid | Lab File ID: L352503.d

Analysis Method: 8270E | Date Collected: 07/07/2022 11:00

Extract. Method: 3546 | Date Extracted: 07/09/2022 13:08

Sample wt/vol: 15.00(g) | Date Analyzed: 07/10/2022 17:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 18.8 % Solids: 81.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 854501 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.33	U	0.33	0.083
85-01-8	Phenanthrene	0.021	J	0.41	0.0072
108-95-2	Phenol	0.41	U	0.41	0.015
129-00-0	Pyrene	0.038	J	0.41	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	36		10-123
321-60-8	2-Fluorobiphenyl	36		22-122
367-12-4	2-Fluorophenol (Surr)	31		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	35		16-125
4165-62-2	Phenol-d5 (Surr)	33		23-120
1718-51-0	Terphenyl-d14 (Surr)	44		25-126

MT 8/10/22

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

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-21 (1-4) | Lab Sample ID: 460-261506-1

Matrix: Solid | Lab File ID: L352503.d

Analysis Method: 8270E | Date Collected: 07/07/2022 11:00

Extract. Method: 3546 | Date Extracted: 07/09/2022 13:08

Sample wt/vol: 15.00(g) | Date Analyzed: 07/10/2022 17:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 18.8 % Solids: 81.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 854501 | Units: mg/Kg

Number TICs Found: 1 | TIC Result Total: 0.72

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	3.01	0.72	AJ	

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-21 (12-15) | Lab Sample ID: 460-261506-2

Matrix: Solid | Lab File ID: L352497.d

Analysis Method: 8270E | Date Collected: 07/07/2022 11:45

Extract. Method: 3546 | Date Extracted: 07/09/2022 13:08

Sample wt/vol: 15.00(g) | Date Analyzed: 07/10/2022 15:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.9 % Solids: 90.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 854501 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.37	U	0.37	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.011
123-91-1	1,4-Dioxane	0.037	U	0.037	0.032
108-60-1	2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.0066
58-90-2	2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025
95-95-4	2,4,5-Trichlorophenol	0.37	U	0.37	0.037
88-06-2	2,4,6-Trichlorophenol	0.15	U	0.15	0.047
120-83-2	2,4-Dichlorophenol	0.15	U	0.15	0.024
105-67-9	2,4-Dimethylphenol	0.37	U	0.37	0.044
51-28-5	2,4-Dinitrophenol	0.30	U	0.30	0.18
121-14-2	2,4-Dinitrotoluene	0.074	U	0.074	0.040
606-20-2	2,6-Dinitrotoluene	0.074	U	0.074	0.027
91-58-7	2-Chloronaphthalene	0.37	U	0.37	0.017
95-57-8	2-Chlorophenol	0.37	U	0.37	0.013
91-57-6	2-Methylnaphthalene	0.37	U	0.37	0.010
95-48-7	2-Methylphenol	0.37	U	0.37	0.014
88-74-4	2-Nitroaniline	0.37	U	0.37	0.028
88-75-5	2-Nitrophenol	0.37	U	0.37	0.037
91-94-1	3,3'-Dichlorobenzidine	0.15	U	0.15	0.055
99-09-2	3-Nitroaniline	0.37	U	0.37	0.087
534-52-1	4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15
101-55-3	4-Bromophenyl phenyl ether	0.37	U	0.37	0.015
59-50-7	4-Chloro-3-methylphenol	0.37	U	0.37	0.021
106-47-8	4-Chloroaniline	0.37	U	0.37	0.065
7005-72-3	4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013
106-44-5	4-Methylphenol	0.37	U	0.37	0.023
100-01-6	4-Nitroaniline	0.37	U	0.37	0.042
100-02-7	4-Nitrophenol	0.74	U	0.74	0.060
83-32-9	Acenaphthene	0.37	U	0.37	0.010
208-96-8	Acenaphthylene	0.37	U	0.37	0.010
98-86-2	Acetophenone	0.37	U	0.37	0.018
120-12-7	Anthracene	0.37	U	0.37	0.011

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-21 (12-15) | Lab Sample ID: 460-261506-2

Matrix: Solid | Lab File ID: L352497.d

Analysis Method: 8270E | Date Collected: 07/07/2022 11:45

Extract. Method: 3546 | Date Extracted: 07/09/2022 13:08

Sample wt/vol: 15.00(g) | Date Analyzed: 07/10/2022 15:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.9 % Solids: 90.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 854501 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.15	U	0.15	0.022
100-52-7	Benzaldehyde	0.37	U	0.37	0.061
56-55-3	Benzo[a]anthracene	0.037	U	0.037	0.013
50-32-8	Benzo[a]pyrene	0.037	U	0.037	0.0098
205-99-2	Benzo[b]fluoranthene	0.037	U	0.037	0.0095
191-24-2	Benzo[g,h,i]perylene	0.37	U	0.37	0.011
207-08-9	Benzo[k]fluoranthene	0.037	U	0.037	0.0072
111-91-1	Bis(2-chloroethoxy)methane	0.37	U	0.37	0.029
111-44-4	Bis(2-chloroethyl)ether	0.037	U	0.037	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.019
85-68-7	Butyl benzyl phthalate	0.37	U	0.37	0.017
105-60-2	Caprolactam	0.37	U	0.37	0.057
86-74-8	Carbazole	0.37	U	0.37	0.014
218-01-9	Chrysene	0.37	U	0.37	0.0062
53-70-3	Dibenz(a,h)anthracene	0.037	U	0.037	0.016
132-64-9	Dibenzofuran	0.37	U	0.37	0.012
84-66-2	Diethyl phthalate	0.37	U	0.37	0.012
131-11-3	Dimethyl phthalate	0.37	U	0.37	0.083
84-74-2	Di-n-butyl phthalate	0.37	U	0.37	0.014
117-84-0	Di-n-octyl phthalate	0.37	U	0.37	0.019
206-44-0	Fluoranthene	0.37	U	0.37	0.013
86-73-7	Fluorene	0.37	U	0.37	0.011
118-74-1	Hexachlorobenzene	0.037	U	0.037	0.017
87-68-3	Hexachlorobutadiene	0.074	U	0.074	0.0078
77-47-4	Hexachlorocyclopentadiene	0.37	U	0.37	0.032
67-72-1	Hexachloroethane	0.037	U	0.037	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.014
78-59-1	Isophorone	0.15	U	0.15	0.11
91-20-3	Naphthalene	0.37	U	0.37	0.0063
98-95-3	Nitrobenzene	0.037	U	0.037	0.020
621-64-7	N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027
86-30-6	N-Nitrosodiphenylamine	0.37	U	0.37	0.030

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1
SDG No.:
Client Sample ID: TRC-SB-21 (12-15) | Lab Sample ID: 460-261506-2
Matrix: Solid | Lab File ID: L352497.d
Analysis Method: 8270E | Date Collected: 07/07/2022 11:45
Extract. Method: 3546 | Date Extracted: 07/09/2022 13:08
Sample wt/vol: 15.00(g) | Date Analyzed: 07/10/2022 15:37
Con. Extract Vol.: 1(mL) | Dilution Factor: 1
Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: 9.9 % Solids: 90.1 | GPC Cleanup:(Y/N) N
Cleanup Factor: | Level: (low/med) Low
Analysis Batch No.: 854501 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.30	U	0.30	0.075
85-01-8	Phenanthrene	0.37	U	0.37	0.0065
108-95-2	Phenol	0.37	U	0.37	0.014
129-00-0	Pyrene	0.37	U	0.37	0.0091

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	39		10-123
321-60-8	2-Fluorobiphenyl	41		22-122
367-12-4	2-Fluorophenol (Surr)	35		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	36		16-125
4165-62-2	Phenol-d5 (Surr)	38		23-120
1718-51-0	Terphenyl-d14 (Surr)	47		25-126

MT 8/10/22

2

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

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-21 (12-15) | Lab Sample ID: 460-261506-2

Matrix: Solid | Lab File ID: L352497.d

Analysis Method: 8270E | Date Collected: 07/07/2022 11:45

Extract. Method: 3546 | Date Extracted: 07/09/2022 13:08

Sample wt/vol: 15.00(g) | Date Analyzed: 07/10/2022 15:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.9 % Solids: 90.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 854501 | Units: mg/Kg

Number TICs Found: 4 | TIC Result Total: 3.04

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	3.02	0.32	A J	
	Unknown	9.92	0.65	J	
	Unknown	11.28	0.67	J	
	Unknown	11.73	1.4	J	

MM 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1
SDG No.:
Client Sample ID: TRC-EB-05 Lab Sample ID: 460-261506-3
Matrix: Water Lab File ID: M237495.D
Analysis Method: 8270E Date Collected: 07/07/2022 13:00
Extract. Method: 3510C Date Extracted: 07/11/2022 10:57
Sample wt/vol: 250(mL) Date Analyzed: 07/12/2022 08:39
Con. Extract Vol.: 2(mL) Dilution Factor: 1
Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: % Solids: GPC Cleanup:(Y/N) N
Cleanup Factor: Level: (low/med) Low
Analysis Batch No.: 854793 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	1.2
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
123-91-1	1,4-Dioxane	10	U	10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
51-28-5	2,4-Dinitrophenol	20	U	20	2.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
91-58-7	2-Chloronaphthalene	10	U	10	1.2
95-57-8	2-Chlorophenol	10	U	10	0.38
91-57-6	2-Methylnaphthalene	10	U	10	0.53
95-48-7	2-Methylphenol	10	U	10	0.67
88-74-4	2-Nitroaniline	10	U	10	0.47
88-75-5	2-Nitrophenol	10	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
99-09-2	3-Nitroaniline	10	U	10	1.9
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
106-47-8	4-Chloroaniline	10	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
106-44-5	4-Methylphenol	10	U	10	0.65
100-01-6	4-Nitroaniline	10	U	10	1.2
100-02-7	4-Nitrophenol	20	U	20	4.0
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
98-86-2	Acetophenone	10	U	10	2.3
120-12-7	Anthracene	10	U	10	1.3

MM 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1
SDG No.:
Client Sample ID: TRC-EB-05 Lab Sample ID: 460-261506-3
Matrix: Water Lab File ID: M237495.D
Analysis Method: 8270E Date Collected: 07/07/2022 13:00
Extract. Method: 3510C Date Extracted: 07/11/2022 10:57
Sample wt/vol: 250(mL) Date Analyzed: 07/12/2022 08:39
Con. Extract Vol.: 2(mL) Dilution Factor: 1
Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: % Solids: GPC Cleanup:(Y/N) N
Cleanup Factor: Level: (low/med) Low
Analysis Batch No.: 854793 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	2.0	U	2.0	1.3
100-52-7	Benzaldehyde	10	U	10	2.1
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
105-60-2	Caprolactam	10	U	10	2.2
86-74-8	Carbazole	10	U	10	0.68
218-01-9	Chrysene	2.0	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
132-64-9	Dibenzofuran	10	U	10	1.1
84-66-2	Diethyl phthalate	10	U	10	0.98
131-11-3	Dimethyl phthalate	10	U	10	0.77
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89

MM 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-EB-05 | Lab Sample ID: 460-261506-3

Matrix: Water | Lab File ID: M237495.D

Analysis Method: 8270E | Date Collected: 07/07/2022 13:00

Extract. Method: 3510C | Date Extracted: 07/11/2022 10:57

Sample wt/vol: 250(mL) | Date Analyzed: 07/12/2022 08:39

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 854793 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	20	U	20	1.4
85-01-8	Phenanthrene	10	U	10	1.3
108-95-2	Phenol	10	U	10	0.29
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	101		37-150
321-60-8	2-Fluorobiphenyl	71		46-139
367-12-4	2-Fluorophenol (Surr)	58		19-80
4165-60-0	Nitrobenzene-d5 (Surr)	100		52-137
4165-62-2	Phenol-d5 (Surr)	39		10-56
1718-51-0	Terphenyl-d14 (Surr)	127		22-150

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-21 (71-73) Lab Sample ID: 460-261582-1

Matrix: Solid Lab File ID: L352498.d

Analysis Method: 8270E Date Collected: 07/07/2022 16:45

Extract. Method: 3546 Date Extracted: 07/09/2022 13:08

Sample wt/vol: 15.00(g) Date Analyzed: 07/10/2022 16:00

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.8 % Solids: 90.2 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 854501 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.37	U	0.37	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.011
123-91-1	1,4-Dioxane	0.037	U	0.037	0.032
108-60-1	2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.0066
58-90-2	2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025
95-95-4	2,4,5-Trichlorophenol	0.37	U	0.37	0.037
88-06-2	2,4,6-Trichlorophenol	0.15	U	0.15	0.047
120-83-2	2,4-Dichlorophenol	0.15	U	0.15	0.024
105-67-9	2,4-Dimethylphenol	0.37	U	0.37	0.044
51-28-5	2,4-Dinitrophenol	0.30	U	0.30	0.18
121-14-2	2,4-Dinitrotoluene	0.074	U	0.074	0.039
606-20-2	2,6-Dinitrotoluene	0.074	U	0.074	0.027
91-58-7	2-Chloronaphthalene	0.37	U	0.37	0.017
95-57-8	2-Chlorophenol	0.37	U	0.37	0.013
91-57-6	2-Methylnaphthalene	0.37	U	0.37	0.010
95-48-7	2-Methylphenol	0.37	U	0.37	0.014
88-74-4	2-Nitroaniline	0.37	U	0.37	0.028
88-75-5	2-Nitrophenol	0.37	U	0.37	0.037
91-94-1	3,3'-Dichlorobenzidine	0.15	U	0.15	0.055
99-09-2	3-Nitroaniline	0.37	U	0.37	0.087
534-52-1	4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15
101-55-3	4-Bromophenyl phenyl ether	0.37	U	0.37	0.015
59-50-7	4-Chloro-3-methylphenol	0.37	U	0.37	0.021
106-47-8	4-Chloroaniline	0.37	U	0.37	0.065
7005-72-3	4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013
106-44-5	4-Methylphenol	0.37	U	0.37	0.023
100-01-6	4-Nitroaniline	0.37	U	0.37	0.042
100-02-7	4-Nitrophenol	0.74	U	0.74	0.060
83-32-9	Acenaphthene	0.37	U	0.37	0.010
208-96-8	Acenaphthylene	0.37	U	0.37	0.010
98-86-2	Acetophenone	0.37	U	0.37	0.018
120-12-7	Anthracene	0.37	U	0.37	0.011

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-21 (71-73) Lab Sample ID: 460-261582-1

Matrix: Solid Lab File ID: L352498.d

Analysis Method: 8270E Date Collected: 07/07/2022 16:45

Extract. Method: 3546 Date Extracted: 07/09/2022 13:08

Sample wt/vol: 15.00(g) Date Analyzed: 07/10/2022 16:00

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.8 % Solids: 90.2 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 854501 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.15	U	0.15	0.022
100-52-7	Benzaldehyde	0.37	U	0.37	0.061
56-55-3	Benzo[a]anthracene	0.037	U	0.037	0.013
50-32-8	Benzo[a]pyrene	0.037	U	0.037	0.0098
205-99-2	Benzo[b]fluoranthene	0.037	U	0.037	0.0095
191-24-2	Benzo[g,h,i]perylene	0.37	U	0.37	0.011
207-08-9	Benzo[k]fluoranthene	0.037	U	0.037	0.0072
111-91-1	Bis(2-chloroethoxy)methane	0.37	U	0.37	0.029
111-44-4	Bis(2-chloroethyl)ether	0.037	U	0.037	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.019
85-68-7	Butyl benzyl phthalate	0.37	U	0.37	0.017
105-60-2	Caprolactam	0.37	U	0.37	0.057
86-74-8	Carbazole	0.37	U	0.37	0.014
218-01-9	Chrysene	0.37	U	0.37	0.0062
53-70-3	Dibenz(a,h)anthracene	0.037	U	0.037	0.016
132-64-9	Dibenzofuran	0.37	U	0.37	0.012
84-66-2	Diethyl phthalate	0.37	U	0.37	0.012
131-11-3	Dimethyl phthalate	0.37	U	0.37	0.083
84-74-2	Di-n-butyl phthalate	0.37	U	0.37	0.014
117-84-0	Di-n-octyl phthalate	0.37	U	0.37	0.019
206-44-0	Fluoranthene	0.37	U	0.37	0.013
86-73-7	Fluorene	0.37	U	0.37	0.011
118-74-1	Hexachlorobenzene	0.037	U	0.037	0.017
87-68-3	Hexachlorobutadiene	0.074	U	0.074	0.0078
77-47-4	Hexachlorocyclopentadiene	0.37	U	0.37	0.032
67-72-1	Hexachloroethane	0.037	U	0.037	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.014
78-59-1	Isophorone	0.15	U	0.15	0.11
91-20-3	Naphthalene	0.37	U	0.37	0.0063
98-95-3	Nitrobenzene	0.037	U	0.037	0.020
621-64-7	N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027
86-30-6	N-Nitrosodiphenylamine	0.37	U	0.37	0.030

MM 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-21 (71-73) | Lab Sample ID: 460-261582-1

Matrix: Solid | Lab File ID: L352498.d

Analysis Method: 8270E | Date Collected: 07/07/2022 16:45

Extract. Method: 3546 | Date Extracted: 07/09/2022 13:08

Sample wt/vol: 15.00(g) | Date Analyzed: 07/10/2022 16:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.8 % Solids: 90.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 854501 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.30	U	0.30	0.075
85-01-8	Phenanthrene	0.015	J	0.37	0.0064
108-95-2	Phenol	0.37	U	0.37	0.013
129-00-0	Pyrene	0.37	U	0.37	0.0091

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	55		10-123
321-60-8	2-Fluorobiphenyl	59		22-122
367-12-4	2-Fluorophenol (Surr)	54		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	58		16-125
4165-62-2	Phenol-d5 (Surr)	55		23-120
1718-51-0	Terphenyl-d14 (Surr)	70		25-126

MT 8/16/22

4

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

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-21 (71-73) | Lab Sample ID: 460-261582-1

Matrix: Solid | Lab File ID: L352498.d

Analysis Method: 8270E | Date Collected: 07/07/2022 16:45

Extract. Method: 3546 | Date Extracted: 07/09/2022 13:08

Sample wt/vol: 15.00(g) | Date Analyzed: 07/10/2022 16:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.8 % Solids: 90.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 854501 | Units: mg/Kg

Number TICs Found: 1 | TIC Result Total: 0.48

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	3.03	0.48	AJ	

FORM I-TIC 8270E

MT 8/10/22

07/23/2022

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-EB-06 Lab Sample ID: 460-261582-2

Matrix: Water Lab File ID: M237500.D

Analysis Method: 8270E Date Collected: 07/08/2022 12:00

Extract. Method: 3510C Date Extracted: 07/11/2022 10:57

Sample wt/vol: 250(mL) Date Analyzed: 07/12/2022 10:27

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 854793 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	1.2
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
123-91-1	1,4-Dioxane	10	U	10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
51-28-5	2,4-Dinitrophenol	20	U	20	2.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
91-58-7	2-Chloronaphthalene	10	U	10	1.2
95-57-8	2-Chlorophenol	10	U	10	0.38
91-57-6	2-Methylnaphthalene	10	U	10	0.53
95-48-7	2-Methylphenol	10	U	10	0.67
88-74-4	2-Nitroaniline	10	U	10	0.47
88-75-5	2-Nitrophenol	10	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
99-09-2	3-Nitroaniline	10	U	10	1.9
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
106-47-8	4-Chloroaniline	10	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
106-44-5	4-Methylphenol	10	U	10	0.65
100-01-6	4-Nitroaniline	10	U	10	1.2
100-02-7	4-Nitrophenol	20	U	20	4.0
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
98-86-2	Acetophenone	10	U	10	2.3
120-12-7	Anthracene	10	U	10	1.3

MT 8/10/22

5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-EB-06 | Lab Sample ID: 460-261582-2

Matrix: Water | Lab File ID: M237500.D

Analysis Method: 8270E | Date Collected: 07/08/2022 12:00

Extract. Method: 3510C | Date Extracted: 07/11/2022 10:57

Sample wt/vol: 250(mL) | Date Analyzed: 07/12/2022 10:27

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 854793 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	2.0	U	2.0	1.3
100-52-7	Benzaldehyde	10	U	10	2.1
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
105-60-2	Caprolactam	10	U	10	2.2
86-74-8	Carbazole	10	U	10	0.68
218-01-9	Chrysene	2.0	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
132-64-9	Dibenzofuran	10	U	10	1.1
84-66-2	Diethyl phthalate	10	U	10	0.98
131-11-3	Dimethyl phthalate	10	U	10	0.77
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89

MT 8/10/22

5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1
SDG No.:
Client Sample ID: TRC-EB-06 | Lab Sample ID: 460-261582-2
Matrix: Water | Lab File ID: M237500.D
Analysis Method: 8270E | Date Collected: 07/08/2022 12:00
Extract. Method: 3510C | Date Extracted: 07/11/2022 10:57
Sample wt/vol: 250(mL) | Date Analyzed: 07/12/2022 10:27
Con. Extract Vol.: 2(mL) | Dilution Factor: 1
Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: % Solids: | GPC Cleanup:(Y/N) N
Cleanup Factor: | Level: (low/med) Low
Analysis Batch No.: 854793 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	20	U	20	1.4
85-01-8	Phenanthrene	10	U	10	1.3
108-95-2	Phenol	10	U	10	0.29
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	131		37-150
321-60-8	2-Fluorobiphenyl	89		46-139
367-12-4	2-Fluorophenol (Surr)	93		19-80
4165-60-0	Nitrobenzene-d5 (Surr)	122		52-137
4165-62-2	Phenol-d5 (Surr)	68		10-56
1718-51-0	Terphenyl-d14 (Surr)	148		22-150

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-15 (1-4) Lab Sample ID: 460-261735-1

Matrix: Solid Lab File ID: Z71331.d

Analysis Method: 8270E Date Collected: 07/11/2022 09:19

Extract. Method: 3546 Date Extracted: 07/13/2022 22:04

Sample wt/vol: 15.09(g) Date Analyzed: 07/14/2022 13:07

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 12.8 % Solids: 87.2 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 855300 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.38	U	0.38	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.38	U	0.38	0.012
123-91-1	1,4-Dioxane	0.038	U	0.038	0.033
108-60-1	2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.0068
58-90-2	2,3,4,6-Tetrachlorophenol	0.38	U	0.38	0.026
95-95-4	2,4,5-Trichlorophenol	0.38	U	0.38	0.038
88-06-2	2,4,6-Trichlorophenol	0.15	U	0.15	0.048
120-83-2	2,4-Dichlorophenol	0.15	U	0.15	0.024
105-67-9	2,4-Dimethylphenol	0.38	U	0.38	0.045
51-28-5	2,4-Dinitrophenol	0.30	U	0.30	0.19
121-14-2	2,4-Dinitrotoluene	0.076	U	0.076	0.041
606-20-2	2,6-Dinitrotoluene	0.076	U	0.076	0.027
91-58-7	2-Chloronaphthalene	0.38	U	0.38	0.017
95-57-8	2-Chlorophenol	0.38	U	0.38	0.013
91-57-6	2-Methylnaphthalene	0.38	U	0.38	0.011
95-48-7	2-Methylphenol	0.38	U	0.38	0.014
88-74-4	2-Nitroaniline	0.38	U	0.38	0.029
88-75-5	2-Nitrophenol	0.38	U	0.38	0.038
91-94-1	3,3'-Dichlorobenzidine	0.15	U	0.15	0.057
99-09-2	3-Nitroaniline	0.38	U	0.38	0.089
534-52-1	4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15
101-55-3	4-Bromophenyl phenyl ether	0.38	U	0.38	0.015
59-50-7	4-Chloro-3-methylphenol	0.38	U	0.38	0.021
106-47-8	4-Chloroaniline	0.38	U	0.38	0.067
7005-72-3	4-Chlorophenyl phenyl ether	0.38	U	0.38	0.013
106-44-5	4-Methylphenol	0.38	U	0.38	0.024
100-01-6	4-Nitroaniline	0.38	U	0.38	0.043
100-02-7	4-Nitrophenol	0.76	U	0.76	0.061
83-32-9	Acenaphthene	0.38	U	0.38	0.011
208-96-8	Acenaphthylene	0.019	J	0.38	0.011
98-86-2	Acetophenone	0.38	U	0.38	0.019
120-12-7	Anthracene	0.38	U	0.38	0.011

MF 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-15 (1-4) Lab Sample ID: 460-261735-1

Matrix: Solid Lab File ID: Z71331.d

Analysis Method: 8270E Date Collected: 07/11/2022 09:19

Extract. Method: 3546 Date Extracted: 07/13/2022 22:04

Sample wt/vol: 15.09(g) Date Analyzed: 07/14/2022 13:07

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 12.8 % Solids: 87.2 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 855300 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.15	U	0.15	0.022
100-52-7	Benzaldehyde	0.38	U	0.38	0.062
56-55-3	Benzo[a]anthracene	0.066		0.038	0.013
50-32-8	Benzo[a]pyrene	0.11		0.038	0.010
205-99-2	Benzo[b]fluoranthene	0.16		0.038	0.0098
191-24-2	Benzo[g,h,i]perylene	0.10	J	0.38	0.011
207-08-9	Benzo[k]fluoranthene	0.052		0.038	0.0074
111-91-1	Bis(2-chloroethoxy)methane	0.38	U	0.38	0.029
111-44-4	Bis(2-chloroethyl)ether	0.038	U	0.038	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.020
85-68-7	Butyl benzyl phthalate	0.38	U	0.38	0.018
105-60-2	Caprolactam	0.38	U	0.38	0.059
86-74-8	Carbazole	0.38	U	0.38	0.014
218-01-9	Chrysene	0.072	J	0.38	0.0064
53-70-3	Dibenz(a,h)anthracene	0.033	J	0.038	0.016
132-64-9	Dibenzofuran	0.38	U	0.38	0.013
84-66-2	Diethyl phthalate	0.38	U	0.38	0.012
131-11-3	Dimethyl phthalate	0.38	U	0.38	0.086
84-74-2	Di-n-butyl phthalate	0.38	U	0.38	0.014
117-84-0	Di-n-octyl phthalate	0.38	U	0.38	0.020
206-44-0	Fluoranthene	0.055	J	0.38	0.013
86-73-7	Fluorene	0.38	U	0.38	0.011
118-74-1	Hexachlorobenzene	0.038	U	0.038	0.018
87-68-3	Hexachlorobutadiene	0.076	U	0.076	0.0080
77-47-4	Hexachlorocyclopentadiene	0.38	U	0.38	0.033
67-72-1	Hexachloroethane	0.038	U	0.038	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.12		0.038	0.015
78-59-1	Isophorone	0.15	U	0.15	0.11
91-20-3	Naphthalene	0.38	U	0.38	0.0065
98-95-3	Nitrobenzene	0.038	U	0.038	0.021
621-64-7	N-Nitrosodi-n-propylamine	0.038	U	0.038	0.027
86-30-6	N-Nitrosodiphenylamine	0.38	U	0.38	0.031

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-15 (1-4) | Lab Sample ID: 460-261735-1

Matrix: Solid | Lab File ID: Z71331.d

Analysis Method: 8270E | Date Collected: 07/11/2022 09:19

Extract. Method: 3546 | Date Extracted: 07/13/2022 22:04

Sample wt/vol: 15.09(g) | Date Analyzed: 07/14/2022 13:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 12.8 % Solids: 87.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 855300 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.30	U	0.30	0.077
85-01-8	Phenanthrene	0.024	J	0.38	0.0066
108-95-2	Phenol	0.38	U	0.38	0.014
129-00-0	Pyrene	0.055	J	0.38	0.0094

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	92		10-123
321-60-8	2-Fluorobiphenyl	96		22-122
367-12-4	2-Fluorophenol (Surr)	90		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	99		16-125
4165-62-2	Phenol-d5 (Surr)	98		23-120
1718-51-0	Terphenyl-d14 (Surr)	104		25-126

MM 8/16/22

7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-15 (12-15) | Lab Sample ID: 460-261735-2

Matrix: Solid | Lab File ID: Z71332.d

Analysis Method: 8270E | Date Collected: 07/11/2022 10:09

Extract. Method: 3546 | Date Extracted: 07/13/2022 22:04

Sample wt/vol: 15.01(g) | Date Analyzed: 07/14/2022 13:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.1 % Solids: 90.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 855300 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.36	U	0.36	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011
123-91-1	1,4-Dioxane	0.036	U	0.036	0.032
108-60-1	2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.0066
58-90-2	2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025
95-95-4	2,4,5-Trichlorophenol	0.36	U	0.36	0.037
88-06-2	2,4,6-Trichlorophenol	0.15	U	0.15	0.047
120-83-2	2,4-Dichlorophenol	0.15	U	0.15	0.023
105-67-9	2,4-Dimethylphenol	0.36	U	0.36	0.043
51-28-5	2,4-Dinitrophenol	0.29	U	0.29	0.18
121-14-2	2,4-Dinitrotoluene	0.074	U	0.074	0.039
606-20-2	2,6-Dinitrotoluene	0.074	U	0.074	0.026
91-58-7	2-Chloronaphthalene	0.36	U	0.36	0.017
95-57-8	2-Chlorophenol	0.36	U	0.36	0.013
91-57-6	2-Methylnaphthalene	0.36	U	0.36	0.010
95-48-7	2-Methylphenol	0.36	U	0.36	0.014
88-74-4	2-Nitroaniline	0.36	U	0.36	0.028
88-75-5	2-Nitrophenol	0.36	U	0.36	0.036
91-94-1	3,3'-Dichlorobenzidine	0.15	U	0.15	0.055
99-09-2	3-Nitroaniline	0.36	U	0.36	0.086
534-52-1	4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15
101-55-3	4-Bromophenyl phenyl ether	0.36	U	0.36	0.014
59-50-7	4-Chloro-3-methylphenol	0.36	U	0.36	0.020
106-47-8	4-Chloroaniline	0.36	U	0.36	0.065
7005-72-3	4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013
106-44-5	4-Methylphenol	0.36	U	0.36	0.023
100-01-6	4-Nitroaniline	0.36	U	0.36	0.042
100-02-7	4-Nitrophenol	0.74	U	0.74	0.059
83-32-9	Acenaphthene	0.36	U	0.36	0.010
208-96-8	Acenaphthylene	0.36	U	0.36	0.010
98-86-2	Acetophenone	0.36	U	0.36	0.018
120-12-7	Anthracene	0.36	U	0.36	0.011

MM 8/16/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-15 (12-15) Lab Sample ID: 460-261735-2

Matrix: Solid Lab File ID: Z71332.d

Analysis Method: 8270E Date Collected: 07/11/2022 10:09

Extract. Method: 3546 Date Extracted: 07/13/2022 22:04

Sample wt/vol: 15.01(g) Date Analyzed: 07/14/2022 13:30

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.1 % Solids: 90.9 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 855300 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.15	U	0.15	0.021
100-52-7	Benzaldehyde	0.36	U	0.36	0.060
56-55-3	Benzo[a]anthracene	0.036	U	0.036	0.013
50-32-8	Benzo[a]pyrene	0.036	U	0.036	0.0097
205-99-2	Benzo[b]fluoranthene	0.036	U	0.036	0.0094
191-24-2	Benzo[g,h,i]perylene	0.36	U	0.36	0.011
207-08-9	Benzo[k]fluoranthene	0.036	U	0.036	0.0071
111-91-1	Bis(2-chloroethoxy)methane	0.36	U	0.36	0.028
111-44-4	Bis(2-chloroethyl)ether	0.036	U	0.036	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019
85-68-7	Butyl benzyl phthalate	0.36	U	0.36	0.017
105-60-2	Caprolactam	0.36	U	0.36	0.057
86-74-8	Carbazole	0.36	U	0.36	0.014
218-01-9	Chrysene	0.36	U	0.36	0.0062
53-70-3	Dibenz(a,h)anthracene	0.036	U	0.036	0.016
132-64-9	Dibenzofuran	0.36	U	0.36	0.012
84-66-2	Diethyl phthalate	0.36	U	0.36	0.012
131-11-3	Dimethyl phthalate	0.36	U	0.36	0.083
84-74-2	Di-n-butyl phthalate	0.36	U	0.36	0.014
117-84-0	Di-n-octyl phthalate	0.36	U	0.36	0.019
206-44-0	Fluoranthene	0.36	U	0.36	0.013
86-73-7	Fluorene	0.36	U	0.36	0.011
118-74-1	Hexachlorobenzene	0.036	U	0.036	0.017
87-68-3	Hexachlorobutadiene	0.074	U	0.074	0.0077
77-47-4	Hexachlorocyclopentadiene	0.36	U	0.36	0.032
67-72-1	Hexachloroethane	0.036	U	0.036	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014
78-59-1	Isophorone	0.15	U	0.15	0.11
91-20-3	Naphthalene	0.36	U	0.36	0.0063
98-95-3	Nitrobenzene	0.036	U	0.036	0.020
621-64-7	N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026
86-30-6	N-Nitrosodiphenylamine	0.36	U	0.36	0.030

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-15 (12-15) | Lab Sample ID: 460-261735-2

Matrix: Solid | Lab File ID: Z71332.d

Analysis Method: 8270E | Date Collected: 07/11/2022 10:09

Extract. Method: 3546 | Date Extracted: 07/13/2022 22:04

Sample wt/vol: 15.01(g) | Date Analyzed: 07/14/2022 13:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.1 % Solids: 90.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 855300 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.29	U	0.29	0.075
85-01-8	Phenanthrene	0.36	U	0.36	0.0064
108-95-2	Phenol	0.36	U	0.36	0.013
129-00-0	Pyrene	0.36	U	0.36	0.0090

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	97		10-123
321-60-8	2-Fluorobiphenyl	101		22-122
367-12-4	2-Fluorophenol (Surr)	97		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	106		16-125
4165-62-2	Phenol-d5 (Surr)	105		23-120
1718-51-0	Terphenyl-d14 (Surr)	108		25-126

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-15 (73-75) | Lab Sample ID: 460-261735-3

Matrix: Solid | Lab File ID: Z71333.d

Analysis Method: 8270E | Date Collected: 07/11/2022 14:17

Extract. Method: 3546 | Date Extracted: 07/13/2022 22:04

Sample wt/vol: 15.06(g) | Date Analyzed: 07/14/2022 13:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 14.3 % Solids: 85.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 855300 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.38	U	0.38	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.38	U	0.38	0.012
123-91-1	1,4-Dioxane	0.038	U	0.038	0.034
108-60-1	2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.0070
58-90-2	2,3,4,6-Tetrachlorophenol	0.38	U	0.38	0.026
95-95-4	2,4,5-Trichlorophenol	0.38	U	0.38	0.039
88-06-2	2,4,6-Trichlorophenol	0.15	U	0.15	0.049
120-83-2	2,4-Dichlorophenol	0.15	U	0.15	0.025
105-67-9	2,4-Dimethylphenol	0.38	U	0.38	0.046
51-28-5	2,4-Dinitrophenol	0.31	U	0.31	0.19
121-14-2	2,4-Dinitrotoluene	0.078	U	0.078	0.041
606-20-2	2,6-Dinitrotoluene	0.078	U	0.078	0.028
91-58-7	2-Chloronaphthalene	0.38	U	0.38	0.018
95-57-8	2-Chlorophenol	0.38	U	0.38	0.014
91-57-6	2-Methylnaphthalene	0.38	U	0.38	0.011
95-48-7	2-Methylphenol	0.38	U	0.38	0.014
88-74-4	2-Nitroaniline	0.38	U	0.38	0.029
88-75-5	2-Nitrophenol	0.38	U	0.38	0.039
91-94-1	3,3'-Dichlorobenzidine	0.15	U	0.15	0.058
99-09-2	3-Nitroaniline	0.38	U	0.38	0.091
534-52-1	4,6-Dinitro-2-methylphenol	0.31	U	0.31	0.16
101-55-3	4-Bromophenyl phenyl ether	0.38	U	0.38	0.015
59-50-7	4-Chloro-3-methylphenol	0.38	U	0.38	0.022
106-47-8	4-Chloroaniline	0.38	U	0.38	0.068
7005-72-3	4-Chlorophenyl phenyl ether	0.38	U	0.38	0.014
106-44-5	4-Methylphenol	0.38	U	0.38	0.024
100-01-6	4-Nitroaniline	0.38	U	0.38	0.044
100-02-7	4-Nitrophenol	0.78	U	0.78	0.063
83-32-9	Acenaphthene	0.38	U	0.38	0.011
208-96-8	Acenaphthylene	0.38	U	0.38	0.011
98-86-2	Acetophenone	0.38	U	0.38	0.019
120-12-7	Anthracene	0.38	U	0.38	0.012

MT 8/10/22

8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-15 (73-75) Lab Sample ID: 460-261735-3

Matrix: Solid Lab File ID: Z71333.d

Analysis Method: 8270E Date Collected: 07/11/2022 14:17

Extract. Method: 3546 Date Extracted: 07/13/2022 22:04

Sample wt/vol: 15.06(g) Date Analyzed: 07/14/2022 13:53

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 14.3 % Solids: 85.7 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 855300 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.15	U	0.15	0.023
100-52-7	Benzaldehyde	0.38	U	0.38	0.064
56-55-3	Benzo[a]anthracene	0.038	U	0.038	0.013
50-32-8	Benzo[a]pyrene	0.038	U	0.038	0.010
205-99-2	Benzo[b]fluoranthene	0.038	U	0.038	0.0099
191-24-2	Benzo[g,h,i]perylene	0.38	U	0.38	0.011
207-08-9	Benzo[k]fluoranthene	0.038	U	0.038	0.0075
111-91-1	Bis(2-chloroethoxy)methane	0.38	U	0.38	0.030
111-44-4	Bis(2-chloroethyl)ether	0.038	U	0.038	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.020
85-68-7	Butyl benzyl phthalate	0.38	U	0.38	0.018
105-60-2	Caprolactam	0.38	U	0.38	0.060
86-74-8	Carbazole	0.38	U	0.38	0.015
218-01-9	Chrysene	0.38	U	0.38	0.0065
53-70-3	Dibenz(a,h)anthracene	0.038	U	0.038	0.017
132-64-9	Dibenzofuran	0.38	U	0.38	0.013
84-66-2	Diethyl phthalate	0.38	U	0.38	0.012
131-11-3	Dimethyl phthalate	0.38	U	0.38	0.087
84-74-2	Di-n-butyl phthalate	0.38	U	0.38	0.014
117-84-0	Di-n-octyl phthalate	0.38	U	0.38	0.020
206-44-0	Fluoranthene	0.38	U	0.38	0.013
86-73-7	Fluorene	0.38	U	0.38	0.011
118-74-1	Hexachlorobenzene	0.038	U	0.038	0.018
87-68-3	Hexachlorobutadiene	0.078	U	0.078	0.0082
77-47-4	Hexachlorocyclopentadiene	0.38	U	0.38	0.034
67-72-1	Hexachloroethane	0.038	U	0.038	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.038	U	0.038	0.015
78-59-1	Isophorone	0.15	U	0.15	0.11
91-20-3	Naphthalene	0.38	U	0.38	0.0066
98-95-3	Nitrobenzene	0.038	U	0.038	0.021
621-64-7	N-Nitrosodi-n-propylamine	0.038	U	0.038	0.028
86-30-6	N-Nitrosodiphenylamine	0.38	U	0.38	0.032

MM 8/10/22

8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-15 (73-75) | Lab Sample ID: 460-261735-3

Matrix: Solid | Lab File ID: Z71333.d

Analysis Method: 8270E | Date Collected: 07/11/2022 14:17

Extract. Method: 3546 | Date Extracted: 07/13/2022 22:04

Sample wt/vol: 15.06(g) | Date Analyzed: 07/14/2022 13:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 14.3 % Solids: 85.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 855300 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.31	U	0.31	0.079
85-01-8	Phenanthrene	0.38	U	0.38	0.0068
108-95-2	Phenol	0.38	U	0.38	0.014
129-00-0	Pyrene	0.38	U	0.38	0.0096

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	95		10-123
321-60-8	2-Fluorobiphenyl	100		22-122
367-12-4	2-Fluorophenol (Surr)	93		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	102		16-125
4165-62-2	Phenol-d5 (Surr)	101		23-120
1718-51-0	Terphenyl-d14 (Surr)	109		25-126

WT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-EB-07 | Lab Sample ID: 460-261735-4

Matrix: Water | Lab File ID: A189313.D

Analysis Method: 8270E | Date Collected: 07/11/2022 13:30

Extract. Method: 3510C | Date Extracted: 07/14/2022 09:38

Sample wt/vol: 250(mL) | Date Analyzed: 07/14/2022 23:46

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 855456 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	1.2
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
123-91-1	1,4-Dioxane	10	U	10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
51-28-5	2,4-Dinitrophenol	20	U	20	2.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
91-58-7	2-Chloronaphthalene	10	U	10	1.2
95-57-8	2-Chlorophenol	10	U	10	0.38
91-57-6	2-Methylnaphthalene	10	U	10	0.53
95-48-7	2-Methylphenol	10	U	10	0.67
88-74-4	2-Nitroaniline	10	U	10	0.47
88-75-5	2-Nitrophenol	10	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
99-09-2	3-Nitroaniline	10	U	10	1.9
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
106-47-8	4-Chloroaniline	10	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
106-44-5	4-Methylphenol	10	U	10	0.65
100-01-6	4-Nitroaniline	10	U	10	1.2
100-02-7	4-Nitrophenol	20	U	20	4.0
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
98-86-2	Acetophenone	10	U	10	2.3
120-12-7	Anthracene	10	U	10	1.3

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-EB-07 | Lab Sample ID: 460-261735-4

Matrix: Water | Lab File ID: A189313.D

Analysis Method: 8270E | Date Collected: 07/11/2022 13:30

Extract. Method: 3510C | Date Extracted: 07/14/2022 09:38

Sample wt/vol: 250(mL) | Date Analyzed: 07/14/2022 23:46

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 855456 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	2.0	U	2.0	1.3
100-52-7	Benzaldehyde	10	U	10	2.1
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
105-60-2	Caprolactam	10	U	10	2.2
86-74-8	Carbazole	10	U	10	0.68
218-01-9	Chrysene	2.0	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
132-64-9	Dibenzofuran	10	U	10	1.1
84-66-2	Diethyl phthalate	10	U	10	0.98
131-11-3	Dimethyl phthalate	10	U	10	0.77
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-EB-07 Lab Sample ID: 460-261735-4

Matrix: Water Lab File ID: A189313.D

Analysis Method: 8270E Date Collected: 07/11/2022 13:30

Extract. Method: 3510C Date Extracted: 07/14/2022 09:38

Sample wt/vol: 250(mL) Date Analyzed: 07/14/2022 23:46

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 855456 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	20	U	20	1.4
85-01-8	Phenanthrene	10	U	10	1.3
108-95-2	Phenol	10	U	10	0.29
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	128		37-150
321-60-8	2-Fluorobiphenyl	108		46-139
367-12-4	2-Fluorophenol (Surr)	48		19-80
4165-60-0	Nitrobenzene-d5 (Surr)	108		52-137
4165-62-2	Phenol-d5 (Surr)	32		10-56
1718-51-0	Terphenyl-d14 (Surr)	104		22-150

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-14 (73-75) Lab Sample ID: 460-261873-1

Matrix: Solid Lab File ID: f464122.D

Analysis Method: 8270E Date Collected: 07/13/2022 10:45

Extract. Method: 3546 Date Extracted: 07/14/2022 21:22

Sample wt/vol: 15.03(g) Date Analyzed: 07/15/2022 17:05

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.3 % Solids: 90.7 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 855538 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.36	U	0.36	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011
123-91-1	1,4-Dioxane	0.036	U	0.036	0.032
108-60-1	2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.0066
58-90-2	2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025
95-95-4	2,4,5-Trichlorophenol	0.36	U	0.36	0.037
88-06-2	2,4,6-Trichlorophenol	0.15	U	0.15	0.047
120-83-2	2,4-Dichlorophenol	0.15	U	0.15	0.023
105-67-9	2,4-Dimethylphenol	0.36	U	0.36	0.043
51-28-5	2,4-Dinitrophenol	0.29	U	0.29	0.18
121-14-2	2,4-Dinitrotoluene	0.074	U	0.074	0.039
606-20-2	2,6-Dinitrotoluene	0.074	U	0.074	0.026
91-58-7	2-Chloronaphthalene	0.36	U	0.36	0.017
95-57-8	2-Chlorophenol	0.36	U	0.36	0.013
91-57-6	2-Methylnaphthalene	0.36	U	0.36	0.010
95-48-7	2-Methylphenol	0.36	U	0.36	0.014
88-74-4	2-Nitroaniline	0.36	U	0.36	0.028
88-75-5	2-Nitrophenol	0.36	U	0.36	0.036
91-94-1	3,3'-Dichlorobenzidine	0.15	U	0.15	0.055
99-09-2	3-Nitroaniline	0.36	U	0.36	0.086
534-52-1	4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15
101-55-3	4-Bromophenyl phenyl ether	0.36	U	0.36	0.014
59-50-7	4-Chloro-3-methylphenol	0.36	U	0.36	0.020
106-47-8	4-Chloroaniline	0.36	U	0.36	0.065
7005-72-3	4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013
106-44-5	4-Methylphenol	0.36	U	0.36	0.023
100-01-6	4-Nitroaniline	0.36	U	0.36	0.042
100-02-7	4-Nitrophenol	0.74	U	0.74	0.059
83-32-9	Acenaphthene	0.36	U	0.36	0.010
208-96-8	Acenaphthylene	0.36	U	0.36	0.010
98-86-2	Acetophenone	0.36	U	0.36	0.018
120-12-7	Anthracene	0.36	U	0.36	0.011

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-14 (73-75) Lab Sample ID: 460-261873-1

Matrix: Solid Lab File ID: f464122.D

Analysis Method: 8270E Date Collected: 07/13/2022 10:45

Extract. Method: 3546 Date Extracted: 07/14/2022 21:22

Sample wt/vol: 15.03(g) Date Analyzed: 07/15/2022 17:05

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.3 % Solids: 90.7 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 855538 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.15	U	0.15	0.021
100-52-7	Benzaldehyde	0.36	U	0.36	0.060
56-55-3	Benzo[a]anthracene	0.036	U	0.036	0.013
50-32-8	Benzo[a]pyrene	0.036	U	0.036	0.0097
205-99-2	Benzo[b]fluoranthene	0.036	U	0.036	0.0094
191-24-2	Benzo[g,h,i]perylene	0.36	U	0.36	0.011
207-08-9	Benzo[k]fluoranthene	0.036	U	0.036	0.0071
111-91-1	Bis(2-chloroethoxy)methane	0.36	U	0.36	0.028
111-44-4	Bis(2-chloroethyl)ether	0.036	U	0.036	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019
85-68-7	Butyl benzyl phthalate	0.36	U	0.36	0.017
105-60-2	Caprolactam	0.36	U	0.36	0.057
86-74-8	Carbazole	0.36	U	0.36	0.014
218-01-9	Chrysene	0.36	U	0.36	0.0062
53-70-3	Dibenz(a,h)anthracene	0.036	U	0.036	0.016
132-64-9	Dibenzofuran	0.36	U	0.36	0.012
84-66-2	Diethyl phthalate	0.36	U	0.36	0.012
131-11-3	Dimethyl phthalate	0.36	U	0.36	0.083
84-74-2	Di-n-butyl phthalate	0.36	U	0.36	0.014
117-84-0	Di-n-octyl phthalate	0.36	U	0.36	0.019
206-44-0	Fluoranthene	0.36	U	0.36	0.013
86-73-7	Fluorene	0.36	U	0.36	0.011
118-74-1	Hexachlorobenzene	0.036	U	0.036	0.017
87-68-3	Hexachlorobutadiene	0.074	U	0.074	0.0077
77-47-4	Hexachlorocyclopentadiene	0.36	U	0.36	0.032
67-72-1	Hexachloroethane	0.036	U	0.036	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014
78-59-1	Isophorone	0.15	U	0.15	0.11
91-20-3	Naphthalene	0.36	U	0.36	0.0063
98-95-3	Nitrobenzene	0.036	U	0.036	0.020
621-64-7	N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026
86-30-6	N-Nitrosodiphenylamine	0.36	U	0.36	0.030

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1
SDG No.:
Client Sample ID: TRC-SB-14 (73-75) Lab Sample ID: 460-261873-1
Matrix: Solid Lab File ID: f464122.D
Analysis Method: 8270E Date Collected: 07/13/2022 10:45
Extract. Method: 3546 Date Extracted: 07/14/2022 21:22
Sample wt/vol: 15.03(g) Date Analyzed: 07/15/2022 17:05
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: 9.3 % Solids: 90.7 GPC Cleanup:(Y/N) N
Cleanup Factor: Level: (low/med) Low
Analysis Batch No.: 855538 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.29	U	0.29	0.075
85-01-8	Phenanthrene	0.36	U	0.36	0.0064
108-95-2	Phenol	0.36	U	0.36	0.013
129-00-0	Pyrene	0.36	U	0.36	0.0091

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	73		10-123
321-60-8	2-Fluorobiphenyl	99		22-122
367-12-4	2-Fluorophenol (Surr)	92		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	105		16-125
4165-62-2	Phenol-d5 (Surr)	98		23-120
1718-51-0	Terphenyl-d14 (Surr)	105		25-126

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-EB-08 | Lab Sample ID: 460-261873-2

Matrix: Water | Lab File ID: A189347.D

Analysis Method: 8270E | Date Collected: 07/13/2022 08:20

Extract. Method: 3510C | Date Extracted: 07/15/2022 09:36

Sample wt/vol: 250(mL) | Date Analyzed: 07/16/2022 03:12

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 855687 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	1.2
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
123-91-1	1,4-Dioxane	10	U	10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
51-28-5	2,4-Dinitrophenol	20	U	20	2.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
91-58-7	2-Chloronaphthalene	10	U	10	1.2
95-57-8	2-Chlorophenol	10	U	10	0.38
91-57-6	2-Methylnaphthalene	10	U	10	0.53
95-48-7	2-Methylphenol	10	U	10	0.67
88-74-4	2-Nitroaniline	10	U	10	0.47
88-75-5	2-Nitrophenol	10	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
99-09-2	3-Nitroaniline	10	U	10	1.9
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
106-47-8	4-Chloroaniline	10	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
106-44-5	4-Methylphenol	10	U	10	0.65
100-01-6	4-Nitroaniline	10	U	10	1.2
100-02-7	4-Nitrophenol	20	U	20	4.0
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
98-86-2	Acetophenone	10	U	10	2.3
120-12-7	Anthracene	10	U	10	1.3

MM 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-EB-08 Lab Sample ID: 460-261873-2

Matrix: Water Lab File ID: A189347.D

Analysis Method: 8270E Date Collected: 07/13/2022 08:20

Extract. Method: 3510C Date Extracted: 07/15/2022 09:36

Sample wt/vol: 250(mL) Date Analyzed: 07/16/2022 03:12

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 855687 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	2.0	U	2.0	1.3
100-52-7	Benzaldehyde	10	U	10	2.1
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
105-60-2	Caprolactam	10	U	10	2.2
86-74-8	Carbazole	10	U	10	0.68
218-01-9	Chrysene	2.0	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
132-64-9	Dibenzofuran	10	U	10	1.1
84-66-2	Diethyl phthalate	10	U	10	0.98
131-11-3	Dimethyl phthalate	10	U	10	0.77
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89

11

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1
SDG No.:
Client Sample ID: TRC-EB-08 Lab Sample ID: 460-261873-2
Matrix: Water Lab File ID: A189347.D
Analysis Method: 8270E Date Collected: 07/13/2022 08:20
Extract. Method: 3510C Date Extracted: 07/15/2022 09:36
Sample wt/vol: 250(mL) Date Analyzed: 07/16/2022 03:12
Con. Extract Vol.: 2(mL) Dilution Factor: 1
Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: % Solids: GPC Cleanup:(Y/N) N
Cleanup Factor: Level: (low/med) Low
Analysis Batch No.: 855687 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	20	U	20	1.4
85-01-8	Phenanthrene	10	U	10	1.3
108-95-2	Phenol	10	U	10	0.29
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	74		37-150
321-60-8	2-Fluorobiphenyl	80		46-139
367-12-4	2-Fluorophenol (Surr)	29		19-80
4165-60-0	Nitrobenzene-d5 (Surr)	79		52-137
4165-62-2	Phenol-d5 (Surr)	24		10-56
1718-51-0	Terphenyl-d14 (Surr)	88		22-150

MM 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-EB-05 | Lab Sample ID: 460-261506-3

Matrix: Water | Lab File ID: 272482.D

Analysis Method: 8270E SIM ID | Date Collected: 07/07/2022 13:00

Extract. Method: 3510C | Date Extracted: 07/10/2022 10:01

Sample wt/vol: 250(mL) | Date Analyzed: 07/10/2022 15:45

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 854520 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.20	U	0.20	0.072

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	26		10-150

MT 8/12/22

5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-EB-06 Lab Sample ID: 460-261582-2

Matrix: Water Lab File ID: 272483.D

Analysis Method: 8270E SIM ID Date Collected: 07/08/2022 12:00

Extract. Method: 3510C Date Extracted: 07/10/2022 10:01

Sample wt/vol: 250(mL) Date Analyzed: 07/10/2022 16:01

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 854520 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.20	U	0.20	0.072

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	26		10-150

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-EB-07 Lab Sample ID: 460-261735-4

Matrix: Water Lab File ID: 272516.D

Analysis Method: 8270E SIM ID Date Collected: 07/11/2022 13:30

Extract. Method: 3510C Date Extracted: 07/14/2022 10:22

Sample wt/vol: 250(mL) Date Analyzed: 07/14/2022 22:00

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 855461 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.20	U	0.20	0.072

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	18		10-150

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

11

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-EB-08 | Lab Sample ID: 460-261873-2

Matrix: Water | Lab File ID: 272578.D

Analysis Method: 8270E SIM ID | Date Collected: 07/13/2022 08:20

Extract. Method: 3510C | Date Extracted: 07/15/2022 10:01

Sample wt/vol: 250(mL) | Date Analyzed: 07/17/2022 16:27

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 855910 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.20	U	0.20	0.072

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	33		10-150

MM 8/10/22

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-21 (1-4) | Lab Sample ID: 460-261506-1

Matrix: Solid | Lab File ID: 4F0006144.D

Analysis Method: 8081B | Date Collected: 07/07/2022 11:00

Extraction Method: 3546 | Date Extracted: 07/09/2022 08:43

Sample wt/vol: 15.02(g) | Date Analyzed: 07/11/2022 23:35

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 18.8 % Solids: 81.2 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 854632 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0082	U	0.0082	0.0014
72-55-9	4,4'-DDE	0.0082	U	0.0082	0.00097
50-29-3	4,4'-DDT	0.0082	U	0.0082	0.0015
309-00-2	Aldrin	0.0082	U	0.0082	0.0012
319-84-6	alpha-BHC	0.0025	U	0.0025	0.00084
319-85-7	beta-BHC	0.0025	U	0.0025	0.00092
12789-03-6	Chlordane (technical)	0.082	U	0.082	0.020
319-86-8	delta-BHC	0.0025	U	0.0025	0.00050
60-57-1	Dieldrin	0.0025	U	0.0025	0.0011
959-98-8	Endosulfan I	0.0082	U	0.0082	0.0013
33213-65-9	Endosulfan II	0.0082	U	0.0082	0.0021
1031-07-8	Endosulfan sulfate	0.0082	U	0.0082	0.0010
72-20-8	Endrin	0.0082	U	0.0082	0.0012
7421-93-4	Endrin aldehyde	0.0082	U	0.0082	0.0019
53494-70-5	Endrin ketone	0.0082	U	0.0082	0.0016
58-89-9	gamma-BHC (Lindane)	0.0025	U	0.0025	0.00076
76-44-8	Heptachlor	0.0082	U	0.0082	0.00097
1024-57-3	Heptachlor epoxide	0.0082	U	0.0082	0.0012
72-43-5	Methoxychlor	0.0082	U	0.0082	0.0019
8001-35-2	Toxaphene	0.082	U	0.082	0.030

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	70		43-150
877-09-8	Tetrachloro-m-xylene	65		26-137

MT 8/10/22

2

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-21 (12-15) Lab Sample ID: 460-261506-2

Matrix: Solid Lab File ID: 4F0006145.D

Analysis Method: 8081B Date Collected: 07/07/2022 11:45

Extraction Method: 3546 Date Extracted: 07/09/2022 08:43

Sample wt/vol: 15.00(g) Date Analyzed: 07/11/2022 23:51

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 9.9 % Solids: 90.1 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 854632 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0074	U	0.0074	0.0013
72-55-9	4,4'-DDE	0.0074	U	0.0074	0.00088
50-29-3	4,4'-DDT	0.0074	U	0.0074	0.0014
309-00-2	Aldrin	0.0074	U	0.0074	0.0011
319-84-6	alpha-BHC	0.0022	U	0.0022	0.00075
319-85-7	beta-BHC	0.0022	U	0.0022	0.00083
12789-03-6	Chlordane (technical)	0.074	U	0.074	0.018
319-86-8	delta-BHC	0.0022	U	0.0022	0.00045
60-57-1	Dieldrin	0.0022	U	0.0022	0.00097
959-98-8	Endosulfan I	0.0074	U	0.0074	0.0011
33213-65-9	Endosulfan II	0.0074	U	0.0074	0.0019
1031-07-8	Endosulfan sulfate	0.0074	U	0.0074	0.00093
72-20-8	Endrin	0.0074	U	0.0074	0.0011
7421-93-4	Endrin aldehyde	0.0074	U	0.0074	0.0018
53494-70-5	Endrin ketone	0.0074	U	0.0074	0.0014
58-89-9	gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069
76-44-8	Heptachlor	0.0074	U	0.0074	0.00088
1024-57-3	Heptachlor epoxide	0.0074	U	0.0074	0.0011
72-43-5	Methoxychlor	0.0074	U	0.0074	0.0017
8001-35-2	Toxaphene	0.074	U	0.074	0.027

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	69		43-150
877-09-8	Tetrachloro-m-xylene	56		26-137

MT 8/10/22

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-EB-05 Lab Sample ID: 460-261506-3

Matrix: Water Lab File ID: 4F0006124.D

Analysis Method: 8081B Date Collected: 07/07/2022 13:00

Extraction Method: 3510C Date Extracted: 07/10/2022 10:01

Sample wt/vol: 250(mL) Date Analyzed: 07/11/2022 18:17

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 854632 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.020	U	0.020	0.0060
72-55-9	4,4'-DDE	0.020	U	0.020	0.0020
50-29-3	4,4'-DDT	0.020	U	0.020	0.0040
309-00-2	Aldrin	0.020	U	0.020	0.0030
319-84-6	alpha-BHC	0.020	U	0.020	0.0070
319-85-7	beta-BHC	0.020	U	0.020	0.015
12789-03-6	Chlordane (technical)	0.50	U	0.50	0.055
319-86-8	delta-BHC	0.020	U	0.020	0.0050
60-57-1	Dieldrin	0.020	U	0.020	0.0030
959-98-8	Endosulfan I	0.020	U	0.020	0.0020
33213-65-9	Endosulfan II	0.020	U	0.020	0.0040
1031-07-8	Endosulfan sulfate	0.020	U	0.020	0.0060
72-20-8	Endrin	0.020	U	0.020	0.0040
7421-93-4	Endrin aldehyde	0.020	U	0.020	0.0080
53494-70-5	Endrin ketone	0.020	U	0.020	0.0080
58-89-9	gamma-BHC (Lindane)	0.020	U	0.020	0.012
76-44-8	Heptachlor	0.020	U	0.020	0.0030
1024-57-3	Heptachlor epoxide	0.020	U	0.020	0.0050
72-43-5	Methoxychlor	0.020	U	0.020	0.0040
8001-35-2	Toxaphene	0.50	U	0.50	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	74		15-121
877-09-8	Tetrachloro-m-xylene	62		17-120

MT 8/10/22

4

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-21 (71-73) Lab Sample ID: 460-261582-1

Matrix: Solid Lab File ID: 4F0006083.D

Analysis Method: 8081B Date Collected: 07/07/2022 16:45

Extraction Method: 3546 Date Extracted: 07/09/2022 08:43

Sample wt/vol: 15.03(g) Date Analyzed: 07/11/2022 07:35

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 9.8 % Solids: 90.2 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 854562 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0074	U	0.0074	0.0013
72-55-9	4,4'-DDE	0.0074	U	0.0074	0.00087
50-29-3	4,4'-DDT	0.0074	U	0.0074	0.0014
309-00-2	Aldrin	0.0074	U	0.0074	0.0011
319-84-6	alpha-BHC	0.0022	U	0.0022	0.00075
319-85-7	beta-BHC	0.0022	U	0.0022	0.00083
12789-03-6	Chlordane (technical)	0.074	U	0.074	0.018
319-86-8	delta-BHC	0.0022	U	0.0022	0.00045
60-57-1	Dieldrin	0.0022	U	0.0022	0.00096
959-98-8	Endosulfan I	0.0074	U	0.0074	0.0011
33213-65-9	Endosulfan II	0.0074	U	0.0074	0.0019
1031-07-8	Endosulfan sulfate	0.0074	U	0.0074	0.00093
72-20-8	Endrin	0.0074	U	0.0074	0.0011
7421-93-4	Endrin aldehyde	0.0074	U	0.0074	0.0017
53494-70-5	Endrin ketone	0.0074	U	0.0074	0.0014
58-89-9	gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069
76-44-8	Heptachlor	0.0074	U	0.0074	0.00087
1024-57-3	Heptachlor epoxide	0.0074	U	0.0074	0.0011
72-43-5	Methoxychlor	0.0074	U	0.0074	0.0017
8001-35-2	Toxaphene	0.074	U	0.074	0.027

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	67		43-150
877-09-8	Tetrachloro-m-xylene	58		26-137

MM 8/10/22

5

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-EB-06 Lab Sample ID: 460-261582-2

Matrix: Water Lab File ID: 4F0006279.D

Analysis Method: 8081B Date Collected: 07/08/2022 12:00

Extraction Method: 3510C Date Extracted: 07/13/2022 10:29

Sample wt/vol: 250(mL) Date Analyzed: 07/14/2022 05:36

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 855252 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.020	U	0.020	0.0060
72-55-9	4,4'-DDE	0.020	U	0.020	0.0020
50-29-3	4,4'-DDT	0.020	U	0.020	0.0040
309-00-2	Aldrin	0.020	U	0.020	0.0030
319-84-6	alpha-BHC	0.020	U	0.020	0.0070
319-85-7	beta-BHC	0.020	U	0.020	0.015
12789-03-6	Chlordane (technical)	0.50	U	0.50	0.055
319-86-8	delta-BHC	0.020	U	0.020	0.0050
60-57-1	Dieldrin	0.020	U	0.020	0.0030
959-98-8	Endosulfan I	0.020	U	0.020	0.0020
33213-65-9	Endosulfan II	0.020	U	0.020	0.0040
1031-07-8	Endosulfan sulfate	0.020	U	0.020	0.0060
72-20-8	Endrin	0.020	U	0.020	0.0040
7421-93-4	Endrin aldehyde	0.020	U	0.020	0.0080
53494-70-5	Endrin ketone	0.020	U	0.020	0.0080
58-89-9	gamma-BHC (Lindane)	0.020	U	0.020	0.012
76-44-8	Heptachlor	0.020	U	0.020	0.0030
1024-57-3	Heptachlor epoxide	0.020	U	0.020	0.0050
72-43-5	Methoxychlor	0.020	U	0.020	0.0040
8001-35-2	Toxaphene	0.50	U	0.50	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		15-121
877-09-8	Tetrachloro-m-xylene	75		17-120

MM 8/10/22

6

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-15 (1-4) | Lab Sample ID: 460-261735-1

Matrix: Solid | Lab File ID: 12F0039774.D

Analysis Method: 8081B | Date Collected: 07/11/2022 09:19

Extraction Method: 3546 | Date Extracted: 07/13/2022 17:58

Sample wt/vol: 15.03(g) | Date Analyzed: 07/14/2022 11:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 12.8 % Solids: 87.2 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 855249 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0077	U	0.0077	0.0013
72-55-9	4,4'-DDE	0.0077	U	0.0077	0.00090
50-29-3	4,4'-DDT	0.0077	U	0.0077	0.0014
309-00-2	Aldrin	0.0077	U	0.0077	0.0012
319-84-6	alpha-BHC	0.0023	U	0.0023	0.00078
319-85-7	beta-BHC	0.0023	U	0.0023	0.00086
12789-03-6	Chlordane (technical)	0.077	U	0.077	0.019
319-86-8	delta-BHC	0.0023	U	0.0023	0.00047
60-57-1	Dieldrin	0.0023	U	0.0023	0.0010
959-98-8	Endosulfan I	0.0077	U	0.0077	0.0012
33213-65-9	Endosulfan II	0.0077	U	0.0077	0.0020
1031-07-8	Endosulfan sulfate	0.0077	U	0.0077	0.00096
72-20-8	Endrin	0.0077	U	0.0077	0.0011
7421-93-4	Endrin aldehyde	0.0077	U	0.0077	0.0018
53494-70-5	Endrin ketone	0.0077	U	0.0077	0.0015
58-89-9	gamma-BHC (Lindane)	0.0023	U	0.0023	0.00071
76-44-8	Heptachlor	0.0077	U	0.0077	0.00090
1024-57-3	Heptachlor epoxide	0.0077	U	0.0077	0.0011
72-43-5	Methoxychlor	0.0077	U	0.0077	0.0018
8001-35-2	Toxaphene	0.077	U	0.077	0.028

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	68		43-150
877-09-8	Tetrachloro-m-xylene	71		26-137

MM 8/10/22

7

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-15 (12-15) Lab Sample ID: 460-261735-2

Matrix: Solid Lab File ID: 12F0039775.D

Analysis Method: 8081B Date Collected: 07/11/2022 10:09

Extraction Method: 3546 Date Extracted: 07/13/2022 17:58

Sample wt/vol: 15.03(g) Date Analyzed: 07/14/2022 11:28

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 9.1 % Solids: 90.9 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 855249 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0074	U	0.0074	0.0013
72-55-9	4,4'-DDE	0.0074	U	0.0074	0.00087
50-29-3	4,4'-DDT	0.0074	U	0.0074	0.0014
309-00-2	Aldrin	0.0074	U	0.0074	0.0011
319-84-6	alpha-BHC	0.0022	U	0.0022	0.00075
319-85-7	beta-BHC	0.0022	U	0.0022	0.00082
12789-03-6	Chlordane (technical)	0.074	U	0.074	0.018
319-86-8	delta-BHC	0.0022	U	0.0022	0.00045
60-57-1	Dieldrin	0.0022	U	0.0022	0.00096
959-98-8	Endosulfan I	0.0074	U	0.0074	0.0011
33213-65-9	Endosulfan II	0.0074	U	0.0074	0.0019
1031-07-8	Endosulfan sulfate	0.0074	U	0.0074	0.00092
72-20-8	Endrin	0.0074	U	0.0074	0.0011
7421-93-4	Endrin aldehyde	0.0074	U	0.0074	0.0017
53494-70-5	Endrin ketone	0.0074	U	0.0074	0.0014
58-89-9	gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068
76-44-8	Heptachlor	0.0074	U	0.0074	0.00087
1024-57-3	Heptachlor epoxide	0.0074	U	0.0074	0.0011
72-43-5	Methoxychlor	0.0074	U	0.0074	0.0017
8001-35-2	Toxaphene	0.074	U	0.074	0.027

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		43-150
877-09-8	Tetrachloro-m-xylene	89		26-137

MM 8/10/22

8

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-15 (73-75) | Lab Sample ID: 460-261735-3

Matrix: Solid | Lab File ID: 12F0039776.D

Analysis Method: 8081B | Date Collected: 07/11/2022 14:17

Extraction Method: 3546 | Date Extracted: 07/13/2022 17:58

Sample wt/vol: 15.04(g) | Date Analyzed: 07/14/2022 11:40

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 14.3 % Solids: 85.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 855249 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0078	U	0.0078	0.0013
72-55-9	4,4'-DDE	0.0078	U	0.0078	0.00092
50-29-3	4,4'-DDT	0.0078	U	0.0078	0.0014
309-00-2	Aldrin	0.0078	U	0.0078	0.0012
319-84-6	alpha-BHC	0.0023	U	0.0023	0.00079
319-85-7	beta-BHC	0.0023	U	0.0023	0.00087
12789-03-6	Chlordane (technical)	0.078	U	0.078	0.019
319-86-8	delta-BHC	0.0023	U	0.0023	0.00048
60-57-1	Dieldrin	0.0023	U	0.0023	0.0010
959-98-8	Endosulfan I	0.0078	U	0.0078	0.0012
33213-65-9	Endosulfan II	0.0078	U	0.0078	0.0020
1031-07-8	Endosulfan sulfate	0.0078	U	0.0078	0.00098
72-20-8	Endrin	0.0078	U	0.0078	0.0011
7421-93-4	Endrin aldehyde	0.0078	U	0.0078	0.0018
53494-70-5	Endrin ketone	0.0078	U	0.0078	0.0015
58-89-9	gamma-BHC (Lindane)	0.0023	U	0.0023	0.00072
76-44-8	Heptachlor	0.0078	U	0.0078	0.00092
1024-57-3	Heptachlor epoxide	0.0078	U	0.0078	0.0012
72-43-5	Methoxychlor	0.0078	U	0.0078	0.0018
8001-35-2	Toxaphene	0.078	U	0.078	0.028

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	78		43-150
877-09-8	Tetrachloro-m-xylene	81		26-137

MM 8/10/22

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-EB-07 | Lab Sample ID: 460-261735-4

Matrix: Water | Lab File ID: 4F0006280.D

Analysis Method: 8081B | Date Collected: 07/11/2022 13:30

Extraction Method: 3510C | Date Extracted: 07/13/2022 10:29

Sample wt/vol: 250(mL) | Date Analyzed: 07/14/2022 05:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 855252 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.020	U	0.020	0.0060
72-55-9	4,4'-DDE	0.020	U	0.020	0.0020
50-29-3	4,4'-DDT	0.020	U	0.020	0.0040
309-00-2	Aldrin	0.020	U	0.020	0.0030
319-84-6	alpha-BHC	0.020	U	0.020	0.0070
319-85-7	beta-BHC	0.020	U	0.020	0.015
12789-03-6	Chlordane (technical)	0.50	U	0.50	0.055
319-86-8	delta-BHC	0.020	U	0.020	0.0050
60-57-1	Dieldrin	0.020	U	0.020	0.0030
959-98-8	Endosulfan I	0.020	U	0.020	0.0020
33213-65-9	Endosulfan II	0.020	U	0.020	0.0040
1031-07-8	Endosulfan sulfate	0.020	U	0.020	0.0060
72-20-8	Endrin	0.020	U	0.020	0.0040
7421-93-4	Endrin aldehyde	0.020	U	0.020	0.0080
53494-70-5	Endrin ketone	0.020	U	0.020	0.0080
58-89-9	gamma-BHC (Lindane)	0.020	U	0.020	0.012
76-44-8	Heptachlor	0.020	U	0.020	0.0030
1024-57-3	Heptachlor epoxide	0.020	U	0.020	0.0050
72-43-5	Methoxychlor	0.020	U	0.020	0.0040
8001-35-2	Toxaphene	0.50	U	0.50	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		15-121
877-09-8	Tetrachloro-m-xylene	78		17-120

MM 8/10/22

10

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-14 (73-75) | Lab Sample ID: 460-261873-1

Matrix: Solid | Lab File ID: 12F0039819.D

Analysis Method: 8081B | Date Collected: 07/13/2022 10:45

Extraction Method: 3546 | Date Extracted: 07/14/2022 17:05

Sample wt/vol: 15.04(g) | Date Analyzed: 07/15/2022 09:22

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 9.3 % Solids: 90.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 855492 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0074	U	0.0074	0.0013
72-55-9	4,4'-DDE	0.0074	U	0.0074	0.00087
50-29-3	4,4'-DDT	0.0074	U	0.0074	0.0014
309-00-2	Aldrin	0.0074	U	0.0074	0.0011
319-84-6	alpha-BHC	0.0022	U	0.0022	0.00075
319-85-7	beta-BHC	0.0022	U	0.0022	0.00082
12789-03-6	Chlordane (technical)	0.074	U	0.074	0.018
319-86-8	delta-BHC	0.0022	U	0.0022	0.00045
60-57-1	Dieldrin	0.0022	U	0.0022	0.00096
959-98-8	Endosulfan I	0.0074	U	0.0074	0.0011
33213-65-9	Endosulfan II	0.0074	U	0.0074	0.0019
1031-07-8	Endosulfan sulfate	0.0074	U	0.0074	0.00092
72-20-8	Endrin	0.0074	U	0.0074	0.0011
7421-93-4	Endrin aldehyde	0.0074	U	0.0074	0.0017
53494-70-5	Endrin ketone	0.0074	U	0.0074	0.0014
58-89-9	gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068
76-44-8	Heptachlor	0.0074	U	0.0074	0.00087
1024-57-3	Heptachlor epoxide	0.0074	U	0.0074	0.0011
72-43-5	Methoxychlor	0.0074	U	0.0074	0.0017
8001-35-2	Toxaphene	0.074	U	0.074	0.027

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		43-150
877-09-8	Tetrachloro-m-xylene	86		26-137

MM 8/10/22

11

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-EB-08 | Lab Sample ID: 460-261873-2

Matrix: Water | Lab File ID: 12F0039896.D

Analysis Method: 8081B | Date Collected: 07/13/2022 08:20

Extraction Method: 3510C | Date Extracted: 07/16/2022 10:33

Sample wt/vol: 250(mL) | Date Analyzed: 07/18/2022 18:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 856002 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.020	U	0.020	0.0060
72-55-9	4,4'-DDE	0.020	U	0.020	0.0020
50-29-3	4,4'-DDT	0.020	U	0.020	0.0040
309-00-2	Aldrin	0.020	U	0.020	0.0030
319-84-6	alpha-BHC	0.020	U	0.020	0.0070
319-85-7	beta-BHC	0.020	U	0.020	0.015
12789-03-6	Chlordane (technical)	0.50	U	0.50	0.055
319-86-8	delta-BHC	0.020	U	0.020	0.0050
60-57-1	Dieldrin	0.020	U	0.020	0.0030
959-98-8	Endosulfan I	0.020	U	0.020	0.0020
33213-65-9	Endosulfan II	0.020	U	0.020	0.0040
1031-07-8	Endosulfan sulfate	0.020	U	0.020	0.0060
72-20-8	Endrin	0.020	U	0.020	0.0040
7421-93-4	Endrin aldehyde	0.020	U	0.020	0.0080
53494-70-5	Endrin ketone	0.020	U	0.020	0.0080
58-89-9	gamma-BHC (Lindane)	0.020	U	0.020	0.012
76-44-8	Heptachlor	0.020	U	0.020	0.0030
1024-57-3	Heptachlor epoxide	0.020	U	0.020	0.0050
72-43-5	Methoxychlor	0.020	U	0.020	0.0040
8001-35-2	Toxaphene	0.50	U	0.50	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	55		15-121
877-09-8	Tetrachloro-m-xylene	56		17-120

MH 8/10/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-21 (1-4) | Lab Sample ID: 460-261506-1

Matrix: Solid | Lab File ID: 8F0000493.D

Analysis Method: 8082A | Date Collected: 07/07/2022 11:00

Extraction Method: 3546 | Date Extracted: 07/09/2022 08:55

Sample wt/vol: 15.03(g) | Date Analyzed: 07/11/2022 16:21

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 18.8 % Solids: 81.2 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 854593 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.082	U	0.082	0.022
11104-28-2	Aroclor 1221	0.082	U	0.082	0.022
11141-16-5	Aroclor 1232	0.082	U	0.082	0.022
53469-21-9	Aroclor 1242	0.082	U	0.082	0.022
12672-29-6	Aroclor 1248	0.082	U	0.082	0.022
11097-69-1	Aroclor 1254	0.082	U	0.082	0.022
11096-82-5	Aroclor 1260	0.082	U	0.082	0.022
11100-14-4	Aroclor 1268	0.082	U	0.082	0.022
37324-23-5	Aroclor-1262	0.082	U	0.082	0.022
1336-36-3	Polychlorinated biphenyls, Total	0.082	U	0.082	0.022

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	84		10-150
877-09-8	Tetrachloro-m-xylene	78		42-150

MT 8/10/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-21 (12-15) Lab Sample ID: 460-261506-2

Matrix: Solid Lab File ID: 8F0000478.D

Analysis Method: 8082A Date Collected: 07/07/2022 11:45

Extraction Method: 3546 Date Extracted: 07/09/2022 08:55

Sample wt/vol: 15.02(g) Date Analyzed: 07/11/2022 10:53

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 9.9 % Solids: 90.1 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 854593 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.074	U	0.074	0.020
11104-28-2	Aroclor 1221	0.074	U	0.074	0.020
11141-16-5	Aroclor 1232	0.074	U	0.074	0.020
53469-21-9	Aroclor 1242	0.074	U	0.074	0.020
12672-29-6	Aroclor 1248	0.074	U	0.074	0.020
11097-69-1	Aroclor 1254	0.074	U	0.074	0.020
11096-82-5	Aroclor 1260	0.074	U	0.074	0.020
11100-14-4	Aroclor 1268	0.074	U	0.074	0.020
37324-23-5	Aroclor-1262	0.074	U	0.074	0.020
1336-36-3	Polychlorinated biphenyls, Total	0.074	U	0.074	0.020

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	80		10-150
877-09-8	Tetrachloro-m-xylene	65		42-150

MM 8/10/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-EB-05 Lab Sample ID: 460-261506-3

Matrix: Water Lab File ID: 11F0012705.D

Analysis Method: 8082A Date Collected: 07/07/2022 13:00

Extraction Method: 3510C Date Extracted: 07/10/2022 10:11

Sample wt/vol: 250(mL) Date Analyzed: 07/12/2022 14:48

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 854801 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.40	U	0.40	0.12
11104-28-2	Aroclor 1221	0.40	U	0.40	0.12
11141-16-5	Aroclor 1232	0.40	U	0.40	0.12
53469-21-9	Aroclor 1242	0.40	U	0.40	0.12
12672-29-6	Aroclor 1248	0.40	U	0.40	0.12
11097-69-1	Aroclor 1254	0.40	U	0.40	0.11
11096-82-5	Aroclor 1260	0.40	U	0.40	0.11
37324-23-5	Aroclor-1262	0.40	U	0.40	0.11
11100-14-4	Aroclor 1268	0.40	U	0.40	0.11
1336-36-3	Polychlorinated biphenyls, Total	0.40	U	0.40	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88		12-150
877-09-8	Tetrachloro-m-xylene	81		11-131

MT 8/10/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-21 (71-73) Lab Sample ID: 460-261582-1

Matrix: Solid Lab File ID: 8F0000499.D

Analysis Method: 8082A Date Collected: 07/07/2022 16:45

Extraction Method: 3546 Date Extracted: 07/09/2022 08:55

Sample wt/vol: 15.01(g) Date Analyzed: 07/11/2022 18:32

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 9.8 % Solids: 90.2 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 854593 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.074	U	0.074	0.020
11104-28-2	Aroclor 1221	0.074	U	0.074	0.020
11141-16-5	Aroclor 1232	0.074	U	0.074	0.020
53469-21-9	Aroclor 1242	0.074	U	0.074	0.020
12672-29-6	Aroclor 1248	0.074	U	0.074	0.020
11097-69-1	Aroclor 1254	0.074	U	0.074	0.020
11096-82-5	Aroclor 1260	0.074	U	0.074	0.020
11100-14-4	Aroclor 1268	0.074	U	0.074	0.020
37324-23-5	Aroclor-1262	0.074	U	0.074	0.020
1336-36-3	Polychlorinated biphenyls, Total	0.074	U	0.074	0.020

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	89		10-150
877-09-8	Tetrachloro-m-xylene	72		42-150

MM 8/10/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

5

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-EB-06 | Lab Sample ID: 460-261582-2

Matrix: Water | Lab File ID: 9F0000962.D

Analysis Method: 8082A | Date Collected: 07/08/2022 12:00

Extraction Method: 3510C | Date Extracted: 07/13/2022 10:35

Sample wt/vol: 250(mL) | Date Analyzed: 07/14/2022 13:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 855306 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.40	U	0.40	0.12
11104-28-2	Aroclor 1221	0.40	U	0.40	0.12
11141-16-5	Aroclor 1232	0.40	U	0.40	0.12
53469-21-9	Aroclor 1242	0.40	U	0.40	0.12
12672-29-6	Aroclor 1248	0.40	U	0.40	0.12
11097-69-1	Aroclor 1254	0.40	U	0.40	0.11
11096-82-5	Aroclor 1260	0.40	U	0.40	0.11
37324-23-5	Aroclor-1262	0.40	U	0.40	0.11
11100-14-4	Aroclor 1268	0.40	U	0.40	0.11
1336-36-3	Polychlorinated biphenyls, Total	0.40	U	0.40	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	129		12-150
877-09-8	Tetrachloro-m-xylene	117		11-131

MT 8/10/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-15 (1-4) | Lab Sample ID: 460-261735-1

Matrix: Solid | Lab File ID: 14F0025025.D

Analysis Method: 8082A | Date Collected: 07/11/2022 09:19

Extraction Method: 3546 | Date Extracted: 07/13/2022 17:44

Sample wt/vol: 15.03(g) | Date Analyzed: 07/14/2022 16:42

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.8 % Solids: 87.2 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 855286 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.077	U	0.077	0.020
11104-28-2	Aroclor 1221	0.077	U	0.077	0.020
11141-16-5	Aroclor 1232	0.077	U	0.077	0.020
53469-21-9	Aroclor 1242	0.077	U	0.077	0.020
12672-29-6	Aroclor 1248	0.077	U	0.077	0.020
11097-69-1	Aroclor 1254	0.077	U	0.077	0.020
11096-82-5	Aroclor 1260	0.077	U	0.077	0.020
11100-14-4	Aroclor 1268	0.077	U	0.077	0.020
37324-23-5	Aroclor-1262	0.077	U	0.077	0.020
1336-36-3	Polychlorinated biphenyls, Total	0.077	U	0.077	0.020

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	111		10-150
877-09-8	Tetrachloro-m-xylene	108		42-150

MM 8/10/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

7

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-15 (12-15) Lab Sample ID: 460-261735-2

Matrix: Solid Lab File ID: 14F0025026.D

Analysis Method: 8082A Date Collected: 07/11/2022 10:09

Extraction Method: 3546 Date Extracted: 07/13/2022 17:44

Sample wt/vol: 15.03(g) Date Analyzed: 07/14/2022 16:58

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.1 % Solids: 90.9 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 855286 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.074	U	0.074	0.020
11104-28-2	Aroclor 1221	0.074	U	0.074	0.020
11141-16-5	Aroclor 1232	0.074	U	0.074	0.020
53469-21-9	Aroclor 1242	0.074	U	0.074	0.020
12672-29-6	Aroclor 1248	0.074	U	0.074	0.020
11097-69-1	Aroclor 1254	0.074	U	0.074	0.020
11096-82-5	Aroclor 1260	0.074	U	0.074	0.020
11100-14-4	Aroclor 1268	0.074	U	0.074	0.020
37324-23-5	Aroclor-1262	0.074	U	0.074	0.020
1336-36-3	Polychlorinated biphenyls, Total	0.074	U	0.074	0.020

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	129		10-150
877-09-8	Tetrachloro-m-xylene	121		42-150

MT 8/10/22

8

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-15 (73-75) | Lab Sample ID: 460-261735-3

Matrix: Solid | Lab File ID: 14F0025027.D

Analysis Method: 8082A | Date Collected: 07/11/2022 14:17

Extraction Method: 3546 | Date Extracted: 07/13/2022 17:44

Sample wt/vol: 15.04(g) | Date Analyzed: 07/14/2022 17:15

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.3 % Solids: 85.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 855286 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.078	U	0.078	0.021
11104-28-2	Aroclor 1221	0.078	U	0.078	0.021
11141-16-5	Aroclor 1232	0.078	U	0.078	0.021
53469-21-9	Aroclor 1242	0.078	U	0.078	0.021
12672-29-6	Aroclor 1248	0.078	U	0.078	0.021
11097-69-1	Aroclor 1254	0.078	U	0.078	0.021
11096-82-5	Aroclor 1260	0.078	U	0.078	0.021
11100-14-4	Aroclor 1268	0.078	U	0.078	0.021
37324-23-5	Aroclor-1262	0.078	U	0.078	0.021
1336-36-3	Polychlorinated biphenyls, Total	0.078	U	0.078	0.021

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		10-150
877-09-8	Tetrachloro-m-xylene	103		42-150

MM 8/10/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-EB-07 Lab Sample ID: 460-261735-4

Matrix: Water Lab File ID: 9F0000961.D

Analysis Method: 8082A Date Collected: 07/11/2022 13:30

Extraction Method: 3510C Date Extracted: 07/13/2022 10:35

Sample wt/vol: 250(mL) Date Analyzed: 07/14/2022 13:03

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 855306 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.40	U	0.40	0.12
11104-28-2	Aroclor 1221	0.40	U	0.40	0.12
11141-16-5	Aroclor 1232	0.40	U	0.40	0.12
53469-21-9	Aroclor 1242	0.40	U	0.40	0.12
12672-29-6	Aroclor 1248	0.40	U	0.40	0.12
11097-69-1	Aroclor 1254	0.40	U	0.40	0.11
11096-82-5	Aroclor 1260	0.40	U	0.40	0.11
37324-23-5	Aroclor-1262	0.40	U	0.40	0.11
11100-14-4	Aroclor 1268	0.40	U	0.40	0.11
1336-36-3	Polychlorinated biphenyls, Total	0.40	U	0.40	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	120		12-150
877-09-8	Tetrachloro-m-xylene	118		11-131

MM 8/10/22

10

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-14 (73-75) Lab Sample ID: 460-261873-1

Matrix: Solid Lab File ID: 8F0000603.D

Analysis Method: 8082A Date Collected: 07/13/2022 10:45

Extraction Method: 3546 Date Extracted: 07/14/2022 16:48

Sample wt/vol: 15.04(g) Date Analyzed: 07/15/2022 17:42

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 9.3 % Solids: 90.7 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 855543 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.074	U	0.074	0.020
11104-28-2	Aroclor 1221	0.074	U	0.074	0.020
11141-16-5	Aroclor 1232	0.074	U	0.074	0.020
53469-21-9	Aroclor 1242	0.074	U	0.074	0.020
12672-29-6	Aroclor 1248	0.074	U	0.074	0.020
11097-69-1	Aroclor 1254	0.074	U	0.074	0.020
11096-82-5	Aroclor 1260	0.074	U	0.074	0.020
11100-14-4	Aroclor 1268	0.074	U	0.074	0.020
37324-23-5	Aroclor-1262	0.074	U	0.074	0.020
1336-36-3	Polychlorinated biphenyls, Total	0.074	U	0.074	0.020

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	143		10-150
877-09-8	Tetrachloro-m-xylene	119		42-150

MY 8/10/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

11

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-EB-08 Lab Sample ID: 460-261873-2

Matrix: Water Lab File ID: 9F0001030.D

Analysis Method: 8082A Date Collected: 07/13/2022 08:20

Extraction Method: 3510C Date Extracted: 07/16/2022 10:40

Sample wt/vol: 250(mL) Date Analyzed: 07/18/2022 16:54

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 855992 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.40	U	0.40	0.12
11104-28-2	Aroclor 1221	0.40	U	0.40	0.12
11141-16-5	Aroclor 1232	0.40	U	0.40	0.12
53469-21-9	Aroclor 1242	0.40	U	0.40	0.12
12672-29-6	Aroclor 1248	0.40	U	0.40	0.12
11097-69-1	Aroclor 1254	0.40	U	0.40	0.11
11096-82-5	Aroclor 1260	0.40	U	0.40	0.11
37324-23-5	Aroclor-1262	0.40	U	0.40	0.11
11100-14-4	Aroclor 1268	0.40	U	0.40	0.11
1336-36-3	Polychlorinated biphenyls, Total	0.40	U	0.40	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	74		12-150
877-09-8	Tetrachloro-m-xylene	71		11-131

MM 8/10/22

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-21 (1-4) | Lab Sample ID: 460-261506-1

Matrix: Solid | Lab File ID: 15F0013202.D

Analysis Method: 8151A | Date Collected: 07/07/2022 11:00

Extraction Method: 8151A | Date Extracted: 07/11/2022 21:21

Sample wt/vol: 30.05(g) | Date Analyzed: 07/12/2022 14:34

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 18.8 % Solids: 81.2 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 854841 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.041	U	0.041	0.0087
94-75-7	2,4-D	0.041	U	0.041	0.015
93-72-1	Silvex (2,4,5-TP)	0.041	U	0.041	0.0043

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	129		27-150

MT 8/10/22

2

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-21 (12-15) | Lab Sample ID: 460-261506-2

Matrix: Solid | Lab File ID: 15F0013203.D

Analysis Method: 8151A | Date Collected: 07/07/2022 11:45

Extraction Method: 8151A | Date Extracted: 07/11/2022 21:21

Sample wt/vol: 30.04(g) | Date Analyzed: 07/12/2022 14:48

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.9 % Solids: 90.1 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 854841 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.037	U	0.037	0.0078
94-75-7	2,4-D	0.037	U	0.037	0.013
93-72-1	Silvex (2,4,5-TP)	0.037	U	0.037	0.0038

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	147		27-150

MT 8/10/22

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-EB-05 | Lab Sample ID: 460-261506-3

Matrix: Water | Lab File ID: 15F0013131.D

Analysis Method: 8151A | Date Collected: 07/07/2022 13:00

Extraction Method: 8151A | Date Extracted: 07/10/2022 10:18

Sample wt/vol: 250(mL) | Date Analyzed: 07/11/2022 07:56

Con. Extract Vol.: 3(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: DB-5 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 854586 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	1.2	U	1.2	0.12
94-75-7	2,4-D	1.2	U	1.2	0.13
93-72-1	Silvex (2,4,5-TP)	1.2	U	1.2	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	89		10-150

MT 8/10/22

4

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-21 (71-73) | Lab Sample ID: 460-261582-1

Matrix: Solid | Lab File ID: 15F0013249.D

Analysis Method: 8151A | Date Collected: 07/07/2022 16:45

Extraction Method: 8151A | Date Extracted: 07/13/2022 10:23

Sample wt/vol: 30.01(g) | Date Analyzed: 07/14/2022 07:51

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.8 % Solids: 90.2 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 855271 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.037	U	0.037	0.0078
94-75-7	2,4-D	0.037	U	0.037	0.013
93-72-1	Silvex (2,4,5-TP)	0.037	U	0.037	0.0038

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	88		27-150

MT 8/10/22

5

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-EB-06 | Lab Sample ID: 460-261582-2

Matrix: Water | Lab File ID: 15F0013132.D

Analysis Method: 8151A | Date Collected: 07/08/2022 12:00

Extraction Method: 8151A | Date Extracted: 07/10/2022 10:18

Sample wt/vol: 250(mL) | Date Analyzed: 07/11/2022 08:10

Con. Extract Vol.: 3(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: DB-5 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 854586 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	1.2	U	1.2	0.12
94-75-7	2,4-D	1.2	U	1.2	0.13
93-72-1	Silvex (2,4,5-TP)	1.2	U	1.2	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	97		10-150

MT 8/10/22

6

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison
Job No.: 460-261506-1
SDG No.:
Client Sample ID: TRC-SB-15 (1-4)
Lab Sample ID: 460-261735-1
Matrix: Solid
Lab File ID: 15F0013274.D
Analysis Method: 8151A
Date Collected: 07/11/2022 09:19
Extraction Method: 8151A
Date Extracted: 07/13/2022 22:15
Sample wt/vol: 30.04(g)
Date Analyzed: 07/14/2022 13:30
Con. Extract Vol.: 10(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
GC Column: CLP-2 ID: 0.53(mm)
% Moisture: 12.8 % Solids: 87.2
GPC Cleanup:(Y/N) N
Cleanup Factor:
Analysis Batch No.: 855333
Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.038	U	0.038	0.0081
94-75-7	2,4-D	0.038	U	0.038	0.014
93-72-1	Silvex (2,4,5-TP)	0.038	U	0.038	0.0040

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	157	+	27-150

MT 8/10/22

7

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-15 (12-15) | Lab Sample ID: 460-261735-2

Matrix: Solid | Lab File ID: 15F0013276.D

Analysis Method: 8151A | Date Collected: 07/11/2022 10:09

Extraction Method: 8151A | Date Extracted: 07/13/2022 22:15

Sample wt/vol: 30.02(g) | Date Analyzed: 07/14/2022 14:04

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.1 % Solids: 90.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 855333 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.037	U	0.037	0.0078
94-75-7	2,4-D	0.037	U	0.037	0.013
93-72-1	Silvex (2,4,5-TP)	0.037	U	0.037	0.0038

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	174	/	27-150

MT 8/10/22

8

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-15 (73-75) | Lab Sample ID: 460-261735-3

Matrix: Solid | Lab File ID: 15F0013277.D

Analysis Method: 8151A | Date Collected: 07/11/2022 14:17

Extraction Method: 8151A | Date Extracted: 07/13/2022 22:15

Sample wt/vol: 30.04(g) | Date Analyzed: 07/14/2022 14:18

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.3 % Solids: 85.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 855333 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.039	U	0.039	0.0083
94-75-7	2,4-D	0.039	U	0.039	0.014
93-72-1	Silvex (2,4,5-TP)	0.039	U	0.039	0.0040

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	180	/	27-150

MJ 8/10/22

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison
Job No.: 460-261506-1
SDG No.:
Client Sample ID: TRC-EB-07
Lab Sample ID: 460-261735-4
Matrix: Water
Lab File ID: 15F0013304.D
Analysis Method: 8151A
Date Collected: 07/11/2022 13:30
Extraction Method: 8151A
Date Extracted: 07/13/2022 11:18
Sample wt/vol: 250(mL)
Date Analyzed: 07/15/2022 08:18
Con. Extract Vol.: 3(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
GC Column: CLP-2 ID: 0.53(mm)
% Moisture: % Solids:
GPC Cleanup:(Y/N) N
Cleanup Factor:
Analysis Batch No.: 855539
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	1.2	U	1.2	0.12
94-75-7	2,4-D	1.2	U	1.2	0.13
93-72-1	Silvex (2,4,5-TP)	1.2	U	1.2	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	76		10-150

MM 8/10/22

10

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-SB-14 (73-75) Lab Sample ID: 460-261873-1

Matrix: Solid Lab File ID: 15F0013409.D

Analysis Method: 8151A Date Collected: 07/13/2022 10:45

Extraction Method: 8151A Date Extracted: 07/15/2022 21:36

Sample wt/vol: 30.02(g) Date Analyzed: 07/19/2022 07:08

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.3 % Solids: 90.7 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 856166 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	0.037	U	0.037	0.0078
94-75-7	2,4-D	0.037	U	0.037	0.013
93-72-1	Silvex (2,4,5-TP)	0.037	U	0.037	0.0038

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	191		27-150

MT 8/10/22

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

11

Lab Name: Eurofins Edison Job No.: 460-261506-1

SDG No.:

Client Sample ID: TRC-EB-08 Lab Sample ID: 460-261873-2

Matrix: Water Lab File ID: 15F0013401.D

Analysis Method: 8151A Date Collected: 07/13/2022 08:20

Extraction Method: 8151A Date Extracted: 07/15/2022 10:06

Sample wt/vol: 250(mL) Date Analyzed: 07/18/2022 18:14

Con. Extract Vol.: 3(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB-5 ID: 0.53(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 856055 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	1.2	U	1.2	0.12
94-75-7	2,4-D	1.2	U	1.2	0.13
93-72-1	Silvex (2,4,5-TP)	1.2	U	1.2	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	57		10-150

MM 8/10/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TRC-SB-21 (1-4)
Lab Sample ID: 460-261506-1
Lab Name: Eurofins Edison
Job No.: 460-261506-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/07/2022 11:00
Reporting Basis: DRY
Date Received: 07/07/2022 19:30
% Solids: 81.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	11700	24.1	6.6	mg/Kg			1	6020B
7440-36-0	Antimony	1.2	1.2	0.18	mg/Kg	U		1	6020B
7440-38-2	Arsenic	3.7	1.2	0.12	mg/Kg			1	6020B
7440-39-3	Barium	53.5	2.4	0.17	mg/Kg	J		1	6020B
7440-41-7	Beryllium	0.59	0.48	0.069	mg/Kg			1	6020B
7440-43-9	Cadmium	0.17	1.2	0.14	mg/Kg	J		1	6020B
7440-70-2	Calcium	2990	121	21.4	mg/Kg			1	6020B
7440-47-3	Chromium	15.8	2.4	1.1	mg/Kg			1	6020B
7440-48-4	Cobalt	6.1	2.4	0.18	mg/Kg			1	6020B
7440-50-8	Copper	14.1	2.4	0.44	mg/Kg			1	6020B
7439-89-6	Iron	12600	72.4	24.4	mg/Kg			1	6020B
7439-92-1	Lead	49.2	0.72	0.24	mg/Kg			1	6020B
7439-95-4	Magnesium	2620	121	12.3	mg/Kg			1	6020B
7439-96-5	Manganese	195	4.8	0.49	mg/Kg	J		1	6020B
7440-02-0	Nickel	16.5	2.4	0.57	mg/Kg			1	6020B
7440-09-7	Potassium	754	121	19.5	mg/Kg			1	6020B
7782-49-2	Selenium	0.24	1.5	0.15	mg/Kg	J		1	6020B
7440-22-4	Silver	0.48	0.48	0.11	mg/Kg	U		1	6020B
7440-23-5	Sodium	536	121	55.1	mg/Kg			1	6020B
7440-28-0	Thallium	0.11	0.48	0.049	mg/Kg	J		1	6020B
7440-62-2	Vanadium	22.7	2.4	0.25	mg/Kg		B	1	6020B
7440-66-6	Zinc	51.6	9.7	3.7	mg/Kg			1	6020B
7439-97-6	Mercury	0.64	0.019	0.0090	mg/Kg			1	7471B

MM 8/10/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

2

Client Sample ID: TRC-SB-21 (12-15)
Lab Sample ID: 460-261506-2
Lab Name: Eurofins Edison
Job No.: 460-261506-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/07/2022 11:45
Reporting Basis: DRY
Date Received: 07/07/2022 19:30
% Solids: 90.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	6430	20.4	5.6	mg/Kg			1	6020B
7440-36-0	Antimony	1.0	1.0	0.15	mg/Kg	U UJ		1	6020B
7440-38-2	Arsenic	1.9	1.0	0.10	mg/Kg			1	6020B
7440-39-3	Barium	31.0	2.0	0.15	mg/Kg	J		1	6020B
7440-41-7	Beryllium	0.35	0.41	0.058	mg/Kg	J		1	6020B
7440-43-9	Cadmium	1.0	1.0	0.12	mg/Kg	U		1	6020B
7440-70-2	Calcium	1250	102	18.0	mg/Kg			1	6020B
7440-47-3	Chromium	15.0	2.0	0.92	mg/Kg			1	6020B
7440-48-4	Cobalt	7.0	2.0	0.15	mg/Kg			1	6020B
7440-50-8	Copper	20.9	2.0	0.37	mg/Kg			1	6020B
7439-89-6	Iron	10400	61.1	20.6	mg/Kg			1	6020B
7439-92-1	Lead	6.8	0.61	0.20	mg/Kg			1	6020B
7439-95-4	Magnesium	2790	102	10.4	mg/Kg			1	6020B
7439-96-5	Manganese	131	4.1	0.41	mg/Kg	J		1	6020B
7440-02-0	Nickel	16.1	2.0	0.48	mg/Kg			1	6020B
7440-09-7	Potassium	929	102	16.5	mg/Kg			1	6020B
7782-49-2	Selenium	1.3	1.3	0.13	mg/Kg	U		1	6020B
7440-22-4	Silver	0.41	0.41	0.091	mg/Kg	U		1	6020B
7440-23-5	Sodium	279	102	46.5	mg/Kg			1	6020B
7440-28-0	Thallium	0.077	0.41	0.042	mg/Kg	J		1	6020B
7440-62-2	Vanadium	17.2	2.0	0.21	mg/Kg		B	1	6020B
7440-66-6	Zinc	31.4	8.1	3.1	mg/Kg			1	6020B
7439-97-6	Mercury	0.0091	0.018	0.0083	mg/Kg	J		1	7471B

MT 8/10/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

3

Client Sample ID: TRC-EB-05
Lab Sample ID: 460-261506-3
Lab Name: Eurofins Edison
Job No.: 460-261506-1
SDG ID.:
Matrix: Water
Date Sampled: 07/07/2022 13:00
Reporting Basis: WET
Date Received: 07/07/2022 19:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	40.0	40.0	19.5	ug/L	U		1	6020B
7440-36-0	Antimony	2.0	2.0	0.76	ug/L	U		1	6020B
7440-38-2	Arsenic	2.0	2.0	0.89	ug/L	U		1	6020B
7440-39-3	Barium	4.0	4.0	0.91	ug/L	U		1	6020B
7440-41-7	Beryllium	0.80	0.80	0.13	ug/L	U		1	6020B
7440-43-9	Cadmium	2.0	2.0	0.39	ug/L	U		1	6020B
7440-70-2	Calcium	500	500	53.6	ug/L	U		1	6020B
7440-47-3	Chromium	4.0	4.0	2.5	ug/L	U		1	6020B
7440-48-4	Cobalt	4.0	4.0	0.71	ug/L	U		1	6020B
7440-50-8	Copper	4.0	4.0	2.5	ug/L	U		1	6020B
7439-89-6	Iron	120	120	58.2	ug/L	U		1	6020B
7439-92-1	Lead	1.2	1.2	0.84	ug/L	U		1	6020B
7439-95-4	Magnesium	200	200	46.9	ug/L	U		1	6020B
7439-96-5	Manganese	8.0	8.0	1.5	ug/L	U		1	6020B
7440-02-0	Nickel	4.0	4.0	0.91	ug/L	U		1	6020B
7440-09-7	Potassium	200	200	112	ug/L	U		1	6020B
7782-49-2	Selenium	2.5	2.5	0.59	ug/L	U		1	6020B
7440-22-4	Silver	2.0	2.0	0.29	ug/L	U		1	6020B
7440-23-5	Sodium	500	500	163	ug/L	U		1	6020B
7440-28-0	Thallium	0.80	0.80	0.21	ug/L	U		1	6020B
7440-62-2	Vanadium	4.0	4.0	0.68	ug/L	U		1	6020B
7440-66-6	Zinc	16.0	16.0	6.5	ug/L	U		1	6020B
7439-97-6	Mercury	0.20	0.20	0.091	ug/L	U		1	7470A

MT 8/10/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

4

Client Sample ID: TRC-SB-21 (71-73)
Lab Sample ID: 460-261582-1
Lab Name: Eurofins Edison
Job No.: 460-261506-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/07/2022 16:45
Reporting Basis: DRY
Date Received: 07/08/2022 19:30
% Solids: 90.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	4940	21.3	5.9	mg/Kg			1	6020B
7440-36-0	Antimony	1.1	1.1	0.16	mg/Kg	U		1	6020B
7440-38-2	Arsenic	3.4	1.1	0.11	mg/Kg			1	6020B
7440-39-3	Barium	55.1	2.1	0.15	mg/Kg			1	6020B
7440-41-7	Beryllium	0.47	0.43	0.061	mg/Kg			1	6020B
7440-43-9	Cadmium	1.1	1.1	0.12	mg/Kg	U		1	6020B
7440-70-2	Calcium	6390	107	18.9	mg/Kg	J		1	6020B
7440-47-3	Chromium	13.1	2.1	0.97	mg/Kg	J		1	6020B
7440-48-4	Cobalt	4.5	2.1	0.16	mg/Kg			1	6020B
7440-50-8	Copper	12.5	2.1	0.39	mg/Kg			1	6020B
7439-89-6	Iron	11800	64.0	21.5	mg/Kg			1	6020B
7439-92-1	Lead	8.4	0.64	0.21	mg/Kg	J		1	6020B
7439-95-4	Magnesium	3400	107	10.9	mg/Kg			1	6020B
7439-96-5	Manganese	261	4.3	0.43	mg/Kg			1	6020B
7440-02-0	Nickel	9.1	2.1	0.50	mg/Kg			1	6020B
7440-09-7	Potassium	1290	107	17.3	mg/Kg			1	6020B
7782-49-2	Selenium	1.3	1.3	0.14	mg/Kg	U		1	6020B
7440-22-4	Silver	0.43	0.43	0.095	mg/Kg	U		1	6020B
7440-23-5	Sodium	381	107	48.7	mg/Kg	U		1	6020B
7440-28-0	Thallium	0.095	0.43	0.044	mg/Kg	J		1	6020B
7440-62-2	Vanadium	20.3	2.1	0.22	mg/Kg			1	6020B
7440-66-6	Zinc	30.2	8.5	3.3	mg/Kg			1	6020B
7439-97-6	Mercury	0.017	0.017	0.0082	mg/Kg	U		1	7471B

MM 8/10/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

5

Client Sample ID: TRC-EB-06
Lab Sample ID: 460-261582-2
Lab Name: Eurofins Edison
Job No.: 460-261506-1
SDG ID.:
Matrix: Water
Date Sampled: 07/08/2022 12:00
Reporting Basis: WET
Date Received: 07/08/2022 19:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	40.0	40.0	19.5	ug/L	U		1	6020B
7440-36-0	Antimony	2.0	2.0	0.76	ug/L	U		1	6020B
7440-38-2	Arsenic	2.0	2.0	0.89	ug/L	U		1	6020B
7440-39-3	Barium	4.0	4.0	0.91	ug/L	U		1	6020B
7440-41-7	Beryllium	0.80	0.80	0.13	ug/L	U		1	6020B
7440-43-9	Cadmium	2.0	2.0	0.39	ug/L	U		1	6020B
7440-70-2	Calcium	500	500	53.6	ug/L	U		1	6020B
7440-47-3	Chromium	4.0	4.0	2.5	ug/L	U		1	6020B
7440-48-4	Cobalt	4.0	4.0	0.71	ug/L	U		1	6020B
7440-50-8	Copper	4.0	4.0	2.5	ug/L	U		1	6020B
7439-89-6	Iron	120	120	58.2	ug/L	U		1	6020B
7439-92-1	Lead	1.2	1.2	0.84	ug/L	U		1	6020B
7439-95-4	Magnesium	200	200	46.9	ug/L	U		1	6020B
7439-96-5	Manganese	8.0	8.0	1.5	ug/L	U		1	6020B
7440-02-0	Nickel	4.0	4.0	0.91	ug/L	U		1	6020B
7440-09-7	Potassium	200	200	112	ug/L	U		1	6020B
7782-49-2	Selenium	2.5	2.5	0.59	ug/L	U		1	6020B
7440-22-4	Silver	2.0	2.0	0.29	ug/L	U		1	6020B
7440-23-5	Sodium	3870	500	163	ug/L			1	6020B
7440-28-0	Thallium	0.80	0.80	0.21	ug/L	U		1	6020B
7440-62-2	Vanadium	4.0	4.0	0.68	ug/L	U		1	6020B
7440-66-6	Zinc	16.0	16.0	6.5	ug/L	U		1	6020B
7439-97-6	Mercury	0.20	0.20	0.091	ug/L	U		1	7470A

MT 8/10/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

6

Client Sample ID: TRC-SB-15 (1-4)
Lab Sample ID: 460-261735-1
Lab Name: Eurofins Edison
Job No.: 460-261506-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/11/2022 09:19
Reporting Basis: DRY
Date Received: 07/11/2022 18:00
% Solids: 87.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	5650	16.9	4.6	mg/Kg			1	6020B
7440-36-0	Antimony	0.42	0.84	0.12	mg/Kg	J J		1	6020B
7440-38-2	Arsenic	4.4	0.84	0.087	mg/Kg			1	6020B
7440-39-3	Barium	32.1	1.7	0.12	mg/Kg			1	6020B
7440-41-7	Beryllium	0.27	0.34	0.048	mg/Kg	J		1	6020B
7440-43-9	Cadmium	0.11	0.84	0.095	mg/Kg	J		1	6020B
7440-70-2	Calcium	5340	84.3	14.9	mg/Kg			1	6020B
7440-47-3	Chromium	9.8	1.7	0.77	mg/Kg			1	6020B
7440-48-4	Cobalt	4.1	1.7	0.12	mg/Kg			1	6020B
7440-50-8	Copper	20.5	1.7	0.31	mg/Kg			1	6020B
7439-89-6	Iron	5890	50.6	17.0	mg/Kg			1	6020B
7439-92-1	Lead	72.6	0.51	0.17	mg/Kg			1	6020B
7439-95-4	Magnesium	2420	84.3	8.6	mg/Kg			1	6020B
7439-96-5	Manganese	111	3.4	0.34	mg/Kg			1	6020B
7440-02-0	Nickel	11.9	1.7	0.40	mg/Kg	J		1	6020B
7440-09-7	Potassium	442	84.3	13.7	mg/Kg			1	6020B
7782-49-2	Selenium	0.13	1.1	0.11	mg/Kg	J		1	6020B
7440-22-4	Silver	0.34	0.34	0.075	mg/Kg	U		1	6020B
7440-23-5	Sodium	522	84.3	38.5	mg/Kg			1	6020B
7440-28-0	Thallium	0.060	0.34	0.035	mg/Kg	J		1	6020B
7440-62-2	Vanadium	10.7	1.7	0.17	mg/Kg			1	6020B
7440-66-6	Zinc	43.4	6.7	2.6	mg/Kg	J		1	6020B
7439-97-6	Mercury	0.31	0.018	0.0085	mg/Kg			1	7471B

MT 8/10/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

7

Client Sample ID: TRC-SB-15 (12-15)
Lab Sample ID: 460-261735-2
Lab Name: Eurofins Edison
Job No.: 460-261506-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/11/2022 10:09
Reporting Basis: DRY
Date Received: 07/11/2022 18:00
% Solids: 90.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	14800	16.4	4.5	mg/Kg			1	6020B
7440-36-0	Antimony	0.82	0.82	0.12	mg/Kg	J		1	6020B
7440-38-2	Arsenic	5.4	0.82	0.085	mg/Kg			1	6020B
7440-39-3	Barium	65.1	1.6	0.12	mg/Kg			1	6020B
7440-41-7	Beryllium	0.64	0.33	0.047	mg/Kg			1	6020B
7440-43-9	Cadmium	0.82	0.82	0.093	mg/Kg	U		1	6020B
7440-70-2	Calcium	1670	82.1	14.5	mg/Kg			1	6020B
7440-47-3	Chromium	21.5	1.6	0.75	mg/Kg			1	6020B
7440-48-4	Cobalt	7.1	1.6	0.12	mg/Kg			1	6020B
7440-50-8	Copper	10.1	1.6	0.30	mg/Kg			1	6020B
7439-89-6	Iron	16600	49.3	16.6	mg/Kg			1	6020B
7439-92-1	Lead	6.5	0.49	0.16	mg/Kg			1	6020B
7439-95-4	Magnesium	6490	82.1	8.4	mg/Kg			1	6020B
7439-96-5	Manganese	324	3.3	0.33	mg/Kg			1	6020B
7440-02-0	Nickel	16.8	1.6	0.39	mg/Kg	J		1	6020B
7440-09-7	Potassium	4650	82.1	13.3	mg/Kg			1	6020B
7782-49-2	Selenium	0.11	1.0	0.11	mg/Kg	J		1	6020B
7440-22-4	Silver	0.33	0.33	0.073	mg/Kg	U		1	6020B
7440-23-5	Sodium	1340	82.1	37.5	mg/Kg			1	6020B
7440-28-0	Thallium	0.23	0.33	0.034	mg/Kg	J		1	6020B
7440-62-2	Vanadium	34.7	1.6	0.17	mg/Kg			1	6020B
7440-66-6	Zinc	40.5	6.6	2.5	mg/Kg	J		1	6020B
7439-97-6	Mercury	0.018	0.018	0.0087	mg/Kg	U		1	7471B

MT 8/10/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

8

Client Sample ID: TRC-SB-15 (73-75)
Lab Sample ID: 460-261735-3
Lab Name: Eurofins Edison
Job No.: 460-261506-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/11/2022 14:17
Reporting Basis: DRY
Date Received: 07/11/2022 18:00
% Solids: 85.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	2620	18.8	5.2	mg/Kg			1	6020B
7440-36-0	Antimony	0.94	0.94	0.14	mg/Kg	J U5		1	6020B
7440-38-2	Arsenic	2.8	0.94	0.097	mg/Kg			1	6020B
7440-39-3	Barium	20.9	1.9	0.14	mg/Kg			1	6020B
7440-41-7	Beryllium	0.35	0.38	0.054	mg/Kg	J		1	6020B
7440-43-9	Cadmium	0.94	0.94	0.11	mg/Kg	U		1	6020B
7440-70-2	Calcium	1240	94.1	16.7	mg/Kg			1	6020B
7440-47-3	Chromium	7.7	1.9	0.85	mg/Kg			1	6020B
7440-48-4	Cobalt	2.7	1.9	0.14	mg/Kg			1	6020B
7440-50-8	Copper	8.1	1.9	0.35	mg/Kg			1	6020B
7439-89-6	Iron	7250	56.5	19.0	mg/Kg			1	6020B
7439-92-1	Lead	4.4	0.56	0.19	mg/Kg			1	6020B
7439-95-4	Magnesium	1800	94.1	9.6	mg/Kg			1	6020B
7439-96-5	Manganese	170	3.8	0.38	mg/Kg			1	6020B
7440-02-0	Nickel	5.9	1.9	0.44	mg/Kg			1	6020B
7440-09-7	Potassium	731	94.1	15.2	mg/Kg			1	6020B
7782-49-2	Selenium	1.2	1.2	0.12	mg/Kg	U		1	6020B
7440-22-4	Silver	0.38	0.38	0.084	mg/Kg	U		1	6020B
7440-23-5	Sodium	137	94.1	43.0	mg/Kg			1	6020B
7440-28-0	Thallium	0.38	0.38	0.039	mg/Kg	U		1	6020B
7440-62-2	Vanadium	10.7	1.9	0.19	mg/Kg			1	6020B
7440-66-6	Zinc	18.9	7.5	2.9	mg/Kg			1	6020B
7439-97-6	Mercury	0.018	0.018	0.0084	mg/Kg	U		1	7471B

MM 8/10/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

9

Client Sample ID: TRC-EB-07 | Lab Sample ID: 460-261735-4

Lab Name: Eurofins Edison | Job No.: 460-261506-1

SDG ID.:

Matrix: Water | Date Sampled: 07/11/2022 13:30

Reporting Basis: WET | Date Received: 07/11/2022 18:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	40.0	40.0	19.5	ug/L	U		1	6020B
7440-36-0	Antimony	2.0	2.0	0.76	ug/L	U		1	6020B
7440-38-2	Arsenic	2.0	2.0	0.89	ug/L	U		1	6020B
7440-39-3	Barium	4.0	4.0	0.91	ug/L	U		1	6020B
7440-41-7	Beryllium	0.80	0.80	0.13	ug/L	U		1	6020B
7440-43-9	Cadmium	2.0	2.0	0.39	ug/L	U		1	6020B
7440-70-2	Calcium	500	500	53.6	ug/L	U		1	6020B
7440-47-3	Chromium	4.0	4.0	2.5	ug/L	U		1	6020B
7440-48-4	Cobalt	4.0	4.0	0.71	ug/L	U		1	6020B
7440-50-8	Copper	4.0	4.0	2.5	ug/L	U		1	6020B
7439-89-6	Iron	120	120	58.2	ug/L	U		1	6020B
7439-92-1	Lead	1.2	1.2	0.84	ug/L	U		1	6020B
7439-95-4	Magnesium	200	200	46.9	ug/L	U		1	6020B
7439-96-5	Manganese	8.0	8.0	1.5	ug/L	U		1	6020B
7440-02-0	Nickel	4.0	4.0	0.91	ug/L	U		1	6020B
7440-09-7	Potassium	200	200	112	ug/L	U		1	6020B
7782-49-2	Selenium	2.5	2.5	0.59	ug/L	U		1	6020B
7440-22-4	Silver	2.0	2.0	0.29	ug/L	U		1	6020B
7440-23-5	Sodium	500	500	163	ug/L	U		1	6020B
7440-28-0	Thallium	0.80	0.80	0.21	ug/L	U		1	6020B
7440-62-2	Vanadium	4.0	4.0	0.68	ug/L	U		1	6020B
7440-66-6	Zinc	16.0	16.0	6.5	ug/L	U		1	6020B
7439-97-6	Mercury	0.20	0.20	0.091	ug/L	U		1	7470A

MT 8/10/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

10

Client Sample ID: TRC-SB-14 (73-75)
Lab Sample ID: 460-261873-1
Lab Name: Eurofins Edison
Job No.: 460-261506-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/13/2022 10:45
Reporting Basis: DRY
Date Received: 07/13/2022 18:00
% Solids: 90.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	3750	16.7	4.6	mg/Kg			1	6020B
7440-36-0	Antimony	0.84	0.84	0.12	mg/Kg	U		1	6020B
7440-38-2	Arsenic	2.1	0.84	0.086	mg/Kg			1	6020B
7440-39-3	Barium	30.4	1.7	0.12	mg/Kg			1	6020B
7440-41-7	Beryllium	0.51	0.33	0.048	mg/Kg			1	6020B
7440-43-9	Cadmium	0.84	0.84	0.094	mg/Kg	U		1	6020B
7440-70-2	Calcium	1810	83.5	14.8	mg/Kg			1	6020B
7440-47-3	Chromium	12.2	1.7	0.76	mg/Kg			1	6020B
7440-48-4	Cobalt	4.4	1.7	0.12	mg/Kg			1	6020B
7440-50-8	Copper	11.6	1.7	0.31	mg/Kg			1	6020B
7439-89-6	Iron	10600	50.1	16.9	mg/Kg			1	6020B
7439-92-1	Lead	8.1	0.50	0.17	mg/Kg			1	6020B
7439-95-4	Magnesium	3450	83.5	8.5	mg/Kg			1	6020B
7439-96-5	Manganese	332	3.3	0.34	mg/Kg	J		1	6020B
7440-02-0	Nickel	10	1.7	0.39	mg/Kg			1	6020B
7440-09-7	Potassium	1250	83.5	13.5	mg/Kg			1	6020B
7782-49-2	Selenium	1.0	1.0	0.11	mg/Kg	U		1	6020B
7440-22-4	Silver	0.33	0.33	0.074	mg/Kg	U		1	6020B
7440-23-5	Sodium	153	83.5	38.2	mg/Kg			1	6020B
7440-28-0	Thallium	0.089	0.33	0.034	mg/Kg	J		1	6020B
7440-62-2	Vanadium	16.1	1.7	0.17	mg/Kg			1	6020B
7440-66-6	Zinc	28.6	6.7	2.5	mg/Kg			1	6020B
7439-97-6	Mercury	0.018	0.018	0.0084	mg/Kg	U		1	7471B

MM 8/10/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

11

Client Sample ID: TRC-EB-08
Lab Sample ID: 460-261873-2
Lab Name: Eurofins Edison
Job No.: 460-261506-1
SDG ID.:
Matrix: Water
Date Sampled: 07/13/2022 08:20
Reporting Basis: WET
Date Received: 07/13/2022 18:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	40.0	40.0	19.5	ug/L	U		1	6020B
7440-36-0	Antimony	2.0	2.0	0.76	ug/L	U		1	6020B
7440-38-2	Arsenic	2.0	2.0	0.89	ug/L	U		1	6020B
7440-39-3	Barium	4.0	4.0	0.91	ug/L	U		1	6020B
7440-41-7	Beryllium	0.80	0.80	0.13	ug/L	U		1	6020B
7440-43-9	Cadmium	2.0	2.0	0.39	ug/L	U		1	6020B
7440-70-2	Calcium	500	500	53.6	ug/L	U		1	6020B
7440-47-3	Chromium	4.0	4.0	2.5	ug/L	U		1	6020B
7440-48-4	Cobalt	4.0	4.0	0.71	ug/L	U		1	6020B
7440-50-8	Copper	4.0	4.0	2.5	ug/L	U		1	6020B
7439-89-6	Iron	120	120	58.2	ug/L	U		1	6020B
7439-92-1	Lead	1.2	1.2	0.84	ug/L	U		1	6020B
7439-95-4	Magnesium	200	200	46.9	ug/L	U		1	6020B
7439-96-5	Manganese	8.0	8.0	1.5	ug/L	U		1	6020B
7440-02-0	Nickel	4.0	4.0	0.91	ug/L	U		1	6020B
7440-09-7	Potassium	200	200	112	ug/L	U		1	6020B
7782-49-2	Selenium	2.5	2.5	0.59	ug/L	U		1	6020B
7440-22-4	Silver	2.0	2.0	0.29	ug/L	U		1	6020B
7440-23-5	Sodium	500	500	163	ug/L	U		1	6020B
7440-28-0	Thallium	0.80	0.80	0.21	ug/L	U		1	6020B
7440-62-2	Vanadium	4.0	4.0	0.68	ug/L	U		1	6020B
7440-66-6	Zinc	16.0	16.0	6.5	ug/L	U		1	6020B
7439-97-6	Mercury	0.20	0.20	0.091	ug/L	U		1	7470A

MT 8/10/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: TRC-SB-21 (1-4)
Lab Sample ID: 460-261506-1
Lab Name: Eurofins Edison
Job No.: 460-261506-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/07/2022 11:00
Reporting Basis: DRY
Date Received: 07/07/2022 19:30
% Solids: 81.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.20	0.27	0.15	mg/Kg	J		1	9012B

MM 8/10/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

2

Client Sample ID: TRC-SB-21 (12-15)
Lab Sample ID: 460-261506-2
Lab Name: Eurofins Edison
Job No.: 460-261506-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/07/2022 11:45
Reporting Basis: DRY
Date Received: 07/07/2022 19:30
% Solids: 90.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.26	0.26	0.14	mg/Kg	U		1	9012B

MT 8/10/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

3

Client Sample ID: TRC-EB-05
Lab Sample ID: 460-261506-3
Lab Name: Eurofins Edison
Job No.: 460-261506-1
SDG ID.:
Matrix: Water
Date Sampled: 07/07/2022 13:00
Reporting Basis: WET
Date Received: 07/07/2022 19:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	10.0	10.0	4.0	ug/L	U		1	9012B

MT 8/10/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

4

Client Sample ID: TRC-SB-21 (71-73)
Lab Sample ID: 460-261582-1
Lab Name: Eurofins Edison
Job No.: 460-261506-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/07/2022 16:45
Reporting Basis: DRY
Date Received: 07/08/2022 19:30
% Solids: 90.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.23	0.23	0.13	mg/Kg	U		1	9012B

MT 8/10/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

5

Client Sample ID: TRC-EB-06
Lab Sample ID: 460-261582-2
Lab Name: Eurofins Edison
Job No.: 460-261506-1
SDG ID.:
Matrix: Water
Date Sampled: 07/08/2022 12:00
Reporting Basis: WET
Date Received: 07/08/2022 19:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	10.0	10.0	4.0	ug/L	U		1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

6

Client Sample ID: TRC-SB-15 (1-4)
Lab Sample ID: 460-261735-1
Lab Name: Eurofins Edison
Job No.: 460-261506-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/11/2022 09:19
Reporting Basis: DRY
Date Received: 07/11/2022 18:00
% Solids: 87.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.28	0.28	0.15	mg/Kg	U		1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

7

Client Sample ID: TRC-SB-15 (12-15)
Lab Sample ID: 460-261735-2
Lab Name: Eurofins Edison
Job No.: 460-261506-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/11/2022 10:09
Reporting Basis: DRY
Date Received: 07/11/2022 18:00
% Solids: 90.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.24	0.24	0.13	mg/Kg	U		1	9012B

MM 8/10/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

8

Client Sample ID: TRC-SB-15 (73-75)
Lab Sample ID: 460-261735-3
Lab Name: Eurofins Edison
Job No.: 460-261506-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/11/2022 14:17
Reporting Basis: DRY
Date Received: 07/11/2022 18:00
% Solids: 85.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.28	0.28	0.15	mg/Kg	U		1	9012B

MM 8/10/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

9

Client Sample ID: TRC-EB-07
Lab Sample ID: 460-261735-4
Lab Name: Eurofins Edison
Job No.: 460-261506-1
SDG ID.:
Matrix: Water
Date Sampled: 07/11/2022 13:30
Reporting Basis: WET
Date Received: 07/11/2022 18:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	10.0	10.0	4.0	ug/L	U		1	9012B

MT 8/10/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

10

Client Sample ID: TRC-SB-14 (73-75)
Lab Sample ID: 460-261873-1
Lab Name: Eurofins Edison
Job No.: 460-261506-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/13/2022 10:45
Reporting Basis: DRY
Date Received: 07/13/2022 18:00
% Solids: 90.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.26	0.26	0.14	mg/Kg	U		1	9012B

MT 8/10/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

11

Client Sample ID: TRC-EB-08
Lab Sample ID: 460-261873-2
Lab Name: Eurofins Edison
Job No.: 460-261506-1
SDG ID.:
Matrix: Water
Date Sampled: 07/13/2022 08:20
Reporting Basis: WET
Date Received: 07/13/2022 18:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	10.0	10.0	4.0	ug/L	U		1	9012B

MM 8/10/22

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
NYSCA-PROPOSED PUBLIC SCHOOL K20F, NEW YORK

Client: TRC Engineering, Inc., New York, New York
SDG: 460-261556-1
Laboratory: Eurofins Test America, Edison, New Jersey and Lancaster, Pennsylvania
Site: NYSCA-Proposed Public School K20F, New York
Date: August 24, 2022

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	TRC-SB-21(1-4)	460-261556-1	Soil
2	TRC-SB-21(12-15)	460-261556-2	Soil
3	TRC-EB-05	460-261556-3	Water
3RE	TRC-EB-05RE	460-261556-3RE	Water
4	TRC-SB-21(71-73)	460-261619-1	Soil
5	TRC-EB-06	460-261619-2	Water
5RE	TRC-EB-06RE	460-261619-2RE	Water
6	TRC-SB-15(1-4)	460-261747-1	Soil
7	TRC-SB-15(12-15)	460-261747-2	Soil
8	TRC-SB-15(73-75)	460-261747-3	Soil
9	TRC-EB-07	460-261747-4	Water
9RE	TRC-EB-07RE	460-261747-4RE	Water
10	TRC-SB-14(73-75)	460-261888-1	Soil
11	TRC-EB-08	460-261888-2	Water
11RE	TRC-EB-08RE	460-261888-2RE	Water

A Data Usability Summary Review was performed on the analytical data for seven soil samples and four aqueous equipment blank samples collected on July 7-13, 2022 by TRC at the NYSCA-Proposed Public School K20F in New York. The samples were analyzed under the USEPA Method for the Determination of Selected Per- and Polyfluorinated Alkyl Substances in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS).

Specific method references are as follows:

Analysis	*Method References*
PFAS	USEPA Method 537.1

The data have been validated according to the protocols and quality control (QC) requirements of the analytical method and the USEPA Data Review Guidelines as follows:

- USEPA Data Review and Validation Guidelines for Perfluoroalkyl Substances (PFAS) Analyzed Using EPA Method 537, November 2018;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Holding times and sample preservation
- Liquid Chromatography (LC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Method blank and field blank contamination
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Perfluorinated Alkyl Substances (PFAS)

Holding Times

- All samples were extracted within 14 days for soil and water samples and analyzed within 28 days except for the following. All results were qualified as estimated J/UJ.

EDS Sample	Date Collected	Date Extracted	# of Days	Qualifier
3RE	07/07/22	07/31/22	24	UJ
5RE	07/08/22	08/03/22	26	J/UJ
9RE	07/11/22	08/09/22	29	UJ
11RE	07/13/22	08/11/22	29	UJ

LC/MS Tuning

- All criteria were met.

Initial Calibration

- All relative standard deviation (%RSD) and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- All percent difference (%D) and RRF criteria were met.

Method Blank

- The following table lists method blank samples with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U).

Sample ID	Compound	Conc. ng/L	Qualifier	Affected Samples
410-276924/1-A	PFOS	0.813	U	3
410-277968/1-A	PFOS	0.582	U	5
410-281198/1-A	PFHxA	1.591	U	3RE
	PFOS	0.834		
	FOSA	0.538	None	Sample - ND
410-284342/1-A	PFHxA	0.734	U	9RE
	PFOA	0.639		

Field Blank

- The field blanks are summarized below.

Sample ID	Compound	Conc. ng/L	Qualifier	Affected Samples
TRC-EB-05	None - ND	-	-	-
TRC-EB-06	FOSA	0.51	None	All Associated ND
TRC-EB-07	PFOS	0.47	None	All Associated ND
TRC-EB-08	PFOS	0.59	None	All Associated ND

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples

- The LCS samples exhibited acceptable percent recoveries (%R).

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- EDS samples 3, 5, 9, and 11 were re-extracted outside of holding times due to blank contamination. Use the original analysis results for reporting purposes.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 8/25/22

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-261556-1

SDG No.:

Client Sample ID: TRC-SB-21 (1-4)
Lab Sample ID: 460-261556-1

Matrix: Solid
Lab File ID: 22JUL25-39.d

Analysis Method: 537 (Modified)
Date Collected: 07/07/2022 11:00

Extraction Method: SHAKE
Date Extracted: 07/14/2022 16:55

Sample wt/vol: 10.04(g)
Date Analyzed: 07/25/2022 13:05

Con. Extract Vol.: 20(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 21.2 % Solids: 78.8
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 279063
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.10	J	0.25	0.024
375-85-9	Perfluoroheptanoic acid	0.13	J	0.25	0.030
335-67-1	Perfluorooctanoic acid	0.78		0.25	0.028
375-95-1	Perfluorononanoic acid	0.046	J	0.25	0.029
335-76-2	Perfluorodecanoic acid	0.11	J	0.25	0.030
72629-94-8	Perfluorotridecanoic acid	0.25	U	0.25	0.027
376-06-7	Perfluorotetradecanoic acid	0.25	U	0.25	0.030
375-73-5	Perfluorobutanesulfonic acid	0.51	U	0.51	0.46
355-46-4	Perfluorohexanesulfonic acid	0.25	U	0.25	0.024
1763-23-1	Perfluorooctanesulfonic acid	1.05		0.25	0.044
2991-50-6	NEtFOSAA	0.25	U	0.25	0.028
2355-31-9	NMeFOSAA	0.25	U	0.25	0.039
375-92-8	Perfluoroheptanesulfonic acid	0.25	U	0.25	0.025
335-77-3	Perfluorodecanesulfonic acid	0.25	U	0.25	0.027
754-91-6	Perfluorooctanesulfonamide	0.25	U	0.25	0.027
375-22-4	Perfluorobutanoic acid	0.055	J	0.25	0.030
2058-94-8	Perfluoroundecanoic acid	0.25	U	0.25	0.071
307-55-1	Perfluorododecanoic acid	0.25	U	0.25	0.029
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.25	U	0.25	0.062
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.25	U	0.25	0.021
2706-90-3	Perfluoropentanoic acid	0.092	J	0.25	0.030

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-261556-1

SDG No.:

Client Sample ID: TRC-SB-21 (12-15)
Lab Sample ID: 460-261556-2

Matrix: Solid
Lab File ID: 22JUL25-40.d

Analysis Method: 537 (Modified)
Date Collected: 07/07/2022 11:45

Extraction Method: SHAKE
Date Extracted: 07/14/2022 16:55

Sample wt/vol: 10.02(g)
Date Analyzed: 07/25/2022 13:16

Con. Extract Vol.: 20(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 13.6 % Solids: 86.4
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 279063
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.23	U	0.23	0.022
375-85-9	Perfluoroheptanoic acid	0.23	U	0.23	0.028
335-67-1	Perfluorooctanoic acid	0.13	J	0.23	0.025
375-95-1	Perfluorononanoic acid	0.23	U	0.23	0.027
335-76-2	Perfluorodecanoic acid	0.23	U	0.23	0.028
72629-94-8	Perfluorotridecanoic acid	0.23	U	0.23	0.024
376-06-7	Perfluorotetradecanoic acid	0.23	U	0.23	0.028
375-73-5	Perfluorobutanesulfonic acid	0.46	U	0.46	0.42
355-46-4	Perfluorohexanesulfonic acid	0.23	U	0.23	0.022
1763-23-1	Perfluorooctanesulfonic acid	0.23	U	0.23	0.040
2991-50-6	NEtFOSAA	0.23	U	0.23	0.025
2355-31-9	NMeFOSAA	0.23	U	0.23	0.036
375-92-8	Perfluoroheptanesulfonic acid	0.23	U	0.23	0.023
335-77-3	Perfluorodecanesulfonic acid	0.23	U	0.23	0.024
754-91-6	Perfluorooctanesulfonamide	0.23	U	0.23	0.024
375-22-4	Perfluorobutanoic acid	0.23	U	0.23	0.028
2058-94-8	Perfluoroundecanoic acid	0.23	U	0.23	0.065
307-55-1	Perfluorododecanoic acid	0.23	U	0.23	0.027
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.23	U	0.23	0.057
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.23	U	0.23	0.020
2706-90-3	Perfluoropentanoic acid	0.23	U	0.23	0.028

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-261556-1

SDG No.:

Client Sample ID: TRC-EB-05
Lab Sample ID: 460-261556-3

Matrix: Water
Lab File ID: 22JUL21-86.d

Analysis Method: 537 IDA
Date Collected: 07/07/2022 13:00

Extraction Method: 537 IDA
Date Extracted: 07/19/2022 07:39

Sample wt/vol: 312.2(mL)
Date Analyzed: 07/22/2022 03:49

Con. Extract Vol.: 1(mL)
Dilution Factor: 1

Injection Volume: 4(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture:
% Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 278091
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	1.60	U	1.60	0.40
375-85-9	Perfluoroheptanoic acid	1.60	U	1.60	0.40
335-67-1	Perfluorooctanoic acid	1.60	U	1.60	0.40
375-95-1	Perfluorononanoic acid	1.60	U	1.60	0.40
335-76-2	Perfluorodecanoic acid	1.60	U	1.60	0.40
72629-94-8	Perfluorotridecanoic acid	1.60	U	1.60	0.40
376-06-7	Perfluorotetradecanoic acid	1.60	U	1.60	0.40
375-73-5	Perfluorobutanesulfonic acid	1.60	U	1.60	0.40
355-46-4	Perfluorohexanesulfonic acid	1.60	U	1.60	0.40
1763-23-1	Perfluorooctanesulfonic acid	1.60 ~~0.54~~ ~~J B~~ U		1.60	0.40
2991-50-6	NEtFOSAA	2.40	U	2.40	0.40
2355-31-9	NMeFOSAA	1.60	U	1.60	0.48
375-92-8	Perfluoroheptanesulfonic acid	1.60	U	1.60	0.40
335-77-3	Perfluorodecanesulfonic acid	1.60	U	1.60	0.40
754-91-6	Perfluorooctanesulfonamide	1.60	U	1.60	0.40
375-22-4	Perfluorobutanoic acid	4.00	U	4.00	1.60
2058-94-8	Perfluoroundecanoic acid	1.60	U	1.60	0.40
307-55-1	Perfluorododecanoic acid	1.60	U	1.60	0.40
27619-97-2	6:2 Fluorotelomer sulfonic acid	4.00	U	4.00	1.60
39108-34-4	8:2 Fluorotelomer sulfonic acid	2.40	U	2.40	0.80
2706-90-3	Perfluoropentanoic acid	1.60	U	1.60	0.40

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

3RE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-261556-1

SDG No.:

Client Sample ID: TRC-EB-05 RE
Lab Sample ID: 460-261556-3 RE

Matrix: Water
Lab File ID: 22AUG02-169.d

Analysis Method: 537 IDA
Date Collected: 07/07/2022 13:00

Extraction Method: 537 IDA
Date Extracted: 07/31/2022 10:55

Sample wt/vol: 302.3(mL)
Date Analyzed: 08/03/2022 09:46

Con. Extract Vol.: 1(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: % Solids:
GPC Cleanup: (Y/N) N

use original

Cleanup Factor:

Analysis Batch No.: 281285
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	1.65 ~~1.38~~	~~J H B~~ UJ	1.65	0.41
375-85-9	Perfluoroheptanoic acid	1.65	U H	1.65	0.41
335-67-1	Perfluorooctanoic acid	1.65	U H	1.65	0.41
375-95-1	Perfluorononanoic acid	1.65	U H	1.65	0.41
335-76-2	Perfluorodecanoic acid	1.65	U H	1.65	0.41
72629-94-8	Perfluorotridecanoic acid	1.65	U H	1.65	0.41
376-06-7	Perfluorotetradecanoic acid	1.65	U H	1.65	0.41
375-73-5	Perfluorobutanesulfonic acid	1.65	U H	1.65	0.41
355-46-4	Perfluorohexanesulfonic acid	1.65	U H	1.65	0.41
1763-23-1	Perfluorooctanesulfonic acid	1.65 ~~0.55~~	~~J H B~~ UJ	1.65	0.41
2991-50-6	NEtFOSAA	2.48	U H	2.48	0.41
2355-31-9	NMeFOSAA	1.65	U H	1.65	0.50
375-92-8	Perfluoroheptanesulfonic acid	1.65	U H	1.65	0.41
335-77-3	Perfluorodecanesulfonic acid	1.65	U H	1.65	0.41
754-91-6	Perfluorooctanesulfonamide	1.65	U H	1.65	0.41
375-22-4	Perfluorobutanoic acid	4.13	U H	4.13	1.65
2058-94-8	Perfluoroundecanoic acid	1.65	U H	1.65	0.41
307-55-1	Perfluorododecanoic acid	1.65	U H	1.65	0.41
27619-97-2	6:2 Fluorotelomer sulfonic acid	4.13	U H	4.13	1.65
39108-34-4	8:2 Fluorotelomer sulfonic acid	2.48	U H	2.48	0.83
2706-90-3	Perfluoropentanoic acid	1.65	U H	1.65	0.41

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-261556-1

SDG No.:

Client Sample ID: TRC-SB-21 (71-73)
Lab Sample ID: 460-261619-1

Matrix: Solid
Lab File ID: 22JUL25-41.d

Analysis Method: 537 (Modified)
Date Collected: 07/07/2022 16:45

Extraction Method: SHAKE
Date Extracted: 07/14/2022 16:55

Sample wt/vol: 10.01(g)
Date Analyzed: 07/25/2022 13:27

Con. Extract Vol.: 20(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 11.4 % Solids: 88.6
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 279063
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.23	U	0.23	0.021
375-85-9	Perfluoroheptanoic acid	0.23	U	0.23	0.027
335-67-1	Perfluorooctanoic acid	0.23	U	0.23	0.025
375-95-1	Perfluorononanoic acid	0.23	U	0.23	0.026
335-76-2	Perfluorodecanoic acid	0.23	U	0.23	0.027
72629-94-8	Perfluorotridecanoic acid	0.23	U	0.23	0.024
376-06-7	Perfluorotetradecanoic acid	0.23	U	0.23	0.027
375-73-5	Perfluorobutanesulfonic acid	0.45	U	0.45	0.41
355-46-4	Perfluorohexanesulfonic acid	0.23	U	0.23	0.021
1763-23-1	Perfluorooctanesulfonic acid	0.23	U	0.23	0.039
2991-50-6	NEtFOSAA	0.23	U	0.23	0.025
2355-31-9	NMeFOSAA	0.23	U	0.23	0.035
375-92-8	Perfluoroheptanesulfonic acid	0.23	U	0.23	0.023
335-77-3	Perfluorodecanesulfonic acid	0.23	U	0.23	0.024
754-91-6	Perfluorooctanesulfonamide	0.23	U	0.23	0.024
375-22-4	Perfluorobutanoic acid	0.23	U	0.23	0.027
2058-94-8	Perfluoroundecanoic acid	0.23	U	0.23	0.063
307-55-1	Perfluorododecanoic acid	0.23	U	0.23	0.026
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.23	U	0.23	0.055
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.23	U	0.23	0.019
2706-90-3	Perfluoropentanoic acid	0.23	U	0.23	0.027

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

5

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-261556-1

SDG No.:

Client Sample ID: TRC-EB-06 Lab Sample ID: 460-261619-2

Matrix: Water Lab File ID: 22JUL28-117.d

Analysis Method: 537 IDA Date Collected: 07/08/2022 12:00

Extraction Method: 537 IDA Date Extracted: 07/21/2022 08:51

Sample wt/vol: 297.4(mL) Date Analyzed: 07/29/2022 09:53

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 280495 Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	1.68	U	1.68	0.42
375-85-9	Perfluoroheptanoic acid	1.68	U	1.68	0.42
335-67-1	Perfluorooctanoic acid	1.68	U	1.68	0.42
375-95-1	Perfluorononanoic acid	1.68	U	1.68	0.42
335-76-2	Perfluorodecanoic acid	1.68	U	1.68	0.42
72629-94-8	Perfluorotridecanoic acid	1.68	U	1.68	0.42
376-06-7	Perfluorotetradecanoic acid	1.68	U	1.68	0.42
375-73-5	Perfluorobutanesulfonic acid	1.68	U	1.68	0.42
355-46-4	Perfluorohexanesulfonic acid	1.68	U	1.68	0.42
1763-23-1	Perfluorooctanesulfonic acid	1.68 ~~0.68~~	~~J B~~ U	1.68	0.42
2991-50-6	NEtFOSAA	2.52	U	2.52	0.42
2355-31-9	NMeFOSAA	1.68	U	1.68	0.50
375-92-8	Perfluoroheptanesulfonic acid	1.68	U	1.68	0.42
335-77-3	Perfluorodecanesulfonic acid	1.68	U	1.68	0.42
754-91-6	Perfluorooctanesulfonamide	0.51	J	1.68	0.42
375-22-4	Perfluorobutanoic acid	4.20	U	4.20	1.68
2058-94-8	Perfluoroundecanoic acid	1.68	U	1.68	0.42
307-55-1	Perfluorododecanoic acid	1.68	U	1.68	0.42
27619-97-2	6:2 Fluorotelomer sulfonic acid	4.20	U	4.20	1.68
39108-34-4	8:2 Fluorotelomer sulfonic acid	2.52	U	2.52	0.84
2706-90-3	Perfluoropentanoic acid	1.68	U	1.68	0.42

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

5RE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-261556-1

SDG No.:

Client Sample ID: TRC-EB-06 RE
Lab Sample ID: 460-261619-2 RE

Matrix: Water
Lab File ID: 22AUG04-67.d

Analysis Method: 537 IDA
Date Collected: 07/08/2022 12:00

Extraction Method: 537 IDA
Date Extracted: 08/03/2022 15:09

Sample wt/vol: 294.5(mL)
Date Analyzed: 08/04/2022 22:45

Con. Extract Vol.: 1(mL)
Dilution Factor: 1

Injection Volume: 4(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

use original

Cleanup Factor:

Analysis Batch No.: 282843
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.89	J H J	1.70	0.42
375-85-9	Perfluoroheptanoic acid	1.70	U H UJ	1.70	0.42
335-67-1	Perfluorooctanoic acid	1.70	U H	1.70	0.42
375-95-1	Perfluorononanoic acid	1.70	U H	1.70	0.42
335-76-2	Perfluorodecanoic acid	1.70	U H	1.70	0.42
72629-94-8	Perfluorotridecanoic acid	1.70	U H	1.70	0.42
376-06-7	Perfluorotetradecanoic acid	1.70	U H	1.70	0.42
375-73-5	Perfluorobutanesulfonic acid	1.70	U H	1.70	0.42
355-46-4	Perfluorohexanesulfonic acid	1.70	U H	1.70	0.42
1763-23-1	Perfluorooctanesulfonic acid	0.43	J H J	1.70	0.42
2991-50-6	NEtFOSAA	2.55	U H UJ	2.55	0.42
2355-31-9	NMeFOSAA	1.70	U H	1.70	0.51
375-92-8	Perfluoroheptanesulfonic acid	1.70	U H	1.70	0.42
335-77-3	Perfluorodecanesulfonic acid	1.70	U H	1.70	0.42
754-91-6	Perfluorooctanesulfonamide	1.70	U H	1.70	0.42
375-22-4	Perfluorobutanoic acid	4.24	U H	4.24	1.70
2058-94-8	Perfluoroundecanoic acid	1.70	U H	1.70	0.42
307-55-1	Perfluorododecanoic acid	1.70	U H	1.70	0.42
27619-97-2	6:2 Fluorotelomer sulfonic acid	4.24	U H	4.24	1.70
39108-34-4	8:2 Fluorotelomer sulfonic acid	2.55	U H	2.55	0.85
2706-90-3	Perfluoropentanoic acid	1.70	U H	1.70	0.42

MW 8/24/22

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

6

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-261556-1

SDG No.:

Client Sample ID: TRC-SB-15 (1-4)
Lab Sample ID: 460-261747-1

Matrix: Solid
Lab File ID: 22JUL25-42.d

Analysis Method: 537 (Modified)
Date Collected: 07/11/2022 09:19

Extraction Method: SHAKE
Date Extracted: 07/14/2022 16:55

Sample wt/vol: 10.02(g)
Date Analyzed: 07/25/2022 13:38

Con. Extract Vol.: 20(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 11.9 % Solids: 88.1
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 279063
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.024	J	0.23	0.022
375-85-9	Perfluoroheptanoic acid	0.23	U	0.23	0.027
335-67-1	Perfluorooctanoic acid	0.066	J	0.23	0.025
375-95-1	Perfluorononanoic acid	0.032	J	0.23	0.026
335-76-2	Perfluorodecanoic acid	0.081	J	0.23	0.027
72629-94-8	Perfluorotridecanoic acid	0.23	U	0.23	0.024
376-06-7	Perfluorotetradecanoic acid	0.23	U	0.23	0.027
375-73-5	Perfluorobutanesulfonic acid	0.45	U	0.45	0.41
355-46-4	Perfluorohexanesulfonic acid	0.23	U	0.23	0.022
1763-23-1	Perfluorooctanesulfonic acid	0.79		0.23	0.040
2991-50-6	NEtFOSAA	0.23	U	0.23	0.025
2355-31-9	NMeFOSAA	0.23	U	0.23	0.035
375-92-8	Perfluoroheptanesulfonic acid	0.23	U	0.23	0.023
335-77-3	Perfluorodecanesulfonic acid	0.11	J	0.23	0.024
754-91-6	Perfluorooctanesulfonamide	0.23	U	0.23	0.024
375-22-4	Perfluorobutanoic acid	0.23	U	0.23	0.027
2058-94-8	Perfluoroundecanoic acid	0.12	J	0.23	0.063
307-55-1	Perfluorododecanoic acid	0.043	J	0.23	0.026
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.23	U	0.23	0.056
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.23	U	0.23	0.019
2706-90-3	Perfluoropentanoic acid	0.23	U	0.23	0.027

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

7

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-261556-1

SDG No.:

Client Sample ID: TRC-SB-15 (12-15)
Lab Sample ID: 460-261747-2

Matrix: Solid
Lab File ID: 22JUL31-51.d

Analysis Method: 537 (Modified)
Date Collected: 07/11/2022 10:09

Extraction Method: SHAKE
Date Extracted: 07/14/2022 16:55

Sample wt/vol: 10.10(g)
Date Analyzed: 08/01/2022 03:13

Con. Extract Vol.: 20(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 12.0 % Solids: 88.0
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 281237
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.23	U	0.23	0.021
375-85-9	Perfluoroheptanoic acid	0.23	U	0.23	0.027
335-67-1	Perfluorooctanoic acid	0.097	J	0.23	0.025
375-95-1	Perfluorononanoic acid	0.23	U	0.23	0.026
335-76-2	Perfluorodecanoic acid	0.23	U	0.23	0.027
72629-94-8	Perfluorotridecanoic acid	0.23	U	0.23	0.024
376-06-7	Perfluorotetradecanoic acid	0.23	U	0.23	0.027
375-73-5	Perfluorobutanesulfonic acid	0.45	U	0.45	0.41
355-46-4	Perfluorohexanesulfonic acid	0.23	U	0.23	0.021
1763-23-1	Perfluorooctanesulfonic acid	0.23	U	0.23	0.039
2991-50-6	NEtFOSAA	0.23	U	0.23	0.025
2355-31-9	NMeFOSAA	0.23	U	0.23	0.035
375-92-8	Perfluoroheptanesulfonic acid	0.23	U	0.23	0.023
335-77-3	Perfluorodecanesulfonic acid	0.23	U	0.23	0.024
754-91-6	Perfluorooctanesulfonamide	0.23	U	0.23	0.024
375-22-4	Perfluorobutanoic acid	0.23	U	0.23	0.027
2058-94-8	Perfluoroundecanoic acid	0.23	U	0.23	0.063
307-55-1	Perfluorododecanoic acid	0.23	U	0.23	0.026
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.23	U	0.23	0.055
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.23	U	0.23	0.019
2706-90-3	Perfluoropentanoic acid	0.23	U	0.23	0.027

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

8

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-261556-1

SDG No.:

Client Sample ID: TRC-SB-15 (73-75)
Lab Sample ID: 460-261747-3

Matrix: Solid
Lab File ID: 22JUL25-44.d

Analysis Method: 537 (Modified)
Date Collected: 07/11/2022 14:17

Extraction Method: SHAKE
Date Extracted: 07/14/2022 16:55

Sample wt/vol: 10.08(g)
Date Analyzed: 07/25/2022 14:00

Con. Extract Vol.: 20(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 14.8 % Solids: 85.2
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 279063
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.23	U	0.23	0.022
375-85-9	Perfluoroheptanoic acid	0.23	U	0.23	0.028
335-67-1	Perfluorooctanoic acid	0.23	U	0.23	0.026
375-95-1	Perfluorononanoic acid	0.23	U	0.23	0.027
335-76-2	Perfluorodecanoic acid	0.23	U	0.23	0.028
72629-94-8	Perfluorotridecanoic acid	0.23	U	0.23	0.024
376-06-7	Perfluorotetradecanoic acid	0.23	U	0.23	0.028
375-73-5	Perfluorobutanesulfonic acid	0.47	U	0.47	0.42
355-46-4	Perfluorohexanesulfonic acid	0.23	U	0.23	0.022
1763-23-1	Perfluorooctanesulfonic acid	0.23	U	0.23	0.041
2991-50-6	NEtFOSAA	0.23	U	0.23	0.026
2355-31-9	NMeFOSAA	0.23	U	0.23	0.036
375-92-8	Perfluoroheptanesulfonic acid	0.23	U	0.23	0.023
335-77-3	Perfluorodecanesulfonic acid	0.23	U	0.23	0.024
754-91-6	Perfluorooctanesulfonamide	0.23	U	0.23	0.024
375-22-4	Perfluorobutanoic acid	0.23	U	0.23	0.028
2058-94-8	Perfluoroundecanoic acid	0.23	U	0.23	0.065
307-55-1	Perfluorododecanoic acid	0.23	U	0.23	0.027
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.23	U	0.23	0.057
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.23	U	0.23	0.020
2706-90-3	Perfluoropentanoic acid	0.23	U	0.23	0.028

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

9

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-261556-1

SDG No.:

Client Sample ID: TRC-EB-07
Lab Sample ID: 460-261747-4

Matrix: Water
Lab File ID: 22AUG05-22.d

Analysis Method: 537 IDA
Date Collected: 07/11/2022 13:30

Extraction Method: 537 IDA
Date Extracted: 07/22/2022 21:06

Sample wt/vol: 273.8(mL)
Date Analyzed: 08/05/2022 15:58

Con. Extract Vol.: 1(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture:
% Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 283236
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	1.83	U	1.83	0.46
375-85-9	Perfluoroheptanoic acid	1.83	U	1.83	0.46
335-67-1	Perfluorooctanoic acid	1.83	U	1.83	0.46
375-95-1	Perfluorononanoic acid	1.83	U	1.83	0.46
335-76-2	Perfluorodecanoic acid	1.83	U	1.83	0.46
72629-94-8	Perfluorotridecanoic acid	1.83	U	1.83	0.46
376-06-7	Perfluorotetradecanoic acid	1.83	U	1.83	0.46
375-73-5	Perfluorobutanesulfonic acid	1.83	U	1.83	0.46
355-46-4	Perfluorohexanesulfonic acid	1.83	U	1.83	0.46
1763-23-1	Perfluorooctanesulfonic acid	0.47	J	1.83	0.46
2991-50-6	NEtFOSAA	2.74	U	2.74	0.46
2355-31-9	NMeFOSAA	1.83	U	1.83	0.55
375-92-8	Perfluoroheptanesulfonic acid	1.83	U	1.83	0.46
335-77-3	Perfluorodecanesulfonic acid	1.83	U	1.83	0.46
754-91-6	Perfluorooctanesulfonamide	1.83	U	1.83	0.46
375-22-4	Perfluorobutanoic acid	4.57	U	4.57	1.83
2058-94-8	Perfluoroundecanoic acid	1.83	U	1.83	0.46
307-55-1	Perfluorododecanoic acid	1.83	U	1.83	0.46
27619-97-2	6:2 Fluorotelomer sulfonic acid	4.57	U	4.57	1.83
39108-34-4	8:2 Fluorotelomer sulfonic acid	2.74	U	2.74	0.91
2706-90-3	Perfluoropentanoic acid	1.83	U	1.83	0.46

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

RE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-261556-1

SDG No.:

Client Sample ID: TRC-EB-07 RE Lab Sample ID: 460-261747-4 RE

Matrix: Water Lab File ID: 22AUG12-37.d

Analysis Method: 537 IDA Date Collected: 07/11/2022 13:30

Extraction Method: 537 IDA Date Extracted: 08/09/2022 17:22

Sample wt/vol: 287.4(mL) Date Analyzed: 08/12/2022 16:24

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 4(uL) GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N use original

Cleanup Factor:

Analysis Batch No.: 285579 Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	1.74 ~~0.64~~	~~J H B~~ UJ	1.74	0.43
375-85-9	Perfluoroheptanoic acid	1.74	~~U H~~ UJ	1.74	0.43
335-67-1	Perfluorooctanoic acid	1.74 ~~0.57~~	~~J H B~~ UJ	1.74	0.43
375-95-1	Perfluorononanoic acid	1.74	U H	1.74	0.43
335-76-2	Perfluorodecanoic acid	1.74	U H	1.74	0.43
72629-94-8	Perfluorotridecanoic acid	1.74	U H	1.74	0.43
376-06-7	Perfluorotetradecanoic acid	1.74	U H	1.74	0.43
375-73-5	Perfluorobutanesulfonic acid	1.74	U H	1.74	0.43
355-46-4	Perfluorohexanesulfonic acid	1.74	U H	1.74	0.43
1763-23-1	Perfluorooctanesulfonic acid	1.74	U H	1.74	0.43
2991-50-6	NEtFOSAA	2.61	U H	2.61	0.43
2355-31-9	NMeFOSAA	1.74	U H	1.74	0.52
375-92-8	Perfluoroheptanesulfonic acid	1.74	U H	1.74	0.43
335-77-3	Perfluorodecanesulfonic acid	1.74	U H	1.74	0.43
754-91-6	Perfluorooctanesulfonamide	1.74	U H	1.74	0.43
375-22-4	Perfluorobutanoic acid	4.35	U H	4.35	1.74
2058-94-8	Perfluoroundecanoic acid	1.74	U H	1.74	0.43
307-55-1	Perfluorododecanoic acid	1.74	U H	1.74	0.43
27619-97-2	6:2 Fluorotelomer sulfonic acid	4.35	U H	4.35	1.74
39108-34-4	8:2 Fluorotelomer sulfonic acid	2.61	U H	2.61	0.87
2706-90-3	Perfluoropentanoic acid	1.74	U H	1.74	0.43

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

10

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-261556-1

SDG No.:

Client Sample ID: TRC-SB-14 (73-75)
Lab Sample ID: 460-261888-1

Matrix: Solid
Lab File ID: 22JUL25-55.d

Analysis Method: 537 (Modified)
Date Collected: 07/13/2022 10:45

Extraction Method: SHAKE
Date Extracted: 07/20/2022 20:49

Sample wt/vol: 9.96(g)
Date Analyzed: 07/25/2022 16:02

Con. Extract Vol.: 20(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 20.8 % Solids: 79.2
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 279063
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.25	U	0.25	0.024
375-85-9	Perfluoroheptanoic acid	0.25	U	0.25	0.030
335-67-1	Perfluorooctanoic acid	0.25	U	0.25	0.028
375-95-1	Perfluorononanoic acid	0.25	U	0.25	0.029
335-76-2	Perfluorodecanoic acid	0.25	U	0.25	0.030
72629-94-8	Perfluorotridecanoic acid	0.25	U	0.25	0.027
376-06-7	Perfluorotetradecanoic acid	0.25	U	0.25	0.030
375-73-5	Perfluorobutanesulfonic acid	0.51	U	0.51	0.46
355-46-4	Perfluorohexanesulfonic acid	0.25	U	0.25	0.024
1763-23-1	Perfluorooctanesulfonic acid	0.25	U	0.25	0.044
2991-50-6	NEtFOSAA	0.25	U	0.25	0.028
2355-31-9	NMeFOSAA	0.25	U	0.25	0.039
375-92-8	Perfluoroheptanesulfonic acid	0.25	U	0.25	0.025
335-77-3	Perfluorodecanesulfonic acid	0.25	U	0.25	0.027
754-91-6	Perfluorooctanesulfonamide	0.25	U	0.25	0.027
375-22-4	Perfluorobutanoic acid	0.25	U	0.25	0.030
2058-94-8	Perfluoroundecanoic acid	0.25	U	0.25	0.071
307-55-1	Perfluorododecanoic acid	0.25	U	0.25	0.029
27619-97-2	6:2 Fluorotelomer sulfonic acid	0.25	U	0.25	0.062
39108-34-4	8:2 Fluorotelomer sulfonic acid	0.25	U	0.25	0.022
2706-90-3	Perfluoropentanoic acid	0.25	U	0.25	0.030

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

11

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-261556-1

SDG No.:

Client Sample ID: TRC-EB-08
Lab Sample ID: 460-261888-2

Matrix: Water
Lab File ID: 22AUG10-57.d

Analysis Method: 537 IDA
Date Collected: 07/13/2022 08:20

Extraction Method: 537 IDA
Date Extracted: 07/26/2022 09:38

Sample wt/vol: 286.7(mL)
Date Analyzed: 08/10/2022 20:28

Con. Extract Vol.: 1(mL)
Dilution Factor: 1

Injection Volume: 3(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture:
% Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 284554
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	1.74	U	1.74	0.44
375-85-9	Perfluoroheptanoic acid	1.74	U	1.74	0.44
335-67-1	Perfluorooctanoic acid	1.74	U	1.74	0.44
375-95-1	Perfluorononanoic acid	1.74	U	1.74	0.44
335-76-2	Perfluorodecanoic acid	1.74	U	1.74	0.44
72629-94-8	Perfluorotridecanoic acid	1.74	U	1.74	0.44
376-06-7	Perfluorotetradecanoic acid	1.74	U	1.74	0.44
375-73-5	Perfluorobutanesulfonic acid	1.74	U	1.74	0.44
355-46-4	Perfluorohexanesulfonic acid	1.74	U	1.74	0.44
1763-23-1	Perfluorooctanesulfonic acid	0.59	J	1.74	0.44
2991-50-6	NEtFOSAA	2.62	U	2.62	0.44
2355-31-9	NMeFOSAA	1.74	U	1.74	0.52
375-92-8	Perfluoroheptanesulfonic acid	1.74	U	1.74	0.44
335-77-3	Perfluorodecanesulfonic acid	1.74	U	1.74	0.44
754-91-6	Perfluorooctanesulfonamide	1.74	U	1.74	0.44
375-22-4	Perfluorobutanoic acid	4.36	U	4.36	1.74
2058-94-8	Perfluoroundecanoic acid	1.74	U	1.74	0.44
307-55-1	Perfluorododecanoic acid	1.74	U	1.74	0.44
27619-97-2	6:2 Fluorotelomer sulfonic acid	4.36	U	4.36	1.74
39108-34-4	8:2 Fluorotelomer sulfonic acid	2.62	U	2.62	0.87
2706-90-3	Perfluoropentanoic acid	1.74	U	1.74	0.44

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

11RE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-261556-1

SDG No.:

Client Sample ID: TRC-EB-08 RE
Lab Sample ID: 460-261888-2 RE

Matrix: Water
Lab File ID: 22AUG15-62.d

Analysis Method: 537 IDA
Date Collected: 07/13/2022 08:20

Extraction Method: 537 IDA
Date Extracted: 08/11/2022 16:14

Sample wt/vol: 297.3(mL)
Date Analyzed: 08/15/2022 18:48

Con. Extract Vol.: 1(mL)
Dilution Factor: 1

Injection Volume: 4(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture:
% Solids:
GPC Cleanup:(Y/N) N

use original

Cleanup Factor:

Analysis Batch No.: 285999
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	1.68	U H UJ	1.68	0.42
375-85-9	Perfluoroheptanoic acid	1.68	U H	1.68	0.42
335-67-1	Perfluorooctanoic acid	1.68	U H	1.68	0.42
375-95-1	Perfluorononanoic acid	1.68	U H	1.68	0.42
335-76-2	Perfluorodecanoic acid	1.68	U H	1.68	0.42
72629-94-8	Perfluorotridecanoic acid	1.68	U H	1.68	0.42
376-06-7	Perfluorotetradecanoic acid	1.68	U H	1.68	0.42
375-73-5	Perfluorobutanesulfonic acid	1.68	U H	1.68	0.42
355-46-4	Perfluorohexanesulfonic acid	1.68	U H	1.68	0.42
1763-23-1	Perfluorooctanesulfonic acid	1.68	U H	1.68	0.42
2991-50-6	NEtFOSAA	2.52	U H	2.52	0.42
2355-31-9	NMeFOSAA	1.68	U H	1.68	0.50
375-92-8	Perfluoroheptanesulfonic acid	1.68	U H	1.68	0.42
335-77-3	Perfluorodecanesulfonic acid	1.68	U H	1.68	0.42
754-91-6	Perfluorooctanesulfonamide	1.68	U H	1.68	0.42
375-22-4	Perfluorobutanoic acid	4.20	U H	4.20	1.68
2058-94-8	Perfluoroundecanoic acid	1.68	U H	1.68	0.42
307-55-1	Perfluorododecanoic acid	1.68	U H	1.68	0.42
27619-97-2	6:2 Fluorotelomer sulfonic acid	4.20	U H	4.20	1.68
39108-34-4	8:2 Fluorotelomer sulfonic acid	2.52	U H	2.52	0.84
2706-90-3	Perfluoropentanoic acid	1.68	U H	1.68	0.42

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
NYSCA-PROPOSED PUBLIC SCHOOL K20F, NEW YORK

Client: TRC Engineering, Inc., New York, New York
SDG: 460-262307-1
Laboratory: Eurofins Test America, Edison, New Jersey and Lancaster, Pennsylvania
Site: NYSCA-Proposed Public School K20F, New York
Date: August 24, 2022

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	TRC-GW-04	460-262307-1	Water
2	TRC-GW-14	460-262307-2	Water
2RE	TRC-GW-14RE	460-262307-2RE	Water
3	TRC-GW-15	460-262307-3	Water
4	TRC-GW-21	460-262307-4	Water
5	TRC-GW-DUP	460-262307-5	Water
5RE	TRC-GW-DUPRE	460-262307-5RE	Water
6	TRC-EB-07202022	460-262307-6	Water
6RE	TRC-EB-07202022RE	460-262307-6RE	Water

A Data Usability Summary Review was performed on the analytical data for five water samples and one aqueous equipment blank sample collected on July 20, 2022 by TRC at the NYSCA-Proposed Public School K20F in New York. The samples were analyzed under the USEPA Method for the Determination of Selected Per- and Polyfluorinated Alkyl Substances in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS).

Specific method references are as follows:

Analysis	*Method References*
PFAS	USEPA Method 537.1

The data have been validated according to the protocols and quality control (QC) requirements of the analytical method and the USEPA Data Review Guidelines as follows:

- USEPA Data Review and Validation Guidelines for Perfluoroalkyl Substances (PFAS) Analyzed Using EPA Method 537, November 2018;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Holding times and sample preservation
- Liquid Chromatography (LC)/Mass Spectroscopy (MS) tuning

- Initial and continuing calibration summaries
- Method blank and field blank contamination
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Perfluorinated Alkyl Substances (PFAS)

Holding Times

- All samples were extracted within 14 days for water samples and analyzed within 28 days except for the following. All results were qualified as estimated J/UJ.

EDS Sample	Date Collected	Date Extracted	# of Days	Qualifier
2RE	07/20/22	08/11/22	22	J/UJ
5RE	07/20/22	08/11/22	22	J/UJ
9RE	07/20/22	08/11/22	22	J/UJ

LC/MS Tuning

- All criteria were met.

Initial Calibration

- All relative standard deviation (%RSD) and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- All percent difference (%D) and RRF criteria were met.

Method Blank

- The following table lists method blank samples with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U).

Sample ID	Compound	Conc. ng/L	Qualifier	Affected Samples
410-281378/1-A	PFHxA	0.578	U	6
	PFOS	0.521	None	All Associated ND

Field Blank

- The field blanks are summarized below.

Sample ID	Compound	Conc. ng/L	Qualifier	Affected Samples
TRC-EB-07202022	None - ND	-	-	-

Surrogate Spike Recoveries

- The following table presents surrogate percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

Sample ID	Surrogate	%R	Qualifier
2	M2-6:2 FTS	210%	J
2RE	M2-6:2 FTS	220%	None - See HT
5	M2-6:2 FTS	230%	J
5RE	M2-6:2 FTS	252%	None - See HT
	13C3 PFBS	213%	

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples

- The LCS samples exhibited acceptable percent recoveries (%R).

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- EDS samples 2, 5, and 6 were re-extracted outside of holding times to confirm surrogate and/or method blank deficiencies with similar results. Use original results for reporting purposes.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	TRC-GW-14 ng/L	TRC-GW-DUP ng/L	RPD	Qualifier
PFHxA	14.8	14.5	2%	None
PFHpA	16.2	15.5	4%	
PFOA	1.44	1.48	3%	
PFBS	10.2	9.27	10%	
PFHxS	6.25	6.07	3%	
PFBA	6.16	6.04	2%	
6:2 FTS	4.39	3.76	15%	
PFPeA	11.3	12.1	7%	

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 8/25/22

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-262307-1

SDG No.:

Client Sample ID: TRC-GW-04 Lab Sample ID: 460-262307-1

Matrix: Water Lab File ID: 22AUG05-49.d

Analysis Method: 537 IDA Date Collected: 07/20/2022 09:45

Extraction Method: 537 IDA Date Extracted: 08/01/2022 08:40

Sample wt/vol: 302.4(mL) Date Analyzed: 08/06/2022 18:16

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 283338 Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	8.40	B	1.65	0.41
375-85-9	Perfluoroheptanoic acid	9.40		1.65	0.41
335-67-1	Perfluorooctanoic acid	1.17	J	1.65	0.41
375-95-1	Perfluorononanoic acid	1.65	U	1.65	0.41
335-76-2	Perfluorodecanoic acid	1.65	U	1.65	0.41
72629-94-8	Perfluorotridecanoic acid	1.65	U	1.65	0.41
376-06-7	Perfluorotetradecanoic acid	1.65	U	1.65	0.41
375-73-5	Perfluorobutanesulfonic acid	4.23		1.65	0.41
355-46-4	Perfluorohexanesulfonic acid	1.72		1.65	0.41
1763-23-1	Perfluorooctanesulfonic acid	1.65	U	1.65	0.41
2991-50-6	NEtFOSAA	2.48	U	2.48	0.41
2355-31-9	NMeFOSAA	1.65	U	1.65	0.50
375-92-8	Perfluoroheptanesulfonic acid	1.65	U	1.65	0.41
335-77-3	Perfluorodecanesulfonic acid	1.65	U	1.65	0.41
754-91-6	Perfluorooctanesulfonamide	1.65	U	1.65	0.41
375-22-4	Perfluorobutanoic acid	7.35		4.13	1.65
2058-94-8	Perfluoroundecanoic acid	1.65	U	1.65	0.41
307-55-1	Perfluorododecanoic acid	1.65	U	1.65	0.41
27619-97-2	6:2 Fluorotelomer sulfonic acid	7.93		4.13	1.65
39108-34-4	8:2 Fluorotelomer sulfonic acid	2.48	U	2.48	0.83
2706-90-3	Perfluoropentanoic acid	14.1		1.65	0.41

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-262307-1

SDG No.:

Client Sample ID: TRC-GW-14 Lab Sample ID: 460-262307-2

Matrix: Water Lab File ID: 22AUG05-51.d

Analysis Method: 537 IDA Date Collected: 07/20/2022 11:30

Extraction Method: 537 IDA Date Extracted: 08/01/2022 08:40

Sample wt/vol: 297.9(mL) Date Analyzed: 08/06/2022 18:38

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 283338 Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	14.8	B	1.68	0.42
375-85-9	Perfluoroheptanoic acid	16.2		1.68	0.42
335-67-1	Perfluorooctanoic acid	1.44	J	1.68	0.42
375-95-1	Perfluorononanoic acid	1.68	U	1.68	0.42
335-76-2	Perfluorodecanoic acid	1.68	U	1.68	0.42
72629 94 8	Perfluorotridecanoic acid	1.68	U	1.68	0.42
376-06-7	Perfluorotetradecanoic acid	1.68	U	1.68	0.42
375-73-5	Perfluorobutanesulfonic acid	10.2		1.68	0.42
355-46-4	Perfluorohexanesulfonic acid	6.25		1.68	0.42
1763-23-1	Perfluorooctanesulfonic acid	1.68	U	1.68	0.42
2991-50-6	NEtFOSAA	2.52	U	2.52	0.42
2355-31-9	NMeFOSAA	1.68	U	1.68	0.50
375-92-8	Perfluoroheptanesulfonic acid	1.68	U	1.68	0.42
335-77-3	Perfluorodecanesulfonic acid	1.68	U	1.68	0.42
754-91-6	Perfluorooctanesulfonamide	1.68	U	1.68	0.42
375-22-4	Perfluorobutanoic acid	6.16		4.20	1.68
2058-94-8	Perfluoroundecanoic acid	1.68	U	1.68	0.42
307-55-1	Perfluorododecanoic acid	1.68	U	1.68	0.42
27619-97-2	6:2 Fluorotelomer sulfonic acid	4.39	J	4.20	1.68
39108-34-4	8:2 Fluorotelomer sulfonic acid	2.52	U	2.52	0.84
2706-90-3	Perfluoropentanoic acid	11.3		1.68	0.42

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

2RE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-262307-1

SDG No.:

Client Sample ID: TRC-GW-14 RE
Lab Sample ID: 460-262307-2 RE

Matrix: Water
Lab File ID: 22AUG15-63.d

Analysis Method: 537 IDA
Date Collected: 07/20/2022 11:30

Extraction Method: 537 IDA
Date Extracted: 08/11/2022 16:14

Sample wt/vol: 298.1(mL)
Date Analyzed: 08/15/2022 18:59

Con. Extract Vol.: 1(mL)
Dilution Factor: 1

Injection Volume: 4(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 285999
Units: ng/L

use original

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	16.0	H J	1.68	0.42
375-85-9	Perfluoroheptanoic acid	18.7	H	1.68	0.42
335-67-1	Perfluorooctanoic acid	1.36	J H	1.68	0.42
375-95-1	Perfluorononanoic acid	1.68	U H UJ	1.68	0.42
335-76-2	Perfluorodecanoic acid	1.68	U H	1.68	0.42
72629-94-8	Perfluorotridecanoic acid	1.68	U H	1.68	0.42
376-06-7	Perfluorotetradecanoic acid	1.68	U H	1.68	0.42
375-73-5	Perfluorobutanesulfonic acid	9.14	H J	1.68	0.42
355-46-4	Perfluorohexanesulfonic acid	6.42	H J	1.68	0.42
1763-23-1	Perfluorooctanesulfonic acid	1.68	U H UJ	1.68	0.42
2991-50-6	NEtFOSAA	2.52	U H	2.52	0.42
2355-31-9	NMeFOSAA	1.68	U H	1.68	0.50
375-92-8	Perfluoroheptanesulfonic acid	1.68	U H	1.68	0.42
335-77-3	Perfluorodecanesulfonic acid	1.68	U H	1.68	0.42
754-91-6	Perfluorooctanesulfonamide	1.68	U H	1.68	0.42
375-22-4	Perfluorobutanoic acid	7.84	H J	4.19	1.68
2058-94-8	Perfluoroundecanoic acid	1.68	U H UJ	1.68	0.42
307-55-1	Perfluorododecanoic acid	1.68	U H UJ	1.68	0.42
27619-97-2	6:2 Fluorotelomer sulfonic acid	4.15	J H J	4.19	1.68
39108-34-4	8:2 Fluorotelomer sulfonic acid	2.52	U H UJ	2.52	0.84
2706-90-3	Perfluoropentanoic acid	12.4	H J	1.68	0.42

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-262307-1

SDG No.:

Client Sample ID: TRC-GW-15
Lab Sample ID: 460-262307-3

Matrix: Water
Lab File ID: 22AUG05-52.d

Analysis Method: 537 IDA
Date Collected: 07/20/2022 13:40

Extraction Method: 537 IDA
Date Extracted: 08/01/2022 08:40

Sample wt/vol: 304.4(mL)
Date Analyzed: 08/06/2022 18:49

Con. Extract Vol.: 1(mL)
Dilution Factor: 1

Injection Volume: 5(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture:
% Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 283338
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	9.55	B	1.64	0.41
375-85-9	Perfluoroheptanoic acid	9.33		1.64	0.41
335-67-1	Perfluorooctanoic acid	14.0		1.64	0.41
375-95-1	Perfluorononanoic acid	1.64	U	1.64	0.41
335-76-2	Perfluorodecanoic acid	1.64	U	1.64	0.41
72629-94-8	Perfluorotridecanoic acid	1.64	U	1.64	0.41
376-06-7	Perfluorotetradecanoic acid	1.64	U	1.64	0.41
375-73-5	Perfluorobutanesulfonic acid	14.5		1.64	0.41
355-46-4	Perfluorohexanesulfonic acid	7.93		1.64	0.41
1763-23-1	Perfluorooctanesulfonic acid	1.64	U	1.64	0.41
2991-50-6	NEtFOSAA	2.46	U	2.46	0.41
2355-31-9	NMeFOSAA	1.64	U	1.64	0.49
375-92-8	Perfluoroheptanesulfonic acid	1.64	U	1.64	0.41
335-77-3	Perfluorodecanesulfonic acid	1.64	U	1.64	0.41
754-91-6	Perfluorooctanesulfonamide	1.64	U	1.64	0.41
375-22-4	Perfluorobutanoic acid	5.58		4.11	1.64
2058-94-8	Perfluoroundecanoic acid	1.64	U	1.64	0.41
307-55-1	Perfluorododecanoic acid	1.64	U	1.64	0.41
27619-97-2	6:2 Fluorotelomer sulfonic acid	4.11	U	4.11	1.64
39108-34-4	8:2 Fluorotelomer sulfonic acid	2.46	U	2.46	0.82
2706-90-3	Perfluoropentanoic acid	8.90		1.64	0.41

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-262307-1

SDG No.:

Client Sample ID: TRC-GW-21
Lab Sample ID: 460-262307-4

Matrix: Water
Lab File ID: 22AUG05-53.d

Analysis Method: 537 IDA
Date Collected: 07/20/2022 15:30

Extraction Method: 537 IDA
Date Extracted: 08/01/2022 08:40

Sample wt/vol: 291.5(mL)
Date Analyzed: 08/06/2022 19:00

Con. Extract Vol.: 1(mL)
Dilution Factor: 1

Injection Volume: 5(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture:
% Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 283338
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	8.77	B	1.72	0.43
375-85-9	Perfluoroheptanoic acid	3.26		1.72	0.43
335-67-1	Perfluorooctanoic acid	1.60	J	1.72	0.43
375-95-1	Perfluorononanoic acid	1.72	U	1.72	0.43
335-76-2	Perfluorodecanoic acid	1.72	U	1.72	0.43
72629-94-8	Perfluorotridecanoic acid	1.72	U	1.72	0.43
376-06-7	Perfluorotetradecanoic acid	1.72	U	1.72	0.43
375-73-5	Perfluorobutanesulfonic acid	1.93		1.72	0.43
355-46-4	Perfluorohexanesulfonic acid	1.33	J	1.72	0.43
1763-23-1	Perfluorooctanesulfonic acid	1.72	U	1.72	0.43
2991-50-6	NEtFOSAA	2.57	U	2.57	0.43
2355-31-9	NMeFOSAA	1.72	U	1.72	0.51
375-92-8	Perfluoroheptanesulfonic acid	1.72	U	1.72	0.43
335-77-3	Perfluorodecanesulfonic acid	1.72	U	1.72	0.43
754-91-6	Perfluorooctanesulfonamide	1.72	U	1.72	0.43
375-22-4	Perfluorobutanoic acid	5.54		4.29	1.72
2058-94-8	Perfluoroundecanoic acid	1.72	U	1.72	0.43
307-55-1	Perfluorododecanoic acid	1.72	U	1.72	0.43
27619-97-2	6:2 Fluorotelomer sulfonic acid	4.29	U	4.29	1.72
39108-34-4	8:2 Fluorotelomer sulfonic acid	2.57	U	2.57	0.86
2706-90-3	Perfluoropentanoic acid	12.1		1.72	0.43

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

5

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-262307-1

SDG No.:

Client Sample ID: TRC-GW-DUP
Lab Sample ID: 460-262307-5

Matrix: Water
Lab File ID: 22AUG05-54.d

Analysis Method: 537 IDA
Date Collected: 07/20/2022 12:00

Extraction Method: 537 IDA
Date Extracted: 08/01/2022 08:40

Sample wt/vol: 289.4(mL)
Date Analyzed: 08/06/2022 19:11

Con. Extract Vol.: 1(mL)
Dilution Factor: 1

Injection Volume: 5(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture:
% Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 283338
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	14.5	B	1.73	0.43
375-85-9	Perfluoroheptanoic acid	15.5		1.73	0.43
335-67-1	Perfluorooctanoic acid	1.48	J	1.73	0.43
375-95-1	Perfluorononanoic acid	1.73	U	1.73	0.43
335-76-2	Perfluorodecanoic acid	1.73	U	1.73	0.43
72629-94-8	Perfluorotridecanoic acid	1.73	U	1.73	0.43
376-06-7	Perfluorotetradecanoic acid	1.73	U	1.73	0.43
375-73-5	Perfluorobutanesulfonic acid	9.27		1.73	0.43
355-46-4	Perfluorohexanesulfonic acid	6.07		1.73	0.43
1763-23-1	Perfluorooctanesulfonic acid	1.73	U	1.73	0.43
2991-50-6	NEtFOSAA	2.59	U	2.59	0.43
2355-31-9	NMeFOSAA	1.73	U	1.73	0.52
375-92-8	Perfluoroheptanesulfonic acid	1.73	U	1.73	0.43
335-77-3	Perfluorodecanesulfonic acid	1.73	U	1.73	0.43
754-91-6	Perfluorooctanesulfonamide	1.73	U	1.73	0.43
375-22-4	Perfluorobutanoic acid	6.04		4.32	1.73
2058-94-8	Perfluoroundecanoic acid	1.73	U	1.73	0.43
307-55-1	Perfluorododecanoic acid	1.73	U	1.73	0.43
27619-97-2	6:2 Fluorotelomer sulfonic acid	3.76	J	4.32	1.73
39108-34-4	8:2 Fluorotelomer sulfonic acid	2.59	U	2.59	0.86
2706-90-3	Perfluoropentanoic acid	12.1		1.73	0.43

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

SRE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-262307-1

SDG No.:

Client Sample ID: TRC-GW-DUP RE Lab Sample ID: 460-262307-5 RE

Matrix: Water Lab File ID: 22AUG15-64.d

Analysis Method: 537 IDA Date Collected: 07/20/2022 12:00

Extraction Method: 537 IDA Date Extracted: 08/11/2022 16:14

Sample wt/vol: 284.4 (mL) Date Analyzed: 08/15/2022 19:10

Con. Extract Vol.: 1 (mL) Dilution Factor: 1

Injection Volume: 4 (uL) GC Column: Gemini C18 50mm ID: 3 (mm)

% Moisture: % Solids: GPC Cleanup: (Y/N) N use original

Cleanup Factor:

Analysis Batch No.: 285999 Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	22.1	H J	1.76	0.44
375-85-9	Perfluoroheptanoic acid	19.8	H	1.76	0.44
335-67-1	Perfluorooctanoic acid	1.98	H	1.76	0.44
375-95-1	Perfluorononanoic acid	1.76	U H UJ	1.76	0.44
335-76-2	Perfluorodecanoic acid	1.76	U H	1.76	0.44
72629-94-8	Perfluorotridecanoic acid	1.76	U H	1.76	0.44
376-06-7	Perfluorotetradecanoic acid	1.76	U H	1.76	0.44
375-73-5	Perfluorobutanesulfonic acid	14.4	H J	1.76	0.44
355-46-4	Perfluorohexanesulfonic acid	9.05	H J	1.76	0.44
1763-23-1	Perfluorooctanesulfonic acid	1.76	U H UJ	1.76	0.44
2991-50-6	NEtFOSAA	2.64	U H	2.64	0.44
2355-31-9	NMeFOSAA	1.76	U H	1.76	0.53
375-92-8	Perfluoroheptanesulfonic acid	1.76	U H	1.76	0.44
335-77-3	Perfluorodecanesulfonic acid	1.76	U H	1.76	0.44
754-91-6	Perfluorooctanesulfonamide	1.76	U H	1.76	0.44
375-22-4	Perfluorobutanoic acid	7.66	H J	4.40	1.76
2058-94-8	Perfluoroundecanoic acid	1.76	U H UJ	1.76	0.44
307-55-1	Perfluorododecanoic acid	1.76	U H UJ	1.76	0.44
27619-97-2	6:2 Fluorotelomer sulfonic acid	3.17	J H J	4.40	1.76
39108-34-4	8:2 Fluorotelomer sulfonic acid	2.64	U H UJ	2.64	0.88
2706-90-3	Perfluoropentanoic acid	16.1	H J	1.76	0.44

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

6

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-262307-1

SDG No.:

Client Sample ID: TRC-EB-07202022
Lab Sample ID: 460-262307-6

Matrix: Water
Lab File ID: 22AUG05-55.d

Analysis Method: 537 IDA
Date Collected: 07/20/2022 16:00

Extraction Method: 537 IDA
Date Extracted: 08/01/2022 08:40

Sample wt/vol: 305.1(mL)
Date Analyzed: 08/06/2022 19:22

Con. Extract Vol.: 1(mL)
Dilution Factor: 1

Injection Volume: 5(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture:
% Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 283338
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	1.64 ~~0.47~~	~~J B~~ U	1.64	0.41
375-85-9	Perfluoroheptanoic acid	1.64	U	1.64	0.41
335-67-1	Perfluorooctanoic acid	1.64	U	1.64	0.41
375-95-1	Perfluorononanoic acid	1.64	U	1.64	0.41
335-76-2	Perfluorodecanoic acid	1.64	U	1.64	0.41
72629-94-8	Perfluorotridecanoic acid	1.64	U	1.64	0.41
376-06-7	Perfluorotetradecanoic acid	1.64	U	1.64	0.41
375-73-5	Perfluorobutanesulfonic acid	1.64	U	1.64	0.41
355-46-4	Perfluorohexanesulfonic acid	1.64	U	1.64	0.41
1763-23-1	Perfluorooctanesulfonic acid	1.64	U	1.64	0.41
2991-50-6	NEtFOSAA	2.46	U	2.46	0.41
2355-31-9	NMeFOSAA	1.64	U	1.64	0.49
375-92-8	Perfluoroheptanesulfonic acid	1.64	U	1.64	0.41
335-77-3	Perfluorodecanesulfonic acid	1.64	U	1.64	0.41
754-91-6	Perfluorooctanesulfonamide	1.64	U	1.64	0.41
375-22-4	Perfluorobutanoic acid	4.10	U	4.10	1.64
2058-94-8	Perfluoroundecanoic acid	1.64	U	1.64	0.41
307-55-1	Perfluorododecanoic acid	1.64	U	1.64	0.41
27619-97-2	6:2 Fluorotelomer sulfonic acid	4.10	U	4.10	1.64
39108-34-4	8:2 Fluorotelomer sulfonic acid	2.46	U	2.46	0.82
2706-90-3	Perfluoropentanoic acid	1.64	U	1.64	0.41

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

6RE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-262307-1

SDG No.:

Client Sample ID: TRC-EB-07202022 RE
Lab Sample ID: 460-262307-6 RE

Matrix: Water
Lab File ID: 22AUG15-65.d

Analysis Method: 537 IDA
Date Collected: 07/20/2022 16:00

Extraction Method: 537 IDA
Date Extracted: 08/11/2022 16:14

Sample wt/vol: 267.2(mL)
Date Analyzed: 08/15/2022 19:21

Con. Extract Vol.: 1(mL)
Dilution Factor: 1

Injection Volume: 4(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture:
% Solids:
GPC Cleanup:(Y/N) N

use original

Cleanup Factor:

Analysis Batch No.: 285999
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	1.87	U H	1.87	0.47
375-85-9	Perfluoroheptanoic acid	1.87	U H	1.87	0.47
335-67-1	Perfluorooctanoic acid	1.87	U H	1.87	0.47
375-95-1	Perfluorononanoic acid	1.87	U H	1.87	0.47
335-76-2	Perfluorodecanoic acid	1.87	U H	1.87	0.47
72629-94-8	Perfluorotridecanoic acid	1.87	U H	1.87	0.47
376-06-7	Perfluorotetradecanoic acid	1.87	U H	1.87	0.47
375-73-5	Perfluorobutanesulfonic acid	1.87	U H	1.87	0.47
355-46-4	Perfluorohexanesulfonic acid	1.87	U H	1.87	0.47
1763-23-1	Perfluorooctanesulfonic acid	1.87	U H	1.87	0.47
2991-50-6	NEtFOSAA	2.81	U H	2.81	0.47
2355-31-9	NMeFOSAA	1.87	U H	1.87	0.56
375-92-8	Perfluoroheptanesulfonic acid	1.87	U H	1.87	0.47
335-77-3	Perfluorodecanesulfonic acid	1.87	U H	1.87	0.47
754-91-6	Perfluorooctanesulfonamide	1.87	U H	1.87	0.47
375-22-4	Perfluorobutanoic acid	4.68	U H	4.68	1.87
2058-94-8	Perfluoroundecanoic acid	1.87	U H	1.87	0.47
307-55-1	Perfluorododecanoic acid	1.87	U H	1.87	0.47
27619-97-2	6:2 Fluorotelomer sulfonic acid	4.68	U H	4.68	1.87
39108-34-4	8:2 Fluorotelomer sulfonic acid	2.81	U H	2.81	0.94
2706-90-3	Perfluoropentanoic acid	1.87	U H	1.87	0.47

uJ

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
NYSCA-PROPOSED PUBLIC SCHOOL K20F, NEW YORK

Client: TRC Engineering, Inc., New York, New York
SDG: 460-262473-1
Laboratory: Eurofins Test America, Edison, New Jersey
Site: NYSCA-Proposed Public School K20F, New York
Date: August 11, 2022

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	TRC-GW-04	460-262473-1	Water
1MS*	TRC-GW-04MS	460-262473-1MS	Water
1MSD+	TRC-GW-04MSD	460-262473-1MSD	Water
2	TRC-GW-14	460-262473-2	Water
3	TRC-GW-15	460-262473-3	Water
4	TRC-GW-21	460-262473-4	Water
5	TRC-GW-DUP	460-262473-5	Water
6	TRC-GW-FB	460-262473-6	Water

* - Dissolved Mercury & Cyanide only + - Cyanide only

A Data Usability Summary Review was performed on the analytical data for five water samples and one aqueous field blank sample collected on July 20, 2022 by TRC at the NYSCA-Proposed Public School K20F in New York. The samples were analyzed under the "Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260D
SVOC	USEPA SW-846 Method 8270E
1,4-Dioxane	USEPA SW-846 Method 8270E-SIM
Pesticides	USEPA SW-846 Method 8081B
PCB	USEPA SW-846 Method 8082A
Herbicides	USEPA SW-846 Method 8151A
Metals/Hg (T/D)	USEPA SW-846 Methods 6020B/7470A
Cyanide	USEPA SW-846 Method 9012B

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-33A, Revision 1, September 2016: Low/Medium Volatile Data Validation;
- SOP Number HW-35A, Revision 1, September 2016: Semivolatile Data Validation;
- SOP Number HW-36A, Revision 1, October 2016: Pesticide Data Validation;

- SOP Number HW-37A, Revision 0, June 2015: Polychlorinated Biphenyl (PCB) Aroclor Data Validation;
- SOP Number HW-17, Revision 3.1, December 2010: Chlorinated Herbicide Data Validation;
- SOP Number HW-3a, Revision 1, September 2016: ICP-AES Data Validation;
- SOP Number HW-3b, Revision 1, September 2016: ICP-MS Data Validation;
- SOP Number HW-3c, Revision 1, September 2016: Mercury and Cyanide Data Validation;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Holding times and sample preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tuning
- Initial and continuing calibration summaries
- Method blank and field blank contamination
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Internal standard area and retention time summary forms
- Target Compound Identification
- Compound Quantitation
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

Inorganics

- Holding times and sample preservation
- Initial and continuing calibration verifications
- Method blank and field blank contamination
- ICP Interference Check Sample
- Laboratory Control Sample (LCS) recoveries
- Matrix Spike Analysis
- Duplicate Sample Analysis
- ICP Serial Dilution
- Compound Quantitation
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOC)

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- All %D criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- The following table lists field QC samples with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations of acetone, 2-butanone and methylene chloride (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds, an action level of five times (5x) the highest associated blank concentration is used.

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-GW-FB	Methylene Chloride	0.45	None	All Associated ND

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples

- The LCS samples exhibited acceptable percent recoveries (%R).

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- TICs were not detected.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	TRC-GW-14 ug/L	TRC-GW-DUP ug/L	RPD	Qualifier
Chloroform	8.8	8.8	0%	None

Semivolatile Organic Compounds (SVOCs) & 1,4-Dioxane

Holding Times

- All samples were extracted within 7 days for water samples and analyzed within 40 days for all samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) criteria and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
07/24/22 (1358)	4-Nitrophenol	49.2%	UJ	All Samples
	Indeno(123-cd)pyrene	43.8%	UJ	
	Dibenz(ah)anthracene	41.0%	UJ	
	Benzo(ghi)perylene	44.8%	UJ	

Method Blank

- The method blanks were free of contamination.

Field Blank

- The field QC samples were free of contamination.

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-GW-FB	None - ND	-	-	-

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
460-857094/2-A	4-Nitroaniline	122%	None	All Associated ND
	Atrazine	188%	None	
	Benzo(ghi)perylene	138%	None	
	Indeno(123-cd)pyrene	138%	None	

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- TICs were qualified (NJ) for tentatively identified compounds.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

SVOC				
Compound	TRC-GW-14 ug/L	TRC-GW-DUP ug/L	RPD	Qualifier
None	ND	ND	-	-

SVOC-SIM				
Compound	TRC-GW-14 ug/L	TRC-GW-DUP ug/L	RPD	Qualifier
None	ND	ND	-	-

Pesticides (Pest)

Holding Times

- All samples were extracted within 7 days for water samples and analyzed within 40 days for all samples.

Initial Calibration

- All %RSD and/or correlation coefficient criteria were met.

Continuing Calibration

- All %D criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- The field QC samples were free of contamination.

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-GW-FB	None - ND	-	-	-

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples

- The LCS samples exhibited acceptable percent recoveries (%R).

Compound Quantitation

- All criteria were met.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	TRC-GW-14 ug/L	TRC-GW-DUP ug/L	RPD	Qualifier
None	ND	ND	-	-

GC Column Difference Results

- All criteria were met.

Polychlorinated Biphenyls (PCBs)

Holding Times

- All samples were extracted within 7 days for water samples and analyzed within 40 days for all samples.

Initial Calibration

- All %RSD and/or correlation coefficient criteria were met.

Continuing Calibration

- All %D criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- The field QC samples were free of contamination.

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-GW-FB	None - ND	-	-	-

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples

- The LCS samples exhibited acceptable percent recoveries (%R).

Compound Quantitation

- All criteria were met.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	TRC-GW-14 ug/L	TRC-GW-DUP ug/L	RPD	Qualifier
None	ND	ND	-	-

GC Column Difference Results

- All criteria were met.

Herbicides

Holding Times

- All samples were extracted within 7 days for water samples and analyzed within 40 days for all samples.

Initial Calibration

- All %RSD and/or correlation coefficient criteria were met.

Continuing Calibration

- All %D criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- The field QC samples were free of contamination.

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-GW-FB	None - ND	-	-	-

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples

- The LCS samples exhibited acceptable percent recoveries (%R).

Compound Quantitation

- All criteria were met.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	TRC-GW-14 ug/L	TRC-GW-DUP ug/L	RPD	Qualifier
None	ND	ND	-	-

GC Column Difference Results

- All criteria were met.

Metals & Mercury (Total & Dissolved)

Holding Times

- All samples were prepared and analyzed within 28 days for mercury and 180 days for all other metals.

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- The following table lists field QC samples with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U).

Total Metals & Mercury				
Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-GW-FB	None - ND	-	-	-

Dissolved Metals & Mercury				
Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-GW-FB	Sodium	268	None	All Associated >10X

ICP Interference Check Sample

- The ICP interference check sample exhibited acceptable percent recoveries (%R).

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Matrix Spike (MS) Recoveries

- The MS samples exhibited acceptable percent recoveries (%R).

Duplicate Sample Analysis

- The duplicate sample analysis exhibited acceptable RPD values.

ICP Serial Dilution

- The ICP serial dilution exhibited acceptable percent differences (%D).

Compound Quantitation

- All criteria were met.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Total Metals & Mercury				
Compound	TRC-GW-14 ug/L	TRC-GW-DUP ug/L	RPD	Qualifier
Aluminum	513	40.0U	NC	None
Barium	166	166	0%	
Cadmium	0.95	1.2	23%	None - <5X RL
Calcium	205000	221000	8%	None
Cobalt	1.4	1.0	33%	None - <5X RL
Iron	783	120U	NC	None
Lead	0.91	1.2U	NC	
Magnesium	92600	98100	6%	
Manganese	713	664	7%	
Nickel	11.0	11.1	1%	
Potassium	15000	15700	5%	
Selenium	6.9	7.6	10%	
Sodium	326000	347000	6%	
Vanadium	2.6	4.0U	NC	
Zinc	14.0	11.7	18%	

Dissolved Metals & Mercury				
Compound	TRC-GW-14 ug/L	TRC-GW-DUP ug/L	RPD	Qualifier
Aluminum	40.0U	120	NC	None
Barium	167	165	1%	
Cadmium	0.90	1.0	11%	
Calcium	209000	196000	6%	
Cobalt	0.92	1.1	18%	
Copper	7.4	4.0U	NC	
Iron	120U	291	NC	
Magnesium	92400	91700	1%	
Manganese	692	679	2%	
Nickel	10	9.8	2%	
Potassium	15400	15500	1%	
Selenium	6.5	6.2	5%	
Sodium	321000	323000	1%	
Vanadium	4.0U	0.77	NC	
Zinc	14.4	13.6	6%	

Cyanide

Holding Times

- All samples were prepared and analyzed within 14 days for cyanide.

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- The field QC samples were free of contamination.

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-GW-FB	None - ND	-	-	-

Laboratory Control Samples

- The LCS sample exhibited acceptable percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

MS/MSD Sample	Compound	MS %R/MSD%R/RPD	Qualifier	Affected Samples
1	Cyanide	72%/110%/41	UJ	All Samples

Compound Quantitation

- All criteria were met.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	TRC-GW-14 ug/L	TRC-GW-DUP ug/L	RPD	Qualifier
None	ND	ND	-	-

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 8/14/22

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-04 | Lab Sample ID: 460-262473-1

Matrix: Water | Lab File ID: TT58103.D

Analysis Method: 8260D | Date Collected: 07/20/2022 09:45

Sample wt/vol: 5(mL) | Date Analyzed: 07/25/2022 11:15

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 857179 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	8.4		1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-04 | Lab Sample ID: 460-262473-1

Matrix: Water | Lab File ID: TT58103.D

Analysis Method: 8260D | Date Collected: 07/20/2022 09:45

Sample wt/vol: 5(mL) | Date Analyzed: 07/25/2022 11:15

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 857179 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.75	J	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.60	J	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
91-20-3	Naphthalene	1.0	U	1.0	0.88
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

MT 8/11/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-14 | Lab Sample ID: 460-262473-2

Matrix: Water | Lab File ID: TT58104.D

Analysis Method: 8260D | Date Collected: 07/20/2022 11:30

Sample wt/vol: 5(mL) | Date Analyzed: 07/25/2022 11:36

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 857179 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	8.8		1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22

MT 8/1/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-14 Lab Sample ID: 460-262473-2

Matrix: Water Lab File ID: TT58104.D

Analysis Method: 8260D Date Collected: 07/20/2022 11:30

Sample wt/vol: 5(mL) Date Analyzed: 07/25/2022 11:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 857179 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
91-20-3	Naphthalene	1.0	U	1.0	0.88
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

MT 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-15 | Lab Sample ID: 460-262473-3

Matrix: Water | Lab File ID: TT58105.D

Analysis Method: 8260D | Date Collected: 07/20/2022 13:40

Sample wt/vol: 5(mL) | Date Analyzed: 07/25/2022 11:57

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 857179 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.9		1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22

MT 8/1/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-15 | Lab Sample ID: 460-262473-3

Matrix: Water | Lab File ID: TT58105.D

Analysis Method: 8260D | Date Collected: 07/20/2022 13:40

Sample wt/vol: 5(mL) | Date Analyzed: 07/25/2022 11:57

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 857179 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.3		1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
91-20-3	Naphthalene	1.0	U	1.0	0.88
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.50	J	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-128
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

MT 8/15/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-21 | Lab Sample ID: 460-262473-4

Matrix: Water | Lab File ID: TT58106.D

Analysis Method: 8260D | Date Collected: 07/20/2022 15:30

Sample wt/vol: 5(mL) | Date Analyzed: 07/25/2022 12:17

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 857179 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	24		1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22

MM 8/11/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-21 | Lab Sample ID: 460-262473-4

Matrix: Water | Lab File ID: TT58106.D

Analysis Method: 8260D | Date Collected: 07/20/2022 15:30

Sample wt/vol: 5(mL) | Date Analyzed: 07/25/2022 12:17

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 857179 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.40	J	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.28	J	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
91-20-3	Naphthalene	1.0	U	1.0	0.88
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.8		1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-128
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

MT 8/10/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

5

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-DUP | Lab Sample ID: 460-262473-5

Matrix: Water | Lab File ID: TT58107.D

Analysis Method: 8260D | Date Collected: 07/20/2022 10:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/25/2022 12:38

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 857179 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	8.8		1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22

MT 8/11/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

5

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-DUP | Lab Sample ID: 460-262473-5

Matrix: Water | Lab File ID: TT58107.D

Analysis Method: 8260D | Date Collected: 07/20/2022 10:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/25/2022 12:38

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 857179 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
91-20-3	Naphthalene	1.0	U	1.0	0.88
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-128
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

MM 8/11/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-FB | Lab Sample ID: 460-262473-6

Matrix: Water | Lab File ID: TT58097.D

Analysis Method: 8260D | Date Collected: 07/20/2022 16:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/25/2022 09:10

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 857179 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

6

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-FB | Lab Sample ID: 460-262473-6

Matrix: Water | Lab File ID: TT58097.D

Analysis Method: 8260D | Date Collected: 07/20/2022 16:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/25/2022 09:10

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 857179 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	0.45	J	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
91-20-3	Naphthalene	1.0	U	1.0	0.88
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

MT 8/11/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-04 | Lab Sample ID: 460-262473-1

Matrix: Water | Lab File ID: N39424.d

Analysis Method: 8270E | Date Collected: 07/20/2022 09:45

Extract. Method: 3510C | Date Extracted: 07/24/2022 09:23

Sample wt/vol: 250(mL) | Date Analyzed: 07/24/2022 15:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 857133 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	1.2
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
123-91-1	1,4-Dioxane	10	U	10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
51-28-5	2,4-Dinitrophenol	40	U	40	2.6
121-14-2	2,4-Dinitrotoluene	10	U	10	1.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
91-58-7	2-Chloronaphthalene	10	U	10	1.2
95-57-8	2-Chlorophenol	10	U	10	0.38
91-57-6	2-Methylnaphthalene	10	U	10	0.53
95-48-7	2-Methylphenol	10	U	10	0.67
88-74-4	2-Nitroaniline	10	U	10	0.47
88-75-5	2-Nitrophenol	10	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
99-09-2	3-Nitroaniline	10	U	10	1.9
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
106-47-8	4-Chloroaniline	10	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
106-44-5	4-Methylphenol	10	U	10	0.65
100-01-6	4-Nitroaniline	10	U	10	1.2
100-02-7	4-Nitrophenol	20	U UJ	20	4.0
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
98-86-2	Acetophenone	10	U	10	2.3
120-12-7	Anthracene	10	U	10	1.3

MT 8/11/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-04 | Lab Sample ID: 460-262473-1

Matrix: Water | Lab File ID: N39424.d

Analysis Method: 8270E | Date Collected: 07/20/2022 09:45

Extract. Method: 3510C | Date Extracted: 07/24/2022 09:23

Sample wt/vol: 250(mL) | Date Analyzed: 07/24/2022 15:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 857133 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	2.0	U	2.0	1.3
100-52-7	Benzaldehyde	10	U	10	2.1
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
105-60-2	Caprolactam	10	U	10	2.2
86-74-8	Carbazole	10	U	10	0.68
218-01-9	Chrysene	2.0	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
132-64-9	Dibenzofuran	10	U	10	1.1
84-66-2	Diethyl phthalate	10	U	10	0.98
131-11-3	Dimethyl phthalate	10	U	10	0.77
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89

MM 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-04 | Lab Sample ID: 460-262473-1

Matrix: Water | Lab File ID: N39424.d

Analysis Method: 8270E | Date Collected: 07/20/2022 09:45

Extract. Method: 3510C | Date Extracted: 07/24/2022 09:23

Sample wt/vol: 250(mL) | Date Analyzed: 07/24/2022 15:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 857133 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	20	U	20	1.4
85-01-8	Phenanthrene	10	U	10	1.3
108-95-2	Phenol	10	U	10	0.29
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	108		37-150
321-60-8	2-Fluorobiphenyl	123		46-139
367-12-4	2-Fluorophenol (Surr)	65		19-80
4165-60-0	Nitrobenzene-d5 (Surr)	122		52-137
4165-62-2	Phenol-d5 (Surr)	43		10-56
1718-51-0	Terphenyl-d14 (Surr)	58		22-150

MT 8/10/22

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

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-04 | Lab Sample ID: 460-262473-1

Matrix: Water | Lab File ID: N39424.d

Analysis Method: 8270E | Date Collected: 07/20/2022 09:45

Extract. Method: 3510C | Date Extracted: 07/24/2022 09:23

Sample wt/vol: 250(mL) | Date Analyzed: 07/24/2022 15:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 857133 | Units: ug/L

Number TICs Found: 1 | TIC Result Total: 11

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
77-94-1	Butyl citrate	9.73	11	J N NJ	91%

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-14 | Lab Sample ID: 460-262473-2

Matrix: Water | Lab File ID: N39425.d

Analysis Method: 8270E | Date Collected: 07/20/2022 11:30

Extract. Method: 3510C | Date Extracted: 07/24/2022 09:23

Sample wt/vol: 250(mL) | Date Analyzed: 07/24/2022 16:09

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 857133 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	1.2
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
123-91-1	1,4-Dioxane	10	U	10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
51-28-5	2,4-Dinitrophenol	40	U	40	2.6
121-14-2	2,4-Dinitrotoluene	10	U	10	1.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
91-58-7	2-Chloronaphthalene	10	U	10	1.2
95-57-8	2-Chlorophenol	10	U	10	0.38
91-57-6	2-Methylnaphthalene	10	U	10	0.53
95-48-7	2-Methylphenol	10	U	10	0.67
88-74-4	2-Nitroaniline	10	U	10	0.47
88-75-5	2-Nitrophenol	10	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
99-09-2	3-Nitroaniline	10	U	10	1.9
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
106-47-8	4-Chloroaniline	10	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
106-44-5	4-Methylphenol	10	U	10	0.65
100-01-6	4-Nitroaniline	10	U	10	1.2
100-02-7	4-Nitrophenol	20	U	20	4.0
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
98-86-2	Acetophenone	10	U	10	2.3
120-12-7	Anthracene	10	U	10	1.3

MT 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-262473-1
SDG No.:
Client Sample ID: TRC-GW-14 | Lab Sample ID: 460-262473-2
Matrix: Water | Lab File ID: N39425.d
Analysis Method: 8270E | Date Collected: 07/20/2022 11:30
Extract. Method: 3510C | Date Extracted: 07/24/2022 09:23
Sample wt/vol: 250(mL) | Date Analyzed: 07/24/2022 16:09
Con. Extract Vol.: 2(mL) | Dilution Factor: 1
Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: % Solids: | GPC Cleanup:(Y/N) N
Cleanup Factor: | Level: (low/med) Low
Analysis Batch No.: 857133 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	2.0	U	2.0	1.3
100-52-7	Benzaldehyde	10	U	10	2.1
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	10	U UJ	10	0.70
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
105-60-2	Caprolactam	10	U	10	2.2
86-74-8	Carbazole	10	U	10	0.68
218-01-9	Chrysene	2.0	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	1.0	U UJ	1.0	0.72
132-64-9	Dibenzofuran	10	U	10	1.1
84-66-2	Diethyl phthalate	10	U	10	0.98
131-11-3	Dimethyl phthalate	10	U	10	0.77
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U UJ	2.0	0.94
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89

MM 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-14 Lab Sample ID: 460-262473-2

Matrix: Water Lab File ID: N39425.d

Analysis Method: 8270E Date Collected: 07/20/2022 11:30

Extract. Method: 3510C Date Extracted: 07/24/2022 09:23

Sample wt/vol: 250(mL) Date Analyzed: 07/24/2022 16:09

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 857133 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	20	U	20	1.4
85-01-8	Phenanthrene	10	U	10	1.3
108-95-2	Phenol	10	U	10	0.29
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	110		37-150
321-60-8	2-Fluorobiphenyl	126		46-139
367-12-4	2-Fluorophenol (Surr)	67		19-80
4165-60-0	Nitrobenzene-d5 (Surr)	123		52-137
4165-62-2	Phenol-d5 (Surr)	43		10-56
1718-51-0	Terphenyl-d14 (Surr)	61		22-150

MT 8/11/22

2

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

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-14 | Lab Sample ID: 460-262473-2

Matrix: Water | Lab File ID: N39425.d

Analysis Method: 8270E | Date Collected: 07/20/2022 11:30

Extract. Method: 3510C | Date Extracted: 07/24/2022 09:23

Sample wt/vol: 250(mL) | Date Analyzed: 07/24/2022 16:09

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 857133 | Units: ug/L

Number TICs Found: 1 | TIC Result Total: 10

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
77-94-1	Butyl citrate	9.73	10	J NJ	81%

MM 8/11/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-15 | Lab Sample ID: 460-262473-3

Matrix: Water | Lab File ID: N39426.d

Analysis Method: 8270E | Date Collected: 07/20/2022 13:40

Extract. Method: 3510C | Date Extracted: 07/24/2022 09:23

Sample wt/vol: 250(mL) | Date Analyzed: 07/24/2022 16:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 857133 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	1.2
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
123-91-1	1,4-Dioxane	10	U	10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
51-28-5	2,4-Dinitrophenol	40	U	40	2.6
121-14-2	2,4-Dinitrotoluene	10	U	10	1.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
91-58-7	2-Chloronaphthalene	10	U	10	1.2
95-57-8	2-Chlorophenol	10	U	10	0.38
91-57-6	2-Methylnaphthalene	10	U	10	0.53
95-48-7	2-Methylphenol	10	U	10	0.67
88-74-4	2-Nitroaniline	10	U	10	0.47
88-75-5	2-Nitrophenol	10	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
99-09-2	3-Nitroaniline	10	U	10	1.9
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
106-47-8	4-Chloroaniline	10	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
106-44-5	4-Methylphenol	10	U	10	0.65
100-01-6	4-Nitroaniline	10	U ✓	10	1.2
100-02-7	4-Nitrophenol	20	U UJ	20	4.0
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
98-86-2	Acetophenone	10	U	10	2.3
120-12-7	Anthracene	10	U	10	1.3

MM 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-15 | Lab Sample ID: 460-262473-3

Matrix: Water | Lab File ID: N39426.d

Analysis Method: 8270E | Date Collected: 07/20/2022 13:40

Extract. Method: 3510C | Date Extracted: 07/24/2022 09:23

Sample wt/vol: 250(mL) | Date Analyzed: 07/24/2022 16:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 857133 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	2.0	U	2.0	1.3
100-52-7	Benzaldehyde	10	U	10	2.1
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
105-60-2	Caprolactam	10	U	10	2.2
86-74-8	Carbazole	10	U	10	0.68
218-01-9	Chrysene	2.0	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
132-64-9	Dibenzofuran	10	U	10	1.1
84-66-2	Diethyl phthalate	10	U	10	0.98
131-11-3	Dimethyl phthalate	10	U	10	0.77
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89

MT 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-15 | Lab Sample ID: 460-262473-3

Matrix: Water | Lab File ID: N39426.d

Analysis Method: 8270E | Date Collected: 07/20/2022 13:40

Extract. Method: 3510C | Date Extracted: 07/24/2022 09:23

Sample wt/vol: 250(mL) | Date Analyzed: 07/24/2022 16:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 857133 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	20	U	20	1.4
85-01-8	Phenanthrene	10	U	10	1.3
108-95-2	Phenol	10	U	10	0.29
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	110		37-150
321-60-8	2-Fluorobiphenyl	124		46-139
367-12-4	2-Fluorophenol (Surr)	67		19-80
4165-60-0	Nitrobenzene-d5 (Surr)	124		52-137
4165-62-2	Phenol-d5 (Surr)	44		10-56
1718-51-0	Terphenyl-d14 (Surr)	48		22-150

MM 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-21 | Lab Sample ID: 460-262473-4

Matrix: Water | Lab File ID: N39427.d

Analysis Method: 8270E | Date Collected: 07/20/2022 15:30

Extract. Method: 3510C | Date Extracted: 07/24/2022 09:23

Sample wt/vol: 250(mL) | Date Analyzed: 07/24/2022 16:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 857133 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	1.2
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
123-91-1	1,4-Dioxane	10	U	10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
51-28-5	2,4-Dinitrophenol	40	U	40	2.6
121-14-2	2,4-Dinitrotoluene	10	U	10	1.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
91-58-7	2-Chloronaphthalene	10	U	10	1.2
95-57-8	2-Chlorophenol	10	U	10	0.38
91-57-6	2-Methylnaphthalene	10	U	10	0.53
95-48-7	2-Methylphenol	10	U	10	0.67
88-74-4	2-Nitroaniline	10	U	10	0.47
88-75-5	2-Nitrophenol	10	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
99-09-2	3-Nitroaniline	10	U	10	1.9
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
106-47-8	4-Chloroaniline	10	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
106-44-5	4-Methylphenol	10	U	10	0.65
100-01-6	4-Nitroaniline	10	U	10	1.2
100-02-7	4-Nitrophenol	20	U UJ	20	4.0
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
98-86-2	Acetophenone	10	U	10	2.3
120-12-7	Anthracene	10	U	10	1.3

MT 8/1/22

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-21 | Lab Sample ID: 460-262473-4

Matrix: Water | Lab File ID: N39427.d

Analysis Method: 8270E | Date Collected: 07/20/2022 15:30

Extract. Method: 3510C | Date Extracted: 07/24/2022 09:23

Sample wt/vol: 250(mL) | Date Analyzed: 07/24/2022 16:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 857133 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	2.0	U	2.0	1.3
100-52-7	Benzaldehyde	10	U	10	2.1
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
105-60-2	Caprolactam	10	U	10	2.2
86-74-8	Carbazole	10	U	10	0.68
218-01-9	Chrysene	2.0	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
132-64-9	Dibenzofuran	10	U	10	1.1
84-66-2	Diethyl phthalate	10	U	10	0.98
131-11-3	Dimethyl phthalate	10	U	10	0.77
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89

MT 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-21 | Lab Sample ID: 460-262473-4

Matrix: Water | Lab File ID: N39427.d

Analysis Method: 8270E | Date Collected: 07/20/2022 15:30

Extract. Method: 3510C | Date Extracted: 07/24/2022 09:23

Sample wt/vol: 250(mL) | Date Analyzed: 07/24/2022 16:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 857133 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	20	U	20	1.4
85-01-8	Phenanthrene	10	U	10	1.3
108-95-2	Phenol	10	U	10	0.29
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	66		37-150
321-60-8	2-Fluorobiphenyl	123		46-139
367-12-4	2-Fluorophenol (Surr)	35		19-80
4165-60-0	Nitrobenzene-d5 (Surr)	120		52-137
4165-62-2	Phenol-d5 (Surr)	30		10-56
1718-51-0	Terphenyl-d14 (Surr)	50		22-150

MT 8/11/22

5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-DUP | Lab Sample ID: 460-262473-5

Matrix: Water | Lab File ID: N39428.d

Analysis Method: 8270E | Date Collected: 07/20/2022 10:00

Extract. Method: 3510C | Date Extracted: 07/24/2022 09:23

Sample wt/vol: 250(mL) | Date Analyzed: 07/24/2022 17:13

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 857133 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	1.2
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
123-91-1	1,4-Dioxane	10	U	10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
51-28-5	2,4-Dinitrophenol	40	U	40	2.6
121-14-2	2,4-Dinitrotoluene	10	U	10	1.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
91-58-7	2-Chloronaphthalene	10	U	10	1.2
95-57-8	2-Chlorophenol	10	U	10	0.38
91-57-6	2-Methylnaphthalene	10	U	10	0.53
95-48-7	2-Methylphenol	10	U	10	0.67
88-74-4	2-Nitroaniline	10	U	10	0.47
88-75-5	2-Nitrophenol	10	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
99-09-2	3-Nitroaniline	10	U	10	1.9
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
106-47-8	4-Chloroaniline	10	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
106-44-5	4-Methylphenol	10	U	10	0.65
100-01-6	4-Nitroaniline	10	U ✓	10	1.2
100-02-7	4-Nitrophenol	20	~~Y~~ US	20	4.0
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
98-86-2	Acetophenone	10	U	10	2.3
120-12-7	Anthracene	10	U	10	1.3

MM 8/10/22

5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-262473-1
SDG No.:
Client Sample ID: TRC-GW-DUP | Lab Sample ID: 460-262473-5
Matrix: Water | Lab File ID: N39428.d
Analysis Method: 8270E | Date Collected: 07/20/2022 10:00
Extract. Method: 3510C | Date Extracted: 07/24/2022 09:23
Sample wt/vol: 250(mL) | Date Analyzed: 07/24/2022 17:13
Con. Extract Vol.: 2(mL) | Dilution Factor: 1
Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: % Solids: | GPC Cleanup:(Y/N) N
Cleanup Factor: | Level: (low/med) Low
Analysis Batch No.: 857133 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	2.0	U	2.0	1.3
100-52-7	Benzaldehyde	10	U	10	2.1
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	10	U UJ	10	0.70
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
105-60-2	Caprolactam	10	U	10	2.2
86-74-8	Carbazole	10	U	10	0.68
218-01-9	Chrysene	2.0	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	1.0	U UJ	1.0	0.72
132-64-9	Dibenzofuran	10	U	10	1.1
84-66-2	Diethyl phthalate	10	U	10	0.98
131-11-3	Dimethyl phthalate	10	U	10	0.77
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U UJ	2.0	0.94
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89

MM 8/10/22

5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-DUP Lab Sample ID: 460-262473-5

Matrix: Water Lab File ID: N39428.d

Analysis Method: 8270E Date Collected: 07/20/2022 10:00

Extract. Method: 3510C Date Extracted: 07/24/2022 09:23

Sample wt/vol: 250(mL) Date Analyzed: 07/24/2022 17:13

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 857133 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	20	U	20	1.4
85-01-8	Phenanthrene	10	U	10	1.3
108-95-2	Phenol	10	U	10	0.29
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	110		37-150
321-60-8	2-Fluorobiphenyl	124		46-139
367-12-4	2-Fluorophenol (Surr)	63		19-80
4165-60-0	Nitrobenzene-d5 (Surr)	123		52-137
4165-62-2	Phenol-d5 (Surr)	40		10-56
1718-51-0	Terphenyl-d14 (Surr)	48		22-150

MM 8/11/22

5

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

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-DUP | Lab Sample ID: 460-262473-5

Matrix: Water | Lab File ID: N39428.d

Analysis Method: 8270E | Date Collected: 07/20/2022 10:00

Extract. Method: 3510C | Date Extracted: 07/24/2022 09:23

Sample wt/vol: 250(mL) | Date Analyzed: 07/24/2022 17:13

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 857133 | Units: ug/L

Number TICs Found: 1 | TIC Result Total: 9.2

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
77-94-1	Butyl citrate	9.72	9.2	NJ	81%

FORM I-TIC 8270E

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-FB | Lab Sample ID: 460-262473-6

Matrix: Water | Lab File ID: N39429.d

Analysis Method: 8270E | Date Collected: 07/20/2022 16:00

Extract. Method: 3510C | Date Extracted: 07/24/2022 09:23

Sample wt/vol: 250(mL) | Date Analyzed: 07/24/2022 17:34

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 857133 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	1.2
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
123-91-1	1,4-Dioxane	10	U	10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
51-28-5	2,4-Dinitrophenol	40	U	40	2.6
121-14-2	2,4-Dinitrotoluene	10	U	10	1.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
91-58-7	2-Chloronaphthalene	10	U	10	1.2
95-57-8	2-Chlorophenol	10	U	10	0.38
91-57-6	2-Methylnaphthalene	10	U	10	0.53
95-48-7	2-Methylphenol	10	U	10	0.67
88-74-4	2-Nitroaniline	10	U	10	0.47
88-75-5	2-Nitrophenol	10	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
99-09-2	3-Nitroaniline	10	U	10	1.9
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
106-47-8	4-Chloroaniline	10	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
106-44-5	4-Methylphenol	10	U	10	0.65
100-01-6	4-Nitroaniline	10	U	10	1.2
100-02-7	4-Nitrophenol	20	U UJ	20	4.0
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
98-86-2	Acetophenone	10	U	10	2.3
120-12-7	Anthracene	10	U	10	1.3

MT 8/11/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

6

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-FB | Lab Sample ID: 460-262473-6

Matrix: Water | Lab File ID: N39429.d

Analysis Method: 8270E | Date Collected: 07/20/2022 16:00

Extract. Method: 3510C | Date Extracted: 07/24/2022 09:23

Sample wt/vol: 250(mL) | Date Analyzed: 07/24/2022 17:34

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 857133 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	2.0	U	2.0	1.3
100-52-7	Benzaldehyde	10	U	10	2.1
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
105-60-2	Caprolactam	10	U	10	2.2
86-74-8	Carbazole	10	U	10	0.68
218-01-9	Chrysene	2.0	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
132-64-9	Dibenzofuran	10	U	10	1.1
84-66-2	Diethyl phthalate	10	U	10	0.98
131-11-3	Dimethyl phthalate	10	U	10	0.77
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89

MM 8/10/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-262473-1
SDG No.:
Client Sample ID: TRC-GW-FB | Lab Sample ID: 460-262473-6
Matrix: Water | Lab File ID: N39429.d
Analysis Method: 8270E | Date Collected: 07/20/2022 16:00
Extract. Method: 3510C | Date Extracted: 07/24/2022 09:23
Sample wt/vol: 250(mL) | Date Analyzed: 07/24/2022 17:34
Con. Extract Vol.: 2(mL) | Dilution Factor: 1
Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: % Solids: | GPC Cleanup:(Y/N) N
Cleanup Factor: | Level: (low/med) Low
Analysis Batch No.: 857133 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	20	U	20	1.4
85-01-8	Phenanthrene	10	U	10	1.3
108-95-2	Phenol	10	U	10	0.29
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	110		37-150
321-60-8	2-Fluorobiphenyl	128		46-139
367-12-4	2-Fluorophenol (Surr)	65		19-80
4165-60-0	Nitrobenzene-d5 (Surr)	127		52-137
4165-62-2	Phenol-d5 (Surr)	42		10-56
1718-51-0	Terphenyl-d14 (Surr)	75		22-150

MT 8/1/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-04 | Lab Sample ID: 460-262473-1

Matrix: Water | Lab File ID: 272607.D

Analysis Method: 8270E SIM ID | Date Collected: 07/20/2022 09:45

Extract. Method: 3510C | Date Extracted: 07/25/2022 09:57

Sample wt/vol: 250(mL) | Date Analyzed: 07/26/2022 08:50

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 857371 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.20	U	0.20	0.072

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	48		10-150

MT 8/11/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-14 | Lab Sample ID: 460-262473-2

Matrix: Water | Lab File ID: 272608.D

Analysis Method: 8270E SIM ID | Date Collected: 07/20/2022 11:30

Extract. Method: 3510C | Date Extracted: 07/25/2022 09:57

Sample wt/vol: 250(mL) | Date Analyzed: 07/26/2022 09:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 857371 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.20	U	0.20	0.072

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	43		10-150

MT 8/11/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-15 | Lab Sample ID: 460-262473-3

Matrix: Water | Lab File ID: 272609.D

Analysis Method: 8270E SIM ID | Date Collected: 07/20/2022 13:40

Extract. Method: 3510C | Date Extracted: 07/25/2022 09:57

Sample wt/vol: 250(mL) | Date Analyzed: 07/26/2022 09:22

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 857371 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.20	U	0.20	0.072

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	54		10-150

MT 8/11/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-21 | Lab Sample ID: 460-262473-4

Matrix: Water | Lab File ID: 272610.D

Analysis Method: 8270E SIM ID | Date Collected: 07/20/2022 15:30

Extract. Method: 3510C | Date Extracted: 07/25/2022 09:57

Sample wt/vol: 250(mL) | Date Analyzed: 07/26/2022 09:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 857371 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.20	U	0.20	0.072

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	41		10-150

MM 8/11/22

5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-DUP | Lab Sample ID: 460-262473-5

Matrix: Water | Lab File ID: 272611.D

Analysis Method: 8270E SIM ID | Date Collected: 07/20/2022 10:00

Extract. Method: 3510C | Date Extracted: 07/25/2022 09:57

Sample wt/vol: 250(mL) | Date Analyzed: 07/26/2022 09:53

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 857371 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.20	U	0.20	0.072

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	42		10-150

MH 8/11/22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-262473-1
SDG No.:
Client Sample ID: TRC-GW-FB | Lab Sample ID: 460-262473-6
Matrix: Water | Lab File ID: 272612.D
Analysis Method: 8270E SIM ID | Date Collected: 07/20/2022 16:00
Extract. Method: 3510C | Date Extracted: 07/25/2022 09:57
Sample wt/vol: 250(mL) | Date Analyzed: 07/26/2022 10:09
Con. Extract Vol.: 2(mL) | Dilution Factor: 1
Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: % Solids: | GPC Cleanup:(Y/N) N
Cleanup Factor: | Level: (low/med) Low
Analysis Batch No.: 857371 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.20	U	0.20	0.072

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	37		10-150

MT 8/11/22

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-04 | Lab Sample ID: 460-262473-1

Matrix: Water | Lab File ID: 4F0006500.D

Analysis Method: 8081B | Date Collected: 07/20/2022 09:45

Extraction Method: 3510C | Date Extracted: 07/24/2022 09:59

Sample wt/vol: 250(mL) | Date Analyzed: 07/25/2022 09:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 857189 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.020	U	0.020	0.0060
72-55-9	4,4'-DDE	0.020	U	0.020	0.0020
50-29-3	4,4'-DDT	0.020	U	0.020	0.0040
309-00-2	Aldrin	0.020	U	0.020	0.0030
319-84-6	alpha-BHC	0.020	U	0.020	0.0070
319-85-7	beta-BHC	0.020	U	0.020	0.015
12789-03-6	Chlordane (technical)	0.50	U	0.50	0.055
319-86-8	delta-BHC	0.020	U	0.020	0.0050
60-57-1	Dieldrin	0.020	U	0.020	0.0030
959-98-8	Endosulfan I	0.020	U	0.020	0.0020
33213-65-9	Endosulfan II	0.020	U	0.020	0.0040
1031-07-8	Endosulfan sulfate	0.020	U	0.020	0.0060
72-20-8	Endrin	0.020	U	0.020	0.0040
7421-93-4	Endrin aldehyde	0.020	U	0.020	0.0080
53494-70-5	Endrin ketone	0.020	U	0.020	0.0080
58-89-9	gamma-BHC (Lindane)	0.020	U	0.020	0.012
76-44-8	Heptachlor	0.020	U	0.020	0.0030
1024-57-3	Heptachlor epoxide	0.020	U	0.020	0.0050
72-43-5	Methoxychlor	0.020	U	0.020	0.0040
8001-35-2	Toxaphene	0.50	U	0.50	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		15-121
877-09-8	Tetrachloro-m-xylene	84		17-120

MT 8/4/22

2

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-14 | Lab Sample ID: 460-262473-2

Matrix: Water | Lab File ID: 4F0006501.D

Analysis Method: 8081B | Date Collected: 07/20/2022 11:30

Extraction Method: 3510C | Date Extracted: 07/24/2022 09:59

Sample wt/vol: 250(mL) | Date Analyzed: 07/25/2022 10:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 857189 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.020	U	0.020	0.0060
72-55-9	4,4'-DDE	0.020	U	0.020	0.0020
50-29-3	4,4'-DDT	0.020	U	0.020	0.0040
309-00-2	Aldrin	0.020	U	0.020	0.0030
319-84-6	alpha-BHC	0.020	U	0.020	0.0070
319-85-7	beta-BHC	0.020	U	0.020	0.015
12789-03-6	Chlordane (technical)	0.50	U	0.50	0.055
319-86-8	delta-BHC	0.020	U	0.020	0.0050
60-57-1	Dieldrin	0.020	U	0.020	0.0030
959-98-8	Endosulfan I	0.020	U	0.020	0.0020
33213-65-9	Endosulfan II	0.020	U	0.020	0.0040
1031-07-8	Endosulfan sulfate	0.020	U	0.020	0.0060
72-20-8	Endrin	0.020	U	0.020	0.0040
7421-93-4	Endrin aldehyde	0.020	U	0.020	0.0080
53494-70-5	Endrin ketone	0.020	U	0.020	0.0080
58-89-9	gamma-BHC (Lindane)	0.020	U	0.020	0.012
76-44-8	Heptachlor	0.020	U	0.020	0.0030
1024-57-3	Heptachlor epoxide	0.020	U	0.020	0.0050
72-43-5	Methoxychlor	0.020	U	0.020	0.0040
8001-35-2	Toxaphene	0.50	U	0.50	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	83		15-121
877-09-8	Tetrachloro-m-xylene	69		17-120

MM 8/11/22

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-15 | Lab Sample ID: 460-262473-3

Matrix: Water | Lab File ID: 4F0006502.D

Analysis Method: 8081B | Date Collected: 07/20/2022 13:40

Extraction Method: 3510C | Date Extracted: 07/24/2022 09:59

Sample wt/vol: 250(mL) | Date Analyzed: 07/25/2022 10:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 857189 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.020	U	0.020	0.0060
72-55-9	4,4'-DDE	0.020	U	0.020	0.0020
50-29-3	4,4'-DDT	0.020	U	0.020	0.0040
309-00-2	Aldrin	0.020	U	0.020	0.0030
319-84-6	alpha-BHC	0.020	U	0.020	0.0070
319-85-7	beta-BHC	0.020	U	0.020	0.015
12789-03-6	Chlordane (technical)	0.50	U	0.50	0.055
319-86-8	delta-BHC	0.020	U	0.020	0.0050
60-57-1	Dieldrin	0.020	U	0.020	0.0030
959-98-8	Endosulfan I	0.020	U	0.020	0.0020
33213-65-9	Endosulfan II	0.020	U	0.020	0.0040
1031-07-8	Endosulfan sulfate	0.020	U	0.020	0.0060
72-20-8	Endrin	0.020	U	0.020	0.0040
7421-93-4	Endrin aldehyde	0.020	U	0.020	0.0080
53494-70-5	Endrin ketone	0.020	U	0.020	0.0080
58-89-9	gamma-BHC (Lindane)	0.020	U	0.020	0.012
76-44-8	Heptachlor	0.020	U	0.020	0.0030
1024-57-3	Heptachlor epoxide	0.020	U	0.020	0.0050
72-43-5	Methoxychlor	0.020	U	0.020	0.0040
8001-35-2	Toxaphene	0.50	U	0.50	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	93		15-121
877-09-8	Tetrachloro-m-xylene	80		17-120

MJ 8/11/22

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-21 | Lab Sample ID: 460-262473-4

Matrix: Water | Lab File ID: 4F0006503.D

Analysis Method: 8081B | Date Collected: 07/20/2022 15:30

Extraction Method: 3510C | Date Extracted: 07/24/2022 09:59

Sample wt/vol: 250(mL) | Date Analyzed: 07/25/2022 10:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 857189 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.020	U	0.020	0.0060
72-55-9	4,4'-DDE	0.020	U	0.020	0.0020
50-29-3	4,4'-DDT	0.020	U	0.020	0.0040
309-00-2	Aldrin	0.020	U	0.020	0.0030
319-84-6	alpha-BHC	0.020	U	0.020	0.0070
319-85-7	beta-BHC	0.020	U	0.020	0.015
12789-03-6	Chlordane (technical)	0.50	U	0.50	0.055
319-86-8	delta-BHC	0.020	U	0.020	0.0050
60-57-1	Dieldrin	0.020	U	0.020	0.0030
959-98-8	Endosulfan I	0.020	U	0.020	0.0020
33213-65-9	Endosulfan II	0.020	U	0.020	0.0040
1031-07-8	Endosulfan sulfate	0.020	U	0.020	0.0060
72-20-8	Endrin	0.020	U	0.020	0.0040
7421-93-4	Endrin aldehyde	0.020	U	0.020	0.0080
53494-70-5	Endrin ketone	0.020	U	0.020	0.0080
58-89-9	gamma-BHC (Lindane)	0.020	U	0.020	0.012
76-44-8	Heptachlor	0.020	U	0.020	0.0030
1024-57-3	Heptachlor epoxide	0.020	U	0.020	0.0050
72-43-5	Methoxychlor	0.020	U	0.020	0.0040
8001-35-2	Toxaphene	0.50	U	0.50	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	90		15-121
877-09-8	Tetrachloro-m-xylene	80		17-120

MM 8/1/22

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

5

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-DUP | Lab Sample ID: 460-262473-5

Matrix: Water | Lab File ID: 4F0006504.D

Analysis Method: 8081B | Date Collected: 07/20/2022 10:00

Extraction Method: 3510C | Date Extracted: 07/24/2022 09:59

Sample wt/vol: 250(mL) | Date Analyzed: 07/25/2022 10:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 857189 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.020	U	0.020	0.0060
72-55-9	4,4'-DDE	0.020	U	0.020	0.0020
50-29-3	4,4'-DDT	0.020	U	0.020	0.0040
309-00-2	Aldrin	0.020	U	0.020	0.0030
319-84-6	alpha-BHC	0.020	U	0.020	0.0070
319-85-7	beta-BHC	0.020	U	0.020	0.015
12789-03-6	Chlordane (technical)	0.50	U	0.50	0.055
319-86-8	delta-BHC	0.020	U	0.020	0.0050
60-57-1	Dieldrin	0.020	U	0.020	0.0030
959-98-8	Endosulfan I	0.020	U	0.020	0.0020
33213-65-9	Endosulfan II	0.020	U	0.020	0.0040
1031-07-8	Endosulfan sulfate	0.020	U	0.020	0.0060
72-20-8	Endrin	0.020	U	0.020	0.0040
7421-93-4	Endrin aldehyde	0.020	U	0.020	0.0080
53494-70-5	Endrin ketone	0.020	U	0.020	0.0080
58-89-9	gamma-BHC (Lindane)	0.020	U	0.020	0.012
76-44-8	Heptachlor	0.020	U	0.020	0.0030
1024-57-3	Heptachlor epoxide	0.020	U	0.020	0.0050
72-43-5	Methoxychlor	0.020	U	0.020	0.0040
8001-35-2	Toxaphene	0.50	U	0.50	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		15-121
877-09-8	Tetrachloro-m-xylene	87		17-120

MM 8/11/22

6

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-FB | Lab Sample ID: 460-262473-6

Matrix: Water | Lab File ID: 4F0006505.D

Analysis Method: 8081B | Date Collected: 07/20/2022 16:00

Extraction Method: 3510C | Date Extracted: 07/24/2022 09:59

Sample wt/vol: 250(mL) | Date Analyzed: 07/25/2022 11:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 857189 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.020	U	0.020	0.0060
72-55-9	4,4'-DDE	0.020	U	0.020	0.0020
50-29-3	4,4'-DDT	0.020	U	0.020	0.0040
309-00-2	Aldrin	0.020	U	0.020	0.0030
319-84-6	alpha-BHC	0.020	U	0.020	0.0070
319-85-7	beta-BHC	0.020	U	0.020	0.015
12789-03-6	Chlordane (technical)	0.50	U	0.50	0.055
319-86-8	delta-BHC	0.020	U	0.020	0.0050
60-57-1	Dieldrin	0.020	U	0.020	0.0030
959-98-8	Endosulfan I	0.020	U	0.020	0.0020
33213-65-9	Endosulfan II	0.020	U	0.020	0.0040
1031-07-8	Endosulfan sulfate	0.020	U	0.020	0.0060
72-20-8	Endrin	0.020	U	0.020	0.0040
7421-93-4	Endrin aldehyde	0.020	U	0.020	0.0080
53494-70-5	Endrin ketone	0.020	U	0.020	0.0080
58-89-9	gamma-BHC (Lindane)	0.020	U	0.020	0.012
76-44-8	Heptachlor	0.020	U	0.020	0.0030
1024-57-3	Heptachlor epoxide	0.020	U	0.020	0.0050
72-43-5	Methoxychlor	0.020	U	0.020	0.0040
8001-35-2	Toxaphene	0.50	U	0.50	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		15-121
877-09-8	Tetrachloro-m-xylene	86		17-120

MT 8/1/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-04 | Lab Sample ID: 460-262473-1

Matrix: Water | Lab File ID: 11F0013015.D

Analysis Method: 8082A | Date Collected: 07/20/2022 09:45

Extraction Method: 3510C | Date Extracted: 07/24/2022 09:41

Sample wt/vol: 250(mL) | Date Analyzed: 07/25/2022 14:02

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 857225 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.40	U	0.40	0.12
11104-28-2	Aroclor 1221	0.40	U	0.40	0.12
11141-16-5	Aroclor 1232	0.40	U	0.40	0.12
53469-21-9	Aroclor 1242	0.40	U	0.40	0.12
12672-29-6	Aroclor 1248	0.40	U	0.40	0.12
11097-69-1	Aroclor 1254	0.40	U	0.40	0.11
11096-82-5	Aroclor 1260	0.40	U	0.40	0.11
37324-23-5	Aroclor-1262	0.40	U	0.40	0.11
11100-14-4	Aroclor 1268	0.40	U	0.40	0.11
1336-36-3	Polychlorinated biphenyls, Total	0.40	U	0.40	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	84		12-150
877-09-8	Tetrachloro-m-xylene	78		11-131

MT 8/10/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-14 Lab Sample ID: 460-262473-2

Matrix: Water Lab File ID: 11F0013014.D

Analysis Method: 8082A Date Collected: 07/20/2022 11:30

Extraction Method: 3510C Date Extracted: 07/24/2022 09:41

Sample wt/vol: 250(mL) Date Analyzed: 07/25/2022 13:46

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 857225 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.40	U	0.40	0.12
11104-28-2	Aroclor 1221	0.40	U	0.40	0.12
11141-16-5	Aroclor 1232	0.40	U	0.40	0.12
53469-21-9	Aroclor 1242	0.40	U	0.40	0.12
12672-29-6	Aroclor 1248	0.40	U	0.40	0.12
11097-69-1	Aroclor 1254	0.40	U	0.40	0.11
11096-82-5	Aroclor 1260	0.40	U	0.40	0.11
37324-23-5	Aroclor-1262	0.40	U	0.40	0.11
11100-14-4	Aroclor 1268	0.40	U	0.40	0.11
1336-36-3	Polychlorinated biphenyls, Total	0.40	U	0.40	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	83		12-150
877-09-8	Tetrachloro-m-xylene	75		11-131

MT 8/11/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-15 | Lab Sample ID: 460-262473-3

Matrix: Water | Lab File ID: 11F0013013.D

Analysis Method: 8082A | Date Collected: 07/20/2022 13:40

Extraction Method: 3510C | Date Extracted: 07/24/2022 09:41

Sample wt/vol: 250(mL) | Date Analyzed: 07/25/2022 13:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 857225 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.40	U	0.40	0.12
11104-28-2	Aroclor 1221	0.40	U	0.40	0.12
11141-16-5	Aroclor 1232	0.40	U	0.40	0.12
53469-21-9	Aroclor 1242	0.40	U	0.40	0.12
12672-29-6	Aroclor 1248	0.40	U	0.40	0.12
11097-69-1	Aroclor 1254	0.40	U	0.40	0.11
11096-82-5	Aroclor 1260	0.40	U	0.40	0.11
37324-23-5	Aroclor-1262	0.40	U	0.40	0.11
11100-14-4	Aroclor 1268	0.40	U	0.40	0.11
1336-36-3	Polychlorinated biphenyls, Total	0.40	U	0.40	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	71		12-150
877-09-8	Tetrachloro-m-xylene	67		11-131

MT 8/1/22

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-21 | Lab Sample ID: 460-262473-4

Matrix: Water | Lab File ID: 11F0013012.D

Analysis Method: 8082A | Date Collected: 07/20/2022 15:30

Extraction Method: 3510C | Date Extracted: 07/24/2022 09:41

Sample wt/vol: 250(mL) | Date Analyzed: 07/25/2022 13:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 857225 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.40	U	0.40	0.12
11104-28-2	Aroclor 1221	0.40	U	0.40	0.12
11141-16-5	Aroclor 1232	0.40	U	0.40	0.12
53469-21-9	Aroclor 1242	0.40	U	0.40	0.12
12672-29-6	Aroclor 1248	0.40	U	0.40	0.12
11097-69-1	Aroclor 1254	0.40	U	0.40	0.11
11096-82-5	Aroclor 1260	0.40	U	0.40	0.11
37324-23-5	Aroclor-1262	0.40	U	0.40	0.11
11100-14-4	Aroclor 1268	0.40	U	0.40	0.11
1336-36-3	Polychlorinated biphenyls, Total	0.40	U	0.40	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	73		12-150
877-09-8	Tetrachloro-m-xylene	67		11-131

MT 8/10/22

5

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-DUP Lab Sample ID: 460-262473-5

Matrix: Water Lab File ID: 11F0013011.D

Analysis Method: 8082A Date Collected: 07/20/2022 10:00

Extraction Method: 3510C Date Extracted: 07/24/2022 09:41

Sample wt/vol: 250(mL) Date Analyzed: 07/25/2022 12:56

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 857225 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.40	U	0.40	0.12
11104-28-2	Aroclor 1221	0.40	U	0.40	0.12
11141-16-5	Aroclor 1232	0.40	U	0.40	0.12
53469-21-9	Aroclor 1242	0.40	U	0.40	0.12
12672-29-6	Aroclor 1248	0.40	U	0.40	0.12
11097-69-1	Aroclor 1254	0.40	U	0.40	0.11
11096-82-5	Aroclor 1260	0.40	U	0.40	0.11
37324-23-5	Aroclor-1262	0.40	U	0.40	0.11
11100-14-4	Aroclor 1268	0.40	U	0.40	0.11
1336-36-3	Polychlorinated biphenyls, Total	0.40	U	0.40	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		12-150
877-09-8	Tetrachloro-m-xylene	82		11-131

MT 8/1/22

6

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-FB | Lab Sample ID: 460-262473-6

Matrix: Water | Lab File ID: 11F0013010.D

Analysis Method: 8082A | Date Collected: 07/20/2022 16:00

Extraction Method: 3510C | Date Extracted: 07/24/2022 09:41

Sample wt/vol: 250(mL) | Date Analyzed: 07/25/2022 12:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 857225 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.40	U	0.40	0.12
11104-28-2	Aroclor 1221	0.40	U	0.40	0.12
11141-16-5	Aroclor 1232	0.40	U	0.40	0.12
53469-21-9	Aroclor 1242	0.40	U	0.40	0.12
12672-29-6	Aroclor 1248	0.40	U	0.40	0.12
11097-69-1	Aroclor 1254	0.40	U	0.40	0.11
11096-82-5	Aroclor 1260	0.40	U	0.40	0.11
37324-23-5	Aroclor-1262	0.40	U	0.40	0.11
11100-14-4	Aroclor 1268	0.40	U	0.40	0.11
1336-36-3	Polychlorinated biphenyls, Total	0.40	U	0.40	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	83		12-150
877-09-8	Tetrachloro-m-xylene	78		11-131

MT 8/10

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-04 | Lab Sample ID: 460-262473-1

Matrix: Water | Lab File ID: 15F0013606.D

Analysis Method: 8151A | Date Collected: 07/20/2022 09:45

Extraction Method: 8151A | Date Extracted: 07/25/2022 21:34

Sample wt/vol: 250(mL) | Date Analyzed: 07/26/2022 14:30

Con. Extract Vol.: 3(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 857472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	1.2	U	1.2	0.12
94-75-7	2,4-D	1.2	U	1.2	0.13
93-72-1	Silvex (2,4,5-TP)	1.2	U	1.2	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	94		10-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-14 | Lab Sample ID: 460-262473-2

Matrix: Water | Lab File ID: 15F0013607.D

Analysis Method: 8151A | Date Collected: 07/20/2022 11:30

Extraction Method: 8151A | Date Extracted: 07/25/2022 21:34

Sample wt/vol: 250(mL) | Date Analyzed: 07/26/2022 14:44

Con. Extract Vol.: 3(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 857472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	1.2	U	1.2	0.12
94-75-7	2,4-D	1.2	U	1.2	0.13
93-72-1	Silvex (2,4,5-TP)	1.2	U	1.2	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	95		10-150

MT 8/4/22

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-15 | Lab Sample ID: 460-262473-3

Matrix: Water | Lab File ID: 15F0013608.D

Analysis Method: 8151A | Date Collected: 07/20/2022 13:40

Extraction Method: 8151A | Date Extracted: 07/25/2022 21:34

Sample wt/vol: 250(mL) | Date Analyzed: 07/26/2022 14:57

Con. Extract Vol.: 3(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 857472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	1.2	U	1.2	0.12
94-75-7	2,4-D	1.2	U	1.2	0.13
93-72-1	Silvex (2,4,5-TP)	1.2	U	1.2	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	90		10-150

MM 8/10/22

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-21 | Lab Sample ID: 460-262473-4

Matrix: Water | Lab File ID: 15F0013609.D

Analysis Method: 8151A | Date Collected: 07/20/2022 15:30

Extraction Method: 8151A | Date Extracted: 07/25/2022 21:34

Sample wt/vol: 250(mL) | Date Analyzed: 07/26/2022 15:11

Con. Extract Vol.: 3(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 857472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	1.2	U	1.2	0.12
94-75-7	2,4-D	1.2	U	1.2	0.13
93-72-1	Silvex (2,4,5-TP)	1.2	U	1.2	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	89		10-150

MM 8/W2

5

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-DUP | Lab Sample ID: 460-262473-5

Matrix: Water | Lab File ID: 15F0013610.D

Analysis Method: 8151A | Date Collected: 07/20/2022 10:00

Extraction Method: 8151A | Date Extracted: 07/25/2022 21:34

Sample wt/vol: 250(mL) | Date Analyzed: 07/26/2022 15:24

Con. Extract Vol.: 3(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 857472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	1.2	U	1.2	0.12
94-75-7	2,4-D	1.2	U	1.2	0.13
93-72-1	Silvex (2,4,5-TP)	1.2	U	1.2	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	96		10-150

MT 8/10/22

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

6

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG No.:

Client Sample ID: TRC-GW-FB | Lab Sample ID: 460-262473-6

Matrix: Water | Lab File ID: 15F0013611.D

Analysis Method: 8151A | Date Collected: 07/20/2022 16:00

Extraction Method: 8151A | Date Extracted: 07/25/2022 21:34

Sample wt/vol: 250(mL) | Date Analyzed: 07/26/2022 15:38

Con. Extract Vol.: 3(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 857472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-76-5	2,4,5-T	1.2	U	1.2	0.12
94-75-7	2,4-D	1.2	U	1.2	0.13
93-72-1	Silvex (2,4,5-TP)	1.2	U	1.2	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	95		10-150

MM 8/W2

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TRC-GW-04 | Lab Sample ID: 460-262473-1

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG ID.:

Matrix: Water | Date Sampled: 07/20/2022 09:45

Reporting Basis: WET | Date Received: 07/20/2022 19:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	48.9	40.0	19.5	ug/L			1	6020B
7440-36-0	Antimony	2.0	2.0	0.76	ug/L	U		1	6020B
7440-38-2	Arsenic	2.0	2.0	0.89	ug/L	U		1	6020B
7440-39-3	Barium	251	4.0	0.91	ug/L			1	6020B
7440-41-7	Beryllium	0.80	0.80	0.13	ug/L	U		1	6020B
7440-43-9	Cadmium	2.0	2.0	0.39	ug/L	U		1	6020B
7440-70-2	Calcium	297000	500	53.6	ug/L			1	6020B
7440-47-3	Chromium	4.0	4.0	2.5	ug/L	U		1	6020B
7440-48-4	Cobalt	0.83	4.0	0.71	ug/L	J		1	6020B
7440-50-8	Copper	10	4.0	2.5	ug/L			1	6020B
7439-89-6	Iron	100	120	58.2	ug/L	J		1	6020B
7439-92-1	Lead	1.2	1.2	0.84	ug/L	U		1	6020B
7439-95-4	Magnesium	115000	200	46.9	ug/L			1	6020B
7439-96-5	Manganese	15.3	8.0	1.5	ug/L			1	6020B
7440-02-0	Nickel	2.0	4.0	0.91	ug/L	J		1	6020B
7440-09-7	Potassium	7260	200	112	ug/L			1	6020B
7782-49-2	Selenium	3.1	2.5	0.59	ug/L			1	6020B
7440-22-4	Silver	2.0	2.0	0.29	ug/L	U		1	6020B
7440-23-5	Sodium	283000	500	163	ug/L			1	6020B
7440-28-0	Thallium	0.80	0.80	0.21	ug/L	U		1	6020B
7440-62-2	Vanadium	0.93	4.0	0.68	ug/L	J		1	6020B
7440-66-6	Zinc	16.0	16.0	6.5	ug/L	U		1	6020B
7439-97-6	Mercury	0.20	0.20	0.091	ug/L	U		1	7470A

MT 8/11/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

D

Client Sample ID: TRC-GW-04
Lab Sample ID: 460-262473-1
Lab Name: Eurofins Edison
Job No.: 460-262473-1
SDG ID.:
Matrix: Water
Date Sampled: 07/20/2022 09:45
Reporting Basis: WET
Date Received: 07/20/2022 19:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum, Dissolved	74.8	40.0	19.5	ug/L			1	6020B
7440-36-0	Antimony, Dissolved	2.0	2.0	0.76	ug/L	U		1	6020B
7440-38-2	Arsenic, Dissolved	2.0	2.0	0.89	ug/L	U		1	6020B
7440-39-3	Barium, Dissolved	250	4.0	0.91	ug/L			1	6020B
7440-41-7	Beryllium, Dissolved	0.80	0.80	0.13	ug/L	U		1	6020B
7440-43-9	Cadmium, Dissolved	2.0	2.0	0.39	ug/L	U		1	6020B
7440-70-2	Calcium, Dissolved	273000	500	53.6	ug/L			1	6020B
7440-47-3	Chromium, Dissolved	4.0	4.0	2.5	ug/L	U		1	6020B
7440-48-4	Cobalt, Dissolved	2.1	4.0	0.71	ug/L	J		1	6020B
7440-50-8	Copper, Dissolved	4.0	4.0	2.5	ug/L	U		1	6020B
7439-89-6	Iron, Dissolved	274	120	58.2	ug/L			1	6020B
7439-92-1	Lead, Dissolved	0.93	1.2	0.84	ug/L	J		1	6020B
7439-95-4	Magnesium, Dissolved	123000	200	46.9	ug/L			1	6020B
7439-96-5	Manganese, Dissolved	48.2	8.0	1.5	ug/L			1	6020B
7440-02-0	Nickel, Dissolved	0.92	4.0	0.91	ug/L	J		1	6020B
7440-09-7	Potassium, Dissolved	7330	200	112	ug/L			1	6020B
7782-49-2	Selenium, Dissolved	2.9	2.5	0.59	ug/L			1	6020B
7440-22-4	Silver, Dissolved	2.0	2.0	0.29	ug/L	U		1	6020B
7440-23-5	Sodium, Dissolved	298000	500	163	ug/L			1	6020B
7440-28-0	Thallium, Dissolved	0.80	0.80	0.21	ug/L	U		1	6020B
7440-62-2	Vanadium, Dissolved	0.85	4.0	0.68	ug/L	J		1	6020B
7440-66-6	Zinc, Dissolved	16.0	16.0	6.5	ug/L	U		1	6020B
7439-97-6	Mercury, Dissolved	0.20	0.20	0.091	ug/L	U		1	7470A

MT 8/1/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

2

Client Sample ID: TRC-GW-14 | Lab Sample ID: 460-262473-2

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG ID.:

Matrix: Water | Date Sampled: 07/20/2022 11:30

Reporting Basis: WET | Date Received: 07/20/2022 19:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	513	40.0	19.5	ug/L			1	6020B
7440-36-0	Antimony	2.0	2.0	0.76	ug/L	U		1	6020B
7440-38-2	Arsenic	2.0	2.0	0.89	ug/L	U		1	6020B
7440-39-3	Barium	166	4.0	0.91	ug/L			1	6020B
7440-41-7	Beryllium	0.80	0.80	0.13	ug/L	U		1	6020B
7440-43-9	Cadmium	0.95	2.0	0.39	ug/L	J		1	6020B
7440-70-2	Calcium	205000	500	53.6	ug/L			1	6020B
7440-47-3	Chromium	4.0	4.0	2.5	ug/L	U		1	6020B
7440-48-4	Cobalt	1.4	4.0	0.71	ug/L	J		1	6020B
7440-50-8	Copper	4.0	4.0	2.5	ug/L	U		1	6020B
7439-89-6	Iron	783	120	58.2	ug/L			1	6020B
7439-92-1	Lead	0.91	1.2	0.84	ug/L	J		1	6020B
7439-95-4	Magnesium	92600	200	46.9	ug/L			1	6020B
7439-96-5	Manganese	713	8.0	1.5	ug/L			1	6020B
7440-02-0	Nickel	11.0	4.0	0.91	ug/L			1	6020B
7440-09-7	Potassium	15000	200	112	ug/L			1	6020B
7782-49-2	Selenium	6.9	2.5	0.59	ug/L			1	6020B
7440-22-4	Silver	2.0	2.0	0.29	ug/L	U		1	6020B
7440-23-5	Sodium	325000	500	163	ug/L			1	6020B
7440-28-0	Thallium	0.80	0.80	0.21	ug/L	U		1	6020B
7440-62-2	Vanadium	2.6	4.0	0.68	ug/L	J		1	6020B
7440-66-6	Zinc	14.0	16.0	6.5	ug/L	J		1	6020B
7439-97-6	Mercury	0.20	0.20	0.091	ug/L	U		1	7470A

MM 8/11/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

2D

Client Sample ID: TRC-GW-14 | Lab Sample ID: 460-262473-2

Lab Name: Eurofins Edison | Job No.: 460-262473-1

SDG ID.:

Matrix: Water | Date Sampled: 07/20/2022 11:30

Reporting Basis: WET | Date Received: 07/20/2022 19:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum, Dissolved	40.0	40.0	19.5	ug/L	U		1	6020B
7440-36-0	Antimony, Dissolved	2.0	2.0	0.76	ug/L	U		1	6020B
7440-38-2	Arsenic, Dissolved	2.0	2.0	0.89	ug/L	U		1	6020B
7440-39-3	Barium, Dissolved	167	4.0	0.91	ug/L			1	6020B
7440-41-7	Beryllium, Dissolved	0.80	0.80	0.13	ug/L	U		1	6020B
7440-43-9	Cadmium, Dissolved	0.90	2.0	0.39	ug/L	J		1	6020B
7440-70-2	Calcium, Dissolved	209000	500	53.6	ug/L			1	6020B
7440-47-3	Chromium, Dissolved	4.0	4.0	2.5	ug/L	U		1	6020B
7440-48-4	Cobalt, Dissolved	0.92	4.0	0.71	ug/L	J		1	6020B
7440-50-8	Copper, Dissolved	7.4	4.0	2.5	ug/L			1	6020B
7439-89-6	Iron, Dissolved	120	120	58.2	ug/L	U		1	6020B
7439-92-1	Lead, Dissolved	1.2	1.2	0.84	ug/L	U		1	6020B
7439-95-4	Magnesium, Dissolved	92400	200	46.9	ug/L			1	6020B
7439-96-5	Manganese, Dissolved	692	8.0	1.5	ug/L			1	6020B
7440-02-0	Nickel, Dissolved	10	4.0	0.91	ug/L			1	6020B
7440-09-7	Potassium, Dissolved	15400	200	112	ug/L			1	6020B
7782-49-2	Selenium, Dissolved	6.5	2.5	0.59	ug/L			1	6020B
7440-22-4	Silver, Dissolved	2.0	2.0	0.29	ug/L	U		1	6020B
7440-23-5	Sodium, Dissolved	321000	500	163	ug/L			1	6020B
7440-28-0	Thallium, Dissolved	0.80	0.80	0.21	ug/L	U		1	6020B
7440-62-2	Vanadium, Dissolved	4.0	4.0	0.68	ug/L	U		1	6020B
7440-66-6	Zinc, Dissolved	14.4	16.0	6.5	ug/L	J		1	6020B
7439-97-6	Mercury, Dissolved	0.20	0.20	0.091	ug/L	U		1	7470A

MT 8/11/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

3

Client Sample ID: TRC-GW-15
Lab Sample ID: 460-262473-3
Lab Name: Eurofins Edison
Job No.: 460-262473-1
SDG ID.:
Matrix: Water
Date Sampled: 07/20/2022 13:40
Reporting Basis: WET
Date Received: 07/20/2022 19:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	1640	40.0	19.5	ug/L			1	6020B
7440-36-0	Antimony	2.0	2.0	0.76	ug/L	U		1	6020B
7440-38-2	Arsenic	1.1	2.0	0.89	ug/L	J		1	6020B
7440-39-3	Barium	299	4.0	0.91	ug/L			1	6020B
7440-41-7	Beryllium	0.14	0.80	0.13	ug/L	J		1	6020B
7440-43-9	Cadmium	1.2	2.0	0.39	ug/L	J		1	6020B
7440-70-2	Calcium	207000	500	53.6	ug/L			1	6020B
7440-47-3	Chromium	4.8	4.0	2.5	ug/L			1	6020B
7440-48-4	Cobalt	3.6	4.0	0.71	ug/L	J		1	6020B
7440-50-8	Copper	6.7	4.0	2.5	ug/L			1	6020B
7439-89-6	Iron	2320	120	58.2	ug/L			1	6020B
7439-92-1	Lead	4.0	1.2	0.84	ug/L			1	6020B
7439-95-4	Magnesium	73100	200	46.9	ug/L			1	6020B
7439-96-5	Manganese	1650	8.0	1.5	ug/L			1	6020B
7440-02-0	Nickel	26.1	4.0	0.91	ug/L			1	6020B
7440-09-7	Potassium	8830	200	112	ug/L			1	6020B
7782-49-2	Selenium	3.7	2.5	0.59	ug/L			1	6020B
7440-22-4	Silver	2.0	2.0	0.29	ug/L	U		1	6020B
7440-23-5	Sodium	184000	500	163	ug/L			1	6020B
7440-28-0	Thallium	0.80	0.80	0.21	ug/L	U		1	6020B
7440-62-2	Vanadium	4.8	4.0	0.68	ug/L			1	6020B
7440-66-6	Zinc	20.2	16.0	6.5	ug/L			1	6020B
7439-97-6	Mercury	0.20	0.20	0.091	ug/L	U		1	7470A

MT 8/11/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

3D

Client Sample ID: TRC-GW-15
Lab Sample ID: 460-262473-3
Lab Name: Eurofins Edison
Job No.: 460-262473-1
SDG ID.:
Matrix: Water
Date Sampled: 07/20/2022 13:40
Reporting Basis: WET
Date Received: 07/20/2022 19:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum, Dissolved	40.0	40.0	19.5	ug/L	U		1	6020B
7440-36-0	Antimony, Dissolved	2.0	2.0	0.76	ug/L	U		1	6020B
7440-38-2	Arsenic, Dissolved	2.0	2.0	0.89	ug/L	U		1	6020B
7440-39-3	Barium, Dissolved	264	4.0	0.91	ug/L			1	6020B
7440-41-7	Beryllium, Dissolved	0.80	0.80	0.13	ug/L	U		1	6020B
7440-43-9	Cadmium, Dissolved	1.5	2.0	0.39	ug/L	J		1	6020B
7440-70-2	Calcium, Dissolved	209000	500	53.6	ug/L			1	6020B
7440-47-3	Chromium, Dissolved	4.0	4.0	2.5	ug/L	U		1	6020B
7440-48-4	Cobalt, Dissolved	2.1	4.0	0.71	ug/L	J		1	6020B
7440-50-8	Copper, Dissolved	9.5	4.0	2.5	ug/L			1	6020B
7439-89-6	Iron, Dissolved	120	120	58.2	ug/L	U		1	6020B
7439-92-1	Lead, Dissolved	1.2	1.2	0.84	ug/L	U		1	6020B
7439-95-4	Magnesium, Dissolved	76900	200	46.9	ug/L			1	6020B
7439-96-5	Manganese, Dissolved	1490	8.0	1.5	ug/L			1	6020B
7440-02-0	Nickel, Dissolved	22.6	4.0	0.91	ug/L			1	6020B
7440-09-7	Potassium, Dissolved	8630	200	112	ug/L			1	6020B
7782-49-2	Selenium, Dissolved	3.7	2.5	0.59	ug/L			1	6020B
7440-22-4	Silver, Dissolved	2.0	2.0	0.29	ug/L	U		1	6020B
7440-23-5	Sodium, Dissolved	193000	500	163	ug/L			1	6020B
7440-28-0	Thallium, Dissolved	0.80	0.80	0.21	ug/L	U		1	6020B
7440-62-2	Vanadium, Dissolved	4.0	4.0	0.68	ug/L	U		1	6020B
7440-66-6	Zinc, Dissolved	14.3	16.0	6.5	ug/L	J		1	6020B
7439-97-6	Mercury, Dissolved	0.20	0.20	0.091	ug/L	U		1	7470A

MT 8/11/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

4

Client Sample ID: TRC-GW-21
Lab Sample ID: 460-262473-4
Lab Name: Eurofins Edison
Job No.: 460-262473-1
SDG ID.:
Matrix: Water
Date Sampled: 07/20/2022 15:30
Reporting Basis: WET
Date Received: 07/20/2022 19:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	895	40.0	19.5	ug/L			1	6020B
7440-36-0	Antimony	2.0	2.0	0.76	ug/L	U		1	6020B
7440-38-2	Arsenic	1.5	2.0	0.89	ug/L	J		1	6020B
7440-39-3	Barium	141	4.0	0.91	ug/L			1	6020B
7440-41-7	Beryllium	0.80	0.80	0.13	ug/L	U		1	6020B
7440-43-9	Cadmium	2.0	2.0	0.39	ug/L	U		1	6020B
7440-70-2	Calcium	143000	500	53.6	ug/L			1	6020B
7440-47-3	Chromium	4.0	4.0	2.5	ug/L	U		1	6020B
7440-48-4	Cobalt	1.4	4.0	0.71	ug/L	J		1	6020B
7440-50-8	Copper	3.1	4.0	2.5	ug/L	J		1	6020B
7439-89-6	Iron	1320	120	58.2	ug/L			1	6020B
7439-92-1	Lead	1.2	1.2	0.84	ug/L			1	6020B
7439-95-4	Magnesium	33800	200	46.9	ug/L			1	6020B
7439-96-5	Manganese	527	8.0	1.5	ug/L			1	6020B
7440-02-0	Nickel	4.1	4.0	0.91	ug/L			1	6020B
7440-09-7	Potassium	5690	200	112	ug/L			1	6020B
7782-49-2	Selenium	2.5	2.5	0.59	ug/L	U		1	6020B
7440-22-4	Silver	2.0	2.0	0.29	ug/L	U		1	6020B
7440-23-5	Sodium	52700	500	163	ug/L			1	6020B
7440-28-0	Thallium	0.80	0.80	0.21	ug/L	U		1	6020B
7440-62-2	Vanadium	4.4	4.0	0.68	ug/L			1	6020B
7440-66-6	Zinc	16.0	16.0	6.5	ug/L	U		1	6020B
7439-97-6	Mercury	0.20	0.20	0.091	ug/L	U		1	7470A

MA 8/11/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

4D

Client Sample ID: TRC-GW-21
Lab Sample ID: 460-262473-4
Lab Name: Eurofins Edison
Job No.: 460-262473-1
SDG ID.:
Matrix: Water
Date Sampled: 07/20/2022 15:30
Reporting Basis: WET
Date Received: 07/20/2022 19:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum, Dissolved	40.0	40.0	19.5	ug/L	U		1	6020B
7440-36-0	Antimony, Dissolved	2.0	2.0	0.76	ug/L	U		1	6020B
7440-38-2	Arsenic, Dissolved	1.1	2.0	0.89	ug/L	J		1	6020B
7440-39-3	Barium, Dissolved	137	4.0	0.91	ug/L			1	6020B
7440-41-7	Beryllium, Dissolved	0.80	0.80	0.13	ug/L	U		1	6020B
7440-43-9	Cadmium, Dissolved	2.0	2.0	0.39	ug/L	U		1	6020B
7440-70-2	Calcium, Dissolved	143000	500	53.6	ug/L			1	6020B
7440-47-3	Chromium, Dissolved	4.0	4.0	2.5	ug/L	U		1	6020B
7440-48-4	Cobalt, Dissolved	0.76	4.0	0.71	ug/L	J		1	6020B
7440-50-8	Copper, Dissolved	9.4	4.0	2.5	ug/L			1	6020B
7439-89-6	Iron, Dissolved	120	120	58.2	ug/L	U		1	6020B
7439-92-1	Lead, Dissolved	1.2	1.2	0.84	ug/L	U		1	6020B
7439-95-4	Magnesium, Dissolved	33400	200	46.9	ug/L			1	6020B
7439-96-5	Manganese, Dissolved	495	8.0	1.5	ug/L			1	6020B
7440-02-0	Nickel, Dissolved	3.2	4.0	0.91	ug/L	J		1	6020B
7440-09-7	Potassium, Dissolved	5880	200	112	ug/L			1	6020B
7782-49-2	Selenium, Dissolved	2.5	2.5	0.59	ug/L	U		1	6020B
7440-22-4	Silver, Dissolved	2.0	2.0	0.29	ug/L	U		1	6020B
7440-23-5	Sodium, Dissolved	55200	500	163	ug/L			1	6020B
7440-28-0	Thallium, Dissolved	0.80	0.80	0.21	ug/L	U		1	6020B
7440-62-2	Vanadium, Dissolved	1.6	4.0	0.68	ug/L	J		1	6020B
7440-66-6	Zinc, Dissolved	16.0	16.0	6.5	ug/L	U		1	6020B
7439-97-6	Mercury, Dissolved	0.20	0.20	0.091	ug/L	U		1	7470A

MT 8/Wn

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

5

Client Sample ID: TRC-GW-DUP
Lab Sample ID: 460-262473-5
Lab Name: Eurofins Edison
Job No.: 460-262473-1
SDG ID.:
Matrix: Water
Date Sampled: 07/20/2022 10:00
Reporting Basis: WET
Date Received: 07/20/2022 19:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	40.0	40.0	19.5	ug/L	U		1	6020B
7440-36-0	Antimony	2.0	2.0	0.76	ug/L	U		1	6020B
7440-38-2	Arsenic	2.0	2.0	0.89	ug/L	U		1	6020B
7440-39-3	Barium	166	4.0	0.91	ug/L			1	6020B
7440-41-7	Beryllium	0.80	0.80	0.13	ug/L	U		1	6020B
7440-43-9	Cadmium	1.2	2.0	0.39	ug/L	J		1	6020B
7440-70-2	Calcium	221000	500	53.6	ug/L			1	6020B
7440-47-3	Chromium	4.0	4.0	2.5	ug/L	U		1	6020B
7440-48-4	Cobalt	1.0	4.0	0.71	ug/L	J		1	6020B
7440-50-8	Copper	4.0	4.0	2.5	ug/L	U		1	6020B
7439-89-6	Iron	120	120	58.2	ug/L	U		1	6020B
7439-92-1	Lead	1.2	1.2	0.84	ug/L	U		1	6020B
7439-95-4	Magnesium	98100	200	46.9	ug/L			1	6020B
7439-96-5	Manganese	664	8.0	1.5	ug/L			1	6020B
7440-02-0	Nickel	11.1	4.0	0.91	ug/L			1	6020B
7440-09-7	Potassium	15700	200	112	ug/L			1	6020B
7782-49-2	Selenium	7.6	2.5	0.59	ug/L			1	6020B
7440-22-4	Silver	2.0	2.0	0.29	ug/L	U		1	6020B
7440-23-5	Sodium	347000	500	163	ug/L			1	6020B
7440-28-0	Thallium	0.80	0.80	0.21	ug/L	U		1	6020B
7440-62-2	Vanadium	4.0	4.0	0.68	ug/L	U		1	6020B
7440-66-6	Zinc	11.7	16.0	6.5	ug/L	J		1	6020B
7439-97-6	Mercury	0.20	0.20	0.091	ug/L	U		1	7470A

MT 8/1/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

5D

Client Sample ID: TRC-GW-DUP
Lab Sample ID: 460-262473-5
Lab Name: Eurofins Edison
Job No.: 460-262473-1
SDG ID.:
Matrix: Water
Date Sampled: 07/20/2022 10:00
Reporting Basis: WET
Date Received: 07/20/2022 19:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum, Dissolved	120	40.0	19.5	ug/L			1	6020B
7440-36-0	Antimony, Dissolved	2.0	2.0	0.76	ug/L	U		1	6020B
7440-38-2	Arsenic, Dissolved	2.0	2.0	0.89	ug/L	U		1	6020B
7440-39-3	Barium, Dissolved	165	4.0	0.91	ug/L			1	6020B
7440-41-7	Beryllium, Dissolved	0.80	0.80	0.13	ug/L	U		1	6020B
7440-43-9	Cadmium, Dissolved	1.0	2.0	0.39	ug/L	J		1	6020B
7440-70-2	Calcium, Dissolved	196000	500	53.6	ug/L			1	6020B
7440-47-3	Chromium, Dissolved	4.0	4.0	2.5	ug/L	U		1	6020B
7440-48-4	Cobalt, Dissolved	1.1	4.0	0.71	ug/L	J		1	6020B
7440-50-8	Copper, Dissolved	4.0	4.0	2.5	ug/L	U		1	6020B
7439-89-6	Iron, Dissolved	291	120	58.2	ug/L			1	6020B
7439-92-1	Lead, Dissolved	1.2	1.2	0.84	ug/L	U		1	6020B
7439-95-4	Magnesium, Dissolved	91700	200	46.9	ug/L			1	6020B
7439-96-5	Manganese, Dissolved	679	8.0	1.5	ug/L			1	6020B
7440-02-0	Nickel, Dissolved	9.8	4.0	0.91	ug/L			1	6020B
7440-09-7	Potassium, Dissolved	15500	200	112	ug/L			1	6020B
7782-49-2	Selenium, Dissolved	6.2	2.5	0.59	ug/L			1	6020B
7440-22-4	Silver, Dissolved	2.0	2.0	0.29	ug/L	U		1	6020B
7440-23-5	Sodium, Dissolved	323000	500	163	ug/L			1	6020B
7440-28-0	Thallium, Dissolved	0.80	0.80	0.21	ug/L	U		1	6020B
7440-62-2	Vanadium, Dissolved	0.77	4.0	0.68	ug/L	J		1	6020B
7440-66-6	Zinc, Dissolved	13.6	16.0	6.5	ug/L	J		1	6020B
7439-97-6	Mercury, Dissolved	0.20	0.20	0.091	ug/L	U		1	7470A

MR 8/11/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

6

Client Sample ID: TRC-GW-FB
Lab Sample ID: 460-262473-6
Lab Name: Eurofins Edison
Job No.: 460-262473-1
SDG ID.:
Matrix: Water
Date Sampled: 07/20/2022 16:00
Reporting Basis: WET
Date Received: 07/20/2022 19:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	40.0	40.0	19.5	ug/L	U		1	6020B
7440-36-0	Antimony	2.0	2.0	0.76	ug/L	U		1	6020B
7440-38-2	Arsenic	2.0	2.0	0.89	ug/L	U		1	6020B
7440-39-3	Barium	4.0	4.0	0.91	ug/L	U		1	6020B
7440-41-7	Beryllium	0.80	0.80	0.13	ug/L	U		1	6020B
7440-43-9	Cadmium	2.0	2.0	0.39	ug/L	U		1	6020B
7440-70-2	Calcium	500	500	53.6	ug/L	U		1	6020B
7440-47-3	Chromium	4.0	4.0	2.5	ug/L	U		1	6020B
7440-48-4	Cobalt	4.0	4.0	0.71	ug/L	U		1	6020B
7440-50-8	Copper	4.0	4.0	2.5	ug/L	U		1	6020B
7439-89-6	Iron	120	120	58.2	ug/L	U		1	6020B
7439-92-1	Lead	1.2	1.2	0.84	ug/L	U		1	6020B
7439-95-4	Magnesium	200	200	46.9	ug/L	U		1	6020B
7439-96-5	Manganese	8.0	8.0	1.5	ug/L	U		1	6020B
7440-02-0	Nickel	4.0	4.0	0.91	ug/L	U		1	6020B
7440-09-7	Potassium	200	200	112	ug/L	U		1	6020B
7782-49-2	Selenium	2.5	2.5	0.59	ug/L	U		1	6020B
7440-22-4	Silver	2.0	2.0	0.29	ug/L	U		1	6020B
7440-23-5	Sodium	500	500	163	ug/L	U		1	6020B
7440-28-0	Thallium	0.80	0.80	0.21	ug/L	U		1	6020B
7440-62-2	Vanadium	4.0	4.0	0.68	ug/L	U		1	6020B
7440-66-6	Zinc	16.0	16.0	6.5	ug/L	U		1	6020B
7439-97-6	Mercury	0.20	0.20	0.091	ug/L	U		1	7470A

MT 8/10/22

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

6D

Client Sample ID: TRC-GW-FB
Lab Sample ID: 460-262473-6
Lab Name: Eurofins Edison
Job No.: 460-262473-1
SDG ID.:
Matrix: Water
Date Sampled: 07/20/2022 16:00
Reporting Basis: WET
Date Received: 07/20/2022 19:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum, Dissolved	40.0	40.0	19.5	ug/L	U		1	6020B
7440-36-0	Antimony, Dissolved	2.0	2.0	0.76	ug/L	U		1	6020B
7440-38-2	Arsenic, Dissolved	2.0	2.0	0.89	ug/L	U		1	6020B
7440-39-3	Barium, Dissolved	4.0	4.0	0.91	ug/L	U		1	6020B
7440-41-7	Beryllium, Dissolved	0.80	0.80	0.13	ug/L	U		1	6020B
7440-43-9	Cadmium, Dissolved	2.0	2.0	0.39	ug/L	U		1	6020B
7440-70-2	Calcium, Dissolved	500	500	53.6	ug/L	U		1	6020B
7440-47-3	Chromium, Dissolved	4.0	4.0	2.5	ug/L	U		1	6020B
7440-48-4	Cobalt, Dissolved	4.0	4.0	0.71	ug/L	U		1	6020B
7440-50-8	Copper, Dissolved	4.0	4.0	2.5	ug/L	U		1	6020B
7439-89-6	Iron, Dissolved	120	120	58.2	ug/L	U		1	6020B
7439-92-1	Lead, Dissolved	1.2	1.2	0.84	ug/L	U		1	6020B
7439-95-4	Magnesium, Dissolved	200	200	46.9	ug/L	U		1	6020B
7439-96-5	Manganese, Dissolved	8.0	8.0	1.5	ug/L	U		1	6020B
7440-02-0	Nickel, Dissolved	4.0	4.0	0.91	ug/L	U		1	6020B
7440-09-7	Potassium, Dissolved	200	200	112	ug/L	U		1	6020B
7782-49-2	Selenium, Dissolved	2.5	2.5	0.59	ug/L	U		1	6020B
7440-22-4	Silver, Dissolved	2.0	2.0	0.29	ug/L	U		1	6020B
7440-23-5	Sodium, Dissolved	268	500	163	ug/L	J		1	6020B
7440-28-0	Thallium, Dissolved	0.80	0.80	0.21	ug/L	U		1	6020B
7440-62-2	Vanadium, Dissolved	4.0	4.0	0.68	ug/L	U		1	6020B
7440-66-6	Zinc, Dissolved	16.0	16.0	6.5	ug/L	U		1	6020B
7439-97-6	Mercury, Dissolved	0.20	0.20	0.091	ug/L	U		1	7470A

MT 8/1/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: TRC-GW-04
Lab Sample ID: 460-262473-1
Lab Name: Eurofins Edison
Job No.: 460-262473-1
SDG ID.:
Matrix: Water
Date Sampled: 07/20/2022 09:45
Reporting Basis: WET
Date Received: 07/20/2022 19:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	10.0	10.0	4.0	ug/L	U		1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

2

Client Sample ID: TRC-GW-14
Lab Sample ID: 460-262473-2
Lab Name: Eurofins Edison
Job No.: 460-262473-1
SDG ID.:
Matrix: Water
Date Sampled: 07/20/2022 11:30
Reporting Basis: WET
Date Received: 07/20/2022 19:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	10.0	10.0	4.0	ug/L	U		1	9012B

MT 8/11/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

3

Client Sample ID: TRC-GW-15
Lab Sample ID: 460-262473-3
Lab Name: Eurofins Edison
Job No.: 460-262473-1
SDG ID.:
Matrix: Water
Date Sampled: 07/20/2022 13:40
Reporting Basis: WET
Date Received: 07/20/2022 19:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	10.0	10.0	4.0	ug/L	U		1	9012B

MT 8/11/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

4

Client Sample ID: TRC-GW-21
Lab Sample ID: 460-262473-4
Lab Name: Eurofins Edison
Job No.: 460-262473-1
SDG ID.:
Matrix: Water
Date Sampled: 07/20/2022 15:30
Reporting Basis: WET
Date Received: 07/20/2022 19:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	10.0	10.0	4.0	ug/L	U		1	9012B

MT 8/1/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

5

Client Sample ID: TRC-GW-DUP
Lab Sample ID: 460-262473-5
Lab Name: Eurofins Edison
Job No.: 460-262473-1
SDG ID.:
Matrix: Water
Date Sampled: 07/20/2022 10:00
Reporting Basis: WET
Date Received: 07/20/2022 19:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	10.0	10.0	4.0	ug/L	U		1	9012B

MT 8/11/22

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

6

Client Sample ID: TRC-GW-FB
Lab Sample ID: 460-262473-6
Lab Name: Eurofins Edison
Job No.: 460-262473-1
SDG ID.:
Matrix: Water
Date Sampled: 07/20/2022 16:00
Reporting Basis: WET
Date Received: 07/20/2022 19:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	10.0	10.0	4.0	ug/L	V U5		1	9012B

MT 8/10/22

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
NYSCA-PROPOSED PUBLIC SCHOOL K337, NEW YORK

Client: TRC Engineering, Inc., New York, New York
SDG: 460-310092-1
Laboratory: Eurofins Test America, Edison, New Jersey
Site: NYSCA-Proposed Public School K337, New York
Date: October 4, 2024

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	TRC-EB-08232024	460-310092-1	Water
2	TRC-SB-22(25-26)	460-310092-2	Soil
3	TRC-SB-DUP-01	460-310092-3	Soil
4	TRC-SB-22(68-69)	460-310092-4	Soil

A Data Usability Summary Review was performed on the analytical data for three soil samples and one aqueous equipment blank sample collected on August 23, 2024 by TRC at the NYSCA-Proposed Public School K337 in New York. The samples were analyzed under the "Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260D
SVOC	USEPA SW-846 Method 8270E

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number QA-HWSS-A-004, March 2022, Standard Operating Procedure for Validation of Volatile Data;
- SOP Number QA-HWSS-A-005, March 2022, Standard Operating Procedure for Validation of Semivolatile Data;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Holding times and sample preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tuning
- Initial and continuing calibration summaries
- Method blank and field blank contamination

- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Internal standard area and retention time summary forms
- Target Compound Identification
- Compound Quantitation
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOC)

Holding Times

- All samples were analyzed within 14 days for preserved water and soil samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- All continuing calibration criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were free of contamination.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-08232024	Carbon Disulfide	3.0	None	All Associated ND
	Methylene Chloride	0.73		

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples (LCS)

- The following table presents LCS percent recoveries (%R) values outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS/LCSD ID	Compound	%R	Qualifier	Affected Samples
460-992868/3	4-Methyl-2-pentanone	136%	None	All Associated ND
	Bromomethane	164%		

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- Several samples were analyzed at various dilutions due to high concentrations of target compounds. The reporting limits were adjusted accordingly. No action was required.

Tentatively Identified Compounds (TICs)

- TICs were qualified estimated (J) for unknown compounds and (NJ) for tentatively identified compounds.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was not acceptable for several compounds and the results are qualified estimated (J).

Compound	TRC-SB-22(25-26) mg/kg	TRC-SB-DUP-01 mg/kg	RPD	Qualifier
1,2,4-Trimethylbenzene	67	29	79%	J
1,3,5-Trimethylbenzene	26	11	81%	
4-Isopropyltoluene	5.3	2.4	75%	
Benzene	1.3	0.25	135%	None <5X RL
Cyclohexane	53	12	126%	J
Ethylbenzene	22	6.8	106%	
Hexane	94	21	127%	
Isopropylbenzene	5.9	2.1	95%	
Methylcyclohexane	180	46	119%	
m-Xylene & p-Xylene	110	34	106%	
Naphthalene	16	6.8	81%	
n-Butylbenzene	4.4	2.1	71%	None <5X RL
n-Heptane	180	50	113%	J
n-Propylbenzene	7.7	3.2	83%	
o-Xylene	40	13	102%	
sec-Butylbenzene	1.0U	0.95	NC	None
Tert-Butylbenzene	0.36	0.16	77%	None <5X RL
Toluene	29	7.3	120%	J
Xylenes, Total	150	47	105%	

Semivolatile Organic Compounds (SVOCs)

Holding Times

- All samples were extracted within 7 days for water samples and 14 days for soil samples and analyzed within 40 days for all samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) criteria and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected ® and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
08/24/24 (0824)	Benzaldehyde	41.8%	UJ	1
	Caprolactam	31.1%		
	di-n-Butyl phthalate	27.4%		
08/28/24 (0751)	Benzaldehyde	41.3%	UJ	2-4

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were free of contamination.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-08232024	None - ND	-	-	-

Surrogate Spike Recoveries

- The samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

- The following table presents LCS/LCSD percent recoveries (%R) and RPD values outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS/LCSD ID	Compound	LCS%R/LCSD%R/RPD	Qualifier	Affected Samples
460-992830/2-A+3-A	Hexachlorocyclopentadiene	159%/148%/OK	None	All Associated ND
460-992281/2-A+3-A	4-Chloroaniline	40%/40%/OK	UJ	1

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- TICs were qualified estimated (J) for unknown compounds, (NJ) for tentatively identified compounds, and (R) for aldol condensation products.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	TRC-SB-22(25-26) mg/kg	TRC-SB-DUP-01 mg/kg	RPD	Qualifier
2-Methylnaphthalene	0.074	0.11	39%	None <5X RL
Di-n-Butyl phthalate	0.025	0.035	33%	
Naphthalene	0.16	0.18	12%	None

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 10/7/24

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310092-1

SDG No.:

Client Sample ID: TRC-EB-08232024 | Lab Sample ID: 460-310092-1

Matrix: Water | Lab File ID: T681668.D

Analysis Method: 8260D | Date Collected: 08/23/2024 07:30

Sample wt/vol: 5(mL) | Date Analyzed: 08/28/2024 09:43

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 992868 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	3.0		1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison | Job No.: 460-310092-1

SDG No.:

Client Sample ID: TRC-EB-08232024 | Lab Sample ID: 460-310092-1

Matrix: Water | Lab File ID: T681668.D

Analysis Method: 8260D | Date Collected: 08/23/2024 07:30

Sample wt/vol: 5(mL) | Date Analyzed: 08/28/2024 09:43

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 992868 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
110-54-3	Hexane	1.0	U	1.0	0.39
540-84-1	Isooctane	1.0	U	1.0	0.28
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	0.73	J	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
91-20-3	Naphthalene	1.0	U	1.0	0.88
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
142-82-5	n-Heptane	5.0	U	5.0	2.1
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-310092-1

SDG No.:

Client Sample ID: TRC-SB-22(25-26) | Lab Sample ID: 460-310092-2

Matrix: Solid | Lab File ID: O20846.d

Analysis Method: 8260D | Date Collected: 08/23/2024 08:00

Sample wt/vol: 5.82(g) | Date Analyzed: 08/28/2024 21:50

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 500

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 9.1 % Solids: 90.9 | Level: (low/med) Medium

Analysis Batch No.: 992899 | Units: mg/Kg

Preparation Batch No.: 992338 | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.20
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
95-63-6	1,2,4-Trimethylbenzene	67	J	1.0	0.23
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.21
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
108-67-8	1,3,5-Trimethylbenzene	26	J	1.0	0.25
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	1.1
99-87-6	4-Isopropyltoluene	5.3	J	1.0	0.26
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.3		1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.67
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.40

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-310092-1

SDG No.:

Client Sample ID: TRC-SB-22(25-26) | Lab Sample ID: 460-310092-2

Matrix: Solid | Lab File ID: O20846.d

Analysis Method: 8260D | Date Collected: 08/23/2024 08:00

Sample wt/vol: 5.82(g) | Date Analyzed: 08/28/2024 21:50

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 500

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 9.1 % Solids: 90.9 | Level: (low/med) Medium

Analysis Batch No.: 992899 | Units: mg/Kg

Preparation Batch No.: 992338 | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	53	J	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	22	J	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
110-54-3	Hexane	94	J	1.0	0.39
540-84-1	Isooctane	1.0	U	1.0	0.12
98-82-8	Isopropylbenzene	5.9	J	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.78
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.21
108-87-2	Methylcyclohexane	180	J	1.0	0.72
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	110	J	1.0	0.28
91-20-3	Naphthalene	16	↓	1.0	0.88
104-51-8	n-Butylbenzene	4.4		1.0	0.27
142-82-5	n-Heptane	180	J	5.0	0.15
103-65-1	N-Propylbenzene	7.7	↓	1.0	0.29
95-47-6	o-Xylene	40	↓	1.0	0.32
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.31
100-42-5	Styrene	1.0	U	1.0	0.17
98-06-6	tert-Butylbenzene	0.36	J	1.0	0.28
127-18-4	Tetrachloroethene	1.0	U	1.0	0.36
108-88-3	Toluene	29	J	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.20
1330-20-7	Xylenes, Total	150	J	2.0	0.28

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

2

Lab Name: Eurofins Edison | Job No.: 460-310092-1

SDG No.:

Client Sample ID: TRC-SB-22(25-26) | Lab Sample ID: 460-310092-2

Matrix: Solid | Lab File ID: 020846.d

Analysis Method: 8260D | Date Collected: 08/23/2024 08:00

Sample wt/vol: 5.82(g) | Date Analyzed: 08/28/2024 21:50

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 500

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 9.1 % Solids: 90.9 | Level: (low/med) Medium

Analysis Batch No.: 992899 | Units: mg/Kg

Preparation Batch No.: 992338 | Instrument ID: CVOAMS12

Number TICs Found: 10 | TIC Result Total: 474

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
111-65-9	Octane	6.81	84	J N	NJ 91%
3073-66-3	Cyclohexane, 1,1,3-trimethyl-	7.81	27	J N	NJ 91%
	Unknown	8.13	31	J	J
2216-34-4	Octane, 4-methyl-	8.27	35	J N	NJ 83%
2216-33-3	Octane, 3-methyl-	8.44	28	J N	91%
111-84-2	Nonane	9.06	110	J N	91%
19489-10-2	cis-1-Ethyl-3-methyl-cyclohexane	9.43	26	J N	81%
	Unknown	9.94	31	J	J
620-14-4	Benzene, 1-ethyl-3-methyl-	10.99	50	J N	NJ 95%
124-18-5	Decane	11.24	52	J N	NJ 97%

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-310092-1

SDG No.:

Client Sample ID: TRC-SB-DUP-01 | Lab Sample ID: 460-310092-3

Matrix: Solid | Lab File ID: O20845.d

Analysis Method: 8260D | Date Collected: 08/23/2024 08:05

Sample wt/vol: 6.15(g) | Date Analyzed: 08/28/2024 21:24

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 5.8 % Solids: 94.2 | Level: (low/med) Medium

Analysis Batch No.: 992899 | Units: mg/Kg

Preparation Batch No.: 992338 | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.18	U	0.18	0.050
79-34-5	1,1,2,2-Tetrachloroethane	0.18	U	0.18	0.035
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.18	U	0.18	0.061
79-00-5	1,1,2-Trichloroethane	0.18	U	0.18	0.036
75-34-3	1,1-Dichloroethane	0.18	U	0.18	0.043
75-35-4	1,1-Dichloroethene	0.18	U	0.18	0.047
87-61-6	1,2,3-Trichlorobenzene	0.18	U	0.18	0.063
120-82-1	1,2,4-Trichlorobenzene	0.18	U	0.18	0.048
95-63-6	1,2,4-Trimethylbenzene	29	J	0.18	0.041
96-12-8	1,2-Dibromo-3-Chloropropane	0.18	U	0.18	0.038
95-50-1	1,2-Dichlorobenzene	0.18	U	0.18	0.039
107-06-2	1,2-Dichloroethane	0.18	U	0.18	0.045
78-87-5	1,2-Dichloropropane	0.18	U	0.18	0.032
108-67-8	1,3,5-Trimethylbenzene	11	J	0.18	0.045
541-73-1	1,3-Dichlorobenzene	0.18	U	0.18	0.059
106-46-7	1,4-Dichlorobenzene	0.18	U	0.18	0.060
78-93-3	2-Butanone (MEK)	0.89	U	0.89	0.39
591-78-6	2-Hexanone	0.89	U	0.89	0.20
99-87-6	4-Isopropyltoluene	2.4	J	0.18	0.047
108-10-1	4-Methyl-2-pentanone (MIBK)	0.89	U	0.89	0.23
67-64-1	Acetone	0.89	U	0.89	0.79
71-43-2	Benzene	0.25		0.18	0.036
75-25-2	Bromoform	0.18	U	0.18	0.032
74-83-9	Bromomethane	0.18	U	0.18	0.099
75-15-0	Carbon disulfide	0.18	U	0.18	0.12
56-23-5	Carbon tetrachloride	0.18	U	0.18	0.059
108-90-7	Chlorobenzene	0.18	U	0.18	0.043
74-97-5	Chlorobromomethane	0.18	U	0.18	0.054
124-48-1	Chlorodibromomethane	0.18	U	0.18	0.039
75-00-3	Chloroethane	0.18	U	0.18	0.066
67-66-3	Chloroform	0.18	U	0.18	0.039
74-87-3	Chloromethane	0.18	U	0.18	0.072

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-310092-1

SDG No.:

Client Sample ID: TRC-SB-DUP-01 | Lab Sample ID: 460-310092-3

Matrix: Solid | Lab File ID: O20845.d

Analysis Method: 8260D | Date Collected: 08/23/2024 08:05

Sample wt/vol: 6.15(g) | Date Analyzed: 08/28/2024 21:24

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 5.8 % Solids: 94.2 | Level: (low/med) Medium

Analysis Batch No.: 992899 | Units: mg/Kg

Preparation Batch No.: 992338 | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	0.18	U	0.18	0.047
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	0.040
110-82-7	Cyclohexane	12	J	0.18	0.047
75-27-4	Dichlorobromomethane	0.18	U	0.18	0.027
75-71-8	Dichlorodifluoromethane	0.18	U	0.18	0.055
100-41-4	Ethylbenzene	6.8	J	0.18	0.054
106-93-4	Ethylene Dibromide	0.18	U	0.18	0.034
110-54-3	Hexane	21	J	0.18	0.069
540-84-1	Isooctane	0.18	U	0.18	0.021
98-82-8	Isopropylbenzene	2.1	J	0.18	0.057
79-20-9	Methyl acetate	0.89	U	0.89	0.14
1634-04-4	Methyl tert-butyl ether	0.18	U	0.18	0.038
108-87-2	Methylcyclohexane	46	J	0.18	0.13
75-09-2	Methylene Chloride	0.18	U	0.18	0.038
179601-23-1	m-Xylene & p-Xylene	34	J	0.18	0.050
91-20-3	Naphthalene	6.8	J	0.18	0.16
104-51-8	n-Butylbenzene	2.1		0.18	0.048
142-82-5	n-Heptane	50	J	0.89	0.027
103-65-1	N-Propylbenzene	3.2		0.18	0.052
95-47-6	o-Xylene	13		0.18	0.057
135-98-8	sec-Butylbenzene	0.95		0.18	0.055
100-42-5	Styrene	0.18	U	0.18	0.030
98-06-6	tert-Butylbenzene	0.16	J	0.18	0.050
127-18-4	Tetrachloroethene	0.18	U	0.18	0.064
108-88-3	Toluene	7.3	J	0.18	0.045
156-60-5	trans-1,2-Dichloroethene	0.18	U	0.18	0.032
10061-02-6	trans-1,3-Dichloropropene	0.18	U	0.18	0.040
79-01-6	Trichloroethene	0.18	U	0.18	0.039
75-69-4	Trichlorofluoromethane	0.18	U	0.18	0.057
75-01-4	Vinyl chloride	0.18	U	0.18	0.036
1330-20-7	Xylenes, Total	47	J	0.36	0.050

MW 10/4/24

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

3

Lab Name: Eurofins Edison | Job No.: 460-310092-1

SDG No.:

Client Sample ID: TRC-SB-DUP-01 | Lab Sample ID: 460-310092-3

Matrix: Solid | Lab File ID: O20845.d

Analysis Method: 8260D | Date Collected: 08/23/2024 08:05

Sample wt/vol: 6.15(g) | Date Analyzed: 08/28/2024 21:24

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 5.8 % Solids: 94.2 | Level: (low/med) Medium

Analysis Batch No.: 992899 | Units: mg/Kg

Preparation Batch No.: 992338 | Instrument ID: CVOAMS12

Number TICs Found: 10 | TIC Result Total: 160.8

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
111-65-9	Octane	6.81	30	J N NJ	91%
3073-66-3	Cyclohexane, 1,1,3-trimethyl-	7.81	10	J N NJ	91%
	Unknown	8.13	11	J J	
3221-61-2	Octane, 2-methyl-	8.27	8.8	J N NJ	80%
2216-33-3	Octane, 3-methyl-	8.44	11	J N	91%
111-84-2	Nonane	9.06	39	J N	91%
19489-10-2	cis-1-Ethyl-3-methyl-cyclohexane	9.43	13	J N	87%
1678-92-8	Cyclohexane, propyl-	9.92	13	J N	93%
620-14-4	Benzene, 1-ethyl-3-methyl-	10.99	15	J N	95%
124-18-5	Decane	11.24	10	J N	94%

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-310092-1

SDG No.:

Client Sample ID: TRC-SB-22(68-69) | Lab Sample ID: 460-310092-4

Matrix: Solid | Lab File ID: D19240.D

Analysis Method: 8260D | Date Collected: 08/23/2024 12:10

Sample wt/vol: 7.24(g) | Date Analyzed: 08/29/2024 18:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 11.6 % Solids: 88.4 | Level: (low/med) Low

Analysis Batch No.: 993117 | Units: mg/Kg

Preparation Batch No.: 992339 | Instrument ID: CVOAMS4

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00078	U	0.00078	0.00018
79-34-5	1,1,2,2-Tetrachloroethane	0.00078	U	0.00078	0.00017
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00078	U	0.00078	0.00024
79-00-5	1,1,2-Trichloroethane	0.00078	U	0.00078	0.00014
75-34-3	1,1-Dichloroethane	0.00078	U	0.00078	0.00016
75-35-4	1,1-Dichloroethene	0.00078	U	0.00078	0.00018
87-61-6	1,2,3-Trichlorobenzene	0.00078	U	0.00078	0.00014
120-82-1	1,2,4-Trichlorobenzene	0.00078	U	0.00078	0.00028
95-63-6	1,2,4-Trimethylbenzene	0.00035	J	0.00078	0.00019
96-12-8	1,2-Dibromo-3-Chloropropane	0.00078	U	0.00078	0.00036
95-50-1	1,2-Dichlorobenzene	0.00078	U	0.00078	0.00028
107-06-2	1,2-Dichloroethane	0.00054	J	0.00078	0.00023
78-87-5	1,2-Dichloropropane	0.00078	U	0.00078	0.00033
108-67-8	1,3,5-Trimethylbenzene	0.00078	U	0.00078	0.00025
541-73-1	1,3-Dichlorobenzene	0.00078	U	0.00078	0.00029
106-46-7	1,4-Dichlorobenzene	0.00078	U	0.00078	0.00018
78-93-3	2-Butanone (MEK)	0.0039	U	0.0039	0.00029
591-78-6	2-Hexanone	0.0039	U	0.0039	0.0013
99-87-6	4-Isopropyltoluene	0.00078	U	0.00078	0.00023
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0039	U	0.0039	0.0012
67-64-1	Acetone	0.0093		0.0047	0.0045
71-43-2	Benzene	0.00078	U	0.00078	0.00020
75-25-2	Bromoform	0.00078	U	0.00078	0.00033
74-83-9	Bromomethane	0.0016	U	0.0016	0.00078
75-15-0	Carbon disulfide	0.00078	U	0.00078	0.00021
56-23-5	Carbon tetrachloride	0.00078	U	0.00078	0.00030
108-90-7	Chlorobenzene	0.00078	U	0.00078	0.00014
74-97-5	Chlorobromomethane	0.00078	U	0.00078	0.00022
124-48-1	Chlorodibromomethane	0.00078	U	0.00078	0.00015
75-00-3	Chloroethane	0.00078	U	0.00078	0.00041
67-66-3	Chloroform	0.00078	U	0.00078	0.00076
74-87-3	Chloromethane	0.00078	U	0.00078	0.00034

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-310092-1

SDG No.:

Client Sample ID: TRC-SB-22(68-69) | Lab Sample ID: 460-310092-4

Matrix: Solid | Lab File ID: D19240.D

Analysis Method: 8260D | Date Collected: 08/23/2024 12:10

Sample wt/vol: 7.24(g) | Date Analyzed: 08/29/2024 18:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 11.6 % Solids: 88.4 | Level: (low/med) Low

Analysis Batch No.: 993117 | Units: mg/Kg

Preparation Batch No.: 992339 | Instrument ID: CVOAMS4

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	0.00078	U	0.00078	0.00028
10061-01-5	cis-1,3-Dichloropropene	0.00078	U	0.00078	0.00021
110-82-7	Cyclohexane	0.00078	U	0.00078	0.00017
75-27-4	Dichlorobromomethane	0.00078	U	0.00078	0.00020
75-71-8	Dichlorodifluoromethane	0.00078	U	0.00078	0.00026
100-41-4	Ethylbenzene	0.00029	J	0.00078	0.00016
106-93-4	Ethylene Dibromide	0.00078	U	0.00078	0.00014
110-54-3	Hexane	0.00078	U	0.00078	0.00031
540-84-1	Isooctane	0.00078	U	0.00078	0.00051
98-82-8	Isopropylbenzene	0.00078	U	0.00078	0.00022
79-20-9	Methyl acetate	0.0039	U	0.0039	0.0034
1634-04-4	Methyl tert-butyl ether	0.016		0.00078	0.00040
108-87-2	Methylcyclohexane	0.00078	U	0.00078	0.00039
75-09-2	Methylene Chloride	0.0016	U	0.0016	0.00089
179601-23-1	m-Xylene & p-Xylene	0.0017		0.00078	0.00014
91-20-3	Naphthalene	0.0012	U	0.0012	0.00032
104-51-8	n-Butylbenzene	0.00078	U	0.00078	0.00023
142-82-5	n-Heptane	0.00078	U	0.00078	0.00026
103-65-1	N-Propylbenzene	0.00078	U	0.00078	0.00014
95-47-6	o-Xylene	0.00066	J	0.00078	0.00015
135-98-8	sec-Butylbenzene	0.00078	U	0.00078	0.00022
100-42-5	Styrene	0.00078	U	0.00078	0.00022
98-06-6	tert-Butylbenzene	0.00078	U	0.00078	0.00022
127-18-4	Tetrachloroethene	0.00078	U	0.00078	0.00024
108-88-3	Toluene	0.00041	J	0.00078	0.00018
156-60-5	trans-1,2-Dichloroethene	0.00078	U	0.00078	0.00019
10061-02-6	trans-1,3-Dichloropropene	0.00078	U	0.00078	0.00021
79-01-6	Trichloroethene	0.00078	U	0.00078	0.00025
75-69-4	Trichlorofluoromethane	0.00078	U	0.00078	0.00032
75-01-4	Vinyl chloride	0.00078	U	0.00078	0.00043
1330-20-7	Xylenes, Total	0.0023		0.0016	0.00014

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison Job No.: 460-310092-1

SDG No.:

Client Sample ID: TRC-EB-08232024 Lab Sample ID: 460-310092-1

Matrix: Water Lab File ID: A34538.D

Analysis Method: 8270E Date Collected: 08/23/2024 07:30

Extract. Method: 3510C Date Extracted: 08/25/2024 06:54

Sample wt/vol: 250(mL) Date Analyzed: 08/26/2024 17:18

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 992555 Units: ug/L

Preparation Batch No.: 992281 Instrument ID: CBNAMS16

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	1.2
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
123-91-1	1,4-Dioxane	10	U	10	1.6
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
51-28-5	2,4-Dinitrophenol	40	U	40	2.6
121-14-2	2,4-Dinitrotoluene	10	U	10	1.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
91-58-7	2-Chloronaphthalene	10	U	10	1.2
95-57-8	2-Chlorophenol	10	U	10	0.38
91-57-6	2-Methylnaphthalene	10	U	10	0.53
95-48-7	2-Methylphenol	10	U	10	0.67
88-74-4	2-Nitroaniline	10	U	10	0.47
88-75-5	2-Nitrophenol	10	U	10	0.75
15831-10-4	3 & 4 Methylphenol	10	U	10	0.64
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
99-09-2	3-Nitroaniline	10	U	10	1.9
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
106-47-8	4-Chloroaniline	10	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
106-44-5	4-Methylphenol	10	U	10	0.65
100-01-6	4-Nitroaniline	10	U	10	1.2
100-02-7	4-Nitrophenol	20	U	20	4.0
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
98-86-2	Acetophenone	10	U	10	2.3

NW 10/4/24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison Job No.: 460-310092-1

SDG No.:

Client Sample ID: TRC-EB-08232024 Lab Sample ID: 460-310092-1

Matrix: Water Lab File ID: A34538.D

Analysis Method: 8270E Date Collected: 08/23/2024 07:30

Extract. Method: 3510C Date Extracted: 08/25/2024 06:54

Sample wt/vol: 250(mL) Date Analyzed: 08/26/2024 17:18

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 992555 Units: ug/L

Preparation Batch No.: 992281 Instrument ID: CBNAMS16

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	10	U	10	1.3
1912-24-9	Atrazine	2.0	U	2.0	1.3
100-52-7	Benzaldehyde	10	~~U~~ UJ	10	2.1
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
105-60-2	Caprolactam	10	~~U~~ UJ	10	2.2
86-74-8	Carbazole	10	U	10	0.68
218-01-9	Chrysene	2.0	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
132-64-9	Dibenzofuran	10	U	10	1.1
84-66-2	Diethyl phthalate	10	U	10	0.98
131-11-3	Dimethyl phthalate	10	U	10	0.77
84-74-2	Di-n-butyl phthalate	10	~~U~~ UJ	10	0.84
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
98-95-3	Nitrobenzene	1.0	U	1.0	0.57

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison | Job No.: 460-310092-1

SDG No.:

Client Sample ID: TRC-EB-08232024 | Lab Sample ID: 460-310092-1

Matrix: Water | Lab File ID: A34538.D

Analysis Method: 8270E | Date Collected: 08/23/2024 07:30

Extract. Method: 3510C | Date Extracted: 08/25/2024 06:54

Sample wt/vol: 250(mL) | Date Analyzed: 08/26/2024 17:18

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 992555 | Units: ug/L

Preparation Batch No.: 992281 | Instrument ID: CBNAMS16

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89
87-86-5	Pentachlorophenol	20	U	20	1.4
85-01-8	Phenanthrene	10	U	10	1.3
108-95-2	Phenol	10	U	10	0.29
129-00-0	Pyrene	10	U	10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	84		37-150
321-60-8	2-Fluorobiphenyl	77		46-139
367-12-4	2-Fluorophenol (Surr)	34		16-80
4165-60-0	Nitrobenzene-d5 (Surr)	83		51-145
4165-62-2	Phenol-d5 (Surr)	25		10-56
1718-51-0	Terphenyl-d14 (Surr)	96		13-159

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-310092-1

SDG No.:

Client Sample ID: TRC-SB-22(25-26) | Lab Sample ID: 460-310092-2

Matrix: Solid | Lab File ID: X58771.d

Analysis Method: 8270E | Date Collected: 08/23/2024 08:00

Extract. Method: 3546 | Date Extracted: 08/27/2024 20:18

Sample wt/vol: 15.08(g) | Date Analyzed: 08/28/2024 10:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.1 % Solids: 90.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 992887 | Units: mg/Kg

Preparation Batch No.: 992830 | Instrument ID: CBNAMS5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.36	U	0.36	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011
123-91-1	1,4-Dioxane	0.036	U	0.036	0.032
58-90-2	2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025
95-95-4	2,4,5-Trichlorophenol	0.36	U	0.36	0.037
88-06-2	2,4,6-Trichlorophenol	0.15	U	0.15	0.047
120-83-2	2,4-Dichlorophenol	0.15	U	0.15	0.023
105-67-9	2,4-Dimethylphenol	0.36	U	0.36	0.043
51-28-5	2,4-Dinitrophenol	0.29	U	0.29	0.18
121-14-2	2,4-Dinitrotoluene	0.073	U	0.073	0.039
606-20-2	2,6-Dinitrotoluene	0.073	U	0.073	0.026
91-58-7	2-Chloronaphthalene	0.36	U	0.36	0.017
95-57-8	2-Chlorophenol	0.36	U	0.36	0.013
91-57-6	2-Methylnaphthalene	0.074	J	0.36	0.010
95-48-7	2-Methylphenol	0.36	U	0.36	0.014
88-74-4	2-Nitroaniline	0.36	U	0.36	0.028
88-75-5	2-Nitrophenol	0.36	U	0.36	0.036
15831-10-4	3 & 4 Methylphenol	0.36	U	0.36	0.023
91-94-1	3,3'-Dichlorobenzidine	0.15	U	0.15	0.055
99-09-2	3-Nitroaniline	0.36	U	0.36	0.086
534-52-1	4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15
101-55-3	4-Bromophenyl phenyl ether	0.36	U	0.36	0.014
59-50-7	4-Chloro-3-methylphenol	0.36	U	0.36	0.020
106-47-8	4-Chloroaniline	0.36	U	0.36	0.064
7005-72-3	4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013
106-44-5	4-Methylphenol	0.36	U	0.36	0.023
100-01-6	4-Nitroaniline	0.36	U	0.36	0.042
100-02-7	4-Nitrophenol	0.73	U	0.73	0.059
83-32-9	Acenaphthene	0.36	U	0.36	0.010
208-96-8	Acenaphthylene	0.36	U	0.36	0.010
98-86-2	Acetophenone	0.36	U	0.36	0.018

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-310092-1

SDG No.:

Client Sample ID: TRC-SB-22(25-26) | Lab Sample ID: 460-310092-2

Matrix: Solid | Lab File ID: X58771.d

Analysis Method: 8270E | Date Collected: 08/23/2024 08:00

Extract. Method: 3546 | Date Extracted: 08/27/2024 20:18

Sample wt/vol: 15.08(g) | Date Analyzed: 08/28/2024 10:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.1 % Solids: 90.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 992887 | Units: mg/Kg

Preparation Batch No.: 992830 | Instrument ID: CBNAMS5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	0.36	U	0.36	0.011
1912-24-9	Atrazine	0.15	U	0.15	0.021
100-52-7	Benzaldehyde	0.36	U UJ	0.36	0.060
56-55-3	Benzo[a]anthracene	0.036	U	0.036	0.027
50-32-8	Benzo[a]pyrene	0.036	U	0.036	0.0096
205-99-2	Benzo[b]fluoranthene	0.036	U	0.036	0.0094
191-24-2	Benzo[g,h,i]perylene	0.36	U	0.36	0.011
207-08-9	Benzo[k]fluoranthene	0.036	U	0.036	0.0071
111-91-1	Bis(2-chloroethoxy)methane	0.36	U	0.36	0.028
111-44-4	Bis(2-chloroethyl)ether	0.036	U	0.036	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019
85-68-7	Butyl benzyl phthalate	0.36	U	0.36	0.017
105-60-2	Caprolactam	0.36	U	0.36	0.056
86-74-8	Carbazole	0.36	U	0.36	0.014
218-01-9	Chrysene	0.36	U	0.36	0.015
53-70-3	Dibenz(a,h)anthracene	0.036	U	0.036	0.016
132-64-9	Dibenzofuran	0.36	U	0.36	0.012
84-66-2	Diethyl phthalate	0.36	U	0.36	0.012
131-11-3	Dimethyl phthalate	0.36	U	0.36	0.082
84-74-2	Di-n-butyl phthalate	0.025	J	0.36	0.014
117-84-0	Di-n-octyl phthalate	0.36	U	0.36	0.019
206-44-0	Fluoranthene	0.36	U	0.36	0.013
86-73-7	Fluorene	0.36	U	0.36	0.011
118-74-1	Hexachlorobenzene	0.036	U	0.036	0.017
87-68-3	Hexachlorobutadiene	0.073	U	0.073	0.0077
77-47-4	Hexachlorocyclopentadiene	0.36	U	0.36	0.032
67-72-1	Hexachloroethane	0.036	U	0.036	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014
78-59-1	Isophorone	0.15	U	0.15	0.10
91-20-3	Naphthalene	0.16	J	0.36	0.0063
98-95-3	Nitrobenzene	0.036	U	0.036	0.020

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison Job No.: 460-310092-1

SDG No.:

Client Sample ID: TRC-SB-22(25-26) Lab Sample ID: 460-310092-2

Matrix: Solid Lab File ID: X58771.d

Analysis Method: 8270E Date Collected: 08/23/2024 08:00

Extract. Method: 3546 Date Extracted: 08/27/2024 20:18

Sample wt/vol: 15.08(g) Date Analyzed: 08/28/2024 10:56

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.1 % Solids: 90.9 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 992887 Units: mg/Kg

Preparation Batch No.: 992830 Instrument ID: CBNAMS5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
621-64-7	N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026
86-30-6	N-Nitrosodiphenylamine	0.36	U	0.36	0.030
87-86-5	Pentachlorophenol	0.29	U	0.29	0.074
85-01-8	Phenanthrene	0.36	U	0.36	0.015
108-95-2	Phenol	0.36	U	0.36	0.013
129-00-0	Pyrene	0.36	U	0.36	0.0090
108-60-1	2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	93		24-137
321-60-8	2-Fluorobiphenyl	86		38-128
367-12-4	2-Fluorophenol (Surr)	91		31-133
4165-60-0	Nitrobenzene-d5 (Surr)	86		31-120
4165-62-2	Phenol-d5 (Surr)	90		35-132
1718-51-0	Terphenyl-d14 (Surr)	91		44-147

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

2

Lab Name: Eurofins Edison | Job No.: 460-310092-1

SDG No.:

Client Sample ID: TRC-SB-22(25-26) | Lab Sample ID: 460-310092-2

Matrix: Solid | Lab File ID: X58771.d

Analysis Method: 8270E | Date Collected: 08/23/2024 08:00

Extract. Method: 3546 | Date Extracted: 08/27/2024 20:18

Sample wt/vol: 15.08(g) | Date Analyzed: 08/28/2024 10:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.1 % Solids: 90.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 992887 | Units: mg/Kg

Preparation Batch No.: 992830 | Instrument ID: CBNAMS5

Number TICs Found: 6 | TIC Result Total: 3.65

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.58	0.49	J	
111-84-2	Nonane	3.11	0.64	J N	97%
620-14-4	Benzene, 1-ethyl-3-methyl-	3.69	0.44	J N	95%
124-18-5	Decane	3.98	1.2	J N	92%
934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	4.45	0.30	J N	96%
1120-21-4	Undecane	4.72	0.58	J N	91%

RJ NJ

FORM I-TIC 8270E

MW 10/4/24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-310092-1

SDG No.:

Client Sample ID: TRC-SB-DUP-01 | Lab Sample ID: 460-310092-3

Matrix: Solid | Lab File ID: X58772.d

Analysis Method: 8270E | Date Collected: 08/23/2024 08:05

Extract. Method: 3546 | Date Extracted: 08/27/2024 20:18

Sample wt/vol: 15.04(g) | Date Analyzed: 08/28/2024 11:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 5.8 % Solids: 94.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 992887 | Units: mg/Kg

Preparation Batch No.: 992830 | Instrument ID: CBNAMS5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.35	U	0.35	0.012
95-94-3	1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011
123-91-1	1,4-Dioxane	0.035	U	0.035	0.031
58-90-2	2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024
95-95-4	2,4,5-Trichlorophenol	0.35	U	0.35	0.036
88-06-2	2,4,6-Trichlorophenol	0.14	U	0.14	0.045
120-83-2	2,4-Dichlorophenol	0.14	U	0.14	0.022
105-67-9	2,4-Dimethylphenol	0.35	U	0.35	0.042
51-28-5	2,4-Dinitrophenol	0.28	U	0.28	0.17
121-14-2	2,4-Dinitrotoluene	0.071	U	0.071	0.038
606-20-2	2,6-Dinitrotoluene	0.071	U	0.071	0.025
91-58-7	2-Chloronaphthalene	0.35	U	0.35	0.016
95-57-8	2-Chlorophenol	0.35	U	0.35	0.012
91-57-6	2-Methylnaphthalene	0.11	J	0.35	0.0098
95-48-7	2-Methylphenol	0.35	U	0.35	0.013
88-74-4	2-Nitroaniline	0.35	U	0.35	0.027
88-75-5	2-Nitrophenol	0.35	U	0.35	0.035
15831-10-4	3 & 4 Methylphenol	0.35	U	0.35	0.022
91-94-1	3,3'-Dichlorobenzidine	0.14	U	0.14	0.053
99-09-2	3-Nitroaniline	0.35	U	0.35	0.083
534-52-1	4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14
101-55-3	4-Bromophenyl phenyl ether	0.35	U	0.35	0.014
59-50-7	4-Chloro-3-methylphenol	0.35	U	0.35	0.020
106-47-8	4-Chloroaniline	0.35	U	0.35	0.062
7005-72-3	4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012
106-44-5	4-Methylphenol	0.35	U	0.35	0.022
100-01-6	4-Nitroaniline	0.35	U	0.35	0.040
100-02-7	4-Nitrophenol	0.71	U	0.71	0.057
83-32-9	Acenaphthene	0.35	U	0.35	0.010
208-96-8	Acenaphthylene	0.35	U	0.35	0.010
98-86-2	Acetophenone	0.35	U	0.35	0.017

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-310092-1

SDG No.:

Client Sample ID: TRC-SB-DUP-01 | Lab Sample ID: 460-310092-3

Matrix: Solid | Lab File ID: X58772.d

Analysis Method: 8270E | Date Collected: 08/23/2024 08:05

Extract. Method: 3546 | Date Extracted: 08/27/2024 20:18

Sample wt/vol: 15.04(g) | Date Analyzed: 08/28/2024 11:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 5.8 % Solids: 94.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 992887 | Units: mg/Kg

Preparation Batch No.: 992830 | Instrument ID: CBNAMS5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	0.35	U	0.35	0.011
1912-24-9	Atrazine	0.14	U	0.14	0.021
100-52-7	Benzaldehyde	0.35	U J	0.35	0.058
56-55-3	Benzo[a]anthracene	0.035	U	0.035	0.026
50-32-8	Benzo[a]pyrene	0.035	U	0.035	0.0093
205-99-2	Benzo[b]fluoranthene	0.035	U	0.035	0.0091
191-24-2	Benzo[g,h,i]perylene	0.35	U	0.35	0.010
207-08-9	Benzo[k]fluoranthene	0.035	U	0.035	0.0069
111-91-1	Bis(2-chloroethoxy)methane	0.35	U	0.35	0.027
111-44-4	Bis(2-chloroethyl)ether	0.035	U	0.035	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019
85-68-7	Butyl benzyl phthalate	0.35	U	0.35	0.016
105-60-2	Caprolactam	0.35	U	0.35	0.055
86-74-8	Carbazole	0.35	U	0.35	0.013
218-01-9	Chrysene	0.35	U	0.35	0.015
53-70-3	Dibenz(a,h)anthracene	0.035	U	0.035	0.015
132-64-9	Dibenzofuran	0.35	U	0.35	0.012
84-66-2	Diethyl phthalate	0.35	U	0.35	0.011
131-11-3	Dimethyl phthalate	0.35	U	0.35	0.080
84-74-2	Di-n-butyl phthalate	0.035	J	0.35	0.013
117-84-0	Di-n-octyl phthalate	0.35	U	0.35	0.019
206-44-0	Fluoranthene	0.35	U	0.35	0.012
86-73-7	Fluorene	0.35	U	0.35	0.010
118-74-1	Hexachlorobenzene	0.035	U	0.035	0.017
87-68-3	Hexachlorobutadiene	0.071	U	0.071	0.0075
77-47-4	Hexachlorocyclopentadiene	0.35	U	0.35	0.031
67-72-1	Hexachloroethane	0.035	U	0.035	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014
78-59-1	Isophorone	0.14	U	0.14	0.10
91-20-3	Naphthalene	0.18	J	0.35	0.0061
98-95-3	Nitrobenzene	0.035	U	0.035	0.019

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-310092-1

SDG No.:

Client Sample ID: TRC-SB-DUP-01 | Lab Sample ID: 460-310092-3

Matrix: Solid | Lab File ID: X58772.d

Analysis Method: 8270E | Date Collected: 08/23/2024 08:05

Extract. Method: 3546 | Date Extracted: 08/27/2024 20:18

Sample wt/vol: 15.04(g) | Date Analyzed: 08/28/2024 11:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 5.8 % Solids: 94.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 992887 | Units: mg/Kg

Preparation Batch No.: 992830 | Instrument ID: CBNAMS5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
621-64-7	N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025
86-30-6	N-Nitrosodiphenylamine	0.35	U	0.35	0.029
87-86-5	Pentachlorophenol	0.28	U	0.28	0.072
85-01-8	Phenanthrene	0.35	U	0.35	0.014
108-95-2	Phenol	0.35	U	0.35	0.013
129-00-0	Pyrene	0.35	U	0.35	0.0087
108-60-1	2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	90		24-137
321-60-8	2-Fluorobiphenyl	83		38-128
367-12-4	2-Fluorophenol (Surr)	90		31-133
4165-60-0	Nitrobenzene-d5 (Surr)	83		31-120
4165-62-2	Phenol-d5 (Surr)	88		35-132
1718-51-0	Terphenyl-d14 (Surr)	88		44-147

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

3

Lab Name: Eurofins Edison | Job No.: 460-310092-1

SDG No.:

Client Sample ID: TRC-SB-DUP-01 | Lab Sample ID: 460-310092-3

Matrix: Solid | Lab File ID: X58772.d

Analysis Method: 8270E | Date Collected: 08/23/2024 08:05

Extract. Method: 3546 | Date Extracted: 08/27/2024 20:18

Sample wt/vol: 15.04(g) | Date Analyzed: 08/28/2024 11:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 5.8 % Solids: 94.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 992887 | Units: mg/Kg

Preparation Batch No.: 992830 | Instrument ID: CBNAMS5

Number TICs Found: 8 | TIC Result Total: 4.85

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.58	0.44	J	
	Unknown	2.79	0.29	J	
111-84-2	Nonane	3.11	0.72	J N	94%
620-14-4	Benzene, 1-ethyl-3-methyl-	3.69	0.53	J N	95%
95-63-6	Benzene, 1,2,4-trimethyl-	3.98	1.5	J N	90%
108-67-8	Benzene, 1,3,5-trimethyl-	4.19	0.35	J N	97%
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	4.45	0.37	J N	94%
1120-21-4	Undecane	4.72	0.65	J N	91%

FORM I-TIC 8270E

MW 10/4/24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-310092-1

SDG No.:

Client Sample ID: TRC-SB-22(68-69) | Lab Sample ID: 460-310092-4

Matrix: Solid | Lab File ID: X58773.d

Analysis Method: 8270E | Date Collected: 08/23/2024 12:10

Extract. Method: 3546 | Date Extracted: 08/27/2024 20:18

Sample wt/vol: 15.02(g) | Date Analyzed: 08/28/2024 11:42

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 11.6 % Solids: 88.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 992887 | Units: mg/Kg

Preparation Batch No.: 992830 | Instrument ID: CBNAMS5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.37	U	0.37	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012
123-91-1	1,4-Dioxane	0.037	U	0.037	0.033
58-90-2	2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025
95-95-4	2,4,5-Trichlorophenol	0.37	U	0.37	0.038
88-06-2	2,4,6-Trichlorophenol	0.15	U	0.15	0.048
120-83-2	2,4-Dichlorophenol	0.15	U	0.15	0.024
105-67-9	2,4-Dimethylphenol	0.37	U	0.37	0.045
51-28-5	2,4-Dinitrophenol	0.30	U	0.30	0.18
121-14-2	2,4-Dinitrotoluene	0.076	U	0.076	0.040
606-20-2	2,6-Dinitrotoluene	0.076	U	0.076	0.027
91-58-7	2-Chloronaphthalene	0.37	U	0.37	0.017
95-57-8	2-Chlorophenol	0.37	U	0.37	0.013
91-57-6	2-Methylnaphthalene	0.37	U	0.37	0.010
95-48-7	2-Methylphenol	0.37	U	0.37	0.014
88-74-4	2-Nitroaniline	0.37	U	0.37	0.028
88-75-5	2-Nitrophenol	0.37	U	0.37	0.037
15831-10-4	3 & 4 Methylphenol	0.37	U	0.37	0.023
91-94-1	3,3'-Dichlorobenzidine	0.15	U	0.15	0.056
99-09-2	3-Nitroaniline	0.37	U	0.37	0.089
534-52-1	4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15
101-55-3	4-Bromophenyl phenyl ether	0.37	U	0.37	0.015
59-50-7	4-Chloro-3-methylphenol	0.37	U	0.37	0.021
106-47-8	4-Chloroaniline	0.37	U	0.37	0.066
7005-72-3	4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013
106-44-5	4-Methylphenol	0.37	U	0.37	0.023
100-01-6	4-Nitroaniline	0.37	U	0.37	0.043
100-02-7	4-Nitrophenol	0.76	U	0.76	0.061
83-32-9	Acenaphthene	0.37	U	0.37	0.011
208-96-8	Acenaphthylene	0.37	U	0.37	0.011
98-86-2	Acetophenone	0.37	U	0.37	0.018

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-310092-1

SDG No.:

Client Sample ID: TRC-SB-22(68-69) | Lab Sample ID: 460-310092-4

Matrix: Solid | Lab File ID: X58773.d

Analysis Method: 8270E | Date Collected: 08/23/2024 12:10

Extract. Method: 3546 | Date Extracted: 08/27/2024 20:18

Sample wt/vol: 15.02(g) | Date Analyzed: 08/28/2024 11:42

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 11.6 % Solids: 88.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 992887 | Units: mg/Kg

Preparation Batch No.: 992830 | Instrument ID: CBNAMS5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	0.37	U	0.37	0.011
1912-24-9	Atrazine	0.15	U	0.15	0.022
100-52-7	Benzaldehyde	0.37	~~U~~ UJ	0.37	0.062
56-55-3	Benzo[a]anthracene	0.037	U	0.037	0.028
50-32-8	Benzo[a]pyrene	0.037	U	0.037	0.010
205-99-2	Benzo[b]fluoranthene	0.037	U	0.037	0.0097
191-24-2	Benzo[g,h,i]perylene	0.37	U	0.37	0.011
207-08-9	Benzo[k]fluoranthene	0.037	U	0.037	0.0073
111-91-1	Bis(2-chloroethoxy)methane	0.37	U	0.37	0.029
111-44-4	Bis(2-chloroethyl)ether	0.037	U	0.037	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020
85-68-7	Butyl benzyl phthalate	0.37	U	0.37	0.018
105-60-2	Caprolactam	0.37	U	0.37	0.058
86-74-8	Carbazole	0.37	U	0.37	0.014
218-01-9	Chrysene	0.37	U	0.37	0.016
53-70-3	Dibenz(a,h)anthracene	0.037	U	0.037	0.016
132-64-9	Dibenzofuran	0.37	U	0.37	0.012
84-66-2	Diethyl phthalate	0.37	U	0.37	0.012
131-11-3	Dimethyl phthalate	0.37	U	0.37	0.085
84-74-2	Di-n-butyl phthalate	0.023	J	0.37	0.014
117-84-0	Di-n-octyl phthalate	0.37	U	0.37	0.020
206-44-0	Fluoranthene	0.37	U	0.37	0.013
86-73-7	Fluorene	0.37	U	0.37	0.011
118-74-1	Hexachlorobenzene	0.037	U	0.037	0.018
87-68-3	Hexachlorobutadiene	0.076	U	0.076	0.0080
77-47-4	Hexachlorocyclopentadiene	0.37	U /	0.37	0.033
67-72-1	Hexachloroethane	0.037	U	0.037	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.015
78-59-1	Isophorone	0.15	U	0.15	0.11
91-20-3	Naphthalene	0.37	U	0.37	0.0065
98-95-3	Nitrobenzene	0.037	U	0.037	0.021

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-310092-1

SDG No.:

Client Sample ID: TRC-SB-22(68-69) | Lab Sample ID: 460-310092-4

Matrix: Solid | Lab File ID: X58773.d

Analysis Method: 8270E | Date Collected: 08/23/2024 12:10

Extract. Method: 3546 | Date Extracted: 08/27/2024 20:18

Sample wt/vol: 15.02(g) | Date Analyzed: 08/28/2024 11:42

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 11.6 % Solids: 88.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 992887 | Units: mg/Kg

Preparation Batch No.: 992830 | Instrument ID: CBNAMS5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
621-64-7	N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027
86-30-6	N-Nitrosodiphenylamine	0.37	U	0.37	0.031
87-86-5	Pentachlorophenol	0.30	U	0.30	0.077
85-01-8	Phenanthrene	0.37	U	0.37	0.015
108-95-2	Phenol	0.37	U	0.37	0.014
129-00-0	Pyrene	0.37	U	0.37	0.0093
108-60-1	2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	88		24-137
321-60-8	2-Fluorobiphenyl	79		38-128
367-12-4	2-Fluorophenol (Surr)	88		31-133
4165-60-0	Nitrobenzene-d5 (Surr)	80		31-120
4165-62-2	Phenol-d5 (Surr)	88		35-132
1718-51-0	Terphenyl-d14 (Surr)	88		44-147

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

4

Lab Name: Eurofins Edison | Job No.: 460-310092-1

SDG No.:

Client Sample ID: TRC-SB-22(68-69) | Lab Sample ID: 460-310092-4

Matrix: Solid | Lab File ID: X58773.d

Analysis Method: 8270E | Date Collected: 08/23/2024 12:10

Extract. Method: 3546 | Date Extracted: 08/27/2024 20:18

Sample wt/vol: 15.02(g) | Date Analyzed: 08/28/2024 11:42

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 11.6 % Solids: 88.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 992887 | Units: mg/Kg

Preparation Batch No.: 992830 | Instrument ID: CBNAMS5

Number TICs Found: 1 | TIC Result Total: 0.4

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.58	0.40	~~J~~ R	

FORM I-TIC 8270E

MW 10/4/24

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
NYSCA-PROPOSED PUBLIC SCHOOL K337, NEW YORK

Client: TRC Engineering, Inc., New York, New York
SDG: 460-310212-1
Laboratory: Eurofins Test America, Edison, New Jersey
Site: NYSCA-Proposed Public School K337, New York
Date: October 4, 2024

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	TRC-EB-08262024	460-310212-1	Water
2	TRC-SB-22-W(32-33)	460-310212-2	Soil
3	TRC-SB-22-W(57-58)	460-310212-3	Soil

A Data Usability Summary Review was performed on the analytical data for two soil samples and one aqueous equipment blank sample collected on August 26, 2024 by TRC at the NYSCA-Proposed Public School K337 in New York. The samples were analyzed under the "Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260D
SVOC	USEPA SW-846 Method 8270E

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number QA-HWSS-A-004, March 2022, Standard Operating Procedure for Validation of Volatile Data;
- SOP Number QA-HWSS-A-005, March 2022, Standard Operating Procedure for Validation of Semivolatile Data;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Holding times and sample preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tuning
- Initial and continuing calibration summaries
- Method blank and field blank contamination
- Surrogate Spike recoveries

- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Internal standard area and retention time summary forms
- Target Compound Identification
- Compound Quantitation
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOC)

Holding Times

- All samples were analyzed within 14 days for preserved water and soil samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) criteria and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
08/29/24 (1841)	Bromomethane	39.7%	UJ	2, 3
	Bromoform	24.4%		

Method Blank

- The following table lists method blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations of methylene chloride, 2-butanone, toluene or acetone (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds, an action level of five times (5x) the highest associated blank concentration is used.

Sample ID	Compound	Conc. mg/kg	Qualifier	Affected Samples
460-992734/1-A	Acetone	0.0124	U	2, 3

Field Blank

- The following table lists field QC samples with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations of acetone, 2-butanone and methylene chloride (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds, an action level of five times (5x) the highest associated blank concentration is used.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-08262024	Methylene Chloride	0.46	None	All Associated ND

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

- The LCS/LCSD samples exhibited acceptable percent recoveries (%R) and RPD values.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- TICs were qualified estimated (J) for unknown compounds and (NJ) for tentatively identified compounds.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Semivolatile Organic Compounds (SVOCs)

Holding Times

- All samples were extracted within 7 days for water samples and 14 days for soil samples and analyzed within 40 days for all samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) criteria and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected ® and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
08/28/24 (1904)	Benzaldehyde	41.3%	UJ	2, 3
08/28/24 (1401)	Benzaldehyde	46.7%	UJ	1

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were free of contamination.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-08262024	None - ND	-	-	-

Surrogate Spike Recoveries

- The following table presents surrogate percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

Sample ID	Surrogate	%R	Qualifier
1	Phenol-d5	58%	None for 1 out per Fraction

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

- The following table presents LCS/LCSD percent recoveries (%R) and RPD values outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS/LCSD ID	Compound	LCS%R/LCSD%R/RPD	Qualifier	Affected Samples
460-992927/2-A+3-A	5 Compounds	High/High/OK	None	All Associated ND

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- TICs were qualified estimated (J) for unknown compounds and (NJ) for tentatively identified compounds.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 10/7/24

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310212-1

SDG No.:

Client Sample ID: TRC-EB-08262024 | Lab Sample ID: 460-310212-1

Matrix: Water | Lab File ID: J07996.D

Analysis Method: 8260D | Date Collected: 08/26/2024 09:55

Sample wt/vol: 5(mL) | Date Analyzed: 08/29/2024 16:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 993176 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.40	U	1.0	0.40
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
75-00-3	Chloroethane	0.32	U	1.0	0.32
75-09-2	Methylene Chloride	0.46	J	1.0	0.32
67-64-1	Acetone	4.4	U	5.0	4.4
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
67-66-3	Chloroform	0.33	U	1.0	0.33
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
71-43-2	Benzene	0.20	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
75-25-2	Bromoform	0.54	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
591-78-6	2-Hexanone	1.1	U	5.0	1.1
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
108-88-3	Toluene	0.38	U	1.0	0.38
108-90-7	Chlorobenzene	0.38	U	1.0	0.38

NW 10/4/24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310212-1
SDG No.:
Client Sample ID: TRC-EB-08262024 | Lab Sample ID: 460-310212-1
Matrix: Water | Lab File ID: J07996.D
Analysis Method: 8260D | Date Collected: 08/26/2024 09:55
Sample wt/vol: 5(mL) | Date Analyzed: 08/29/2024 16:55
Soil Aliquot Vol: | Dilution Factor: 1
Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)
Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:
% Moisture: % Solids: | Level: (low/med) Low
Analysis Batch No.: 993176 | Units: ug/L
Preparation Batch No.: | Instrument ID: VOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
100-42-5	Styrene	0.42	U	1.0	0.42
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
110-54-3	Hexane	0.39	U	1.0	0.39
110-82-7	Cyclohexane	0.32	U	1.0	0.32
142-82-5	n-Heptane	2.1	U	5.0	2.1
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
91-20-3	Naphthalene	0.88	U	1.0	0.88
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
79-20-9	Methyl acetate	0.79	U	5.0	0.79
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
540-84-1	Isooctane	0.28	U	1.0	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310212-1

SDG No.:

Client Sample ID: TRC-SB-22-W(32-33) | Lab Sample ID: 460-310212-2

Matrix: Solid | Lab File ID: D19254.D

Analysis Method: 8260D | Date Collected: 08/26/2024 12:25

Sample wt/vol: 6.81(g) | Date Analyzed: 08/29/2024 23:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 11.0 % Solids: 89.0 | Level: (low/med) Low

Analysis Batch No.: 993265 | Units: mg/Kg

Preparation Batch No.: 992734 | Instrument ID: VOAMS4

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00019	U	0.00083	0.00019
79-34-5	1,1,2,2-Tetrachloroethane	0.00018	U	0.00083	0.00018
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00025	U	0.00083	0.00025
79-00-5	1,1,2-Trichloroethane	0.00015	U	0.00083	0.00015
75-34-3	1,1-Dichloroethane	0.00017	U	0.00083	0.00017
75-35-4	1,1-Dichloroethene	0.00019	U	0.00083	0.00019
87-61-6	1,2,3-Trichlorobenzene	0.00015	U	0.00083	0.00015
120-82-1	1,2,4-Trichlorobenzene	0.00030	U	0.00083	0.00030
95-63-6	1,2,4-Trimethylbenzene	0.0072		0.00083	0.00020
96-12-8	1,2-Dibromo-3-Chloropropane	0.00038	U	0.00083	0.00038
95-50-1	1,2-Dichlorobenzene	0.00030	U	0.00083	0.00030
107-06-2	1,2-Dichloroethane	0.00024	U	0.00083	0.00024
78-87-5	1,2-Dichloropropane	0.00035	U	0.00083	0.00035
108-67-8	1,3,5-Trimethylbenzene	0.0020		0.00083	0.00026
541-73-1	1,3-Dichlorobenzene	0.00030	U	0.00083	0.00030
106-46-7	1,4-Dichlorobenzene	0.00019	U	0.00083	0.00019
78-93-3	2-Butanone (MEK)	0.0034	J	0.0041	0.00030
591-78-6	2-Hexanone	0.0014	U	0.0041	0.0014
99-87-6	4-Isopropyltoluene	0.00039	J	0.00083	0.00025
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0013	U	0.0041	0.0013
67-64-1	Acetone	0.025	J U	0.0050	0.0047
71-43-2	Benzene	0.0040		0.00083	0.00021
75-25-2	Bromoform	0.00035	J UJ	0.00083	0.00035
74-83-9	Bromomethane	0.00083	J UJ	0.0017	0.00083
75-15-0	Carbon disulfide	0.00022	U	0.00083	0.00022
56-23-5	Carbon tetrachloride	0.00032	U	0.00083	0.00032
108-90-7	Chlorobenzene	0.00015	U	0.00083	0.00015
74-97-5	Chlorobromomethane	0.00023	U	0.00083	0.00023
124-48-1	Chlorodibromomethane	0.00016	U	0.00083	0.00016
75-00-3	Chloroethane	0.00043	U	0.00083	0.00043
67-66-3	Chloroform	0.00080	U	0.00083	0.00080
74-87-3	Chloromethane	0.00036	U	0.00083	0.00036

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-310212-1

SDG No.:

Client Sample ID: TRC-SB-22-W(32-33) | Lab Sample ID: 460-310212-2

Matrix: Solid | Lab File ID: D19254.D

Analysis Method: 8260D | Date Collected: 08/26/2024 12:25

Sample wt/vol: 6.81(g) | Date Analyzed: 08/29/2024 23:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 11.0 % Solids: 89.0 | Level: (low/med) Low

Analysis Batch No.: 993265 | Units: mg/Kg

Preparation Batch No.: 992734 | Instrument ID: VOAMS4

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	0.00030	U	0.00083	0.00030
10061-01-5	cis-1,3-Dichloropropene	0.00023	U	0.00083	0.00023
110-82-7	Cyclohexane	0.0052		0.00083	0.00018
75-27-4	Dichlorobromomethane	0.00021	U	0.00083	0.00021
75-71-8	Dichlorodifluoromethane	0.00028	U	0.00083	0.00028
100-41-4	Ethylbenzene	0.0045		0.00083	0.00016
106-93-4	Ethylene Dibromide	0.00015	U	0.00083	0.00015
110-54-3	Hexane	0.0062		0.00083	0.00033
540-84-1	Isooctane	0.00054	U	0.00083	0.00054
98-82-8	Isopropylbenzene	0.00068	J	0.00083	0.00024
79-20-9	Methyl acetate	0.0035	U	0.0041	0.0035
1634-04-4	Methyl tert-butyl ether	0.00042	U	0.00083	0.00042
108-87-2	Methylcyclohexane	0.0063		0.00083	0.00041
75-09-2	Methylene Chloride	0.00094	U	0.0017	0.00094
179601-23-1	m-Xylene & p-Xylene	0.018		0.00083	0.00014
91-20-3	Naphthalene	0.0031		0.0012	0.00034
104-51-8	n-Butylbenzene	0.00026	J	0.00083	0.00024
142-82-5	n-Heptane	0.0039		0.00083	0.00028
103-65-1	N-Propylbenzene	0.00087		0.00083	0.00014
95-47-6	o-Xylene	0.0076		0.00083	0.00016
135-98-8	sec-Butylbenzene	0.00024	U	0.00083	0.00024
100-42-5	Styrene	0.00023	U	0.00083	0.00023
98-06-6	tert-Butylbenzene	0.00023	U	0.00083	0.00023
127-18-4	Tetrachloroethene	0.00025	U	0.00083	0.00025
108-88-3	Toluene	0.0051		0.00083	0.00019
156-60-5	trans-1,2-Dichloroethene	0.00020	U	0.00083	0.00020
10061-02-6	trans-1,3-Dichloropropene	0.00022	U	0.00083	0.00022
79-01-6	Trichloroethene	0.00026	U	0.00083	0.00026
75-69-4	Trichlorofluoromethane	0.00034	U	0.00083	0.00034
75-01-4	Vinyl chloride	0.00045	U	0.00083	0.00045
1330-20-7	Xylenes, Total	0.025		0.0017	0.00014

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

2

Lab Name: Eurofins Edison | Job No.: 460-310212-1

SDG No.:

Client Sample ID: TRC-SB-22-W(32-33) | Lab Sample ID: 460-310212-2

Matrix: Solid | Lab File ID: D19254.D

Analysis Method: 8260D | Date Collected: 08/26/2024 12:25

Sample wt/vol: 6.81(g) | Date Analyzed: 08/29/2024 23:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 11.0 % Solids: 89.0 | Level: (low/med) Low

Analysis Batch No.: 993265 | Units: mg/Kg

Preparation Batch No.: 992734 | Instrument ID: VOAMS4

Number TICs Found: 4 | TIC Result Total: 0.0228

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
78-78-4	Butane, 2-methyl-	2.11	0.0050	J N	91%
109-66-0	Pentane	2.36	0.0069	J N	91%
96-37-7	Cyclopentane, methyl-	4.42	0.0050	J N	94%
611-14-3	Benzene, 1-ethyl-2-methyl-	10.37	0.0059	J N	95%

NJ

AW 10/4/24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-310212-1

SDG No.:

Client Sample ID: TRC-SB-22-W(57-58) | Lab Sample ID: 460-310212-3

Matrix: Solid | Lab File ID: D19255.D

Analysis Method: 8260D | Date Collected: 08/26/2024 13:40

Sample wt/vol: 5.88(g) | Date Analyzed: 08/30/2024 00:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 14.9 % Solids: 85.1 | Level: (low/med) Low

Analysis Batch No.: 993265 | Units: mg/Kg

Preparation Batch No.: 992734 | Instrument ID: VOAMS4

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.00021	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.00022	U	0.0010	0.00022
87-61-6	1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036
95-63-6	1,2,4-Trimethylbenzene	0.0023		0.0010	0.00025
96-12-8	1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.00036	U	0.0010	0.00036
107-06-2	1,2-Dichloroethane	0.0012		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.00042	U	0.0010	0.00042
108-67-8	1,3,5-Trimethylbenzene	0.00070	J	0.0010	0.00031
541-73-1	1,3-Dichlorobenzene	0.00036	U	0.0010	0.00036
106-46-7	1,4-Dichlorobenzene	0.00022	U	0.0010	0.00022
78-93-3	2-Butanone (MEK)	0.0060		0.0050	0.00037
591-78-6	2-Hexanone	0.0017	U	0.0050	0.0017
99-87-6	4-Isopropyltoluene	0.00030	U	0.0010	0.00030
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016
67-64-1	Acetone	0.023	≠ U	0.0060	0.0057
71-43-2	Benzene	0.011		0.0010	0.00026
75-25-2	Bromoform	0.00042	≠ UJ	0.0010	0.00042
74-83-9	Bromomethane	0.0010	≠ UJ	0.0020	0.0010
75-15-0	Carbon disulfide	0.00037	J	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.00039	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.00018	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.00028	U	0.0010	0.00028
124-48-1	Chlorodibromomethane	0.00019	U	0.0010	0.00019
75-00-3	Chloroethane	0.00052	U	0.0010	0.00052
67-66-3	Chloroform	0.00097	U	0.0010	0.00097
74-87-3	Chloromethane	0.00043	U	0.0010	0.00043

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310212-1

SDG No.:

Client Sample ID: TRC-SB-22-W(57-58) | Lab Sample ID: 460-310212-3

Matrix: Solid | Lab File ID: D19255.D

Analysis Method: 8260D | Date Collected: 08/26/2024 13:40

Sample wt/vol: 5.88(g) | Date Analyzed: 08/30/2024 00:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 14.9 % Solids: 85.1 | Level: (low/med) Low

Analysis Batch No.: 993265 | Units: mg/Kg

Preparation Batch No.: 992734 | Instrument ID: VOAMS4

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	0.00036	U	0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
110-82-7	Cyclohexane	0.0018		0.0010	0.00022
75-27-4	Dichlorobromomethane	0.00026	U	0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.00034	U	0.0010	0.00034
100-41-4	Ethylbenzene	0.0021		0.0010	0.00020
106-93-4	Ethylene Dibromide	0.00018	U	0.0010	0.00018
110-54-3	Hexane	0.0011		0.0010	0.00040
540-84-1	Isooctane	0.00066	U	0.0010	0.00066
98-82-8	Isopropylbenzene	0.00029	J	0.0010	0.00028
79-20-9	Methyl acetate	0.0043	U	0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.00051	U	0.0010	0.00051
108-87-2	Methylcyclohexane	0.0016		0.0010	0.00050
75-09-2	Methylene Chloride	0.0011	U	0.0020	0.0011
179601-23-1	m-Xylene & p-Xylene	0.0076		0.0010	0.00017
91-20-3	Naphthalene	0.00041	U	0.0015	0.00041
104-51-8	n-Butylbenzene	0.00029	U	0.0010	0.00029
142-82-5	n-Heptane	0.00056	J	0.0010	0.00034
103-65-1	N-Propylbenzene	0.00024	J	0.0010	0.00017
95-47-6	o-Xylene	0.0044		0.0010	0.00019
135-98-8	sec-Butylbenzene	0.00029	U	0.0010	0.00029
100-42-5	Styrene	0.00028	U	0.0010	0.00028
98-06-6	tert-Butylbenzene	0.00028	U	0.0010	0.00028
127-18-4	Tetrachloroethene	0.00030	U	0.0010	0.00030
108-88-3	Toluene	0.010		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
79-01-6	Trichloroethene	0.00032	U	0.0010	0.00032
75-69-4	Trichlorofluoromethane	0.00041	U	0.0010	0.00041
75-01-4	Vinyl chloride	0.00055	U	0.0010	0.00055
1330-20-7	Xylenes, Total	0.012		0.0020	0.00017

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

3

Lab Name: Eurofins Edison | Job No.: 460-310212-1

SDG No.:

Client Sample ID: TRC-SB-22-W(57-58) | Lab Sample ID: 460-310212-3

Matrix: Solid | Lab File ID: D19255.D

Analysis Method: 8260D | Date Collected: 08/26/2024 13:40

Sample wt/vol: 5.88(g) | Date Analyzed: 08/30/2024 00:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 14.9 % Solids: 85.1 | Level: (low/med) Low

Analysis Batch No.: 993265 | Units: mg/Kg

Preparation Batch No.: 992734 | Instrument ID: VOAMS4

Number TICs Found: 2 | TIC Result Total: 0.0137

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.45	0.0062	J	
	Unknown	7.62	0.0075	J	

FORM I-TIC 8260D

MW 10/4/24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison | Job No.: 460-310212-1

SDG No.:

Client Sample ID: TRC-EB-08262024 | Lab Sample ID: 460-310212-1

Matrix: Water | Lab File ID: M29932.D

Analysis Method: 8270E | Date Collected: 08/26/2024 09:55

Extract. Method: 3510C | Date Extracted: 08/28/2024 09:06

Sample wt/vol: 250(mL) | Date Analyzed: 08/28/2024 15:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 992998 | Units: ug/L

Preparation Batch No.: 992915 | Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	0.29	U	10	0.29
95-57-8	2-Chlorophenol	0.38	U	10	0.38
95-48-7	2-Methylphenol	0.67	U	10	0.67
106-44-5	4-Methylphenol	0.65	U	10	0.65
15831-10-4	3 & 4 Methylphenol	0.64	U	10	0.64
88-75-5	2-Nitrophenol	0.75	U	10	0.75
105-67-9	2,4-Dimethylphenol	0.62	U	10	0.62
120-83-2	2,4-Dichlorophenol	1.1	U	10	1.1
59-50-7	4-Chloro-3-methylphenol	0.58	U	10	0.58
88-06-2	2,4,6-Trichlorophenol	0.86	U	10	0.86
95-95-4	2,4,5-Trichlorophenol	0.88	U	10	0.88
121-14-2	2,4-Dinitrotoluene	1.0	U	10	1.0
100-02-7	4-Nitrophenol	4.0	U	20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	3.0	U	20	3.0
87-86-5	Pentachlorophenol	1.4	U	20	1.4
111-44-4	Bis(2-chloroethyl)ether	0.63	U	1.0	0.63
621-64-7	N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43
67-72-1	Hexachloroethane	0.80	U	2.0	0.80
98-95-3	Nitrobenzene	0.57	U	1.0	0.57
78-59-1	Isophorone	0.80	U	10	0.80
91-20-3	Naphthalene	0.54	U	2.0	0.54
106-47-8	4-Chloroaniline	1.9	U	10	1.9
87-68-3	Hexachlorobutadiene	0.78	U	1.0	0.78
91-57-6	2-Methylnaphthalene	0.53	U	10	0.53
77-47-4	Hexachlorocyclopentadiene	3.6	U	10	3.6
91-58-7	2-Chloronaphthalene	1.2	U	10	1.2
88-74-4	2-Nitroaniline	0.47	U	10	0.47
131-11-3	Dimethyl phthalate	0.77	U	10	0.77
208-96-8	Acenaphthylene	0.82	U	10	0.82
606-20-2	2,6-Dinitrotoluene	0.83	U	2.0	0.83
99-09-2	3-Nitroaniline	1.9	U	10	1.9

MW 10/4/24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison | Job No.: 460-310212-1

SDG No.:

Client Sample ID: TRC-EB-08262024 | Lab Sample ID: 460-310212-1

Matrix: Water | Lab File ID: M29932.D

Analysis Method: 8270E | Date Collected: 08/26/2024 09:55

Extract. Method: 3510C | Date Extracted: 08/28/2024 09:06

Sample wt/vol: 250(mL) | Date Analyzed: 08/28/2024 15:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 992998 | Units: ug/L

Preparation Batch No.: 992915 | Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	1.1	U	10	1.1
132-64-9	Dibenzofuran	1.1	U	10	1.1
51-28-5	2,4-Dinitrophenol	2.6	U	40	2.6
84-66-2	Diethyl phthalate	0.98	U	10	0.98
7005-72-3	4-Chlorophenyl phenyl ether	1.3	U	10	1.3
86-73-7	Fluorene	0.91	U	10	0.91
100-01-6	4-Nitroaniline	1.2	U	10	1.2
86-30-6	N-Nitrosodiphenylamine	0.89	U	10	0.89
101-55-3	4-Bromophenyl phenyl ether	0.75	U	10	0.75
118-74-1	Hexachlorobenzene	0.40	U	1.0	0.40
85-01-8	Phenanthrene	1.3	U	10	1.3
120-12-7	Anthracene	1.3	U	10	1.3
86-74-8	Carbazole	0.68	U	10	0.68
84-74-2	Di-n-butyl phthalate	0.84	U	10	0.84
206-44-0	Fluoranthene	0.84	U	10	0.84
129-00-0	Pyrene	1.6	U	10	1.6
85-68-7	Butyl benzyl phthalate	0.85	U	10	0.85
56-55-3	Benzo[a]anthracene	0.59	U	1.0	0.59
218-01-9	Chrysene	0.91	U	2.0	0.91
117-81-7	Bis(2-ethylhexyl) phthalate	0.80	U	2.0	0.80
117-84-0	Di-n-octyl phthalate	0.75	U	10	0.75
205-99-2	Benzo[b]fluoranthene	0.68	U	2.0	0.68
207-08-9	Benzo[k]fluoranthene	0.67	U	1.0	0.67
50-32-8	Benzo[a]pyrene	0.41	U	1.0	0.41
193-39-5	Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94
53-70-3	Dibenz(a,h)anthracene	0.72	U	1.0	0.72
191-24-2	Benzo[g,h,i]perylene	0.70	U	10	0.70
92-52-4	1,1'-Biphenyl	1.2	U	10	1.2
98-86-2	Acetophenone	2.3	U	10	2.3
123-91-1	1,4-Dioxane	1.6	U	10	1.6
100-52-7	Benzaldehyde	2.1	✗ U J	10	2.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison | Job No.: 460-310212-1

SDG No.:

Client Sample ID: TRC-EB-08262024 | Lab Sample ID: 460-310212-1

Matrix: Water | Lab File ID: M29932.D

Analysis Method: 8270E | Date Collected: 08/26/2024 09:55

Extract. Method: 3510C | Date Extracted: 08/28/2024 09:06

Sample wt/vol: 250(mL) | Date Analyzed: 08/28/2024 15:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 992998 | Units: ug/L

Preparation Batch No.: 992915 | Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
105-60-2	Caprolactam	2.2	U	10	2.2
1912-24-9	Atrazine	1.3	U	2.0	1.3
108-60-1	2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63
95-94-3	1,2,4,5-Tetrachlorobenzene	1.2	U	10	1.2
58-90-2	2,3,4,6-Tetrachlorophenol	0.75	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	1.4	U	10	1.4
111-91-1	Bis(2-chloroethoxy)methane	0.59	U	10	0.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	99		51-145
4165-62-2	Phenol-d5 (Surr)	58	S4	10-56
1718-51-0	Terphenyl-d14 (Surr)	102		13-159
118-79-6	2,4,6-Tribromophenol (Surr)	117		37-150
367-12-4	2-Fluorophenol (Surr)	78		16-80
321-60-8	2-Fluorobiphenyl	97		46-139

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-310212-1

SDG No.:

Client Sample ID: TRC-SB-22-W(32-33) | Lab Sample ID: 460-310212-2

Matrix: Solid | Lab File ID: f62909.D

Analysis Method: 8270E | Date Collected: 08/26/2024 12:25

Extract. Method: 3546 | Date Extracted: 08/28/2024 10:21

Sample wt/vol: 15.04(g) | Date Analyzed: 08/28/2024 23:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 11.0 % Solids: 89.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993020 | Units: mg/Kg

Preparation Batch No.: 992927 | Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.013	U	0.37	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.012	U	0.37	0.012
123-91-1	1,4-Dioxane	0.032	U	0.037	0.032
108-60-1	2,2'-oxybis[1-chloropropane]	0.022	U	0.37	0.022
58-90-2	2,3,4,6-Tetrachlorophenol	0.025	U	0.37	0.025
95-95-4	2,4,5-Trichlorophenol	0.038	U	0.37	0.038
88-06-2	2,4,6-Trichlorophenol	0.048	U	0.15	0.048
120-83-2	2,4-Dichlorophenol	0.024	U	0.15	0.024
105-67-9	2,4-Dimethylphenol	0.044	U	0.37	0.044
51-28-5	2,4-Dinitrophenol	0.18	U	0.30	0.18
121-14-2	2,4-Dinitrotoluene	0.040	U	0.075	0.040
606-20-2	2,6-Dinitrotoluene	0.027	U	0.075	0.027
91-58-7	2-Chloronaphthalene	0.017	U	0.37	0.017
95-57-8	2-Chlorophenol	0.013	U	0.37	0.013
91-57-6	2-Methylnaphthalene	0.010	U	0.37	0.010
95-48-7	2-Methylphenol	0.014	U	0.37	0.014
88-74-4	2-Nitroaniline	0.028	U	0.37	0.028
88-75-5	2-Nitrophenol	0.037	U	0.37	0.037
15831-10-4	3 & 4 Methylphenol	0.023	U	0.37	0.023
91-94-1	3,3'-Dichlorobenzidine	0.056	U	0.15	0.056
99-09-2	3-Nitroaniline	0.088	U	0.37	0.088
534-52-1	4,6-Dinitro-2-methylphenol	0.15	U	0.30	0.15
101-55-3	4-Bromophenyl phenyl ether	0.015	U	0.37	0.015
59-50-7	4-Chloro-3-methylphenol	0.021	U	0.37	0.021
106-47-8	4-Chloroaniline	0.066	U	0.37	0.066
7005-72-3	4-Chlorophenyl phenyl ether	0.013	U	0.37	0.013
106-44-5	4-Methylphenol	0.023	U	0.37	0.023
100-01-6	4-Nitroaniline	0.043	U	0.37	0.043
100-02-7	4-Nitrophenol	0.060	U	0.75	0.060
83-32-9	Acenaphthene	0.011	U	0.37	0.011
208-96-8	Acenaphthylene	0.011	U	0.37	0.011

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-310212-1

SDG No.:

Client Sample ID: TRC-SB-22-W(32-33) | Lab Sample ID: 460-310212-2

Matrix: Solid | Lab File ID: f62909.D

Analysis Method: 8270E | Date Collected: 08/26/2024 12:25

Extract. Method: 3546 | Date Extracted: 08/28/2024 10:21

Sample wt/vol: 15.04(g) | Date Analyzed: 08/28/2024 23:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 11.0 % Solids: 89.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993020 | Units: mg/Kg

Preparation Batch No.: 992927 | Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-86-2	Acetophenone	0.018	U	0.37	0.018
120-12-7	Anthracene	0.011	U	0.37	0.011
1912-24-9	Atrazine	0.022	U	0.15	0.022
100-52-7	Benzaldehyde	0.061	UJ	0.37	0.061
56-55-3	Benzo[a]anthracene	0.028	U	0.037	0.028
50-32-8	Benzo[a]pyrene	0.0099	U	0.037	0.0099
205-99-2	Benzo[b]fluoranthene	0.0096	U	0.037	0.0096
191-24-2	Benzo[g,h,i]perylene	0.011	U	0.37	0.011
207-08-9	Benzo[k]fluoranthene	0.0073	U	0.037	0.0073
111-91-1	Bis(2-chloroethoxy)methane	0.029	U	0.37	0.029
111-44-4	Bis(2-chloroethyl)ether	0.013	U	0.037	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.020	U	0.37	0.020
85-68-7	Butyl benzyl phthalate	0.017	U	0.37	0.017
105-60-2	Caprolactam	0.058	U	0.37	0.058
86-74-8	Carbazole	0.014	U	0.37	0.014
218-01-9	Chrysene	0.016	U	0.37	0.016
53-70-3	Dibenz(a,h)anthracene	0.016	U	0.037	0.016
132-64-9	Dibenzofuran	0.012	U	0.37	0.012
84-66-2	Diethyl phthalate	0.012	U	0.37	0.012
131-11-3	Dimethyl phthalate	0.084	U	0.37	0.084
84-74-2	Di-n-butyl phthalate	0.12	J	0.37	0.014
117-84-0	Di-n-octyl phthalate	0.020	U	0.37	0.020
206-44-0	Fluoranthene	0.013	U	0.37	0.013
86-73-7	Fluorene	0.011	U	0.37	0.011
118-74-1	Hexachlorobenzene	0.018	U	0.037	0.018
87-68-3	Hexachlorobutadiene	0.0079	U	0.075	0.0079
77-47-4	Hexachlorocyclopentadiene	0.033	U	0.37	0.033
67-72-1	Hexachloroethane	0.013	U	0.037	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.014	U	0.037	0.014
78-59-1	Isophorone	0.11	U	0.15	0.11
91-20-3	Naphthalene	0.0099	J	0.37	0.0064

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-310212-1

SDG No.:

Client Sample ID: TRC-SB-22-W(32-33) | Lab Sample ID: 460-310212-2

Matrix: Solid | Lab File ID: f62909.D

Analysis Method: 8270E | Date Collected: 08/26/2024 12:25

Extract. Method: 3546 | Date Extracted: 08/28/2024 10:21

Sample wt/vol: 15.04(g) | Date Analyzed: 08/28/2024 23:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 11.0 % Solids: 89.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993020 | Units: mg/Kg

Preparation Batch No.: 992927 | Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-95-3	Nitrobenzene	0.021	U	0.037	0.021
621-64-7	N-Nitrosodi-n-propylamine	0.027	U	0.037	0.027
86-30-6	N-Nitrosodiphenylamine	0.030	U	0.37	0.030
87-86-5	Pentachlorophenol	0.076	U	0.30	0.076
85-01-8	Phenanthrene	0.015	U	0.37	0.015
108-95-2	Phenol	0.014	U	0.37	0.014
129-00-0	Pyrene	0.0092	U	0.37	0.0092

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	79		24-137
321-60-8	2-Fluorobiphenyl	95		38-128
367-12-4	2-Fluorophenol (Surr)	87		31-133
4165-60-0	Nitrobenzene-d5 (Surr)	90		31-120
4165-62-2	Phenol-d5 (Surr)	90		35-132
1718-51-0	Terphenyl-d14 (Surr)	99		44-147

2

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

Lab Name: Eurofins Edison | Job No.: 460-310212-1

SDG No.:

Client Sample ID: TRC-SB-22-W(32-33) | Lab Sample ID: 460-310212-2

Matrix: Solid | Lab File ID: f62909.D

Analysis Method: 8270E | Date Collected: 08/26/2024 12:25

Extract. Method: 3546 | Date Extracted: 08/28/2024 10:21

Sample wt/vol: 15.04(g) | Date Analyzed: 08/28/2024 23:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 11.0 % Solids: 89.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993020 | Units: mg/Kg

Preparation Batch No.: 992927 | Instrument ID: CBNAMS15

Number TICs Found: 2 | TIC Result Total: 0.61

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
14167-59-0	Tetratriacontane	9.01	0.30	J N NJ	91%
629-94-7	Heneicosane	9.32	0.31	J N NJ	91%

FORM I-TIC 8270E

MW 10/4/24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-310212-1

SDG No.:

Client Sample ID: TRC-SB-22-W(57-58) | Lab Sample ID: 460-310212-3

Matrix: Solid | Lab File ID: f62908.D

Analysis Method: 8270E | Date Collected: 08/26/2024 13:40

Extract. Method: 3546 | Date Extracted: 08/28/2024 10:21

Sample wt/vol: 15.01(g) | Date Analyzed: 08/28/2024 23:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 14.9 % Solids: 85.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993020 | Units: mg/Kg

Preparation Batch No.: 992927 | Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.014	U	0.39	0.014
95-94-3	1,2,4,5-Tetrachlorobenzene	0.012	U	0.39	0.012
123-91-1	1,4-Dioxane	0.034	U	0.039	0.034
108-60-1	2,2'-oxybis[1-chloropropane]	0.023	U	0.39	0.023
58-90-2	2,3,4,6-Tetrachlorophenol	0.026	U	0.39	0.026
95-95-4	2,4,5-Trichlorophenol	0.040	U	0.39	0.040
88-06-2	2,4,6-Trichlorophenol	0.050	U	0.16	0.050
120-83-2	2,4-Dichlorophenol	0.025	U	0.16	0.025
105-67-9	2,4-Dimethylphenol	0.046	U	0.39	0.046
51-28-5	2,4-Dinitrophenol	0.19	U	0.31	0.19
121-14-2	2,4-Dinitrotoluene	0.042	U	0.079	0.042
606-20-2	2,6-Dinitrotoluene	0.028	U	0.079	0.028
91-58-7	2-Chloronaphthalene	0.018	U	0.39	0.018
95-57-8	2-Chlorophenol	0.014	U	0.39	0.014
91-57-6	2-Methylnaphthalene	0.011	U	0.39	0.011
95-48-7	2-Methylphenol	0.014	U	0.39	0.014
88-74-4	2-Nitroaniline	0.030	U	0.39	0.030
88-75-5	2-Nitrophenol	0.039	U	0.39	0.039
15831-10-4	3 & 4 Methylphenol	0.024	U	0.39	0.024
91-94-1	3,3'-Dichlorobenzidine	0.059	U	0.16	0.059
99-09-2	3-Nitroaniline	0.092	U	0.39	0.092
534-52-1	4,6-Dinitro-2-methylphenol	0.16	U	0.31	0.16
101-55-3	4-Bromophenyl phenyl ether	0.015	U	0.39	0.015
59-50-7	4-Chloro-3-methylphenol	0.022	U	0.39	0.022
106-47-8	4-Chloroaniline	0.069	U	0.39	0.069
7005-72-3	4-Chlorophenyl phenyl ether	0.014	U	0.39	0.014
106-44-5	4-Methylphenol	0.024	U	0.39	0.024
100-01-6	4-Nitroaniline	0.045	U	0.39	0.045
100-02-7	4-Nitrophenol	0.063	U	0.79	0.063
83-32-9	Acenaphthene	0.011	U	0.39	0.011
208-96-8	Acenaphthylene	0.011	U	0.39	0.011

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-310212-1

SDG No.:

Client Sample ID: TRC-SB-22-W(57-58) | Lab Sample ID: 460-310212-3

Matrix: Solid | Lab File ID: f62908.D

Analysis Method: 8270E | Date Collected: 08/26/2024 13:40

Extract. Method: 3546 | Date Extracted: 08/28/2024 10:21

Sample wt/vol: 15.01(g) | Date Analyzed: 08/28/2024 23:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 14.9 % Solids: 85.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993020 | Units: mg/Kg

Preparation Batch No.: 992927 | Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-86-2	Acetophenone	0.019	U	0.39	0.019
120-12-7	Anthracene	0.012	U	0.39	0.012
1912-24-9	Atrazine	0.023	U	0.16	0.023
100-52-7	Benzaldehyde	0.064	U	0.39	0.064
56-55-3	Benzo[a]anthracene	0.029	U	0.039	0.029
50-32-8	Benzo[a]pyrene	0.010	U	0.039	0.010
205-99-2	Benzo[b]fluoranthene	0.010	U	0.039	0.010
191-24-2	Benzo[g,h,i]perylene	0.011	U	0.39	0.011
207-08-9	Benzo[k]fluoranthene	0.0076	U	0.039	0.0076
111-91-1	Bis(2-chloroethoxy)methane	0.030	U	0.39	0.030
111-44-4	Bis(2-chloroethyl)ether	0.014	U	0.039	0.014
117-81-7	Bis(2-ethylhexyl) phthalate	0.021	U	0.39	0.021
85-68-7	Butyl benzyl phthalate	0.018	U	0.39	0.018
105-60-2	Caprolactam	0.060	U	0.39	0.060
86-74-8	Carbazole	0.015	U	0.39	0.015
218-01-9	Chrysene	0.016	U	0.39	0.016
53-70-3	Dibenz(a,h)anthracene	0.017	U	0.039	0.017
132-64-9	Dibenzofuran	0.013	U	0.39	0.013
84-66-2	Diethyl phthalate	0.013	U	0.39	0.013
131-11-3	Dimethyl phthalate	0.088	U	0.39	0.088
84-74-2	Di-n-butyl phthalate	0.045	J	0.39	0.015
117-84-0	Di-n-octyl phthalate	0.021	U	0.39	0.021
206-44-0	Fluoranthene	0.014	U	0.39	0.014
86-73-7	Fluorene	0.011	U	0.39	0.011
118-74-1	Hexachlorobenzene	0.018	U	0.039	0.018
87-68-3	Hexachlorobutadiene	0.0083	U	0.079	0.0083
77-47-4	Hexachlorocyclopentadiene	0.034	U	0.39	0.034
67-72-1	Hexachloroethane	0.013	U	0.039	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.015	U	0.039	0.015
78-59-1	Isophorone	0.11	U	0.16	0.11
91-20-3	Naphthalene	0.0067	U	0.39	0.0067

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310212-1
SDG No.:
Client Sample ID: TRC-SB-22-W(57-58) | Lab Sample ID: 460-310212-3
Matrix: Solid | Lab File ID: f62908.D
Analysis Method: 8270E | Date Collected: 08/26/2024 13:40
Extract. Method: 3546 | Date Extracted: 08/28/2024 10:21
Sample wt/vol: 15.01(g) | Date Analyzed: 08/28/2024 23:08
Con. Extract Vol.: 1(mL) | Dilution Factor: 1
Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: 14.9 % Solids: 85.1 | GPC Cleanup:(Y/N) N
Cleanup Factor: | Level: (low/med) Low
Analysis Batch No.: 993020 | Units: mg/Kg
Preparation Batch No.: 992927 | Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-95-3	Nitrobenzene	0.022	U	0.039	0.022
621-64-7	N-Nitrosodi-n-propylamine	0.028	U	0.039	0.028
86-30-6	N-Nitrosodiphenylamine	0.032	U	0.39	0.032
87-86-5	Pentachlorophenol	0.080	U	0.31	0.080
85-01-8	Phenanthrene	0.016	U	0.39	0.016
108-95-2	Phenol	0.014	U	0.39	0.014
129-00-0	Pyrene	0.0097	U	0.39	0.0097

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	80		24-137
321-60-8	2-Fluorobiphenyl	97		38-128
367-12-4	2-Fluorophenol (Surr)	92		31-133
4165-60-0	Nitrobenzene-d5 (Surr)	94		31-120
4165-62-2	Phenol-d5 (Surr)	94		35-132
1718-51-0	Terphenyl-d14 (Surr)	104		44-147

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
NYSCA-PROPOSED PUBLIC SCHOOL K337, NEW YORK

Client: TRC Engineering, Inc., New York, New York
SDG: 460-310328-1
Laboratory: Eurofins Test America, Edison, New Jersey
Site: NYSCA-Proposed Public School K337, New York
Date: October 4, 2024

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	TRC-SB-22-S(68-70)	460-310328-1	Soil
2	TRC-EB-08282024	460-310328-2	Water
3	TRC-SB-22-E(72-73)	460-310328-3	Soil
4	TRC-SB-22-S(25-27)	460-310328-4	Soil

A Data Usability Summary Review was performed on the analytical data for three soil samples and one aqueous equipment blank sample collected on August 27-28, 2024 by TRC at the NYSCA-Proposed Public School K337 in New York. The samples were analyzed under the "Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260D
SVOC	USEPA SW-846 Method 8270E

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number QA-HWSS-A-004, March 2022, Standard Operating Procedure for Validation of Volatile Data;
- SOP Number QA-HWSS-A-005, March 2022, Standard Operating Procedure for Validation of Semivolatile Data;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Holding times and sample preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tuning
- Initial and continuing calibration summaries
- Method blank and field blank contamination

- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Internal standard area and retention time summary forms
- Target Compound Identification
- Compound Quantitation
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOC)

Holding Times

- All samples were analyzed within 14 days for preserved water and soil samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) criteria and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
08/31/24 (0433)	Bromoform	20.5%	UJ	1, 4, 6

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were free of contamination.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-08282024	None - ND	-	-	-

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

- The following table presents LCS/LCSD percent recoveries (%R) and RPD values outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS/LCSD ID	Compound	LCS%R/LCSD%R/RPD	Qualifier	Affected Samples
460-993566/3+4	Bromoform	OK/128%/OK	None	All Associated ND

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- All TICs were non-detected.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Semivolatile Organic Compounds (SVOCs)

Holding Times

- All samples were extracted within 7 days for water samples and 14 days for soil samples and analyzed within 40 days for all samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) criteria and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected ® and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
08/30/24 (0455)	Benzaldehyde	37.3%	UJ	1, 4, 6
08/30/24 (1125)	Benzaldehyde	61.1%	UJ	3

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were free of contamination.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-08282024	None - ND	-	-	-

Surrogate Spike Recoveries

- The samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

- The following table presents LCS/LCSD percent recoveries (%R) and RPD values outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS/LCSD ID	Compound	LCS%R/LCSD%R/RPD	Qualifier	Affected Samples
460-993417/2-A	Hexachlorocyclopentadiene	140%/137%/OK	None	All Associated ND
	Atrazine	159%/160%/OK		

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- All TICs were non-detected.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 10/7/24

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310328-1

SDG No.:

Client Sample ID: TRC-SB-22-S(68-70) | Lab Sample ID: 460-310328-1

Matrix: Solid | Lab File ID: B14353.D

Analysis Method: 8260D | Date Collected: 08/28/2024 08:10

Sample wt/vol: 5.01(g) | Date Analyzed: 08/31/2024 07:30

Soil Aliquot Vol: | Dilution Factor: 1

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

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

% Moisture: 9.6 % Solids: 90.4 | Level: (low/med) Low

Analysis Batch No.: 993566 | Units: mg/Kg

Preparation Batch No.: 993080 | Instrument ID: CVOAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00024
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00023
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00025
87-61-6	1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00020
120-82-1	1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040
95-63-6	1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027
96-12-8	1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051
95-50-1	1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00033
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00047
108-67-8	1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035
541-73-1	1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040
106-46-7	1,4-Dichlorobenzene	0.0011	U	0.0011	0.00025
78-93-3	2-Butanone (MEK)	0.0055	U	0.0055	0.00041
591-78-6	2-Hexanone	0.0055	U	0.0055	0.0019
99-87-6	4-Isopropyltoluene	0.0011	U	0.0011	0.00033
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017
67-64-1	Acetone	0.0066	U	0.0066	0.0063
71-43-2	Benzene	0.0011	U	0.0011	0.00028
75-25-2	Bromoform	0.0011	f1 U J	0.0011	0.00047
74-83-9	Bromomethane	0.0022	U	0.0022	0.0011
75-15-0	Carbon disulfide	0.0011	U	0.0011	0.00029
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00043
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00020
74-97-5	Chlorobromomethane	0.0011	U	0.0011	0.00031
124-48-1	Chlorodibromomethane	0.0011	U	0.0011	0.00021
75-00-3	Chloroethane	0.0011	U	0.0011	0.00058
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
74-87-3	Chloromethane	0.0011	U	0.0011	0.00048

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310328-1

SDG No.:

Client Sample ID: TRC-SB-22-S(68-70) | Lab Sample ID: 460-310328-1

Matrix: Solid | Lab File ID: B14353.D

Analysis Method: 8260D | Date Collected: 08/28/2024 08:10

Sample wt/vol: 5.01(g) | Date Analyzed: 08/31/2024 07:30

Soil Aliquot Vol: | Dilution Factor: 1

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

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

% Moisture: 9.6 % Solids: 90.4 | Level: (low/med) Low

Analysis Batch No.: 993566 | Units: mg/Kg

Preparation Batch No.: 993080 | Instrument ID: CVOAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030
110-82-7	Cyclohexane	0.0011	U	0.0011	0.00024
75-27-4	Dichlorobromomethane	0.0011	U	0.0011	0.00028
75-71-8	Dichlorodifluoromethane	0.0011	U	0.0011	0.00037
100-41-4	Ethylbenzene	0.0011	U	0.0011	0.00022
106-93-4	Ethylene Dibromide	0.0011	U	0.0011	0.00020
110-54-3	Hexane	0.0011	U	0.0011	0.00045
540-84-1	Isooctane	0.0011	U	0.0011	0.00073
98-82-8	Isopropylbenzene	0.0011	U	0.0011	0.00031
79-20-9	Methyl acetate	0.0055	U	0.0055	0.0047
1634-04-4	Methyl tert-butyl ether	0.0011	U	0.0011	0.00057
108-87-2	Methylcyclohexane	0.0011	U	0.0011	0.00055
75-09-2	Methylene Chloride	0.0022	U	0.0022	0.0013
179601-23-1	m-Xylene & p-Xylene	0.0011	U	0.0011	0.00019
91-20-3	Naphthalene	0.0017	U	0.0017	0.00045
104-51-8	n-Butylbenzene	0.0011	U	0.0011	0.00032
142-82-5	n-Heptane	0.0011	U	0.0011	0.00037
103-65-1	N-Propylbenzene	0.0011	U	0.0011	0.00019
95-47-6	o-Xylene	0.0011	U	0.0011	0.00021
135-98-8	sec-Butylbenzene	0.0011	U	0.0011	0.00032
100-42-5	Styrene	0.0011	U	0.0011	0.00031
98-06-6	tert-Butylbenzene	0.0011	U	0.0011	0.00030
127-18-4	Tetrachloroethene	0.0011	U	0.0011	0.00034
108-88-3	Toluene	0.0011	U	0.0011	0.00026
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029
79-01-6	Trichloroethene	0.0011	U	0.0011	0.00035
75-69-4	Trichlorofluoromethane	0.0011	U	0.0011	0.00045
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00060
1330-20-7	Xylenes, Total	0.0022	U	0.0022	0.00019

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

13

Lab Name: Eurofins Edison Job No.: 460-310328-1

SDG No.:

Client Sample ID: TRC-EB-08282024 Lab Sample ID: 460-310328-3

Matrix: Water Lab File ID: V59240.D

Analysis Method: 8260D Date Collected: 08/28/2024 10:50

Sample wt/vol: 5(mL) Date Analyzed: 09/03/2024 21:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 993862 Units: ug/L

Preparation Batch No.: Instrument ID: CVOAMS7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.40
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
75-00-3	Chloroethane	1.0	U	1.0	0.32
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
67-64-1	Acetone	5.0	U	5.0	4.4
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
67-66-3	Chloroform	1.0	U	1.0	0.33
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
71-43-2	Benzene	1.0	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
75-25-2	Bromoform	1.0	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
591-78-6	2-Hexanone	5.0	U	5.0	1.1
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
108-88-3	Toluene	1.0	U	1.0	0.38
108-90-7	Chlorobenzene	1.0	U	1.0	0.38

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-310328-1

SDG No.:

Client Sample ID: TRC-EB-08282024 | Lab Sample ID: 460-310328-3

Matrix: Water | Lab File ID: V59240.D

Analysis Method: 8260D | Date Collected: 08/28/2024 10:50

Sample wt/vol: 5(mL) | Date Analyzed: 09/03/2024 21:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 993862 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.42
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
110-54-3	Hexane	1.0	U	1.0	0.39
110-82-7	Cyclohexane	1.0	U	1.0	0.32
142-82-5	n-Heptane	5.0	U	5.0	2.1
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
91-20-3	Naphthalene	1.0	U	1.0	0.88
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.79
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
540-84-1	Isooctane	1.0	U	1.0	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-310328-1

SDG No.:

Client Sample ID: TRC-SB-22-E(72-73) | Lab Sample ID: 460-310328-4

Matrix: Solid | Lab File ID: B14354.D

Analysis Method: 8260D | Date Collected: 08/28/2024 14:15

Sample wt/vol: 5.05(g) | Date Analyzed: 08/31/2024 07:55

Soil Aliquot Vol: | Dilution Factor: 1

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

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

% Moisture: 5.9 % Solids: 94.1 | Level: (low/med) Low

Analysis Batch No.: 993566 | Units: mg/Kg

Preparation Batch No.: 993080 | Instrument ID: CVOAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00023
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00022
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00024
87-61-6	1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00019
120-82-1	1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038
95-63-6	1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026
96-12-8	1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00048
95-50-1	1,2-Dichlorobenzene	0.0011	U	0.0011	0.00038
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00031
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00045
108-67-8	1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00033
541-73-1	1,3-Dichlorobenzene	0.0011	U	0.0011	0.00038
106-46-7	1,4-Dichlorobenzene	0.0011	U	0.0011	0.00024
78-93-3	2-Butanone (MEK)	0.0053	U	0.0053	0.00039
591-78-6	2-Hexanone	0.0053	U	0.0053	0.0018
99-87-6	4-Isopropyltoluene	0.0011	U	0.0011	0.00031
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0016
67-64-1	Acetone	0.0063	U	0.0063	0.0060
71-43-2	Benzene	0.0011	U	0.0011	0.00027
75-25-2	Bromoform	0.0011	U	0.0011	0.00045
74-83-9	Bromomethane	0.0021	U	0.0021	0.0011
75-15-0	Carbon disulfide	0.0011	U	0.0011	0.00028
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00041
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00019
74-97-5	Chlorobromomethane	0.0011	U	0.0011	0.00030
124-48-1	Chlorodibromomethane	0.0011	U	0.0011	0.00020
75-00-3	Chloroethane	0.0011	U	0.0011	0.00055
67-66-3	Chloroform	0.0011	U	0.0011	0.0010
74-87-3	Chloromethane	0.0011	U	0.0011	0.00046

FORM I 8260D

AW 10/4/24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-310328-1

SDG No.:

Client Sample ID: TRC-SB-22-E(72-73) | Lab Sample ID: 460-310328-4

Matrix: Solid | Lab File ID: B14354.D

Analysis Method: 8260D | Date Collected: 08/28/2024 14:15

Sample wt/vol: 5.05(g) | Date Analyzed: 08/31/2024 07:55

Soil Aliquot Vol: | Dilution Factor: 1

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

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

% Moisture: 5.9 % Solids: 94.1 | Level: (low/med) Low

Analysis Batch No.: 993566 | Units: mg/Kg

Preparation Batch No.: 993080 | Instrument ID: CVOAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029
110-82-7	Cyclohexane	0.0011	U	0.0011	0.00023
75-27-4	Dichlorobromomethane	0.0011	U	0.0011	0.00027
75-71-8	Dichlorodifluoromethane	0.0011	U	0.0011	0.00036
100-41-4	Ethylbenzene	0.0011	U	0.0011	0.00021
106-93-4	Ethylene Dibromide	0.0011	U	0.0011	0.00019
110-54-3	Hexane	0.0011	U	0.0011	0.00042
540-84-1	Isooctane	0.0011	U	0.0011	0.00069
98-82-8	Isopropylbenzene	0.0011	U	0.0011	0.00030
79-20-9	Methyl acetate	0.0053	U	0.0053	0.0045
1634-04-4	Methyl tert-butyl ether	0.00056	J	0.0011	0.00054
108-87-2	Methylcyclohexane	0.0011	U	0.0011	0.00053
75-09-2	Methylene Chloride	0.0021	U	0.0021	0.0012
179601-23-1	m-Xylene & p-Xylene	0.0011	U	0.0011	0.00018
91-20-3	Naphthalene	0.0016	U	0.0016	0.00043
104-51-8	n-Butylbenzene	0.0011	U	0.0011	0.00031
142-82-5	n-Heptane	0.0011	U	0.0011	0.00036
103-65-1	N-Propylbenzene	0.0011	U	0.0011	0.00018
95-47-6	o-Xylene	0.0011	U	0.0011	0.00020
135-98-8	sec-Butylbenzene	0.0011	U	0.0011	0.00030
100-42-5	Styrene	0.0011	U	0.0011	0.00029
98-06-6	tert-Butylbenzene	0.0011	U	0.0011	0.00029
127-18-4	Tetrachloroethene	0.0011	U	0.0011	0.00032
108-88-3	Toluene	0.0011	U	0.0011	0.00025
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028
79-01-6	Trichloroethene	0.0011	U	0.0011	0.00034
75-69-4	Trichlorofluoromethane	0.0011	U	0.0011	0.00043
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00057
1330-20-7	Xylenes, Total	0.0021	U	0.0021	0.00018

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

6

Lab Name: Eurofins Edison | Job No.: 460-310328-1

SDG No.:

Client Sample ID: TRC-SB-22-S(25-27) | Lab Sample ID: 460-310328-6

Matrix: Solid | Lab File ID: B14355.D

Analysis Method: 8260D | Date Collected: 08/27/2024 13:30

Sample wt/vol: 6.68(g) | Date Analyzed: 08/31/2024 08:20

Soil Aliquot Vol: | Dilution Factor: 1

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

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

% Moisture: 8.5 % Solids: 91.5 | Level: (low/med) Low

Analysis Batch No.: 993566 | Units: mg/Kg

Preparation Batch No.: 993080 | Instrument ID: CVOAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00082	U	0.00082	0.00019
79-34-5	1,1,2,2-Tetrachloroethane	0.00082	U	0.00082	0.00017
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00082	U	0.00082	0.00025
79-00-5	1,1,2-Trichloroethane	0.00082	U	0.00082	0.00015
75-34-3	1,1-Dichloroethane	0.00082	U	0.00082	0.00017
75-35-4	1,1-Dichloroethene	0.00082	U	0.00082	0.00018
87-61-6	1,2,3-Trichlorobenzene	0.00082	U	0.00082	0.00015
120-82-1	1,2,4-Trichlorobenzene	0.00082	U	0.00082	0.00029
95-63-6	1,2,4-Trimethylbenzene	0.00082	U	0.00082	0.00020
96-12-8	1,2-Dibromo-3-Chloropropane	0.00082	U	0.00082	0.00038
95-50-1	1,2-Dichlorobenzene	0.00082	U	0.00082	0.00030
107-06-2	1,2-Dichloroethane	0.00082	U	0.00082	0.00024
78-87-5	1,2-Dichloropropane	0.00082	U	0.00082	0.00035
108-67-8	1,3,5-Trimethylbenzene	0.00082	U	0.00082	0.00026
541-73-1	1,3-Dichlorobenzene	0.00082	U	0.00082	0.00030
106-46-7	1,4-Dichlorobenzene	0.00082	U	0.00082	0.00018
78-93-3	2-Butanone (MEK)	0.0041	U	0.0041	0.00030
591-78-6	2-Hexanone	0.0041	U	0.0041	0.0014
99-87-6	4-Isopropyltoluene	0.00082	U	0.00082	0.00024
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0041	U	0.0041	0.0013
67-64-1	Acetone	0.0064		0.0049	0.0047
71-43-2	Benzene	0.00082	U	0.00082	0.00021
75-25-2	Bromoform	0.00082	U	0.00082	0.00035
74-83-9	Bromomethane	0.0016	U	0.0016	0.00082
75-15-0	Carbon disulfide	0.00082	U	0.00082	0.00022
56-23-5	Carbon tetrachloride	0.00082	U	0.00082	0.00032
108-90-7	Chlorobenzene	0.00082	U	0.00082	0.00014
74-97-5	Chlorobromomethane	0.00082	U	0.00082	0.00023
124-48-1	Chlorodibromomethane	0.00082	U	0.00082	0.00016
75-00-3	Chloroethane	0.00082	U	0.00082	0.00043
67-66-3	Chloroform	0.00082	U	0.00082	0.00079
74-87-3	Chloromethane	0.00082	U	0.00082	0.00036

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310328-1

SDG No.:

Client Sample ID: TRC-SB-22-S(25-27) | Lab Sample ID: 460-310328-6

Matrix: Solid | Lab File ID: B14355.D

Analysis Method: 8260D | Date Collected: 08/27/2024 13:30

Sample wt/vol: 6.68(g) | Date Analyzed: 08/31/2024 08:20

Soil Aliquot Vol: | Dilution Factor: 1

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

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

% Moisture: 8.5 % Solids: 91.5 | Level: (low/med) Low

Analysis Batch No.: 993566 | Units: mg/Kg

Preparation Batch No.: 993080 | Instrument ID: CVOAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	0.00082	U	0.00082	0.00029
10061-01-5	cis-1,3-Dichloropropene	0.00082	U	0.00082	0.00022
110-82-7	Cyclohexane	0.00082	U	0.00082	0.00018
75-27-4	Dichlorobromomethane	0.00082	U	0.00082	0.00021
75-71-8	Dichlorodifluoromethane	0.00082	U	0.00082	0.00028
100-41-4	Ethylbenzene	0.00082	U	0.00082	0.00016
106-93-4	Ethylene Dibromide	0.00082	U	0.00082	0.00015
110-54-3	Hexane	0.00082	U	0.00082	0.00033
540-84-1	Isooctane	0.00082	U	0.00082	0.00054
98-82-8	Isopropylbenzene	0.00082	U	0.00082	0.00023
79-20-9	Methyl acetate	0.0041	U	0.0041	0.0035
1634-04-4	Methyl tert-butyl ether	0.00082	U	0.00082	0.00042
108-87-2	Methylcyclohexane	0.00082	U	0.00082	0.00041
75-09-2	Methylene Chloride	0.0016	U	0.0016	0.00094
179601-23-1	m-Xylene & p-Xylene	0.00082	U	0.00082	0.00014
91-20-3	Naphthalene	0.0012	U	0.0012	0.00034
104-51-8	n-Butylbenzene	0.00082	U	0.00082	0.00024
142-82-5	n-Heptane	0.00082	U	0.00082	0.00028
103-65-1	N-Propylbenzene	0.00082	U	0.00082	0.00014
95-47-6	o-Xylene	0.00082	U	0.00082	0.00016
135-98-8	sec-Butylbenzene	0.00082	U	0.00082	0.00024
100-42-5	Styrene	0.00082	U	0.00082	0.00023
98-06-6	tert-Butylbenzene	0.00082	U	0.00082	0.00023
127-18-4	Tetrachloroethene	0.00082	U	0.00082	0.00025
108-88-3	Toluene	0.00082	U	0.00082	0.00019
156-60-5	trans-1,2-Dichloroethene	0.00082	U	0.00082	0.00020
10061-02-6	trans-1,3-Dichloropropene	0.00082	U	0.00082	0.00022
79-01-6	Trichloroethene	0.00082	U	0.00082	0.00026
75-69-4	Trichlorofluoromethane	0.00082	U	0.00082	0.00033
75-01-4	Vinyl chloride	0.00082	U	0.00082	0.00045
1330-20-7	Xylenes, Total	0.0016	U	0.0016	0.00014

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310328-1

SDG No.:

Client Sample ID: TRC-SB-22-S(68-70) | Lab Sample ID: 460-310328-1

Matrix: Solid | Lab File ID: f62951.D

Analysis Method: 8270E | Date Collected: 08/28/2024 08:10

Extract. Method: 3546 | Date Extracted: 08/29/2024 21:41

Sample wt/vol: 15.02(g) | Date Analyzed: 08/30/2024 10:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.6 % Solids: 90.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993358 | Units: mg/Kg

Preparation Batch No.: 993313 | Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.36	U	0.36	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011
123-91-1	1,4-Dioxane	0.036	U	0.036	0.032
108-60-1	2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022
58-90-2	2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025
95-95-4	2,4,5-Trichlorophenol	0.36	U	0.36	0.037
88-06-2	2,4,6-Trichlorophenol	0.15	U	0.15	0.047
120-83-2	2,4-Dichlorophenol	0.15	U	0.15	0.023
105-67-9	2,4-Dimethylphenol	0.36	U	0.36	0.044
51-28-5	2,4-Dinitrophenol	0.29	U	0.29	0.18
121-14-2	2,4-Dinitrotoluene	0.074	U	0.074	0.039
606-20-2	2,6-Dinitrotoluene	0.074	U	0.074	0.026
91-58-7	2-Chloronaphthalene	0.36	U	0.36	0.017
95-57-8	2-Chlorophenol	0.36	U	0.36	0.013
91-57-6	2-Methylnaphthalene	0.36	U	0.36	0.010
95-48-7	2-Methylphenol	0.36	U	0.36	0.014
88-74-4	2-Nitroaniline	0.36	U	0.36	0.028
88-75-5	2-Nitrophenol	0.36	U	0.36	0.037
15831-10-4	3 & 4 Methylphenol	0.36	U	0.36	0.023
91-94-1	3,3'-Dichlorobenzidine	0.15	U	0.15	0.055
99-09-2	3-Nitroaniline	0.36	U	0.36	0.087
534-52-1	4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15
101-55-3	4-Bromophenyl phenyl ether	0.36	U	0.36	0.014
59-50-7	4-Chloro-3-methylphenol	0.36	U	0.36	0.021
106-47-8	4-Chloroaniline	0.36	U	0.36	0.065
7005-72-3	4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013
106-44-5	4-Methylphenol	0.36	U	0.36	0.023
100-01-6	4-Nitroaniline	0.36	U	0.36	0.042
100-02-7	4-Nitrophenol	0.74	U	0.74	0.060
83-32-9	Acenaphthene	0.36	U	0.36	0.010
208-96-8	Acenaphthylene	0.36	U	0.36	0.010

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310328-1

SDG No.:

Client Sample ID: TRC-SB-22-S(68-70) | Lab Sample ID: 460-310328-1

Matrix: Solid | Lab File ID: f62951.D

Analysis Method: 8270E | Date Collected: 08/28/2024 08:10

Extract. Method: 3546 | Date Extracted: 08/29/2024 21:41

Sample wt/vol: 15.02(g) | Date Analyzed: 08/30/2024 10:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.6 % Solids: 90.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993358 | Units: mg/Kg

Preparation Batch No.: 993313 | Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-86-2	Acetophenone	0.36	U	0.36	0.018
120-12-7	Anthracene	0.36	U	0.36	0.011
1912-24-9	Atrazine	0.15	U	0.15	0.022
100-52-7	Benzaldehyde	0.36	U	0.36	0.060
56-55-3	Benzo[a]anthracene	0.036	U	0.036	0.028
50-32-8	Benzo[a]pyrene	0.036	U	0.036	0.0097
205-99-2	Benzo[b]fluoranthene	0.036	U	0.036	0.0095
191-24-2	Benzo[g,h,i]perylene	0.36	U	0.36	0.011
207-08-9	Benzo[k]fluoranthene	0.036	U	0.036	0.0072
111-91-1	Bis(2-chloroethoxy)methane	0.36	U	0.36	0.028
111-44-4	Bis(2-chloroethyl)ether	0.036	U	0.036	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019
85-68-7	Butyl benzyl phthalate	0.36	U	0.36	0.017
105-60-2	Caprolactam	0.36	U	0.36	0.057
86-74-8	Carbazole	0.36	U	0.36	0.014
218-01-9	Chrysene	0.36	U	0.36	0.015
53-70-3	Dibenz(a,h)anthracene	0.036	U	0.036	0.016
132-64-9	Dibenzofuran	0.36	U	0.36	0.012
84-66-2	Diethyl phthalate	0.36	U	0.36	0.012
131-11-3	Dimethyl phthalate	0.36	U	0.36	0.083
84-74-2	Di-n-butyl phthalate	0.36	U	0.36	0.014
117-84-0	Di-n-octyl phthalate	0.36	U	0.36	0.019
206-44-0	Fluoranthene	0.36	U	0.36	0.013
86-73-7	Fluorene	0.36	U	0.36	0.011
118-74-1	Hexachlorobenzene	0.036	U	0.036	0.017
87-68-3	Hexachlorobutadiene	0.074	U	0.074	0.0078
77-47-4	Hexachlorocyclopentadiene	0.36	U	0.36	0.032
67-72-1	Hexachloroethane	0.036	U	0.036	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014
78-59-1	Isophorone	0.15	U	0.15	0.11
91-20-3	Naphthalene	0.36	U	0.36	0.0063

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison | Job No.: 460-310328-1

SDG No.:

Client Sample ID: TRC-SB-22-S(68-70) | Lab Sample ID: 460-310328-1

Matrix: Solid | Lab File ID: f62951.D

Analysis Method: 8270E | Date Collected: 08/28/2024 08:10

Extract. Method: 3546 | Date Extracted: 08/29/2024 21:41

Sample wt/vol: 15.02(g) | Date Analyzed: 08/30/2024 10:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.6 % Solids: 90.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993358 | Units: mg/Kg

Preparation Batch No.: 993313 | Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-95-3	Nitrobenzene	0.036	U	0.036	0.020
621-64-7	N-Nitrosodi-n-propylamine	0.036	U	0.036	0.027
86-30-6	N-Nitrosodiphenylamine	0.36	U	0.36	0.030
87-86-5	Pentachlorophenol	0.29	U	0.29	0.075
85-01-8	Phenanthrene	0.36	U	0.36	0.015
108-95-2	Phenol	0.36	U	0.36	0.013
129-00-0	Pyrene	0.36	U	0.36	0.0091

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	67		24-137
321-60-8	2-Fluorobiphenyl	81		38-128
367-12-4	2-Fluorophenol (Surr)	78		31-133
4165-60-0	Nitrobenzene-d5 (Surr)	82		31-120
4165-62-2	Phenol-d5 (Surr)	79		35-132
1718-51-0	Terphenyl-d14 (Surr)	84		44-147

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison
Job No.: 460-310328-1
SDG No.:
Client Sample ID: TRC-EB-08282024
Lab Sample ID: 460-310328-3
Matrix: Water
Lab File ID: A34592.D
Analysis Method: 8270E
Date Collected: 08/28/2024 10:50
Extract. Method: 3510C
Date Extracted: 08/30/2024 08:07
Sample wt/vol: 250(mL)
Date Analyzed: 08/30/2024 13:15
Con. Extract Vol.: 2(mL)
Dilution Factor: 1
Injection Volume: 5(uL)
GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: % Solids:
GPC Cleanup:(Y/N) N
Cleanup Factor:
Level: (low/med) Low
Analysis Batch No.: 993471
Units: ug/L
Preparation Batch No.: 993417
Instrument ID: CBNAMS16

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.29
95-57-8	2-Chlorophenol	10	U	10	0.38
95-48-7	2-Methylphenol	10	U	10	0.67
106-44-5	4-Methylphenol	10	U	10	0.65
15831-10-4	3 & 4 Methylphenol	10	U	10	0.64
88-75-5	2-Nitrophenol	10	U	10	0.75
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
121-14-2	2,4-Dinitrotoluene	10	U	10	1.0
100-02-7	4-Nitrophenol	20	U	20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
87-86-5	Pentachlorophenol	20	U	20	1.4
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
106-47-8	4-Chloroaniline	10	U	10	1.9
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
91-57-6	2-Methylnaphthalene	10	U	10	0.53
77-47-4	Hexachlorocyclopentadiene	10	U f	10	3.6
91-58-7	2-Chloronaphthalene	10	U	10	1.2
88-74-4	2-Nitroaniline	10	U	10	0.47
131-11-3	Dimethyl phthalate	10	U	10	0.77
208-96-8	Acenaphthylene	10	U	10	0.82
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
99-09-2	3-Nitroaniline	10	U	10	1.9

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-310328-1

SDG No.:

Client Sample ID: TRC-EB-08282024 | Lab Sample ID: 460-310328-3

Matrix: Water | Lab File ID: A34592.D

Analysis Method: 8270E | Date Collected: 08/28/2024 10:50

Extract. Method: 3510C | Date Extracted: 08/30/2024 08:07

Sample wt/vol: 250(mL) | Date Analyzed: 08/30/2024 13:15

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993471 | Units: ug/L

Preparation Batch No.: 993417 | Instrument ID: CBNAMS16

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	10	U	10	1.1
132-64-9	Dibenzofuran	10	U	10	1.1
51-28-5	2,4-Dinitrophenol	40	U	40	2.6
84-66-2	Diethyl phthalate	10	U	10	0.98
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
86-73-7	Fluorene	10	U	10	0.91
100-01-6	4-Nitroaniline	10	U	10	1.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
85-01-8	Phenanthrene	10	U	10	1.3
120-12-7	Anthracene	10	U	10	1.3
86-74-8	Carbazole	10	U	10	0.68
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
206-44-0	Fluoranthene	10	U	10	0.84
129-00-0	Pyrene	10	U	10	1.6
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
218-01-9	Chrysene	2.0	U	2.0	0.91
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
92-52-4	1,1'-Biphenyl	10	U	10	1.2
98-86-2	Acetophenone	10	U	10	2.3
123-91-1	1,4-Dioxane	10	U	10	1.6
100-52-7	Benzaldehyde	10	U	10	2.1

MW 10/4/24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-310328-1

SDG No.:

Client Sample ID: TRC-EB-08282024 | Lab Sample ID: 460-310328-3

Matrix: Water | Lab File ID: A34592.D

Analysis Method: 8270E | Date Collected: 08/28/2024 10:50

Extract. Method: 3510C | Date Extracted: 08/30/2024 08:07

Sample wt/vol: 250(mL) | Date Analyzed: 08/30/2024 13:15

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993471 | Units: ug/L

Preparation Batch No.: 993417 | Instrument ID: CBNAMS16

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
105-60-2	Caprolactam	10	U	10	2.2
1912-24-9	Atrazine	2.0	U	2.0	1.3
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	86		51-145
4165-62-2	Phenol-d5 (Surr)	31		10-56
1718-51-0	Terphenyl-d14 (Surr)	37		13-159
118-79-6	2,4,6-Tribromophenol (Surr)	122		37-150
367-12-4	2-Fluorophenol (Surr)	50		16-80
321-60-8	2-Fluorobiphenyl	99		46-139

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-310328-1

SDG No.:

Client Sample ID: TRC-SB-22-E(72-73) | Lab Sample ID: 460-310328-4

Matrix: Solid | Lab File ID: f62952.D

Analysis Method: 8270E | Date Collected: 08/28/2024 14:15

Extract. Method: 3546 | Date Extracted: 08/29/2024 21:41

Sample wt/vol: 15.04(g) | Date Analyzed: 08/30/2024 10:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 5.9 % Solids: 94.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993358 | Units: mg/Kg

Preparation Batch No.: 993313 | Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.35	U	0.35	0.012
95-94-3	1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011
123-91-1	1,4-Dioxane	0.035	U	0.035	0.031
108-60-1	2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021
58-90-2	2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024
95-95-4	2,4,5-Trichlorophenol	0.35	U	0.35	0.036
88-06-2	2,4,6-Trichlorophenol	0.14	U	0.14	0.045
120-83-2	2,4-Dichlorophenol	0.14	U	0.14	0.022
105-67-9	2,4-Dimethylphenol	0.35	U	0.35	0.042
51-28-5	2,4-Dinitrophenol	0.28	U	0.28	0.17
121-14-2	2,4-Dinitrotoluene	0.071	U	0.071	0.038
606-20-2	2,6-Dinitrotoluene	0.071	U	0.071	0.025
91-58-7	2-Chloronaphthalene	0.35	U	0.35	0.016
95-57-8	2-Chlorophenol	0.35	U	0.35	0.012
91-57-6	2-Methylnaphthalene	0.35	U	0.35	0.0098
95-48-7	2-Methylphenol	0.35	U	0.35	0.013
88-74-4	2-Nitroaniline	0.35	U	0.35	0.027
88-75-5	2-Nitrophenol	0.35	U	0.35	0.035
15831-10-4	3 & 4 Methylphenol	0.35	U	0.35	0.022
91-94-1	3,3'-Dichlorobenzidine	0.14	U	0.14	0.053
99-09-2	3-Nitroaniline	0.35	U	0.35	0.083
534-52-1	4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14
101-55-3	4-Bromophenyl phenyl ether	0.35	U	0.35	0.014
59-50-7	4-Chloro-3-methylphenol	0.35	U	0.35	0.020
106-47-8	4-Chloroaniline	0.35	U	0.35	0.062
7005-72-3	4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012
106-44-5	4-Methylphenol	0.35	U	0.35	0.022
100-01-6	4-Nitroaniline	0.35	U	0.35	0.040
100-02-7	4-Nitrophenol	0.71	U	0.71	0.057
83-32-9	Acenaphthene	0.35	U	0.35	0.010
208-96-8	Acenaphthylene	0.35	U	0.35	0.010

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310328-1
SDG No.:
Client Sample ID: TRC-SB-22-E(72-73) | Lab Sample ID: 460-310328-4
Matrix: Solid | Lab File ID: f62952.D
Analysis Method: 8270E | Date Collected: 08/28/2024 14:15
Extract. Method: 3546 | Date Extracted: 08/29/2024 21:41
Sample wt/vol: 15.04(g) | Date Analyzed: 08/30/2024 10:24
Con. Extract Vol.: 1(mL) | Dilution Factor: 1
Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: 5.9 % Solids: 94.1 | GPC Cleanup:(Y/N) N
Cleanup Factor: | Level: (low/med) Low
Analysis Batch No.: 993358 | Units: mg/Kg
Preparation Batch No.: 993313 | Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-86-2	Acetophenone	0.35	U	0.35	0.017
120-12-7	Anthracene	0.35	U	0.35	0.011
1912-24-9	Atrazine	0.14	U	0.14	0.021
100-52-7	Benzaldehyde	0.35	U	0.35	0.058
56-55-3	Benzo[a]anthracene	0.035	U	0.035	0.026
50-32-8	Benzo[a]pyrene	0.035	U	0.035	0.0093
205-99-2	Benzo[b]fluoranthene	0.035	U	0.035	0.0091
191-24-2	Benzo[g,h,i]perylene	0.35	U	0.35	0.010
207-08-9	Benzo[k]fluoranthene	0.035	U	0.035	0.0069
111-91-1	Bis(2-chloroethoxy)methane	0.35	U	0.35	0.027
111-44-4	Bis(2-chloroethyl)ether	0.035	U	0.035	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019
85-68-7	Butyl benzyl phthalate	0.35	U	0.35	0.016
105-60-2	Caprolactam	0.35	U	0.35	0.055
86-74-8	Carbazole	0.35	U	0.35	0.013
218-01-9	Chrysene	0.35	U	0.35	0.015
53-70-3	Dibenz(a,h)anthracene	0.035	U	0.035	0.015
132-64-9	Dibenzofuran	0.35	U	0.35	0.012
84-66-2	Diethyl phthalate	0.35	U	0.35	0.011
131-11-3	Dimethyl phthalate	0.35	U	0.35	0.080
84-74-2	Di-n-butyl phthalate	0.017	J	0.35	0.013
117-84-0	Di-n-octyl phthalate	0.35	U	0.35	0.019
206-44-0	Fluoranthene	0.35	U	0.35	0.012
86-73-7	Fluorene	0.35	U	0.35	0.010
118-74-1	Hexachlorobenzene	0.035	U	0.035	0.017
87-68-3	Hexachlorobutadiene	0.071	U	0.071	0.0075
77-47-4	Hexachlorocyclopentadiene	0.35	U	0.35	0.031
67-72-1	Hexachloroethane	0.035	U	0.035	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014
78-59-1	Isophorone	0.14	U	0.14	0.10
91-20-3	Naphthalene	0.35	U	0.35	0.0061

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310328-1

SDG No.:

Client Sample ID: TRC-SB-22-E(72-73) | Lab Sample ID: 460-310328-4

Matrix: Solid | Lab File ID: f62952.D

Analysis Method: 8270E | Date Collected: 08/28/2024 14:15

Extract. Method: 3546 | Date Extracted: 08/29/2024 21:41

Sample wt/vol: 15.04(g) | Date Analyzed: 08/30/2024 10:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 5.9 % Solids: 94.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993358 | Units: mg/Kg

Preparation Batch No.: 993313 | Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-95-3	Nitrobenzene	0.035	U	0.035	0.019
621-64-7	N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025
86-30-6	N-Nitrosodiphenylamine	0.35	U	0.35	0.029
87-86-5	Pentachlorophenol	0.28	U	0.28	0.072
85-01-8	Phenanthrene	0.35	U	0.35	0.014
108-95-2	Phenol	0.35	U	0.35	0.013
129-00-0	Pyrene	0.35	U	0.35	0.0087

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	67		24-137
321-60-8	2-Fluorobiphenyl	81		38-128
367-12-4	2-Fluorophenol (Surr)	77		31-133
4165-60-0	Nitrobenzene-d5 (Surr)	80		31-120
4165-62-2	Phenol-d5 (Surr)	79		35-132
1718-51-0	Terphenyl-d14 (Surr)	84		44-147

NW 10/4/24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

6

Lab Name: Eurofins Edison | Job No.: 460-310328-1

SDG No.:

Client Sample ID: TRC-SB-22-S(25-27) | Lab Sample ID: 460-310328-6

Matrix: Solid | Lab File ID: f62953.D

Analysis Method: 8270E | Date Collected: 08/27/2024 13:30

Extract. Method: 3546 | Date Extracted: 08/29/2024 21:41

Sample wt/vol: 15.09(g) | Date Analyzed: 08/30/2024 10:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.5 % Solids: 91.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993358 | Units: mg/Kg

Preparation Batch No.: 993313 | Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.36	U	0.36	0.012
95-94-3	1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011
123-91-1	1,4-Dioxane	0.036	U	0.036	0.031
108-60-1	2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022
58-90-2	2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024
95-95-4	2,4,5-Trichlorophenol	0.36	U	0.36	0.037
88-06-2	2,4,6-Trichlorophenol	0.14	U	0.14	0.046
120-83-2	2,4-Dichlorophenol	0.14	U	0.14	0.023
105-67-9	2,4-Dimethylphenol	0.36	U	0.36	0.043
51-28-5	2,4-Dinitrophenol	0.29	U	0.29	0.18
121-14-2	2,4-Dinitrotoluene	0.073	U	0.073	0.039
606-20-2	2,6-Dinitrotoluene	0.073	U	0.073	0.026
91-58-7	2-Chloronaphthalene	0.36	U	0.36	0.017
95-57-8	2-Chlorophenol	0.36	U	0.36	0.013
91-57-6	2-Methylnaphthalene	0.36	U	0.36	0.010
95-48-7	2-Methylphenol	0.36	U	0.36	0.013
88-74-4	2-Nitroaniline	0.36	U	0.36	0.027
88-75-5	2-Nitrophenol	0.36	U	0.36	0.036
15831-10-4	3 & 4 Methylphenol	0.36	U	0.36	0.022
91-94-1	3,3'-Dichlorobenzidine	0.14	U	0.14	0.054
99-09-2	3-Nitroaniline	0.36	U	0.36	0.085
534-52-1	4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15
101-55-3	4-Bromophenyl phenyl ether	0.36	U	0.36	0.014
59-50-7	4-Chloro-3-methylphenol	0.36	U	0.36	0.020
106-47-8	4-Chloroaniline	0.36	U	0.36	0.064
7005-72-3	4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013
106-44-5	4-Methylphenol	0.36	U	0.36	0.022
100-01-6	4-Nitroaniline	0.36	U	0.36	0.041
100-02-7	4-Nitrophenol	0.73	U	0.73	0.059
83-32-9	Acenaphthene	0.36	U	0.36	0.010
208-96-8	Acenaphthylene	0.36	U	0.36	0.010

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310328-1
SDG No.:
Client Sample ID: TRC-SB-22-S(25-27) | Lab Sample ID: 460-310328-6
Matrix: Solid | Lab File ID: f62953.D
Analysis Method: 8270E | Date Collected: 08/27/2024 13:30
Extract. Method: 3546 | Date Extracted: 08/29/2024 21:41
Sample wt/vol: 15.09(g) | Date Analyzed: 08/30/2024 10:41
Con. Extract Vol.: 1(mL) | Dilution Factor: 1
Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: 8.5 % Solids: 91.5 | GPC Cleanup:(Y/N) N
Cleanup Factor: | Level: (low/med) Low
Analysis Batch No.: 993358 | Units: mg/Kg
Preparation Batch No.: 993313 | Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-86-2	Acetophenone	0.36	U	0.36	0.018
120-12-7	Anthracene	0.36	U	0.36	0.011
1912-24-9	Atrazine	0.14	U	0.14	0.021
100-52-7	Benzaldehyde	0.36	U	0.36	0.059
56-55-3	Benzo[a]anthracene	0.036	U	0.036	0.027
50-32-8	Benzo[a]pyrene	0.036	U	0.036	0.0096
205-99-2	Benzo[b]fluoranthene	0.036	U	0.036	0.0093
191-24-2	Benzo[g,h,i]perylene	0.36	U	0.36	0.011
207-08-9	Benzo[k]fluoranthene	0.036	U	0.036	0.0070
111-91-1	Bis(2-chloroethoxy)methane	0.36	U	0.36	0.028
111-44-4	Bis(2-chloroethyl)ether	0.036	U	0.036	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019
85-68-7	Butyl benzyl phthalate	0.36	U	0.36	0.017
105-60-2	Caprolactam	0.36	U	0.36	0.056
86-74-8	Carbazole	0.36	U	0.36	0.014
218-01-9	Chrysene	0.36	U	0.36	0.015
53-70-3	Dibenz(a,h)anthracene	0.036	U	0.036	0.016
132-64-9	Dibenzofuran	0.36	U	0.36	0.012
84-66-2	Diethyl phthalate	0.36	U	0.36	0.012
131-11-3	Dimethyl phthalate	0.36	U	0.36	0.082
84-74-2	Di-n-butyl phthalate	0.024	J	0.36	0.014
117-84-0	Di-n-octyl phthalate	0.36	U	0.36	0.019
206-44-0	Fluoranthene	0.36	U	0.36	0.013
86-73-7	Fluorene	0.36	U	0.36	0.011
118-74-1	Hexachlorobenzene	0.036	U	0.036	0.017
87-68-3	Hexachlorobutadiene	0.073	U	0.073	0.0076
77-47-4	Hexachlorocyclopentadiene	0.36	U	0.36	0.032
67-72-1	Hexachloroethane	0.036	U	0.036	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014
78-59-1	Isophorone	0.14	U	0.14	0.10
91-20-3	Naphthalene	0.36	U	0.36	0.0062

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

6

Lab Name: Eurofins Edison | Job No.: 460-310328-1

SDG No.:

Client Sample ID: TRC-SB-22-S(25-27) | Lab Sample ID: 460-310328-6

Matrix: Solid | Lab File ID: f62953.D

Analysis Method: 8270E | Date Collected: 08/27/2024 13:30

Extract. Method: 3546 | Date Extracted: 08/29/2024 21:41

Sample wt/vol: 15.09(g) | Date Analyzed: 08/30/2024 10:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.5 % Solids: 91.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993358 | Units: mg/Kg

Preparation Batch No.: 993313 | Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-95-3	Nitrobenzene	0.036	U	0.036	0.020
621-64-7	N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026
86-30-6	N-Nitrosodiphenylamine	0.36	U	0.36	0.030
87-86-5	Pentachlorophenol	0.29	U	0.29	0.074
85-01-8	Phenanthrene	0.36	U	0.36	0.015
108-95-2	Phenol	0.36	U	0.36	0.013
129-00-0	Pyrene	0.36	U	0.36	0.0089

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	68		24-137
321-60-8	2-Fluorobiphenyl	81		38-128
367-12-4	2-Fluorophenol (Surr)	77		31-133
4165-60-0	Nitrobenzene-d5 (Surr)	81		31-120
4165-62-2	Phenol-d5 (Surr)	78		35-132
1718-51-0	Terphenyl-d14 (Surr)	86		44-147

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
NYSCA-PROPOSED PUBLIC SCHOOL K337, NEW YORK

Client: TRC Engineering, Inc., New York, New York
SDG: 460-310409-1
Laboratory: Eurofins Test America, Edison, New Jersey
Site: NYSCA-Proposed Public School K337, New York
Date: October 4, 2024

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	TRC-FB-08292024	460-310409-1	Water
2	TRC-SB-22-SW(27-28)	460-310409-2	Soil
3	TRC-SB-22-SW(65-67)	460-310409-3	Soil

A Data Usability Summary Review was performed on the analytical data for two soil samples and one aqueous field blank sample collected on August 29, 2024 by TRC at the NYSCA-Proposed Public School K337 in New York. The samples were analyzed under the "Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260D
SVOC	USEPA SW-846 Method 8270E

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number QA-HWSS-A-004, March 2022, Standard Operating Procedure for Validation of Volatile Data;
- SOP Number QA-HWSS-A-005, March 2022, Standard Operating Procedure for Validation of Semivolatile Data;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Holding times and sample preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tuning
- Initial and continuing calibration summaries
- Method blank and field blank contamination
- Surrogate Spike recoveries

- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Internal standard area and retention time summary forms
- Target Compound Identification
- Compound Quantitation
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOC)

Holding Times

- All samples were analyzed within 14 days for preserved water and soil samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) criteria and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
09/04/24 (0706)	1,2-Dichloroethane	22.9%	UJ	1

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were free of contamination.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-FB-08292024	None - ND	-	-	-

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

- The following table presents LCS/LCSD percent recoveries (%R) and RPD values outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS/LCSD ID	Compound	LCS%R/LCSD%R/RPD	Qualifier	Affected Samples
460-993916/2+3	n-Butylbenzene	OK/122%/OK	None	All Associated ND
	n-Propylbenzene	OK/122%/OK	J	2, 3

LCS/LCSD ID	Compound	LCS%R/LCSD%R/RPD	Qualifier	Affected Samples
460-993916/2+3	Sec-Butylbenzene	OK/122%/OK	None	All Associated ND
	1,1-Dichloroethane	123%/123%/OK		
	Methyl Acetate	137%/146%/OK		

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- TICs were qualified estimated (J) for unknown compounds and (NJ) for tentatively identified compounds.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Semivolatile Organic Compounds (SVOCs)

Holding Times

- All samples were extracted within 7 days for water samples and 14 days for soil samples and analyzed within 40 days for all samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) criteria and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected ® and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
08/31/24 (1314)	Benzaldehyde	47.7%	UJ	1

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were free of contamination.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-FB-08292024	None - ND	-	-	-

Surrogate Spike Recoveries

- The samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

- The following table presents LCS/LCSD percent recoveries (%R) and RPD values outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS/LCSD ID	Compound	LCS%R/LCSD%R/RPD	Qualifier	Affected Samples
460-993798/2-A+3-A	Hexachlorocyclopentadiene	169%/173%/OK	None	All Associated ND

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- TICs were qualified estimated (J) for unknown compounds, (NJ) for tentatively identified compounds and (R) for aldol condensation products.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 10/7/24

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310409-1

SDG No.:

Client Sample ID: TRC-FB-08292024 | Lab Sample ID: 460-310409-1

Matrix: Water | Lab File ID: V59283.D

Analysis Method: 8260D | Date Collected: 08/29/2024 09:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/04/2024 14:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 993963 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.40
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
75-00-3	Chloroethane	1.0	U	1.0	0.32
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
67-64-1	Acetone	5.0	U	5.0	4.4
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
67-66-3	Chloroform	1.0	U	1.0	0.33
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
71-43-2	Benzene	1.0	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
75-25-2	Bromoform	1.0	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
591-78-6	2-Hexanone	5.0	U	5.0	1.1
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
108-88-3	Toluene	1.0	U	1.0	0.38
108-90-7	Chlorobenzene	1.0	U	1.0	0.38

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison | Job No.: 460-310409-1

SDG No.:

Client Sample ID: TRC-FB-08292024 | Lab Sample ID: 460-310409-1

Matrix: Water | Lab File ID: V59283.D

Analysis Method: 8260D | Date Collected: 08/29/2024 09:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/04/2024 14:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 993963 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.42
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
110-54-3	Hexane	1.0	U	1.0	0.39
110-82-7	Cyclohexane	1.0	U	1.0	0.32
142-82-5	n-Heptane	5.0	U	5.0	2.1
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
91-20-3	Naphthalene	1.0	U	1.0	0.88
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.79
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
540-84-1	Isooctane	1.0	U	1.0	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-310409-1

SDG No.:

Client Sample ID: TRC-SB-22-SW (27-28) | Lab Sample ID: 460-310409-2

Matrix: Solid | Lab File ID: D19388.D

Analysis Method: 8260D | Date Collected: 08/29/2024 10:20

Sample wt/vol: 6.34(g) | Date Analyzed: 09/04/2024 05:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 3.6 % Solids: 96.4 | Level: (low/med) Low

Analysis Batch No.: 993916 | Units: mg/Kg

Preparation Batch No.: 993542 | Instrument ID: VOAMS4

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00082	U	0.00082	0.00019
79-34-5	1,1,2,2-Tetrachloroethane	0.00082	U	0.00082	0.00018
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00082	U	0.00082	0.00025
79-00-5	1,1,2-Trichloroethane	0.00082	U	0.00082	0.00015
75-34-3	1,1-Dichloroethane	0.00082	U	0.00082	0.00017
75-35-4	1,1-Dichloroethene	0.00082	U	0.00082	0.00018
87-61-6	1,2,3-Trichlorobenzene	0.00082	U	0.00082	0.00015
120-82-1	1,2,4-Trichlorobenzene	0.00082	U	0.00082	0.00029
95-63-6	1,2,4-Trimethylbenzene	0.00077	J	0.00082	0.00020
96-12-8	1,2-Dibromo-3-Chloropropane	0.00082	U	0.00082	0.00038
95-50-1	1,2-Dichlorobenzene	0.00082	U	0.00082	0.00030
107-06-2	1,2-Dichloroethane	0.00082	U	0.00082	0.00024
78-87-5	1,2-Dichloropropane	0.00082	U	0.00082	0.00035
108-67-8	1,3,5-Trimethylbenzene	0.00082	U	0.00082	0.00026
541-73-1	1,3-Dichlorobenzene	0.00082	U	0.00082	0.00030
106-46-7	1,4-Dichlorobenzene	0.00082	U	0.00082	0.00018
78-93-3	2-Butanone (MEK)	0.0041	U	0.0041	0.00030
591-78-6	2-Hexanone	0.0041	U	0.0041	0.0014
99-87-6	4-Isopropyltoluene	0.00082	U	0.00082	0.00024
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0041	U	0.0041	0.0013
67-64-1	Acetone	0.012		0.0049	0.0047
71-43-2	Benzene	0.00082	U	0.00082	0.00021
75-25-2	Bromoform	0.00082	U	0.00082	0.00035
74-83-9	Bromomethane	0.0016	U	0.0016	0.00082
75-15-0	Carbon disulfide	0.00082	U	0.00082	0.00022
56-23-5	Carbon tetrachloride	0.00082	U	0.00082	0.00032
108-90-7	Chlorobenzene	0.00082	U	0.00082	0.00014
74-97-5	Chlorobromomethane	0.00082	U	0.00082	0.00023
124-48-1	Chlorodibromomethane	0.00082	U	0.00082	0.00016
75-00-3	Chloroethane	0.00082	U	0.00082	0.00043
67-66-3	Chloroform	0.00082	U	0.00082	0.00079
74-87-3	Chloromethane	0.00082	U	0.00082	0.00036

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-310409-1

SDG No.:

Client Sample ID: TRC-SB-22-SW (27-28) | Lab Sample ID: 460-310409-2

Matrix: Solid | Lab File ID: D19388.D

Analysis Method: 8260D | Date Collected: 08/29/2024 10:20

Sample wt/vol: 6.34(g) | Date Analyzed: 09/04/2024 05:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 3.6 % Solids: 96.4 | Level: (low/med) Low

Analysis Batch No.: 993916 | Units: mg/Kg

Preparation Batch No.: 993542 | Instrument ID: VOAMS4

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	0.00082	U	0.00082	0.00029
10061-01-5	cis-1,3-Dichloropropene	0.00082	U	0.00082	0.00022
110-82-7	Cyclohexane	0.00082	U	0.00082	0.00018
75-27-4	Dichlorobromomethane	0.00082	U	0.00082	0.00021
75-71-8	Dichlorodifluoromethane	0.00082	U	0.00082	0.00028
100-41-4	Ethylbenzene	0.00021	J	0.00082	0.00016
106-93-4	Ethylene Dibromide	0.00082	U	0.00082	0.00015
110-54-3	Hexane	0.0015		0.00082	0.00033
540-84-1	Isooctane	0.00082	U	0.00082	0.00054
98-82-8	Isopropylbenzene	0.00082	U	0.00082	0.00023
79-20-9	Methyl acetate	0.0041	U	0.0041	0.0035
1634-04-4	Methyl tert-butyl ether	0.00082	U	0.00082	0.00042
108-87-2	Methylcyclohexane	0.00082	U	0.00082	0.00041
75-09-2	Methylene Chloride	0.0016	U	0.0016	0.00094
179601-23-1	m-Xylene & p-Xylene	0.00017	J	0.00082	0.00014
91-20-3	Naphthalene	0.0023		0.0012	0.00034
104-51-8	n-Butylbenzene	0.00082	U	0.00082	0.00024
142-82-5	n-Heptane	0.0028		0.00082	0.00028
103-65-1	N-Propylbenzene	0.00015	J	0.00082	0.00014
95-47-6	o-Xylene	0.00082	U	0.00082	0.00016
135-98-8	sec-Butylbenzene	0.00082	U	0.00082	0.00024
100-42-5	Styrene	0.00082	U	0.00082	0.00023
98-06-6	tert-Butylbenzene	0.00082	U	0.00082	0.00023
127-18-4	Tetrachloroethene	0.00082	U	0.00082	0.00025
108-88-3	Toluene	0.00082	U	0.00082	0.00019
156-60-5	trans-1,2-Dichloroethene	0.00082	U	0.00082	0.00020
10061-02-6	trans-1,3-Dichloropropene	0.00082	U	0.00082	0.00022
79-01-6	Trichloroethene	0.00082	U	0.00082	0.00026
75-69-4	Trichlorofluoromethane	0.00082	U	0.00082	0.00033
75-01-4	Vinyl chloride	0.00082	U	0.00082	0.00045
1330-20-7	Xylenes, Total	0.00017	J	0.0016	0.00014

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

2

Lab Name: Eurofins Edison | Job No.: 460-310409-1

SDG No.:

Client Sample ID: TRC-SB-22-SW (27-28) | Lab Sample ID: 460-310409-2

Matrix: Solid | Lab File ID: D19388.D

Analysis Method: 8260D | Date Collected: 08/29/2024 10:20

Sample wt/vol: 6.34(g) | Date Analyzed: 09/04/2024 05:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 3.6 % Solids: 96.4 | Level: (low/med) Low

Analysis Batch No.: 993916 | Units: mg/Kg

Preparation Batch No.: 993542 | Instrument ID: VOAMS4

Number TICs Found: 3 | TIC Result Total: 0.0167

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
111-84-2	Nonane	9.32	0.0041	NJ	97%
124-18-5	Decane	10.38	0.0054		87%
98-55-5	3-Cyclohexene-1-methanol, .alpha.,.alpha.4-trimethyl-	12.79	0.0072		90%

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-310409-1

SDG No.:

Client Sample ID: TRC-SB-22-SW (65-67) | Lab Sample ID: 460-310409-3

Matrix: Solid | Lab File ID: D19389.D

Analysis Method: 8260D | Date Collected: 08/29/2024 13:15

Sample wt/vol: 6.70(g) | Date Analyzed: 09/04/2024 05:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 8.4 % Solids: 91.6 | Level: (low/med) Low

Analysis Batch No.: 993916 | Units: mg/Kg

Preparation Batch No.: 993542 | Instrument ID: VOAMS4

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00082	U	0.00082	0.00019
79-34-5	1,1,2,2-Tetrachloroethane	0.00082	U	0.00082	0.00017
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00082	U	0.00082	0.00025
79-00-5	1,1,2-Trichloroethane	0.00082	U	0.00082	0.00015
75-34-3	1,1-Dichloroethane	0.00082	U	0.00082	0.00017
75-35-4	1,1-Dichloroethene	0.00082	U	0.00082	0.00018
87-61-6	1,2,3-Trichlorobenzene	0.00082	U	0.00082	0.00015
120-82-1	1,2,4-Trichlorobenzene	0.00082	U	0.00082	0.00029
95-63-6	1,2,4-Trimethylbenzene	0.0024		0.00082	0.00020
96-12-8	1,2-Dibromo-3-Chloropropane	0.00082	U	0.00082	0.00037
95-50-1	1,2-Dichlorobenzene	0.00082	U	0.00082	0.00029
107-06-2	1,2-Dichloroethane	0.00088		0.00082	0.00024
78-87-5	1,2-Dichloropropane	0.00082	U	0.00082	0.00034
108-67-8	1,3,5-Trimethylbenzene	0.0010		0.00082	0.00026
541-73-1	1,3-Dichlorobenzene	0.00082	U	0.00082	0.00030
106-46-7	1,4-Dichlorobenzene	0.00082	U	0.00082	0.00018
78-93-3	2-Butanone (MEK)	0.0041	U	0.0041	0.00030
591-78-6	2-Hexanone	0.0041	U	0.0041	0.0014
99-87-6	4-Isopropyltoluene	0.00082	U	0.00082	0.00024
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0041	U	0.0041	0.0013
67-64-1	Acetone	0.0095		0.0049	0.0047
71-43-2	Benzene	0.016		0.00082	0.00021
75-25-2	Bromoform	0.00082	U	0.00082	0.00035
74-83-9	Bromomethane	0.0016	U	0.0016	0.00082
75-15-0	Carbon disulfide	0.00075	J	0.00082	0.00022
56-23-5	Carbon tetrachloride	0.00082	U	0.00082	0.00032
108-90-7	Chlorobenzene	0.00082	U	0.00082	0.00014
74-97-5	Chlorobromomethane	0.00082	U	0.00082	0.00023
124-48-1	Chlorodibromomethane	0.00082	U	0.00082	0.00016
75-00-3	Chloroethane	0.00082	U	0.00082	0.00043
67-66-3	Chloroform	0.00082	U	0.00082	0.00079
74-87-3	Chloromethane	0.00082	U	0.00082	0.00035

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-310409-1

SDG No.:

Client Sample ID: TRC-SB-22-SW (65-67) | Lab Sample ID: 460-310409-3

Matrix: Solid | Lab File ID: D19389.D

Analysis Method: 8260D | Date Collected: 08/29/2024 13:15

Sample wt/vol: 6.70(g) | Date Analyzed: 09/04/2024 05:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 8.4 % Solids: 91.6 | Level: (low/med) Low

Analysis Batch No.: 993916 | Units: mg/Kg

Preparation Batch No.: 993542 | Instrument ID: VOAMS4

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	0.00082	U	0.00082	0.00029
10061-01-5	cis-1,3-Dichloropropene	0.00082	U	0.00082	0.00022
110-82-7	Cyclohexane	0.00082	U	0.00082	0.00018
75-27-4	Dichlorobromomethane	0.00082	U	0.00082	0.00021
75-71-8	Dichlorodifluoromethane	0.00082	U	0.00082	0.00028
100-41-4	Ethylbenzene	0.0019		0.00082	0.00016
106-93-4	Ethylene Dibromide	0.00082	U	0.00082	0.00015
110-54-3	Hexane	0.00070	J	0.00082	0.00033
540-84-1	Isooctane	0.00082	U	0.00082	0.00054
98-82-8	Isopropylbenzene	0.00030	J	0.00082	0.00023
79-20-9	Methyl acetate	0.0041	U	0.0041	0.0035
1634-04-4	Methyl tert-butyl ether	0.00054	J	0.00082	0.00042
108-87-2	Methylcyclohexane	0.00082	U	0.00082	0.00041
75-09-2	Methylene Chloride	0.0016	U	0.0016	0.00093
179601-23-1	m-Xylene & p-Xylene	0.011		0.00082	0.00014
91-20-3	Naphthalene	0.0014		0.0012	0.00033
104-51-8	n-Butylbenzene	0.00082	U	0.00082	0.00024
142-82-5	n-Heptane	0.00029	J	0.00082	0.00028
103-65-1	N-Propylbenzene	0.00021	J	0.00082	0.00014
95-47-6	o-Xylene	0.0045		0.00082	0.00016
135-98-8	sec-Butylbenzene	0.00082	U	0.00082	0.00023
100-42-5	Styrene	0.00082	U	0.00082	0.00023
98-06-6	tert-Butylbenzene	0.00082	U	0.00082	0.00022
127-18-4	Tetrachloroethene	0.00082	U	0.00082	0.00025
108-88-3	Toluene	0.0019		0.00082	0.00019
156-60-5	trans-1,2-Dichloroethene	0.00082	U	0.00082	0.00020
10061-02-6	trans-1,3-Dichloropropene	0.00082	U	0.00082	0.00022
79-01-6	Trichloroethene	0.00082	U	0.00082	0.00026
75-69-4	Trichlorofluoromethane	0.00082	U	0.00082	0.00033
75-01-4	Vinyl chloride	0.00082	U	0.00082	0.00044
1330-20-7	Xylenes, Total	0.015		0.0016	0.00014

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

3

Lab Name: Eurofins Edison | Job No.: 460-310409-1

SDG No.:

Client Sample ID: TRC-SB-22-SW (65-67) | Lab Sample ID: 460-310409-3

Matrix: Solid | Lab File ID: D19389.D

Analysis Method: 8260D | Date Collected: 08/29/2024 13:15

Sample wt/vol: 6.70(g) | Date Analyzed: 09/04/2024 05:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 8.4 % Solids: 91.6 | Level: (low/med) Low

Analysis Batch No.: 993916 | Units: mg/Kg

Preparation Batch No.: 993542 | Instrument ID: VOAMS4

Number TICs Found: 2 | TIC Result Total: 0.0125

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
115-07-1	Propene	1.34	0.0079	~~J~~ NJ	86%
	Unknown	1.63	0.0046	~~J~~ J	

FORM I-TIC 8260D

MW 10/4/24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison | Job No.: 460-310409-1

SDG No.:

Client Sample ID: TRC-FB-08292024 | Lab Sample ID: 460-310409-1

Matrix: Water | Lab File ID: P87443.D

Analysis Method: 8270E | Date Collected: 08/29/2024 09:00

Extract. Method: 3510C | Date Extracted: 08/31/2024 09:21

Sample wt/vol: 250(mL) | Date Analyzed: 08/31/2024 15:33

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993627 | Units: ug/L

Preparation Batch No.: 993589 | Instrument ID: CBNAMS18

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.29
95-57-8	2-Chlorophenol	10	U	10	0.38
95-48-7	2-Methylphenol	10	U	10	0.67
106-44-5	4-Methylphenol	10	U	10	0.65
15831-10-4	3 & 4 Methylphenol	10	U	10	0.64
88-75-5	2-Nitrophenol	10	U	10	0.75
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
121-14-2	2,4-Dinitrotoluene	10	U	10	1.0
100-02-7	4-Nitrophenol	20	U	20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
87-86-5	Pentachlorophenol	20	U	20	1.4
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
106-47-8	4-Chloroaniline	10	U	10	1.9
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
91-57-6	2-Methylnaphthalene	10	U	10	0.53
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
91-58-7	2-Chloronaphthalene	10	U	10	1.2
88-74-4	2-Nitroaniline	10	U	10	0.47
131-11-3	Dimethyl phthalate	10	U	10	0.77
208-96-8	Acenaphthylene	10	U	10	0.82
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
99-09-2	3-Nitroaniline	10	U	10	1.9

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison | Job No.: 460-310409-1

SDG No.:

Client Sample ID: TRC-FB-08292024 | Lab Sample ID: 460-310409-1

Matrix: Water | Lab File ID: P87443.D

Analysis Method: 8270E | Date Collected: 08/29/2024 09:00

Extract. Method: 3510C | Date Extracted: 08/31/2024 09:21

Sample wt/vol: 250(mL) | Date Analyzed: 08/31/2024 15:33

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993627 | Units: ug/L

Preparation Batch No.: 993589 | Instrument ID: CBNAMS18

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	10	U	10	1.1
132-64-9	Dibenzofuran	10	U	10	1.1
51-28-5	2,4-Dinitrophenol	40	U	40	2.6
84-66-2	Diethyl phthalate	10	U	10	0.98
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
86-73-7	Fluorene	10	U	10	0.91
100-01-6	4-Nitroaniline	10	U	10	1.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
85-01-8	Phenanthrene	10	U	10	1.3
120-12-7	Anthracene	10	U	10	1.3
86-74-8	Carbazole	10	U	10	0.68
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
206-44-0	Fluoranthene	10	U	10	0.84
129-00-0	Pyrene	10	U	10	1.6
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
218-01-9	Chrysene	2.0	U	2.0	0.91
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
92-52-4	1,1'-Biphenyl	10	U	10	1.2
98-86-2	Acetophenone	10	U	10	2.3
123-91-1	1,4-Dioxane	10	U	10	1.6
100-52-7	Benzaldehyde	10	JUS	10	2.1

MM 10/4/24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310409-1

SDG No.:

Client Sample ID: TRC-FB-08292024 | Lab Sample ID: 460-310409-1

Matrix: Water | Lab File ID: P87443.D

Analysis Method: 8270E | Date Collected: 08/29/2024 09:00

Extract. Method: 3510C | Date Extracted: 08/31/2024 09:21

Sample wt/vol: 250(mL) | Date Analyzed: 08/31/2024 15:33

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993627 | Units: ug/L

Preparation Batch No.: 993589 | Instrument ID: CBNAMS18

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
105-60-2	Caprolactam	10	U	10	2.2
1912-24-9	Atrazine	2.0	U	2.0	1.3
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	88		51-145
4165-62-2	Phenol-d5 (Surr)	44		10-56
1718-51-0	Terphenyl-d14 (Surr)	67		13-159
118-79-6	2,4,6-Tribromophenol (Surr)	78		37-150
367-12-4	2-Fluorophenol (Surr)	59		16-80
321-60-8	2-Fluorobiphenyl	83		46-139

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-310409-1

SDG No.:

Client Sample ID: TRC-SB-22-SW (27-28) | Lab Sample ID: 460-310409-2

Matrix: Solid | Lab File ID: f63015.D

Analysis Method: 8270E | Date Collected: 08/29/2024 10:20

Extract. Method: 3546 | Date Extracted: 08/31/2024 09:08

Sample wt/vol: 15.01(g) | Date Analyzed: 09/01/2024 14:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 3.6 % Solids: 96.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993708 | Units: mg/Kg

Preparation Batch No.: 993561 | Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.34	U	0.34	0.012
95-94-3	1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011
123-91-1	1,4-Dioxane	0.034	U	0.034	0.030
108-60-1	2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.021
58-90-2	2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023
95-95-4	2,4,5-Trichlorophenol	0.34	U	0.34	0.035
88-06-2	2,4,6-Trichlorophenol	0.14	U	0.14	0.044
120-83-2	2,4-Dichlorophenol	0.14	U	0.14	0.022
105-67-9	2,4-Dimethylphenol	0.34	U	0.34	0.041
51-28-5	2,4-Dinitrophenol	0.28	U	0.28	0.17
121-14-2	2,4-Dinitrotoluene	0.069	U	0.069	0.037
606-20-2	2,6-Dinitrotoluene	0.069	U	0.069	0.025
91-58-7	2-Chloronaphthalene	0.34	U	0.34	0.016
95-57-8	2-Chlorophenol	0.34	U	0.34	0.012
91-57-6	2-Methylnaphthalene	0.011	J	0.34	0.0096
95-48-7	2-Methylphenol	0.34	U	0.34	0.013
88-74-4	2-Nitroaniline	0.34	U	0.34	0.026
88-75-5	2-Nitrophenol	0.34	U	0.34	0.034
15831-10-4	3 & 4 Methylphenol	0.34	U	0.34	0.021
91-94-1	3,3'-Dichlorobenzidine	0.14	U	0.14	0.052
99-09-2	3-Nitroaniline	0.34	U	0.34	0.081
534-52-1	4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14
101-55-3	4-Bromophenyl phenyl ether	0.34	U	0.34	0.014
59-50-7	4-Chloro-3-methylphenol	0.34	U	0.34	0.019
106-47-8	4-Chloroaniline	0.34	U	0.34	0.061
7005-72-3	4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012
106-44-5	4-Methylphenol	0.34	U	0.34	0.021
100-01-6	4-Nitroaniline	0.34	U	0.34	0.039
100-02-7	4-Nitrophenol	0.69	U	0.69	0.056
83-32-9	Acenaphthene	0.34	U	0.34	0.0098
208-96-8	Acenaphthylene	0.34	U	0.34	0.0098

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-310409-1

SDG No.:

Client Sample ID: TRC-SB-22-SW (27-28) | Lab Sample ID: 460-310409-2

Matrix: Solid | Lab File ID: f63015.D

Analysis Method: 8270E | Date Collected: 08/29/2024 10:20

Extract. Method: 3546 | Date Extracted: 08/31/2024 09:08

Sample wt/vol: 15.01(g) | Date Analyzed: 09/01/2024 14:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 3.6 % Solids: 96.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993708 | Units: mg/Kg

Preparation Batch No.: 993561 | Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-86-2	Acetophenone	0.34	U	0.34	0.017
120-12-7	Anthracene	0.34	U	0.34	0.010
1912-24-9	Atrazine	0.14	U	0.14	0.020
100-52-7	Benzaldehyde	0.34	U	0.34	0.057
56-55-3	Benzo[a]anthracene	0.034	U	0.034	0.026
50-32-8	Benzo[a]pyrene	0.034	U	0.034	0.0091
205-99-2	Benzo[b]fluoranthene	0.034	U	0.034	0.0089
191-24-2	Benzo[g,h,i]perylene	0.34	U	0.34	0.010
207-08-9	Benzo[k]fluoranthene	0.034	U	0.034	0.0067
111-91-1	Bis(2-chloroethoxy)methane	0.34	U	0.34	0.027
111-44-4	Bis(2-chloroethyl)ether	0.034	U	0.034	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018
85-68-7	Butyl benzyl phthalate	0.34	U	0.34	0.016
105-60-2	Caprolactam	0.34	U	0.34	0.053
86-74-8	Carbazole	0.34	U	0.34	0.013
218-01-9	Chrysene	0.34	U	0.34	0.014
53-70-3	Dibenz(a,h)anthracene	0.034	U	0.034	0.015
132-64-9	Dibenzofuran	0.34	U	0.34	0.011
84-66-2	Diethyl phthalate	0.34	U	0.34	0.011
131-11-3	Dimethyl phthalate	0.34	U	0.34	0.078
84-74-2	Di-n-butyl phthalate	0.34	U	0.34	0.013
117-84-0	Di-n-octyl phthalate	0.34	U	0.34	0.018
206-44-0	Fluoranthene	0.34	U	0.34	0.012
86-73-7	Fluorene	0.34	U	0.34	0.010
118-74-1	Hexachlorobenzene	0.034	U	0.034	0.016
87-68-3	Hexachlorobutadiene	0.069	U	0.069	0.0073
77-47-4	Hexachlorocyclopentadiene	0.34	U	0.34	0.030
67-72-1	Hexachloroethane	0.034	U	0.034	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013
78-59-1	Isophorone	0.14	U	0.14	0.099
91-20-3	Naphthalene	0.016	J	0.34	0.0059

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-310409-1

SDG No.:

Client Sample ID: TRC-SB-22-SW (27-28) | Lab Sample ID: 460-310409-2

Matrix: Solid | Lab File ID: f63015.D

Analysis Method: 8270E | Date Collected: 08/29/2024 10:20

Extract. Method: 3546 | Date Extracted: 08/31/2024 09:08

Sample wt/vol: 15.01(g) | Date Analyzed: 09/01/2024 14:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 3.6 % Solids: 96.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993708 | Units: mg/Kg

Preparation Batch No.: 993561 | Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-95-3	Nitrobenzene	0.034	U	0.034	0.019
621-64-7	N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025
86-30-6	N-Nitrosodiphenylamine	0.34	U	0.34	0.028
87-86-5	Pentachlorophenol	0.28	U	0.28	0.070
85-01-8	Phenanthrene	0.34	U	0.34	0.014
108-95-2	Phenol	0.34	U	0.34	0.013
129-00-0	Pyrene	0.34	U	0.34	0.0085

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	49		24-137
321-60-8	2-Fluorobiphenyl	53		38-128
367-12-4	2-Fluorophenol (Surr)	54		31-133
4165-60-0	Nitrobenzene-d5 (Surr)	56		31-120
4165-62-2	Phenol-d5 (Surr)	55		35-132
1718-51-0	Terphenyl-d14 (Surr)	57		44-147

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

2

Lab Name: Eurofins Edison | Job No.: 460-310409-1

SDG No.:

Client Sample ID: TRC-SB-22-SW (27-28) | Lab Sample ID: 460-310409-2

Matrix: Solid | Lab File ID: f63015.D

Analysis Method: 8270E | Date Collected: 08/29/2024 10:20

Extract. Method: 3546 | Date Extracted: 08/31/2024 09:08

Sample wt/vol: 15.01(g) | Date Analyzed: 09/01/2024 14:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 3.6 % Solids: 96.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993708 | Units: mg/Kg

Preparation Batch No.: 993561 | Instrument ID: CBNAMS15

Number TICs Found: 1 | TIC Result Total: 0.47

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.21	0.47	A J R	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-310409-1

SDG No.:

Client Sample ID: TRC-SB-22-SW (65-67) | Lab Sample ID: 460-310409-3

Matrix: Solid | Lab File ID: X58902.d

Analysis Method: 8270E | Date Collected: 08/29/2024 13:15

Extract. Method: 3546 | Date Extracted: 09/03/2024 10:11

Sample wt/vol: 15.04(g) | Date Analyzed: 09/03/2024 22:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.4 % Solids: 91.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993888 | Units: mg/Kg

Preparation Batch No.: 993798 | Instrument ID: Agilent 7890A/5975C

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.36	U	0.36	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011
123-91-1	1,4-Dioxane	0.036	U	0.036	0.031
108-60-1	2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022
58-90-2	2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024
95-95-4	2,4,5-Trichlorophenol	0.36	U	0.36	0.037
88-06-2	2,4,6-Trichlorophenol	0.14	U	0.14	0.046
120-83-2	2,4-Dichlorophenol	0.14	U	0.14	0.023
105-67-9	2,4-Dimethylphenol	0.36	U	0.36	0.043
51-28-5	2,4-Dinitrophenol	0.29	U	0.29	0.18
121-14-2	2,4-Dinitrotoluene	0.073	U	0.073	0.039
606-20-2	2,6-Dinitrotoluene	0.073	U	0.073	0.026
91-58-7	2-Chloronaphthalene	0.36	U	0.36	0.017
95-57-8	2-Chlorophenol	0.36	U	0.36	0.013
91-57-6	2-Methylnaphthalene	0.36	U	0.36	0.010
95-48-7	2-Methylphenol	0.36	U	0.36	0.013
88-74-4	2-Nitroaniline	0.36	U	0.36	0.027
88-75-5	2-Nitrophenol	0.36	U	0.36	0.036
15831-10-4	3 & 4 Methylphenol	0.36	U	0.36	0.022
91-94-1	3,3'-Dichlorobenzidine	0.14	U	0.14	0.054
99-09-2	3-Nitroaniline	0.36	U	0.36	0.086
534-52-1	4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15
101-55-3	4-Bromophenyl phenyl ether	0.36	U	0.36	0.014
59-50-7	4-Chloro-3-methylphenol	0.36	U	0.36	0.020
106-47-8	4-Chloroaniline	0.36	U	0.36	0.064
7005-72-3	4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013
106-44-5	4-Methylphenol	0.36	U	0.36	0.023
100-01-6	4-Nitroaniline	0.36	U	0.36	0.041
100-02-7	4-Nitrophenol	0.73	U	0.73	0.059
83-32-9	Acenaphthene	0.36	U	0.36	0.010
208-96-8	Acenaphthylene	0.36	U	0.36	0.010

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-310409-1

SDG No.:

Client Sample ID: TRC-SB-22-SW (65-67) | Lab Sample ID: 460-310409-3

Matrix: Solid | Lab File ID: X58902.d

Analysis Method: 8270E | Date Collected: 08/29/2024 13:15

Extract. Method: 3546 | Date Extracted: 09/03/2024 10:11

Sample wt/vol: 15.04(g) | Date Analyzed: 09/03/2024 22:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.4 % Solids: 91.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993888 | Units: mg/Kg

Preparation Batch No.: 993798 | Instrument ID: Agilent 7890A/5975C

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-86-2	Acetophenone	0.36	U	0.36	0.018
120-12-7	Anthracene	0.36	U	0.36	0.011
1912-24-9	Atrazine	0.14	U	0.14	0.021
100-52-7	Benzaldehyde	0.36	U	0.36	0.060
56-55-3	Benzo[a]anthracene	0.036	U	0.036	0.027
50-32-8	Benzo[a]pyrene	0.036	U	0.036	0.0096
205-99-2	Benzo[b]fluoranthene	0.036	U	0.036	0.0093
191-24-2	Benzo[g,h,i]perylene	0.36	U	0.36	0.011
207-08-9	Benzo[k]fluoranthene	0.0083	J	0.036	0.0071
111-91-1	Bis(2-chloroethoxy)methane	0.36	U	0.36	0.028
111-44-4	Bis(2-chloroethyl)ether	0.036	U	0.036	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019
85-68-7	Butyl benzyl phthalate	0.36	U	0.36	0.017
105-60-2	Caprolactam	0.36	U	0.36	0.056
86-74-8	Carbazole	0.36	U	0.36	0.014
218-01-9	Chrysene	0.36	U	0.36	0.015
53-70-3	Dibenz(a,h)anthracene	0.036	U	0.036	0.016
132-64-9	Dibenzofuran	0.36	U	0.36	0.012
84-66-2	Diethyl phthalate	0.36	U	0.36	0.012
131-11-3	Dimethyl phthalate	0.36	U	0.36	0.082
84-74-2	Di-n-butyl phthalate	0.36	U	0.36	0.014
117-84-0	Di-n-octyl phthalate	0.36	U	0.36	0.019
206-44-0	Fluoranthene	0.36	U	0.36	0.013
86-73-7	Fluorene	0.36	U	0.36	0.011
118-74-1	Hexachlorobenzene	0.036	U	0.036	0.017
87-68-3	Hexachlorobutadiene	0.073	U	0.073	0.0077
77-47-4	Hexachlorocyclopentadiene	0.36	U	0.36	0.032
67-72-1	Hexachloroethane	0.036	U	0.036	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014
78-59-1	Isophorone	0.14	U	0.14	0.10
91-20-3	Naphthalene	0.36	U	0.36	0.0062

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-310409-1

SDG No.:

Client Sample ID: TRC-SB-22-SW (65-67) | Lab Sample ID: 460-310409-3

Matrix: Solid | Lab File ID: X58902.d

Analysis Method: 8270E | Date Collected: 08/29/2024 13:15

Extract. Method: 3546 | Date Extracted: 09/03/2024 10:11

Sample wt/vol: 15.04(g) | Date Analyzed: 09/03/2024 22:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.4 % Solids: 91.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993888 | Units: mg/Kg

Preparation Batch No.: 993798 | Instrument ID: Agilent 7890A/5975C

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-95-3	Nitrobenzene	0.036	U	0.036	0.020
621-64-7	N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026
86-30-6	N-Nitrosodiphenylamine	0.36	U	0.36	0.030
87-86-5	Pentachlorophenol	0.29	U	0.29	0.074
85-01-8	Phenanthrene	0.36	U	0.36	0.015
108-95-2	Phenol	0.36	U	0.36	0.013
129-00-0	Pyrene	0.36	U	0.36	0.0090

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	73		24-137
321-60-8	2-Fluorobiphenyl	71		38-128
367-12-4	2-Fluorophenol (Surr)	75		31-133
4165-60-0	Nitrobenzene-d5 (Surr)	70		31-120
4165-62-2	Phenol-d5 (Surr)	75		35-132
1718-51-0	Terphenyl-d14 (Surr)	79		44-147

MR 10/4/24

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

3

Lab Name: Eurofins Edison | Job No.: 460-310409-1

SDG No.:

Client Sample ID: TRC-SB-22-SW (65-67) | Lab Sample ID: 460-310409-3

Matrix: Solid | Lab File ID: X58902.d

Analysis Method: 8270E | Date Collected: 08/29/2024 13:15

Extract. Method: 3546 | Date Extracted: 09/03/2024 10:11

Sample wt/vol: 15.04(g) | Date Analyzed: 09/03/2024 22:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.4 % Solids: 91.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993888 | Units: mg/Kg

Preparation Batch No.: 993798 | Instrument ID: Agilent 7890A/5975C

Number TICs Found: 1 | TIC Result Total: 0.29

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.57	0.29	A J	

MW 10/4/24

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
NYSCA-PROPOSED PUBLIC SCHOOL K337, NEW YORK

Client: TRC Engineering, Inc., New York, New York
SDG: 460-310543-1
Laboratory: Eurofins Test America, Edison, New Jersey
Site: NYSCA-Proposed Public School K337, New York
Date: October 4, 2024

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	TRC-EB-08302024	460-310543-1	Water
2	TRC-SB-22-N (27-28)	460-310543-2	Soil
3	TRC-SB-22-N (28-29)	460-310543-3	Soil

A Data Usability Summary Review was performed on the analytical data for two soil samples and one aqueous equipment blank sample collected on August 30, 2024 by TRC at the NYSCA-Proposed Public School K337 in New York. The samples were analyzed under the "Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260D
SVOC	USEPA SW-846 Method 8270E

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number QA-HWSS-A-004, March 2022, Standard Operating Procedure for Validation of Volatile Data;
- SOP Number QA-HWSS-A-005, March 2022, Standard Operating Procedure for Validation of Semivolatile Data;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Holding times and sample preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tuning
- Initial and continuing calibration summaries
- Method blank and field blank contamination
- Surrogate Spike recoveries

- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Internal standard area and retention time summary forms
- Target Compound Identification
- Compound Quantitation
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOC)

Holding Times

- All samples were analyzed within 14 days for preserved water and soil samples.
- The laboratory flagged samples 2 and 3 as outside holding times but they are acceptable.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- All continuing calibration criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were free of contamination.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-08302024	None - ND	-	-	-

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

- The following table presents LCS/LCSD percent recoveries (%R) and RPD values outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS/LCSD ID	Compound	LCS%R/LCSD%R/RPD	Qualifier	Affected Samples
460-994335/4+5	1,1,1-Trichloroethane	OK/68%/OK	UJ	1
	Chloroform	OK/74%/OK	UJ	1
460-994189/3+28	Methyl Acetate	OK/121%/OK	None	All Associated ND
	1,1-Dichloroethane	122%/124%/OK		
460-994402/4+5	1,2-Dichloro-3-chloropropane	77%/OK/OK	UJ	2

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- All TICs were non-detected.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Semivolatile Organic Compounds (SVOCs)

Holding Times

- All samples were extracted within 7 days for water samples and 14 days for soil samples and analyzed within 40 days for all samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) criteria and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected ® and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
09/03/24 (1851)	Benzaldehyde	42.6%	UJ	2, 3
09/03/24 (1736)	Benzaldehyde	58.6%	UJ	1
	2,2'-Oxybis (1-Chloropropane)	29.8%		
	n-nitroso-di-n-propylamine	26.3%		
	3+4-Methylphenol	20.6%		
	4-Methylphenol	21.5%		

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were free of contamination.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-08302024	None - ND	-	-	-

Surrogate Spike Recoveries

- The samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

- The following table presents LCS/LCSD percent recoveries (%R) and RPD values outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS/LCSD ID	Compound	LCS%R/LCSD%R/RPD	Qualifier	Affected Samples
460-993800/2-A+3-A	Hexachlorocyclopentadiene	130%/132%/OK	None	All Associated ND

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- TICs were qualified estimated (J) for unknown compounds, (NJ) for tentatively identified compounds and (R) for aldol condensation products.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 10/7/24

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison | Job No.: 460-310543-1

SDG No.:

Client Sample ID: TRC-EB-08302024 | Lab Sample ID: 460-310543-1

Matrix: Water | Lab File ID: V59332.D

Analysis Method: 8260D | Date Collected: 08/30/2024 09:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/05/2024 21:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 994335 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.40
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
75-00-3	Chloroethane	1.0	U	1.0	0.32
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
67-64-1	Acetone	5.0	U	5.0	4.4
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
67-66-3	Chloroform	1.0	U	1.0	0.33
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
71-43-2	Benzene	1.0	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
75-25-2	Bromoform	1.0	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
591-78-6	2-Hexanone	5.0	U	5.0	1.1
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
108-88-3	Toluene	1.0	U	1.0	0.38
108-90-7	Chlorobenzene	1.0	U	1.0	0.38

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310543-1

SDG No.:

Client Sample ID: TRC-EB-08302024 | Lab Sample ID: 460-310543-1

Matrix: Water | Lab File ID: V59332.D

Analysis Method: 8260D | Date Collected: 08/30/2024 09:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/05/2024 21:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 994335 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.42
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
110-54-3	Hexane	1.0	U	1.0	0.39
110-82-7	Cyclohexane	1.0	U	1.0	0.32
142-82-5	n-Heptane	5.0	U	5.0	2.1
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
91-20-3	Naphthalene	1.0	U	1.0	0.88
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.79
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
540-84-1	Isooctane	1.0	U	1.0	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-310543-1

SDG No.:

Client Sample ID: TRC-SB-22-N (27-28) | Lab Sample ID: 460-310543-2

Matrix: Solid | Lab File ID: D19499.D

Analysis Method: 8260D | Date Collected: 08/30/2024 11:40

Sample wt/vol: 6.40(g) | Date Analyzed: 09/06/2024 08:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 9.4 % Solids: 90.6 | Level: (low/med) Low

Analysis Batch No.: 994402 | Units: mg/Kg

Preparation Batch No.: 993717 | Instrument ID: CVOAMS4

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00086	U H	0.00086	0.00020
79-34-5	1,1,2,2-Tetrachloroethane	0.00086	U H	0.00086	0.00018
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00086	U H	0.00086	0.00026
79-00-5	1,1,2-Trichloroethane	0.00086	U H	0.00086	0.00015
75-34-3	1,1-Dichloroethane	0.00086	U H	0.00086	0.00018
75-35-4	1,1-Dichloroethene	0.00086	U H	0.00086	0.00019
87-61-6	1,2,3-Trichlorobenzene	0.00086	U H	0.00086	0.00016
120-82-1	1,2,4-Trichlorobenzene	0.00086	U H	0.00086	0.00031
95-63-6	1,2,4-Trimethylbenzene	0.00086	U H	0.00086	0.00021
96-12-8	1,2-Dibromo-3-Chloropropane	0.00086	U H	0.00086	0.00040
95-50-1	1,2-Dichlorobenzene	0.00086	U H	0.00086	0.00031
107-06-2	1,2-Dichloroethane	0.00086	U H	0.00086	0.00026
78-87-5	1,2-Dichloropropane	0.00086	U H	0.00086	0.00036
108-67-8	1,3,5-Trimethylbenzene	0.00086	U H	0.00086	0.00027
541-73-1	1,3-Dichlorobenzene	0.00086	U H	0.00086	0.00031
106-46-7	1,4-Dichlorobenzene	0.00086	U H	0.00086	0.00019
78-93-3	2-Butanone (MEK)	0.0043	U H	0.0043	0.00032
591-78-6	2-Hexanone	0.0043	U H	0.0043	0.0015
99-87-6	4-Isopropyltoluene	0.00086	U H	0.00086	0.00026
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0043	U H	0.0043	0.0013
67-64-1	Acetone	0.0097	H	0.0052	0.0049
71-43-2	Benzene	0.00086	U H	0.00086	0.00022
75-25-2	Bromoform	0.00086	U H	0.00086	0.00037
74-83-9	Bromomethane	0.0017	U H	0.0017	0.00086
75-15-0	Carbon disulfide	0.00086	U H	0.00086	0.00023
56-23-5	Carbon tetrachloride	0.00086	U H	0.00086	0.00033
108-90-7	Chlorobenzene	0.00086	U H	0.00086	0.00015
74-97-5	Chlorobromomethane	0.00086	U H	0.00086	0.00024
124-48-1	Chlorodibromomethane	0.00086	U H	0.00086	0.00017
75-00-3	Chloroethane	0.00086	U H	0.00086	0.00045
67-66-3	Chloroform	0.00086	U H	0.00086	0.00084
74-87-3	Chloromethane	0.00086	U H	0.00086	0.00038

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-310543-1

SDG No.:

Client Sample ID: TRC-SB-22-N (27-28) | Lab Sample ID: 460-310543-2

Matrix: Solid | Lab File ID: D19499.D

Analysis Method: 8260D | Date Collected: 08/30/2024 11:40

Sample wt/vol: 6.40(g) | Date Analyzed: 09/06/2024 08:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 9.4 % Solids: 90.6 | Level: (low/med) Low

Analysis Batch No.: 994402 | Units: mg/Kg

Preparation Batch No.: 993717 | Instrument ID: CVOAMS4

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	0.00086	U H	0.00086	0.00031
10061-01-5	cis-1,3-Dichloropropene	0.00086	U H	0.00086	0.00024
110-82-7	Cyclohexane	0.00086	U H	0.00086	0.00019
75-27-4	Dichlorobromomethane	0.00086	U H	0.00086	0.00022
75-71-8	Dichlorodifluoromethane	0.00086	U H	0.00086	0.00029
100-41-4	Ethylbenzene	0.00086	U H	0.00086	0.00017
106-93-4	Ethylene Dibromide	0.00086	U H	0.00086	0.00016
110-54-3	Hexane	0.00086	U H	0.00086	0.00035
540-84-1	Isooctane	0.00086	U H	0.00086	0.00057
98-82-8	Isopropylbenzene	0.00086	U H	0.00086	0.00025
79-20-9	Methyl acetate	0.0043	U H	0.0043	0.0037
1634-04-4	Methyl tert-butyl ether	0.00086	U H	0.00086	0.00044
108-87-2	Methylcyclohexane	0.00086	U H	0.00086	0.00043
75-09-2	Methylene Chloride	0.0017	U H	0.0017	0.00099
179601-23-1	m-Xylene & p-Xylene	0.00086	U H	0.00086	0.00015
91-20-3	Naphthalene	0.0013	U H	0.0013	0.00035
104-51-8	n-Butylbenzene	0.00086	U H	0.00086	0.00025
142-82-5	n-Heptane	0.00086	U H	0.00086	0.00029
103-65-1	N-Propylbenzene	0.00086	U H	0.00086	0.00015
95-47-6	o-Xylene	0.00086	U H	0.00086	0.00017
135-98-8	sec-Butylbenzene	0.00086	U H	0.00086	0.00025
100-42-5	Styrene	0.00086	U H	0.00086	0.00024
98-06-6	tert-Butylbenzene	0.00086	U H	0.00086	0.00024
127-18-4	Tetrachloroethene	0.00086	U H	0.00086	0.00026
108-88-3	Toluene	0.00086	U H	0.00086	0.00020
156-60-5	trans-1,2-Dichloroethene	0.00086	U H	0.00086	0.00021
10061-02-6	trans-1,3-Dichloropropene	0.00086	U H	0.00086	0.00023
79-01-6	Trichloroethene	0.00086	U H	0.00086	0.00028
75-69-4	Trichlorofluoromethane	0.00086	U H	0.00086	0.00035
75-01-4	Vinyl chloride	0.00086	U H	0.00086	0.00047
1330-20-7	Xylenes, Total	0.0017	U H	0.0017	0.00015

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-310543-1

SDG No.:

Client Sample ID: TRC-SB-22-N (28-29) | Lab Sample ID: 460-310543-3

Matrix: Solid | Lab File ID: D19473.D

Analysis Method: 8260D | Date Collected: 08/30/2024 11:45

Sample wt/vol: 6.57(g) | Date Analyzed: 09/05/2024 15:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 8.4 % Solids: 91.6 | Level: (low/med) Low

Analysis Batch No.: 994189 | Units: mg/Kg

Preparation Batch No.: 993717 | Instrument ID: CVOAMS4

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00083	U H	0.00083	0.00019
79-34-5	1,1,2,2-Tetrachloroethane	0.00083	U H	0.00083	0.00018
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00083	U H	0.00083	0.00025
79-00-5	1,1,2-Trichloroethane	0.00083	U H	0.00083	0.00015
75-34-3	1,1-Dichloroethane	0.00083	U H	0.00083	0.00017
75-35-4	1,1-Dichloroethene	0.00083	U H	0.00083	0.00019
87-61-6	1,2,3-Trichlorobenzene	0.00083	U H	0.00083	0.00015
120-82-1	1,2,4-Trichlorobenzene	0.00083	U H	0.00083	0.00030
95-63-6	1,2,4-Trimethylbenzene	0.00083	U H	0.00083	0.00020
96-12-8	1,2-Dibromo-3-Chloropropane	0.00083	U H	0.00083	0.00038
95-50-1	1,2-Dichlorobenzene	0.00083	U H	0.00083	0.00030
107-06-2	1,2-Dichloroethane	0.00083	U H	0.00083	0.00025
78-87-5	1,2-Dichloropropane	0.00083	U H	0.00083	0.00035
108-67-8	1,3,5-Trimethylbenzene	0.00083	U H	0.00083	0.00026
541-73-1	1,3-Dichlorobenzene	0.00083	U H	0.00083	0.00030
106-46-7	1,4-Dichlorobenzene	0.00083	U H	0.00083	0.00019
78-93-3	2-Butanone (MEK)	0.0042	U H	0.0042	0.00031
591-78-6	2-Hexanone	0.0042	U H	0.0042	0.0014
99-87-6	4-Isopropyltoluene	0.00083	U H	0.00083	0.00025
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0042	U H	0.0042	0.0013
67-64-1	Acetone	0.10	H	0.0050	0.0048
71-43-2	Benzene	0.00083	U H	0.00083	0.00021
75-25-2	Bromoform	0.00083	U H	0.00083	0.00035
74-83-9	Bromomethane	0.0017	U H	0.0017	0.00083
75-15-0	Carbon disulfide	0.00083	U H	0.00083	0.00022
56-23-5	Carbon tetrachloride	0.00083	U H	0.00083	0.00032
108-90-7	Chlorobenzene	0.00083	U H	0.00083	0.00015
74-97-5	Chlorobromomethane	0.00083	U H	0.00083	0.00023
124-48-1	Chlorodibromomethane	0.00083	U H	0.00083	0.00016
75-00-3	Chloroethane	0.00083	U H	0.00083	0.00043
67-66-3	Chloroform	0.00083	U H	0.00083	0.00081
74-87-3	Chloromethane	0.00083	U H	0.00083	0.00036

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-310543-1

SDG No.:

Client Sample ID: TRC-SB-22-N (28-29) | Lab Sample ID: 460-310543-3

Matrix: Solid | Lab File ID: D19473.D

Analysis Method: 8260D | Date Collected: 08/30/2024 11:45

Sample wt/vol: 6.57(g) | Date Analyzed: 09/05/2024 15:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 8.4 % Solids: 91.6 | Level: (low/med) Low

Analysis Batch No.: 994189 | Units: mg/Kg

Preparation Batch No.: 993717 | Instrument ID: CVOAMS4

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	0.00083	U	0.00083	0.00030
10061-01-5	cis-1,3-Dichloropropene	0.00083	U	0.00083	0.00023
110-82-7	Cyclohexane	0.00083	U	0.00083	0.00018
75-27-4	Dichlorobromomethane	0.00083	U	0.00083	0.00021
75-71-8	Dichlorodifluoromethane	0.00083	U	0.00083	0.00028
100-41-4	Ethylbenzene	0.00083	U	0.00083	0.00017
106-93-4	Ethylene Dibromide	0.00083	U	0.00083	0.00015
110-54-3	Hexane	0.00083	U	0.00083	0.00033
540-84-1	Isooctane	0.00083	U	0.00083	0.00055
98-82-8	Isopropylbenzene	0.00083	U	0.00083	0.00024
79-20-9	Methyl acetate	0.0042	U	0.0042	0.0036
1634-04-4	Methyl tert-butyl ether	0.00083	U	0.00083	0.00043
108-87-2	Methylcyclohexane	0.00083	U	0.00083	0.00041
75-09-2	Methylene Chloride	0.0017	U	0.0017	0.00095
179601-23-1	m-Xylene & p-Xylene	0.00016	J	0.00083	0.00014
91-20-3	Naphthalene	0.0012	U	0.0012	0.00034
104-51-8	n-Butylbenzene	0.00083	U	0.00083	0.00024
142-82-5	n-Heptane	0.00083	U	0.00083	0.00028
103-65-1	N-Propylbenzene	0.00083	U	0.00083	0.00015
95-47-6	o-Xylene	0.00083	U	0.00083	0.00016
135-98-8	sec-Butylbenzene	0.00083	U	0.00083	0.00024
100-42-5	Styrene	0.00083	U	0.00083	0.00023
98-06-6	tert-Butylbenzene	0.00083	U	0.00083	0.00023
127-18-4	Tetrachloroethene	0.00083	U	0.00083	0.00025
108-88-3	Toluene	0.00083	U	0.00083	0.00019
156-60-5	trans-1,2-Dichloroethene	0.00083	U	0.00083	0.00020
10061-02-6	trans-1,3-Dichloropropene	0.00083	U	0.00083	0.00022
79-01-6	Trichloroethene	0.00083	U	0.00083	0.00027
75-69-4	Trichlorofluoromethane	0.00083	U	0.00083	0.00034
75-01-4	Vinyl chloride	0.00083	U	0.00083	0.00045
1330-20-7	Xylenes, Total	0.00016	J	0.0017	0.00014

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison | Job No.: 460-310543-1

SDG No.:

Client Sample ID: TRC-EB-08302024 | Lab Sample ID: 460-310543-1

Matrix: Water | Lab File ID: A34672.D

Analysis Method: 8270E | Date Collected: 08/30/2024 09:00

Extract. Method: 3510C | Date Extracted: 09/03/2024 09:13

Sample wt/vol: 250(mL) | Date Analyzed: 09/03/2024 22:23

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993871 | Units: ug/L

Preparation Batch No.: 993779 | Instrument ID: CBNAMS16

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.29
95-57-8	2-Chlorophenol	10	U	10	0.38
95-48-7	2-Methylphenol	10	U	10	0.67
106-44-5	4-Methylphenol	10	U UJ	10	0.65
15831-10-4	3 & 4 Methylphenol	10	U UJ	10	0.64
88-75-5	2-Nitrophenol	10	U	10	0.75
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
121-14-2	2,4-Dinitrotoluene	10	U	10	1.0
100-02-7	4-Nitrophenol	20	U	20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
87-86-5	Pentachlorophenol	20	U	20	1.4
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
621-64-7	N-Nitrosodi-n-propylamine	1.0	U UJ	1.0	0.43
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
106-47-8	4-Chloroaniline	10	U	10	1.9
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
91-57-6	2-Methylnaphthalene	10	U	10	0.53
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
91-58-7	2-Chloronaphthalene	10	U	10	1.2
88-74-4	2-Nitroaniline	10	U	10	0.47
131-11-3	Dimethyl phthalate	10	U	10	0.77
208-96-8	Acenaphthylene	10	U	10	0.82
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
99-09-2	3-Nitroaniline	10	U	10	1.9

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison | Job No.: 460-310543-1

SDG No.:

Client Sample ID: TRC-EB-08302024 | Lab Sample ID: 460-310543-1

Matrix: Water | Lab File ID: A34672.D

Analysis Method: 8270E | Date Collected: 08/30/2024 09:00

Extract. Method: 3510C | Date Extracted: 09/03/2024 09:13

Sample wt/vol: 250(mL) | Date Analyzed: 09/03/2024 22:23

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993871 | Units: ug/L

Preparation Batch No.: 993779 | Instrument ID: CBNAMS16

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	10	U	10	1.1
132-64-9	Dibenzofuran	10	U	10	1.1
51-28-5	2,4-Dinitrophenol	40	U	40	2.6
84-66-2	Diethyl phthalate	10	U	10	0.98
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
86-73-7	Fluorene	10	U	10	0.91
100-01-6	4-Nitroaniline	10	U	10	1.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
85-01-8	Phenanthrene	10	U	10	1.3
120-12-7	Anthracene	10	U	10	1.3
86-74-8	Carbazole	10	U	10	0.68
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
206-44-0	Fluoranthene	10	U	10	0.84
129-00-0	Pyrene	10	U	10	1.6
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
218-01-9	Chrysene	2.0	U	2.0	0.91
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
92-52-4	1,1'-Biphenyl	10	U	10	1.2
98-86-2	Acetophenone	10	U	10	2.3
123-91-1	1,4-Dioxane	10	U	10	1.6
100-52-7	Benzaldehyde	10	U J	10	2.1

MW 10/4/24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison Job No.: 460-310543-1

SDG No.:

Client Sample ID: TRC-EB-08302024 Lab Sample ID: 460-310543-1

Matrix: Water Lab File ID: A34672.D

Analysis Method: 8270E Date Collected: 08/30/2024 09:00

Extract. Method: 3510C Date Extracted: 09/03/2024 09:13

Sample wt/vol: 250(mL) Date Analyzed: 09/03/2024 22:23

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 993871 Units: ug/L

Preparation Batch No.: 993779 Instrument ID: CBNAMS16

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
105-60-2	Caprolactam	10	U	10	2.2
1912-24-9	Atrazine	2.0	U	2.0	1.3
108-60-1	2,2'-oxybis[1-chloropropane]	10	UJ	10	0.63
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	63		51-145
4165-62-2	Phenol-d5 (Surr)	38		10-56
1718-51-0	Terphenyl-d14 (Surr)	80		13-159
118-79-6	2,4,6-Tribromophenol (Surr)	93		37-150
367-12-4	2-Fluorophenol (Surr)	52		16-80
321-60-8	2-Fluorobiphenyl	64		46-139

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-310543-1

SDG No.:

Client Sample ID: TRC-SB-22-N (27-28) | Lab Sample ID: 460-310543-2

Matrix: Solid | Lab File ID: L38868.d

Analysis Method: 8270E | Date Collected: 08/30/2024 11:40

Extract. Method: 3546 | Date Extracted: 09/03/2024 10:20

Sample wt/vol: 15.00(g) | Date Analyzed: 09/03/2024 22:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.4 % Solids: 90.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993885 | Units: mg/Kg

Preparation Batch No.: 993800 | Instrument ID: CBNAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.032	J	0.36	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011
123-91-1	1,4-Dioxane	0.036	U	0.036	0.032
108-60-1	2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022
58-90-2	2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025
95-95-4	2,4,5-Trichlorophenol	0.36	U	0.36	0.037
88-06-2	2,4,6-Trichlorophenol	0.15	U	0.15	0.047
120-83-2	2,4-Dichlorophenol	0.15	U	0.15	0.023
105-67-9	2,4-Dimethylphenol	0.36	U	0.36	0.044
51-28-5	2,4-Dinitrophenol	0.29	U	0.29	0.18
121-14-2	2,4-Dinitrotoluene	0.074	U	0.074	0.039
606-20-2	2,6-Dinitrotoluene	0.074	U	0.074	0.026
91-58-7	2-Chloronaphthalene	0.36	U	0.36	0.017
95-57-8	2-Chlorophenol	0.36	U	0.36	0.013
91-57-6	2-Methylnaphthalene	0.049	J	0.36	0.010
95-48-7	2-Methylphenol	0.36	U	0.36	0.014
88-74-4	2-Nitroaniline	0.36	U	0.36	0.028
88-75-5	2-Nitrophenol	0.36	U	0.36	0.037
15831-10-4	3 & 4 Methylphenol	0.36	U	0.36	0.023
91-94-1	3,3'-Dichlorobenzidine	0.15	U	0.15	0.055
99-09-2	3-Nitroaniline	0.36	U	0.36	0.087
534-52-1	4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15
101-55-3	4-Bromophenyl phenyl ether	0.36	U	0.36	0.014
59-50-7	4-Chloro-3-methylphenol	0.36	U	0.36	0.020
106-47-8	4-Chloroaniline	0.36	U	0.36	0.065
7005-72-3	4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013
106-44-5	4-Methylphenol	0.36	U	0.36	0.023
100-01-6	4-Nitroaniline	0.36	U	0.36	0.042
100-02-7	4-Nitrophenol	0.74	U	0.74	0.060
83-32-9	Acenaphthene	0.014	J	0.36	0.010
208-96-8	Acenaphthylene	0.36	U	0.36	0.010

MW 10/4/24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-310543-1

SDG No.:

Client Sample ID: TRC-SB-22-N (27-28) | Lab Sample ID: 460-310543-2

Matrix: Solid | Lab File ID: L38868.d

Analysis Method: 8270E | Date Collected: 08/30/2024 11:40

Extract. Method: 3546 | Date Extracted: 09/03/2024 10:20

Sample wt/vol: 15.00(g) | Date Analyzed: 09/03/2024 22:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.4 % Solids: 90.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993885 | Units: mg/Kg

Preparation Batch No.: 993800 | Instrument ID: CBNAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-86-2	Acetophenone	0.36	U	0.36	0.018
120-12-7	Anthracene	0.36	U	0.36	0.011
1912-24-9	Atrazine	0.15	U	0.15	0.022
100-52-7	Benzaldehyde	0.36	U	0.36	0.060
56-55-3	Benzo[a]anthracene	0.036	U	0.036	0.027
50-32-8	Benzo[a]pyrene	0.036	U	0.036	0.0097
205-99-2	Benzo[b]fluoranthene	0.036	U	0.036	0.0094
191-24-2	Benzo[g,h,i]perylene	0.36	U	0.36	0.011
207-08-9	Benzo[k]fluoranthene	0.036	U	0.036	0.0072
111-91-1	Bis(2-chloroethoxy)methane	0.36	U	0.36	0.028
111-44-4	Bis(2-chloroethyl)ether	0.036	U	0.036	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019
85-68-7	Butyl benzyl phthalate	0.36	U	0.36	0.017
105-60-2	Caprolactam	0.36	U	0.36	0.057
86-74-8	Carbazole	0.36	U	0.36	0.014
218-01-9	Chrysene	0.36	U	0.36	0.015
53-70-3	Dibenz(a,h)anthracene	0.036	U	0.036	0.016
132-64-9	Dibenzofuran	0.36	U	0.36	0.012
84-66-2	Diethyl phthalate	0.36	U	0.36	0.012
131-11-3	Dimethyl phthalate	0.36	U	0.36	0.083
84-74-2	Di-n-butyl phthalate	0.064	J	0.36	0.014
117-84-0	Di-n-octyl phthalate	0.36	U	0.36	0.019
206-44-0	Fluoranthene	0.36	U	0.36	0.013
86-73-7	Fluorene	0.36	U	0.36	0.011
118-74-1	Hexachlorobenzene	0.036	U	0.036	0.017
87-68-3	Hexachlorobutadiene	0.074	U	0.074	0.0078
77-47-4	Hexachlorocyclopentadiene	0.36	U	0.36	0.032
67-72-1	Hexachloroethane	0.036	U	0.036	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014
78-59-1	Isophorone	0.15	U	0.15	0.11
91-20-3	Naphthalene	0.36	U	0.36	0.0063

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-310543-1

SDG No.:

Client Sample ID: TRC-SB-22-N (27-28) | Lab Sample ID: 460-310543-2

Matrix: Solid | Lab File ID: L38868.d

Analysis Method: 8270E | Date Collected: 08/30/2024 11:40

Extract. Method: 3546 | Date Extracted: 09/03/2024 10:20

Sample wt/vol: 15.00(g) | Date Analyzed: 09/03/2024 22:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.4 % Solids: 90.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993885 | Units: mg/Kg

Preparation Batch No.: 993800 | Instrument ID: CBNAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-95-3	Nitrobenzene	0.036	U	0.036	0.020
621-64-7	N-Nitrosodi-n-propylamine	0.036	U	0.036	0.027
86-30-6	N-Nitrosodiphenylamine	0.36	U	0.36	0.030
87-86-5	Pentachlorophenol	0.29	U	0.29	0.075
85-01-8	Phenanthrene	0.36	U	0.36	0.015
108-95-2	Phenol	0.36	U	0.36	0.013
129-00-0	Pyrene	0.36	U	0.36	0.0091

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	86		24-137
321-60-8	2-Fluorobiphenyl	85		38-128
367-12-4	2-Fluorophenol (Surr)	77		31-133
4165-60-0	Nitrobenzene-d5 (Surr)	79		31-120
4165-62-2	Phenol-d5 (Surr)	80		35-132
1718-51-0	Terphenyl-d14 (Surr)	91		44-147

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

2

Lab Name: Eurofins Edison | Job No.: 460-310543-1

SDG No.:

Client Sample ID: TRC-SB-22-N (27-28) | Lab Sample ID: 460-310543-2

Matrix: Solid | Lab File ID: L38868.d

Analysis Method: 8270E | Date Collected: 08/30/2024 11:40

Extract. Method: 3546 | Date Extracted: 09/03/2024 10:20

Sample wt/vol: 15.00(g) | Date Analyzed: 09/03/2024 22:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.4 % Solids: 90.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993885 | Units: mg/Kg

Preparation Batch No.: 993800 | Instrument ID: CBNAMS12

Number TICs Found: 20 | TIC Result Total: 26.42

CAS NO.	COMPOUND NAME	RT	RESULT	Q			MATCH QUALITY
	Aldol condensation product	2.20	0.43	J		R	
526-73-8	Benzene, 1,2,3-trimethyl-	3.56	0.80	J	N	NJ	91%
	Unknown	4.33	1.1	J		J	
	Unknown	5.42	0.43	J		J	
544-76-3	Hexadecane	5.59	0.78	J	N	NJ	90%
	Unknown	5.87	0.42	J		J	
31295-56-4	Dodecane, 2,6,11-trimethyl-	6.00	0.73	J	N	NJ	86%
	Unknown	6.44	0.92	J		J	
629-59-4	Tetradecane	6.64	1.1	J	N	NJ	90%
54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	7.58	2.5	J	N		86%
13287-23-5	Heptadecane, 8-methyl-	8.00	0.96	J	N		91%
26730-12-1	Tridecane, 4-methyl-	8.02	0.72	J	N		91%
55045-10-8	Tridecane, 6-propyl-	8.41	0.66	J	N		94%
628-97-7	Hexadecanoic acid, ethyl ester	8.78	0.93	J	N		96%
629-78-7	Heptadecane	8.80	0.56	J	N		95%
2566-97-4	9,12-Octadecadienoic acid, methyl ester, (E,E)-	9.16	2.3	J	N		98%
2462-84-2	9-Octadecenoic acid, methyl ester	9.19	1.7	J	N		98%
544-35-4	Linoleic acid ethyl ester	9.41	5.1	J	N		99%
111-62-6	Ethyl Oleate	9.43	3.8	J	N		87%
41114-00-5	Pentadecanoic acid, ethyl ester	9.51	0.48	J	N		91%

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-310543-1

SDG No.:

Client Sample ID: TRC-SB-22-N (28-29) | Lab Sample ID: 460-310543-3

Matrix: Solid | Lab File ID: L38867.d

Analysis Method: 8270E | Date Collected: 08/30/2024 11:45

Extract. Method: 3546 | Date Extracted: 09/03/2024 10:20

Sample wt/vol: 15.01(g) | Date Analyzed: 09/03/2024 22:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.4 % Solids: 91.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993885 | Units: mg/Kg

Preparation Batch No.: 993800 | Instrument ID: CBNAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.36	U	0.36	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011
123-91-1	1,4-Dioxane	0.036	U	0.036	0.032
108-60-1	2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022
58-90-2	2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024
95-95-4	2,4,5-Trichlorophenol	0.36	U	0.36	0.037
88-06-2	2,4,6-Trichlorophenol	0.15	U	0.15	0.046
120-83-2	2,4-Dichlorophenol	0.15	U	0.15	0.023
105-67-9	2,4-Dimethylphenol	0.36	U	0.36	0.043
51-28-5	2,4-Dinitrophenol	0.29	U	0.29	0.18
121-14-2	2,4-Dinitrotoluene	0.073	U	0.073	0.039
606-20-2	2,6-Dinitrotoluene	0.073	U	0.073	0.026
91-58-7	2-Chloronaphthalene	0.36	U	0.36	0.017
95-57-8	2-Chlorophenol	0.36	U	0.36	0.013
91-57-6	2-Methylnaphthalene	0.013	J	0.36	0.010
95-48-7	2-Methylphenol	0.36	U	0.36	0.013
88-74-4	2-Nitroaniline	0.36	U	0.36	0.028
88-75-5	2-Nitrophenol	0.36	U	0.36	0.036
15831-10-4	3 & 4 Methylphenol	0.36	U	0.36	0.023
91-94-1	3,3'-Dichlorobenzidine	0.15	U	0.15	0.055
99-09-2	3-Nitroaniline	0.36	U	0.36	0.086
534-52-1	4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15
101-55-3	4-Bromophenyl phenyl ether	0.36	U	0.36	0.014
59-50-7	4-Chloro-3-methylphenol	0.36	U	0.36	0.020
106-47-8	4-Chloroaniline	0.36	U	0.36	0.064
7005-72-3	4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013
106-44-5	4-Methylphenol	0.36	U	0.36	0.023
100-01-6	4-Nitroaniline	0.36	U	0.36	0.041
100-02-7	4-Nitrophenol	0.73	U	0.73	0.059
83-32-9	Acenaphthene	0.36	U	0.36	0.010
208-96-8	Acenaphthylene	0.36	U	0.36	0.010

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-310543-1

SDG No.:

Client Sample ID: TRC-SB-22-N (28-29) | Lab Sample ID: 460-310543-3

Matrix: Solid | Lab File ID: L38867.d

Analysis Method: 8270E | Date Collected: 08/30/2024 11:45

Extract. Method: 3546 | Date Extracted: 09/03/2024 10:20

Sample wt/vol: 15.01(g) | Date Analyzed: 09/03/2024 22:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.4 % Solids: 91.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993885 | Units: mg/Kg

Preparation Batch No.: 993800 | Instrument ID: CBNAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-86-2	Acetophenone	0.36	U	0.36	0.018
120-12-7	Anthracene	0.36	U	0.36	0.011
1912-24-9	Atrazine	0.15	U	0.15	0.021
100-52-7	Benzaldehyde	0.36	UJ	0.36	0.060
56-55-3	Benzo[a]anthracene	0.036	U	0.036	0.027
50-32-8	Benzo[a]pyrene	0.036	U	0.036	0.0096
205-99-2	Benzo[b]fluoranthene	0.036	U	0.036	0.0093
191-24-2	Benzo[g,h,i]perylene	0.36	U	0.36	0.011
207-08-9	Benzo[k]fluoranthene	0.036	U	0.036	0.0071
111-91-1	Bis(2-chloroethoxy)methane	0.36	U	0.36	0.028
111-44-4	Bis(2-chloroethyl)ether	0.036	U	0.036	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019
85-68-7	Butyl benzyl phthalate	0.36	U	0.36	0.017
105-60-2	Caprolactam	0.36	U	0.36	0.056
86-74-8	Carbazole	0.36	U	0.36	0.014
218-01-9	Chrysene	0.36	U	0.36	0.015
53-70-3	Dibenz(a,h)anthracene	0.036	U	0.036	0.016
132-64-9	Dibenzofuran	0.36	U	0.36	0.012
84-66-2	Diethyl phthalate	0.36	U	0.36	0.012
131-11-3	Dimethyl phthalate	0.36	U	0.36	0.082
84-74-2	Di-n-butyl phthalate	0.36	U	0.36	0.014
117-84-0	Di-n-octyl phthalate	0.36	U	0.36	0.019
206-44-0	Fluoranthene	0.36	U	0.36	0.013
86-73-7	Fluorene	0.36	U	0.36	0.011
118-74-1	Hexachlorobenzene	0.036	U	0.036	0.017
87-68-3	Hexachlorobutadiene	0.073	U	0.073	0.0077
77-47-4	Hexachlorocyclopentadiene	0.36	U	0.36	0.032
67-72-1	Hexachloroethane	0.036	U	0.036	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014
78-59-1	Isophorone	0.15	U	0.15	0.10
91-20-3	Naphthalene	0.36	U	0.36	0.0062

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-310543-1

SDG No.:

Client Sample ID: TRC-SB-22-N (28-29) | Lab Sample ID: 460-310543-3

Matrix: Solid | Lab File ID: L38867.d

Analysis Method: 8270E | Date Collected: 08/30/2024 11:45

Extract. Method: 3546 | Date Extracted: 09/03/2024 10:20

Sample wt/vol: 15.01(g) | Date Analyzed: 09/03/2024 22:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.4 % Solids: 91.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993885 | Units: mg/Kg

Preparation Batch No.: 993800 | Instrument ID: CBNAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-95-3	Nitrobenzene	0.036	U	0.036	0.020
621-64-7	N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026
86-30-6	N-Nitrosodiphenylamine	0.36	U	0.36	0.030
87-86-5	Pentachlorophenol	0.29	U	0.29	0.074
85-01-8	Phenanthrene	0.36	U	0.36	0.015
108-95-2	Phenol	0.36	U	0.36	0.013
129-00-0	Pyrene	0.36	U	0.36	0.0090

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	68		24-137
321-60-8	2-Fluorobiphenyl	70		38-128
367-12-4	2-Fluorophenol (Surr)	63		31-133
4165-60-0	Nitrobenzene-d5 (Surr)	65		31-120
4165-62-2	Phenol-d5 (Surr)	64		35-132
1718-51-0	Terphenyl-d14 (Surr)	77		44-147

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

3

Lab Name: Eurofins Edison | Job No.: 460-310543-1

SDG No.:

Client Sample ID: TRC-SB-22-N (28-29) | Lab Sample ID: 460-310543-3

Matrix: Solid | Lab File ID: L38867.d

Analysis Method: 8270E | Date Collected: 08/30/2024 11:45

Extract. Method: 3546 | Date Extracted: 09/03/2024 10:20

Sample wt/vol: 15.01(g) | Date Analyzed: 09/03/2024 22:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.4 % Solids: 91.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993885 | Units: mg/Kg

Preparation Batch No.: 993800 | Instrument ID: CBNAMS12

Number TICs Found: 12 | TIC Result Total: 7.93

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.20	0.32	J	R
544-76-3	Hexadecane	5.59	0.34	J N	NJ 90%
	Unknown	6.43	0.32	J	J
112-95-8	Eicosane	6.64	0.39	J N	NJ 91%
629-59-4	Tetradecane	7.12	0.38	J N	90%
74645-98-0	Dodecane, 2,7,10-trimethyl-	7.57	0.87	J N	90%
629-92-5	Nonadecane	8.00	0.32	J N	87%
41114-00-5	Pentadecanoic acid, ethyl ester	8.78	0.32	J N	91%
112-63-0	9,12-Octadecadienoic acid (Z,Z)-, methyl ester	9.17	0.78	J N	96%
112-62-9	9-Octadecenoic acid (Z)-, methyl ester	9.18	0.59	J N	93%
544-35-4	Linoleic acid ethyl ester	9.41	1.9	J N	96%
6114-18-7	(E)-9-Octadecenoic acid ethyl ester	9.42	1.4	J N	N 95%

MW 10/4/24

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
NYSCA-PROPOSED PUBLIC SCHOOL K337, NEW YORK

Client: TRC Engineering, Inc., New York, New York
SDG: 460-310775-1
Laboratory: Eurofins Test America, Edison, New Jersey
Site: NYSCA-Proposed Public School K337, New York
Date: October 4, 2024

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	TRC-SB-22-EE(25-27)	460-310775-1	Soil

A Data Usability Summary Review was performed on the analytical data for one soil sample collected on September 4, 2024 by TRC at the NYSCA-Proposed Public School K337 in New York. The samples were analyzed under the "Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260D
SVOC	USEPA SW-846 Method 8270E

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number QA-HWSS-A-004, March 2022, Standard Operating Procedure for Validation of Volatile Data;
- SOP Number QA-HWSS-A-005, March 2022, Standard Operating Procedure for Validation of Semivolatile Data;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Holding times and sample preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tuning
- Initial and continuing calibration summaries
- Method blank and field blank contamination
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries

- Internal standard area and retention time summary forms
- Target Compound Identification
- Compound Quantitation
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOC)

Holding Times

- All samples were analyzed within 14 days for soil samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- All continuing calibration criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

- The LCS/LCSD samples exhibited acceptable percent recoveries (%R) and RPD values.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- All TICs were non-detected.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Semivolatile Organic Compounds (SVOCs)

Holding Times

- All samples were extracted within 14 days for soil samples and analyzed within 40 days for all samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) criteria and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected ® and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
09/07/24 (1515)	2-Nitrophenol	21.5%	UJ	1
	Hexachlorocyclopentadiene	50.6%		

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

Surrogate Spike Recoveries

- The samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

- The LCS/LCSD samples exhibited acceptable percent recoveries (%R) and RPD values.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- All TICs were non-detected.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 10/7/24

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310775-1

SDG No.:

Client Sample ID: TRC-SB-22-EE(25-27) | Lab Sample ID: 460-310775-1

Matrix: Solid | Lab File ID: D19556.D

Analysis Method: 8260D | Date Collected: 09/04/2024 13:10

Sample wt/vol: 4.73(g) | Date Analyzed: 09/08/2024 09:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 8.1 % Solids: 91.9 | Level: (low/med) Low

Analysis Batch No.: 994708 | Units: mg/Kg

Preparation Batch No.: 994377 | Instrument ID: CVOAMS4

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00020
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00024
75-35-4	1,1-Dichloroethene	0.0012	U	0.0012	0.00026
87-61-6	1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00021
120-82-1	1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00041
95-63-6	1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00028
96-12-8	1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053
95-50-1	1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00034
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00049
108-67-8	1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00036
541-73-1	1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042
106-46-7	1,4-Dichlorobenzene	0.0012	U	0.0012	0.00026
78-93-3	2-Butanone (MEK)	0.0058	U	0.0058	0.00042
591-78-6	2-Hexanone	0.0058	U	0.0058	0.0020
99-87-6	4-Isopropyltoluene	0.0012	U	0.0012	0.00034
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018
67-64-1	Acetone	0.0069	U	0.0069	0.0066
71-43-2	Benzene	0.0012	U	0.0012	0.00030
75-25-2	Bromoform	0.0012	U	0.0012	0.00049
74-83-9	Bromomethane	0.0023	U	0.0023	0.0012
75-15-0	Carbon disulfide	0.0012	U	0.0012	0.00031
56-23-5	Carbon tetrachloride	0.0012	U	0.0012	0.00045
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00020
74-97-5	Chlorobromomethane	0.0012	U	0.0012	0.00032
124-48-1	Chlorodibromomethane	0.0012	U	0.0012	0.00022
75-00-3	Chloroethane	0.0012	U	0.0012	0.00060
67-66-3	Chloroform	0.0012	U	0.0012	0.0011
74-87-3	Chloromethane	0.0012	U	0.0012	0.00050

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison | Job No.: 460-310775-1

SDG No.:

Client Sample ID: TRC-SB-22-EE(25-27) | Lab Sample ID: 460-310775-1

Matrix: Solid | Lab File ID: D19556.D

Analysis Method: 8260D | Date Collected: 09/04/2024 13:10

Sample wt/vol: 4.73(g) | Date Analyzed: 09/08/2024 09:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

% Moisture: 8.1 % Solids: 91.9 | Level: (low/med) Low

Analysis Batch No.: 994708 | Units: mg/Kg

Preparation Batch No.: 994377 | Instrument ID: CVOAMS4

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00041
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00031
110-82-7	Cyclohexane	0.0012	U	0.0012	0.00025
75-27-4	Dichlorobromomethane	0.0012	U	0.0012	0.00030
75-71-8	Dichlorodifluoromethane	0.0012	U	0.0012	0.00039
100-41-4	Ethylbenzene	0.0012	U	0.0012	0.00023
106-93-4	Ethylene Dibromide	0.0012	U	0.0012	0.00021
110-54-3	Hexane	0.0012	U	0.0012	0.00046
540-84-1	Isooctane	0.0012	U	0.0012	0.00076
98-82-8	Isopropylbenzene	0.0012	U	0.0012	0.00033
79-20-9	Methyl acetate	0.0058	U	0.0058	0.0049
1634-04-4	Methyl tert-butyl ether	0.0012	U	0.0012	0.00059
108-87-2	Methylcyclohexane	0.0012	U	0.0012	0.00057
75-09-2	Methylene Chloride	0.0023	U	0.0023	0.0013
179601-23-1	m-Xylene & p-Xylene	0.0012	U	0.0012	0.00020
91-20-3	Naphthalene	0.0017	U	0.0017	0.00047
104-51-8	n-Butylbenzene	0.0012	U	0.0012	0.00034
142-82-5	n-Heptane	0.0012	U	0.0012	0.00039
103-65-1	N-Propylbenzene	0.0012	U	0.0012	0.00020
95-47-6	o-Xylene	0.0012	U	0.0012	0.00022
135-98-8	sec-Butylbenzene	0.0012	U	0.0012	0.00033
100-42-5	Styrene	0.0012	U	0.0012	0.00032
98-06-6	tert-Butylbenzene	0.0012	U	0.0012	0.00032
127-18-4	Tetrachloroethene	0.00077	J	0.0012	0.00035
108-88-3	Toluene	0.0012	U	0.0012	0.00027
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00028
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031
79-01-6	Trichloroethene	0.0012	U	0.0012	0.00037
75-69-4	Trichlorofluoromethane	0.0012	U	0.0012	0.00047
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00063
1330-20-7	Xylenes, Total	0.0023	U	0.0023	0.00020

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310775-1

SDG No.:

Client Sample ID: TRC-SB-22-EE(25-27) | Lab Sample ID: 460-310775-1

Matrix: Solid | Lab File ID: f63181.D

Analysis Method: 8270E | Date Collected: 09/04/2024 13:10

Extract. Method: 3546 | Date Extracted: 09/06/2024 21:20

Sample wt/vol: 15.06(g) | Date Analyzed: 09/07/2024 21:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.1 % Solids: 91.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 994678 | Units: mg/Kg

Preparation Batch No.: 994593 | Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.36	U	0.36	0.012
95-94-3	1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011
123-91-1	1,4-Dioxane	0.036	U	0.036	0.031
108-60-1	2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021
58-90-2	2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024
95-95-4	2,4,5-Trichlorophenol	0.36	U	0.36	0.037
88-06-2	2,4,6-Trichlorophenol	0.14	U	0.14	0.046
120-83-2	2,4-Dichlorophenol	0.14	U	0.14	0.023
105-67-9	2,4-Dimethylphenol	0.36	U	0.36	0.043
51-28-5	2,4-Dinitrophenol	0.29	U	0.29	0.18
121-14-2	2,4-Dinitrotoluene	0.073	U	0.073	0.039
606-20-2	2,6-Dinitrotoluene	0.073	U	0.073	0.026
91-58-7	2-Chloronaphthalene	0.36	U	0.36	0.017
95-57-8	2-Chlorophenol	0.36	U	0.36	0.013
91-57-6	2-Methylnaphthalene	0.36	U	0.36	0.010
95-48-7	2-Methylphenol	0.36	U	0.36	0.013
88-74-4	2-Nitroaniline	0.36	U	0.36	0.027
88-75-5	2-Nitrophenol	0.36	U	0.36	0.036
15831-10-4	3 & 4 Methylphenol	0.36	U	0.36	0.022
91-94-1	3,3'-Dichlorobenzidine	0.14	U	0.14	0.054
99-09-2	3-Nitroaniline	0.36	U	0.36	0.085
534-52-1	4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15
101-55-3	4-Bromophenyl phenyl ether	0.36	U	0.36	0.014
59-50-7	4-Chloro-3-methylphenol	0.36	U	0.36	0.020
106-47-8	4-Chloroaniline	0.36	U	0.36	0.064
7005-72-3	4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013
106-44-5	4-Methylphenol	0.36	U	0.36	0.022
100-01-6	4-Nitroaniline	0.36	U	0.36	0.041
100-02-7	4-Nitrophenol	0.73	U	0.73	0.058
83-32-9	Acenaphthene	0.36	U	0.36	0.010
208-96-8	Acenaphthylene	0.36	U	0.36	0.010

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison Job No.: 460-310775-1

SDG No.:

Client Sample ID: TRC-SB-22-EE(25-27) Lab Sample ID: 460-310775-1

Matrix: Solid Lab File ID: f63181.D

Analysis Method: 8270E Date Collected: 09/04/2024 13:10

Extract. Method: 3546 Date Extracted: 09/06/2024 21:20

Sample wt/vol: 15.06(g) Date Analyzed: 09/07/2024 21:06

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.1 % Solids: 91.9 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 994678 Units: mg/Kg

Preparation Batch No.: 994593 Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-86-2	Acetophenone	0.36	U	0.36	0.018
120-12-7	Anthracene	0.36	U	0.36	0.011
1912-24-9	Atrazine	0.14	U	0.14	0.021
100-52-7	Benzaldehyde	0.36	U	0.36	0.059
56-55-3	Benzo[a]anthracene	0.036	U	0.036	0.027
50-32-8	Benzo[a]pyrene	0.036	U	0.036	0.0096
205-99-2	Benzo[b]fluoranthene	0.036	U	0.036	0.0093
191-24-2	Benzo[g,h,i]perylene	0.36	U	0.36	0.011
207-08-9	Benzo[k]fluoranthene	0.036	U	0.036	0.0070
111-91-1	Bis(2-chloroethoxy)methane	0.36	U	0.36	0.028
111-44-4	Bis(2-chloroethyl)ether	0.036	U	0.036	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019
85-68-7	Butyl benzyl phthalate	0.36	U	0.36	0.017
105-60-2	Caprolactam	0.36	U	0.36	0.056
86-74-8	Carbazole	0.36	U	0.36	0.014
218-01-9	Chrysene	0.36	U	0.36	0.015
53-70-3	Dibenz(a,h)anthracene	0.036	U	0.036	0.016
132-64-9	Dibenzofuran	0.36	U	0.36	0.012
84-66-2	Diethyl phthalate	0.36	U	0.36	0.012
131-11-3	Dimethyl phthalate	0.36	U	0.36	0.081
84-74-2	Di-n-butyl phthalate	0.36	U	0.36	0.014
117-84-0	Di-n-octyl phthalate	0.36	U	0.36	0.019
206-44-0	Fluoranthene	0.36	U	0.36	0.013
86-73-7	Fluorene	0.36	U	0.36	0.010
118-74-1	Hexachlorobenzene	0.036	U	0.036	0.017
87-68-3	Hexachlorobutadiene	0.073	U	0.073	0.0076
77-47-4	Hexachlorocyclopentadiene	0.36	U	0.36	0.031
67-72-1	Hexachloroethane	0.036	U	0.036	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014
78-59-1	Isophorone	0.14	U	0.14	0.10
91-20-3	Naphthalene	0.36	U	0.36	0.0062

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310775-1

SDG No.:

Client Sample ID: TRC-SB-22-EE(25-27) | Lab Sample ID: 460-310775-1

Matrix: Solid | Lab File ID: f63181.D

Analysis Method: 8270E | Date Collected: 09/04/2024 13:10

Extract. Method: 3546 | Date Extracted: 09/06/2024 21:20

Sample wt/vol: 15.06(g) | Date Analyzed: 09/07/2024 21:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.1 % Solids: 91.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 994678 | Units: mg/Kg

Preparation Batch No.: 994593 | Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-95-3	Nitrobenzene	0.036	U	0.036	0.020
621-64-7	N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026
86-30-6	N-Nitrosodiphenylamine	0.36	U	0.36	0.029
87-86-5	Pentachlorophenol	0.29	U	0.29	0.073
85-01-8	Phenanthrene	0.36	U	0.36	0.015
108-95-2	Phenol	0.36	U	0.36	0.013
129-00-0	Pyrene	0.36	U	0.36	0.0089

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	60		24-137
321-60-8	2-Fluorobiphenyl	77		38-128
367-12-4	2-Fluorophenol (Surr)	74		31-133
4165-60-0	Nitrobenzene-d5 (Surr)	77		31-120
4165-62-2	Phenol-d5 (Surr)	74		35-132
1718-51-0	Terphenyl-d14 (Surr)	79		44-147

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
NYSCA-PROPOSED PUBLIC SCHOOL K337, NEW YORK

Client: TRC Engineering, Inc., New York, New York
SDG: 460-310868-1
Laboratory: Eurofins Test America, Edison, New Jersey
Site: NYSCA-Proposed Public School K337, New York
Date: October 4, 2024

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
2	TRC-EB-09062024	460-310868-2	Water
3	TRC-SB-22-SS(25-27)	460-310868-3	Soil

A Data Usability Summary Review was performed on the analytical data for one soil sample and one aqueous equipment blank sample collected on September 6, 2024 by TRC at the NYSCA-Proposed Public School K337 in New York. The samples were analyzed under the "Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260D
SVOC	USEPA SW-846 Method 8270E

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number QA-HWSS-A-004, March 2022, Standard Operating Procedure for Validation of Volatile Data;
- SOP Number QA-HWSS-A-005, March 2022, Standard Operating Procedure for Validation of Semivolatile Data;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Holding times and sample preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tuning
- Initial and continuing calibration summaries
- Method blank and field blank contamination
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries

- Laboratory Control Sample (LCS) recoveries
- Internal standard area and retention time summary forms
- Target Compound Identification
- Compound Quantitation
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOC)

Holding Times

- All samples were analyzed within 14 days for preserved water and soil samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) criteria and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
09/11/24 (1813)	Bromomethane	33.0%	UJ	2
09/11/24 (0807)	Bromoform	32.5%	UJ	3

Method Blank

- The method blanks were free of contamination.

Field Blank

- The following table lists field QC samples with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations of acetone, 2-butanone and methylene chloride (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds, an action level of five times (5x) the highest associated blank concentration is used.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-09062024	Carbon Disulfide	1.0	None	All Associated ND

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

- The following table presents LCS/LCSD percent recoveries (%R) and RPD values outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS/LCSD ID	Compound	LCS%R/LCSD%R/RPD	Qualifier	Affected Samples
460-995111/2+32	Bromoform	141%/130%/OK	None	All Associated ND
	Methyl Acetate	121%/OK/OK		

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- TICs were qualified estimated (NJ) for tentatively identified compounds.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Semivolatile Organic Compounds (SVOCs)

Holding Times

- All samples were extracted within 7 days for water samples and 14 days for soil samples and analyzed within 40 days for all samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) criteria and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
09/08/24 (1559)	Benzaldehyde	47.1%	UJ	2
09/10/24 (0619)	Benzaldehyde	49.1%	UJ	3

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were free of contamination.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-09062024	None - ND	-	-	-

Surrogate Spike Recoveries

- The samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

- The following table presents LCS/LCSD percent recoveries (%R) and RPD values outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS/LCSD ID	Compound	LCS%R/LCSD%R/RPD	Qualifier	Affected Samples
460-994933/2-A+3-A	Hexachlorocyclopentadiene	152%/166%/OK	None	All Associated ND
	2,4-Dimethylphenol	OK/125%/OK		
	4-Chloroaniline	OK/57%/46	UJ	3
	Benzo(g,h,i)perylene	OK/125%/OK	None	All Associated ND
	3,3'-Dichlorobenzidine	OK/55%/37	UJ	3

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- TICs were qualified estimated (J) for unknown compounds, (NJ) for tentatively identified compounds and (R) for aldol condensation products.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 10/7/24

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-310868-1

SDG No.:

Client Sample ID: TRC-EB-09062024 | Lab Sample ID: 460-310868-2

Matrix: Water | Lab File ID: V59598.D

Analysis Method: 8260D | Date Collected: 09/06/2024 09:55

Sample wt/vol: 5(mL) | Date Analyzed: 09/11/2024 21:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 995296 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.40
74-83-9	Bromomethane	1.0	U uJ	1.0	0.55
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
75-00-3	Chloroethane	1.0	U	1.0	0.32
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
67-64-1	Acetone	5.0	U	5.0	4.4
75-15-0	Carbon disulfide	1.0		1.0	0.82
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
67-66-3	Chloroform	1.0	U	1.0	0.33
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
71-43-2	Benzene	1.0	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
75-25-2	Bromoform	1.0	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
591-78-6	2-Hexanone	5.0	U	5.0	1.1
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
108-88-3	Toluene	1.0	U	1.0	0.38
108-90-7	Chlorobenzene	1.0	U	1.0	0.38

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison Job No.: 460-310868-1

SDG No.:

Client Sample ID: TRC-EB-09062024 Lab Sample ID: 460-310868-2

Matrix: Water Lab File ID: V59598.D

Analysis Method: 8260D Date Collected: 09/06/2024 09:55

Sample wt/vol: 5(mL) Date Analyzed: 09/11/2024 21:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 995296 Units: ug/L

Preparation Batch No.: Instrument ID: CVOAMS7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.42
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
110-54-3	Hexane	1.0	U	1.0	0.39
110-82-7	Cyclohexane	1.0	U	1.0	0.32
142-82-5	n-Heptane	5.0	U	5.0	2.1
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
91-20-3	Naphthalene	1.0	U	1.0	0.88
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.79
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
540-84-1	Isooctane	1.0	U	1.0	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310868-1

SDG No.:

Client Sample ID: TRC-SB-22-SS(25-27) | Lab Sample ID: 460-310868-3

Matrix: Solid | Lab File ID: B14653.D

Analysis Method: 8260D | Date Collected: 09/06/2024 12:15

Sample wt/vol: 4.18(g) | Date Analyzed: 09/11/2024 17:44

Soil Aliquot Vol: | Dilution Factor: 1

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

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

% Moisture: 1.8 % Solids: 98.2 | Level: (low/med) Low

Analysis Batch No.: 995111 | Units: mg/Kg

Preparation Batch No.: 994703 | Instrument ID: CVOAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00022
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00025
75-35-4	1,1-Dichloroethene	0.0012	U	0.0012	0.00027
87-61-6	1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00022
120-82-1	1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044
95-63-6	1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030
96-12-8	1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056
95-50-1	1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00036
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00052
108-67-8	1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038
541-73-1	1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044
106-46-7	1,4-Dichlorobenzene	0.0012	U	0.0012	0.00027
78-93-3	2-Butanone (MEK)	0.0061	U	0.0061	0.00045
591-78-6	2-Hexanone	0.0061	U	0.0061	0.0021
99-87-6	4-Isopropyltoluene	0.0012	U	0.0012	0.00036
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019
67-64-1	Acetone	0.0083		0.0073	0.0070
71-43-2	Benzene	0.0012	U	0.0012	0.00031
75-25-2	Bromoform	0.0012	U	0.0012	0.00052
74-83-9	Bromomethane	0.0024	U	0.0024	0.0012
75-15-0	Carbon disulfide	0.0012	U	0.0012	0.00032
56-23-5	Carbon tetrachloride	0.0012	U	0.0012	0.00047
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00022
74-97-5	Chlorobromomethane	0.0012	U	0.0012	0.00034
124-48-1	Chlorodibromomethane	0.0012	U	0.0012	0.00024
75-00-3	Chloroethane	0.0012	U	0.0012	0.00064
67-66-3	Chloroform	0.0012	U	0.0012	0.0012
74-87-3	Chloromethane	0.0012	U	0.0012	0.00053

FORM I

GC/MS VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison Job No.: 460-310868-1

SDG No.:

Client Sample ID: TRC-SB-22-SS(25-27) Lab Sample ID: 460-310868-3

Matrix: Solid Lab File ID: B14653.D

Analysis Method: 8260D Date Collected: 09/06/2024 12:15

Sample wt/vol: 4.18(g) Date Analyzed: 09/11/2024 17:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 1.8 % Solids: 98.2 Level: (low/med) Low

Analysis Batch No.: 995111 Units: mg/Kg

Preparation Batch No.: 994703 Instrument ID: CVOAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033
110-82-7	Cyclohexane	0.0012	U	0.0012	0.00027
75-27-4	Dichlorobromomethane	0.0012	U	0.0012	0.00031
75-71-8	Dichlorodifluoromethane	0.0012	U	0.0012	0.00041
100-41-4	Ethylbenzene	0.0012	U	0.0012	0.00024
106-93-4	Ethylene Dibromide	0.0012	U	0.0012	0.00022
110-54-3	Hexane	0.0012	U	0.0012	0.00049
540-84-1	Isooctane	0.0012	U	0.0012	0.00080
98-82-8	Isopropylbenzene	0.0012	U	0.0012	0.00035
79-20-9	Methyl acetate	0.0061	U f	0.0061	0.0052
1634-04-4	Methyl tert-butyl ether	0.0012	U	0.0012	0.00062
108-87-2	Methylcyclohexane	0.0012	U	0.0012	0.00061
75-09-2	Methylene Chloride	0.0024	U	0.0024	0.0014
179601-23-1	m-Xylene & p-Xylene	0.0012	U	0.0012	0.00021
91-20-3	Naphthalene	0.0018	U	0.0018	0.00050
104-51-8	n-Butylbenzene	0.0012	U	0.0012	0.00036
142-82-5	n-Heptane	0.0012	U	0.0012	0.00041
103-65-1	N-Propylbenzene	0.0012	U	0.0012	0.00021
95-47-6	o-Xylene	0.0012	U	0.0012	0.00024
135-98-8	sec-Butylbenzene	0.0012	U	0.0012	0.00035
100-42-5	Styrene	0.0012	U	0.0012	0.00034
98-06-6	tert-Butylbenzene	0.0012	U	0.0012	0.00034
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00037
108-88-3	Toluene	0.0012	U	0.0012	0.00029
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
79-01-6	Trichloroethene	0.0012	U	0.0012	0.00039
75-69-4	Trichlorofluoromethane	0.0012	U	0.0012	0.00049
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00067
1330-20-7	Xylenes, Total	0.0024	U	0.0024	0.00021

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

3

Lab Name: Eurofins Edison Job No.: 460-310868-1

SDG No.:

Client Sample ID: TRC-SB-22-SS(25-27) Lab Sample ID: 460-310868-3

Matrix: Solid Lab File ID: B14653.D

Analysis Method: 8260D Date Collected: 09/06/2024 12:15

Sample wt/vol: 4.18(g) Date Analyzed: 09/11/2024 17:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 1.8 % Solids: 98.2 Level: (low/med) Low

Analysis Batch No.: 995111 Units: mg/Kg

Preparation Batch No.: 994703 Instrument ID: CVOAMS2

Number TICs Found: 1 TIC Result Total: 0.019

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
128-37-0	Butylated Hydroxytoluene	14.46	0.019	J ~~N~~ NJ	97%

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison Job No.: 460-310868-1

SDG No.:

Client Sample ID: TRC-EB-09062024 Lab Sample ID: 460-310868-2

Matrix: Water Lab File ID: P87646.D

Analysis Method: 8270E Date Collected: 09/06/2024 09:55

Extract. Method: 3510C Date Extracted: 09/08/2024 06:55

Sample wt/vol: 250(mL) Date Analyzed: 09/09/2024 01:58

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 994748 Units: ug/L

Preparation Batch No.: 994713 Instrument ID: CBNAMS18

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.29
95-57-8	2-Chlorophenol	10	U	10	0.38
95-48-7	2-Methylphenol	10	U	10	0.67
106-44-5	4-Methylphenol	10	U	10	0.65
15831-10-4	3 & 4 Methylphenol	10	U	10	0.64
88-75-5	2-Nitrophenol	10	U	10	0.75
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
121-14-2	2,4-Dinitrotoluene	10	U	10	1.0
100-02-7	4-Nitrophenol	20	U	20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
87-86-5	Pentachlorophenol	20	U	20	1.4
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
106-47-8	4-Chloroaniline	10	U	10	1.9
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
91-57-6	2-Methylnaphthalene	10	U	10	0.53
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
91-58-7	2-Chloronaphthalene	10	U	10	1.2
88-74-4	2-Nitroaniline	10	U	10	0.47
131-11-3	Dimethyl phthalate	10	U	10	0.77
208-96-8	Acenaphthylene	10	U	10	0.82
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
99-09-2	3-Nitroaniline	10	U	10	1.9

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-310868-1
SDG No.:
Client Sample ID: TRC-EB-09062024 Lab Sample ID: 460-310868-2
Matrix: Water Lab File ID: P87646.D
Analysis Method: 8270E Date Collected: 09/06/2024 09:55
Extract. Method: 3510C Date Extracted: 09/08/2024 06:55
Sample wt/vol: 250(mL) Date Analyzed: 09/09/2024 01:58
Con. Extract Vol.: 2(mL) Dilution Factor: 1
Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: % Solids: GPC Cleanup:(Y/N) N
Cleanup Factor: Level: (low/med) Low
Analysis Batch No.: 994748 Units: ug/L
Preparation Batch No.: 994713 Instrument ID: CBNAMS18

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	10	U	10	1.1
132-64-9	Dibenzofuran	10	U	10	1.1
51-28-5	2,4-Dinitrophenol	40	U	40	2.6
84-66-2	Diethyl phthalate	10	U	10	0.98
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
86-73-7	Fluorene	10	U	10	0.91
100-01-6	4-Nitroaniline	10	U	10	1.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
85-01-8	Phenanthrene	10	U	10	1.3
120-12-7	Anthracene	10	U	10	1.3
86-74-8	Carbazole	10	U	10	0.68
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
206-44-0	Fluoranthene	10	U	10	0.84
129-00-0	Pyrene	10	U	10	1.6
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
218-01-9	Chrysene	2.0	U	2.0	0.91
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
92-52-4	1,1'-Biphenyl	10	U	10	1.2
98-86-2	Acetophenone	10	U	10	2.3
123-91-1	1,4-Dioxane	10	U	10	1.6
100-52-7	Benzaldehyde	10	~~U~~ UJ	10	2.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison Job No.: 460-310868-1

SDG No.:

Client Sample ID: TRC-EB-09062024 Lab Sample ID: 460-310868-2

Matrix: Water Lab File ID: P87646.D

Analysis Method: 8270E Date Collected: 09/06/2024 09:55

Extract. Method: 3510C Date Extracted: 09/08/2024 06:55

Sample wt/vol: 250(mL) Date Analyzed: 09/09/2024 01:58

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 994748 Units: ug/L

Preparation Batch No.: 994713 Instrument ID: CBNAMS18

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
105-60-2	Caprolactam	10	U	10	2.2
1912-24-9	Atrazine	2.0	U	2.0	1.3
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	92		51-145
4165-62-2	Phenol-d5 (Surr)	31		10-56
1718-51-0	Terphenyl-d14 (Surr)	75		13-159
118-79-6	2,4,6-Tribromophenol (Surr)	76		37-150
367-12-4	2-Fluorophenol (Surr)	45		16-80
321-60-8	2-Fluorobiphenyl	89		46-139

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison Job No.: 460-310868-1

SDG No.:

Client Sample ID: TRC-SB-22-SS(25-27) Lab Sample ID: 460-310868-3

Matrix: Solid Lab File ID: L38977.d

Analysis Method: 8270E Date Collected: 09/06/2024 12:15

Extract. Method: 3546 Date Extracted: 09/09/2024 21:01

Sample wt/vol: 15.03(g) Date Analyzed: 09/10/2024 08:56

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 1.8 % Solids: 98.2 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 994974 Units: mg/Kg

Preparation Batch No.: 994933 Instrument ID: CBNAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.34	U	0.34	0.012
95-94-3	1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.010
123-91-1	1,4-Dioxane	0.034	U	0.034	0.029
108-60-1	2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020
58-90-2	2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023
95-95-4	2,4,5-Trichlorophenol	0.34	U	0.34	0.034
88-06-2	2,4,6-Trichlorophenol	0.14	U	0.14	0.043
120-83-2	2,4-Dichlorophenol	0.14	U	0.14	0.022
105-67-9	2,4-Dimethylphenol	0.34	U	0.34	0.040
51-28-5	2,4-Dinitrophenol	0.27	U	0.27	0.17
121-14-2	2,4-Dinitrotoluene	0.068	U	0.068	0.036
606-20-2	2,6-Dinitrotoluene	0.068	U	0.068	0.024
91-58-7	2-Chloronaphthalene	0.34	U	0.34	0.016
95-57-8	2-Chlorophenol	0.34	U	0.34	0.012
91-57-6	2-Methylnaphthalene	0.34	U	0.34	0.0094
95-48-7	2-Methylphenol	0.34	U	0.34	0.013
88-74-4	2-Nitroaniline	0.34	U	0.34	0.026
88-75-5	2-Nitrophenol	0.34	U	0.34	0.034
15831-10-4	3 & 4 Methylphenol	0.34	U	0.34	0.021
91-94-1	3,3'-Dichlorobenzidine	0.14	U	0.14	0.051
99-09-2	3-Nitroaniline	0.34	U	0.34	0.080
534-52-1	4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14
101-55-3	4-Bromophenyl phenyl ether	0.34	U	0.34	0.013
59-50-7	4-Chloro-3-methylphenol	0.34	U	0.34	0.019
106-47-8	4-Chloroaniline	0.34	U	0.34	0.060
7005-72-3	4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012
106-44-5	4-Methylphenol	0.34	U	0.34	0.021
100-01-6	4-Nitroaniline	0.34	U	0.34	0.039
100-02-7	4-Nitrophenol	0.68	U	0.68	0.055
83-32-9	Acenaphthene	0.34	U	0.34	0.0096
208-96-8	Acenaphthylene	0.34	U	0.34	0.0096

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison Job No.: 460-310868-1

SDG No.:

Client Sample ID: TRC-SB-22-SS(25-27) Lab Sample ID: 460-310868-3

Matrix: Solid Lab File ID: L38977.d

Analysis Method: 8270E Date Collected: 09/06/2024 12:15

Extract. Method: 3546 Date Extracted: 09/09/2024 21:01

Sample wt/vol: 15.03(g) Date Analyzed: 09/10/2024 08:56

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 1.8 % Solids: 98.2 GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 994974 Units: mg/Kg

Preparation Batch No.: 994933 Instrument ID: CBNAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-86-2	Acetophenone	0.34	U	0.34	0.017
120-12-7	Anthracene	0.34	U	0.34	0.010
1912-24-9	Atrazine	0.14	U	0.14	0.020
100-52-7	Benzaldehyde	0.34	U J	0.34	0.056
56-55-3	Benzo[a]anthracene	0.034	U	0.034	0.025
50-32-8	Benzo[a]pyrene	0.034	U	0.034	0.0090
205-99-2	Benzo[b]fluoranthene	0.034	U	0.034	0.0087
191-24-2	Benzo[g,h,i]perylene	0.34	U	0.34	0.0099
207-08-9	Benzo[k]fluoranthene	0.034	U	0.034	0.0066
111-91-1	Bis(2-chloroethoxy)methane	0.34	U	0.34	0.026
111-44-4	Bis(2-chloroethyl)ether	0.034	U	0.034	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018
85-68-7	Butyl benzyl phthalate	0.34	U	0.34	0.016
105-60-2	Caprolactam	0.34	U	0.34	0.052
86-74-8	Carbazole	0.34	U	0.34	0.013
218-01-9	Chrysene	0.34	U	0.34	0.014
53-70-3	Dibenz(a,h)anthracene	0.034	U	0.034	0.015
132-64-9	Dibenzofuran	0.34	U	0.34	0.011
84-66-2	Diethyl phthalate	0.34	U	0.34	0.011
131-11-3	Dimethyl phthalate	0.34	U	0.34	0.076
84-74-2	Di-n-butyl phthalate	0.022	J	0.34	0.013
117-84-0	Di-n-octyl phthalate	0.34	U	0.34	0.018
206-44-0	Fluoranthene	0.34	U	0.34	0.012
86-73-7	Fluorene	0.34	U	0.34	0.0098
118-74-1	Hexachlorobenzene	0.034	U	0.034	0.016
87-68-3	Hexachlorobutadiene	0.068	U	0.068	0.0072
77-47-4	Hexachlorocyclopentadiene	0.34	U	0.34	0.029
67-72-1	Hexachloroethane	0.034	U	0.034	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013
78-59-1	Isophorone	0.14	U	0.14	0.097
91-20-3	Naphthalene	0.34	U	0.34	0.0058

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-310868-1

SDG No.:

Client Sample ID: TRC-SB-22-SS(25-27) | Lab Sample ID: 460-310868-3

Matrix: Solid | Lab File ID: L38977.d

Analysis Method: 8270E | Date Collected: 09/06/2024 12:15

Extract. Method: 3546 | Date Extracted: 09/09/2024 21:01

Sample wt/vol: 15.03(g) | Date Analyzed: 09/10/2024 08:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 1.8 % Solids: 98.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 994974 | Units: mg/Kg

Preparation Batch No.: 994933 | Instrument ID: CBNAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-95-3	Nitrobenzene	0.034	U	0.034	0.019
621-64-7	N-Nitrosodi-n-propylamine	0.034	U	0.034	0.024
86-30-6	N-Nitrosodiphenylamine	0.34	U	0.34	0.028
87-86-5	Pentachlorophenol	0.27	U	0.27	0.069
85-01-8	Phenanthrene	0.34	U	0.34	0.014
108-95-2	Phenol	0.34	U	0.34	0.012
129-00-0	Pyrene	0.34	U	0.34	0.0084

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	95		24-137
321-60-8	2-Fluorobiphenyl	91		38-128
367-12-4	2-Fluorophenol (Surr)	78		31-133
4165-60-0	Nitrobenzene-d5 (Surr)	84		31-120
4165-62-2	Phenol-d5 (Surr)	81		35-132
1718-51-0	Terphenyl-d14 (Surr)	103		44-147

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

3

Lab Name: Eurofins Edison | Job No.: 460-310868-1

SDG No.:

Client Sample ID: TRC-SB-22-SS(25-27) | Lab Sample ID: 460-310868-3

Matrix: Solid | Lab File ID: L38977.d

Analysis Method: 8270E | Date Collected: 09/06/2024 12:15

Extract. Method: 3546 | Date Extracted: 09/09/2024 21:01

Sample wt/vol: 15.03(g) | Date Analyzed: 09/10/2024 08:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 1.8 % Solids: 98.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 994974 | Units: mg/Kg

Preparation Batch No.: 994933 | Instrument ID: CBNAMS12

Number TICs Found: 1 | TIC Result Total: 0.29

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.17	0.29	A J R	

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
NYSCA-PROPOSED PUBLIC SCHOOL K337, NEW YORK

Client: TRC Engineering, Inc., New York, New York
SDG: 460-311019-1
Laboratory: Eurofins Test America, Edison, New Jersey
Site: NYSCA-Proposed Public School K337, New York
Date: October 4, 2024

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	TRC-EB-09092024	460-311019-1	Water
2	TRC-SB-22-SS (45'-46')	460-311019-2	Soil

A Data Usability Summary Review was performed on the analytical data for one soil sample and one aqueous equipment blank sample collected on September 9, 2024 by TRC at the NYSCA-Proposed Public School K337 in New York. The samples were analyzed under the "Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260D
SVOC	USEPA SW-846 Method 8270E

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number QA-HWSS-A-004, March 2022, Standard Operating Procedure for Validation of Volatile Data;
- SOP Number QA-HWSS-A-005, March 2022, Standard Operating Procedure for Validation of Semivolatile Data;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Holding times and sample preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tuning
- Initial and continuing calibration summaries
- Method blank and field blank contamination
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries

- Laboratory Control Sample (LCS) recoveries
- Internal standard area and retention time summary forms
- Target Compound Identification
- Compound Quantitation
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOC)

Holding Times

- All samples were analyzed within 14 days for preserved water and soil samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- All continuing calibration criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were free of contamination.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-09092024	None - ND	-	-	-

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

- The following table presents LCS/LCSD percent recoveries (%R) and RPD values outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS/LCSD ID	Compound	LCS%R/LCSD%R/RPD	Qualifier	Affected Samples
460-995431/2+3	1,1-Dichloroethane	OK/122%/OK	None	All Associated ND
	Bromoform	127%/133%/OK		
	Chloroethane	126%/131%/OK		
	Chloromethane	OK/143%/OK		
	Vinyl Chloride	OK/127%/OK		

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- All TICs were non-detected.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Semivolatile Organic Compounds (SVOCs)

Holding Times

- All samples were extracted within 7 days for water samples and 14 days for soil samples and analyzed within 40 days for all samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) criteria and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected ® and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
09/12/24 (1952)	Benzaldehyde	49.3%	UJ	1
09/11/24 (0601)	Benzaldehyde	48.5%	UJ	2

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were free of contamination.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-09092024	None - ND	-	-	-

Surrogate Spike Recoveries

- The samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

- The following table presents LCS/LCSD percent recoveries (%R) and RPD values outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS/LCSD ID	Compound	LCS%R/LCSD%R/RPD	Qualifier	Affected Samples
460-995129/2-A/3-A	2,4-Dimethylphenol	122%/169%/OK	None	All Associated ND
	Hexachlorocyclopentadiene	176%/OK/OK		

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- TICs were qualified estimated (J) for unknown compounds, (NJ) for tentatively identified compounds, and (R) for aldol condensation.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 10/7/24

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-311019-1

SDG No.:

Client Sample ID: TRC-EB-09092024 Lab Sample ID: 460-311019-1

Matrix: Water Lab File ID: A17069.D

Analysis Method: 8260D Date Collected: 09/09/2024 11:15

Sample wt/vol: 5(mL) Date Analyzed: 09/13/2024 10:31

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 995613 Units: ug/L

Preparation Batch No.: Instrument ID: CVOAMS1

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.40
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
75-00-3	Chloroethane	1.0	U	1.0	0.32
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
67-64-1	Acetone	5.0	U	5.0	4.4
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
67-66-3	Chloroform	1.0	U	1.0	0.33
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
71-43-2	Benzene	1.0	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
75-25-2	Bromoform	1.0	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
591-78-6	2-Hexanone	5.0	U	5.0	1.1
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
108-88-3	Toluene	1.0	U	1.0	0.38
108-90-7	Chlorobenzene	1.0	U	1.0	0.38

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison | Job No.: 460-311019-1

SDG No.:

Client Sample ID: TRC-EB-09092024 | Lab Sample ID: 460-311019-1

Matrix: Water | Lab File ID: A17069.D

Analysis Method: 8260D | Date Collected: 09/09/2024 11:15

Sample wt/vol: 5(mL) | Date Analyzed: 09/13/2024 10:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 995613 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.42
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
110-54-3	Hexane	1.0	U	1.0	0.39
110-82-7	Cyclohexane	1.0	U	1.0	0.32
142-82-5	n-Heptane	5.0	U	5.0	2.1
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
91-20-3	Naphthalene	1.0	U	1.0	0.88
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.79
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
540-84-1	Isooctane	1.0	U	1.0	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-311019-1

SDG No.:

Client Sample ID: TRC-SB-22-SS (45'-46') | Lab Sample ID: 460-311019-2

Matrix: Solid | Lab File ID: B14705.D

Analysis Method: 8260D | Date Collected: 09/09/2024 12:40

Sample wt/vol: 5.06(g) | Date Analyzed: 09/12/2024 16:11

Soil Aliquot Vol: | Dilution Factor: 1

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

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

% Moisture: 9.8 % Solids: 90.2 | Level: (low/med) Low

Analysis Batch No.: 995431 | Units: mg/Kg

Preparation Batch No.: 995051 | Instrument ID: CVOAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00023
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00023
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00025
87-61-6	1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00020
120-82-1	1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039
95-63-6	1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027
96-12-8	1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050
95-50-1	1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00032
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00046
108-67-8	1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034
541-73-1	1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040
106-46-7	1,4-Dichlorobenzene	0.0011	U	0.0011	0.00025
78-93-3	2-Butanone (MEK)	0.0055	U	0.0055	0.00040
591-78-6	2-Hexanone	0.0055	U	0.0055	0.0019
99-87-6	4-Isopropyltoluene	0.0011	U	0.0011	0.00033
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017
67-64-1	Acetone	0.0066	U	0.0066	0.0063
71-43-2	Benzene	0.0011	U	0.0011	0.00028
75-25-2	Bromoform	0.0011	U	0.0011	0.00047
74-83-9	Bromomethane	0.0022	U	0.0022	0.0011
75-15-0	Carbon disulfide	0.0011	U	0.0011	0.00029
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00042
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00019
74-97-5	Chlorobromomethane	0.0011	U	0.0011	0.00031
124-48-1	Chlorodibromomethane	0.0011	U	0.0011	0.00021
75-00-3	Chloroethane	0.0011	U	0.0011	0.00057
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
74-87-3	Chloromethane	0.0011	U	0.0011	0.00048

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison Job No.: 460-311019-1

SDG No.:

Client Sample ID: TRC-SB-22-SS (45'-46') Lab Sample ID: 460-311019-2

Matrix: Solid Lab File ID: B14705.D

Analysis Method: 8260D Date Collected: 09/09/2024 12:40

Sample wt/vol: 5.06(g) Date Analyzed: 09/12/2024 16:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 9.8 % Solids: 90.2 Level: (low/med) Low

Analysis Batch No.: 995431 Units: mg/Kg

Preparation Batch No.: 995051 Instrument ID: CVOAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030
110-82-7	Cyclohexane	0.0011	U	0.0011	0.00024
75-27-4	Dichlorobromomethane	0.0011	U	0.0011	0.00028
75-71-8	Dichlorodifluoromethane	0.0011	U	0.0011	0.00037
100-41-4	Ethylbenzene	0.0011	U	0.0011	0.00022
106-93-4	Ethylene Dibromide	0.0011	U	0.0011	0.00020
110-54-3	Hexane	0.0016		0.0011	0.00044
540-84-1	Isooctane	0.0011	U	0.0011	0.00072
98-82-8	Isopropylbenzene	0.0011	U	0.0011	0.00031
79-20-9	Methyl acetate	0.0055	U	0.0055	0.0047
1634-04-4	Methyl tert-butyl ether	0.0011	U	0.0011	0.00056
108-87-2	Methylcyclohexane	0.0011	U	0.0011	0.00055
75-09-2	Methylene Chloride	0.0022	U	0.0022	0.0013
179601-23-1	m-Xylene & p-Xylene	0.0011	U	0.0011	0.00019
91-20-3	Naphthalene	0.0016	U	0.0016	0.00045
104-51-8	n-Butylbenzene	0.0011	U	0.0011	0.00032
142-82-5	n-Heptane	0.0011	U	0.0011	0.00037
103-65-1	N-Propylbenzene	0.0011	U	0.0011	0.00019
95-47-6	o-Xylene	0.0011	U	0.0011	0.00021
135-98-8	sec-Butylbenzene	0.0011	U	0.0011	0.00032
100-42-5	Styrene	0.0011	U	0.0011	0.00030
98-06-6	tert-Butylbenzene	0.0011	U	0.0011	0.00030
127-18-4	Tetrachloroethene	0.0011	U	0.0011	0.00033
108-88-3	Toluene	0.0011	U	0.0011	0.00026
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029
79-01-6	Trichloroethene	0.0011	U	0.0011	0.00035
75-69-4	Trichlorofluoromethane	0.0011	U	0.0011	0.00044
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00060
1330-20-7	Xylenes, Total	0.0022	U	0.0022	0.00019

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison
Job No.: 460-311019-1
SDG No.:
Client Sample ID: TRC-EB-09092024
Lab Sample ID: 460-311019-1
Matrix: Water
Lab File ID: P87777.D
Analysis Method: 8270E
Date Collected: 09/09/2024 11:15
Extract. Method: 3510C
Date Extracted: 09/12/2024 12:30
Sample wt/vol: 250(mL)
Date Analyzed: 09/13/2024 03:04
Con. Extract Vol.: 2(mL)
Dilution Factor: 1
Injection Volume: 5(uL)
GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: % Solids:
GPC Cleanup:(Y/N) N
Cleanup Factor:
Level: (low/med) Low
Analysis Batch No.: 995541
Units: ug/L
Preparation Batch No.: 995479
Instrument ID: CBNAMS18

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.29
95-57-8	2-Chlorophenol	10	U	10	0.38
95-48-7	2-Methylphenol	10	U	10	0.67
106-44-5	4-Methylphenol	10	U	10	0.65
15831-10-4	3 & 4 Methylphenol	10	U	10	0.64
88-75-5	2-Nitrophenol	10	U	10	0.75
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
121-14-2	2,4-Dinitrotoluene	10	U	10	1.0
100-02-7	4-Nitrophenol	20	U	20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
87-86-5	Pentachlorophenol	20	U	20	1.4
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
106-47-8	4-Chloroaniline	10	U	10	1.9
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
91-57-6	2-Methylnaphthalene	10	U	10	0.53
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
91-58-7	2-Chloronaphthalene	10	U	10	1.2
88-74-4	2-Nitroaniline	10	U	10	0.47
131-11-3	Dimethyl phthalate	10	U	10	0.77
208-96-8	Acenaphthylene	10	U	10	0.82
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
99-09-2	3-Nitroaniline	10	U	10	1.9

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison
Job No.: 460-311019-1
SDG No.:
Client Sample ID: TRC-EB-09092024
Lab Sample ID: 460-311019-1
Matrix: Water
Lab File ID: P87777.D
Analysis Method: 8270E
Date Collected: 09/09/2024 11:15
Extract. Method: 3510C
Date Extracted: 09/12/2024 12:30
Sample wt/vol: 250(mL)
Date Analyzed: 09/13/2024 03:04
Con. Extract Vol.: 2(mL)
Dilution Factor: 1
Injection Volume: 5(uL)
GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: % Solids:
GPC Cleanup:(Y/N) N
Cleanup Factor:
Level: (low/med) Low
Analysis Batch No.: 995541
Units: ug/L
Preparation Batch No.: 995479
Instrument ID: CBNAMS18

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	10	U	10	1.1
132-64-9	Dibenzofuran	10	U	10	1.1
51-28-5	2,4-Dinitrophenol	40	U	40	2.6
84-66-2	Diethyl phthalate	10	U	10	0.98
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
86-73-7	Fluorene	10	U	10	0.91
100-01-6	4-Nitroaniline	10	U	10	1.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
85-01-8	Phenanthrene	10	U	10	1.3
120-12-7	Anthracene	10	U	10	1.3
86-74-8	Carbazole	10	U	10	0.68
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
206-44-0	Fluoranthene	10	U	10	0.84
129-00-0	Pyrene	10	U	10	1.6
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
218-01-9	Chrysene	2.0	U	2.0	0.91
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
92-52-4	1,1'-Biphenyl	10	U	10	1.2
98-86-2	Acetophenone	10	U	10	2.3
123-91-1	1,4-Dioxane	10	U	10	1.6
100-52-7	Benzaldehyde	10	✗ UJ	10	2.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison | Job No.: 460-311019-1

SDG No.:

Client Sample ID: TRC-EB-09092024 | Lab Sample ID: 460-311019-1

Matrix: Water | Lab File ID: P87777.D

Analysis Method: 8270E | Date Collected: 09/09/2024 11:15

Extract. Method: 3510C | Date Extracted: 09/12/2024 12:30

Sample wt/vol: 250(mL) | Date Analyzed: 09/13/2024 03:04

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 995541 | Units: ug/L

Preparation Batch No.: 995479 | Instrument ID: CBNAMS18

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
105-60-2	Caprolactam	10	U	10	2.2
1912-24-9	Atrazine	2.0	U	2.0	1.3
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	101		51-145
4165-62-2	Phenol-d5 (Surr)	41		10-56
1718-51-0	Terphenyl-d14 (Surr)	81		13-159
118-79-6	2,4,6-Tribromophenol (Surr)	102		37-150
367-12-4	2-Fluorophenol (Surr)	58		16-80
321-60-8	2-Fluorobiphenyl	98		46-139

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-311019-1

SDG No.:

Client Sample ID: TRC-SB-22-SS (45'-46') | Lab Sample ID: 460-311019-2

Matrix: Solid | Lab File ID: X59032.d

Analysis Method: 8270E | Date Collected: 09/09/2024 12:40

Extract. Method: 3546 | Date Extracted: 09/10/2024 21:12

Sample wt/vol: 15.06(g) | Date Analyzed: 09/11/2024 08:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.8 % Solids: 90.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 995163 | Units: mg/Kg

Preparation Batch No.: 995129 | Instrument ID: CBNAMS5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.36	U	0.36	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011
123-91-1	1,4-Dioxane	0.036	U	0.036	0.032
108-60-1	2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022
58-90-2	2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025
95-95-4	2,4,5-Trichlorophenol	0.36	U	0.36	0.037
88-06-2	2,4,6-Trichlorophenol	0.15	U	0.15	0.047
120-83-2	2,4-Dichlorophenol	0.15	U	0.15	0.023
105-67-9	2,4-Dimethylphenol	0.36	U	0.36	0.044
51-28-5	2,4-Dinitrophenol	0.29	U	0.29	0.18
121-14-2	2,4-Dinitrotoluene	0.074	U	0.074	0.039
606-20-2	2,6-Dinitrotoluene	0.074	U	0.074	0.026
91-58-7	2-Chloronaphthalene	0.36	U	0.36	0.017
95-57-8	2-Chlorophenol	0.36	U	0.36	0.013
91-57-6	2-Methylnaphthalene	0.36	U	0.36	0.010
95-48-7	2-Methylphenol	0.36	U	0.36	0.014
88-74-4	2-Nitroaniline	0.36	U	0.36	0.028
88-75-5	2-Nitrophenol	0.36	U	0.36	0.037
15831-10-4	3 & 4 Methylphenol	0.36	U	0.36	0.023
91-94-1	3,3'-Dichlorobenzidine	0.15	U	0.15	0.055
99-09-2	3-Nitroaniline	0.36	U	0.36	0.087
534-52-1	4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15
101-55-3	4-Bromophenyl phenyl ether	0.36	U	0.36	0.014
59-50-7	4-Chloro-3-methylphenol	0.36	U	0.36	0.020
106-47-8	4-Chloroaniline	0.36	U	0.36	0.065
7005-72-3	4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013
106-44-5	4-Methylphenol	0.36	U	0.36	0.023
100-01-6	4-Nitroaniline	0.36	U	0.36	0.042
100-02-7	4-Nitrophenol	0.74	U	0.74	0.060
83-32-9	Acenaphthene	0.36	U	0.36	0.010
208-96-8	Acenaphthylene	0.36	U	0.36	0.010

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-311019-1

SDG No.:

Client Sample ID: TRC-SB-22-SS (45'-46') | Lab Sample ID: 460-311019-2

Matrix: Solid | Lab File ID: X59032.d

Analysis Method: 8270E | Date Collected: 09/09/2024 12:40

Extract. Method: 3546 | Date Extracted: 09/10/2024 21:12

Sample wt/vol: 15.06(g) | Date Analyzed: 09/11/2024 08:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.8 % Solids: 90.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 995163 | Units: mg/Kg

Preparation Batch No.: 995129 | Instrument ID: CBNAMS5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-86-2	Acetophenone	0.36	U	0.36	0.018
120-12-7	Anthracene	0.36	U	0.36	0.011
1912-24-9	Atrazine	0.15	U	0.15	0.021
100-52-7	Benzaldehyde	0.36	UJ	0.36	0.060
56-55-3	Benzo[a]anthracene	0.036	U	0.036	0.027
50-32-8	Benzo[a]pyrene	0.036	U	0.036	0.0097
205-99-2	Benzo[b]fluoranthene	0.036	U	0.036	0.0094
191-24-2	Benzo[g,h,i]perylene	0.36	U	0.36	0.011
207-08-9	Benzo[k]fluoranthene	0.036	U	0.036	0.0072
111-91-1	Bis(2-chloroethoxy)methane	0.36	U	0.36	0.028
111-44-4	Bis(2-chloroethyl)ether	0.036	U	0.036	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019
85-68-7	Butyl benzyl phthalate	0.36	U	0.36	0.017
105-60-2	Caprolactam	0.36	U	0.36	0.057
86-74-8	Carbazole	0.36	U	0.36	0.014
218-01-9	Chrysene	0.36	U	0.36	0.015
53-70-3	Dibenz(a,h)anthracene	0.036	U	0.036	0.016
132-64-9	Dibenzofuran	0.36	U	0.36	0.012
84-66-2	Diethyl phthalate	0.36	U	0.36	0.012
131-11-3	Dimethyl phthalate	0.36	U	0.36	0.083
84-74-2	Di-n-butyl phthalate	0.015	J	0.36	0.014
117-84-0	Di-n-octyl phthalate	0.36	U	0.36	0.019
206-44-0	Fluoranthene	0.36	U	0.36	0.013
86-73-7	Fluorene	0.36	U	0.36	0.011
118-74-1	Hexachlorobenzene	0.036	U	0.036	0.017
87-68-3	Hexachlorobutadiene	0.074	U	0.074	0.0078
77-47-4	Hexachlorocyclopentadiene	0.36	U	0.36	0.032
67-72-1	Hexachloroethane	0.036	U	0.036	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014
78-59-1	Isophorone	0.15	U	0.15	0.11
91-20-3	Naphthalene	0.36	U	0.36	0.0063

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-311019-1

SDG No.:

Client Sample ID: TRC-SB-22-SS (45'-46') | Lab Sample ID: 460-311019-2

Matrix: Solid | Lab File ID: X59032.d

Analysis Method: 8270E | Date Collected: 09/09/2024 12:40

Extract. Method: 3546 | Date Extracted: 09/10/2024 21:12

Sample wt/vol: 15.06(g) | Date Analyzed: 09/11/2024 08:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.8 % Solids: 90.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 995163 | Units: mg/Kg

Preparation Batch No.: 995129 | Instrument ID: CBNAMS5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-95-3	Nitrobenzene	0.036	U	0.036	0.020
621-64-7	N-Nitrosodi-n-propylamine	0.036	U	0.036	0.027
86-30-6	N-Nitrosodiphenylamine	0.36	U	0.36	0.030
87-86-5	Pentachlorophenol	0.29	U	0.29	0.075
85-01-8	Phenanthrene	0.36	U	0.36	0.015
108-95-2	Phenol	0.36	U	0.36	0.013
129-00-0	Pyrene	0.36	U	0.36	0.0091

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	85		24-137
321-60-8	2-Fluorobiphenyl	82		38-128
367-12-4	2-Fluorophenol (Surr)	91		31-133
4165-60-0	Nitrobenzene-d5 (Surr)	92		31-120
4165-62-2	Phenol-d5 (Surr)	94		35-132
1718-51-0	Terphenyl-d14 (Surr)	94		44-147

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

7

Lab Name: Eurofins Edison | Job No.: 460-311019-1

SDG No.:

Client Sample ID: TRC-SB-22-SS (45'-46') | Lab Sample ID: 460-311019-2

Matrix: Solid | Lab File ID: X59032.d

Analysis Method: 8270E | Date Collected: 09/09/2024 12:40

Extract. Method: 3546 | Date Extracted: 09/10/2024 21:12

Sample wt/vol: 15.06(g) | Date Analyzed: 09/11/2024 08:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 9.8 % Solids: 90.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 995163 | Units: mg/Kg

Preparation Batch No.: 995129 | Instrument ID: CBNAMS5

Number TICs Found: 1 | TIC Result Total: 0.32

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.55	0.32	~~A~~ J R	

FORM I-TIC 8270E

MF 10/4/24

09/15/2024

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
NYSCA-PROPOSED PUBLIC SCHOOL K337, NEW YORK

Client: TRC Engineering, Inc., New York, New York
SDG: 460-311272-1
Laboratory: Eurofins Test America, Edison, New Jersey
Site: NYSCA-Proposed Public School K337, New York
Date: October 4, 2024

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	TRC-GW-22	460-311272-1	Water
2	TRC-GW-22-E	460-311272-2	Water
3	TRC-GW-22-SW	460-311272-3	Water
4	TRC-EB-09122024	460-311272-4	Water
5	TRC-GW-DUP	460-311272-5	Water
6*	TRC-TB-01	460-311272-6	Water

* - VOC only

A Data Usability Summary Review was performed on the analytical data for four water samples, one aqueous trip blank sample, and one aqueous equipment blank sample collected on September 12, 2024 by TRC at the NYSCA-Proposed Public School K337 in New York. The samples were analyzed under the "Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260D
SVOC	USEPA SW-846 Method 8270E

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number QA-HWSS-A-004, March 2022, Standard Operating Procedure for Validation of Volatile Data;
- SOP Number QA-HWSS-A-005, March 2022, Standard Operating Procedure for Validation of Semivolatile Data;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Holding times and sample preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tuning
- Initial and continuing calibration summaries
- Method blank and field blank contamination
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Internal standard area and retention time summary forms
- Target Compound Identification
- Compound Quantitation
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOC)

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- All continuing calibration criteria were met.

Method Blank

- The following table lists method blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations of methylene chloride, 2-butanone, toluene or acetone (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds, an action level of five times (5x) the highest associated blank concentration is used.

Sample ID	Compound	Conc. mg/kg	Qualifier	Affected Samples
460-996185/9	Methylene Chloride	0.387	U	1-6

Field Blank

- Field QC samples were free of contamination.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-09122024	None - ND	-	-	-
TRC-TB-01	None - ND	-	-	-

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

- The following table presents LCS/LCSD percent recoveries (%R) and RPD values outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS/LCSD ID	Compound	LCS%R/LCSD%R/RPD	Qualifier	Affected Samples
460-996185/4+5	4-Methyl-2-pentanone	131%/OK/OK	None	All Associated ND

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- TICs were qualified estimated (J) for unknown compounds and (NJ) for tentatively identified compounds.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	TRC-GW-22 ug/L	TRC-GW-DUP ug/L	RPD	Qualifier
Chloroform	39	42	7%	None
1,2-Dichloroethane	1.1	1.2	9%	
Dichlorobromomethane	0.66	0.70	6%	
Benzene	0.53	0.56	6%	
Toluene	2.3	2.5	8%	
Ethylbenzene	1.8	1.9	5%	
m-Xylene & p-Xylene	6.3	6.9	9%	
o-Xylene	3.4	3.6	6%	
Xylenes, Total	9.7	11	13%	

Compound	TRC-GW-22 ug/L	TRC-GW-DUP ug/L	RPD	Qualifier
Methyl tert-Butyl Ether	14	16	13%	None
Hexane	0.86	0.75	14%	
Cyclohexane	8.0	8.9	11%	
Naphthalene	0.92	0.89	3%	
1,2,4-Trimethylbenzene	4.8	4.5	6%	
1,3,5-Trimethylbenzene	1.7	1.5	13%	
Isopropylbenzene	0.87	0.92	6%	
N-Propylbenzene	0.68	0.65	5%	
4-Isopropyltoluene	0.56	0.49	13%	
Methylcyclohexane	11	12	9%	

Semivolatile Organic Compounds (SVOCs)

Holding Times

- All samples were extracted within 7 days for water samples and analyzed within 40 days for all samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) criteria and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected ® and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
09/14/24 (1432)	Benzaldehyde	52.1%	UJ	All Samples
	2-Nitroaniline	28.7%		

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were free of contamination.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-09122024	None - ND	-	-	-

Surrogate Spike Recoveries

- The samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

- The LCS/LCSD samples exhibited acceptable percent recoveries (%R) and RPD values.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- TICs were qualified estimated (NJ) for tentatively identified compounds.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	TRC-GW-22 ug/L	TRC-GW-DUP ug/L	RPD	Qualifier
2,6-Dinitrotoluene	2.9	2.0U	NC	None
Caprolactam	30	22	31%	

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 10/7/24

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-GW-22 | Lab Sample ID: 460-311272-1

Matrix: Water | Lab File ID: F39020.D

Analysis Method: 8260D | Date Collected: 09/12/2024 12:25

Sample wt/vol: 5(mL) | Date Analyzed: 09/17/2024 03:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 996185 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.40
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
75-00-3	Chloroethane	1.0	U	1.0	0.32
75-09-2	Methylene Chloride	1.0 ~~0.97~~	~~J B~~ U	1.0	0.32
67-64-1	Acetone	5.0	U	5.0	4.4
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
67-66-3	Chloroform	39		1.0	0.33
107-06-2	1,2-Dichloroethane	1.1		1.0	0.43
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
75-27-4	Dichlorobromomethane	0.66	J	1.0	0.34
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
71-43-2	Benzene	0.53	J	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
75-25-2	Bromoform	1.0	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
591-78-6	2-Hexanone	5.0	U	5.0	1.1
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
108-88-3	Toluene	2.3		1.0	0.38
108-90-7	Chlorobenzene	1.0	U	1.0	0.38

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-GW-22 Lab Sample ID: 460-311272-1

Matrix: Water Lab File ID: F39020.D

Analysis Method: 8260D Date Collected: 09/12/2024 12:25

Sample wt/vol: 5(mL) Date Analyzed: 09/17/2024 03:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 996185 Units: ug/L

Preparation Batch No.: Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.8		1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.42
179601-23-1	m-Xylene & p-Xylene	6.3		1.0	0.30
95-47-6	o-Xylene	3.4		1.0	0.36
1330-20-7	Xylenes, Total	9.7		2.0	0.65
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
1634-04-4	Methyl tert-butyl ether	14		1.0	0.22
110-54-3	Hexane	0.86	J	1.0	0.39
110-82-7	Cyclohexane	8.0		1.0	0.32
142-82-5	n-Heptane	5.0	U	5.0	2.1
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
91-20-3	Naphthalene	0.92	J	1.0	0.88
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
95-63-6	1,2,4-Trimethylbenzene	4.8		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
108-67-8	1,3,5-Trimethylbenzene	1.7		1.0	0.33
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
98-82-8	Isopropylbenzene	0.87	J	1.0	0.34
103-65-1	N-Propylbenzene	0.68	J	1.0	0.32
99-87-6	4-Isopropyltoluene	0.56	J	1.0	0.37
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.79
108-87-2	Methylcyclohexane	11		1.0	0.71
540-84-1	Isooctane	1.0	U	1.0	0.28

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

Lab Name: Eurofins Edison | Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-GW-22 | Lab Sample ID: 460-311272-1

Matrix: Water | Lab File ID: F39020.D

Analysis Method: 8260D | Date Collected: 09/12/2024 12:25

Sample wt/vol: 5(mL) | Date Analyzed: 09/17/2024 03:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 996185 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

Number TICs Found: 2 | TIC Result Total: 13.8

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
96-37-7	Cyclopentane, methyl-	3.32	7.9	~~J~~ NJ	90%
526-73-8	Benzene, 1,2,3-trimethyl-	9.87	5.9	~~J~~ NJ	95%

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-GW-22-E | Lab Sample ID: 460-311272-2

Matrix: Water | Lab File ID: F39021.D

Analysis Method: 8260D | Date Collected: 09/12/2024 09:30

Sample wt/vol: 5(mL) | Date Analyzed: 09/17/2024 03:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 996185 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.40
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
75-00-3	Chloroethane	1.0	U	1.0	0.32
75-09-2	Methylene Chloride	1.0 ~~0.52~~	~~J B~~ U	1.0	0.32
67-64-1	Acetone	5.0	U	5.0	4.4
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
67-66-3	Chloroform	11		1.0	0.33
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
71-43-2	Benzene	1.0	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
75-25-2	Bromoform	1.0	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
591-78-6	2-Hexanone	5.0	U	5.0	1.1
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
108-88-3	Toluene	1.0	U	1.0	0.38
108-90-7	Chlorobenzene	1.0	U	1.0	0.38

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-GW-22-E Lab Sample ID: 460-311272-2

Matrix: Water Lab File ID: F39021.D

Analysis Method: 8260D Date Collected: 09/12/2024 09:30

Sample wt/vol: 5(mL) Date Analyzed: 09/17/2024 03:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 996185 Units: ug/L

Preparation Batch No.: Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.42
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
1634-04-4	Methyl tert-butyl ether	19		1.0	0.22
110-54-3	Hexane	1.0	U	1.0	0.39
110-82-7	Cyclohexane	1.0	U	1.0	0.32
142-82-5	n-Heptane	5.0	U	5.0	2.1
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
91-20-3	Naphthalene	1.0	U	1.0	0.88
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.79
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
540-84-1	Isooctane	1.0	U	1.0	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-GW-22-SW Lab Sample ID: 460-311272-3

Matrix: Water Lab File ID: F39022.D

Analysis Method: 8260D Date Collected: 09/12/2024 14:00

Sample wt/vol: 5(mL) Date Analyzed: 09/17/2024 03:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 996185 Units: ug/L

Preparation Batch No.: Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.40
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
75-00-3	Chloroethane	1.0	U	1.0	0.32
75-09-2	Methylene Chloride	1.0 ~~0.56~~	~~J B~~ U	1.0	0.32
67-64-1	Acetone	5.0	U	5.0	4.4
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
67-66-3	Chloroform	13		1.0	0.33
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
75-27-4	Dichlorobromomethane	0.73	J	1.0	0.34
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.3		1.0	0.31
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
71-43-2	Benzene	1.4		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
75-25-2	Bromoform	1.0	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
591-78-6	2-Hexanone	5.0	U	5.0	1.1
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
108-88-3	Toluene	1.0	U	1.0	0.38
108-90-7	Chlorobenzene	1.0	U	1.0	0.38

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-GW-22-SW | Lab Sample ID: 460-311272-3

Matrix: Water | Lab File ID: F39022.D

Analysis Method: 8260D | Date Collected: 09/12/2024 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/17/2024 03:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 996185 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.42
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
1634-04-4	Methyl tert-butyl ether	4.7		1.0	0.22
110-54-3	Hexane	1.0	U	1.0	0.39
110-82-7	Cyclohexane	1.0	U	1.0	0.32
142-82-5	n-Heptane	5.0	U	5.0	2.1
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
91-20-3	Naphthalene	1.0	U	1.0	0.88
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.79
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
540-84-1	Isooctane	1.0	U	1.0	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-EB-09122024 | Lab Sample ID: 460-311272-4

Matrix: Water | Lab File ID: F39019.D

Analysis Method: 8260D | Date Collected: 09/12/2024 13:15

Sample wt/vol: 5(mL) | Date Analyzed: 09/17/2024 02:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 996185 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.40
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
75-00-3	Chloroethane	1.0	U	1.0	0.32
75-09-2	Methylene Chloride	1.0 ~~0.44~~	~~J B~~ U	1.0	0.32
67-64-1	Acetone	5.0	U	5.0	4.4
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
67-66-3	Chloroform	1.0	U	1.0	0.33
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
71-43-2	Benzene	1.0	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
75-25-2	Bromoform	1.0	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
591-78-6	2-Hexanone	5.0	U	5.0	1.1
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
108-88-3	Toluene	1.0	U	1.0	0.38
108-90-7	Chlorobenzene	1.0	U	1.0	0.38

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-EB-09122024 | Lab Sample ID: 460-311272-4

Matrix: Water | Lab File ID: F39019.D

Analysis Method: 8260D | Date Collected: 09/12/2024 13:15

Sample wt/vol: 5(mL) | Date Analyzed: 09/17/2024 02:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 996185 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.42
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
110-54-3	Hexane	1.0	U	1.0	0.39
110-82-7	Cyclohexane	1.0	U	1.0	0.32
142-82-5	n-Heptane	5.0	U	5.0	2.1
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
91-20-3	Naphthalene	1.0	U	1.0	0.88
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.79
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
540-84-1	Isooctane	1.0	U	1.0	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

5

Lab Name: Eurofins Edison Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-GW-DUP Lab Sample ID: 460-311272-5

Matrix: Water Lab File ID: F39023.D

Analysis Method: 8260D Date Collected: 09/12/2024 00:00

Sample wt/vol: 5(mL) Date Analyzed: 09/17/2024 04:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 996185 Units: ug/L

Preparation Batch No.: Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.40
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
75-00-3	Chloroethane	1.0	U	1.0	0.32
75-09-2	Methylene Chloride	1.0 ~~0.92~~	~~J B~~ U	1.0	0.32
67-64-1	Acetone	5.0	U	5.0	4.4
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
67-66-3	Chloroform	42		1.0	0.33
107-06-2	1,2-Dichloroethane	1.2		1.0	0.43
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
75-27-4	Dichlorobromomethane	0.70	J	1.0	0.34
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
71-43-2	Benzene	0.56	J	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
75-25-2	Bromoform	1.0	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
591-78-6	2-Hexanone	5.0	U	5.0	1.1
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
108-88-3	Toluene	2.5		1.0	0.38
108-90-7	Chlorobenzene	1.0	U	1.0	0.38

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

5

Lab Name: Eurofins Edison Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-GW-DUP Lab Sample ID: 460-311272-5

Matrix: Water Lab File ID: F39023.D

Analysis Method: 8260D Date Collected: 09/12/2024 00:00

Sample wt/vol: 5(mL) Date Analyzed: 09/17/2024 04:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 996185 Units: ug/L

Preparation Batch No.: Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.9		1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.42
179601-23-1	m-Xylene & p-Xylene	6.9		1.0	0.30
95-47-6	o-Xylene	3.6		1.0	0.36
1330-20-7	Xylenes, Total	11		2.0	0.65
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
1634-04-4	Methyl tert-butyl ether	16		1.0	0.22
110-54-3	Hexane	0.75	J	1.0	0.39
110-82-7	Cyclohexane	8.9		1.0	0.32
142-82-5	n-Heptane	5.0	U	5.0	2.1
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
91-20-3	Naphthalene	0.89	J	1.0	0.88
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
95-63-6	1,2,4-Trimethylbenzene	4.5		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
108-67-8	1,3,5-Trimethylbenzene	1.5		1.0	0.33
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
98-82-8	Isopropylbenzene	0.92	J	1.0	0.34
103-65-1	N-Propylbenzene	0.65	J	1.0	0.32
99-87-6	4-Isopropyltoluene	0.49	J	1.0	0.37
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.79
108-87-2	Methylcyclohexane	12		1.0	0.71
540-84-1	Isooctane	1.0	U	1.0	0.28

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

5

Lab Name: Eurofins Edison | Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-GW-DUP | Lab Sample ID: 460-311272-5

Matrix: Water | Lab File ID: F39023.D

Analysis Method: 8260D | Date Collected: 09/12/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/17/2024 04:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 996185 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

Number TICs Found: 1 | TIC Result Total: 8

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
96-37-7	Cyclopentane, methyl-	3.32	8.0	~~J N~~ NJ	91%

FORM I-TIC 8260D

NW 10/4/24

09/20/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

6

Lab Name: Eurofins Edison Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-TB-01 Lab Sample ID: 460-311272-6

Matrix: Water Lab File ID: F39018.D

Analysis Method: 8260D Date Collected: 09/12/2024 00:00

Sample wt/vol: 5(mL) Date Analyzed: 09/17/2024 02:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 996185 Units: ug/L

Preparation Batch No.: Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.40
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
75-00-3	Chloroethane	1.0	U	1.0	0.32
75-09-2	Methylene Chloride	1.0 ~~0.39~~	~~J B~~ U	1.0	0.32
67-64-1	Acetone	5.0	U	5.0	4.4
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
67-66-3	Chloroform	1.0	U	1.0	0.33
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
71-43-2	Benzene	1.0	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
75-25-2	Bromoform	1.0	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
591-78-6	2-Hexanone	5.0	U	5.0	1.1
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
108-88-3	Toluene	1.0	U	1.0	0.38
108-90-7	Chlorobenzene	1.0	U	1.0	0.38

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

6

Lab Name: Eurofins Edison | Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-TB-01 | Lab Sample ID: 460-311272-6

Matrix: Water | Lab File ID: F39018.D

Analysis Method: 8260D | Date Collected: 09/12/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/17/2024 02:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 996185 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.42
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
110-54-3	Hexane	1.0	U	1.0	0.39
110-82-7	Cyclohexane	1.0	U	1.0	0.32
142-82-5	n-Heptane	5.0	U	5.0	2.1
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
91-20-3	Naphthalene	1.0	U	1.0	0.88
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.79
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
540-84-1	Isooctane	1.0	U	1.0	0.28

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison | Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-GW-22 | Lab Sample ID: 460-311272-1

Matrix: Water | Lab File ID: M30307.D

Analysis Method: 8270E | Date Collected: 09/12/2024 12:25

Extract. Method: 3510C | Date Extracted: 09/14/2024 09:55

Sample wt/vol: 250(mL) | Date Analyzed: 09/14/2024 16:42

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 995893 | Units: ug/L

Preparation Batch No.: 995862 | Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.29
95-57-8	2-Chlorophenol	10	U	10	0.38
95-48-7	2-Methylphenol	10	U	10	0.67
106-44-5	4-Methylphenol	10	U	10	0.65
15831-10-4	3 & 4 Methylphenol	10	U	10	0.64
88-75-5	2-Nitrophenol	10	U	10	0.75
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
121-14-2	2,4-Dinitrotoluene	10	U	10	1.0
100-02-7	4-Nitrophenol	20	U	20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
87-86-5	Pentachlorophenol	20	U	20	1.4
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
106-47-8	4-Chloroaniline	10	U	10	1.9
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
91-57-6	2-Methylnaphthalene	10	U	10	0.53
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
91-58-7	2-Chloronaphthalene	10	U	10	1.2
88-74-4	2-Nitroaniline	10	U	10	0.47
131-11-3	Dimethyl phthalate	10	U	10	0.77
208-96-8	Acenaphthylene	10	U	10	0.82
606-20-2	2,6-Dinitrotoluene	2.9		2.0	0.83
99-09-2	3-Nitroaniline	10	U	10	1.9

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-GW-22 Lab Sample ID: 460-311272-1

Matrix: Water Lab File ID: M30307.D

Analysis Method: 8270E Date Collected: 09/12/2024 12:25

Extract. Method: 3510C Date Extracted: 09/14/2024 09:55

Sample wt/vol: 250(mL) Date Analyzed: 09/14/2024 16:42

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 995893 Units: ug/L

Preparation Batch No.: 995862 Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	10	U	10	1.1
132-64-9	Dibenzofuran	10	U	10	1.1
51-28-5	2,4-Dinitrophenol	40	U	40	2.6
84-66-2	Diethyl phthalate	10	U	10	0.98
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
86-73-7	Fluorene	10	U	10	0.91
100-01-6	4-Nitroaniline	10	U	10	1.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
85-01-8	Phenanthrene	10	U	10	1.3
120-12-7	Anthracene	10	U	10	1.3
86-74-8	Carbazole	10	U	10	0.68
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
206-44-0	Fluoranthene	10	U	10	0.84
129-00-0	Pyrene	10	U	10	1.6
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
218-01-9	Chrysene	2.0	U	2.0	0.91
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
92-52-4	1,1'-Biphenyl	10	U	10	1.2
98-86-2	Acetophenone	10	U	10	2.3
123-91-1	1,4-Dioxane	10	U	10	1.6
100-52-7	Benzaldehyde	10	U	10	2.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-GW-22 Lab Sample ID: 460-311272-1

Matrix: Water Lab File ID: M30307.D

Analysis Method: 8270E Date Collected: 09/12/2024 12:25

Extract. Method: 3510C Date Extracted: 09/14/2024 09:55

Sample wt/vol: 250(mL) Date Analyzed: 09/14/2024 16:42

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 995893 Units: ug/L

Preparation Batch No.: 995862 Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
105-60-2	Caprolactam	30		10	2.2
1912-24-9	Atrazine	2.0	U	2.0	1.3
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	74		51-145
4165-62-2	Phenol-d5 (Surr)	23		10-56
1718-51-0	Terphenyl-d14 (Surr)	29		13-159
118-79-6	2,4,6-Tribromophenol (Surr)	67		37-150
367-12-4	2-Fluorophenol (Surr)	33		16-80
321-60-8	2-Fluorobiphenyl	72		46-139

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

1

Lab Name: Eurofins Edison | Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-GW-22 | Lab Sample ID: 460-311272-1

Matrix: Water | Lab File ID: M30307.D

Analysis Method: 8270E | Date Collected: 09/12/2024 12:25

Extract. Method: 3510C | Date Extracted: 09/14/2024 09:55

Sample wt/vol: 250(mL) | Date Analyzed: 09/14/2024 16:42

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 995893 | Units: ug/L

Preparation Batch No.: 995862 | Instrument ID: CBNAMS17

Number TICs Found: 1 | TIC Result Total: 38

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
7431-95-0	9-Octadecenoic acid, 12-hydroxy-	10.24	38	~~J~~ NJ	90%

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-GW-22-E Lab Sample ID: 460-311272-2

Matrix: Water Lab File ID: M30308.D

Analysis Method: 8270E Date Collected: 09/12/2024 09:30

Extract. Method: 3510C Date Extracted: 09/14/2024 09:55

Sample wt/vol: 250(mL) Date Analyzed: 09/14/2024 17:03

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 995893 Units: ug/L

Preparation Batch No.: 995862 Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.29
95-57-8	2-Chlorophenol	10	U	10	0.38
95-48-7	2-Methylphenol	10	U	10	0.67
106-44-5	4-Methylphenol	10	U	10	0.65
15831-10-4	3 & 4 Methylphenol	10	U	10	0.64
88-75-5	2-Nitrophenol	10	U	10	0.75
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
121-14-2	2,4-Dinitrotoluene	10	U	10	1.0
100-02-7	4-Nitrophenol	20	U	20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
87-86-5	Pentachlorophenol	20	U	20	1.4
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
106-47-8	4-Chloroaniline	10	U	10	1.9
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
91-57-6	2-Methylnaphthalene	10	U	10	0.53
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
91-58-7	2-Chloronaphthalene	10	U	10	1.2
88-74-4	2-Nitroaniline	10	X UJ	10	0.47
131-11-3	Dimethyl phthalate	10	U	10	0.77
208-96-8	Acenaphthylene	10	U	10	0.82
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
99-09-2	3-Nitroaniline	10	U	10	1.9

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-GW-22-E Lab Sample ID: 460-311272-2

Matrix: Water Lab File ID: M30308.D

Analysis Method: 8270E Date Collected: 09/12/2024 09:30

Extract. Method: 3510C Date Extracted: 09/14/2024 09:55

Sample wt/vol: 250(mL) Date Analyzed: 09/14/2024 17:03

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 995893 Units: ug/L

Preparation Batch No.: 995862 Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	10	U	10	1.1
132-64-9	Dibenzofuran	10	U	10	1.1
51-28-5	2,4-Dinitrophenol	40	U	40	2.6
84-66-2	Diethyl phthalate	10	U	10	0.98
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
86-73-7	Fluorene	10	U	10	0.91
100-01-6	4-Nitroaniline	10	U	10	1.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
85-01-8	Phenanthrene	10	U	10	1.3
120-12-7	Anthracene	10	U	10	1.3
86-74-8	Carbazole	10	U	10	0.68
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
206-44-0	Fluoranthene	10	U	10	0.84
129-00-0	Pyrene	10	U	10	1.6
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
218-01-9	Chrysene	2.0	U	2.0	0.91
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
92-52-4	1,1'-Biphenyl	10	U	10	1.2
98-86-2	Acetophenone	10	U	10	2.3
123-91-1	1,4-Dioxane	10	U	10	1.6
100-52-7	Benzaldehyde	10	U	10	2.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison | Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-GW-22-E | Lab Sample ID: 460-311272-2

Matrix: Water | Lab File ID: M30308.D

Analysis Method: 8270E | Date Collected: 09/12/2024 09:30

Extract. Method: 3510C | Date Extracted: 09/14/2024 09:55

Sample wt/vol: 250(mL) | Date Analyzed: 09/14/2024 17:03

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 995893 | Units: ug/L

Preparation Batch No.: 995862 | Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	2.0	U	2.0	1.3
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	79		51-145
4165-62-2	Phenol-d5 (Surr)	28		10-56
1718-51-0	Terphenyl-d14 (Surr)	46		13-159
118-79-6	2,4,6-Tribromophenol (Surr)	68		37-150
367-12-4	2-Fluorophenol (Surr)	39		16-80
321-60-8	2-Fluorobiphenyl	78		46-139

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-GW-22-E DL Lab Sample ID: 460-311272-2 DL

Matrix: Water Lab File ID: A35061.D

Analysis Method: 8270E Date Collected: 09/12/2024 09:30

Extract. Method: 3510C Date Extracted: 09/14/2024 09:55

Sample wt/vol: 250(mL) Date Analyzed: 09/15/2024 00:59

Con. Extract Vol.: 2(mL) Dilution Factor: 2

Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 995891 Units: ug/L

Preparation Batch No.: 995862 Instrument ID: CBNAMS16

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
105-60-2	Caprolactam	58		20	4.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	71		51-145
4165-62-2	Phenol-d5 (Surr)	25		10-56
1718-51-0	Terphenyl-d14 (Surr)	47		13-159
118-79-6	2,4,6-Tribromophenol (Surr)	62		37-150
367-12-4	2-Fluorophenol (Surr)	34		16-80
321-60-8	2-Fluorobiphenyl	70		46-139

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-GW-22-SW Lab Sample ID: 460-311272-3

Matrix: Water Lab File ID: M30309.D

Analysis Method: 8270E Date Collected: 09/12/2024 14:00

Extract. Method: 3510C Date Extracted: 09/14/2024 09:55

Sample wt/vol: 250(mL) Date Analyzed: 09/14/2024 17:24

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 995893 Units: ug/L

Preparation Batch No.: 995862 Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.29
95-57-8	2-Chlorophenol	10	U	10	0.38
95-48-7	2-Methylphenol	10	U	10	0.67
106-44-5	4-Methylphenol	10	U	10	0.65
15831-10-4	3 & 4 Methylphenol	10	U	10	0.64
88-75-5	2-Nitrophenol	10	U	10	0.75
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
121-14-2	2,4-Dinitrotoluene	10	U	10	1.0
100-02-7	4-Nitrophenol	20	U	20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
87-86-5	Pentachlorophenol	20	U	20	1.4
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
106-47-8	4-Chloroaniline	10	U	10	1.9
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
91-57-6	2-Methylnaphthalene	10	U	10	0.53
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
91-58-7	2-Chloronaphthalene	10	U	10	1.2
88-74-4	2-Nitroaniline	10	✗ UJ	10	0.47
131-11-3	Dimethyl phthalate	10	U	10	0.77
208-96-8	Acenaphthylene	10	U	10	0.82
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
99-09-2	3-Nitroaniline	10	U	10	1.9

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-GW-22-SW Lab Sample ID: 460-311272-3

Matrix: Water Lab File ID: M30309.D

Analysis Method: 8270E Date Collected: 09/12/2024 14:00

Extract. Method: 3510C Date Extracted: 09/14/2024 09:55

Sample wt/vol: 250(mL) Date Analyzed: 09/14/2024 17:24

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 995893 Units: ug/L

Preparation Batch No.: 995862 Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	10	U	10	1.1
132-64-9	Dibenzofuran	10	U	10	1.1
51-28-5	2,4-Dinitrophenol	40	U	40	2.6
84-66-2	Diethyl phthalate	10	U	10	0.98
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
86-73-7	Fluorene	10	U	10	0.91
100-01-6	4-Nitroaniline	10	U	10	1.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
85-01-8	Phenanthrene	10	U	10	1.3
120-12-7	Anthracene	10	U	10	1.3
86-74-8	Carbazole	10	U	10	0.68
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
206-44-0	Fluoranthene	10	U	10	0.84
129-00-0	Pyrene	10	U	10	1.6
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
218-01-9	Chrysene	2.0	U	2.0	0.91
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
92-52-4	1,1'-Biphenyl	10	U	10	1.2
98-86-2	Acetophenone	10	U	10	2.3
123-91-1	1,4-Dioxane	10	U	10	1.6
100-52-7	Benzaldehyde	10	UJ	10	2.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison | Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-GW-22-SW | Lab Sample ID: 460-311272-3

Matrix: Water | Lab File ID: M30309.D

Analysis Method: 8270E | Date Collected: 09/12/2024 14:00

Extract. Method: 3510C | Date Extracted: 09/14/2024 09:55

Sample wt/vol: 250(mL) | Date Analyzed: 09/14/2024 17:24

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 995893 | Units: ug/L

Preparation Batch No.: 995862 | Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
105-60-2	Caprolactam	15		10	2.2
1912-24-9	Atrazine	2.0	U	2.0	1.3
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	76		51-145
4165-62-2	Phenol-d5 (Surr)	25		10-56
1718-51-0	Terphenyl-d14 (Surr)	26		13-159
118-79-6	2,4,6-Tribromophenol (Surr)	66		37-150
367-12-4	2-Fluorophenol (Surr)	35		16-80
321-60-8	2-Fluorobiphenyl	75		46-139

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-EB-09122024 Lab Sample ID: 460-311272-4

Matrix: Water Lab File ID: M30310.D

Analysis Method: 8270E Date Collected: 09/12/2024 13:15

Extract. Method: 3510C Date Extracted: 09/14/2024 09:55

Sample wt/vol: 250(mL) Date Analyzed: 09/14/2024 17:45

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 995893 Units: ug/L

Preparation Batch No.: 995862 Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.29
95-57-8	2-Chlorophenol	10	U	10	0.38
95-48-7	2-Methylphenol	10	U	10	0.67
106-44-5	4-Methylphenol	10	U	10	0.65
15831-10-4	3 & 4 Methylphenol	10	U	10	0.64
88-75-5	2-Nitrophenol	10	U	10	0.75
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
121-14-2	2,4-Dinitrotoluene	10	U	10	1.0
100-02-7	4-Nitrophenol	20	U	20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
87-86-5	Pentachlorophenol	20	U	20	1.4
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
106-47-8	4-Chloroaniline	10	U	10	1.9
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
91-57-6	2-Methylnaphthalene	10	U	10	0.53
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
91-58-7	2-Chloronaphthalene	10	U	10	1.2
88-74-4	2-Nitroaniline	10	U,UJ	10	0.47
131-11-3	Dimethyl phthalate	10	U	10	0.77
208-96-8	Acenaphthylene	10	U	10	0.82
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
99-09-2	3-Nitroaniline	10	U	10	1.9

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison | Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-EB-09122024 | Lab Sample ID: 460-311272-4

Matrix: Water | Lab File ID: M30310.D

Analysis Method: 8270E | Date Collected: 09/12/2024 13:15

Extract. Method: 3510C | Date Extracted: 09/14/2024 09:55

Sample wt/vol: 250(mL) | Date Analyzed: 09/14/2024 17:45

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 995893 | Units: ug/L

Preparation Batch No.: 995862 | Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	10	U	10	1.1
132-64-9	Dibenzofuran	10	U	10	1.1
51-28-5	2,4-Dinitrophenol	40	U	40	2.6
84-66-2	Diethyl phthalate	10	U	10	0.98
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
86-73-7	Fluorene	10	U	10	0.91
100-01-6	4-Nitroaniline	10	U	10	1.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
85-01-8	Phenanthrene	10	U	10	1.3
120-12-7	Anthracene	10	U	10	1.3
86-74-8	Carbazole	10	U	10	0.68
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
206-44-0	Fluoranthene	10	U	10	0.84
129-00-0	Pyrene	10	U	10	1.6
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
218-01-9	Chrysene	2.0	U	2.0	0.91
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
92-52-4	1,1'-Biphenyl	10	U	10	1.2
98-86-2	Acetophenone	10	U	10	2.3
123-91-1	1,4-Dioxane	10	U	10	1.6
100-52-7	Benzaldehyde	10	J ws	10	2.1

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins Edison Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-EB-09122024 Lab Sample ID: 460-311272-4

Matrix: Water Lab File ID: M30310.D

Analysis Method: 8270E Date Collected: 09/12/2024 13:15

Extract. Method: 3510C Date Extracted: 09/14/2024 09:55

Sample wt/vol: 250(mL) Date Analyzed: 09/14/2024 17:45

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 995893 Units: ug/L

Preparation Batch No.: 995862 Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
105-60-2	Caprolactam	10	U	10	2.2
1912-24-9	Atrazine	2.0	U	2.0	1.3
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	75		51-145
4165-62-2	Phenol-d5 (Surr)	24		10-56
1718-51-0	Terphenyl-d14 (Surr)	24		13-159
118-79-6	2,4,6-Tribromophenol (Surr)	57		37-150
367-12-4	2-Fluorophenol (Surr)	34		16-80
321-60-8	2-Fluorobiphenyl	77		46-139

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

5

Lab Name: Eurofins Edison | Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-GW-DUP | Lab Sample ID: 460-311272-5

Matrix: Water | Lab File ID: M30311.D

Analysis Method: 8270E | Date Collected: 09/12/2024 00:00

Extract. Method: 3510C | Date Extracted: 09/14/2024 09:55

Sample wt/vol: 250(mL) | Date Analyzed: 09/14/2024 18:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 995893 | Units: ug/L

Preparation Batch No.: 995862 | Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.29
95-57-8	2-Chlorophenol	10	U	10	0.38
95-48-7	2-Methylphenol	10	U	10	0.67
106-44-5	4-Methylphenol	10	U	10	0.65
15831-10-4	3 & 4 Methylphenol	10	U	10	0.64
88-75-5	2-Nitrophenol	10	U	10	0.75
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
121-14-2	2,4-Dinitrotoluene	10	U	10	1.0
100-02-7	4-Nitrophenol	20	U	20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
87-86-5	Pentachlorophenol	20	U	20	1.4
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
106-47-8	4-Chloroaniline	10	U	10	1.9
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
91-57-6	2-Methylnaphthalene	10	U	10	0.53
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
91-58-7	2-Chloronaphthalene	10	U	10	1.2
88-74-4	2-Nitroaniline	10	U nj	10	0.47
131-11-3	Dimethyl phthalate	10	U	10	0.77
208-96-8	Acenaphthylene	10	U	10	0.82
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
99-09-2	3-Nitroaniline	10	U	10	1.9

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

5

Lab Name: Eurofins Edison | Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-GW-DUP | Lab Sample ID: 460-311272-5

Matrix: Water | Lab File ID: M30311.D

Analysis Method: 8270E | Date Collected: 09/12/2024 00:00

Extract. Method: 3510C | Date Extracted: 09/14/2024 09:55

Sample wt/vol: 250(mL) | Date Analyzed: 09/14/2024 18:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 995893 | Units: ug/L

Preparation Batch No.: 995862 | Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	10	U	10	1.1
132-64-9	Dibenzofuran	10	U	10	1.1
51-28-5	2,4-Dinitrophenol	40	U	40	2.6
84-66-2	Diethyl phthalate	10	U	10	0.98
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
86-73-7	Fluorene	10	U	10	0.91
100-01-6	4-Nitroaniline	10	U	10	1.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
85-01-8	Phenanthrene	10	U	10	1.3
120-12-7	Anthracene	10	U	10	1.3
86-74-8	Carbazole	10	U	10	0.68
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
206-44-0	Fluoranthene	10	U	10	0.84
129-00-0	Pyrene	10	U	10	1.6
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
218-01-9	Chrysene	2.0	U	2.0	0.91
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
92-52-4	1,1'-Biphenyl	10	U	10	1.2
98-86-2	Acetophenone	10	U	10	2.3
123-91-1	1,4-Dioxane	10	U	10	1.6
100-52-7	Benzaldehyde	10	J u3	10	2.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

5

Lab Name: Eurofins Edison | Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-GW-DUP | Lab Sample ID: 460-311272-5

Matrix: Water | Lab File ID: M30311.D

Analysis Method: 8270E | Date Collected: 09/12/2024 00:00

Extract. Method: 3510C | Date Extracted: 09/14/2024 09:55

Sample wt/vol: 250(mL) | Date Analyzed: 09/14/2024 18:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 995893 | Units: ug/L

Preparation Batch No.: 995862 | Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
105-60-2	Caprolactam	22		10	2.2
1912-24-9	Atrazine	2.0	U	2.0	1.3
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	70		51-145
4165-62-2	Phenol-d5 (Surr)	21		10-56
1718-51-0	Terphenyl-d14 (Surr)	25		13-159
118-79-6	2,4,6-Tribromophenol (Surr)	60		37-150
367-12-4	2-Fluorophenol (Surr)	30		16-80
321-60-8	2-Fluorobiphenyl	73		46-139

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

5

Lab Name: Eurofins Edison | Job No.: 460-311272-1

SDG No.:

Client Sample ID: TRC-GW-DUP | Lab Sample ID: 460-311272-5

Matrix: Water | Lab File ID: M30311.D

Analysis Method: 8270E | Date Collected: 09/12/2024 00:00

Extract. Method: 3510C | Date Extracted: 09/14/2024 09:55

Sample wt/vol: 250(mL) | Date Analyzed: 09/14/2024 18:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 995893 | Units: ug/L

Preparation Batch No.: 995862 | Instrument ID: CBNAMS17

Number TICs Found: 1 | TIC Result Total: 31

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
7431-95-0	9-Octadecenoic acid, 12-hydroxy-	10.24	31	~~J~~ NJ	87%

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
NYSCA-PROPOSED PUBLIC SCHOOL K337, NEW YORK

Client: TRC Engineering, Inc., New York, New York
SDG: 460-311367-1
Laboratory: Eurofins Test America, Edison, New Jersey
Site: NYSCA-Proposed Public School K337, New York
Date: October 4, 2024

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	TRC-GW-22-N	460-311367-1	Water
2	TRC-EB-09132024	460-311367-2	Water
3*	TRC-TB-01	460-311367-3	Water

* - VOC only

A Data Usability Summary Review was performed on the analytical data for one water sample, one aqueous trip blank sample, and one aqueous equipment blank sample collected on September 13, 2024 by TRC at the NYSCA-Proposed Public School K337 in New York. The samples were analyzed under the "Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260D
SVOC	USEPA SW-846 Method 8270E

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number QA-HWSS-A-004, March 2022, Standard Operating Procedure for Validation of Volatile Data;
- SOP Number QA-HWSS-A-005, March 2022, Standard Operating Procedure for Validation of Semivolatile Data;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Holding times and sample preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tuning

- Initial and continuing calibration summaries
- Method blank and field blank contamination
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Internal standard area and retention time summary forms
- Target Compound Identification
- Compound Quantitation
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOC)

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) criteria and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
09/18/24 (0800)	1,2,3-Trichlorobenzene	41.8%	UJ	All Samples

Method Blank

- The following table lists method blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations of methylene chloride, 2-butanone, toluene or acetone (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds, an action level of five times (5x) the highest associated blank concentration is used.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
460-996480/8	Methylene Chloride	0.505	U	1-3

Field Blank

- The following table lists field QC samples with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations of acetone, 2-butanone and methylene chloride (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds, an action level of five times (5x) the highest associated blank concentration is used.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-TB-01	None - ND	-	-	-
TRC-EB-09132024	Carbon Disulfide	4.0	None	All Associated ND

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

- The LCS/LCSD samples exhibited acceptable percent recoveries (%R) and RPD values.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- TICs were qualified estimated (J) for unknown compounds.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Semivolatile Organic Compounds (SVOCs)

Holding Times

- All samples were extracted within 7 days for water samples and analyzed within 40 days for all samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) criteria and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected ® and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
09/15/24 (1354)	Benzaldehyde	47.8%	UJ	All Samples

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were free of contamination.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRC-EB-09132024	None - ND	-	-	-

Surrogate Spike Recoveries

- The samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

- The following table presents LCS/LCSD percent recoveries (%R) and RPD values outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS/LCSD ID	Compound	LCS%R/LCSD%R/RPD	Qualifier	Affected Samples
460-995947/2-A+3-A	Chrysene	OK/69%/OK	UJ	All Samples

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- All TICs were non-detected.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 10/7/24

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

FORM I

GC/MS VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison Job No.: 460-311367-1

SDG No.:

Client Sample ID: TRC-GW-22-N Lab Sample ID: 460-311367-1

Matrix: Water Lab File ID: K64032.D

Analysis Method: 8260D Date Collected: 09/13/2024 10:35

Sample wt/vol: 5(mL) Date Analyzed: 09/18/2024 13:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 996480 Units: ug/L

Preparation Batch No.: Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.40
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
75-00-3	Chloroethane	1.0	U	1.0	0.32
75-09-2	Methylene Chloride	1.0 ~~0.88~~	~~J~~ U	1.0	0.32
67-64-1	Acetone	5.0	U	5.0	4.4
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
67-66-3	Chloroform	35		1.0	0.33
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
75-27-4	Dichlorobromomethane	0.66	J	1.0	0.34
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
71-43-2	Benzene	1.0	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
75-25-2	Bromoform	1.0	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
591-78-6	2-Hexanone	5.0	U	5.0	1.1
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
108-88-3	Toluene	1.0	U	1.0	0.38
108-90-7	Chlorobenzene	1.0	U	1.0	0.38

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison Job No.: 460-311367-1

SDG No.:

Client Sample ID: TRC-GW-22-N Lab Sample ID: 460-311367-1

Matrix: Water Lab File ID: K64032.D

Analysis Method: 8260D Date Collected: 09/13/2024 10:35

Sample wt/vol: 5(mL) Date Analyzed: 09/18/2024 13:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 996480 Units: ug/L

Preparation Batch No.: Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.42
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
1634-04-4	Methyl tert-butyl ether	23		1.0	0.22
110-54-3	Hexane	1.0	U	1.0	0.39
110-82-7	Cyclohexane	1.0	U	1.0	0.32
142-82-5	n-Heptane	5.0	U	5.0	2.1
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
91-20-3	Naphthalene	1.0	U	1.0	0.88
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
87-61-6	1,2,3-Trichlorobenzene	1.0	U UJ	1.0	0.36
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.79
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
540-84-1	Isooctane	1.0	U	1.0	0.28

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

1

Lab Name: Eurofins Edison Job No.: 460-311367-1

SDG No.:

Client Sample ID: TRC-GW-22-N Lab Sample ID: 460-311367-1

Matrix: Water Lab File ID: K64032.D

Analysis Method: 8260D Date Collected: 09/13/2024 10:35

Sample wt/vol: 5(mL) Date Analyzed: 09/18/2024 13:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 996480 Units: ug/L

Preparation Batch No.: Instrument ID: CVOAMS9

Number TICs Found: 1 TIC Result Total: 63

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	1.11	63	J	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison Job No.: 460-311367-1

SDG No.:

Client Sample ID: TRC-EB-09132024 Lab Sample ID: 460-311367-2

Matrix: Water Lab File ID: K64031.D

Analysis Method: 8260D Date Collected: 09/13/2024 11:15

Sample wt/vol: 5(mL) Date Analyzed: 09/18/2024 13:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 996480 Units: ug/L

Preparation Batch No.: Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.40
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
75-00-3	Chloroethane	1.0	U	1.0	0.32
75-09-2	Methylene Chloride	1.0 ~~0.44~~	~~5 B~~ U	1.0	0.32
67-64-1	Acetone	5.0	U	5.0	4.4
75-15-0	Carbon disulfide	4.0		1.0	0.82
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
67-66-3	Chloroform	1.0	U	1.0	0.33
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
71-43-2	Benzene	1.0	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
75-25-2	Bromoform	1.0	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
591-78-6	2-Hexanone	5.0	U	5.0	1.1
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
108-88-3	Toluene	1.0	U	1.0	0.38
108-90-7	Chlorobenzene	1.0	U	1.0	0.38

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison Job No.: 460-311367-1

SDG No.:

Client Sample ID: TRC-EB-09132024 Lab Sample ID: 460-311367-2

Matrix: Water Lab File ID: K64031.D

Analysis Method: 8260D Date Collected: 09/13/2024 11:15

Sample wt/vol: 5(mL) Date Analyzed: 09/18/2024 13:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 996480 Units: ug/L

Preparation Batch No.: Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.42
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
110-54-3	Hexane	1.0	U	1.0	0.39
110-82-7	Cyclohexane	1.0	U	1.0	0.32
142-82-5	n-Heptane	5.0	U	5.0	2.1
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
91-20-3	Naphthalene	1.0	U	1.0	0.88
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
87-61-6	1,2,3-Trichlorobenzene	1.0	UJ	1.0	0.36
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.79
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
540-84-1	Isooctane	1.0	U	1.0	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison Job No.: 460-311367-1

SDG No.:

Client Sample ID: TRC-TB-01 Lab Sample ID: 460-311367-3

Matrix: Water Lab File ID: K64030.D

Analysis Method: 8260D Date Collected: 09/13/2024 00:00

Sample wt/vol: 5(mL) Date Analyzed: 09/18/2024 13:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 996480 Units: ug/L

Preparation Batch No.: Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.40
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
75-00-3	Chloroethane	1.0	U	1.0	0.32
75-09-2	Methylene Chloride	1.0 ~~0.36~~	~~J B~~ U	1.0	0.32
67-64-1	Acetone	5.0	U	5.0	4.4
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
67-66-3	Chloroform	1.0	U	1.0	0.33
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
71-43-2	Benzene	1.0	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
75-25-2	Bromoform	1.0	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
591-78-6	2-Hexanone	5.0	U	5.0	1.1
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
108-88-3	Toluene	1.0	U	1.0	0.38
108-90-7	Chlorobenzene	1.0	U	1.0	0.38

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins Edison Job No.: 460-311367-1

SDG No.:

Client Sample ID: TRC-TB-01 Lab Sample ID: 460-311367-3

Matrix: Water Lab File ID: K64030.D

Analysis Method: 8260D Date Collected: 09/13/2024 00:00

Sample wt/vol: 5(mL) Date Analyzed: 09/18/2024 13:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 996480 Units: ug/L

Preparation Batch No.: Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.42
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
110-54-3	Hexane	1.0	U	1.0	0.39
110-82-7	Cyclohexane	1.0	U	1.0	0.32
142-82-5	n-Heptane	5.0	U	5.0	2.1
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
91-20-3	Naphthalene	1.0	U	1.0	0.88
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
87-61-6	1,2,3-Trichlorobenzene	1.0	U J	1.0	0.36
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.37
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.79
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
540-84-1	Isooctane	1.0	U	1.0	0.28

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311367-1

SDG No.:

Client Sample ID: TRC-GW-22-N | Lab Sample ID: 460-311367-1

Matrix: Water | Lab File ID: A35082.D

Analysis Method: 8270E | Date Collected: 09/13/2024 10:35

Extract. Method: 3510C | Date Extracted: 09/15/2024 10:52

Sample wt/vol: 250(mL) | Date Analyzed: 09/15/2024 18:55

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 995957 | Units: ug/L

Preparation Batch No.: 995947 | Instrument ID: CBNAMS16

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.29
95-57-8	2-Chlorophenol	10	U	10	0.38
95-48-7	2-Methylphenol	10	U	10	0.67
106-44-5	4-Methylphenol	10	U	10	0.65
15831-10-4	3 & 4 Methylphenol	10	U	10	0.64
88-75-5	2-Nitrophenol	10	U	10	0.75
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
121-14-2	2,4-Dinitrotoluene	10	U	10	1.0
100-02-7	4-Nitrophenol	20	U	20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
87-86-5	Pentachlorophenol	20	U	20	1.4
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
106-47-8	4-Chloroaniline	10	U	10	1.9
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
91-57-6	2-Methylnaphthalene	10	U	10	0.53
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
91-58-7	2-Chloronaphthalene	10	U	10	1.2
88-74-4	2-Nitroaniline	10	U	10	0.47
131-11-3	Dimethyl phthalate	10	U	10	0.77
208-96-8	Acenaphthylene	10	U	10	0.82
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
99-09-2	3-Nitroaniline	10	U	10	1.9

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311367-1

SDG No.:

Client Sample ID: TRC-GW-22-N | Lab Sample ID: 460-311367-1

Matrix: Water | Lab File ID: A35082.D

Analysis Method: 8270E | Date Collected: 09/13/2024 10:35

Extract. Method: 3510C | Date Extracted: 09/15/2024 10:52

Sample wt/vol: 250(mL) | Date Analyzed: 09/15/2024 18:55

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 995957 | Units: ug/L

Preparation Batch No.: 995947 | Instrument ID: CBNAMS16

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	10	U	10	1.1
132-64-9	Dibenzofuran	10	U	10	1.1
51-28-5	2,4-Dinitrophenol	40	U	40	2.6
84-66-2	Diethyl phthalate	10	U	10	0.98
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
86-73-7	Fluorene	10	U	10	0.91
100-01-6	4-Nitroaniline	10	U	10	1.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
85-01-8	Phenanthrene	10	U	10	1.3
120-12-7	Anthracene	10	U	10	1.3
86-74-8	Carbazole	10	U	10	0.68
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
206-44-0	Fluoranthene	10	U	10	0.84
129-00-0	Pyrene	10	U	10	1.6
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
218-01-9	Chrysene	2.0	~~U~~ UJ	2.0	0.91
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
92-52-4	1,1'-Biphenyl	10	U	10	1.2
98-86-2	Acetophenone	10	U	10	2.3
123-91-1	1,4-Dioxane	10	U	10	1.6
100-52-7	Benzaldehyde	10	~~U~~ UJ	10	2.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

1

Lab Name: Eurofins Edison | Job No.: 460-311367-1

SDG No.:

Client Sample ID: TRC-GW-22-N | Lab Sample ID: 460-311367-1

Matrix: Water | Lab File ID: A35082.D

Analysis Method: 8270E | Date Collected: 09/13/2024 10:35

Extract. Method: 3510C | Date Extracted: 09/15/2024 10:52

Sample wt/vol: 250(mL) | Date Analyzed: 09/15/2024 18:55

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 995957 | Units: ug/L

Preparation Batch No.: 995947 | Instrument ID: CBNAMS16

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	2.0	U	2.0	1.3
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	88		51-145
4165-62-2	Phenol-d5 (Surr)	23		10-56
1718-51-0	Terphenyl-d14 (Surr)	61		13-159
118-79-6	2,4,6-Tribromophenol (Surr)	83		37-150
367-12-4	2-Fluorophenol (Surr)	35		16-80
321-60-8	2-Fluorobiphenyl	86		46-139

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311367-1

SDG No.:

Client Sample ID: TRC-GW-22-N DL | Lab Sample ID: 460-311367-1 DL

Matrix: Water | Lab File ID: P87889.D

Analysis Method: 8270E | Date Collected: 09/13/2024 10:35

Extract. Method: 3510C | Date Extracted: 09/15/2024 10:52

Sample wt/vol: 250(mL) | Date Analyzed: 09/17/2024 04:36

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 996175 | Units: ug/L

Preparation Batch No.: 995947 | Instrument ID: CBNAMS18

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
105-60-2	Caprolactam	110		50	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	78		51-145
4165-62-2	Phenol-d5 (Surr)	20		10-56
1718-51-0	Terphenyl-d14 (Surr)	48		13-159
118-79-6	2,4,6-Tribromophenol (Surr)	54		37-150
367-12-4	2-Fluorophenol (Surr)	32		16-80
321-60-8	2-Fluorobiphenyl	75		46-139

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison Job No.: 460-311367-1

SDG No.:

Client Sample ID: TRC-EB-09132024 Lab Sample ID: 460-311367-2

Matrix: Water Lab File ID: A35081.D

Analysis Method: 8270E Date Collected: 09/13/2024 11:15

Extract. Method: 3510C Date Extracted: 09/15/2024 10:52

Sample wt/vol: 250(mL) Date Analyzed: 09/15/2024 18:34

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 995957 Units: ug/L

Preparation Batch No.: 995947 Instrument ID: CBNAMS16

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.29
95-57-8	2-Chlorophenol	10	U	10	0.38
95-48-7	2-Methylphenol	10	U	10	0.67
106-44-5	4-Methylphenol	10	U	10	0.65
15831-10-4	3 & 4 Methylphenol	10	U	10	0.64
88-75-5	2-Nitrophenol	10	U	10	0.75
105-67-9	2,4-Dimethylphenol	10	U	10	0.62
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.58
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.86
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.88
121-14-2	2,4-Dinitrotoluene	10	U	10	1.0
100-02-7	4-Nitrophenol	20	U	20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
87-86-5	Pentachlorophenol	20	U	20	1.4
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
106-47-8	4-Chloroaniline	10	U	10	1.9
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
91-57-6	2-Methylnaphthalene	10	U	10	0.53
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
91-58-7	2-Chloronaphthalene	10	U	10	1.2
88-74-4	2-Nitroaniline	10	U	10	0.47
131-11-3	Dimethyl phthalate	10	U	10	0.77
208-96-8	Acenaphthylene	10	U	10	0.82
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
99-09-2	3-Nitroaniline	10	U	10	1.9

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison Job No.: 460-311367-1

SDG No.:

Client Sample ID: TRC-EB-09132024 Lab Sample ID: 460-311367-2

Matrix: Water Lab File ID: A35081.D

Analysis Method: 8270E Date Collected: 09/13/2024 11:15

Extract. Method: 3510C Date Extracted: 09/15/2024 10:52

Sample wt/vol: 250(mL) Date Analyzed: 09/15/2024 18:34

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 995957 Units: ug/L

Preparation Batch No.: 995947 Instrument ID: CBNAMS16

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	10	U	10	1.1
132-64-9	Dibenzofuran	10	U	10	1.1
51-28-5	2,4-Dinitrophenol	40	U	40	2.6
84-66-2	Diethyl phthalate	10	U	10	0.98
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
86-73-7	Fluorene	10	U	10	0.91
100-01-6	4-Nitroaniline	10	U	10	1.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
85-01-8	Phenanthrene	10	U	10	1.3
120-12-7	Anthracene	10	U	10	1.3
86-74-8	Carbazole	10	U	10	0.68
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
206-44-0	Fluoranthene	10	U	10	0.84
129-00-0	Pyrene	10	U	10	1.6
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
218-01-9	Chrysene	2.0	U UJ	2.0	0.91
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
92-52-4	1,1'-Biphenyl	10	U	10	1.2
98-86-2	Acetophenone	10	U	10	2.3
123-91-1	1,4-Dioxane	10	U	10	1.6
100-52-7	Benzaldehyde	10	X UJ	10	2.1

FORM I

GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

2

Lab Name: Eurofins Edison Job No.: 460-311367-1

SDG No.:

Client Sample ID: TRC-EB-09132024 Lab Sample ID: 460-311367-2

Matrix: Water Lab File ID: A35081.D

Analysis Method: 8270E Date Collected: 09/13/2024 11:15

Extract. Method: 3510C Date Extracted: 09/15/2024 10:52

Sample wt/vol: 250(mL) Date Analyzed: 09/15/2024 18:34

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 995957 Units: ug/L

Preparation Batch No.: 995947 Instrument ID: CBNAMS16

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
105-60-2	Caprolactam	10	U	10	2.2
1912-24-9	Atrazine	2.0	U	2.0	1.3
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.2
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	77		51-145
4165-62-2	Phenol-d5 (Surr)	23		10-56
1718-51-0	Terphenyl-d14 (Surr)	72		13-159
118-79-6	2,4,6-Tribromophenol (Surr)	80		37-150
367-12-4	2-Fluorophenol (Surr)	35		16-80
321-60-8	2-Fluorobiphenyl	73		46-139