

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP022024 SAS No.: BP022024 SDG No.: BP022024

Instrument ID: BNA_P Calibration Date/Time: 2/20/2024 1:10:10

Lab File ID: BP019777.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.564	0.513		-9.043	
Pyridine	1.296	1.179		-9.028	
2-Fluorophenol	1.241	1.171		-5.641	
Benzaldehyde	1.173	1.259		7.332	
Aniline	1.626	1.516		-6.765	
Phenol-d6	1.673	1.572		-6.037	
Phenol	1.667	1.553		-6.839	20.0
bis(2-Chloroethyl)ether	1.297	1.180		-9.021	
2-Chlorophenol	1.274	1.204		-5.495	
1,2-Dichlorobenzene	1.528	1.442		-5.628	
1,3-Dichlorobenzene	1.559	1.473		-5.516	
1,4-Dichlorobenzene	1.579	1.525		-3.42	20.0
Benzyl Alcohol	1.337	1.229		-8.078	
2-Methylphenol	1.123	1.052		-6.322	
2,2-oxybis(1-Chloropropane)	1.297	1.134		-12.567	
Acetophenone	0.570	0.527		-7.544	
3+4-Methylphenols	1.532	1.434		-6.397	
n-Nitroso-di-n-propylamine	1.143	1.030	0.050	-9.886	
Nitrobenzene-d5	0.462	0.438		-5.195	
Hexachloroethane	0.612	0.575		-6.046	
Nitrobenzene	0.465	0.432		-7.097	
Isophorone	0.804	0.770		-4.229	
2-Nitrophenol	0.177	0.187		5.65	20.0
2,4-Dimethylphenol	0.227	0.216		-4.846	
bis(2-Chloroethoxy)methane	0.455	0.422		-7.253	
2,4-Dichlorophenol	0.343	0.343		0.0	20.0
1,2,4-Trichlorobenzene	0.420	0.419		-0.238	
Benzoic acid	0.221	0.246		11.312	
Naphthalene	1.097	1.055		-3.829	
4-Chloroaniline	0.406	0.392		-3.448	
Hexachlorobutadiene	0.311	0.317		1.929	20.0
Caprolactam	0.097	0.109		12.371	
4-Chloro-3-methylphenol	0.373	0.385		3.217	20.0
2-Methylnaphthalene	0.759	0.743		-2.108	
Hexachlorocyclopentadiene	0.348	0.282	0.050	-18.966	
2,4,6-Trichlorophenol	0.467	0.472		1.071	20.0
2-Fluorobiphenyl	1.618	1.533		-5.253	
2,4,5-Trichlorophenol	0.513	0.530		3.314	
1,1-Biphenyl	1.596	1.459		-8.584	
2-Chloronaphthalene	1.310	1.211		-7.557	
2-Nitroaniline	0.366	0.375		2.459	

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EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dimethylphthalate	1.531	1.539		0.523	
Acenaphthylene	1.838	1.769		-3.754	
2,6-Dinitrotoluene	0.336	0.355		5.655	
3-Nitroaniline	0.309	0.319		3.236	
Acenaphthene	1.141	1.094		-4.119	20.0
2,4-Dinitrophenol	0.175	0.193	0.050	10.286	
4-Nitrophenol	0.253	0.267	0.050	5.534	
Dibenzofuran	1.858	1.813		-2.422	
2,4-Dinitrotoluene	0.441	0.500		13.379	
Diethylphthalate	1.523	1.558		2.298	
4-Chlorophenyl-phenylether	0.832	0.851		2.284	
Fluorene	1.480	1.497		1.149	
4-Nitroaniline	0.324	0.353		8.951	
4,6-Dinitro-2-methylphenol	0.114	0.129		13.158	
n-Nitrosodiphenylamine	0.599	0.549		-8.347	20.0
Azobenzene	1.473	1.391		-5.567	
2,4,6-Tribromophenol	0.292	0.357		22.26	
4-Bromophenyl-phenylether	0.250	0.246		-1.6	
Hexachlorobenzene	0.292	0.296		1.37	
Atrazine	0.199	0.191		-4.02	
Pentachlorophenol	0.182	0.198		8.791	20.0
Phenanthrene	1.053	1.010		-4.084	
Anthracene	1.050	1.021		-2.762	
Carbazole	0.954	0.955		0.105	
Di-n-butylphthalate	1.153	1.122		-2.689	
Fluoranthene	1.286	1.302		1.244	20.0
Benzidine	0.418	0.307		-26.555	
Pyrene	1.412	1.369		-3.045	
Terphenyl-d14	1.216	1.225		0.74	
Butylbenzylphthalate	0.527	0.499		-5.313	
3,3-Dichlorobenzidine	0.513	0.495		-3.509	
Benzo (a) anthracene	1.408	1.342		-4.687	
Chrysene	1.337	1.267		-5.236	
Bis (2-ethylhexyl) phthalate	0.803	0.708		-11.831	
Di-n-octyl phthalate	1.412	1.217		-13.81	20.0
Benzo (b) fluoranthene	1.261	1.217		-3.489	
Benzo (k) fluoranthene	1.204	1.114		-7.475	
Benzo (a) pyrene	1.122	1.057		-5.793	20.0
Indeno (1,2,3-cd) pyrene	1.531	1.396		-8.818	
Dibenzo (a,h) anthracene	1.259	1.158		-8.022	
Benzo (g,h,i) perylene	1.277	1.169		-8.457	



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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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Lab File ID: BP019777.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1,2,4,5-Tetrachlorobenzene	0.771	0.750		-2.724	
1,4-Dioxane	0.478	0.428		-10.46	20.0
2,3,4,6-Tetrachlorophenol	0.431	0.490		13.689	
1-Methylnaphthalene	0.746	0.734		-1.609	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	PB159054BL	SDG No.:	BP022024
Lab Sample ID:	PB159054BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019778.D	1	2/15/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2	U	2	8	10	ug/L
110-86-1	Pyridine	1.8	U	1.8	4	5	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8	10	ug/L
62-53-3	Aniline	2.4	U	2.4	4	5	ug/L
108-95-2	Phenol	1.5	U	1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.7	U	1.7	4	5	ug/L
95-57-8	2-Chlorophenol	1.4	U	1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	1.7	U	1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	1.4	U	1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	2.4	U	2.4	8	10	ug/L
95-48-7	2-Methylphenol	2.1	U	2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.3	U	2.3	4	5	ug/L
98-86-2	Acetophenone	1.8	U	1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	2.2	U	2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1.6	U	1.6	4	5	ug/L
98-95-3	Nitrobenzene	1.7	U	1.7	4	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	4	5	ug/L
88-75-5	2-Nitrophenol	2.4	U	2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	3	U	3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2	U	2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	1.7	U	1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.7	U	1.7	4	5	ug/L
65-85-0	Benzoic acid	6.7	U	6.7	8	10	ug/L
91-20-3	Naphthalene	1.7	U	1.7	4	5	ug/L
106-47-8	4-Chloroaniline	2.5	U	2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.9	U	1.9	4	5	ug/L
105-60-2	Caprolactam	3.4	U	3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.8	U	1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	2.2	U	2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	PB159054BL	SDG No.:	BP022024
Lab Sample ID:	PB159054BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019778.D	1	2/15/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.7	U	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	1.8	U	1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	4	5	ug/L
88-74-4	2-Nitroaniline	2.4	U	2.4	4	5	ug/L
131-11-3	Dimethylphthalate	1.9	U	1.9	4	5	ug/L
208-96-8	Acenaphthylene	2.1	U	2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	4	5	ug/L
99-09-2	3-Nitroaniline	2.4	U	2.4	4	5	ug/L
83-32-9	Acenaphthene	1.7	U	1.7	4	5	ug/L
Total PAH	Total PAH	31	U	31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	5.5	U	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	2.8	U	2.8	8	10	ug/L
132-64-9	Dibenzofuran	1.6	U	1.6	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	2.5	U	2.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.6	U	4.6	4	10	ug/L
84-66-2	Diethylphthalate	2.1	U	2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	2.2	4	5	ug/L
86-73-7	Fluorene	2	U	2	4	5	ug/L
100-01-6	4-Nitroaniline	2.3	U	2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.8	U	1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	2	U	2	4	5	ug/L
103-33-3	Azobenzene	1.6	U	1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2	U	2	4	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	4	5	ug/L
1912-24-9	Atrazine	3.5	U	3.5	4	5	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	8	10	ug/L
85-01-8	Phenanthrene	2	U	2	4	5	ug/L
120-12-7	Anthracene	2.3	U	2.3	4	5	ug/L
86-74-8	Carbazole	1.7	U	1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	2.4	U	2.4	4	5	ug/L
206-44-0	Fluoranthene	2.1	U	2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	PB159054BL	SDG No.:	BP022024
Lab Sample ID:	PB159054BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019778.D	1	2/15/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	6.6	U	6.6	8	10	ug/L
129-00-0	Pyrene	1.9	U	1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4	5	ug/L
218-01-9	Chrysene	1.6	U	1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	U	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.1	U	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	2.7	U	2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4	5	ug/L
123-91-1	1,4-Dioxane	2.4	U	2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	120.179		10-139		80	SPK: -150
13127-88-3	Phenol-d6	109.314		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	76.241		49-133		76	SPK: -100
321-60-8	2-Fluorobiphenyl	78.68		52-132		79	SPK: -100
118-79-6	2,4,6-Tribromophenol	157.964		32-145		105	SPK: -150
1718-51-0	Terphenyl-d14	86.676		36-145		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74043	7.899				
1146-65-2	Naphthalene-d8	265875	10.704				
15067-26-2	Acenaphthene-d10	169096	14.534				
1517-22-2	Phenanthrene-d10	408657	17.298				
1719-03-5	Chrysene-d12	401446	21.386				
1520-96-3	Perylene-d12	476810	23.81				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	PB159054BL	SDG No.:	BP022024
Lab Sample ID:	PB159054BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019778.D	1	2/15/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.9	A			5.022	
000057-10-3	n-Hexadecanoic acid	2.3	J			18.186	

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	PB159054BS	SDG No.:	BP022024
Lab Sample ID:	PB159054BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019779.D	1	2/15/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	41.1		2	8	10	ug/L
110-86-1	Pyridine	33		1.8	4	5	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8	10	ug/L
62-53-3	Aniline	24.2		2.4	4	5	ug/L
108-95-2	Phenol	43.1		1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.4		1.7	4	5	ug/L
95-57-8	2-Chlorophenol	45.3		1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	42.5		1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	42.6		1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	42.8		1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	42.6		2.4	8	10	ug/L
95-48-7	2-Methylphenol	42.1		2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41.3		2.3	4	5	ug/L
98-86-2	Acetophenone	42.7		1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	41.4		2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	39.5		2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	42.3		1.6	4	5	ug/L
98-95-3	Nitrobenzene	40.6		1.7	4	5	ug/L
78-59-1	Isophorone	41.8		1.7	4	5	ug/L
88-75-5	2-Nitrophenol	48.6		2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	50.6		3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	42.4		2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	46.2		1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.8		1.7	4	5	ug/L
65-85-0	Benzoic acid	48.1		6.7	8	10	ug/L
91-20-3	Naphthalene	42.7		1.7	4	5	ug/L
106-47-8	4-Chloroaniline	12.2		2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	44.5		1.9	4	5	ug/L
105-60-2	Caprolactam	48.4		3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	44.8		1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	43		2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	PB159054BS	SDG No.:	BP022024
Lab Sample ID:	PB159054BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019779.D	1	2/15/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	120	E	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	46.6		1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	46		1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	42.5		1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	41.1		1.6	4	5	ug/L
88-74-4	2-Nitroaniline	44.8		2.4	4	5	ug/L
131-11-3	Dimethylphthalate	44.8		1.9	4	5	ug/L
208-96-8	Acenaphthylene	46.4		2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	44.7		2.1	4	5	ug/L
99-09-2	3-Nitroaniline	30.7		2.4	4	5	ug/L
83-32-9	Acenaphthene	42.2		1.7	4	5	ug/L
Total PAH	Total PAH	723.4		31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	110	E	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	97.4	E	2.8	8	10	ug/L
132-64-9	Dibenzofuran	43.9		1.6	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	48.7		2.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	93.4		4.6	4	10	ug/L
84-66-2	Diethylphthalate	44.3		2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	45.2		2.2	4	5	ug/L
86-73-7	Fluorene	44.6		2	4	5	ug/L
100-01-6	4-Nitroaniline	44.1		2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	51		1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	42.9		2	4	5	ug/L
103-33-3	Azobenzene	42.1		1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	44.8		2	4	5	ug/L
118-74-1	Hexachlorobenzene	45.2		1.9	4	5	ug/L
1912-24-9	Atrazine	51		3.5	4	5	ug/L
87-86-5	Pentachlorophenol	100	E	2.6	8	10	ug/L
85-01-8	Phenanthrene	45.2		2	4	5	ug/L
120-12-7	Anthracene	45.7		2.3	4	5	ug/L
86-74-8	Carbazole	45.7		1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	44.4		2.4	4	5	ug/L
206-44-0	Fluoranthene	46.4		2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	PB159054BS	SDG No.:	BP022024
Lab Sample ID:	PB159054BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019779.D	1	2/15/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	41.5		6.6	8	10	ug/L
129-00-0	Pyrene	44.5		1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	44.4		2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	39.1		5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	45.2		1.5	4	5	ug/L
218-01-9	Chrysene	44.2		1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	40.4		2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	40.2		3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	45.4		1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	44.3		1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	46.4		2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.4		2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	47.8		2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	45		1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	45.6		2.1	4	5	ug/L
123-91-1	1,4-Dioxane	34.6		2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	51.9		1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	41.3		2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	128.346		10-139		86	SPK: -150
13127-88-3	Phenol-d6	119.676		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	81.447		49-133		81	SPK: -100
321-60-8	2-Fluorobiphenyl	82.237		52-132		82	SPK: -100
118-79-6	2,4,6-Tribromophenol	158.082		32-145		105	SPK: -150
1718-51-0	Terphenyl-d14	89.391		36-145		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73226	7.899				
1146-65-2	Naphthalene-d8	265593	10.704				
15067-26-2	Acenaphthene-d10	171474	14.54				
1517-22-2	Phenanthrene-d10	382638	17.292				
1719-03-5	Chrysene-d12	371408	21.386				
1520-96-3	Perylene-d12	447089	23.81				



Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	PB159054BS	SDG No.:	BP022024
Lab Sample ID:	PB159054BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019779.D	1	2/15/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	PB159054BSD	SDG No.:	BP022024
Lab Sample ID:	PB159054BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019780.D	1	2/15/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	41		2	8	10	ug/L
110-86-1	Pyridine	32.5		1.8	4	5	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8	10	ug/L
62-53-3	Aniline	23.8		2.4	4	5	ug/L
108-95-2	Phenol	42.5		1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	41		1.7	4	5	ug/L
95-57-8	2-Chlorophenol	44.3		1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	41.7		1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	41.2		1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	41.8		1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	42.6		2.4	8	10	ug/L
95-48-7	2-Methylphenol	41.8		2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	40.1		2.3	4	5	ug/L
98-86-2	Acetophenone	41.6		1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	41.7		2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	38.5		2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	41.1		1.6	4	5	ug/L
98-95-3	Nitrobenzene	39.4		1.7	4	5	ug/L
78-59-1	Isophorone	40.4		1.7	4	5	ug/L
88-75-5	2-Nitrophenol	46.9		2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	49.7		3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	40.3		2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	45.1		1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	42.8		1.7	4	5	ug/L
65-85-0	Benzoic acid	46.5		6.7	8	10	ug/L
91-20-3	Naphthalene	41.3		1.7	4	5	ug/L
106-47-8	4-Chloroaniline	12.4		2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	43		1.9	4	5	ug/L
105-60-2	Caprolactam	47.2		3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	44.4		1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	41.6		2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	PB159054BSD	SDG No.:	BP022024
Lab Sample ID:	PB159054BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019780.D	1	2/15/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	120	E	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	46.3		1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	46.2		1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	42		1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	41		1.6	4	5	ug/L
88-74-4	2-Nitroaniline	45.8		2.4	4	5	ug/L
131-11-3	Dimethylphthalate	44.2		1.9	4	5	ug/L
208-96-8	Acenaphthylene	46.3		2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	44.2		2.1	4	5	ug/L
99-09-2	3-Nitroaniline	31.2		2.4	4	5	ug/L
83-32-9	Acenaphthene	41.7		1.7	4	5	ug/L
Total PAH	Total PAH	709.1		31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	110	E	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	96.8	E	2.8	8	10	ug/L
132-64-9	Dibenzofuran	44		1.6	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	92.4		4.6	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	48.2		2.5	4	5	ug/L
84-66-2	Diethylphthalate	44.1		2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44.5		2.2	4	5	ug/L
86-73-7	Fluorene	44.5		2	4	5	ug/L
100-01-6	4-Nitroaniline	45.5		2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	51.3		1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	42.1		2	4	5	ug/L
103-33-3	Azobenzene	42		1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	43.7		2	4	5	ug/L
118-74-1	Hexachlorobenzene	43.4		1.9	4	5	ug/L
1912-24-9	Atrazine	48.8		3.5	4	5	ug/L
87-86-5	Pentachlorophenol	97.3	E	2.6	8	10	ug/L
85-01-8	Phenanthrene	44.1		2	4	5	ug/L
120-12-7	Anthracene	44.7		2.3	4	5	ug/L
86-74-8	Carbazole	44.6		1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	42.1		2.4	4	5	ug/L
206-44-0	Fluoranthene	45.4		2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	PB159054BSD	SDG No.:	BP022024
Lab Sample ID:	PB159054BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019780.D	1	2/15/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	41.3		6.6	8	10	ug/L
129-00-0	Pyrene	44.2		1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	42.1		2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	38.5		5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	44.1		1.5	4	5	ug/L
218-01-9	Chrysene	44		1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	37.9		2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	37.7		3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	44.8		1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	43.1		1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	45.3		2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	45.9		2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	45.9		2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	43.8		1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	45		2.1	4	5	ug/L
123-91-1	1,4-Dioxane	33.4		2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	52		1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	40.4		2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	125.692		10-139		84	SPK: -150
13127-88-3	Phenol-d6	118.896		10-134		79	SPK: -150
4165-60-0	Nitrobenzene-d5	79.364		49-133		79	SPK: -100
321-60-8	2-Fluorobiphenyl	80.982		52-132		81	SPK: -100
118-79-6	2,4,6-Tribromophenol	155.903		32-145		104	SPK: -150
1718-51-0	Terphenyl-d14	87.225		36-145		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68963	7.899				
1146-65-2	Naphthalene-d8	254707	10.699				
15067-26-2	Acenaphthene-d10	163050	14.54				
1517-22-2	Phenanthrene-d10	373227	17.292				
1719-03-5	Chrysene-d12	361121	21.386				
1520-96-3	Perylene-d12	426601	23.81				



Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	PB159054BSD	SDG No.:	BP022024
Lab Sample ID:	PB159054BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019780.D	1	2/15/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	PB159009TB	SDG No.:	BP022024
Lab Sample ID:	PB159009TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019781.D	1	2/16/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159068

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	PB159009TB	SDG No.:	BP022024
Lab Sample ID:	PB159009TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019781.D	1	2/16/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159068

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	PB159009TB	SDG No.:	BP022024
Lab Sample ID:	PB159009TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019781.D	1	2/16/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159068

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	102.423		10-139		68	SPK: -150
13127-88-3	Phenol-d6	93.129		10-134		62	SPK: -150
4165-60-0	Nitrobenzene-d5	67.817		49-133		68	SPK: -100
321-60-8	2-Fluorobiphenyl	69.708		52-132		70	SPK: -100
118-79-6	2,4,6-Tribromophenol	140.22		32-145		93	SPK: -150
1718-51-0	Terphenyl-d14	76.698		36-145		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75619	7.899				
1146-65-2	Naphthalene-d8	263641	10.699				
15067-26-2	Acenaphthene-d10	167961	14.534				
1517-22-2	Phenanthrene-d10	413459	17.292				
1719-03-5	Chrysene-d12	408561	21.386				
1520-96-3	Perylene-d12	494009	23.81				



Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	PB159009TB	SDG No.:	BP022024
Lab Sample ID:	PB159009TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019781.D	1	2/16/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159068

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	PB159045TB	SDG No.:	BP022024
Lab Sample ID:	PB159045TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019782.D	1	2/16/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159068

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	PB159045TB	SDG No.:	BP022024
Lab Sample ID:	PB159045TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019782.D	1	2/16/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159068

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	PB159045TB	SDG No.:	BP022024
Lab Sample ID:	PB159045TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019782.D	1	2/16/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159068

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	103.925		10-139		69	SPK: -150
13127-88-3	Phenol-d6	94.126		10-134		63	SPK: -150
4165-60-0	Nitrobenzene-d5	68.268		49-133		68	SPK: -100
321-60-8	2-Fluorobiphenyl	69.616		52-132		70	SPK: -100
118-79-6	2,4,6-Tribromophenol	129.982		32-145		87	SPK: -150
1718-51-0	Terphenyl-d14	72.814		36-145		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72842	7.899				
1146-65-2	Naphthalene-d8	254473	10.698				
15067-26-2	Acenaphthene-d10	158405	14.534				
1517-22-2	Phenanthrene-d10	365893	17.292				
1719-03-5	Chrysene-d12	383662	21.386				
1520-96-3	Perylene-d12	468594	23.81				



Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	PB159045TB	SDG No.:	BP022024
Lab Sample ID:	PB159045TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019782.D	1	2/16/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159068

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-2S	SDG No.:	BP022024
Lab Sample ID:	P1505-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019783.D	1	2/16/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159068

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-2S	SDG No.:	BP022024
Lab Sample ID:	P1505-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019783.D	1	2/16/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159068

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-2S	SDG No.:	BP022024
Lab Sample ID:	P1505-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019783.D	1	2/16/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159068

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	99.146		10-139		66	SPK: -150
13127-88-3	Phenol-d6	85.217		10-134		57	SPK: -150
4165-60-0	Nitrobenzene-d5	73.819		49-133		74	SPK: -100
321-60-8	2-Fluorobiphenyl	73.174		52-132		73	SPK: -100
118-79-6	2,4,6-Tribromophenol	179.657		32-145		120	SPK: -150
1718-51-0	Terphenyl-d14	96.897		36-145		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60987	7.899				
1146-65-2	Naphthalene-d8	223347	10.698				
15067-26-2	Acenaphthene-d10	153397	14.534				
1517-22-2	Phenanthrene-d10	392865	17.292				
1719-03-5	Chrysene-d12	426385	21.386				
1520-96-3	Perylene-d12	465819	23.81				



Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-2S	SDG No.:	BP022024
Lab Sample ID:	P1505-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019783.D	1	2/16/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159068

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-2D	SDG No.:	BP022024
Lab Sample ID:	P1505-16	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019784.D	1	2/16/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159068

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-2D	SDG No.:	BP022024
Lab Sample ID:	P1505-16	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019784.D	1	2/16/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159068

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-2D	SDG No.:	BP022024
Lab Sample ID:	P1505-16	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019784.D	1	2/16/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159068

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	116.232		10-139		77	SPK: -150
13127-88-3	Phenol-d6	99.103		10-134		66	SPK: -150
4165-60-0	Nitrobenzene-d5	82.658		49-133		83	SPK: -100
321-60-8	2-Fluorobiphenyl	78.887		52-132		79	SPK: -100
118-79-6	2,4,6-Tribromophenol	199.332		32-145		133	SPK: -150
1718-51-0	Terphenyl-d14	96.344		36-145		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54392	7.899				
1146-65-2	Naphthalene-d8	196380	10.698				
15067-26-2	Acenaphthene-d10	134955	14.534				
1517-22-2	Phenanthrene-d10	388118	17.292				
1719-03-5	Chrysene-d12	427746	21.386				
1520-96-3	Perylene-d12	467264	23.804				

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-2D	SDG No.:	BP022024
Lab Sample ID:	P1505-16	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019784.D	1	2/16/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159068

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240762-39N-N-FIELD-BLANK-1	SDG No.:	BP022024
Lab Sample ID:	P1462-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019785.D	1	2/15/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2	U	2	8	10	ug/L
110-86-1	Pyridine	1.8	U	1.8	4	5	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8	10	ug/L
62-53-3	Aniline	2.4	U	2.4	4	5	ug/L
108-95-2	Phenol	1.5	U	1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.7	U	1.7	4	5	ug/L
95-57-8	2-Chlorophenol	1.4	U	1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	1.7	U	1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	1.4	U	1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	2.4	U	2.4	8	10	ug/L
95-48-7	2-Methylphenol	2.1	U	2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.3	U	2.3	4	5	ug/L
98-86-2	Acetophenone	1.8	U	1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	2.2	U	2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1.6	U	1.6	4	5	ug/L
98-95-3	Nitrobenzene	1.7	U	1.7	4	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	4	5	ug/L
88-75-5	2-Nitrophenol	2.4	U	2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	3	U	3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2	U	2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	1.7	U	1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.7	U	1.7	4	5	ug/L
65-85-0	Benzoic acid	6.7	U	6.7	8	10	ug/L
91-20-3	Naphthalene	1.7	U	1.7	4	5	ug/L
106-47-8	4-Chloroaniline	2.5	U	2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.9	U	1.9	4	5	ug/L
105-60-2	Caprolactam	3.4	U	3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.8	U	1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	2.2	U	2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240762-39N-N-FIELD-BLANK-1	SDG No.:	BP022024
Lab Sample ID:	P1462-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019785.D	1	2/15/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.7	U	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	1.8	U	1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	4	5	ug/L
88-74-4	2-Nitroaniline	2.4	U	2.4	4	5	ug/L
131-11-3	Dimethylphthalate	1.9	U	1.9	4	5	ug/L
208-96-8	Acenaphthylene	2.1	U	2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	4	5	ug/L
99-09-2	3-Nitroaniline	2.4	U	2.4	4	5	ug/L
83-32-9	Acenaphthene	1.7	U	1.7	4	5	ug/L
Total PAH	Total PAH	31	U	31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	5.5	U	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	2.8	U	2.8	8	10	ug/L
132-64-9	Dibenzofuran	1.6	U	1.6	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.6	U	4.6	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	2.5	U	2.5	4	5	ug/L
84-66-2	Diethylphthalate	2.1	U	2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	2.2	4	5	ug/L
86-73-7	Fluorene	2	U	2	4	5	ug/L
100-01-6	4-Nitroaniline	2.3	U	2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.8	U	1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	2	U	2	4	5	ug/L
103-33-3	Azobenzene	1.6	U	1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2	U	2	4	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	4	5	ug/L
1912-24-9	Atrazine	3.5	U	3.5	4	5	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	8	10	ug/L
85-01-8	Phenanthrene	2	U	2	4	5	ug/L
120-12-7	Anthracene	2.3	U	2.3	4	5	ug/L
86-74-8	Carbazole	1.7	U	1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	2.4	U	2.4	4	5	ug/L
206-44-0	Fluoranthene	2.1	U	2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240762-39N-N-FIELD-BLANK-1	SDG No.:	BP022024
Lab Sample ID:	P1462-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019785.D	1	2/15/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	6.6	U	6.6	8	10	ug/L
129-00-0	Pyrene	1.9	U	1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4	5	ug/L
218-01-9	Chrysene	1.6	U	1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	U	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.1	U	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	2.7	U	2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4	5	ug/L
123-91-1	1,4-Dioxane	2.4	U	2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	0.249	*	10-139		0	SPK: -150
13127-88-3	Phenol-d6	0.137	*	10-134		0	SPK: -150
4165-60-0	Nitrobenzene-d5	0.285	*	49-133		0	SPK: -100
321-60-8	2-Fluorobiphenyl	0.312	*	52-132		0	SPK: -100
118-79-6	2,4,6-Tribromophenol	0.487	*	32-145		0	SPK: -150
1718-51-0	Terphenyl-d14	0.46	*	36-145		0	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63713	7.899				
1146-65-2	Naphthalene-d8	232699	10.698				
15067-26-2	Acenaphthene-d10	168962	14.534				
1517-22-2	Phenanthrene-d10	421419	17.292				
1719-03-5	Chrysene-d12	445798	21.386				
1520-96-3	Perylene-d12	496602	23.804				

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240762-39N-N-FIELD-BLANK-1	SDG No.:	BP022024
Lab Sample ID:	P1462-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019785.D	1	2/15/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	7.6	J			18.186	
060212-33-1	4-Tetradecyne	4.3	J			19.004	
000112-91-4	9-Octadecenitrile, (Z)-	36.3	J			19.033	
000506-17-2	cis-Vaccenic acid	5	J			19.31	
000057-11-4	Octadecanoic acid	5.2	J			19.427	
000638-58-4	Tetradecanamide	20.9	J			19.58	
000301-02-0	9-Octadecenamide, (Z)-	290	J			20.557	
000629-54-9	Hexadecanamide	6.8	J			20.645	
1000465-48-0	(Z)-Docos-9-enitrile	15.1	J			21.139	
106010-22-4	Palmitoleamide	4.6	J			21.498	
000112-84-5	13-Docosenamide, (Z)-	49.8	J			22.527	

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-2DDL	SDG No.:	BP022024
Lab Sample ID:	P1505-13DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019786.D	5	2/16/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	260	U	260	910	1100	ug/Kg
110-86-1	Pyridine	240	U	240	440	570	ug/Kg
100-52-7	Benzaldehyde	500	U	500	910	1100	ug/Kg
62-53-3	Aniline	390	U	390	440	570	ug/Kg
108-95-2	Phenol	250	U	250	440	570	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	300	U	300	440	570	ug/Kg
95-57-8	2-Chlorophenol	240	U	240	440	570	ug/Kg
95-50-1	1,2-Dichlorobenzene	270	U	270	440	570	ug/Kg
541-73-1	1,3-Dichlorobenzene	300	U	300	440	570	ug/Kg
106-46-7	1,4-Dichlorobenzene	280	U	280	440	570	ug/Kg
100-51-6	Benzyl Alcohol	330	U	330	910	1100	ug/Kg
95-48-7	2-Methylphenol	380	U	380	440	570	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	350	U	350	440	570	ug/Kg
98-86-2	Acetophenone	290	U	290	440	570	ug/Kg
65794-96-9	3+4-Methylphenols	360	U	360	910	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	200	U	200	270	270	ug/Kg
67-72-1	Hexachloroethane	250	U	250	440	570	ug/Kg
98-95-3	Nitrobenzene	250	U	250	440	570	ug/Kg
78-59-1	Isophorone	230	U	230	440	570	ug/Kg
88-75-5	2-Nitrophenol	320	U	320	440	570	ug/Kg
105-67-9	2,4-Dimethylphenol	330	U	330	440	570	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	380	U	380	440	570	ug/Kg
120-83-2	2,4-Dichlorophenol	260	U	260	440	570	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	260	U	260	440	570	ug/Kg
65-85-0	Benzoic acid	720	U	720	910	1100	ug/Kg
91-20-3	Naphthalene	270	U	270	440	570	ug/Kg
106-47-8	4-Chloroaniline	350	U	350	440	570	ug/Kg
87-68-3	Hexachlorobutadiene	280	U	280	440	570	ug/Kg
105-60-2	Caprolactam	390	U	390	910	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	280	U	280	440	570	ug/Kg
91-57-6	2-Methylnaphthalene	320	U	320	440	570	ug/Kg

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-2DDL	SDG No.:	BP022024
Lab Sample ID:	P1505-13DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
Sample Wt/Vol:	50.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019786.D	5	2/16/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	710	U	710	910	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	260	U	260	440	570	ug/Kg
95-95-4	2,4,5-Trichlorophenol	300	U	300	440	570	ug/Kg
92-52-4	1,1-Biphenyl	310	U	310	440	570	ug/Kg
91-58-7	2-Chloronaphthalene	280	U	280	440	570	ug/Kg
88-74-4	2-Nitroaniline	330	U	330	440	570	ug/Kg
131-11-3	Dimethylphthalate	300	U	300	440	570	ug/Kg
208-96-8	Acenaphthylene	300	U	300	440	570	ug/Kg
606-20-2	2,6-Dinitrotoluene	300	U	300	440	570	ug/Kg
99-09-2	3-Nitroaniline	310	U	310	440	570	ug/Kg
83-32-9	Acenaphthene	270	U	270	440	570	ug/Kg
Total PAH	Total PAH	14670	UD	4830	440	9120	ug/Kg
51-28-5	2,4-Dinitrophenol	600	U	600	910	1100	ug/Kg
100-02-7	4-Nitrophenol	380	U	380	910	1100	ug/Kg
132-64-9	Dibenzofuran	260	U	260	440	570	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	640	U	640	440	1140	ug/Kg
121-14-2	2,4-Dinitrotoluene	340	U	340	440	570	ug/Kg
84-66-2	Diethylphthalate	290	U	290	440	570	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	300	U	300	440	570	ug/Kg
86-73-7	Fluorene	290	U	290	440	570	ug/Kg
100-01-6	4-Nitroaniline	350	U	350	440	570	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	300	U	300	910	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	310	U	310	440	570	ug/Kg
103-33-3	Azobenzene	250	U	250	440	570	ug/Kg
101-55-3	4-Bromophenyl-phenylether	330	U	330	440	570	ug/Kg
118-74-1	Hexachlorobenzene	330	U	330	440	570	ug/Kg
1912-24-9	Atrazine	320	U	320	440	570	ug/Kg
87-86-5	Pentachlorophenol	370	U	370	910	1100	ug/Kg
85-01-8	Phenanthrene	490	JD	310	440	570	ug/Kg
120-12-7	Anthracene	340	U	340	440	570	ug/Kg
86-74-8	Carbazole	290	U	290	440	570	ug/Kg
84-74-2	Di-n-butylphthalate	350	U	350	440	570	ug/Kg
206-44-0	Fluoranthene	3100	D	320	440	570	ug/Kg

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-2DDL	SDG No.:	BP022024
Lab Sample ID:	P1505-13DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019786.D	5	2/16/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	650	U	650	910	1100	ug/Kg
129-00-0	Pyrene	2200	D	280	440	570	ug/Kg
85-68-7	Butylbenzylphthalate	350	U	350	440	570	ug/Kg
91-94-1	3,3-Dichlorobenzidine	540	U	540	910	1100	ug/Kg
56-55-3	Benzo(a)anthracene	1700	D	280	440	570	ug/Kg
218-01-9	Chrysene	1200	D	290	440	570	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	390	U	390	440	570	ug/Kg
117-84-0	Di-n-octyl phthalate	410	U	410	910	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100	D	270	440	570	ug/Kg
207-08-9	Benzo(k)fluoranthene	710	D	300	440	570	ug/Kg
50-32-8	Benzo(a)pyrene	1600	D	320	440	570	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	780	D	360	440	570	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	320	U	320	440	570	ug/Kg
191-24-2	Benzo(g,h,i)perylene	790	D	310	440	570	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	300	U	300	440	570	ug/Kg
123-91-1	1,4-Dioxane	390	U	390	440	570	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	280	U	280	440	570	ug/Kg
90-12-0	1-Methylnaphthalene	300	U	300	570	570	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	131.76		18-112		88	SPK: -150
13127-88-3	Phenol-d6	123.765		15-107		83	SPK: -150
4165-60-0	Nitrobenzene-d5	82.82		18-107		83	SPK: -100
321-60-8	2-Fluorobiphenyl	77.83		20-109		78	SPK: -100
118-79-6	2,4,6-Tribromophenol	163.96		10-110		109	SPK: -150
1718-51-0	Terphenyl-d14	91.92		14-112		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	55835	7.899				
1146-65-2	Naphthalene-d8	212626	10.698				
15067-26-2	Acenaphthene-d10	153859	14.534				
1517-22-2	Phenanthrene-d10	396111	17.292				
1719-03-5	Chrysene-d12	391919	21.386				
1520-96-3	Perylene-d12	434284	23.798				



Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-2DDL	SDG No.:	BP022024
Lab Sample ID:	P1505-13DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
Sample Wt/Vol:	50.09	Final Vol:	1000 uL
Soil Aliquot Vol:		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019786.D	5	2/16/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	ETGI-343	SDG No.:	BP022024
Lab Sample ID:	P1514-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019787.D	1	2/19/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	ETGI-343	SDG No.:	BP022024
Lab Sample ID:	P1514-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019787.D	1	2/19/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	ETGI-343	SDG No.:	BP022024
Lab Sample ID:	P1514-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019787.D	1	2/19/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	121.006		10-139		81	SPK: -150
13127-88-3	Phenol-d6	105.866		10-134		71	SPK: -150
4165-60-0	Nitrobenzene-d5	83.1		49-133		83	SPK: -100
321-60-8	2-Fluorobiphenyl	77.178		52-132		77	SPK: -100
118-79-6	2,4,6-Tribromophenol	184.388		32-145		123	SPK: -150
1718-51-0	Terphenyl-d14	87.473		36-145		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60681	7.899				
1146-65-2	Naphthalene-d8	229151	10.698				
15067-26-2	Acenaphthene-d10	164834	14.534				
1517-22-2	Phenanthrene-d10	430441	17.292				
1719-03-5	Chrysene-d12	487421	21.386				
1520-96-3	Perylene-d12	534183	23.804				

Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	ETGI-343	SDG No.:	BP022024
Lab Sample ID:	P1514-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
Extraction Type :		Test:	
Injection Volume :		Level :	LOW
		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019787.D	1	2/19/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	ETGI-343MS	SDG No.:	BP022024
Lab Sample ID:	P1514-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019788.D	1	2/19/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	420		20.2	80	100	ug/L
110-86-1	Pyridine	310		17.8	40	50	ug/L
100-52-7	Benzaldehyde	74.9	J	32.8	80	100	ug/L
62-53-3	Aniline	230		24.2	40	50	ug/L
108-95-2	Phenol	410		14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	420		16.5	40	50	ug/L
95-57-8	2-Chlorophenol	450		13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	420		12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	410		17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	420		14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	470		23.8	80	100	ug/L
95-48-7	2-Methylphenol	440		20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	410		22.6	40	50	ug/L
98-86-2	Acetophenone	440		17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	430		21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	420		19.8	25	25	ug/L
67-72-1	Hexachloroethane	410		16.4	40	50	ug/L
98-95-3	Nitrobenzene	420		17.2	40	50	ug/L
78-59-1	Isophorone	450		17.1	40	50	ug/L
88-75-5	2-Nitrophenol	500		23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	540		29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	450		20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	500		16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	450		17	40	50	ug/L
65-85-0	Benzoic acid	170		66.5	80	100	ug/L
91-20-3	Naphthalene	440		16.9	40	50	ug/L
106-47-8	4-Chloroaniline	56.7		25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	450		19.3	40	50	ug/L
105-60-2	Caprolactam	500		34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	510		17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	460		22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	ETGI-343MS	SDG No.:	BP022024
Lab Sample ID:	P1514-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019788.D	1	2/19/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	1000	E	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	500		15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	500		15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	440		17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	430		15.9	40	50	ug/L
88-74-4	2-Nitroaniline	500		23.7	40	50	ug/L
131-11-3	Dimethylphthalate	500		18.8	40	50	ug/L
208-96-8	Acenaphthylene	490		21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	490		21	40	50	ug/L
99-09-2	3-Nitroaniline	290		23.6	40	50	ug/L
83-32-9	Acenaphthene	450		17.2	40	50	ug/L
Total PAH	Total PAH	7880		309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	290		54.5	80	100	ug/L
100-02-7	4-Nitrophenol	960	E	28	80	100	ug/L
132-64-9	Dibenzofuran	470		15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1030		46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	540		25.4	40	50	ug/L
84-66-2	Diethylphthalate	500		20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	500		22.2	40	50	ug/L
86-73-7	Fluorene	490		20.4	40	50	ug/L
100-01-6	4-Nitroaniline	500		23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	230		18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	470		19.5	40	50	ug/L
103-33-3	Azobenzene	470		16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	490		19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	500		19.1	40	50	ug/L
1912-24-9	Atrazine	610		35	40	50	ug/L
87-86-5	Pentachlorophenol	890	E	25.5	80	100	ug/L
85-01-8	Phenanthrene	500		20	40	50	ug/L
120-12-7	Anthracene	510		22.8	40	50	ug/L
86-74-8	Carbazole	500		17	40	50	ug/L
84-74-2	Di-n-butylphthalate	510		24	40	50	ug/L
206-44-0	Fluoranthene	540		20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	ETGI-343MS	SDG No.:	BP022024
Lab Sample ID:	P1514-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019788.D	1	2/19/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	350		65.8	80	100	ug/L
129-00-0	Pyrene	480		18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	490		28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	360		53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	510		14.5	40	50	ug/L
218-01-9	Chrysene	500		15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	460		29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	450		31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	510		15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	500		18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	510		27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	490		20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	500		19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	460		19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	470		20.6	40	50	ug/L
123-91-1	1,4-Dioxane	340		24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	600		13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	440		20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	120.9		10-139		81	SPK: -150
13127-88-3	Phenol-d6	110.774		10-134		74	SPK: -150
4165-60-0	Nitrobenzene-d5	85.104		49-133		85	SPK: -100
321-60-8	2-Fluorobiphenyl	82.918		52-132		83	SPK: -100
118-79-6	2,4,6-Tribromophenol	171.66		32-145		114	SPK: -150
1718-51-0	Terphenyl-d14	92.049		36-145		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72187	7.899				
1146-65-2	Naphthalene-d8	263993	10.698				
15067-26-2	Acenaphthene-d10	183561	14.534				
1517-22-2	Phenanthrene-d10	417827	17.292				
1719-03-5	Chrysene-d12	448470	21.386				
1520-96-3	Perylene-d12	510753	23.798				

Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	ETGI-343MS	SDG No.:	BP022024
Lab Sample ID:	P1514-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
Extraction Type :		Test:	
Injection Volume :		Level :	LOW
		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019788.D	1	2/19/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	ETGI-343MSD	SDG No.:	BP022024
Lab Sample ID:	P1514-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019789.D	1	2/19/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	390		20.2	80	100	ug/L
110-86-1	Pyridine	290		17.8	40	50	ug/L
100-52-7	Benzaldehyde	66.1	J	32.8	80	100	ug/L
62-53-3	Aniline	180		24.2	40	50	ug/L
108-95-2	Phenol	380		14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	400		16.5	40	50	ug/L
95-57-8	2-Chlorophenol	440		13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	400		12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	400		17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	400		14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	440		23.8	80	100	ug/L
95-48-7	2-Methylphenol	420		20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	400		22.6	40	50	ug/L
98-86-2	Acetophenone	430		17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	410		21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	400		19.8	25	25	ug/L
67-72-1	Hexachloroethane	390		16.4	40	50	ug/L
98-95-3	Nitrobenzene	410		17.2	40	50	ug/L
78-59-1	Isophorone	440		17.1	40	50	ug/L
88-75-5	2-Nitrophenol	480		23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	520		29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	430		20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	480		16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	440		17	40	50	ug/L
65-85-0	Benzoic acid	160		66.5	80	100	ug/L
91-20-3	Naphthalene	420		16.9	40	50	ug/L
106-47-8	4-Chloroaniline	43.6	J	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	430		19.3	40	50	ug/L
105-60-2	Caprolactam	440		34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	480		17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	440		22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	ETGI-343MSD	SDG No.:	BP022024
Lab Sample ID:	P1514-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019789.D	1	2/19/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	930	E	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	480		15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	470		15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	420		17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	410		15.9	40	50	ug/L
88-74-4	2-Nitroaniline	450		23.7	40	50	ug/L
131-11-3	Dimethylphthalate	470		18.8	40	50	ug/L
208-96-8	Acenaphthylene	470		21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	470		21	40	50	ug/L
99-09-2	3-Nitroaniline	280		23.6	40	50	ug/L
83-32-9	Acenaphthene	430		17.2	40	50	ug/L
Total PAH	Total PAH	7450		309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	140		54.5	80	100	ug/L
100-02-7	4-Nitrophenol	850	E	28	80	100	ug/L
132-64-9	Dibenzofuran	450		15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	970		46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	500		25.4	40	50	ug/L
84-66-2	Diethylphthalate	460		20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	470		22.2	40	50	ug/L
86-73-7	Fluorene	460		20.4	40	50	ug/L
100-01-6	4-Nitroaniline	440		23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	140		18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	450		19.5	40	50	ug/L
103-33-3	Azobenzene	440		16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	480		19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	480		19.1	40	50	ug/L
1912-24-9	Atrazine	560		35	40	50	ug/L
87-86-5	Pentachlorophenol	700		25.5	80	100	ug/L
85-01-8	Phenanthrene	480		20	40	50	ug/L
120-12-7	Anthracene	480		22.8	40	50	ug/L
86-74-8	Carbazole	480		17	40	50	ug/L
84-74-2	Di-n-butylphthalate	470		24	40	50	ug/L
206-44-0	Fluoranthene	510		20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	ETGI-343MSD	SDG No.:	BP022024
Lab Sample ID:	P1514-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019789.D	1	2/19/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	290		65.8	80	100	ug/L
129-00-0	Pyrene	450		18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	430		28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	330		53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	480		14.5	40	50	ug/L
218-01-9	Chrysene	470		15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	400		29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	410		31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	480		15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	470		18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	480		27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	470		20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	470		19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	430		19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	450		20.6	40	50	ug/L
123-91-1	1,4-Dioxane	330		24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	560		13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	430		20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	115.531		10-139		77	SPK: -150
13127-88-3	Phenol-d6	105.295		10-134		70	SPK: -150
4165-60-0	Nitrobenzene-d5	81.664		49-133		82	SPK: -100
321-60-8	2-Fluorobiphenyl	80.6		52-132		81	SPK: -100
118-79-6	2,4,6-Tribromophenol	158.427		32-145		106	SPK: -150
1718-51-0	Terphenyl-d14	83.917		36-145		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74100	7.899				
1146-65-2	Naphthalene-d8	269872	10.699				
15067-26-2	Acenaphthene-d10	184548	14.534				
1517-22-2	Phenanthrene-d10	404146	17.292				
1719-03-5	Chrysene-d12	443300	21.386				
1520-96-3	Perylene-d12	513600	23.798				

Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	ETGI-343MSD	SDG No.:	BP022024
Lab Sample ID:	P1514-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019789.D	1	2/19/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240768-AMENDED-COMP-39N-N-3-03	SDG No.:	BP022024
Lab Sample ID:	P1523-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	60.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019790.D	1	2/20/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	200	U	200	680	830	ug/Kg
110-86-1	Pyridine	180	U	180	330	430	ug/Kg
100-52-7	Benzaldehyde	370	U	370	680	830	ug/Kg
62-53-3	Aniline	300	U	300	330	430	ug/Kg
108-95-2	Phenol	190	U	190	330	430	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	230	U	230	330	430	ug/Kg
95-57-8	2-Chlorophenol	180	U	180	330	430	ug/Kg
95-50-1	1,2-Dichlorobenzene	210	U	210	330	430	ug/Kg
541-73-1	1,3-Dichlorobenzene	220	U	220	330	430	ug/Kg
106-46-7	1,4-Dichlorobenzene	210	U	210	330	430	ug/Kg
100-51-6	Benzyl Alcohol	250	U	250	680	830	ug/Kg
95-48-7	2-Methylphenol	290	U	290	330	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	260	U	260	330	430	ug/Kg
98-86-2	Acetophenone	220	U	220	330	430	ug/Kg
65794-96-9	3+4-Methylphenols	270	U	270	680	830	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	150	U	150	200	200	ug/Kg
67-72-1	Hexachloroethane	190	U	190	330	430	ug/Kg
98-95-3	Nitrobenzene	190	U	190	330	430	ug/Kg
78-59-1	Isophorone	170	U	170	330	430	ug/Kg
88-75-5	2-Nitrophenol	240	U	240	330	430	ug/Kg
105-67-9	2,4-Dimethylphenol	250	U	250	330	430	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	280	U	280	330	430	ug/Kg
120-83-2	2,4-Dichlorophenol	200	U	200	330	430	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	200	U	200	330	430	ug/Kg
65-85-0	Benzoic acid	950		540	680	830	ug/Kg
91-20-3	Naphthalene	210	U	210	330	430	ug/Kg
106-47-8	4-Chloroaniline	260	U	260	330	430	ug/Kg
87-68-3	Hexachlorobutadiene	210	U	210	330	430	ug/Kg
105-60-2	Caprolactam	300	U	300	680	830	ug/Kg
59-50-7	4-Chloro-3-methylphenol	210	U	210	330	430	ug/Kg
91-57-6	2-Methylnaphthalene	240	U	240	330	430	ug/Kg

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240768-AMENDED-COMP-39N-N-3-03	SDG No.:	BP022024
Lab Sample ID:	P1523-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	60.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019790.D	1	2/20/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	530	U	530	680	830	ug/Kg
88-06-2	2,4,6-Trichlorophenol	190	U	190	330	430	ug/Kg
95-95-4	2,4,5-Trichlorophenol	220	U	220	330	430	ug/Kg
92-52-4	1,1-Biphenyl	230	U	230	330	430	ug/Kg
91-58-7	2-Chloronaphthalene	210	U	210	330	430	ug/Kg
88-74-4	2-Nitroaniline	250	U	250	330	430	ug/Kg
131-11-3	Dimethylphthalate	220	U	220	330	430	ug/Kg
208-96-8	Acenaphthylene	220	U	220	330	430	ug/Kg
606-20-2	2,6-Dinitrotoluene	230	U	230	330	430	ug/Kg
99-09-2	3-Nitroaniline	240	U	240	330	430	ug/Kg
83-32-9	Acenaphthene	200	U	200	330	430	ug/Kg
Total PAH	Total PAH	3610	U	3610	330	6880	ug/Kg
51-28-5	2,4-Dinitrophenol	450	U	450	680	830	ug/Kg
100-02-7	4-Nitrophenol	290	U	290	680	830	ug/Kg
132-64-9	Dibenzofuran	190	U	190	330	430	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	480	U	480	330	860	ug/Kg
121-14-2	2,4-Dinitrotoluene	250	U	250	330	430	ug/Kg
84-66-2	Diethylphthalate	220	U	220	330	430	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	230	U	230	330	430	ug/Kg
86-73-7	Fluorene	210	U	210	330	430	ug/Kg
100-01-6	4-Nitroaniline	260	U	260	330	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	220	U	220	680	830	ug/Kg
86-30-6	n-Nitrosodiphenylamine	240	U	240	330	430	ug/Kg
103-33-3	Azobenzene	190	U	190	330	430	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	U	250	330	430	ug/Kg
118-74-1	Hexachlorobenzene	250	U	250	330	430	ug/Kg
1912-24-9	Atrazine	240	U	240	330	430	ug/Kg
87-86-5	Pentachlorophenol	280	U	280	680	830	ug/Kg
85-01-8	Phenanthrene	230	U	230	330	430	ug/Kg
120-12-7	Anthracene	260	U	260	330	430	ug/Kg
86-74-8	Carbazole	210	U	210	330	430	ug/Kg
84-74-2	Di-n-butylphthalate	260	U	260	330	430	ug/Kg
206-44-0	Fluoranthene	240	U	240	330	430	ug/Kg

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240768-AMENDED-COMP-39N-N-3-03	SDG No.:	BP022024
Lab Sample ID:	P1523-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	60.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019790.D	1	2/20/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	490	U	490	680	830	ug/Kg
129-00-0	Pyrene	210	U	210	330	430	ug/Kg
85-68-7	Butylbenzylphthalate	260	U	260	330	430	ug/Kg
91-94-1	3,3-Dichlorobenzidine	410	U	410	680	830	ug/Kg
56-55-3	Benzo(a)anthracene	210	U	210	330	430	ug/Kg
218-01-9	Chrysene	220	U	220	330	430	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	290	330	430	ug/Kg
117-84-0	Di-n-octyl phthalate	310	U	310	680	830	ug/Kg
205-99-2	Benzo(b)fluoranthene	200	U	200	330	430	ug/Kg
207-08-9	Benzo(k)fluoranthene	220	U	220	330	430	ug/Kg
50-32-8	Benzo(a)pyrene	240	U	240	330	430	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	270	U	270	330	430	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	240	U	240	330	430	ug/Kg
191-24-2	Benzo(g,h,i)perylene	230	U	230	330	430	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	230	U	230	330	430	ug/Kg
123-91-1	1,4-Dioxane	300	U	300	330	430	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	210	U	210	330	430	ug/Kg
90-12-0	1-Methylnaphthalene	230	U	230	430	430	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	39.897		18-112		27	SPK: -150
13127-88-3	Phenol-d6	68.059		15-107		45	SPK: -150
4165-60-0	Nitrobenzene-d5	72.432		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	64.451		20-109		64	SPK: -100
118-79-6	2,4,6-Tribromophenol	29.257		10-110		20	SPK: -150
1718-51-0	Terphenyl-d14	70.8		14-112		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65229	7.899				
1146-65-2	Naphthalene-d8	242796	10.698				
15067-26-2	Acenaphthene-d10	183238	14.534				
1517-22-2	Phenanthrene-d10	452155	17.292				
1719-03-5	Chrysene-d12	485131	21.38				
1520-96-3	Perylene-d12	548784	23.798				

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240768-AMENDED-COMP-39N-N-3-03	SDG No.:	BP022024
Lab Sample ID:	P1523-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	60.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019790.D	1	2/20/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
001569-50-2	3-Penten-2-ol	13700	J			3.134	
001115-11-3	2-Butenal, 2-methyl-	320	J			3.746	
000556-82-1	Prenol	1400	J			4.069	
000107-86-8	2-Butenal, 3-methyl-	410	J			4.246	
	unknown4.458	460	J			4.458	
000108-11-2	2-Pentanol, 4-methyl-	1800	J			4.64	
	unknown4.693	1200	J			4.693	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	10900	A			5.022	
053170-97-1	4-Chloro-3-methylbut-2-en-1-ol	450	J			7.593	
020019-64-1	2(5H)-Furanone, 5,5-dimethyl-	310	J			8.14	
	unknown8.869	380	J			8.869	
000452-86-8	1,2-Benzenediol, 4-methyl-	10900	J			9.434	
	unknown10.057	270	J			10.057	
	unknown11.087	330	J			11.087	
000291-22-5	1,2,4,5-Tetrathiane	490	J			13.298	
	unknown13.586	410	J			13.586	
	unknown14.457	410	J			14.457	
000292-46-6	Lenthionine	1100	J			16.263	
	unknown17.063	350	J			17.063	
000506-52-5	1-Hexacosanol	410	J			21.104	

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240768-AMENDED-COMP-39N-N-3-03MS	SDG No.:	BP022024
Lab Sample ID:	P1523-09MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	60.4
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019791.D	1	2/20/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	3500		190	680	830	ug/Kg
110-86-1	Pyridine	3200		180	330	430	ug/Kg
100-52-7	Benzaldehyde	710	J	370	680	830	ug/Kg
62-53-3	Aniline	2600		290	330	430	ug/Kg
108-95-2	Phenol	3500		190	330	430	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	3400		230	330	430	ug/Kg
95-57-8	2-Chlorophenol	3600		180	330	430	ug/Kg
95-50-1	1,2-Dichlorobenzene	3400		210	330	430	ug/Kg
541-73-1	1,3-Dichlorobenzene	3400		220	330	430	ug/Kg
106-46-7	1,4-Dichlorobenzene	3400		210	330	430	ug/Kg
100-51-6	Benzyl Alcohol	3600		250	680	830	ug/Kg
95-48-7	2-Methylphenol	3400		290	330	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3300		260	330	430	ug/Kg
98-86-2	Acetophenone	3500		220	330	430	ug/Kg
65794-96-9	3+4-Methylphenols	3400		270	680	830	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	3200		150	200	200	ug/Kg
67-72-1	Hexachloroethane	3300		190	330	430	ug/Kg
98-95-3	Nitrobenzene	3300		190	330	430	ug/Kg
78-59-1	Isophorone	3400		170	330	430	ug/Kg
88-75-5	2-Nitrophenol	3900		240	330	430	ug/Kg
105-67-9	2,4-Dimethylphenol	4200		250	330	430	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	3400		280	330	430	ug/Kg
120-83-2	2,4-Dichlorophenol	3800		200	330	430	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3600		200	330	430	ug/Kg
65-85-0	Benzoic acid	5100		540	680	830	ug/Kg
91-20-3	Naphthalene	3500		210	330	430	ug/Kg
106-47-8	4-Chloroaniline	1900		260	330	430	ug/Kg
87-68-3	Hexachlorobutadiene	3600		210	330	430	ug/Kg
105-60-2	Caprolactam	4100		290	680	830	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3800		210	330	430	ug/Kg
91-57-6	2-Methylnaphthalene	3600		240	330	430	ug/Kg

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240768-AMENDED-COMP-39N-N-3-03MS	SDG No.:	BP022024
Lab Sample ID:	P1523-09MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	60.4
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019791.D	1	2/20/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	4600		530	680	830	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3800		190	330	430	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3700		220	330	430	ug/Kg
92-52-4	1,1-Biphenyl	3400		230	330	430	ug/Kg
91-58-7	2-Chloronaphthalene	3300		210	330	430	ug/Kg
88-74-4	2-Nitroaniline	3700		250	330	430	ug/Kg
131-11-3	Dimethylphthalate	3600		220	330	430	ug/Kg
208-96-8	Acenaphthylene	3700		220	330	430	ug/Kg
606-20-2	2,6-Dinitrotoluene	3600		230	330	430	ug/Kg
99-09-2	3-Nitroaniline	3100		240	330	430	ug/Kg
83-32-9	Acenaphthene	3400		200	330	430	ug/Kg
Total PAH	Total PAH	57900		3610	330	6880	ug/Kg
51-28-5	2,4-Dinitrophenol	5900		450	680	830	ug/Kg
100-02-7	4-Nitrophenol	7700	E	290	680	830	ug/Kg
132-64-9	Dibenzofuran	3600		190	330	430	ug/Kg
121-14-2	2,4-Dinitrotoluene	3900		250	330	430	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	7500		480	330	860	ug/Kg
84-66-2	Diethylphthalate	3600		220	330	430	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3700		230	330	430	ug/Kg
86-73-7	Fluorene	3600		210	330	430	ug/Kg
100-01-6	4-Nitroaniline	3600		260	330	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3500		220	680	830	ug/Kg
86-30-6	n-Nitrosodiphenylamine	3500		240	330	430	ug/Kg
103-33-3	Azobenzene	3500		190	330	430	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3700		250	330	430	ug/Kg
118-74-1	Hexachlorobenzene	3700		250	330	430	ug/Kg
1912-24-9	Atrazine	4200		240	330	430	ug/Kg
87-86-5	Pentachlorophenol	7600	E	280	680	830	ug/Kg
85-01-8	Phenanthrene	3700		230	330	430	ug/Kg
120-12-7	Anthracene	3700		260	330	430	ug/Kg
86-74-8	Carbazole	3700		210	330	430	ug/Kg
84-74-2	Di-n-butylphthalate	3700		260	330	430	ug/Kg
206-44-0	Fluoranthene	4000		240	330	430	ug/Kg

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240768-AMENDED-COMP-39N-N-3-03MS	SDG No.:	BP022024
Lab Sample ID:	P1523-09MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	60.4
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019791.D	1	2/20/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	3300		490	680	830	ug/Kg
129-00-0	Pyrene	3400		210	330	430	ug/Kg
85-68-7	Butylbenzylphthalate	3400		260	330	430	ug/Kg
91-94-1	3,3-Dichlorobenzidine	3400		410	680	830	ug/Kg
56-55-3	Benzo(a)anthracene	3700		210	330	430	ug/Kg
218-01-9	Chrysene	3700		220	330	430	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3200		290	330	430	ug/Kg
117-84-0	Di-n-octyl phthalate	3300		310	680	830	ug/Kg
205-99-2	Benzo(b)fluoranthene	3700		200	330	430	ug/Kg
207-08-9	Benzo(k)fluoranthene	3500		220	330	430	ug/Kg
50-32-8	Benzo(a)pyrene	3700		240	330	430	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3600		270	330	430	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3600		240	330	430	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3400		230	330	430	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3600		230	330	430	ug/Kg
123-91-1	1,4-Dioxane	2900		290	330	430	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4400		210	330	430	ug/Kg
90-12-0	1-Methylnaphthalene	3400		230	430	430	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	37.654		18-112		25	SPK: -150
13127-88-3	Phenol-d6	62.776		15-107		42	SPK: -150
4165-60-0	Nitrobenzene-d5	69.876		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	64.296		20-109		64	SPK: -100
118-79-6	2,4,6-Tribromophenol	27.855		10-110		19	SPK: -150
1718-51-0	Terphenyl-d14	61.881		14-112		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65990	7.899				
1146-65-2	Naphthalene-d8	238177	10.698				
15067-26-2	Acenaphthene-d10	164393	14.534				
1517-22-2	Phenanthrene-d10	370022	17.292				
1719-03-5	Chrysene-d12	410344	21.386				
1520-96-3	Perylene-d12	497232	23.804				



Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240768-AMENDED-COMP-39N-N-3-03MS	SDG No.:	BP022024
Lab Sample ID:	P1523-09MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	60.4
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019791.D	1	2/20/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240768-AMENDED-COMP-39N-N-3-03MSD	SDG No.:	BP022024
Lab Sample ID:	P1523-10MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	60.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019792.D	1	2/20/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	3900		190	680	830	ug/Kg
110-86-1	Pyridine	3300		180	330	430	ug/Kg
100-52-7	Benzaldehyde	800	J	370	680	830	ug/Kg
62-53-3	Aniline	2600		290	330	430	ug/Kg
108-95-2	Phenol	3600		190	330	430	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	3700		230	330	430	ug/Kg
95-57-8	2-Chlorophenol	3800		180	330	430	ug/Kg
95-50-1	1,2-Dichlorobenzene	3600		210	330	430	ug/Kg
541-73-1	1,3-Dichlorobenzene	3800		220	330	430	ug/Kg
106-46-7	1,4-Dichlorobenzene	3800		210	330	430	ug/Kg
100-51-6	Benzyl Alcohol	3700		250	680	830	ug/Kg
95-48-7	2-Methylphenol	3600		290	330	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3500		260	330	430	ug/Kg
98-86-2	Acetophenone	3900		220	330	430	ug/Kg
65794-96-9	3+4-Methylphenols	3400		270	680	830	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	3400		150	200	200	ug/Kg
67-72-1	Hexachloroethane	3700		190	330	430	ug/Kg
98-95-3	Nitrobenzene	3700		190	330	430	ug/Kg
78-59-1	Isophorone	3600		170	330	430	ug/Kg
88-75-5	2-Nitrophenol	4300		240	330	430	ug/Kg
105-67-9	2,4-Dimethylphenol	4300		250	330	430	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	3700		280	330	430	ug/Kg
120-83-2	2,4-Dichlorophenol	3900		200	330	430	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4000		200	330	430	ug/Kg
65-85-0	Benzoic acid	4200		540	680	830	ug/Kg
91-20-3	Naphthalene	3800		210	330	430	ug/Kg
106-47-8	4-Chloroaniline	1700		260	330	430	ug/Kg
87-68-3	Hexachlorobutadiene	4100		210	330	430	ug/Kg
105-60-2	Caprolactam	3800		290	680	830	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3700		210	330	430	ug/Kg
91-57-6	2-Methylnaphthalene	3700		240	330	430	ug/Kg

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240768-AMENDED-COMP-39N-N-3-03MSD	SDG No.:	BP022024
Lab Sample ID:	P1523-10MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	60.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019792.D	1	2/20/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5000		530	680	830	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4100		190	330	430	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4000		220	330	430	ug/Kg
92-52-4	1,1-Biphenyl	3800		230	330	430	ug/Kg
91-58-7	2-Chloronaphthalene	3700		210	330	430	ug/Kg
88-74-4	2-Nitroaniline	4000		250	330	430	ug/Kg
131-11-3	Dimethylphthalate	3900		220	330	430	ug/Kg
208-96-8	Acenaphthylene	4100		220	330	430	ug/Kg
606-20-2	2,6-Dinitrotoluene	3800		230	330	430	ug/Kg
99-09-2	3-Nitroaniline	3000		240	330	430	ug/Kg
Total PAH	Total PAH	62700		3610	330	6880	ug/Kg
83-32-9	Acenaphthene	3700		200	330	430	ug/Kg
51-28-5	2,4-Dinitrophenol	5000		450	680	830	ug/Kg
100-02-7	4-Nitrophenol	7600	E	290	680	830	ug/Kg
132-64-9	Dibenzofuran	3800		190	330	430	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	7800		480	330	860	ug/Kg
121-14-2	2,4-Dinitrotoluene	4000		250	330	430	ug/Kg
84-66-2	Diethylphthalate	3700		220	330	430	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3900		230	330	430	ug/Kg
86-73-7	Fluorene	3900		210	330	430	ug/Kg
100-01-6	4-Nitroaniline	3600		260	330	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3300		220	680	830	ug/Kg
86-30-6	n-Nitrosodiphenylamine	3900		230	330	430	ug/Kg
103-33-3	Azobenzene	3600		190	330	430	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4100		250	330	430	ug/Kg
118-74-1	Hexachlorobenzene	4000		250	330	430	ug/Kg
1912-24-9	Atrazine	4400		240	330	430	ug/Kg
87-86-5	Pentachlorophenol	8000	E	280	680	830	ug/Kg
85-01-8	Phenanthrene	4000		230	330	430	ug/Kg
120-12-7	Anthracene	4000		260	330	430	ug/Kg
86-74-8	Carbazole	3900		210	330	430	ug/Kg
84-74-2	Di-n-butylphthalate	3800		260	330	430	ug/Kg
206-44-0	Fluoranthene	4200		240	330	430	ug/Kg

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240768-AMENDED-COMP-39N-N-3-03MSD	SDG No.:	BP022024
Lab Sample ID:	P1523-10MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	60.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019792.D	1	2/20/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	4300		490	680	830	ug/Kg
129-00-0	Pyrene	3500		210	330	430	ug/Kg
85-68-7	Butylbenzylphthalate	3300		260	330	430	ug/Kg
91-94-1	3,3-Dichlorobenzidine	3800		410	680	830	ug/Kg
56-55-3	Benzo(a)anthracene	4100		210	330	430	ug/Kg
218-01-9	Chrysene	4000		220	330	430	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3000		290	330	430	ug/Kg
117-84-0	Di-n-octyl phthalate	3100		310	680	830	ug/Kg
205-99-2	Benzo(b)fluoranthene	3900		200	330	430	ug/Kg
207-08-9	Benzo(k)fluoranthene	3900		220	330	430	ug/Kg
50-32-8	Benzo(a)pyrene	4000		240	330	430	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4000		270	330	430	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3900		240	330	430	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3700		230	330	430	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	4200		230	330	430	ug/Kg
123-91-1	1,4-Dioxane	3300		290	330	430	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4300		210	330	430	ug/Kg
90-12-0	1-Methylnaphthalene	3600		230	430	430	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	40.8		18-112		27	SPK: -150
13127-88-3	Phenol-d6	65.592		15-107		44	SPK: -150
4165-60-0	Nitrobenzene-d5	77.445		18-107		77	SPK: -100
321-60-8	2-Fluorobiphenyl	73.189		20-109		73	SPK: -100
118-79-6	2,4,6-Tribromophenol	27.176		10-110		18	SPK: -150
1718-51-0	Terphenyl-d14	62.317		14-112		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72002	7.899				
1146-65-2	Naphthalene-d8	248127	10.699				
15067-26-2	Acenaphthene-d10	153687	14.534				
1517-22-2	Phenanthrene-d10	320464	17.292				
1719-03-5	Chrysene-d12	368987	21.38				
1520-96-3	Perylene-d12	469111	23.798				



Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240768-AMENDED-COMP-39N-N-3-03MSD	SDG No.:	BP022024
Lab Sample ID:	P1523-10MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	60.4
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019792.D	1	2/20/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240766-AMENDED-COMP-39N-N-3-01	SDG No.:	BP022024
Lab Sample ID:	P1523-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	58.5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019793.D	1	2/20/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	190	U	190	650	790	ug/Kg
110-86-1	Pyridine	170	U	170	310	410	ug/Kg
100-52-7	Benzaldehyde	360	U	360	650	790	ug/Kg
62-53-3	Aniline	280	U	280	310	410	ug/Kg
108-95-2	Phenol	180	U	180	310	410	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	220	U	220	310	410	ug/Kg
95-57-8	2-Chlorophenol	170	U	170	310	410	ug/Kg
95-50-1	1,2-Dichlorobenzene	200	U	200	310	410	ug/Kg
541-73-1	1,3-Dichlorobenzene	210	U	210	310	410	ug/Kg
106-46-7	1,4-Dichlorobenzene	200	U	200	310	410	ug/Kg
100-51-6	Benzyl Alcohol	240	U	240	650	790	ug/Kg
95-48-7	2-Methylphenol	270	U	270	310	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	250	U	250	310	410	ug/Kg
98-86-2	Acetophenone	210	U	210	310	410	ug/Kg
65794-96-9	3+4-Methylphenols	260	U	260	650	790	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	140	U	140	190	190	ug/Kg
67-72-1	Hexachloroethane	180	U	180	310	410	ug/Kg
98-95-3	Nitrobenzene	180	U	180	310	410	ug/Kg
78-59-1	Isophorone	160	U	160	310	410	ug/Kg
88-75-5	2-Nitrophenol	230	U	230	310	410	ug/Kg
105-67-9	2,4-Dimethylphenol	240	U	240	310	410	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	270	U	270	310	410	ug/Kg
120-83-2	2,4-Dichlorophenol	190	U	190	310	410	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	190	U	190	310	410	ug/Kg
65-85-0	Benzoic acid	510	U	510	650	790	ug/Kg
91-20-3	Naphthalene	200	U	200	310	410	ug/Kg
106-47-8	4-Chloroaniline	250	U	250	310	410	ug/Kg
87-68-3	Hexachlorobutadiene	200	U	200	310	410	ug/Kg
105-60-2	Caprolactam	280	U	280	650	790	ug/Kg
59-50-7	4-Chloro-3-methylphenol	200	U	200	310	410	ug/Kg
91-57-6	2-Methylnaphthalene	230	U	230	310	410	ug/Kg

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240766-AMENDED-COMP-39N-N-3-01	SDG No.:	BP022024
Lab Sample ID:	P1523-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	58.5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019793.D	1	2/20/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	500	U	500	650	790	ug/Kg
88-06-2	2,4,6-Trichlorophenol	190	U	190	310	410	ug/Kg
95-95-4	2,4,5-Trichlorophenol	210	U	210	310	410	ug/Kg
92-52-4	1,1-Biphenyl	220	U	220	310	410	ug/Kg
91-58-7	2-Chloronaphthalene	200	U	200	310	410	ug/Kg
88-74-4	2-Nitroaniline	240	U	240	310	410	ug/Kg
131-11-3	Dimethylphthalate	210	U	210	310	410	ug/Kg
208-96-8	Acenaphthylene	210	U	210	310	410	ug/Kg
606-20-2	2,6-Dinitrotoluene	220	U	220	310	410	ug/Kg
99-09-2	3-Nitroaniline	220	U	220	310	410	ug/Kg
83-32-9	Acenaphthene	190	U	190	310	410	ug/Kg
Total PAH	Total PAH	3450	U	3450	310	6560	ug/Kg
51-28-5	2,4-Dinitrophenol	430	U	430	650	790	ug/Kg
100-02-7	4-Nitrophenol	270	U	270	650	790	ug/Kg
132-64-9	Dibenzofuran	180	U	180	310	410	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	460	U	460	310	820	ug/Kg
121-14-2	2,4-Dinitrotoluene	240	U	240	310	410	ug/Kg
84-66-2	Diethylphthalate	210	U	210	310	410	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	220	U	220	310	410	ug/Kg
86-73-7	Fluorene	200	U	200	310	410	ug/Kg
100-01-6	4-Nitroaniline	250	U	250	310	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	210	U	210	650	790	ug/Kg
86-30-6	n-Nitrosodiphenylamine	220	U	220	310	410	ug/Kg
103-33-3	Azobenzene	180	U	180	310	410	ug/Kg
101-55-3	4-Bromophenyl-phenylether	230	U	230	310	410	ug/Kg
118-74-1	Hexachlorobenzene	240	U	240	310	410	ug/Kg
1912-24-9	Atrazine	230	U	230	310	410	ug/Kg
87-86-5	Pentachlorophenol	270	U	270	650	790	ug/Kg
85-01-8	Phenanthrene	220	U	220	310	410	ug/Kg
120-12-7	Anthracene	250	U	250	310	410	ug/Kg
86-74-8	Carbazole	200	U	200	310	410	ug/Kg
84-74-2	Di-n-butylphthalate	250	U	250	310	410	ug/Kg
206-44-0	Fluoranthene	230	U	230	310	410	ug/Kg

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240766-AMENDED-COMP-39N-N-3-01	SDG No.:	BP022024
Lab Sample ID:	P1523-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	58.5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019793.D	1	2/20/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	460	U	460	650	790	ug/Kg
129-00-0	Pyrene	200	U	200	310	410	ug/Kg
85-68-7	Butylbenzylphthalate	250	U	250	310	410	ug/Kg
91-94-1	3,3-Dichlorobenzidine	390	U	390	650	790	ug/Kg
56-55-3	Benzo(a)anthracene	200	U	200	310	410	ug/Kg
218-01-9	Chrysene	210	U	210	310	410	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	280	U	280	310	410	ug/Kg
117-84-0	Di-n-octyl phthalate	300	U	300	650	790	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	U	190	310	410	ug/Kg
207-08-9	Benzo(k)fluoranthene	210	U	210	310	410	ug/Kg
50-32-8	Benzo(a)pyrene	230	U	230	310	410	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260	U	260	310	410	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	230	U	230	310	410	ug/Kg
191-24-2	Benzo(g,h,i)perylene	220	U	220	310	410	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	210	U	210	310	410	ug/Kg
123-91-1	1,4-Dioxane	280	U	280	310	410	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	200	U	200	310	410	ug/Kg
90-12-0	1-Methylnaphthalene	220	U	220	410	410	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	57.249		18-112		38	SPK: -150
13127-88-3	Phenol-d6	71.081		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	54.929		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	50.438		20-109		50	SPK: -100
118-79-6	2,4,6-Tribromophenol	50.923		10-110		34	SPK: -150
1718-51-0	Terphenyl-d14	62.05		14-112		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63232	7.893				
1146-65-2	Naphthalene-d8	244559	10.699				
15067-26-2	Acenaphthene-d10	183775	14.534				
1517-22-2	Phenanthrene-d10	470234	17.286				
1719-03-5	Chrysene-d12	475962	21.38				
1520-96-3	Perylene-d12	526197	23.798				

**Report of Analysis**

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240766-AMENDED-COMP-39N-N-3-01	SDG No.:	BP022024
Lab Sample ID:	P1523-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	58.5
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019793.D	1	2/20/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
001569-50-2	3-Penten-2-ol	9600	J			3.128	
001115-11-3	2-Butenal, 2-methyl-	230	J			3.746	
000556-82-1	Prenol	980	J			4.069	
034314-83-5	Furan, 2,3-dihydro-4-methyl-	290	J			4.246	
	unknown4.452	350	J			4.452	
000108-11-2	2-Pentanol, 4-methyl-	1300	J			4.64	
	unknown4.693	860	J			4.693	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5000	A			5.016	
	unknown6.099	220	J			6.099	
	unknown6.722	260	J			6.722	
	unknown7.593	320	J			7.593	
020019-64-1	2(5H)-Furanone, 5,5-dimethyl-	220	J			8.14	
	unknown8.869	320	J			8.869	
000292-45-5	1,2,4,6-Tetrathiepane	4700	J			9.428	
000291-22-5	1,2,4,5-Tetrathiane	400	J			13.298	
013882-12-7	S-Methyl methanethiosulfinate	280	J			14.451	
013798-23-7	Hexathiane	350	J			15.145	
000292-46-6	Lenthionine	860	J			16.263	
	unknown17.057	340	J			17.057	
000295-65-8	Cyclohexadecane	410	J			21.104	

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240767-AMENDED-COMP-39N-N-3-02	SDG No.:	BP022024
Lab Sample ID:	P1523-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	59.7
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019794.D	1	2/20/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	190	U	190	670	820	ug/Kg
110-86-1	Pyridine	180	U	180	320	420	ug/Kg
100-52-7	Benzaldehyde	370	U	370	670	820	ug/Kg
62-53-3	Aniline	290	U	290	320	420	ug/Kg
108-95-2	Phenol	180	U	180	320	420	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	220	U	220	320	420	ug/Kg
95-57-8	2-Chlorophenol	180	U	180	320	420	ug/Kg
95-50-1	1,2-Dichlorobenzene	200	U	200	320	420	ug/Kg
541-73-1	1,3-Dichlorobenzene	220	U	220	320	420	ug/Kg
106-46-7	1,4-Dichlorobenzene	200	U	200	320	420	ug/Kg
100-51-6	Benzyl Alcohol	240	U	240	670	820	ug/Kg
95-48-7	2-Methylphenol	280	U	280	320	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	260	U	260	320	420	ug/Kg
98-86-2	Acetophenone	210	U	210	320	420	ug/Kg
65794-96-9	3+4-Methylphenols	270	U	270	670	820	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	150	U	150	200	200	ug/Kg
67-72-1	Hexachloroethane	180	U	180	320	420	ug/Kg
98-95-3	Nitrobenzene	190	U	190	320	420	ug/Kg
78-59-1	Isophorone	170	U	170	320	420	ug/Kg
88-75-5	2-Nitrophenol	240	U	240	320	420	ug/Kg
105-67-9	2,4-Dimethylphenol	250	U	250	320	420	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	280	U	280	320	420	ug/Kg
120-83-2	2,4-Dichlorophenol	190	U	190	320	420	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	190	U	190	320	420	ug/Kg
65-85-0	Benzoic acid	530	U	530	670	820	ug/Kg
91-20-3	Naphthalene	200	U	200	320	420	ug/Kg
106-47-8	4-Chloroaniline	260	U	260	320	420	ug/Kg
87-68-3	Hexachlorobutadiene	210	U	210	320	420	ug/Kg
105-60-2	Caprolactam	290	U	290	670	820	ug/Kg
59-50-7	4-Chloro-3-methylphenol	200	U	200	320	420	ug/Kg
91-57-6	2-Methylnaphthalene	230	U	230	320	420	ug/Kg

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240767-AMENDED-COMP-39N-N-3-02	SDG No.:	BP022024
Lab Sample ID:	P1523-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	59.7
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019794.D	1	2/20/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	520	U	520	670	820	ug/Kg
88-06-2	2,4,6-Trichlorophenol	190	U	190	320	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	220	U	220	320	420	ug/Kg
92-52-4	1,1-Biphenyl	230	U	230	320	420	ug/Kg
91-58-7	2-Chloronaphthalene	210	U	210	320	420	ug/Kg
88-74-4	2-Nitroaniline	250	U	250	320	420	ug/Kg
131-11-3	Dimethylphthalate	220	U	220	320	420	ug/Kg
208-96-8	Acenaphthylene	220	U	220	320	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	220	U	220	320	420	ug/Kg
99-09-2	3-Nitroaniline	230	U	230	320	420	ug/Kg
83-32-9	Acenaphthene	200	U	200	320	420	ug/Kg
Total PAH	Total PAH	3550	U	3550	320	6720	ug/Kg
51-28-5	2,4-Dinitrophenol	450	U	450	670	820	ug/Kg
100-02-7	4-Nitrophenol	280	U	280	670	820	ug/Kg
132-64-9	Dibenzofuran	190	U	190	320	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	250	U	250	320	420	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	470	U	470	320	840	ug/Kg
84-66-2	Diethylphthalate	210	U	210	320	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	220	U	220	320	420	ug/Kg
86-73-7	Fluorene	210	U	210	320	420	ug/Kg
100-01-6	4-Nitroaniline	260	U	260	320	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	220	U	220	670	820	ug/Kg
86-30-6	n-Nitrosodiphenylamine	230	U	230	320	420	ug/Kg
103-33-3	Azobenzene	180	U	180	320	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	240	U	240	320	420	ug/Kg
118-74-1	Hexachlorobenzene	240	U	240	320	420	ug/Kg
1912-24-9	Atrazine	240	U	240	320	420	ug/Kg
87-86-5	Pentachlorophenol	270	U	270	670	820	ug/Kg
85-01-8	Phenanthrene	230	U	230	320	420	ug/Kg
120-12-7	Anthracene	250	U	250	320	420	ug/Kg
86-74-8	Carbazole	210	U	210	320	420	ug/Kg
84-74-2	Di-n-butylphthalate	260	U	260	320	420	ug/Kg
206-44-0	Fluoranthene	230	U	230	320	420	ug/Kg

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240767-AMENDED-COMP-39N-N-3-02	SDG No.:	BP022024
Lab Sample ID:	P1523-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	59.7
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019794.D	1	2/20/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	480	U	480	670	820	ug/Kg
129-00-0	Pyrene	210	U	210	320	420	ug/Kg
85-68-7	Butylbenzylphthalate	250	U	250	320	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	400	U	400	670	820	ug/Kg
56-55-3	Benzo(a)anthracene	210	U	210	320	420	ug/Kg
218-01-9	Chrysene	210	U	210	320	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	280	U	280	320	420	ug/Kg
117-84-0	Di-n-octyl phthalate	300	U	300	670	820	ug/Kg
205-99-2	Benzo(b)fluoranthene	200	U	200	320	420	ug/Kg
207-08-9	Benzo(k)fluoranthene	220	U	220	320	420	ug/Kg
50-32-8	Benzo(a)pyrene	230	U	230	320	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260	U	260	320	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	240	U	240	320	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	230	U	230	320	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	220	320	420	ug/Kg
123-91-1	1,4-Dioxane	290	U	290	320	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	210	U	210	320	420	ug/Kg
90-12-0	1-Methylnaphthalene	220	U	220	420	420	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	48.671		18-112		32	SPK: -150
13127-88-3	Phenol-d6	58.887		15-107		39	SPK: -150
4165-60-0	Nitrobenzene-d5	54.411		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	48.182		20-109		48	SPK: -100
118-79-6	2,4,6-Tribromophenol	45.857		10-110		31	SPK: -150
1718-51-0	Terphenyl-d14	52.487		14-112		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63064	7.893				
1146-65-2	Naphthalene-d8	227689	10.699				
15067-26-2	Acenaphthene-d10	161885	14.528				
1517-22-2	Phenanthrene-d10	391560	17.287				
1719-03-5	Chrysene-d12	442373	21.38				
1520-96-3	Perylene-d12	499270	23.798				

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240767-AMENDED-COMP-39N-N-3-02	SDG No.:	BP022024
Lab Sample ID:	P1523-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	59.7
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019794.D	1	2/20/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
001569-50-2	3-Penten-2-ol	9700	J			3.128	
001115-11-3	2-Butenal, 2-methyl-	260	J			3.746	
004675-87-0	2-Buten-1-ol, 2-methyl-	960	J			4.07	
000107-86-8	2-Butenal, 3-methyl-	270	J			4.246	
018163-57-0	Silane, trichloro(2-methyl-2-buten	300	J			4.305	
	unknown4.452	330	J			4.452	
000108-11-2	2-Pentanol, 4-methyl-	1300	J			4.64	
	unknown4.693	890	J			4.693	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6400	A			5.017	
	unknown6.099	220	J			6.099	
	unknown6.722	250	J			6.722	
	unknown7.593	320	J			7.593	
	unknown8.863	260	J			8.863	
000452-86-8	1,2-Benzenediol, 4-methyl-	4500	J			9.428	
	unknown13.299	370	J			13.299	
	unknown14.451	230	J			14.451	
013798-23-7	Hexathiane	240	J			15.14	
000292-46-6	Lenthionine	620	J			16.263	
	unknown17.063	330	J			17.063	
959092-08-1	Pentafluoropropionic acid, pentade	320	J			21.098	

Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	ETGI-343	SDG No.:	BP022024
Lab Sample ID:	P1514-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019795.D	1	2/20/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.6	U	55.6	190	240	ug/Kg
110-86-1	Pyridine	52	U	52	93.4	120	ug/Kg
100-52-7	Benzaldehyde	110	U	110	190	240	ug/Kg
62-53-3	Aniline	84.1	U	84.1	93.4	120	ug/Kg
108-95-2	Phenol	53.5	U	53.5	93.4	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	64.5	U	64.5	93.4	120	ug/Kg
95-57-8	2-Chlorophenol	51.7	U	51.7	93.4	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.7	U	58.7	93.4	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	63.6	U	63.6	93.4	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59.2	U	59.2	93.4	120	ug/Kg
100-51-6	Benzyl Alcohol	71	U	71	190	240	ug/Kg
95-48-7	2-Methylphenol	81.9	U	81.9	93.4	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	75.5	U	75.5	93.4	120	ug/Kg
98-86-2	Acetophenone	62.3	U	62.3	93.4	120	ug/Kg
65794-96-9	3+4-Methylphenols	77.6	U	77.6	190	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.4	U	42.4	57.5	57.5	ug/Kg
67-72-1	Hexachloroethane	52.9	U	52.9	93.4	120	ug/Kg
98-95-3	Nitrobenzene	54	U	54	93.4	120	ug/Kg
78-59-1	Isophorone	48.9	U	48.9	93.4	120	ug/Kg
88-75-5	2-Nitrophenol	68.3	U	68.3	93.4	120	ug/Kg
105-67-9	2,4-Dimethylphenol	71.6	U	71.6	93.4	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	80.5	U	80.5	93.4	120	ug/Kg
120-83-2	2,4-Dichlorophenol	56.1	U	56.1	93.4	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.7	U	55.7	93.4	120	ug/Kg
65-85-0	Benzoic acid	150	U	150	190	240	ug/Kg
91-20-3	Naphthalene	58.5	U	58.5	93.4	120	ug/Kg
106-47-8	4-Chloroaniline	75.5	U	75.5	93.4	120	ug/Kg
87-68-3	Hexachlorobutadiene	60.4	U	60.4	93.4	120	ug/Kg
105-60-2	Caprolactam	84.1	U	84.1	190	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59.3	U	59.3	93.4	120	ug/Kg
91-57-6	2-Methylnaphthalene	68.2	U	68.2	93.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	ETGI-343	SDG No.:	BP022024
Lab Sample ID:	P1514-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019795.D	1	2/20/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	150	U	150	190	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55.4	U	55.4	93.4	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	63.2	U	63.2	93.4	120	ug/Kg
92-52-4	1,1-Biphenyl	65.6	U	65.6	93.4	120	ug/Kg
91-58-7	2-Chloronaphthalene	60.8	U	60.8	93.4	120	ug/Kg
88-74-4	2-Nitroaniline	71.4	U	71.4	93.4	120	ug/Kg
131-11-3	Dimethylphthalate	63.9	U	63.9	93.4	120	ug/Kg
208-96-8	Acenaphthylene	63.5	U	63.5	93.4	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	64.7	U	64.7	93.4	120	ug/Kg
99-09-2	3-Nitroaniline	67.1	U	67.1	93.4	120	ug/Kg
83-32-9	Acenaphthene	57.7	U	57.7	93.4	120	ug/Kg
Total PAH	Total PAH	2790	U	1032.8	93.4	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	190	240	ug/Kg
100-02-7	4-Nitrophenol	81.9	U	81.9	190	240	ug/Kg
132-64-9	Dibenzofuran	55.3	U	55.3	93.4	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	71.8	U	71.8	93.4	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	36.5	U	136.5	93.4	240	ug/Kg
84-66-2	Diethylphthalate	61.7	U	61.7	93.4	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	65	U	65	93.4	120	ug/Kg
86-73-7	Fluorene	60.9	U	60.9	93.4	120	ug/Kg
100-01-6	4-Nitroaniline	74.7	U	74.7	93.4	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	63.1	U	63.1	190	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	67.1	U	67.1	93.4	120	ug/Kg
103-33-3	Azobenzene	52.8	U	52.8	93.4	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	70	U	70	93.4	120	ug/Kg
118-74-1	Hexachlorobenzene	71	U	71	93.4	120	ug/Kg
1912-24-9	Atrazine	68.6	U	68.6	93.4	120	ug/Kg
87-86-5	Pentachlorophenol	79.8	U	79.8	190	240	ug/Kg
85-01-8	Phenanthrene	280		66.6	93.4	120	ug/Kg
120-12-7	Anthracene	73.3	U	73.3	93.4	120	ug/Kg
86-74-8	Carbazole	61	U	61	93.4	120	ug/Kg
84-74-2	Di-n-butylphthalate	74.7	U	74.7	93.4	120	ug/Kg
206-44-0	Fluoranthene	590		67.8	93.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	ETGI-343	SDG No.:	BP022024
Lab Sample ID:	P1514-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019795.D	1	2/20/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	140	U	140	190	240	ug/Kg
129-00-0	Pyrene	420		60.2	93.4	120	ug/Kg
85-68-7	Butylbenzylphthalate	74	U	74	93.4	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	190	240	ug/Kg
56-55-3	Benzo(a)anthracene	270		60.3	93.4	120	ug/Kg
218-01-9	Chrysene	280		62.4	93.4	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	82.7	U	82.7	93.4	120	ug/Kg
117-84-0	Di-n-octyl phthalate	88.4	U	88.4	190	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	360		57.7	93.4	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	120		63.3	93.4	120	ug/Kg
50-32-8	Benzo(a)pyrene	240		67.8	93.4	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	76.9	93.4	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	69.4	U	69.4	93.4	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120		66.5	93.4	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64.3	U	64.3	93.4	120	ug/Kg
123-91-1	1,4-Dioxane	84.1	U	84.1	93.4	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	59.6	U	59.6	93.4	120	ug/Kg
90-12-0	1-Methylnaphthalene	64.8	U	64.8	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.701		18-112		64	SPK: -150
13127-88-3	Phenol-d6	88.357		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	63.654		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	60.475		20-109		60	SPK: -100
118-79-6	2,4,6-Tribromophenol	131.496		10-110		88	SPK: -150
1718-51-0	Terphenyl-d14	64.644		14-112		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67409	7.898				
1146-65-2	Naphthalene-d8	237590	10.692				
15067-26-2	Acenaphthene-d10	163406	14.533				
1517-22-2	Phenanthrene-d10	396018	17.286				
1719-03-5	Chrysene-d12	444019	21.38				
1520-96-3	Perylene-d12	501966	23.798				



Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	ETGI-343	SDG No.:	BP022024
Lab Sample ID:	P1514-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019795.D	1	2/20/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	350	A			5.016	
000057-10-3	n-Hexadecanoic acid	260	J			18.186	
000203-64-5	4H-Cyclopenta[def]phenanthrene	83.8	J			18.345	
000295-65-8	Cyclohexadecane	99.7	J			21.104	
000192-97-2	Benzo[e]pyrene	210	J			23.58	

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	IDW-20240215	SDG No.:	BP022024
Lab Sample ID:	P1528-01	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019796.D	1	2/19/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	43.5	J	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	IDW-20240215	SDG No.:	BP022024
Lab Sample ID:	P1528-01	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019796.D	1	2/19/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	IDW-20240215	SDG No.:	BP022024
Lab Sample ID:	P1528-01	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019796.D	1	2/19/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	121.486		10-139		81	SPK: -150
13127-88-3	Phenol-d6	98.572		10-134		66	SPK: -150
4165-60-0	Nitrobenzene-d5	91.154		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	86.322		52-132		86	SPK: -100
118-79-6	2,4,6-Tribromophenol	190.363		32-145		127	SPK: -150
1718-51-0	Terphenyl-d14	80.469		36-145		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57736	7.893				
1146-65-2	Naphthalene-d8	204805	10.693				
15067-26-2	Acenaphthene-d10	142900	14.534				
1517-22-2	Phenanthrene-d10	358500	17.286				
1719-03-5	Chrysene-d12	428636	21.38				
1520-96-3	Perylene-d12	484370	23.792				

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	IDW-20240215	SDG No.:	BP022024
Lab Sample ID:	P1528-01	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019796.D	1	2/19/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB159144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	1/31/2024 12:00:00 AM
Project:		Date Received:	1/31/2024 12:00:00 AM
Client Sample ID:	EB-3-2-4	SDG No.:	BP022024
Lab Sample ID:	P1141-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019797.D	1	2/5/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB158822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.3	U	86.3	300	370	ug/Kg
110-86-1	Pyridine	80.8	U	80.8	150	190	ug/Kg
100-52-7	Benzaldehyde	170	U	170	300	370	ug/Kg
62-53-3	Aniline	130	U	130	150	190	ug/Kg
108-95-2	Phenol	83	U	83	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	150	190	ug/Kg
95-57-8	2-Chlorophenol	80.3	U	80.3	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	91.2	U	91.2	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	98.8	U	98.8	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	92	U	92	150	190	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	300	370	ug/Kg
95-48-7	2-Methylphenol	130	U	130	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	150	190	ug/Kg
98-86-2	Acetophenone	96.8	U	96.8	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	65.8	U	65.8	89.3	89.3	ug/Kg
67-72-1	Hexachloroethane	82.1	U	82.1	150	190	ug/Kg
98-95-3	Nitrobenzene	83.9	U	83.9	150	190	ug/Kg
78-59-1	Isophorone	76	U	76	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	87.2	U	87.2	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	86.5	U	86.5	150	190	ug/Kg
65-85-0	Benzoic acid	240	U	240	300	370	ug/Kg
91-20-3	Naphthalene	90.8	U	90.8	150	190	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	93.7	U	93.7	150	190	ug/Kg
105-60-2	Caprolactam	130	U	130	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	92.1	U	92.1	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	1/31/2024 12:00:00 AM
Project:		Date Received:	1/31/2024 12:00:00 AM
Client Sample ID:	EB-3-2-4	SDG No.:	BP022024
Lab Sample ID:	P1141-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019797.D	1	2/5/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB158822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	230	U	230	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	86	U	86	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	98.1	U	98.1	150	190	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	94.4	U	94.4	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	99.2	U	99.2	150	190	ug/Kg
208-96-8	Acenaphthylene	98.7	U	98.7	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	89.6	U	89.6	150	190	ug/Kg
Total PAH	Total PAH	1690	U	1605.5	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	85.8	U	85.8	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	150	190	ug/Kg
84-66-2	Diethylphthalate	95.9	U	95.9	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	190	ug/Kg
86-73-7	Fluorene	94.6	U	94.6	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	98	U	98	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	150	190	ug/Kg
103-33-3	Azobenzene	82	U	82	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	150	190	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	150	190	ug/Kg
1912-24-9	Atrazine	110	U	110	150	190	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	300	370	ug/Kg
85-01-8	Phenanthrene	180	J	100	150	190	ug/Kg
120-12-7	Anthracene	110	U	110	150	190	ug/Kg
86-74-8	Carbazole	94.7	U	94.7	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	270		120	150	190	ug/Kg
206-44-0	Fluoranthene	370		110	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	1/31/2024 12:00:00 AM
Project:		Date Received:	1/31/2024 12:00:00 AM
Client Sample ID:	EB-3-2-4	SDG No.:	BP022024
Lab Sample ID:	P1141-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019797.D	1	2/5/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB158822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	220	U	220	300	370	ug/Kg
129-00-0	Pyrene	300		93.4	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	180	U	180	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	180	J	93.6	150	190	ug/Kg
218-01-9	Chrysene	170	J	96.9	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	210		89.6	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	98.3	U	98.3	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	170	J	110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	100	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	99.8	U	99.8	150	190	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	92.5	U	92.5	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	72.642		18-112		48	SPK: -150
13127-88-3	Phenol-d6	69.991		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	46.322		18-107		46	SPK: -100
321-60-8	2-Fluorobiphenyl	42.923		20-109		43	SPK: -100
118-79-6	2,4,6-Tribromophenol	94.449		10-110		63	SPK: -150
1718-51-0	Terphenyl-d14	43.192		14-112		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82876	7.899				
1146-65-2	Naphthalene-d8	310865	10.693				
15067-26-2	Acenaphthene-d10	208456	14.528				
1517-22-2	Phenanthrene-d10	495963	17.286				
1719-03-5	Chrysene-d12	521609	21.38				
1520-96-3	Perylene-d12	589401	23.798				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	1/31/2024 12:00:00 AM
Project:		Date Received:	1/31/2024 12:00:00 AM
Client Sample ID:	EB-3-2-4	SDG No.:	BP022024
Lab Sample ID:	P1141-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019797.D	1	2/5/2024 12:00:00 AM	2/20/2024 12:00:00 AM	PB158822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	110	J			17.886	
000057-10-3	n-Hexadecanoic acid	240	J			18.18	
	unknown18.345	120	J			18.345	
074472-34-7	2,3,4,5-Tetrachloro-1,1-biphenyl	93	J			19.174	
1000282-98-2	Dichloroacetic acid, heptadecyl es	200	J			21.098	

Hit Summary Sheet

SW-846

SDG No.: BP022024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : EB-3-2-4								
P1141-05	EB-3-2-4	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	110.000	J		
P1141-05	EB-3-2-4	Solid	2,3,4,5-Tetrachloro-1,1-biphenyl	*	93.000	J		
P1141-05	EB-3-2-4	Solid	Dichloroacetic acid, heptadecyl es	*	200.000	J		
P1141-05	EB-3-2-4	Solid	n-Hexadecanoic acid	*	240.000	J		
P1141-05	EB-3-2-4	Solid	unknown18.345	*	120.000	J		
Total Tics :					763.00			
P1141-05	EB-3-2-4	Solid	Benzo(a)anthracene		180.000	J	93.6	190 ug/Kg
P1141-05	EB-3-2-4	Solid	Benzo(a)pyrene		170.000	J	110	190 ug/Kg
P1141-05	EB-3-2-4	Solid	Benzo(b)fluoranthene		210.000		89.6	190 ug/Kg
P1141-05	EB-3-2-4	Solid	Benzo(g,h,i)perylene		110.000	J	100	190 ug/Kg
P1141-05	EB-3-2-4	Solid	Chrysene		170.000	J	96.9	190 ug/Kg
P1141-05	EB-3-2-4	Solid	Di-n-butylphthalate		270.000		120	190 ug/Kg
P1141-05	EB-3-2-4	Solid	Fluoranthene		370.000		110	190 ug/Kg
P1141-05	EB-3-2-4	Solid	Phenanthrene		180.000	J	100	190 ug/Kg
P1141-05	EB-3-2-4	Solid	Pyrene		300.000		93.4	190 ug/Kg
Total Svoc :					1,960.00			
Total Concentration:					2,723.00			
Client ID : 20240762-39N-N-FIELD-BLANK-1								
P1462-01	20240762-39N-N-FIELD	Water	(Z)-Docos-9-enenitrile	*	15.100	J		
P1462-01	20240762-39N-N-FIELD	Water	13-Docosenamide, (Z)-	*	49.800	J		
P1462-01	20240762-39N-N-FIELD	Water	4-Tetradecyne	*	4.300	J		
P1462-01	20240762-39N-N-FIELD	Water	9-Octadecenamide, (Z)-	*	290.000	J		
P1462-01	20240762-39N-N-FIELD	Water	9-Octadecenitrile, (Z)-	*	36.300	J		
P1462-01	20240762-39N-N-FIELD	Water	cis-Vaccenic acid	*	5.000	J		
P1462-01	20240762-39N-N-FIELD	Water	Hexadecanamide	*	6.800	J		
P1462-01	20240762-39N-N-FIELD	Water	n-Hexadecanoic acid	*	7.600	J		
P1462-01	20240762-39N-N-FIELD	Water	Octadecanoic acid	*	5.200	J		
P1462-01	20240762-39N-N-FIELD	Water	Palmitoleamide	*	4.600	J		
P1462-01	20240762-39N-N-FIELD	Water	Tetradecanamide	*	20.900	J		
Total Tics :					445.60			
Total Concentration:					445.60			
Client ID : WC-2DDL								
P1505-13DL	WC-2DDL	Solid	Benzo(a)anthracene		1,700.000	D	280	570 ug/Kg
P1505-13DL	WC-2DDL	Solid	Benzo(a)pyrene		1,600.000	D	320	570 ug/Kg
P1505-13DL	WC-2DDL	Solid	Benzo(b)fluoranthene		2,100.000	D	270	570 ug/Kg
P1505-13DL	WC-2DDL	Solid	Benzo(g,h,i)perylene		790.000	D	310	570 ug/Kg
P1505-13DL	WC-2DDL	Solid	Benzo(k)fluoranthene		710.000	D	300	570 ug/Kg
P1505-13DL	WC-2DDL	Solid	Chrysene		1,200.000	D	290	570 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP022024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1505-13DL	WC-2DDL	Solid	Fluoranthene	3,100.000	D	320	570	ug/Kg
P1505-13DL	WC-2DDL	Solid	Indeno(1,2,3-cd)pyrene	780.000	D	360	570	ug/Kg
P1505-13DL	WC-2DDL	Solid	Phenanthrene	490.000	JD	310	570	ug/Kg
P1505-13DL	WC-2DDL	Solid	Pyrene	2,200.000	D	280	570	ug/Kg
Total Svoc :				14,670.00				
Total Concentration:				14,670.00				

Client ID : ETGI-343

P1514-01	ETGI-343	Solid	2-Pentanone, 4-hydroxy-4-methyl *	350.000	A			
P1514-01	ETGI-343	Solid	4H-Cyclopenta[def]phenanthrene *	83.800	J			
P1514-01	ETGI-343	Solid	Benzo[e]pyrene *	210.000	J			
P1514-01	ETGI-343	Solid	Cyclohexadecane *	99.700	J			
P1514-01	ETGI-343	Solid	n-Hexadecanoic acid *	260.000	J			
Total Tics :				1,003.50				
P1514-01	ETGI-343	Solid	Benzo(a)anthracene	270.000		60.3	120	ug/Kg
P1514-01	ETGI-343	Solid	Benzo(a)pyrene	240.000		67.8	120	ug/Kg
P1514-01	ETGI-343	Solid	Benzo(b)fluoranthene	360.000		57.7	120	ug/Kg
P1514-01	ETGI-343	Solid	Benzo(g,h,i)perylene	120.000		66.5	120	ug/Kg
P1514-01	ETGI-343	Solid	Benzo(k)fluoranthene	120.000		63.3	120	ug/Kg
P1514-01	ETGI-343	Solid	Chrysene	280.000		62.4	120	ug/Kg
P1514-01	ETGI-343	Solid	Fluoranthene	590.000		67.8	120	ug/Kg
P1514-01	ETGI-343	Solid	Indeno(1,2,3-cd)pyrene	110.000	J	76.9	120	ug/Kg
P1514-01	ETGI-343	Solid	Phenanthrene	280.000		66.6	120	ug/Kg
P1514-01	ETGI-343	Solid	Pyrene	420.000		60.2	120	ug/Kg
Total Svoc :				2,790.00				
Total Concentration:				3,793.50				

Client ID : 20240766-AMENDED-COMP-39N-N-3-01

P1523-06	20240766-AMENDED-C Solid	1,2,4,5-Tetrathiane *	400.000	J			
P1523-06	20240766-AMENDED-C Solid	1,2,4,6-Tetrathiepane *	4,700.000	J			
P1523-06	20240766-AMENDED-C Solid	2(5H)-Furanone, 5,5-dimethyl- *	220.000	J			
P1523-06	20240766-AMENDED-C Solid	2-Butenal, 2-methyl- *	230.000	J			
P1523-06	20240766-AMENDED-C Solid	2-Pentanol, 4-methyl- *	1,300.000	J			
P1523-06	20240766-AMENDED-C Solid	2-Pentanone, 4-hydroxy-4-methyl *	5,000.000	A			
P1523-06	20240766-AMENDED-C Solid	3-Penten-2-ol *	9,600.000	J			
P1523-06	20240766-AMENDED-C Solid	Cyclohexadecane *	410.000	J			
P1523-06	20240766-AMENDED-C Solid	Furan, 2,3-dihydro-4-methyl- *	290.000	J			
P1523-06	20240766-AMENDED-C Solid	Hexathiane *	350.000	J			
P1523-06	20240766-AMENDED-C Solid	Lenthionine *	860.000	J			
P1523-06	20240766-AMENDED-C Solid	Prenol *	980.000	J			
P1523-06	20240766-AMENDED-C Solid	S-Methyl methanethiosulfinate *	280.000	J			
P1523-06	20240766-AMENDED-C Solid	unknown17.057 *	340.000	J			
P1523-06	20240766-AMENDED-C Solid	unknown4.452 *	350.000	J			

Hit Summary Sheet SW-846

SDG No.: BP022024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1523-06	20240766-AMENDED-C	Solid	unknown4.693	*	860.000	J		
P1523-06	20240766-AMENDED-C	Solid	unknown6.099	*	220.000	J		
P1523-06	20240766-AMENDED-C	Solid	unknown6.722	*	260.000	J		
P1523-06	20240766-AMENDED-C	Solid	unknown7.593	*	320.000	J		
P1523-06	20240766-AMENDED-C	Solid	unknown8.869	*	320.000	J		
Total Tics :					27,290.00			
Total Concentration:					27,290.00			
Client ID : 20240767-AMENDED-COMP-39N-N-3-02								
P1523-07	20240767-AMENDED-C	Solid	1,2-Benzenediol, 4-methyl-	*	4,500.000	J		
P1523-07	20240767-AMENDED-C	Solid	2-Buten-1-ol, 2-methyl-	*	960.000	J		
P1523-07	20240767-AMENDED-C	Solid	2-Butenal, 2-methyl-	*	260.000	J		
P1523-07	20240767-AMENDED-C	Solid	2-Butenal, 3-methyl-	*	270.000	J		
P1523-07	20240767-AMENDED-C	Solid	2-Pentanol, 4-methyl-	*	1,300.000	J		
P1523-07	20240767-AMENDED-C	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	6,400.000	A		
P1523-07	20240767-AMENDED-C	Solid	3-Penten-2-ol	*	9,700.000	J		
P1523-07	20240767-AMENDED-C	Solid	Hexathiane	*	240.000	J		
P1523-07	20240767-AMENDED-C	Solid	Lenthionine	*	620.000	J		
P1523-07	20240767-AMENDED-C	Solid	Pentafluoropropionic acid, pentad	*	320.000	J		
P1523-07	20240767-AMENDED-C	Solid	Silane, trichloro(2-methyl-2-buten	*	300.000	J		
P1523-07	20240767-AMENDED-C	Solid	unknown13.299	*	370.000	J		
P1523-07	20240767-AMENDED-C	Solid	unknown14.451	*	230.000	J		
P1523-07	20240767-AMENDED-C	Solid	unknown17.063	*	330.000	J		
P1523-07	20240767-AMENDED-C	Solid	unknown4.452	*	330.000	J		
P1523-07	20240767-AMENDED-C	Solid	unknown4.693	*	890.000	J		
P1523-07	20240767-AMENDED-C	Solid	unknown6.099	*	220.000	J		
P1523-07	20240767-AMENDED-C	Solid	unknown6.722	*	250.000	J		
P1523-07	20240767-AMENDED-C	Solid	unknown7.593	*	320.000	J		
P1523-07	20240767-AMENDED-C	Solid	unknown8.863	*	260.000	J		
Total Tics :					28,070.00			
Total Concentration:					28,070.00			
Client ID : 20240768-AMENDED-COMP-39N-N-3-03								
P1523-08	20240768-AMENDED-C	Solid	1,2,4,5-Tetrathiane	*	490.000	J		
P1523-08	20240768-AMENDED-C	Solid	1,2-Benzenediol, 4-methyl-	*	10,900.000	J		
P1523-08	20240768-AMENDED-C	Solid	1-Hexacosanol	*	410.000	J		
P1523-08	20240768-AMENDED-C	Solid	2(5H)-Furanone, 5,5-dimethyl-	*	310.000	J		
P1523-08	20240768-AMENDED-C	Solid	2-Butenal, 2-methyl-	*	320.000	J		
P1523-08	20240768-AMENDED-C	Solid	2-Butenal, 3-methyl-	*	410.000	J		
P1523-08	20240768-AMENDED-C	Solid	2-Pentanol, 4-methyl-	*	1,800.000	J		
P1523-08	20240768-AMENDED-C	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	10,900.000	A		
P1523-08	20240768-AMENDED-C	Solid	3-Penten-2-ol	*	13,700.000	J		
P1523-08	20240768-AMENDED-C	Solid	4-Chloro-3-methylbut-2-en-1-ol	*	450.000	J		

Hit Summary Sheet
SW-846

SDG No.: BP022024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1523-08	20240768-AMENDED-C Solid		Lenthionine	*	1,100.000	J		
P1523-08	20240768-AMENDED-C Solid		Prenol	*	1,400.000	J		
P1523-08	20240768-AMENDED-C Solid		unknown10.057	*	270.000	J		
P1523-08	20240768-AMENDED-C Solid		unknown11.087	*	330.000	J		
P1523-08	20240768-AMENDED-C Solid		unknown13.586	*	410.000	J		
P1523-08	20240768-AMENDED-C Solid		unknown14.457	*	410.000	J		
P1523-08	20240768-AMENDED-C Solid		unknown17.063	*	350.000	J		
P1523-08	20240768-AMENDED-C Solid		unknown4.458	*	460.000	J		
P1523-08	20240768-AMENDED-C Solid		unknown4.693	*	1,200.000	J		
P1523-08	20240768-AMENDED-C Solid		unknown8.869	*	380.000	J		
			Total Tics :		46,000.00			
P1523-08	20240768-AMENDED-C Solid		Benzoic acid		950.000	J 540	830	ug/Kg
			Total Svoc :		950.00			
			Total Concentration:		46,950.00			
Client ID : IDW-20240215								
P1528-01	IDW-20240215	water	Phenol		43.500	J 14.8	50	ug/L
			Total Svoc :		43.50			
			Total Concentration:		43.50			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP013124

SAS No.: BP013124

SDG No.: BP013124

Instrument ID: _____

Calibration Date(s): 1/31/2024 : _____

Calibration Time(s): 14:16 _____

LAB FILE ID:		RRF2.5 = BP019492.D		RRF005 = BP019493.D		RRF010 = BP019494.D		
		RRF020 = BP019495.D		RRF040 = BP019496.D		RRF050 = BP019497.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.516	0.566	0.572	0.533	0.564	0.564	5.6
Pyridine		1.249	1.307	1.308	1.208	1.300	1.296	4.0
2-Fluorophenol		1.309	1.247	1.258	1.134	1.240	1.241	4.2
Benzaldehyde		1.223	1.176	1.092	1.331	1.205	1.173	10.2
Aniline		1.612	1.686	1.659	1.555	1.549	1.626	3.5
Phenol-d6		1.662	1.730	1.703	1.589	1.621	1.673	3.2
Phenol		1.662	1.724	1.685	1.584	1.628	1.667	2.9
bis(2-Chloroethyl)ether		1.324	1.345	1.330	1.250	1.243	1.297	3.3
2-Chlorophenol		1.274	1.305	1.290	1.200	1.256	1.274	3.0
1,2-Dichlorobenzene		1.596	1.573	1.550	1.428	1.505	1.528	3.6
1,3-Dichlorobenzene		1.632	1.572	1.586	1.447	1.538	1.559	3.7
1,4-Dichlorobenzene		1.601	1.637	1.617	1.458	1.575	1.579	3.7
Benzyl Alcohol		1.272	1.401	1.364	1.309	1.282	1.337	4.0
2-Methylphenol		1.087	1.179	1.149	1.096	1.069	1.123	3.8
2,2-oxybis(1-Chloropropane)		1.298	1.380	1.346	1.276	1.230	1.297	4.4
Acetophenone		0.558	0.578	0.571	0.545	0.566	0.570	2.6
3+4-Methylphenols		1.484	1.643	1.547	1.476	1.459	1.532	4.4
n-Nitroso-di-n-propylamine	1.241	1.092	1.259	1.150	1.133	1.053	1.143	6.7
Nitrobenzene-d5		0.447	0.449	0.469	0.439	0.464	0.462	3.6
Hexachloroethane		0.634	0.607	0.636	0.580	0.607	0.612	3.2
Nitrobenzene		0.455	0.461	0.466	0.441	0.466	0.465	3.1
Isophorone		0.790	0.857	0.803	0.782	0.805	0.804	3.1
2-Nitrophenol		0.154	0.165	0.174	0.174	0.187	0.177	8.2
2,4-Dimethylphenol		0.218	0.226	0.228	0.219	0.227	0.227	2.7
bis(2-Chloroethoxy)methane		0.451	0.472	0.453	0.445	0.454	0.455	2.1
2,4-Dichlorophenol		0.333	0.336	0.343	0.330	0.349	0.343	2.9
1,2,4-Trichlorobenzene		0.445	0.404	0.422	0.397	0.421	0.420	3.7
Benzoic acid		0.183	0.202	0.212	0.222	0.236	0.221	10.7
Naphthalene		1.116	1.116	1.092	1.038	1.095	1.097	2.6
4-Chloroaniline		0.389	0.425	0.407	0.391	0.413	0.406	3.1
Hexachlorobutadiene		0.316	0.298	0.314	0.297	0.318	0.311	3.1
Caprolactam		0.094	0.107	0.093	0.088	0.110	0.097	8.6
4-Chloro-3-methylphenol		0.360	0.404	0.367	0.358	0.386	0.373	4.4
2-Methylnaphthalene		0.754	0.809	0.756	0.730	0.756	0.759	3.3
Hexachlorocyclopentadiene		0.333	0.291	0.357	0.353	0.349	0.348	8.6
2,4,6-Trichlorophenol		0.450	0.446	0.467	0.453	0.465	0.467	4.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP013124

SAS No.: BP013124

SDG No.: BP013124

Instrument ID: _____

Calibration Date(s): 1/31/2024 : _____

Calibration Time(s): 14:16 _____

LAB FILE ID:		RRF2.5 = BP019492.D		RRF005 = BP019493.D		RRF010 = BP019494.D		
		RRF020 = BP019495.D		RRF040 = BP019496.D		RRF050 = BP019497.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.632	1.560	1.655	1.557	1.553	1.618	3.7
2,4,5-Trichlorophenol		0.480	0.499	0.513	0.495	0.519	0.513	4.6
1,1-Biphenyl		1.612	1.549	1.623	1.539	1.533	1.596	3.5
2-Chloronaphthalene		1.338	1.277	1.327	1.249	1.260	1.310	3.6
2-Nitroaniline		0.330	0.345	0.363	0.349	0.387	0.366	7.4
Dimethylphthalate		1.579	1.553	1.513	1.415	1.598	1.531	3.9
Acenaphthylene		1.840	1.838	1.848	1.734	1.830	1.838	2.9
2,6-Dinitrotoluene		0.308	0.338	0.332	0.317	0.358	0.336	5.6
3-Nitroaniline		0.281	0.313	0.307	0.278	0.340	0.309	7.6
Acenaphthene		1.151	1.142	1.140	1.082	1.134	1.141	2.6
2,4-Dinitrophenol			0.147	0.155	0.158	0.201	0.175	14.1
4-Nitrophenol		0.241	0.248	0.242	0.218	0.291	0.253	10.1
Dibenzofuran		1.874	1.881	1.869	1.730	1.878	1.858	3.1
2,4-Dinitrotoluene		0.378	0.433	0.428	0.407	0.506	0.441	10.0
Diethylphthalate		1.604	1.533	1.487	1.366	1.677	1.523	6.5
4-Chlorophenyl-phenylether		0.852	0.834	0.828	0.775	0.862	0.832	3.3
Fluorene		1.520	1.476	1.469	1.365	1.541	1.480	3.8
4-Nitroaniline		0.320	0.323	0.304	0.276	0.375	0.324	10.3
4,6-Dinitro-2-methylphenol		0.090	0.096	0.107	0.115	0.126	0.114	14.8
n-Nitrosodiphenylamine		0.574	0.597	0.603	0.604	0.572	0.599	3.9
Azobenzene		1.497	1.511	1.464	1.351	1.557	1.473	4.3
2,4,6-Tribromophenol		0.281	0.283	0.282	0.269	0.328	0.292	6.9
4-Bromophenyl-phenylether		0.237	0.245	0.254	0.256	0.243	0.250	4.3
Hexachlorobenzene		0.287	0.291	0.294	0.289	0.280	0.292	3.3
Atrazine		0.229	0.213	0.206	0.191	0.201	0.199	10.1
Pentachlorophenol		0.160	0.170	0.177	0.180	0.196	0.182	7.7
Phenanthrene		1.054	1.055	1.051	0.992	1.053	1.053	2.9
Anthracene		1.044	1.051	1.046	1.001	1.057	1.050	2.5
Carbazole		0.988	0.944	0.945	0.852	0.994	0.954	5.3
Di-n-butylphthalate		1.235	1.066	1.139	1.068	1.279	1.153	6.9
Fluoranthene		1.395	1.191	1.267	1.116	1.406	1.286	8.8
Benzidine		0.391	0.697	0.250	0.378	0.460	0.418	33.1
Pyrene		1.302	1.617	1.354	1.396	1.368	1.412	8.0
Terphenyl-d14		1.146	1.343	1.164	1.214	1.209	1.216	6.2
Butylbenzylphthalate		0.508	0.517	0.524	0.525	0.562	0.527	3.6
3,3-Dichlorobenzidine		0.519	0.488	0.521	0.494	0.524	0.513	3.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP013124

SAS No.: BP013124

SDG No.: BP013124

Instrument ID: _____

Calibration Date(s): 1/31/2024 : _____

Calibration Time(s): 14:16 _____

LAB FILE ID:		RRF2.5 = BP019492.D			RRF005 = BP019493.D		RRF010 = BP019494.D	
		RRF020 = BP019495.D			RRF040 = BP019496.D		RRF050 = BP019497.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.416	1.401	1.413	1.341	1.416	1.408	2.3
Chrysene		1.336	1.325	1.348	1.271	1.333	1.337	2.6
Bis(2-ethylhexyl)phthalate		0.859	0.743	0.833	0.798	0.861	0.803	6.1
Di-n-octyl phthalate		1.480	1.234	1.502	1.419	1.492	1.412	6.6
Benzo(b)fluoranthene		1.291	1.201	1.236	1.227	1.284	1.261	3.1
Benzo(k)fluoranthene		1.196	1.204	1.218	1.131	1.243	1.204	3.1
Benzo(a)pyrene		1.105	1.105	1.111	1.074	1.140	1.122	2.8
Indeno(1,2,3-cd)pyrene		1.479	1.568	1.515	1.479	1.479	1.531	4.0
Dibenzo(a,h)anthracene		1.212	1.287	1.242	1.226	1.221	1.259	3.9
Benzo(g,h,i)perylene		1.223	1.346	1.262	1.239	1.213	1.277	4.9
1,2,4,5-Tetrachlorobenzene		0.783	0.724	0.780	0.735	0.742	0.771	5.0
1,4-Dioxane		0.522	0.477	0.493	0.420	0.493	0.478	6.5
2,3,4,6-Tetrachlorophenol		0.419	0.421	0.428	0.401	0.468	0.431	5.2
1-Methylnaphthalene		0.754	0.780	0.746	0.718	0.744	0.746	2.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BP022024 SAS No.: BP022024 SDG NO.: BP022024EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 20 2024 12:00AMLab File ID: BP019496.D Time Analyzed: 10:44Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	111500	7.916	434544	10.72	271443	14.55
	UPPER LIMIT	223000	8.416	869088	11.216	542886	15.051
	LOWER LIMIT	55750	7.416	217272	10.216	135721.5	14.051
	EPA SAMPLE NO.						
01	PB159054BL	74043	7.90	265875	10.70	169096	14.53
02	PB159054BS	73226	7.90	265593	10.70	171474	14.54
03	PB159054BSD	68963	7.90	254707	10.70	163050	14.54
04	PB159009TB	75619	7.90	263641	10.70	167961	14.53
05	PB159045TB	72842	7.90	254473	10.70	158405	14.53
06	WC-2S	60987	7.90	223347	10.70	153397	14.53
07	WC-2D	54392 *	7.90	196380 *	10.70	134955 *	14.53
08	20240762-39N-N-FIELD-BLANK-1	63713	7.90	232699	10.70	168962	14.53
09	WC-2DDL	55835	7.90	212626 *	10.70	153859	14.53
10	ETGI-343	60681	7.90	229151	10.70	164834	14.53
11	ETGI-343MS	72187	7.90	263993	10.70	183561	14.53
12	ETGI-343MSD	74100	7.90	269872	10.70	184548	14.53
13	20240768-AMENDED-COMP-39N-N-3-	65229	7.90	242796	10.70	183238	14.53
14	20240768-AMENDED-COMP-39N-N-3-	65990	7.90	238177	10.70	164393	14.53
15	20240768-AMENDED-COMP-39N-N-3-	72002	7.90	248127	10.70	153687	14.53
16	20240766-AMENDED-COMP-39N-N-3-	63232	7.89	244559	10.70	183775	14.53
17	20240767-AMENDED-COMP-39N-N-3-	63064	7.89	227689	10.70	161885	14.53
18	ETGI-343	67409	7.90	237590	10.69	163406	14.53
19	IDW-20240215	57736	7.89	204805 *	10.69	142900	14.53
20	EB-3-2-4	82876	7.90	310865	10.69	208456	14.53

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP022024 SAS No.: BP022024 SDG NO.: BP022024

EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 20 2024 12:00AM

Lab File ID: BP019496.D Time Analyzed: 21:33

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	111500	7.916	434544	10.72	271443	14.55
UPPER LIMIT	223000	8.416	869088	11.216	542886	15.051
LOWER LIMIT	55750	7.416	217272	10.216	135721.5	14.051
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BP022024 SAS No.: BP022024 SDG NO.: BP022024EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 20 2024 12:00AMLab File ID: BP019777.D Time Analyzed: 10:44Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	69961	7.904	259591	10.70	174936	14.54
	UPPER LIMIT	139922	8.404	519182	11.204	349872	15.039
	LOWER LIMIT	34980.5	7.404	129795.5	10.204	87468	14.039
	EPA SAMPLE NO.						
01	PB159054BL	74043	7.90	265875	10.70	169096	14.53
02	PB159054BS	73226	7.90	265593	10.70	171474	14.54
03	PB159054BSD	68963	7.90	254707	10.70	163050	14.54
04	PB159009TB	75619	7.90	263641	10.70	167961	14.53
05	PB159045TB	72842	7.90	254473	10.70	158405	14.53
06	WC-2S	60987	7.90	223347	10.70	153397	14.53
07	WC-2D	54392	7.90	196380	10.70	134955	14.53
08	20240762-39N-N-FIELD-BLANK-1	63713	7.90	232699	10.70	168962	14.53
09	WC-2DDL	55835	7.90	212626	10.70	153859	14.53
10	ETGI-343	60681	7.90	229151	10.70	164834	14.53
11	ETGI-343MS	72187	7.90	263993	10.70	183561	14.53
12	ETGI-343MSD	74100	7.90	269872	10.70	184548	14.53
13	20240768-AMENDED-COMP-39N-N-3-	65229	7.90	242796	10.70	183238	14.53
14	20240768-AMENDED-COMP-39N-N-3-	65990	7.90	238177	10.70	164393	14.53
15	20240768-AMENDED-COMP-39N-N-3-	72002	7.90	248127	10.70	153687	14.53
16	20240766-AMENDED-COMP-39N-N-3-	63232	7.89	244559	10.70	183775	14.53
17	20240767-AMENDED-COMP-39N-N-3-	63064	7.89	227689	10.70	161885	14.53
18	ETGI-343	67409	7.90	237590	10.69	163406	14.53
19	IDW-20240215	57736	7.89	204805	10.69	142900	14.53
20	EB-3-2-4	82876	7.90	310865	10.69	208456	14.53

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP022024 SAS No.: BP022024 SDG NO.: BP022024

EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 20 2024 12:00AM

Lab File ID: BP019777.D Time Analyzed: 21:33

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	69961	7.904	259591	10.70	174936	14.54
UPPER LIMIT	139922	8.404	519182	11.204	349872	15.039
LOWER LIMIT	34980.5	7.404	129795.5	10.204	87468	14.039
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP022024 SAS No.: BP022024 SDG NO.: BP022024

EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 20 2024 12:00AM

Lab File ID: BP019496.D Time Analyzed: 10:44

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	502273	17.304	407972	21.392	504101	23.815
UPPER LIMIT	1004546	17.804	815944	21.892	1008202	24.315
LOWER LIMIT	251136.5	16.804	203986	20.892	252050.5	23.315
EPA SAMPLE NO.						
01 PB159054BL	408657	17.30	401446	21.39	476810	23.81
02 PB159054BS	382638	17.29	371408	21.39	447089	23.81
03 PB159054BSD	373227	17.29	361121	21.39	426601	23.81
04 PB159009TB	413459	17.29	408561	21.39	494009	23.81
05 PB159045TB	365893	17.29	383662	21.39	468594	23.81
06 WC-2S	392865	17.29	426385	21.39	465819	23.81
07 WC-2D	388118	17.29	427746	21.39	467264	23.80
08 20240762-39N-N-FIELD-BLANK	421419	17.29	445798	21.39	496602	23.80
09 WC-2DDL	396111	17.29	391919	21.39	434284	23.80
10 ETGI-343	430441	17.29	487421	21.39	534183	23.80
11 ETGI-343MS	417827	17.29	448470	21.39	510753	23.80
12 ETGI-343MSD	404146	17.29	443300	21.39	513600	23.80
13 20240768-AMENDED-COMP-39N-I	452155	17.29	485131	21.38	548784	23.80
14 20240768-AMENDED-COMP-39N-I	370022	17.29	410344	21.39	497232	23.80
15 20240768-AMENDED-COMP-39N-I	320464	17.29	368987	21.38	469111	23.80
16 20240766-AMENDED-COMP-39N-I	470234	17.29	475962	21.38	526197	23.80
17 20240767-AMENDED-COMP-39N-I	391560	17.29	442373	21.38	499270	23.80
18 ETGI-343	396018	17.29	444019	21.38	501966	23.80
19 IDW-20240215	358500	17.29	428636	21.38	484370	23.79
20 EB-3-2-4	495963	17.29	521609	21.38	589401	23.80

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP022024 SAS No.: BP022024 SDG NO.: BP022024

EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 20 2024 12:00AM

Lab File ID: BP019496.D Time Analyzed: 21:33

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	502273	17.304	407972	21.392	504101	23.815
UPPER LIMIT	1004546	17.804	815944	21.892	1008202	24.315
LOWER LIMIT	251136.5	16.804	203986	20.892	252050.5	23.315
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP022024 SAS No.: BP022024 SDG NO.: BP022024

EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 20 2024 12:00AM

Lab File ID: BP019777.D Time Analyzed: 10:44

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	406149	17.298	393739	21.392	466304	23.809
UPPER LIMIT	812298	17.798	787478	21.892	932608	24.309
LOWER LIMIT	203074.5	16.798	196869.5	20.892	233152	23.309
EPA SAMPLE NO.						
01 PB159054BL	408657	17.30	401446	21.39	476810	23.81
02 PB159054BS	382638	17.29	371408	21.39	447089	23.81
03 PB159054BSD	373227	17.29	361121	21.39	426601	23.81
04 PB159009TB	413459	17.29	408561	21.39	494009	23.81
05 PB159045TB	365893	17.29	383662	21.39	468594	23.81
06 WC-2S	392865	17.29	426385	21.39	465819	23.81
07 WC-2D	388118	17.29	427746	21.39	467264	23.80
08 20240762-39N-N-FIELD-BLANK	421419	17.29	445798	21.39	496602	23.80
09 WC-2DDL	396111	17.29	391919	21.39	434284	23.80
10 ETGI-343	430441	17.29	487421	21.39	534183	23.80
11 ETGI-343MS	417827	17.29	448470	21.39	510753	23.80
12 ETGI-343MSD	404146	17.29	443300	21.39	513600	23.80
13 20240768-AMENDED-COMP-39N-I	452155	17.29	485131	21.38	548784	23.80
14 20240768-AMENDED-COMP-39N-I	370022	17.29	410344	21.39	497232	23.80
15 20240768-AMENDED-COMP-39N-I	320464	17.29	368987	21.38	469111	23.80
16 20240766-AMENDED-COMP-39N-I	470234	17.29	475962	21.38	526197	23.80
17 20240767-AMENDED-COMP-39N-I	391560	17.29	442373	21.38	499270	23.80
18 ETGI-343	396018	17.29	444019	21.38	501966	23.80
19 IDW-20240215	358500	17.29	428636	21.38	484370	23.79
20 EB-3-2-4	495963	17.29	521609	21.38	589401	23.80

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP022024 SAS No.: BP022024 SDG NO.: BP022024

EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 20 2024 12:00AM

Lab File ID: BP019777.D Time Analyzed: 21:33

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	406149	17.298	393739	21.392	466304	23.809
UPPER LIMIT	812298	17.798	787478	21.892	932608	24.309
LOWER LIMIT	203074.5	16.798	196869.5	20.892	233152	23.309
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BP022024

Client:

Analytical Method: 8270E

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB159054BS	n-Nitrosodimethylamine	50	41.1	ug/L	82					55	108
	Pyridine	50	33	ug/L	66					29	97
	Benzaldehyde	50	0	ug/L	0		*			15	121
	Aniline	50	24.2	ug/L	48					10	130
	Phenol	50	43.1	ug/L	86					66	118
	bis(2-Chloroethyl)ether	50	42.4	ug/L	85					62	103
	2-Chlorophenol	50	45.3	ug/L	91					70	117
	1,2-Dichlorobenzene	50	42.5	ug/L	85					72	102
	1,3-Dichlorobenzene	50	42.6	ug/L	85					71	103
	1,4-Dichlorobenzene	50	42.8	ug/L	86					76	103
	Benzyl Alcohol	50	42.6	ug/L	85					36	93
	2-Methylphenol	50	42.1	ug/L	84					69	109
	2,2-oxybis(1-Chloropropane)	50	41.3	ug/L	83					52	103
	Acetophenone	50	42.7	ug/L	85					60	104
	3+4-Methylphenols	50	41.4	ug/L	83					67	106
	N-Nitroso-di-n-propylamine	50	39.5	ug/L	79					57	107
	Hexachloroethane	50	42.3	ug/L	85					76	118
	Nitrobenzene	50	40.6	ug/L	81					58	106
	Isophorone	50	41.8	ug/L	84					61	102
	2-Nitrophenol	50	48.6	ug/L	97					70	115
	2,4-Dimethylphenol	50	50.6	ug/L	101					67	130
	bis(2-Chloroethoxy)methane	50	42.4	ug/L	85					58	109
	2,4-Dichlorophenol	50	46.2	ug/L	92					66	115
	1,2,4-Trichlorobenzene	50	44.8	ug/L	90					41	115
	Benzoic acid	50	48.1	ug/L	96					10	125
	Naphthalene	50	42.7	ug/L	85					64	107
	4-Chloroaniline	50	12.2	ug/L	24					10	85
	Hexachlorobutadiene	50	44.5	ug/L	89					69	101
	Caprolactam	50	48.4	ug/L	97					58	128
	4-Chloro-3-methylphenol	50	44.8	ug/L	90					65	114
	2-Methylnaphthalene	50	43	ug/L	86					64	107
	Hexachlorocyclopentadiene	100	120	ug/L	120					36	160
	2,4,6-Trichlorophenol	50	46.6	ug/L	93					61	110
	2,4,5-Trichlorophenol	50	46	ug/L	92					70	106
	1,1-Biphenyl	50	42.5	ug/L	85					72	98
	2-Chloronaphthalene	50	41.1	ug/L	82					59	106
	2-Nitroaniline	50	44.8	ug/L	90					58	107
	Dimethylphthalate	50	44.8	ug/L	90					64	103
	Acenaphthylene	50	46.4	ug/L	93					65	108
	2,6-Dinitrotoluene	50	44.7	ug/L	89					64	110
	3-Nitroaniline	50	30.7	ug/L	61					28	100
	Acenaphthene	50	42.2	ug/L	84					59	113
	Total PAH	800	723.4	ug/L	90					59	113
	2,4-Dinitrophenol	100	110	ug/L	110					64	132
	4-Nitrophenol	100	97.4	ug/L	97					68	116
	Dibenzofuran	50	43.9	ug/L	88					65	106

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP022024

Client:

Analytical Method: 8270E

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB159054BS	2,4-Dinitrotoluene	50	48.7	ug/L	97				60	115	
	2,4-Dinitrotoluene/2,6-Dinitro	100	93.4	ug/L	93				60	115	
	Diethylphthalate	50	44.3	ug/L	89				63	105	
	4-Chlorophenyl-phenylether	50	45.2	ug/L	90				61	104	
	Fluorene	50	44.6	ug/L	89				64	107	
	4-Nitroaniline	50	44.1	ug/L	88				69	112	
	4,6-Dinitro-2-methylphenol	50	51	ug/L	102				62	132	
	N-Nitrosodiphenylamine	50	42.9	ug/L	86				61	109	
	Azobenzene	50	42.1	ug/L	84				59	106	
	4-Bromophenyl-phenylether	50	44.8	ug/L	90				73	103	
	Hexachlorobenzene	50	45.2	ug/L	90				73	106	
	Atrazine	50	51	ug/L	102				76	120	
	Pentachlorophenol	100	100	ug/L	100				47	114	
	Phenanthrene	50	45.2	ug/L	90				62	109	
	Anthracene	50	45.7	ug/L	91				65	110	
	Carbazole	50	45.7	ug/L	91				62	106	
	Di-n-butylphthalate	50	44.4	ug/L	89				64	106	
	Fluoranthene	50	46.4	ug/L	93				64	110	
	Benzidine	100	41.5	ug/L	42				10	94	
	Pyrene	50	44.5	ug/L	89				71	103	
	Butylbenzylphthalate	50	44.4	ug/L	89				61	105	
	3,3-Dichlorobenzidine	50	39.1	ug/L	78				43	108	
	Benzo(a)anthracene	50	45.2	ug/L	90				62	107	
	Chrysene	50	44.2	ug/L	88				61	108	
	bis(2-Ethylhexyl)phthalate	50	40.4	ug/L	81				59	110	
	Di-n-octyl phthalate	50	40.2	ug/L	80				67	126	
	Benzo(b)fluoranthene	50	45.4	ug/L	91				77	113	
	Benzo(k)fluoranthene	50	44.3	ug/L	89				64	113	
	Benzo(a)pyrene	50	46.4	ug/L	93				72	131	
	Indeno(1,2,3-cd)pyrene	50	47.4	ug/L	95				72	105	
	Dibenz(a,h)anthracene	50	47.8	ug/L	96				78	115	
	Benzo(g,h,i)perylene	50	45	ug/L	90				75	118	
	1,2,4,5-Tetrachlorobenzene	50	45.6	ug/L	91				72	101	
	1,4-Dioxane	50	34.6	ug/L	69				38	125	
	2,3,4,6-Tetrachlorophenol	50	51.9	ug/L	104				63	116	
	1-Methylnaphthalene	50	41.3	ug/L	83				51	114	
PB159054BSD	n-Nitrosodimethylamine	50	41	ug/L	82	0			55	108	20
	Pyridine	50	32.5	ug/L	65	2			29	97	20
	Benzaldehyde	50	0	ug/L	0	0	*		15	121	20
	Aniline	50	23.8	ug/L	48	2			10	130	20
	Phenol	50	42.5	ug/L	85	1			66	118	20
	bis(2-Chloroethyl)ether	50	41	ug/L	82	3			62	103	20
	2-Chlorophenol	50	44.3	ug/L	89	2			70	117	20
	1,2-Dichlorobenzene	50	41.7	ug/L	83	2			72	102	20
	1,3-Dichlorobenzene	50	41.2	ug/L	82	3			71	103	20
	1,4-Dichlorobenzene	50	41.8	ug/L	84	2			76	103	20



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BP022024

Client:

Analytical Method: 8270E

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB159054BSD	Benzyl Alcohol	50	42.6	ug/L	85	0			36	93	20
	2-Methylphenol	50	41.8	ug/L	84	1			69	109	20
	2,2-oxybis(1-Chloropropane)	50	40.1	ug/L	80	3			52	103	20
	Acetophenone	50	41.6	ug/L	83	3			60	104	20
	3+4-Methylphenols	50	41.7	ug/L	83	1			67	106	20
	N-Nitroso-di-n-propylamine	50	38.5	ug/L	77	3			57	107	20
	Hexachloroethane	50	41.1	ug/L	82	3			76	118	20
	Nitrobenzene	50	39.4	ug/L	79	3			58	106	20
	Isophorone	50	40.4	ug/L	81	3			61	102	20
	2-Nitrophenol	50	46.9	ug/L	94	4			70	115	20
	2,4-Dimethylphenol	50	49.7	ug/L	99	2			67	130	20
	bis(2-Chloroethoxy)methane	50	40.3	ug/L	81	5			58	109	20
	2,4-Dichlorophenol	50	45.1	ug/L	90	2			66	115	20
	1,2,4-Trichlorobenzene	50	42.8	ug/L	86	5			41	115	20
	Benzoic acid	50	46.5	ug/L	93	3			10	125	20
	Naphthalene	50	41.3	ug/L	83	3			64	107	20
	4-Chloroaniline	50	12.4	ug/L	25	2			10	85	20
	Hexachlorobutadiene	50	43	ug/L	86	3			69	101	20
	Caprolactam	50	47.2	ug/L	94	3			58	128	20
	4-Chloro-3-methylphenol	50	44.4	ug/L	89	1			65	114	20
	2-Methylnaphthalene	50	41.6	ug/L	83	3			64	107	20
	Hexachlorocyclopentadiene	100	120	ug/L	120	0			36	160	20
	2,4,6-Trichlorophenol	50	46.3	ug/L	93	1			61	110	20
	2,4,5-Trichlorophenol	50	46.2	ug/L	92	0			70	106	20
	1,1-Biphenyl	50	42	ug/L	84	1			72	98	20
	2-Chloronaphthalene	50	41	ug/L	82	0			59	106	20
	2-Nitroaniline	50	45.8	ug/L	92	2			58	107	20
	Dimethylphthalate	50	44.2	ug/L	88	1			64	103	20
	Acenaphthylene	50	46.3	ug/L	93	0			65	108	20
	2,6-Dinitrotoluene	50	44.2	ug/L	88	1			64	110	20
	3-Nitroaniline	50	31.2	ug/L	62	2			28	100	20
	Acenaphthene	50	41.7	ug/L	83	1			59	113	20
	Total PAH	800	709.1	ug/L	89	2			59	113	20
	2,4-Dinitrophenol	100	110	ug/L	110	0			64	132	20
	4-Nitrophenol	100	96.8	ug/L	97	1			68	116	20
	Dibenzofuran	50	44	ug/L	88	0			65	106	20
	2,4-Dinitrotoluene	50	48.2	ug/L	96	1			60	115	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	92.4	ug/L	92	1			60	115	20
	Diethylphthalate	50	44.1	ug/L	88	0			63	105	20
	4-Chlorophenyl-phenylether	50	44.5	ug/L	89	2			61	104	20
	Fluorene	50	44.5	ug/L	89	0			64	107	20
	4-Nitroaniline	50	45.5	ug/L	91	3			69	112	20
	4,6-Dinitro-2-methylphenol	50	51.3	ug/L	103	1			62	132	20
	N-Nitrosodiphenylamine	50	42.1	ug/L	84	2			61	109	20
	Azobenzene	50	42	ug/L	84	0			59	106	20
	4-Bromophenyl-phenylether	50	43.7	ug/L	87	2			73	103	20



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BP022024

Client:

Analytical Method: 8270E

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB159054BSD	Hexachlorobenzene	50	43.4	ug/L	87	4			73	106	20
	Atrazine	50	48.8	ug/L	98	4			76	120	20
	Pentachlorophenol	100	97.3	ug/L	97	3			47	114	20
	Phenanthrene	50	44.1	ug/L	88	2			62	109	20
	Anthracene	50	44.7	ug/L	89	2			65	110	20
	Carbazole	50	44.6	ug/L	89	2			62	106	20
	Di-n-butylphthalate	50	42.1	ug/L	84	5			64	106	20
	Fluoranthene	50	45.4	ug/L	91	2			64	110	20
	Benzidine	100	41.3	ug/L	41	0			10	94	20
	Pyrene	50	44.2	ug/L	88	1			71	103	20
	Butylbenzylphthalate	50	42.1	ug/L	84	5			61	105	20
	3,3-Dichlorobenzidine	50	38.5	ug/L	77	2			43	108	20
	Benzo(a)anthracene	50	44.1	ug/L	88	2			62	107	20
	Chrysene	50	44	ug/L	88	0			61	108	20
	bis(2-Ethylhexyl)phthalate	50	37.9	ug/L	76	6			59	110	20
	Di-n-octyl phthalate	50	37.7	ug/L	75	6			67	126	20
	Benzo(b)fluoranthene	50	44.8	ug/L	90	1			77	113	20
	Benzo(k)fluoranthene	50	43.1	ug/L	86	3			64	113	20
	Benzo(a)pyrene	50	45.3	ug/L	91	2			72	131	20
	Indeno(1,2,3-cd)pyrene	50	45.9	ug/L	92	3			72	105	20
	Dibenz(a,h)anthracene	50	45.9	ug/L	92	4			78	115	20
	Benzo(g,h,i)perylene	50	43.8	ug/L	88	3			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	45	ug/L	90	1			72	101	20
	1,4-Dioxane	50	33.4	ug/L	67	4			38	125	20
	2,3,4,6-Tetrachlorophenol	50	52	ug/L	104	0			63	116	20
	1-Methylnaphthalene	50	40.4	ug/L	81	2			51	114	20



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

EB-3-2-4

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP022024SAS No.: BP022024 SDG NO.: BP022024Lab File ID: BP019797.DLab Sample ID: P1141-05Instrument ID: BNA_PDate Extracted: 02/05/2024Matrix: (soil/water) SolidDate Analyzed: 02/20/2024Level: (low/med) LOWTime Analyzed: 21:33

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EB-3-2-4	P1141-05	BP019797.D	02/20/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159054BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP022024SAS No.: BP022024 SDG NO.: BP022024Lab File ID: BP019778.DLab Sample ID: PB159054BLInstrument ID: BNA_PDate Extracted: 02/15/2024Matrix: (soil/water) WaterDate Analyzed: 02/20/2024Level: (low/med) LOWTime Analyzed: 10:44

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159054BS	PB159054BS	BP019779.D	02/20/2024
PB159054BSD	PB159054BSD	BP019780.D	02/20/2024
20240762-39N-N-FIELD-BLANK-1	P1462-01	BP019785.D	02/20/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159009TB

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP022024SAS No.: BP022024 SDG NO.: BP022024Lab File ID: BP019781.DLab Sample ID: PB159009TBInstrument ID: BNA_PDate Extracted: 02/16/2024Matrix: (soil/water) waterDate Analyzed: 02/20/2024Level: (low/med) LOWTime Analyzed: 12:25

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159009TB	PB159009TB	BP019781.D	02/20/2024
PB159045TB	PB159045TB	BP019782.D	02/20/2024
WC-2S	P1505-12	BP019783.D	02/20/2024
WC-2D	P1505-16	BP019784.D	02/20/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

20240768-AMENDED-CO

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BP022024

SAS No.: BP022024 SDG NO.: BP022024

Lab File ID: BP019790.D

Lab Sample ID: P1523-08

Instrument ID: BNA_P

Date Extracted: 02/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 02/20/2024

Level: (low/med) LOW

Time Analyzed: 17:36

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
20240768-AMENDED-COMP-39N-N-3-03	P1523-08	BP019790.D	02/20/2024
20240768-AMENDED-COMP-39N-N-3-03M	P1523-09MS	BP019791.D	02/20/2024
20240768-AMENDED-COMP-39N-N-3-03M	P1523-10MSD	BP019792.D	02/20/2024
20240766-AMENDED-COMP-39N-N-3-01	P1523-06	BP019793.D	02/20/2024
20240767-AMENDED-COMP-39N-N-3-02	P1523-07	BP019794.D	02/20/2024
ETGI-343	P1514-01	BP019795.D	02/20/2024

COMMENTS:



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

IDW-20240215

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BP022024

SAS No.: BP022024 SDG NO.: BP022024

Lab File ID: BP019796.D

Lab Sample ID: P1528-01

Instrument ID: BNA_P

Date Extracted: 02/19/2024

Matrix: (soil/water) water

Date Analyzed: 02/20/2024

Level: (low/med) LOW

Time Analyzed: 20:59

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
IDW-20240215	P1528-01	BP019796.D	02/20/2024
ETGI-343	P1514-02	BP019787.D	02/20/2024
ETGI-343MS	P1514-02MS	BP019788.D	02/20/2024
ETGI-343MSD	P1514-02MSD	BP019789.D	02/20/2024

COMMENTS:

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP022024

Client: _____

Analytical Method: **8270E**

		Sample				Rec	RPD		Limits		
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	P1523-09MS	Client Sample ID:	20240768-AMENDED-COMP-39N-N-					DataFile:	BP019791.D		
n-Nitrosodimethylamine	4200		3500	ug/Kg	83				66	124	
Pyridine	4200		3200	ug/Kg	76				45	119	
Benzaldehyde	4200		710	ug/Kg	17	*			26	163	
Aniline	4200		2600	ug/Kg	62				10	88	
Phenol	4200		3500	ug/Kg	83				67	126	
bis(2-Chloroethyl)ether	4200		3400	ug/Kg	81				74	116	
2-Chlorophenol	4200		3600	ug/Kg	86				61	138	
1,2-Dichlorobenzene	4200		3400	ug/Kg	81				61	105	
1,3-Dichlorobenzene	4200		3400	ug/Kg	81				62	101	
1,4-Dichlorobenzene	4200		3400	ug/Kg	81				63	104	
Benzyl Alcohol	4200		3600	ug/Kg	86				47	126	
2-Methylphenol	4200		3400	ug/Kg	81				66	122	
2,2-oxybis(1-Chloropropane)	4200		3300	ug/Kg	79				52	115	
Acetophenone	4200		3500	ug/Kg	83				75	111	
3+4-Methylphenols	4200		3400	ug/Kg	81				53	132	
N-Nitroso-di-n-propylamine	4200		3200	ug/Kg	76				59	119	
Hexachloroethane	4200		3300	ug/Kg	79				65	117	
Nitrobenzene	4200		3300	ug/Kg	79				70	119	
Isophorone	4200		3400	ug/Kg	81				76	122	
2-Nitrophenol	4200		3900	ug/Kg	93				54	145	
2,4-Dimethylphenol	4200		4200	ug/Kg	100				83	144	
bis(2-Chloroethoxy)methane	4200		3400	ug/Kg	81				68	112	
2,4-Dichlorophenol	4200		3800	ug/Kg	90				72	118	
1,2,4-Trichlorobenzene	4200		3600	ug/Kg	86				57	103	
Benzoic acid	4200		5100	ug/Kg	121	*			50	104	
Naphthalene	4200		3500	ug/Kg	83				72	110	
4-Chloroaniline	4200		1900	ug/Kg	45				10	100	
Hexachlorobutadiene	4200		3600	ug/Kg	86				66	114	
Caprolactam	4200		4100	ug/Kg	98				51	134	
4-Chloro-3-methylphenol	4200		3800	ug/Kg	90				57	132	
2-Methylnaphthalene	4200		3600	ug/Kg	86				59	123	
Hexachlorocyclopentadiene	8400		4600	ug/Kg	55				10	175	
2,4,6-Trichlorophenol	4200		3800	ug/Kg	90				72	117	
2,4,5-Trichlorophenol	4200		3700	ug/Kg	88				72	117	
1,1-Biphenyl	4200		3400	ug/Kg	81				75	113	
2-Chloronaphthalene	4200		3300	ug/Kg	79				67	118	
2-Nitroaniline	4200		3700	ug/Kg	88				69	127	
Dimethylphthalate	4200		3600	ug/Kg	86				70	113	
Acenaphthylene	4200		3700	ug/Kg	88				79	118	
2,6-Dinitrotoluene	4200		3600	ug/Kg	86				70	125	
3-Nitroaniline	4200		3100	ug/Kg	74				20	111	
Acenaphthene	4200		3400	ug/Kg	81				70	121	
Total PAH	67200		57900	ug/Kg	86				70	121	
2,4-Dinitrophenol	8400		5900	ug/Kg	70				16	160	
4-Nitrophenol	8400		7700	ug/Kg	92				45	133	
Dibenzofuran	4200		3600	ug/Kg	86				72	110	
2,4-Dinitrotoluene/2,6-Dinitrotol	8400		7500	ug/Kg	89				55	128	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP022024

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec		RPD		Limits	
						Qual	RPD	Qual	Low	High	RPD
2,4-Dinitrotoluene	4200		3900	ug/Kg	93				55	128	
Diethylphthalate	4200		3600	ug/Kg	86				70	112	
4-Chlorophenyl-phenylether	4200		3700	ug/Kg	88				71	108	
Fluorene	4200		3600	ug/Kg	86				68	116	
4-Nitroaniline	4200		3600	ug/Kg	86				55	120	
4,6-Dinitro-2-methylphenol	4200		3500	ug/Kg	83				32	145	
N-Nitrosodiphenylamine	4200		3500	ug/Kg	83				73	118	
Azobenzene	4200		3500	ug/Kg	83				73	110	
4-Bromophenyl-phenylether	4200		3700	ug/Kg	88				65	121	
Hexachlorobenzene	4200		3700	ug/Kg	88				67	118	
Atrazine	4200		4200	ug/Kg	100				79	127	
Pentachlorophenol	8400		7600	ug/Kg	90				47	128	
Phenanthrene	4200		3700	ug/Kg	88				72	113	
Anthracene	4200		3700	ug/Kg	88				62	124	
Carbazole	4200		3700	ug/Kg	88				59	119	
Di-n-butylphthalate	4200		3700	ug/Kg	88				69	118	
Fluoranthene	4200		4000	ug/Kg	95				59	125	
Benzidine	8400		3300	ug/Kg	39				10	119	
Pyrene	4200		3400	ug/Kg	81				52	128	
Butylbenzylphthalate	4200		3400	ug/Kg	81				64	126	
3,3-Dichlorobenzidine	4200		3400	ug/Kg	81				10	164	
Benzo(a)anthracene	4200		3700	ug/Kg	88				71	114	
Chrysene	4200		3700	ug/Kg	88				57	121	
bis(2-Ethylhexyl)phthalate	4200		3200	ug/Kg	76				66	127	
Di-n-octyl phthalate	4200		3300	ug/Kg	79				71	126	
Benzo(b)fluoranthene	4200		3700	ug/Kg	88				67	121	
Benzo(k)fluoranthene	4200		3500	ug/Kg	83				74	114	
Benzo(a)pyrene	4200		3700	ug/Kg	88				70	142	
Indeno(1,2,3-cd)pyrene	4200		3600	ug/Kg	86				61	125	
Dibenz(a,h)anthracene	4200		3600	ug/Kg	86				67	130	
Benzo(g,h,i)perylene	4200		3400	ug/Kg	81				53	140	
1,2,4,5-Tetrachlorobenzene	4200		3600	ug/Kg	86				69	124	
1,4-Dioxane	4200		2900	ug/Kg	69				46	112	
2,3,4,6-Tetrachlorophenol	4200		4400	ug/Kg	105				56	133	
1-Methylnaphthalene	4200		3400	ug/Kg	81				70	130	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP022024

Client: _____

Analytical Method: **8270E**

		Sample			Rec		RPD		Limits		
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	P1523-10MSD	Client Sample ID:	20240768-AMENDED-COMP-39N-N-					DataFile:	BP019792.D		
n-Nitrosodimethylamine	4200		3900	ug/Kg	93		11		66	124	20
Pyridine	4200		3300	ug/Kg	79		4		45	119	20
Benzaldehyde	4200		800	ug/Kg	19	*	11		26	163	20
Aniline	4200		2600	ug/Kg	62		0		10	88	20
Phenol	4200		3600	ug/Kg	86		4		67	126	20
bis(2-Chloroethyl)ether	4200		3700	ug/Kg	88		8		74	116	20
2-Chlorophenol	4200		3800	ug/Kg	90		5		61	138	20
1,2-Dichlorobenzene	4200		3600	ug/Kg	86		6		61	105	20
1,3-Dichlorobenzene	4200		3800	ug/Kg	90		11		62	101	20
1,4-Dichlorobenzene	4200		3800	ug/Kg	90		11		63	104	20
Benzyl Alcohol	4200		3700	ug/Kg	88		2		47	126	20
2-Methylphenol	4200		3600	ug/Kg	86		6		66	122	20
2,2-oxybis(1-Chloropropane)	4200		3500	ug/Kg	83		5		52	115	20
Acetophenone	4200		3900	ug/Kg	93		11		75	111	20
3+4-Methylphenols	4200		3400	ug/Kg	81		0		53	132	20
N-Nitroso-di-n-propylamine	4200		3400	ug/Kg	81		6		59	119	20
Hexachloroethane	4200		3700	ug/Kg	88		11		65	117	20
Nitrobenzene	4200		3700	ug/Kg	88		11		70	119	20
Isophorone	4200		3600	ug/Kg	86		6		76	122	20
2-Nitrophenol	4200		4300	ug/Kg	102		9		54	145	20
2,4-Dimethylphenol	4200		4300	ug/Kg	102		2		83	144	20
bis(2-Chloroethoxy)methane	4200		3700	ug/Kg	88		8		68	112	20
2,4-Dichlorophenol	4200		3900	ug/Kg	93		3		72	118	20
1,2,4-Trichlorobenzene	4200		4000	ug/Kg	95		10		57	103	20
Benzoic acid	4200		4200	ug/Kg	100		19		50	104	20
Naphthalene	4200		3800	ug/Kg	90		8		72	110	20
4-Chloroaniline	4200		1700	ug/Kg	40		12		10	100	20
Hexachlorobutadiene	4200		4100	ug/Kg	98		13		66	114	20
Caprolactam	4200		3800	ug/Kg	90		9		51	134	20
4-Chloro-3-methylphenol	4200		3700	ug/Kg	88		2		57	132	20
2-Methylnaphthalene	4200		3700	ug/Kg	88		2		59	123	20
Hexachlorocyclopentadiene	8400		5000	ug/Kg	60		9		10	175	20
2,4,6-Trichlorophenol	4200		4100	ug/Kg	98		9		72	117	20
2,4,5-Trichlorophenol	4200		4000	ug/Kg	95		8		72	117	20
1,1-Biphenyl	4200		3800	ug/Kg	90		11		75	113	20
2-Chloronaphthalene	4200		3700	ug/Kg	88		11		67	118	20
2-Nitroaniline	4200		4000	ug/Kg	95		8		69	127	20
Dimethylphthalate	4200		3900	ug/Kg	93		8		70	113	20
Acenaphthylene	4200		4100	ug/Kg	98		11		79	118	20
2,6-Dinitrotoluene	4200		3800	ug/Kg	90		5		70	125	20
3-Nitroaniline	4200		3000	ug/Kg	71		4		20	111	20
Acenaphthene	4200		3700	ug/Kg	88		8		70	121	20
Total PAH	67200		62700	ug/Kg	93		8		70	121	20
2,4-Dinitrophenol	8400		5000	ug/Kg	60		15		16	160	20
4-Nitrophenol	8400		7600	ug/Kg	90		2		45	133	20
Dibenzofuran	4200		3800	ug/Kg	90		5		72	110	20
2,4-Dinitrotoluene/2,6-Dinitrotol	8400		7800	ug/Kg	93		4		55	128	20

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP022024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits		
									Low	High	RPD
2,4-Dinitrotoluene	4200		4000	ug/Kg	95		2		55	128	20
Diethylphthalate	4200		3700	ug/Kg	88		2		70	112	20
4-Chlorophenyl-phenylether	4200		3900	ug/Kg	93		6		71	108	20
Fluorene	4200		3900	ug/Kg	93		8		68	116	20
4-Nitroaniline	4200		3600	ug/Kg	86		0		55	120	20
4,6-Dinitro-2-methylphenol	4200		3300	ug/Kg	79		5		32	145	20
N-Nitrosodiphenylamine	4200		3900	ug/Kg	93		11		73	118	20
Azobenzene	4200		3600	ug/Kg	86		4		73	110	20
4-Bromophenyl-phenylether	4200		4100	ug/Kg	98		11		65	121	20
Hexachlorobenzene	4200		4000	ug/Kg	95		8		67	118	20
Atrazine	4200		4400	ug/Kg	105		5		79	127	20
Pentachlorophenol	8400		8000	ug/Kg	95		5		47	128	20
Phenanthrene	4200		4000	ug/Kg	95		8		72	113	20
Anthracene	4200		4000	ug/Kg	95		8		62	124	20
Carbazole	4200		3900	ug/Kg	93		6		59	119	20
Di-n-butylphthalate	4200		3800	ug/Kg	90		2		69	118	20
Fluoranthene	4200		4200	ug/Kg	100		5		59	125	20
Benzidine	8400		4300	ug/Kg	51		27	*	10	119	20
Pyrene	4200		3500	ug/Kg	83		2		52	128	20
Butylbenzylphthalate	4200		3300	ug/Kg	79		3		64	126	20
3,3-Dichlorobenzidine	4200		3800	ug/Kg	90		11		10	164	20
Benzo(a)anthracene	4200		4100	ug/Kg	98		11		71	114	20
Chrysene	4200		4000	ug/Kg	95		8		57	121	20
bis(2-Ethylhexyl)phthalate	4200		3000	ug/Kg	71		7		66	127	20
Di-n-octyl phthalate	4200		3100	ug/Kg	74		7		71	126	20
Benzo(b)fluoranthene	4200		3900	ug/Kg	93		6		67	121	20
Benzo(k)fluoranthene	4200		3900	ug/Kg	93		11		74	114	20
Benzo(a)pyrene	4200		4000	ug/Kg	95		8		70	142	20
Indeno(1,2,3-cd)pyrene	4200		4000	ug/Kg	95		10		61	125	20
Dibenz(a,h)anthracene	4200		3900	ug/Kg	93		8		67	130	20
Benzo(g,h,i)perylene	4200		3700	ug/Kg	88		8		53	140	20
1,2,4,5-Tetrachlorobenzene	4200		4200	ug/Kg	100		15		69	124	20
1,4-Dioxane	4200		3300	ug/Kg	79		14		46	112	20
2,3,4,6-Tetrachlorophenol	4200		4300	ug/Kg	102		3		56	133	20
1-Methylnaphthalene	4200		3600	ug/Kg	86		6		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP022024

Client: _____

Analytical Method: **8270E**

		Sample				Rec		RPD	Limits		
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	P1514-02MS	Client Sample ID:	ETGI-343MS					DataFile:	BP019788.D		
n-Nitrosodimethylamine	500		420	ug/L	84				10	130	
Pyridine	500		310	ug/L	62				10	109	
Benzaldehyde	500		74.9	ug/L	15				10	137	
Aniline	500		230	ug/L	46				10	130	
Phenol	500		410	ug/L	82				10	130	
bis(2-Chloroethyl)ether	500		420	ug/L	84				29	141	
2-Chlorophenol	500		450	ug/L	90				23	127	
1,2-Dichlorobenzene	500		420	ug/L	84				61	114	
1,3-Dichlorobenzene	500		410	ug/L	82				65	106	
1,4-Dichlorobenzene	500		420	ug/L	84				55	125	
Benzyl Alcohol	500		470	ug/L	94				31	94	
2-Methylphenol	500		440	ug/L	88				23	132	
2,2-oxybis(1-Chloropropane)	500		410	ug/L	82				36	141	
Acetophenone	500		440	ug/L	88				31	164	
3+4-Methylphenols	500		430	ug/L	86				17	136	
N-Nitroso-di-n-propylamine	500		420	ug/L	84				36	147	
Hexachloroethane	500		410	ug/L	82				35	137	
Nitrobenzene	500		420	ug/L	84				40	134	
Isophorone	500		450	ug/L	90				39	146	
2-Nitrophenol	500		500	ug/L	100				30	148	
2,4-Dimethylphenol	500		540	ug/L	108				17	143	
bis(2-Chloroethoxy)methane	500		450	ug/L	90				39	143	
2,4-Dichlorophenol	500		500	ug/L	100				22	146	
1,2,4-Trichlorobenzene	500		450	ug/L	90				66	110	
Benzoic acid	500		170	ug/L	34				10	101	
Naphthalene	500		440	ug/L	88				17	157	
4-Chloroaniline	500		56.7	ug/L	11				10	95	
Hexachlorobutadiene	500		450	ug/L	90				52	125	
Caprolactam	500		500	ug/L	100				10	130	
4-Chloro-3-methylphenol	500		510	ug/L	102				17	148	
2-Methylnaphthalene	500		460	ug/L	92				38	146	
Hexachlorocyclopentadiene	1000		1000	ug/L	100				20	153	
2,4,6-Trichlorophenol	500		500	ug/L	100				46	139	
2,4,5-Trichlorophenol	500		500	ug/L	100				42	129	
1,1-Biphenyl	500		440	ug/L	88				38	154	
2-Chloronaphthalene	500		430	ug/L	86				41	145	
2-Nitroaniline	500		500	ug/L	100				39	151	
Dimethylphthalate	500		500	ug/L	100				42	147	
Acenaphthylene	500		490	ug/L	98				40	141	
2,6-Dinitrotoluene	500		490	ug/L	98				43	148	
3-Nitroaniline	500		290	ug/L	58				10	111	
Acenaphthene	500		450	ug/L	90				37	146	
Total PAH	8000		7880	ug/L	99				37	146	
2,4-Dinitrophenol	1000		290	ug/L	29				14	167	
4-Nitrophenol	1000		960	ug/L	96				10	130	
Dibenzofuran	500		470	ug/L	94				41	145	
2,4-Dinitrotoluene	500		540	ug/L	108				40	151	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP022024

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits		
									Low	High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1030	ug/L	103				40	151	
Diethylphthalate	500		500	ug/L	100				41	148	
4-Chlorophenyl-phenylether	500		500	ug/L	100				38	149	
Fluorene	500		490	ug/L	98				39	144	
4-Nitroaniline	500		500	ug/L	100				27	138	
4,6-Dinitro-2-methylphenol	500		230	ug/L	46				32	175	
N-Nitrosodiphenylamine	500		470	ug/L	94				40	150	
Azobenzene	500		470	ug/L	94				72	112	
4-Bromophenyl-phenylether	500		490	ug/L	98				42	151	
Hexachlorobenzene	500		500	ug/L	100				60	129	
Atrazine	500		610	ug/L	122				20	162	
Pentachlorophenol	1000		890	ug/L	89				15	137	
Phenanthrene	500		500	ug/L	100				40	147	
Anthracene	500		510	ug/L	102				41	146	
Carbazole	500		500	ug/L	100				37	154	
Di-n-butylphthalate	500		510	ug/L	102				40	151	
Fluoranthene	500		540	ug/L	108				42	146	
Benzidine	1000		350	ug/L	35				10	130	
Pyrene	500		480	ug/L	96				41	149	
Butylbenzylphthalate	500		490	ug/L	98				39	155	
3,3-Dichlorobenzidine	500		360	ug/L	72				10	114	
Benzo(a)anthracene	500		510	ug/L	102				41	147	
Chrysene	500		500	ug/L	100				44	144	
bis(2-Ethylhexyl)phthalate	500		460	ug/L	92				33	160	
Di-n-octyl phthalate	500		450	ug/L	90				36	158	
Benzo(b)fluoranthene	500		510	ug/L	102				40	150	
Benzo(k)fluoranthene	500		500	ug/L	100				40	147	
Benzo(a)pyrene	500		510	ug/L	102				42	147	
Indeno(1,2,3-cd)pyrene	500		490	ug/L	98				30	166	
Dibenz(a,h)anthracene	500		500	ug/L	100				23	172	
Benzo(g,h,i)perylene	500		460	ug/L	92				27	167	
1,2,4,5-Tetrachlorobenzene	500		470	ug/L	94				89	102	
1,4-Dioxane	500		340	ug/L	68				38	130	
2,3,4,6-Tetrachlorophenol	500		600	ug/L	120	*			91	111	
1-Methylnaphthalene	500		440	ug/L	88				25	151	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP022024

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1514-02MSD	Client Sample ID:	ETGI-343MSD					DataFile:	BP019789.D		
n-Nitrosodimethylamine	500		390	ug/L	78		7		10	130	20
Pyridine	500		290	ug/L	58		7		10	109	20
Benzaldehyde	500		66.1	ug/L	13		14		10	137	20
Aniline	500		180	ug/L	36		24	*	10	130	20
Phenol	500		380	ug/L	76		8		10	130	20
bis(2-Chloroethyl)ether	500		400	ug/L	80		5		29	141	20
2-Chlorophenol	500		440	ug/L	88		2		23	127	20
1,2-Dichlorobenzene	500		400	ug/L	80		5		61	114	20
1,3-Dichlorobenzene	500		400	ug/L	80		2		65	106	20
1,4-Dichlorobenzene	500		400	ug/L	80		5		55	125	20
Benzyl Alcohol	500		440	ug/L	88		7		31	94	20
2-Methylphenol	500		420	ug/L	84		5		23	132	20
2,2-oxybis(1-Chloropropane)	500		400	ug/L	80		2		36	141	20
Acetophenone	500		430	ug/L	86		2		31	164	20
3+4-Methylphenols	500		410	ug/L	82		5		17	136	20
N-Nitroso-di-n-propylamine	500		400	ug/L	80		5		36	147	20
Hexachloroethane	500		390	ug/L	78		5		35	137	20
Nitrobenzene	500		410	ug/L	82		2		40	134	20
Isophorone	500		440	ug/L	88		2		39	146	20
2-Nitrophenol	500		480	ug/L	96		4		30	148	20
2,4-Dimethylphenol	500		520	ug/L	104		4		17	143	20
bis(2-Chloroethoxy)methane	500		430	ug/L	86		5		39	143	20
2,4-Dichlorophenol	500		480	ug/L	96		4		22	146	20
1,2,4-Trichlorobenzene	500		440	ug/L	88		2		66	110	20
Benzoic acid	500		160	ug/L	32		6		10	101	20
Naphthalene	500		420	ug/L	84		5		17	157	20
4-Chloroaniline	500		43.6	ug/L	9	*	20		10	95	20
Hexachlorobutadiene	500		430	ug/L	86		5		52	125	20
Caprolactam	500		440	ug/L	88		13		10	130	20
4-Chloro-3-methylphenol	500		480	ug/L	96		6		17	148	20
2-Methylnaphthalene	500		440	ug/L	88		4		38	146	20
Hexachlorocyclopentadiene	1000		930	ug/L	93		7		20	153	20
2,4,6-Trichlorophenol	500		480	ug/L	96		4		46	139	20
2,4,5-Trichlorophenol	500		470	ug/L	94		6		42	129	20
1,1-Biphenyl	500		420	ug/L	84		5		38	154	20
2-Chloronaphthalene	500		410	ug/L	82		5		41	145	20
2-Nitroaniline	500		450	ug/L	90		11		39	151	20
Dimethylphthalate	500		470	ug/L	94		6		42	147	20
Acenaphthylene	500		470	ug/L	94		4		40	141	20
2,6-Dinitrotoluene	500		470	ug/L	94		4		43	148	20
3-Nitroaniline	500		280	ug/L	56		4		10	111	20
Acenaphthene	500		430	ug/L	86		5		37	146	20
Total PAH	8000		7450	ug/L	93		6		37	146	20
2,4-Dinitrophenol	1000		140	ug/L	14		70	*	14	167	20
4-Nitrophenol	1000		850	ug/L	85		12		10	130	20
Dibenzofuran	500		450	ug/L	90		4		41	145	20
2,4-Dinitrotoluene	500		500	ug/L	100		8		40	151	20

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP022024

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits		
									Low	High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		970	ug/L	97		6		40	151	20
Diethylphthalate	500		460	ug/L	92		8		41	148	20
4-Chlorophenyl-phenylether	500		470	ug/L	94		6		38	149	20
Fluorene	500		460	ug/L	92		6		39	144	20
4-Nitroaniline	500		440	ug/L	88		13		27	138	20
4,6-Dinitro-2-methylphenol	500		140	ug/L	28	*	49	*	32	175	20
N-Nitrosodiphenylamine	500		450	ug/L	90		4		40	150	20
Azobenzene	500		440	ug/L	88		7		72	112	20
4-Bromophenyl-phenylether	500		480	ug/L	96		2		42	151	20
Hexachlorobenzene	500		480	ug/L	96		4		60	129	20
Atrazine	500		560	ug/L	112		9		20	162	20
Pentachlorophenol	1000		700	ug/L	70		24	*	15	137	20
Phenanthrene	500		480	ug/L	96		4		40	147	20
Anthracene	500		480	ug/L	96		6		41	146	20
Carbazole	500		480	ug/L	96		4		37	154	20
Di-n-butylphthalate	500		470	ug/L	94		8		40	151	20
Fluoranthene	500		510	ug/L	102		6		42	146	20
Benzidine	1000		290	ug/L	29		19		10	130	20
Pyrene	500		450	ug/L	90		6		41	149	20
Butylbenzylphthalate	500		430	ug/L	86		13		39	155	20
3,3-Dichlorobenzidine	500		330	ug/L	66		9		10	114	20
Benzo(a)anthracene	500		480	ug/L	96		6		41	147	20
Chrysene	500		470	ug/L	94		6		44	144	20
bis(2-Ethylhexyl)phthalate	500		400	ug/L	80		14		33	160	20
Di-n-octyl phthalate	500		410	ug/L	82		9		36	158	20
Benzo(b)fluoranthene	500		480	ug/L	96		6		40	150	20
Benzo(k)fluoranthene	500		470	ug/L	94		6		40	147	20
Benzo(a)pyrene	500		480	ug/L	96		6		42	147	20
Indeno(1,2,3-cd)pyrene	500		470	ug/L	94		4		30	166	20
Dibenz(a,h)anthracene	500		470	ug/L	94		6		23	172	20
Benzo(g,h,i)perylene	500		430	ug/L	86		7		27	167	20
1,2,4,5-Tetrachlorobenzene	500		450	ug/L	90		4		89	102	20
1,4-Dioxane	500		330	ug/L	66		3		38	130	20
2,3,4,6-Tetrachlorophenol	500		560	ug/L	112	*	7		91	111	20
1-Methylnaphthalene	500		430	ug/L	86		2		25	151	20



Surrogate Summary
SW-846

SDG No.: BP022024

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1141-05	EB-3-2-4	BP019797.D	2-Fluorophenol	150	72.64	48		18	112
			Phenol-d6	150	69.99	47		15	107
			Nitrobenzene-d5	100	46.32	46		18	107
			2-Fluorobiphenyl	100	42.92	43		20	109
			2,4,6-Tribromophenol	150	94.45	63		10	110
			Terphenyl-d14	100	43.19	43		14	112



Surrogate Summary
SW-846

SDG No.: BP022024

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1462-01	20240762-39N-N-F	BP019785.D	2-Fluorophenol	150	0.25	0	*	10	139
			Phenol-d6	150	0.14	0	*	10	134
			Nitrobenzene-d5	100	0.29	0	*	49	133
			2-Fluorobiphenyl	100	0.31	0	*	52	132
			2,4,6-Tribromophenol	150	0.49	0	*	32	145
			Terphenyl-d14	100	0.46	0	*	36	145
PB159054BL	PB159054BL	BP019778.D	2-Fluorophenol	150	120.18	80		10	139
			Phenol-d6	150	109.31	73		10	134
			Nitrobenzene-d5	100	76.24	76		49	133
			2-Fluorobiphenyl	100	78.68	79		52	132
			2,4,6-Tribromophenol	150	157.96	105		32	145
			Terphenyl-d14	100	86.68	87		36	145
PB159054BS	PB159054BS	BP019779.D	2-Fluorophenol	150	128.35	86		10	139
			Phenol-d6	150	119.68	80		10	134
			Nitrobenzene-d5	100	81.45	81		49	133
			2-Fluorobiphenyl	100	82.24	82		52	132
			2,4,6-Tribromophenol	150	158.08	105		32	145
			Terphenyl-d14	100	89.39	89		36	145
PB159054BSD	PB159054BSD	BP019780.D	2-Fluorophenol	150	125.69	84		10	139
			Phenol-d6	150	118.90	79		10	134
			Nitrobenzene-d5	100	79.36	79		49	133
			2-Fluorobiphenyl	100	80.98	81		52	132
			2,4,6-Tribromophenol	150	155.90	104		32	145
			Terphenyl-d14	100	87.23	87		36	145



Surrogate Summary
SW-846

SDG No.: BP022024

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1505-12	WC-2S	BP019783.D	2-Fluorophenol	150	99.15	66		10	139
			Phenol-d6	150	85.22	57		10	134
			Nitrobenzene-d5	100	73.82	74		49	133
			2-Fluorobiphenyl	100	73.17	73		52	132
			2,4,6-Tribromophenol	150	179.66	120		32	145
			Terphenyl-d14	100	96.90	97		36	145
P1505-16	WC-2D	BP019784.D	2-Fluorophenol	150	116.23	77		10	139
			Phenol-d6	150	99.10	66		10	134
			Nitrobenzene-d5	100	82.66	83		49	133
			2-Fluorobiphenyl	100	78.89	79		52	132
			2,4,6-Tribromophenol	150	199.33	133		32	145
			Terphenyl-d14	100	96.34	96		36	145
PB159009TB	PB159009TB	BP019781.D	2-Fluorophenol	150	102.42	68		10	139
			Phenol-d6	150	93.13	62		10	134
			Nitrobenzene-d5	100	67.82	68		49	133
			2-Fluorobiphenyl	100	69.71	70		52	132
			2,4,6-Tribromophenol	150	140.22	93		32	145
			Terphenyl-d14	100	76.70	77		36	145
PB159045TB	PB159045TB	BP019782.D	2-Fluorophenol	150	103.93	69		10	139
			Phenol-d6	150	94.13	63		10	134
			Nitrobenzene-d5	100	68.27	68		49	133
			2-Fluorobiphenyl	100	69.62	70		52	132
			2,4,6-Tribromophenol	150	129.98	87		32	145
			Terphenyl-d14	100	72.81	73		36	145



Surrogate Summary
SW-846

SDG No.: BP022024

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1505-13DL	WC-2DDL	BP019786.D	2-Fluorophenol	150	131.76	88		18	112
			Phenol-d6	150	123.77	83		15	107
			Nitrobenzene-d5	100	82.82	83		18	107
			2-Fluorobiphenyl	100	77.83	78		20	109
			2,4,6-Tribromophenol	150	163.96	109		10	110
			Terphenyl-d14	100	91.92	92		14	112



Surrogate Summary
SW-846

SDG No.: BP022024

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1514-01	ETGI-343	BP019795.D	2-Fluorophenol	150	95.70	64		18	112
			Phenol-d6	150	88.36	59		15	107
			Nitrobenzene-d5	100	63.65	64		18	107
			2-Fluorobiphenyl	100	60.48	60		20	109
			2,4,6-Tribromophenol	150	131.50	88		10	110
			Terphenyl-d14	100	64.64	65		14	112
P1523-06	20240766-AMENDBP019793.D		2-Fluorophenol	150	57.25	38		18	112
			Phenol-d6	150	71.08	47		15	107
			Nitrobenzene-d5	100	54.93	55		18	107
			2-Fluorobiphenyl	100	50.44	50		20	109
			2,4,6-Tribromophenol	150	50.92	34		10	110
			Terphenyl-d14	100	62.05	62		14	112
P1523-07	20240767-AMENDBP019794.D		2-Fluorophenol	150	48.67	32		18	112
			Phenol-d6	150	58.89	39		15	107
			Nitrobenzene-d5	100	54.41	54		18	107
			2-Fluorobiphenyl	100	48.18	48		20	109
			2,4,6-Tribromophenol	150	45.86	31		10	110
			Terphenyl-d14	100	52.49	52		14	112
P1523-08	20240768-AMENDBP019790.D		2-Fluorophenol	150	39.90	27		18	112
			Phenol-d6	150	68.06	45		15	107
			Nitrobenzene-d5	100	72.43	72		18	107
			2-Fluorobiphenyl	100	64.45	64		20	109
			2,4,6-Tribromophenol	150	29.26	20		10	110
			Terphenyl-d14	100	70.80	71		14	112
P1523-09MS	20240768-AMENDBP019791.D		2-Fluorophenol	150	37.65	25		18	112
			Phenol-d6	150	62.78	42		15	107
			Nitrobenzene-d5	100	69.88	70		18	107
			2-Fluorobiphenyl	100	64.30	64		20	109
			2,4,6-Tribromophenol	150	27.86	19		10	110
			Terphenyl-d14	100	61.88	62		14	112
P1523-10MSD	20240768-AMENDBP019792.D		2-Fluorophenol	150	40.80	27		18	112
			Phenol-d6	150	65.59	44		15	107
			Nitrobenzene-d5	100	77.45	77		18	107
			2-Fluorobiphenyl	100	73.19	73		20	109
			2,4,6-Tribromophenol	150	27.18	18		10	110
			Terphenyl-d14	100	62.32	62		14	112



Surrogate Summary
SW-846

SDG No.: BP022024

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1514-02	ETGI-343	BP019787.D	2-Fluorophenol	150	121.01	81		10	139
			Phenol-d6	150	105.87	71		10	134
			Nitrobenzene-d5	100	83.10	83		49	133
			2-Fluorobiphenyl	100	77.18	77		52	132
			2,4,6-Tribromophenol	150	184.39	123		32	145
			Terphenyl-d14	100	87.47	87		36	145
P1514-02MS	ETGI-343MS	BP019788.D	2-Fluorophenol	150	120.90	81		10	139
			Phenol-d6	150	110.77	74		10	134
			Nitrobenzene-d5	100	85.10	85		49	133
			2-Fluorobiphenyl	100	82.92	83		52	132
			2,4,6-Tribromophenol	150	171.66	114		32	145
			Terphenyl-d14	100	92.05	92		36	145
P1514-02MSD	ETGI-343MSD	BP019789.D	2-Fluorophenol	150	115.53	77		10	139
			Phenol-d6	150	105.30	70		10	134
			Nitrobenzene-d5	100	81.66	82		49	133
			2-Fluorobiphenyl	100	80.60	81		52	132
			2,4,6-Tribromophenol	150	158.43	106		32	145
			Terphenyl-d14	100	83.92	84		36	145
P1528-01	IDW-20240215	BP019796.D	2-Fluorophenol	150	121.49	81		10	139
			Phenol-d6	150	98.57	66		10	134
			Nitrobenzene-d5	100	91.15	91		49	133
			2-Fluorobiphenyl	100	86.32	86		52	132
			2,4,6-Tribromophenol	150	190.36	127		32	145
			Terphenyl-d14	100	80.47	80		36	145



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP022024

Lab Code: CHEM

SAS No.: BP022024 SDG NO.: BP022024

Lab File ID: BP019776.D

DFTPP Injection Date: 02/20/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:36

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26.2
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	32.8
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	39.1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	30.6
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	20 (20) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP019777.D	02/20/2024	10:10
PB159054BL	PB159054BL	BP019778.D	02/20/2024	10:44
PB159054BS	PB159054BS	BP019779.D	02/20/2024	11:18
PB159054BSD	PB159054BSD	BP019780.D	02/20/2024	11:52
PB159009TB	PB159009TB	BP019781.D	02/20/2024	12:25
PB159045TB	PB159045TB	BP019782.D	02/20/2024	12:59
WC-2S	P1505-12	BP019783.D	02/20/2024	13:39
WC-2D	P1505-16	BP019784.D	02/20/2024	14:13
20240762-39N-N-FIELD-BLANK-1	P1462-01	BP019785.D	02/20/2024	14:47
WC-2DDL	P1505-13DL	BP019786.D	02/20/2024	15:21
ETGI-343	P1514-02	BP019787.D	02/20/2024	15:54
ETGI-343MS	P1514-02MS	BP019788.D	02/20/2024	16:28
ETGI-343MSD	P1514-02MSD	BP019789.D	02/20/2024	17:02
20240768-AMENDED-COMP-39N-N-3-03	P1523-08	BP019790.D	02/20/2024	17:36
20240768-AMENDED-COMP-39N-N-3-03	P1523-09MS	BP019791.D	02/20/2024	18:10
20240768-AMENDED-COMP-39N-N-3-03	P1523-10MSD	BP019792.D	02/20/2024	18:44
20240766-AMENDED-COMP-39N-N-3-01	P1523-06	BP019793.D	02/20/2024	19:18
20240767-AMENDED-COMP-39N-N-3-02	P1523-07	BP019794.D	02/20/2024	19:52
ETGI-343	P1514-01	BP019795.D	02/20/2024	20:25



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: CHEMTECHContract: BP022024Lab Code: CHEMSAS No.: BP022024 SDG NO.: BP022024Lab File ID: BP019776.DDFTPP Injection Date: 02/20/2024Instrument ID: BNA_PDFTPP Injection Time: 09:36

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26.2
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	32.8
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	39.1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	30.6
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	20 (20) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
IDW-20240215	P1528-01	BP019796.D	02/20/2024	20:59
EB-3-2-4	P1141-05	BP019797.D	02/20/2024	21:33