

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF080324 SAS No.: BF080324 SDG No.: BF080324

Instrument ID: BNA_F Calibration Date/Time: 8/3/2024 12:09:28

Lab File ID: BF138759.D Init. Calib. Date(s): _____

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

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.818	0.680		-16.87	
Pyridine	1.374	1.153		-16.084	
2-Fluorophenol	1.296	1.234		-4.784	
Benzaldehyde	1.043	1.193		14.382	
Aniline	1.551	1.478		-4.707	
Phenol-d6	1.740	1.693		-2.701	
Phenol	1.832	1.753		-4.26	20.0
bis(2-Chloroethyl) ether	1.409	1.319		-6.388	
2-Chlorophenol	1.363	1.323		-2.935	
1,2-Dichlorobenzene	1.439	1.510		4.934	
1,3-Dichlorobenzene	1.526	1.504		-1.442	
1,4-Dichlorobenzene	1.540	1.552		0.779	20.0
Benzyl Alcohol	1.254	1.321		5.343	
2-Methylphenol	1.126	1.185		5.24	
2,2-oxybis(1-Chloropropane)	2.426	2.439		0.536	
Acetophenone	0.490	0.451		-7.959	
3+4-Methylphenols	1.444	1.476		2.216	
n-Nitroso-di-n-propylamine	1.051	1.080	0.050	2.759	
Nitrobenzene-d5	0.409	0.410		0.244	
Hexachloroethane	0.580	0.636		9.655	
Nitrobenzene	0.416	0.413		-0.721	
Isophorone	0.699	0.615		-12.017	
2-Nitrophenol	0.179	0.159		-11.173	20.0
2,4-Dimethylphenol	0.214	0.191		-10.748	
bis(2-Chloroethoxy) methane	0.425	0.374		-12.0	
2,4-Dichlorophenol	0.275	0.260		-5.455	20.0
1,2,4-Trichlorobenzene	0.318	0.314		-1.258	
Benzoic acid	0.168	0.136		-19.048	
Naphthalene	1.053	1.042		-1.045	
4-Chloroaniline	0.353	0.349		-1.133	
Hexachlorobutadiene	0.192	0.194		1.042	20.0
Caprolactam	0.082	0.087		6.098	
4-Chloro-3-methylphenol	0.315	0.321		1.905	20.0
2-Methylnaphthalene	0.665	0.669		0.602	
Hexachlorocyclopentadiene	0.120	0.109	0.050	-9.167	
2,4,6-Trichlorophenol	0.339	0.380		12.094	20.0
2-Fluorobiphenyl	1.331	1.340		0.676	
2,4,5-Trichlorophenol	0.370	0.363		-1.892	
1,1-Biphenyl	1.566	1.541		-1.596	

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Lab File ID: BF138759.D Init. Calib. Date(s): _____

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

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.165	1.123		-3.605	
2-Nitroaniline	0.395	0.383		-3.038	
Dimethylphthalate	1.279	1.306		2.111	
Acenaphthylene	1.652	1.609		-2.603	
2,6-Dinitrotoluene	0.289	0.294		1.73	
3-Nitroaniline	0.298	0.288		-3.356	
Acenaphthene	1.111	1.090		-1.89	20.0
2,4-Dinitrophenol	0.133	0.123	0.050	-7.519	
4-Nitrophenol	0.179	0.152	0.050	-15.084	
Dibenzofuran	1.568	1.612		2.806	
2,4-Dinitrotoluene	0.368	0.399		8.424	
Diethylphthalate	1.213	1.453		19.786	
4-Chlorophenyl-phenylether	0.614	0.698		13.681	
Fluorene	1.249	1.410		12.89	
4-Nitroaniline	0.284	0.311		9.507	
4,6-Dinitro-2-methylphenol	0.122	0.124		1.639	
n-Nitrosodiphenylamine	0.625	0.624		-0.16	20.0
Azobenzene	1.345	1.496		11.227	
2,4,6-Tribromophenol	0.164	0.188		14.634	
4-Bromophenyl-phenylether	0.217	0.214		-1.382	
Hexachlorobenzene	0.224	0.225		0.446	
Atrazine	0.161	0.156		-3.106	
Pentachlorophenol	0.101	0.083		-17.822	20.0
Phenanthrene	1.030	1.004		-2.524	
Anthracene	1.015	1.005		-0.985	
Carbazole	0.875	0.850		-2.857	
Di-n-butylphthalate	0.984	1.086		10.366	
Fluoranthene	0.961	0.942		-1.977	20.0
Benzidine	0.478	0.387		-19.038	
Pyrene	1.883	1.882		-0.053	
Terphenyl-d14	1.195	1.243		4.017	
Butylbenzylphthalate	0.603	0.680		12.769	
3,3-Dichlorobenzidine	0.352	0.387		9.943	
Benzo(a)anthracene	1.377	1.338		-2.832	
Chrysene	1.243	1.248		0.402	
Bis(2-ethylhexyl)phthalate	0.883	0.966		9.4	
Di-n-octyl phthalate	1.634	1.659		1.53	20.0
Benzo(b)fluoranthene	1.240	1.205		-2.823	
Benzo(k)fluoranthene	1.073	1.034		-3.635	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF080324 SAS No.: BF080324 SDG No.: BF080324

Instrument ID: BNA_F Calibration Date/Time: 8/3/2024 12:09:28

Lab File ID: BF138759.D Init. Calib. Date(s): _____

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

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.043	1.036		-0.671	20.0
Indeno(1,2,3-cd)pyrene	1.433	1.413		-1.396	
Dibenzo(a,h)anthracene	1.177	1.150		-2.294	
Benzo(g,h,i)perylene	1.221	1.201		-1.638	
1,2,4,5-Tetrachlorobenzene	0.556	0.613		10.252	
1,4-Dioxane	0.567	0.503		-11.287	20.0
2,3,4,6-Tetrachlorophenol	0.283	0.309		9.187	
1-Methylnaphthalene	0.652	0.649		-0.46	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF080324 SAS No.: BF080324 SDG No.: BF080324
Instrument ID: BNA_F Calibration Date/Time: 8/3/2024 12:20:24
Lab File ID: BF138780.D Init. Calib. Date(s): _____
EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): _____
GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.818	0.828		1.222	50.0
Pyridine	1.374	1.334		-2.911	50.0
2-Fluorophenol	1.296	1.310		1.08	50.0
Benzaldehyde	1.043	0.981		-5.944	50.0
Aniline	1.551	1.418		-8.575	50.0
Phenol-d6	1.740	1.675		-3.736	50.0
Phenol	1.832	1.761		-3.823	50.0
bis(2-Chloroethyl)ether	1.409	1.299		-7.807	50.0
2-Chlorophenol	1.363	1.368		0.367	50.0
1,2-Dichlorobenzene	1.439	1.476		2.571	50.0
1,3-Dichlorobenzene	1.526	1.541		0.983	50.0
1,4-Dichlorobenzene	1.540	1.540		0.0	50.0
Benzyl Alcohol	1.254	1.256		0.159	50.0
2-Methylphenol	1.126	1.074		-4.618	50.0
2,2-oxybis(1-Chloropropane)	2.426	1.991		-17.931	50.0
Acetophenone	0.490	0.507		3.469	50.0
3+4-Methylphenols	1.444	1.424		-1.385	50.0
n-Nitroso-di-n-propylamine	1.051	1.010	0.050	-3.901	50.0
Nitrobenzene-d5	0.409	0.420		2.689	50.0
Hexachloroethane	0.580	0.577		-0.517	50.0
Nitrobenzene	0.416	0.418		0.481	50.0
Isophorone	0.699	0.678		-3.004	50.0
2-Nitrophenol	0.179	0.187		4.469	50.0
2,4-Dimethylphenol	0.214	0.210		-1.869	50.0
bis(2-Chloroethoxy)methane	0.425	0.419		-1.412	50.0
2,4-Dichlorophenol	0.275	0.279		1.455	50.0
1,2,4-Trichlorobenzene	0.318	0.334		5.031	50.0
Benzoic acid	0.168	0.131		-22.024	50.0
Naphthalene	1.053	1.055		0.19	50.0
4-Chloroaniline	0.353	0.328		-7.082	50.0
Hexachlorobutadiene	0.192	0.212		10.417	50.0
Caprolactam	0.082	0.075		-8.537	50.0
4-Chloro-3-methylphenol	0.315	0.298		-5.397	50.0
2-Methylnaphthalene	0.665	0.663		-0.301	50.0
Hexachlorocyclopentadiene	0.120	0.094	0.050	-21.667	50.0
2,4,6-Trichlorophenol	0.339	0.360		6.195	50.0
2-Fluorobiphenyl	1.331	1.483		11.42	50.0
2,4,5-Trichlorophenol	0.370	0.381		2.973	50.0
1,1-Biphenyl	1.566	1.640		4.725	50.0

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Instrument ID: BNA_F Calibration Date/Time: 8/3/2024 12:20:24

Lab File ID: BF138780.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): _____

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.165	1.207		3.605	50.0
2-Nitroaniline	0.395	0.379		-4.051	50.0
Dimethylphthalate	1.279	1.300		1.642	50.0
Acenaphthylene	1.652	1.682		1.816	50.0
2,6-Dinitrotoluene	0.289	0.298		3.114	50.0
3-Nitroaniline	0.298	0.266		-10.738	50.0
Acenaphthene	1.111	1.104		-0.63	50.0
2,4-Dinitrophenol	0.133	0.098	0.050	-26.316	50.0
4-Nitrophenol	0.179	0.130	0.050	-27.374	50.0
Dibenzofuran	1.568	1.578		0.638	50.0
2,4-Dinitrotoluene	0.368	0.366		-0.543	50.0
Diethylphthalate	1.213	1.257		3.627	50.0
4-Chlorophenyl-phenylether	0.614	0.629		2.443	50.0
Fluorene	1.249	1.246		-0.24	50.0
4-Nitroaniline	0.284	0.255		-10.211	50.0
4,6-Dinitro-2-methylphenol	0.122	0.117		-4.098	50.0
n-Nitrosodiphenylamine	0.625	0.687		9.92	50.0
Azobenzene	1.345	1.255		-6.691	50.0
2,4,6-Tribromophenol	0.164	0.163		-0.61	50.0
4-Bromophenyl-phenylether	0.217	0.254		17.051	50.0
Hexachlorobenzene	0.224	0.242		8.036	50.0
Atrazine	0.161	0.158		-1.863	50.0
Pentachlorophenol	0.101	0.079		-21.782	50.0
Phenanthrene	1.030	1.049		1.845	50.0
Anthracene	1.015	1.041		2.562	50.0
Carbazole	0.875	0.874		-0.114	50.0
Di-n-butylphthalate	0.984	1.172		19.106	50.0
Fluoranthene	0.961	0.960		-0.104	50.0
Benzidine	0.478	0.217		-54.603	50.0
Pyrene	1.883	1.416		-24.801	50.0
Terphenyl-d14	1.195	0.968		-18.996	50.0
Butylbenzylphthalate	0.603	0.605		0.332	50.0
3,3-Dichlorobenzidine	0.352	0.418		18.75	50.0
Benzo(a)anthracene	1.377	1.337		-2.905	50.0
Chrysene	1.243	1.228		-1.207	50.0
Bis(2-ethylhexyl)phthalate	0.883	0.909		2.945	50.0
Di-n-octyl phthalate	1.634	1.604		-1.836	50.0
Benzo(b)fluoranthene	1.240	1.235		-0.403	50.0
Benzo(k)fluoranthene	1.073	1.027		-4.287	50.0

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EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): _____

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.043	1.039		-0.384	50.0
Indeno(1,2,3-cd)pyrene	1.433	1.172		-18.214	50.0
Dibenzo(a,h)anthracene	1.177	0.964		-18.097	50.0
Benzo(g,h,i)perylene	1.221	0.905		-25.88	50.0
1,2,4,5-Tetrachlorobenzene	0.556	0.615		10.612	50.0
1,4-Dioxane	0.567	0.598		5.467	50.0
2,3,4,6-Tetrachlorophenol	0.283	0.271		-4.24	50.0
1-Methylnaphthalene	0.652	0.646		-0.92	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	PB162460BL	SDG No.:	BF080324
Lab Sample ID:	PB162460BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	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
BF138760.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.8	U	86.8	270	330	ug/Kg
110-86-1	Pyridine	79.9	U	79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.9	U	96.9	130	170	ug/Kg
108-95-2	Phenol	82.9	U	82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.7	U	83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.5	U	83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.6	U	84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	86	U	86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.5	U	86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	83	U	83	270	330	ug/Kg
95-48-7	2-Methylphenol	80.6	U	80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.9	U	90.9	130	170	ug/Kg
98-86-2	Acetophenone	86.9	U	86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.8	U	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.3	U	40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	83	U	83	130	170	ug/Kg
98-95-3	Nitrobenzene	90.8	U	90.8	130	170	ug/Kg
78-59-1	Isophorone	84.6	U	84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.5	U	94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.2	U	93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.8	U	85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.5	U	75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.4	U	85.4	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.6	U	82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.6	U	82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.3	U	83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	PB162460BL	SDG No.:	BF080324
Lab Sample ID:	PB162460BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 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
BF138760.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.8	U	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.5	U	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.5	U	82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.4	U	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.3	U	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	95	U	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.7	U	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	86.5	U	86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.2	U	83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.2	U	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	81.1	U	81.1	130	170	ug/Kg
Total PAH	Total PAH	1325.1	U	1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.4	U	84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.2	U	86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.4	U	169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	80.1	U	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.6	U	85.6	130	170	ug/Kg
86-73-7	Fluorene	85.5	U	85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.6	U	81.6	130	170	ug/Kg
103-33-3	Azobenzene	79.6	U	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.9	U	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	85	U	85	130	170	ug/Kg
1912-24-9	Atrazine	91.4	U	91.4	130	170	ug/Kg



Client:				Date Collected:	8/2/2024 12:00:00 AM	
Project:				Date Received:	8/2/2024 12:00:00 AM	
Client Sample ID:	PB162460BL			SDG No.:	BF080324	
Lab Sample ID:	PB162460BL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.01	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
BF138760.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	130.816		18-112		87	SPK: -150
13127-88-3	Phenol-d6	133.962		15-107		89	SPK: -150
4165-60-0	Nitrobenzene-d5	76.123		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	91.133		20-109		91	SPK: -100

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	PB162460BL	SDG No.:	BF080324
Lab Sample ID:	PB162460BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 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
BF138760.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	146.03		10-110		97	SPK: -150
1718-51-0	Terphenyl-d14	103.093		14-112		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59476	6.845				
1146-65-2	Naphthalene-d8	279727	8.128				
15067-26-2	Acenaphthene-d10	153564	9.88				
1517-22-2	Phenanthrene-d10	295187	11.369				
1719-03-5	Chrysene-d12	179048	14.01				
1520-96-3	Perylene-d12	145319	15.48				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	160	J			2.169	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	230	A			5.087	

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	PB162460BS	SDG No.:	BF080324
Lab Sample ID:	PB162460BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	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
BF138761.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		86.7	270	330	ug/Kg
110-86-1	Pyridine	880		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	1600		180	270	330	ug/Kg
62-53-3	Aniline	1100		96.8	130	170	ug/Kg
108-95-2	Phenol	1400		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.7	130	170	ug/Kg
78-59-1	Isophorone	1700		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1700		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1800		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1200		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	950		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	PB162460BS	SDG No.:	BF080324
Lab Sample ID:	PB162460BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	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
BF138761.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1400		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3300	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1200		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1200		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1300		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1000		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1300		81	130	170	ug/Kg
Total PAH	Total PAH	24100		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2600		240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2300		120	270	330	ug/Kg
132-64-9	Dibenzofuran	1300		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2900		169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	1400		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		85.5	130	170	ug/Kg
86-73-7	Fluorene	1300		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1200		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1300		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1800		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	PB162460BS	SDG No.:	BF080324
Lab Sample ID:	PB162460BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF138761.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2700		77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1500		83.9	130	170	ug/Kg
120-12-7	Anthracene	1600		84.3	130	170	ug/Kg
86-74-8	Carbazole	1500		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1700		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.6	130	170	ug/Kg
92-87-5	Benzidine	630		160	270	330	ug/Kg
129-00-0	Pyrene	1500		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1600		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.6	130	170	ug/Kg
218-01-9	Chrysene	1600		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	820		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	102.086		18-112		68	SPK: -150
13127-88-3	Phenol-d6	114.537		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	85.788		18-107		86	SPK: -100
321-60-8	2-Fluorobiphenyl	71.262		20-109		71	SPK: -100

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	PB162460BS	SDG No.:	BF080324
Lab Sample ID:	PB162460BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF138761.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	120.206		10-110		80	SPK: -150
1718-51-0	Terphenyl-d14	90.959		14-112		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	64365	6.845				
1146-65-2	Naphthalene-d8	249170	8.128				
15067-26-2	Acenaphthene-d10	158082	9.886				
1517-22-2	Phenanthrene-d10	274373	11.375				
1719-03-5	Chrysene-d12	133392	14.016				
1520-96-3	Perylene-d12	148445	15.48				

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	OU4-PCS-02-072324RX	SDG No.:	BF080324
Lab Sample ID:	P3379-03RX	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
Sample Wt/Vol:	30.04 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
BF138762.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	410	ug/Kg
110-86-1	Pyridine	99.4	U	99.4	160	210	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	410	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	340	410	ug/Kg
95-48-7	2-Methylphenol	100	U	100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	99.2	U	99.2	340	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.1	U	50.1	99.5	99.5	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	110	U	110	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	93.9	U	93.9	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	340	410	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	OU4-PCS-02-072324RX	SDG No.:	BF080324
Lab Sample ID:	P3379-03RX	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
Sample Wt/Vol:	30.04	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
BF138762.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96.4	U	96.4	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	340	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	88.8	U	88.8	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	92	U	92	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	210	ug/Kg
Total PAH	Total PAH	1635.6	U	1635.6	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	340	410	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	340	410	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
84-66-2	Diethylphthalate	99.6	U	99.6	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	99	U	99	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	98.1	U	98.1	160	210	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	OU4-PCS-02-072324RX	SDG No.:	BF080324
Lab Sample ID:	P3379-03RX	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
Sample Wt/Vol:	30.04 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
BF138762.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	96.1	U	96.1	340	410	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	99.9	U	99.9	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	100	U	100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	340	410	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	340	410	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	160	210	ug/Kg
218-01-9	Chrysene	98.9	U	98.9	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	97.1	U	97.1	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	99.6	U	99.6	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	92.9	U	92.9	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	123.791		18-112		83	SPK: -150
13127-88-3	Phenol-d6	129.161		15-107		86	SPK: -150
4165-60-0	Nitrobenzene-d5	84.494		18-107		84	SPK: -100
321-60-8	2-Fluorobiphenyl	82.371		20-109		82	SPK: -100

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	OU4-PCS-02-072324RX	SDG No.:	BF080324
Lab Sample ID:	P3379-03RX	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
Sample Wt/Vol:	30.04 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
BF138762.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	141.779		10-110		95	SPK: -150
1718-51-0	Terphenyl-d14	96.181		14-112		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53746	6.845				
1146-65-2	Naphthalene-d8	242226	8.128				
15067-26-2	Acenaphthene-d10	143809	9.88				
1517-22-2	Phenanthrene-d10	209060	11.369				
1719-03-5	Chrysene-d12	126686	14.01				
1520-96-3	Perylene-d12	130904	15.48				

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	VNJ-222MS	SDG No.:	BF080324
Lab Sample ID:	P3402-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
Sample Wt/Vol:	50.03	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
BF138763.D	1	7/31/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	970		58.8	180	220	ug/Kg
110-86-1	Pyridine	830		54.1	88.1	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	1000		65.7	88.1	120	ug/Kg
108-95-2	Phenol	1100		56.2	88.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		56.7	88.1	120	ug/Kg
95-57-8	2-Chlorophenol	1100		56.6	88.1	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		57.3	88.1	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		58.3	88.1	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		58.6	88.1	120	ug/Kg
100-51-6	Benzyl Alcohol	1200		56.2	180	220	ug/Kg
95-48-7	2-Methylphenol	1100		54.6	88.1	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		61.6	88.1	120	ug/Kg
98-86-2	Acetophenone	1000		58.9	88.1	120	ug/Kg
65794-96-9	3+4-Methylphenols	1200		54.1	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		27.3	54.2	54.2	ug/Kg
67-72-1	Hexachloroethane	1100		56.2	88.1	120	ug/Kg
98-95-3	Nitrobenzene	1000		61.5	88.1	120	ug/Kg
78-59-1	Isophorone	1100		57.3	88.1	120	ug/Kg
88-75-5	2-Nitrophenol	1200		64	88.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		63.1	88.1	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		58.1	88.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		51.2	88.1	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		57.9	88.1	120	ug/Kg
65-85-0	Benzoic acid	920		160	180	220	ug/Kg
91-20-3	Naphthalene	1100		56	88.1	120	ug/Kg
106-47-8	4-Chloroaniline	910		56	88.1	120	ug/Kg
87-68-3	Hexachlorobutadiene	1100		56.4	88.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	VNJ-222MS	SDG No.:	BF080324
Lab Sample ID:	P3402-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
Sample Wt/Vol:	50.03	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
BF138763.D	1	7/31/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		58.8	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		52.5	88.1	120	ug/Kg
91-57-6	2-Methylnaphthalene	1100		55.9	88.1	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1900	E	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	980		48.4	88.1	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	970		50.1	88.1	120	ug/Kg
92-52-4	1,1-Biphenyl	940		59.2	88.1	120	ug/Kg
91-58-7	2-Chloronaphthalene	990		56.4	88.1	120	ug/Kg
88-74-4	2-Nitroaniline	1200		64.4	88.1	120	ug/Kg
131-11-3	Dimethylphthalate	1200		55.4	88.1	120	ug/Kg
208-96-8	Acenaphthylene	1200		58.6	88.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		56.4	88.1	120	ug/Kg
99-09-2	3-Nitroaniline	950		60.4	88.1	120	ug/Kg
83-32-9	Acenaphthene	1100		55	88.1	120	ug/Kg
Total PAH	Total PAH	18300		898	88.1	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	2200	E	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2000	E	78.6	180	220	ug/Kg
132-64-9	Dibenzofuran	1100		57.2	88.1	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		114.8	88.1	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		58.4	88.1	120	ug/Kg
84-66-2	Diethylphthalate	1200		54.3	88.1	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		58	88.1	120	ug/Kg
86-73-7	Fluorene	1000		57.9	88.1	120	ug/Kg
100-01-6	4-Nitroaniline	920		72.5	88.1	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	990		79.3	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		55.3	88.1	120	ug/Kg
103-33-3	Azobenzene	960		53.9	88.1	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		53.5	88.1	120	ug/Kg
118-74-1	Hexachlorobenzene	1000		57.6	88.1	120	ug/Kg
1912-24-9	Atrazine	1200		61.9	88.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	VNJ-222MS	SDG No.:	BF080324
Lab Sample ID:	P3402-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
Sample Wt/Vol:	50.03 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
BF138763.D	1	7/31/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1700		52.4	180	220	ug/Kg
85-01-8	Phenanthrene	1100		56.9	88.1	120	ug/Kg
120-12-7	Anthracene	1200		57.2	88.1	120	ug/Kg
86-74-8	Carbazole	1100		54.4	88.1	120	ug/Kg
84-74-2	Di-n-butylphthalate	1300		57.1	88.1	120	ug/Kg
206-44-0	Fluoranthene	1100		55.4	88.1	120	ug/Kg
92-87-5	Benzidine	1100		110	180	220	ug/Kg
129-00-0	Pyrene	1100		56.2	88.1	120	ug/Kg
85-68-7	Butylbenzylphthalate	1300		65.6	88.1	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		66.8	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1100		54.7	88.1	120	ug/Kg
218-01-9	Chrysene	1100		53.9	88.1	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		61.7	88.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		74.5	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		55	88.1	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		56	88.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	1200		63	88.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		52.9	88.1	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		55	88.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		54.3	88.1	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	870		58.8	88.1	120	ug/Kg
123-91-1	1,4-Dioxane	770		74.5	88.1	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		50.6	88.1	120	ug/Kg
90-12-0	1-Methylnaphthalene	1000		56.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.025		18-112		57	SPK: -150
13127-88-3	Phenol-d6	93.487		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	62.189		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	56.184		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	VNJ-222MS	SDG No.:	BF080324
Lab Sample ID:	P3402-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
Sample Wt/Vol:	50.03 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
BF138763.D	1	7/31/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	86.946		10-110		58	SPK: -150
1718-51-0	Terphenyl-d14	77.673		14-112		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56824	6.845				
1146-65-2	Naphthalene-d8	246946	8.128				
15067-26-2	Acenaphthene-d10	162491	9.886				
1517-22-2	Phenanthrene-d10	264133	11.375				
1719-03-5	Chrysene-d12	125417	14.016				
1520-96-3	Perylene-d12	122767	15.48				

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	VNJ-222MSD	SDG No.:	BF080324
Lab Sample ID:	P3402-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
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
BF138764.D	1	7/31/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1000		58.8	180	220	ug/Kg
110-86-1	Pyridine	850		54.1	88	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	1000		65.6	88	120	ug/Kg
108-95-2	Phenol	1100		56.1	88	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		56.7	88	120	ug/Kg
95-57-8	2-Chlorophenol	1100		56.6	88	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		57.3	88	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		58.2	88	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		58.6	88	120	ug/Kg
100-51-6	Benzyl Alcohol	1200		56.2	180	220	ug/Kg
95-48-7	2-Methylphenol	1200		54.6	88	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		61.6	88	120	ug/Kg
98-86-2	Acetophenone	1100		58.9	88	120	ug/Kg
65794-96-9	3+4-Methylphenols	1200		54	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		27.3	54.2	54.2	ug/Kg
67-72-1	Hexachloroethane	1100		56.2	88	120	ug/Kg
98-95-3	Nitrobenzene	1100		61.5	88	120	ug/Kg
78-59-1	Isophorone	1200		57.3	88	120	ug/Kg
88-75-5	2-Nitrophenol	1300		64	88	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		63.1	88	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		58.1	88	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		51.1	88	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		57.8	88	120	ug/Kg
65-85-0	Benzoic acid	920		160	180	220	ug/Kg
91-20-3	Naphthalene	1100		55.9	88	120	ug/Kg
106-47-8	4-Chloroaniline	950		55.9	88	120	ug/Kg
87-68-3	Hexachlorobutadiene	1100		56.4	88	120	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	VNJ-222MSD	SDG No.:	BF080324
Lab Sample ID:	P3402-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
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
BF138764.D	1	7/31/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1200		58.8	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		52.5	88	120	ug/Kg
91-57-6	2-Methylnaphthalene	1200		55.9	88	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2300	E	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		48.4	88	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		50.1	88	120	ug/Kg
92-52-4	1,1-Biphenyl	1000		59.2	88	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		56.4	88	120	ug/Kg
88-74-4	2-Nitroaniline	1200		64.3	88	120	ug/Kg
131-11-3	Dimethylphthalate	1200		55.3	88	120	ug/Kg
208-96-8	Acenaphthylene	1200		58.6	88	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		56.4	88	120	ug/Kg
99-09-2	3-Nitroaniline	960		60.4	88	120	ug/Kg
83-32-9	Acenaphthene	1100		54.9	88	120	ug/Kg
Total PAH	Total PAH	18660		897.4	88	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	2300	E	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2200	E	78.6	180	220	ug/Kg
132-64-9	Dibenzofuran	1300		57.2	88	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		58.4	88	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2500		114.8	88	240	ug/Kg
84-66-2	Diethylphthalate	1400		54.3	88	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		58	88	120	ug/Kg
86-73-7	Fluorene	1200		57.9	88	120	ug/Kg
100-01-6	4-Nitroaniline	1100		72.5	88	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1000		79.2	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		55.3	88	120	ug/Kg
103-33-3	Azobenzene	1200		53.9	88	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	970		53.4	88	120	ug/Kg
118-74-1	Hexachlorobenzene	980		57.6	88	120	ug/Kg
1912-24-9	Atrazine	1200		61.9	88	120	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	VNJ-222MSD	SDG No.:	BF080324
Lab Sample ID:	P3402-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
Sample Wt/Vol:	50.05 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
BF138764.D	1	7/31/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1900	E	52.4	180	220	ug/Kg
85-01-8	Phenanthrene	1100		56.9	88	120	ug/Kg
120-12-7	Anthracene	1100		57.2	88	120	ug/Kg
86-74-8	Carbazole	1100		54.4	88	120	ug/Kg
84-74-2	Di-n-butylphthalate	1300		57.1	88	120	ug/Kg
206-44-0	Fluoranthene	960		55.3	88	120	ug/Kg
92-87-5	Benzidine	1100		110	180	220	ug/Kg
129-00-0	Pyrene	1200		56.2	88	120	ug/Kg
85-68-7	Butylbenzylphthalate	1400		65.6	88	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		66.8	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1200		54.7	88	120	ug/Kg
218-01-9	Chrysene	1100		53.8	88	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		61.6	88	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		74.5	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		54.9	88	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		55.9	88	120	ug/Kg
50-32-8	Benzo(a)pyrene	1200		63	88	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		52.9	88	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		55	88	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		54.3	88	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		58.8	88	120	ug/Kg
123-91-1	1,4-Dioxane	780		74.5	88	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		50.6	88	120	ug/Kg
90-12-0	1-Methylnaphthalene	1100		56.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	89.102		18-112		59	SPK: -150
13127-88-3	Phenol-d6	93.406		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	68.01		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	66.183		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	VNJ-222MSD	SDG No.:	BF080324
Lab Sample ID:	P3402-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
Sample Wt/Vol:	50.05 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
BF138764.D	1	7/31/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	101.711		10-110		68	SPK: -150
1718-51-0	Terphenyl-d14	81.306		14-112		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61608	6.845				
1146-65-2	Naphthalene-d8	248798	8.128				
15067-26-2	Acenaphthene-d10	139445	9.886				
1517-22-2	Phenanthrene-d10	271345	11.369				
1719-03-5	Chrysene-d12	121785	14.01				
1520-96-3	Perylene-d12	117840	15.48				

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	EB-03-072624	SDG No.:	BF080324
Lab Sample ID:	P3393-25	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
BF138765.D	1	7/31/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	EB-03-072624	SDG No.:	BF080324
Lab Sample ID:	P3393-25	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138765.D	1	7/31/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	EB-03-072624	SDG No.:	BF080324
Lab Sample ID:	P3393-25	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
BF138765.D	1	7/31/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	48.739		10-139		32	SPK: -150
13127-88-3	Phenol-d6	29.1		10-134		19	SPK: -150
4165-60-0	Nitrobenzene-d5	71.332		49-133		71	SPK: -100
321-60-8	2-Fluorobiphenyl	79.424		52-132		79	SPK: -100

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	EB-03-072624	SDG No.:	BF080324
Lab Sample ID:	P3393-25	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
BF138765.D	1	7/31/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	135.629		32-145		90	SPK: -150
1718-51-0	Terphenyl-d14	121.707		36-145		122	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49844	6.846				
1146-65-2	Naphthalene-d8	246722	8.128				
15067-26-2	Acenaphthene-d10	141240	9.881				
1517-22-2	Phenanthrene-d10	254966	11.369				
1719-03-5	Chrysene-d12	130267	14.01				
1520-96-3	Perylene-d12	138581	15.474				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	260	J			2.14	
117888-04-7	2,4-Diethyl-6-methyl-1,3,5-trioxan	2.6	J			8.369	

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	EB-02-072624	SDG No.:	BF080324
Lab Sample ID:	P3393-26	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
BF138766.D	1	7/31/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	EB-02-072624	SDG No.:	BF080324
Lab Sample ID:	P3393-26	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138766.D	1	7/31/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	EB-02-072624	SDG No.:	BF080324
Lab Sample ID:	P3393-26	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
BF138766.D	1	7/31/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	50.225		10-139		33	SPK: -150
13127-88-3	Phenol-d6	30.314		10-134		20	SPK: -150
4165-60-0	Nitrobenzene-d5	79.454		49-133		79	SPK: -100
321-60-8	2-Fluorobiphenyl	76.785		52-132		77	SPK: -100

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	EB-02-072624	SDG No.:	BF080324
Lab Sample ID:	P3393-26	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
BF138766.D	1	7/31/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	144.794		32-145		97	SPK: -150
1718-51-0	Terphenyl-d14	107.141		36-145		107	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59945	6.845				
1146-65-2	Naphthalene-d8	257179	8.128				
15067-26-2	Acenaphthene-d10	162316	9.88				
1517-22-2	Phenanthrene-d10	301171	11.369				
1719-03-5	Chrysene-d12	137794	14.01				
1520-96-3	Perylene-d12	142490	15.474				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	230	J			2.14	
117888-04-7	2,4-Diethyl-6-methyl-1,3,5-trioxan	2.5	J			8.363	
000057-10-3	n-Hexadecanoic acid	2.5	J			11.892	

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	EB-01-072624	SDG No.:	BF080324
Lab Sample ID:	P3393-27	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
BF138767.D	1	7/31/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	EB-01-072624	SDG No.:	BF080324
Lab Sample ID:	P3393-27	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138767.D	1	7/31/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	EB-01-072624	SDG No.:	BF080324
Lab Sample ID:	P3393-27	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
BF138767.D	1	7/31/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	40.016		10-139		27	SPK: -150
13127-88-3	Phenol-d6	23.942		10-134		16	SPK: -150
4165-60-0	Nitrobenzene-d5	70.953		49-133		71	SPK: -100
321-60-8	2-Fluorobiphenyl	66.051		52-132		66	SPK: -100

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	EB-01-072624	SDG No.:	BF080324
Lab Sample ID:	P3393-27	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
BF138767.D	1	7/31/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	118.688		32-145		79	SPK: -150
1718-51-0	Terphenyl-d14	95.957		36-145		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	48417	6.846				
1146-65-2	Naphthalene-d8	202547	8.122				
15067-26-2	Acenaphthene-d10	128640	9.881				
1517-22-2	Phenanthrene-d10	246963	11.369				
1719-03-5	Chrysene-d12	124350	14.004				
1520-96-3	Perylene-d12	136572	15.474				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	190	J			2.122	
000106-62-7	1-Propanol, 2-(2-hydroxypropoxy)-	2.1	J			8.363	
015594-90-8	1-Heneicosanol	3.7	J			13.857	

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP4	SDG No.:	BF080324
Lab Sample ID:	P3448-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.07	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
BF138768.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.6	U	58.6	180	220	ug/Kg
110-86-1	Pyridine	53.9	U	53.9	87.7	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.4	U	65.4	87.7	110	ug/Kg
108-95-2	Phenol	55.9	U	55.9	87.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.5	U	56.5	87.7	110	ug/Kg
95-57-8	2-Chlorophenol	56.3	U	56.3	87.7	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.1	U	57.1	87.7	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	58	U	58	87.7	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.4	U	58.4	87.7	110	ug/Kg
100-51-6	Benzyl Alcohol	56	U	56	180	220	ug/Kg
95-48-7	2-Methylphenol	54.4	U	54.4	87.7	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.3	U	61.3	87.7	110	ug/Kg
98-86-2	Acetophenone	58.6	U	58.6	87.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.8	U	53.8	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.2	U	27.2	54	54	ug/Kg
67-72-1	Hexachloroethane	56	U	56	87.7	110	ug/Kg
98-95-3	Nitrobenzene	61.3	U	61.3	87.7	110	ug/Kg
78-59-1	Isophorone	57.1	U	57.1	87.7	110	ug/Kg
88-75-5	2-Nitrophenol	63.8	U	63.8	87.7	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.9	U	62.9	87.7	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.9	U	57.9	87.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.9	U	50.9	87.7	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.6	U	57.6	87.7	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.7	U	55.7	87.7	110	ug/Kg
106-47-8	4-Chloroaniline	55.7	U	55.7	87.7	110	ug/Kg
87-68-3	Hexachlorobutadiene	56.2	U	56.2	87.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP4	SDG No.:	BF080324
Lab Sample ID:	P3448-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.07	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
BF138768.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.6	U	58.6	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.3	U	52.3	87.7	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.7	U	55.7	87.7	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.2	U	48.2	87.7	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.9	U	49.9	87.7	110	ug/Kg
92-52-4	1,1-Biphenyl	59	U	59	87.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	56.2	U	56.2	87.7	110	ug/Kg
88-74-4	2-Nitroaniline	64.1	U	64.1	87.7	110	ug/Kg
131-11-3	Dimethylphthalate	55.1	U	55.1	87.7	110	ug/Kg
208-96-8	Acenaphthylene	58.4	U	58.4	87.7	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.1	U	56.1	87.7	110	ug/Kg
99-09-2	3-Nitroaniline	60.2	U	60.2	87.7	110	ug/Kg
83-32-9	Acenaphthene	54.7	U	54.7	87.7	110	ug/Kg
Total PAH	Total PAH	1594.5	U	894	87.7	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.3	U	78.3	180	220	ug/Kg
132-64-9	Dibenzofuran	56.9	U	56.9	87.7	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.2	U	58.2	87.7	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.3	U	114.3	87.7	220	ug/Kg
84-66-2	Diethylphthalate	54	U	54	87.7	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.8	U	57.8	87.7	110	ug/Kg
86-73-7	Fluorene	57.7	U	57.7	87.7	110	ug/Kg
100-01-6	4-Nitroaniline	72.2	U	72.2	87.7	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.9	U	78.9	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.1	U	55.1	87.7	110	ug/Kg
103-33-3	Azobenzene	53.7	U	53.7	87.7	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.2	U	53.2	87.7	110	ug/Kg
118-74-1	Hexachlorobenzene	57.4	U	57.4	87.7	110	ug/Kg
1912-24-9	Atrazine	61.7	U	61.7	87.7	110	ug/Kg

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM		
Project:				Date Received:	8/1/2024 12:00:00 AM		
Client Sample ID:	TP4			SDG No.:	BF080324		
Lab Sample ID:	P3448-07			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	11.2		
Sample Wt/Vol:	50.07	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
BF138768.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.2	U	52.2	180	220	ug/Kg
85-01-8	Phenanthrene	200		56.7	87.7	110	ug/Kg
120-12-7	Anthracene	56.9	U	56.9	87.7	110	ug/Kg
86-74-8	Carbazole	54.2	U	54.2	87.7	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.9	U	56.9	87.7	110	ug/Kg
206-44-0	Fluoranthene	300		55.1	87.7	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	360		56	87.7	110	ug/Kg
85-68-7	Butylbenzylphthalate	65.3	U	65.3	87.7	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.5	U	66.5	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	160		54.5	87.7	110	ug/Kg
218-01-9	Chrysene	140		53.6	87.7	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.4	U	61.4	87.7	110	ug/Kg
117-84-0	Di-n-octyl phthalate	74.2	U	74.2	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	140		54.7	87.7	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.7	U	55.7	87.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	140		62.8	87.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	72.3	J	52.7	87.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.8	U	54.8	87.7	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	82.2	J	54	87.7	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.6	U	58.6	87.7	110	ug/Kg
123-91-1	1,4-Dioxane	74.2	U	74.2	87.7	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.4	U	50.4	87.7	110	ug/Kg
90-12-0	1-Methylnaphthalene	56.1	U	56.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.059		18-112		60	SPK: -150
13127-88-3	Phenol-d6	92.841		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	60.013		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	64.006		20-109		64	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP4	SDG No.:	BF080324
Lab Sample ID:	P3448-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.07	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
BF138768.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	109.118		10-110		73	SPK: -150
1718-51-0	Terphenyl-d14	84.751		14-112		85	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61913	6.845				
1146-65-2	Naphthalene-d8	248349	8.128				
15067-26-2	Acenaphthene-d10	135068	9.88				
1517-22-2	Phenanthrene-d10	212953	11.369				
1719-03-5	Chrysene-d12	99884	14.01				
1520-96-3	Perylene-d12	127328	15.474				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			2.146	
	unknown3.387	45.7	J			3.387	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	A			5.069	
000770-35-4	1-Phenoxypropan-2-ol	60.5	J			8.439	
	unknown9.975	51.1	J			9.975	
000057-10-3	n-Hexadecanoic acid	96.7	J			11.892	
000203-64-5	4H-Cyclopenta[def]phenanthrene	97.6	J			11.98	
000243-17-4	11H-Benzo[b]fluorene	52.4	J			13.133	
006222-03-3	Trifluoroacetoxy hexadecane	76.9	J			13.857	
000192-97-2	Benzo[e]pyrene	87.5	J			15.351	

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP4MS	SDG No.:	BF080324
Lab Sample ID:	P3448-07MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.06	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
BF138769.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		58.6	180	220	ug/Kg
110-86-1	Pyridine	860		53.9	87.7	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	590		65.4	87.7	110	ug/Kg
108-95-2	Phenol	1000		55.9	87.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	990		56.5	87.7	110	ug/Kg
95-57-8	2-Chlorophenol	1100		56.4	87.7	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		57.1	87.7	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		58	87.7	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		58.4	87.7	110	ug/Kg
100-51-6	Benzyl Alcohol	1100		56	180	220	ug/Kg
95-48-7	2-Methylphenol	1100		54.4	87.7	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	920		61.3	87.7	110	ug/Kg
98-86-2	Acetophenone	1000		58.6	87.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	1100		53.9	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		27.2	54	54	ug/Kg
67-72-1	Hexachloroethane	1000		56	87.7	110	ug/Kg
98-95-3	Nitrobenzene	970		61.3	87.7	110	ug/Kg
78-59-1	Isophorone	1000		57.1	87.7	110	ug/Kg
88-75-5	2-Nitrophenol	1100		63.8	87.7	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		62.9	87.7	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		57.9	87.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		51	87.7	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		57.6	87.7	110	ug/Kg
65-85-0	Benzoic acid	770		160	180	220	ug/Kg
91-20-3	Naphthalene	1000		55.7	87.7	110	ug/Kg
106-47-8	4-Chloroaniline	300		55.7	87.7	110	ug/Kg
87-68-3	Hexachlorobutadiene	1000		56.2	87.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP4MS	SDG No.:	BF080324
Lab Sample ID:	P3448-07MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.06	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
BF138769.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1000		58.6	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		52.3	87.7	110	ug/Kg
91-57-6	2-Methylnaphthalene	1100		55.7	87.7	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2200	E	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		48.2	87.7	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		49.9	87.7	110	ug/Kg
92-52-4	1,1-Biphenyl	970		59	87.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	1000		56.2	87.7	110	ug/Kg
88-74-4	2-Nitroaniline	1000		64.1	87.7	110	ug/Kg
131-11-3	Dimethylphthalate	1100		55.1	87.7	110	ug/Kg
208-96-8	Acenaphthylene	1100		58.4	87.7	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		56.1	87.7	110	ug/Kg
99-09-2	3-Nitroaniline	550		60.2	87.7	110	ug/Kg
83-32-9	Acenaphthene	1000		54.7	87.7	110	ug/Kg
Total PAH	Total PAH	17850		894.3	87.7	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	1800	E	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	1800		78.3	180	220	ug/Kg
132-64-9	Dibenzofuran	1100		57	87.7	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2100		114.3	87.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		58.2	87.7	110	ug/Kg
84-66-2	Diethylphthalate	1100		54.1	87.7	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		57.8	87.7	110	ug/Kg
86-73-7	Fluorene	1100		57.7	87.7	110	ug/Kg
100-01-6	4-Nitroaniline	940		72.2	87.7	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		79	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		55.1	87.7	110	ug/Kg
103-33-3	Azobenzene	1100		53.7	87.7	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		53.2	87.7	110	ug/Kg
118-74-1	Hexachlorobenzene	1100		57.4	87.7	110	ug/Kg
1912-24-9	Atrazine	1300		61.7	87.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP4MS	SDG No.:	BF080324
Lab Sample ID:	P3448-07MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.06	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
BF138769.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1800	E	52.2	180	220	ug/Kg
85-01-8	Phenanthrene	1300		56.7	87.7	110	ug/Kg
120-12-7	Anthracene	1200		57	87.7	110	ug/Kg
86-74-8	Carbazole	1000		54.2	87.7	110	ug/Kg
84-74-2	Di-n-butylphthalate	1300		56.9	87.7	110	ug/Kg
206-44-0	Fluoranthene	1200		55.1	87.7	110	ug/Kg
92-87-5	Benzidine	780		110	180	220	ug/Kg
129-00-0	Pyrene	1300		56	87.7	110	ug/Kg
85-68-7	Butylbenzylphthalate	1300		65.3	87.7	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	680		66.5	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1200		54.5	87.7	110	ug/Kg
218-01-9	Chrysene	1200		53.7	87.7	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		61.4	87.7	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		74.2	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		54.7	87.7	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		55.7	87.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	1200		62.8	87.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		52.7	87.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	980		54.8	87.7	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	870		54.1	87.7	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		58.6	87.7	110	ug/Kg
123-91-1	1,4-Dioxane	830		74.2	87.7	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		50.4	87.7	110	ug/Kg
90-12-0	1-Methylnaphthalene	1000		56.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.35		18-112		57	SPK: -150
13127-88-3	Phenol-d6	87.821		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	56.529		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	59.351		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP4MS	SDG No.:	BF080324
Lab Sample ID:	P3448-07MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.06	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
BF138769.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	92.718		10-110		62	SPK: -150
1718-51-0	Terphenyl-d14	67.522		14-112		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45415	6.845				
1146-65-2	Naphthalene-d8	186951	8.128				
15067-26-2	Acenaphthene-d10	102625	9.88				
1517-22-2	Phenanthrene-d10	159430	11.369				
1719-03-5	Chrysene-d12	78483	14.01				
1520-96-3	Perylene-d12	92586	15.474				

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP4MSD	SDG No.:	BF080324
Lab Sample ID:	P3448-07MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.01	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
BF138770.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		58.6	180	220	ug/Kg
110-86-1	Pyridine	900		54	87.8	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	590		65.5	87.8	110	ug/Kg
108-95-2	Phenol	1000		56	87.8	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		56.5	87.8	110	ug/Kg
95-57-8	2-Chlorophenol	1100		56.4	87.8	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		57.2	87.8	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		58.1	87.8	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		58.4	87.8	110	ug/Kg
100-51-6	Benzyl Alcohol	1100		56.1	180	220	ug/Kg
95-48-7	2-Methylphenol	1100		54.4	87.8	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	950		61.4	87.8	110	ug/Kg
98-86-2	Acetophenone	1000		58.7	87.8	110	ug/Kg
65794-96-9	3+4-Methylphenols	1100		53.9	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		27.2	54	54	ug/Kg
67-72-1	Hexachloroethane	1100		56.1	87.8	110	ug/Kg
98-95-3	Nitrobenzene	1000		61.3	87.8	110	ug/Kg
78-59-1	Isophorone	1100		57.2	87.8	110	ug/Kg
88-75-5	2-Nitrophenol	1100		63.8	87.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		63	87.8	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		58	87.8	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		51	87.8	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		57.7	87.8	110	ug/Kg
65-85-0	Benzoic acid	820		160	180	220	ug/Kg
91-20-3	Naphthalene	1100		55.8	87.8	110	ug/Kg
106-47-8	4-Chloroaniline	270		55.8	87.8	110	ug/Kg
87-68-3	Hexachlorobutadiene	1100		56.3	87.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP4MSD	SDG No.:	BF080324
Lab Sample ID:	P3448-07MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.01	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
BF138770.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		58.6	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		52.4	87.8	110	ug/Kg
91-57-6	2-Methylnaphthalene	1100		55.7	87.8	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2300	E	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		48.2	87.8	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		50	87.8	110	ug/Kg
92-52-4	1,1-Biphenyl	1000		59	87.8	110	ug/Kg
91-58-7	2-Chloronaphthalene	1100		56.3	87.8	110	ug/Kg
88-74-4	2-Nitroaniline	1100		64.2	87.8	110	ug/Kg
131-11-3	Dimethylphthalate	1200		55.2	87.8	110	ug/Kg
208-96-8	Acenaphthylene	1200		58.4	87.8	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		56.2	87.8	110	ug/Kg
99-09-2	3-Nitroaniline	570		60.3	87.8	110	ug/Kg
83-32-9	Acenaphthene	1100		54.8	87.8	110	ug/Kg
Total PAH	Total PAH	18130		895.2	87.8	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	2000	E	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	1900	E	78.4	180	220	ug/Kg
132-64-9	Dibenzofuran	1100		57	87.8	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		114.4	87.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		58.2	87.8	110	ug/Kg
84-66-2	Diethylphthalate	1200		54.1	87.8	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		57.8	87.8	110	ug/Kg
86-73-7	Fluorene	1100		57.8	87.8	110	ug/Kg
100-01-6	4-Nitroaniline	1000		72.3	87.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		79	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		55.1	87.8	110	ug/Kg
103-33-3	Azobenzene	1100		53.8	87.8	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		53.3	87.8	110	ug/Kg
118-74-1	Hexachlorobenzene	1100		57.4	87.8	110	ug/Kg
1912-24-9	Atrazine	1300		61.7	87.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP4MSD	SDG No.:	BF080324
Lab Sample ID:	P3448-07MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.01	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
BF138770.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1800	E	52.2	180	220	ug/Kg
85-01-8	Phenanthrene	1300		56.7	87.8	110	ug/Kg
120-12-7	Anthracene	1200		57	87.8	110	ug/Kg
86-74-8	Carbazole	1100		54.2	87.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	1300		56.9	87.8	110	ug/Kg
206-44-0	Fluoranthene	1300		55.2	87.8	110	ug/Kg
92-87-5	Benzidine	800		110	180	220	ug/Kg
129-00-0	Pyrene	1200		56.1	87.8	110	ug/Kg
85-68-7	Butylbenzylphthalate	1500		65.4	87.8	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	720		66.6	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1300		54.5	87.8	110	ug/Kg
218-01-9	Chrysene	1200		53.7	87.8	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		61.5	87.8	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		74.3	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		54.8	87.8	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		55.8	87.8	110	ug/Kg
50-32-8	Benzo(a)pyrene	1200		62.8	87.8	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	950		52.8	87.8	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	910		54.9	87.8	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	870		54.1	87.8	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		58.6	87.8	110	ug/Kg
123-91-1	1,4-Dioxane	860		74.3	87.8	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		50.5	87.8	110	ug/Kg
90-12-0	1-Methylnaphthalene	1000		56.2	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.282		18-112		59	SPK: -150
13127-88-3	Phenol-d6	87.894		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	58.906		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	61.361		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP4MSD	SDG No.:	BF080324
Lab Sample ID:	P3448-07MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.01 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
BF138770.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	99.021		10-110		66	SPK: -150
1718-51-0	Terphenyl-d14	69.495		14-112		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	48480	6.845				
1146-65-2	Naphthalene-d8	196684	8.128				
15067-26-2	Acenaphthene-d10	105814	9.881				
1517-22-2	Phenanthrene-d10	177469	11.369				
1719-03-5	Chrysene-d12	101224	14.01				
1520-96-3	Perylene-d12	122908	15.48				

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP6	SDG No.:	BF080324
Lab Sample ID:	P3448-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	50.07	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
BF138771.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.9	U	57.9	180	220	ug/Kg
110-86-1	Pyridine	53.3	U	53.3	86.6	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64.6	U	64.6	86.6	110	ug/Kg
108-95-2	Phenol	55.3	U	55.3	86.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.8	U	55.8	86.6	110	ug/Kg
95-57-8	2-Chlorophenol	55.7	U	55.7	86.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.4	U	56.4	86.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.3	U	57.3	86.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.7	U	57.7	86.6	110	ug/Kg
100-51-6	Benzyl Alcohol	55.3	U	55.3	180	220	ug/Kg
95-48-7	2-Methylphenol	53.7	U	53.7	86.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60.6	U	60.6	86.6	110	ug/Kg
98-86-2	Acetophenone	57.9	U	57.9	86.6	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.2	U	53.2	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.9	U	26.9	53.3	53.3	ug/Kg
67-72-1	Hexachloroethane	55.3	U	55.3	86.6	110	ug/Kg
98-95-3	Nitrobenzene	60.5	U	60.5	86.6	110	ug/Kg
78-59-1	Isophorone	56.4	U	56.4	86.6	110	ug/Kg
88-75-5	2-Nitrophenol	63	U	63	86.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.1	U	62.1	86.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.2	U	57.2	86.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.3	U	50.3	86.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.9	U	56.9	86.6	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.1	U	55.1	86.6	110	ug/Kg
106-47-8	4-Chloroaniline	55.1	U	55.1	86.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.5	U	55.5	86.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP6	SDG No.:	BF080324
Lab Sample ID:	P3448-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	50.07	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
BF138771.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.9	U	57.9	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.7	U	51.7	86.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	55	U	55	86.6	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.6	U	47.6	86.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.3	U	49.3	86.6	110	ug/Kg
92-52-4	1,1-Biphenyl	58.2	U	58.2	86.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.5	U	55.5	86.6	110	ug/Kg
88-74-4	2-Nitroaniline	63.3	U	63.3	86.6	110	ug/Kg
131-11-3	Dimethylphthalate	54.5	U	54.5	86.6	110	ug/Kg
208-96-8	Acenaphthylene	57.7	U	57.7	86.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.5	U	55.5	86.6	110	ug/Kg
99-09-2	3-Nitroaniline	59.4	U	59.4	86.6	110	ug/Kg
83-32-9	Acenaphthene	54.1	U	54.1	86.6	110	ug/Kg
Total PAH	Total PAH	1290.7	U	883.6	86.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.3	U	77.3	180	220	ug/Kg
132-64-9	Dibenzofuran	56.3	U	56.3	86.6	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.5	U	57.5	86.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	113	U	113	86.6	220	ug/Kg
84-66-2	Diethylphthalate	53.4	U	53.4	86.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.1	U	57.1	86.6	110	ug/Kg
86-73-7	Fluorene	57	U	57	86.6	110	ug/Kg
100-01-6	4-Nitroaniline	71.3	U	71.3	86.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78	U	78	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.4	U	54.4	86.6	110	ug/Kg
103-33-3	Azobenzene	53.1	U	53.1	86.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.6	U	52.6	86.6	110	ug/Kg
118-74-1	Hexachlorobenzene	56.7	U	56.7	86.6	110	ug/Kg
1912-24-9	Atrazine	60.9	U	60.9	86.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP6	SDG No.:	BF080324
Lab Sample ID:	P3448-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	50.07	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
BF138771.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.5	U	51.5	180	220	ug/Kg
85-01-8	Phenanthrene	56	U	56	86.6	110	ug/Kg
120-12-7	Anthracene	56.3	U	56.3	86.6	110	ug/Kg
86-74-8	Carbazole	53.5	U	53.5	86.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.2	U	56.2	86.6	110	ug/Kg
206-44-0	Fluoranthene	160		54.5	86.6	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	170		55.3	86.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	64.5	U	64.5	86.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.7	U	65.7	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	110		53.8	86.6	110	ug/Kg
218-01-9	Chrysene	120		53	86.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60.6	U	60.6	86.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	73.3	U	73.3	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	280		54.1	86.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	88.1	J	55.1	86.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	190		62	86.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	80.2	J	52.1	86.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.1	U	54.1	86.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	92.4	J	53.4	86.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.9	U	57.9	86.6	110	ug/Kg
123-91-1	1,4-Dioxane	73.3	U	73.3	86.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.8	U	49.8	86.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.5	U	55.5	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	89.619		18-112		60	SPK: -150
13127-88-3	Phenol-d6	91.025		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	56.011		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	53.054		20-109		53	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP6	SDG No.:	BF080324
Lab Sample ID:	P3448-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	50.07	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
BF138771.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	82.694		10-110		55	SPK: -150
1718-51-0	Terphenyl-d14	68.31		14-112		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	55566	6.846				
1146-65-2	Naphthalene-d8	239638	8.122				
15067-26-2	Acenaphthene-d10	134192	9.881				
1517-22-2	Phenanthrene-d10	192153	11.363				
1719-03-5	Chrysene-d12	102543	14.004				
1520-96-3	Perylene-d12	150206	15.474				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			2.134	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	A			5.069	
000770-35-4	1-Phenoxypropan-2-ol	64.6	J			8.44	
000613-12-7	Anthracene, 2-methyl-	60.9	J			11.892	
959010-23-2	Trifluoroacetic acid, pentadecyl e	89.5	J			13.851	
000192-97-2	Benzo[e]pyrene	55.1	J			15.151	
000198-55-0	Perylene	150	J			15.351	

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BF080324
Lab Sample ID:	P3448-04	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
BF138772.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BF080324
Lab Sample ID:	P3448-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138772.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM		
Project:				Date Received:	8/1/2024 12:00:00 AM		
Client Sample ID:	TP2			SDG No.:	BF080324		
Lab Sample ID:	P3448-04			Matrix:	water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	100	Units:	mL	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
BF138772.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	139.699		10-139		93	SPK: -150
13127-88-3	Phenol-d6	137.506		10-134		92	SPK: -150
4165-60-0	Nitrobenzene-d5	94.974		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	95.583		52-132		96	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BF080324
Lab Sample ID:	P3448-04	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
BF138772.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	154.727		32-145		103	SPK: -150
1718-51-0	Terphenyl-d14	124.714		36-145		125	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51195	6.845				
1146-65-2	Naphthalene-d8	212439	8.122				
15067-26-2	Acenaphthene-d10	118864	9.881				
1517-22-2	Phenanthrene-d10	197066	11.363				
1719-03-5	Chrysene-d12	92292	14.004				
1520-96-3	Perylene-d12	124460	15.474				

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP3	SDG No.:	BF080324
Lab Sample ID:	P3448-06	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
BF138773.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP3	SDG No.:	BF080324
Lab Sample ID:	P3448-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138773.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP3	SDG No.:	BF080324
Lab Sample ID:	P3448-06	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
BF138773.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	135.238		10-139		90	SPK: -150
13127-88-3	Phenol-d6	127.655		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	93.097		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	95.702		52-132		96	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP3	SDG No.:	BF080324
Lab Sample ID:	P3448-06	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
BF138773.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	164.463		32-145		110	SPK: -150
1718-51-0	Terphenyl-d14	107.266		36-145		107	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	48513	6.846				
1146-65-2	Naphthalene-d8	195354	8.122				
15067-26-2	Acenaphthene-d10	108392	9.881				
1517-22-2	Phenanthrene-d10	196687	11.369				
1719-03-5	Chrysene-d12	129509	14.004				
1520-96-3	Perylene-d12	131437	15.474				

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP4	SDG No.:	BF080324
Lab Sample ID:	P3448-08	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
BF138774.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP4	SDG No.:	BF080324
Lab Sample ID:	P3448-08	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
BF138774.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP4	SDG No.:	BF080324
Lab Sample ID:	P3448-08	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
BF138774.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	130.59		10-139		87	SPK: -150
13127-88-3	Phenol-d6	131.048		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	95.282		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	90.762		52-132		91	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP4	SDG No.:	BF080324
Lab Sample ID:	P3448-08	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
BF138774.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	181.33		32-145		121	SPK: -150
1718-51-0	Terphenyl-d14	97.162		36-145		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57133	6.845				
1146-65-2	Naphthalene-d8	224973	8.128				
15067-26-2	Acenaphthene-d10	122272	9.88				
1517-22-2	Phenanthrene-d10	207396	11.363				
1719-03-5	Chrysene-d12	127828	14.004				
1520-96-3	Perylene-d12	120668	15.474				

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP5	SDG No.:	BF080324
Lab Sample ID:	P3448-10	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
BF138775.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP5	SDG No.:	BF080324
Lab Sample ID:	P3448-10	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
BF138775.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP5	SDG No.:	BF080324
Lab Sample ID:	P3448-10	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
BF138775.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	124.597		10-139		83	SPK: -150
13127-88-3	Phenol-d6	115.567		10-134		77	SPK: -150
4165-60-0	Nitrobenzene-d5	91.927		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	94.227		52-132		94	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP5	SDG No.:	BF080324
Lab Sample ID:	P3448-10	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
BF138775.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	146.066		32-145		97	SPK: -150
1718-51-0	Terphenyl-d14	109.91		36-145		110	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42357	6.845				
1146-65-2	Naphthalene-d8	169939	8.122				
15067-26-2	Acenaphthene-d10	94125	9.88				
1517-22-2	Phenanthrene-d10	151769	11.363				
1719-03-5	Chrysene-d12	76982	14.004				
1520-96-3	Perylene-d12	91479	15.474				

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP7	SDG No.:	BF080324
Lab Sample ID:	P3448-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.2
Sample Wt/Vol:	50.08	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
BF138776.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56	U	56	170	210	ug/Kg
110-86-1	Pyridine	51.6	U	51.6	83.9	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	62.6	U	62.6	83.9	110	ug/Kg
108-95-2	Phenol	53.5	U	53.5	83.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54	U	54	83.9	110	ug/Kg
95-57-8	2-Chlorophenol	53.9	U	53.9	83.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.6	U	54.6	83.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.5	U	55.5	83.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.8	U	55.8	83.9	110	ug/Kg
100-51-6	Benzyl Alcohol	53.6	U	53.6	170	210	ug/Kg
95-48-7	2-Methylphenol	52	U	52	83.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58.7	U	58.7	83.9	110	ug/Kg
98-86-2	Acetophenone	56.1	U	56.1	83.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.5	U	51.5	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26	U	26	51.6	51.6	ug/Kg
67-72-1	Hexachloroethane	53.6	U	53.6	83.9	110	ug/Kg
98-95-3	Nitrobenzene	58.6	U	58.6	83.9	110	ug/Kg
78-59-1	Isophorone	54.6	U	54.6	83.9	110	ug/Kg
88-75-5	2-Nitrophenol	61	U	61	83.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.2	U	60.2	83.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.4	U	55.4	83.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.7	U	48.7	83.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.1	U	55.1	83.9	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	53.3	U	53.3	83.9	110	ug/Kg
106-47-8	4-Chloroaniline	53.3	U	53.3	83.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.8	U	53.8	83.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP7	SDG No.:	BF080324
Lab Sample ID:	P3448-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.2
Sample Wt/Vol:	50.08	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
BF138776.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56	U	56	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	83.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.3	U	53.3	83.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.1	U	46.1	83.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.8	U	47.8	83.9	110	ug/Kg
92-52-4	1,1-Biphenyl	56.4	U	56.4	83.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.8	U	53.8	83.9	110	ug/Kg
88-74-4	2-Nitroaniline	61.3	U	61.3	83.9	110	ug/Kg
131-11-3	Dimethylphthalate	52.7	U	52.7	83.9	110	ug/Kg
208-96-8	Acenaphthylene	55.8	U	55.8	83.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.7	U	53.7	83.9	110	ug/Kg
99-09-2	3-Nitroaniline	57.6	U	57.6	83.9	110	ug/Kg
83-32-9	Acenaphthene	52.4	U	52.4	83.9	110	ug/Kg
Total PAH	Total PAH	855.3	U	855.3	83.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	74.9	U	74.9	170	210	ug/Kg
132-64-9	Dibenzofuran	54.5	U	54.5	83.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	109.3	U	109.3	83.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.6	U	55.6	83.9	110	ug/Kg
84-66-2	Diethylphthalate	51.7	U	51.7	83.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.3	U	55.3	83.9	110	ug/Kg
86-73-7	Fluorene	55.2	U	55.2	83.9	110	ug/Kg
100-01-6	4-Nitroaniline	69.1	U	69.1	83.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	75.5	U	75.5	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.7	U	52.7	83.9	110	ug/Kg
103-33-3	Azobenzene	51.4	U	51.4	83.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.9	U	50.9	83.9	110	ug/Kg
118-74-1	Hexachlorobenzene	54.9	U	54.9	83.9	110	ug/Kg
1912-24-9	Atrazine	59	U	59	83.9	110	ug/Kg

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM		
Project:				Date Received:	8/1/2024 12:00:00 AM		
Client Sample ID:	TP7			SDG No.:	BF080324		
Lab Sample ID:	P3448-13			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	7.2		
Sample Wt/Vol:	50.08	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
BF138776.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.9	U	49.9	170	210	ug/Kg
85-01-8	Phenanthrene	54.2	U	54.2	83.9	110	ug/Kg
120-12-7	Anthracene	54.5	U	54.5	83.9	110	ug/Kg
86-74-8	Carbazole	51.8	U	51.8	83.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.4	U	54.4	83.9	110	ug/Kg
206-44-0	Fluoranthene	52.7	U	52.7	83.9	110	ug/Kg
92-87-5	Benzidine	110	U	110	170	210	ug/Kg
129-00-0	Pyrene	53.6	U	53.6	83.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	62.5	U	62.5	83.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63.6	U	63.6	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	52.1	U	52.1	83.9	110	ug/Kg
218-01-9	Chrysene	51.3	U	51.3	83.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58.7	U	58.7	83.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71	U	71	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	52.4	U	52.4	83.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	53.3	U	53.3	83.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	60	U	60	83.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50.4	U	50.4	83.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52.4	U	52.4	83.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51.7	U	51.7	83.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	83.9	110	ug/Kg
123-91-1	1,4-Dioxane	71	U	71	83.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.2	U	48.2	83.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	53.7	U	53.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	89.855		18-112		60	SPK: -150
13127-88-3	Phenol-d6	88.716		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	59.851		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	61.705		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP7	SDG No.:	BF080324
Lab Sample ID:	P3448-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.2
Sample Wt/Vol:	50.08	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
BF138776.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	89.409		10-110		60	SPK: -150
1718-51-0	Terphenyl-d14	63.149		14-112		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42074	6.845				
1146-65-2	Naphthalene-d8	170771	8.122				
15067-26-2	Acenaphthene-d10	92919	9.875				
1517-22-2	Phenanthrene-d10	141606	11.363				
1719-03-5	Chrysene-d12	77551	14.004				
1520-96-3	Perylene-d12	93318	15.474				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			2.134	
004254-14-2	R-(-)-1,2-propanediol	46.5	J			3.381	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			5.069	
000770-35-4	1-Phenoxypropan-2-ol	56.8	J			8.439	
018835-33-1	1-Hexacosene	140	J			13.857	
959067-22-2	Dodecyl isobutyl carbonate	47.8	J			16.021	

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	LINNETT-CONC	SDG No.:	BF080324
Lab Sample ID:	P3448-15	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04	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
BF138777.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.6	U	51.6	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	77.9	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.7	U	56.7	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	LINNETT-CONC	SDG No.:	BF080324
Lab Sample ID:	P3448-15	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04	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
BF138777.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794.6	U	794.6	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	77.9	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	77.9	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.3	U	51.3	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	77.9	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	LINNETT-CONC	SDG No.:	BF080324
Lab Sample ID:	P3448-15	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04 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
BF138777.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	77.9	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	67.836		18-112		45	SPK: -150
13127-88-3	Phenol-d6	79.87		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	62.461		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	66.298		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	LINNETT-CONC	SDG No.:	BF080324
Lab Sample ID:	P3448-15	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04 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
BF138777.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	57.889		10-110		39	SPK: -150
1718-51-0	Terphenyl-d14	67.842		14-112		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	40592	6.846				
1146-65-2	Naphthalene-d8	160557	8.122				
15067-26-2	Acenaphthene-d10	87328	9.875				
1517-22-2	Phenanthrene-d10	138756	11.363				
1719-03-5	Chrysene-d12	75241	14.004				
1520-96-3	Perylene-d12	92728	15.468				

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	ORIENT-CONC	SDG No.:	BF080324
Lab Sample ID:	P3448-17	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF138778.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58	U	58	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.1	U	50.1	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.5	U	51.5	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.8	U	51.8	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.7	U	49.7	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.4	U	54.4	77.9	100	ug/Kg
98-86-2	Acetophenone	52	U	52	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.1	U	24.1	47.9	47.9	ug/Kg
67-72-1	Hexachloroethane	49.7	U	49.7	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.6	U	56.6	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.8	U	55.8	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.2	U	45.2	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.1	U	51.1	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	ORIENT-CONC	SDG No.:	BF080324
Lab Sample ID:	P3448-17	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF138778.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.4	U	46.4	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.4	U	49.4	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.4	U	93.4	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.3	U	44.3	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.3	U	52.3	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	56.9	U	56.9	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	48.9	U	48.9	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.8	U	51.8	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.8	U	49.8	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.4	U	53.4	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	793.6	U	793.6	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.5	U	50.5	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.4	U	101.4	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.6	U	51.6	77.9	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.2	U	51.2	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	50.9	U	50.9	77.9	100	ug/Kg
1912-24-9	Atrazine	54.7	U	54.7	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	ORIENT-CONC	SDG No.:	BF080324
Lab Sample ID:	P3448-17	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF138778.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.5	U	50.5	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	48.9	U	48.9	77.9	100	ug/Kg
92-87-5	Benzidine	97.6	U	97.6	160	200	ug/Kg
129-00-0	Pyrene	49.7	U	49.7	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.3	U	48.3	77.9	100	ug/Kg
218-01-9	Chrysene	47.6	U	47.6	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.6	U	48.6	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.7	U	44.7	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.8	U	49.8	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	68.434		18-112		46	SPK: -150
13127-88-3	Phenol-d6	77.993		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	61.288		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	66.287		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	ORIENT-CONC	SDG No.:	BF080324
Lab Sample ID:	P3448-17	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF138778.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	54.038		10-110		36	SPK: -150
1718-51-0	Terphenyl-d14	67.057		14-112		67	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43967	6.845				
1146-65-2	Naphthalene-d8	171267	8.122				
15067-26-2	Acenaphthene-d10	92085	9.875				
1517-22-2	Phenanthrene-d10	144942	11.363				
1719-03-5	Chrysene-d12	80609	14.004				
1520-96-3	Perylene-d12	96626	15.468				

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	EVERGREEN-CONC	SDG No.:	BF080324
Lab Sample ID:	P3448-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02	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
BF138779.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52.1	U	52.1	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	78	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	78	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	78	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	78	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	78	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	78	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.6	U	51.6	78	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	78	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	78	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	78	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	78	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.9	U	47.9	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	78	100	ug/Kg
98-95-3	Nitrobenzene	54.5	U	54.5	78	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	78	100	ug/Kg
88-75-5	2-Nitrophenol	56.7	U	56.7	78	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	78	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.5	U	51.5	78	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	78	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	78	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	78	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	78	100	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	EVERGREEN-CONC	SDG No.:	BF080324
Lab Sample ID:	P3448-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02	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
BF138779.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52.1	U	52.1	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	78	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	78	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.6	U	93.6	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	78	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	78	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	78	100	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	78	100	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	78	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	78	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	78	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	78	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	78	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	78	100	ug/Kg
Total PAH	Total PAH	794.6	U	794.6	78	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.6	U	69.6	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	78	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	78	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	78	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	78	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	78	100	ug/Kg
86-73-7	Fluorene	51.3	U	51.3	78	100	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	78	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.2	U	70.2	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	78	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	78	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	78	100	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	78	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	78	100	ug/Kg



Client:				Date Collected:	8/1/2024 12:00:00 AM	
Project:				Date Received:	8/1/2024 12:00:00 AM	
Client Sample ID:	EVERGREEN-CONC			SDG No.:	BF080324	
Lab Sample ID:	P3448-19			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	50.02	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
BF138779.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.4	U	46.4	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	78	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	78	100	ug/Kg
86-74-8	Carbazole	48.2	U	48.2	78	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.6	U	50.6	78	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	78	100	ug/Kg
92-87-5	Benzidine	97.8	U	97.8	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	78	100	ug/Kg
85-68-7	Butylbenzylphthalate	58.1	U	58.1	78	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	78	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	78	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	78	100	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	78	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	78	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	78	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	78	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	78	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	78	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52.1	U	52.1	78	100	ug/Kg
123-91-1	1,4-Dioxane	66	U	66	78	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	78	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.572		18-112		59	SPK: -150
13127-88-3	Phenol-d6	89.374		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	60.084		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	67.773		20-109		68	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	EVERGREEN-CONC	SDG No.:	BF080324
Lab Sample ID:	P3448-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02 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
BF138779.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	84.668		10-110		56	SPK: -150
1718-51-0	Terphenyl-d14	68.659		14-112		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41566	6.845				
1146-65-2	Naphthalene-d8	169574	8.122				
15067-26-2	Acenaphthene-d10	88970	9.875				
1517-22-2	Phenanthrene-d10	141713	11.363				
1719-03-5	Chrysene-d12	75718	14.004				
1520-96-3	Perylene-d12	91777	15.474				

Hit Summary Sheet SW-846

SDG No.: BF080324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : EB-03-072624								
P3393-25	EB-03-072624	Water	2,4-Diethyl-6-methyl-1,3,5-trioxan	*	2.600	J		
P3393-25	EB-03-072624	Water	Butane, 2-methoxy-2-methyl-	*	260.000	J		
Total Tics :					262.60			
Total Concentration:					262.60			
Client ID : EB-02-072624								
P3393-26	EB-02-072624	Water	2,4-Diethyl-6-methyl-1,3,5-trioxan	*	2.500	J		
P3393-26	EB-02-072624	Water	Butane, 2-methoxy-2-methyl-	*	230.000	J		
P3393-26	EB-02-072624	Water	n-Hexadecanoic acid	*	2.500	J		
Total Tics :					235.00			
Total Concentration:					235.00			
Client ID : EB-01-072624								
P3393-27	EB-01-072624	Water	1-Heneicosanol	*	3.700	J		
P3393-27	EB-01-072624	Water	1-Propanol, 2-(2-hydroxypropoxy	*	2.100	J		
P3393-27	EB-01-072624	Water	Butane, 2-methoxy-2-methyl-	*	190.000	J		
Total Tics :					195.80			
Total Concentration:					195.80			
Client ID : TP4								
P3448-07	TP4	Solid	1-Phenoxypropan-2-ol	*	60.500	J		
P3448-07	TP4	Solid	11H-Benzo[b]fluorene	*	52.400	J		
P3448-07	TP4	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	120.000	A		
P3448-07	TP4	Solid	4H-Cyclopenta[def]phenanthrene	*	97.600	J		
P3448-07	TP4	Solid	Benzo[e]pyrene	*	87.500	J		
P3448-07	TP4	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J		
P3448-07	TP4	Solid	n-Hexadecanoic acid	*	96.700	J		
P3448-07	TP4	Solid	Trifluoroacetoxy hexadecane	*	76.900	J		
P3448-07	TP4	Solid	unknown3.387	*	45.700	J		
P3448-07	TP4	Solid	unknown9.975	*	51.100	J		
Total Tics :					2,088.40			
P3448-07	TP4	Solid	Benzo(a)anthracene		160.000		54.5	110 ug/Kg
P3448-07	TP4	Solid	Benzo(a)pyrene		140.000		62.8	110 ug/Kg
P3448-07	TP4	Solid	Benzo(b)fluoranthene		140.000		54.7	110 ug/Kg
P3448-07	TP4	Solid	Benzo(g,h,i)perylene		82.200	J	54	110 ug/Kg
P3448-07	TP4	Solid	Chrysene		140.000		53.6	110 ug/Kg
P3448-07	TP4	Solid	Fluoranthene		300.000		55.1	110 ug/Kg
P3448-07	TP4	Solid	Indeno(1,2,3-cd)pyrene		72.300	J	52.7	110 ug/Kg
P3448-07	TP4	Solid	Phenanthrene		200.000		56.7	110 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF080324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3448-07	TP4	Solid	Pyrene	360.000		56	110	ug/Kg
Total Svoc :						1,594.50		
Total Concentration:						3,682.90		
Client ID : TP6								
P3448-11	TP6	Solid	1-Phenoxypropan-2-ol	*	64.600	J		
P3448-11	TP6	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	120.000	A		
P3448-11	TP6	Solid	Anthracene, 2-methyl-	*	60.900	J		
P3448-11	TP6	Solid	Benzo[e]pyrene	*	55.100	J		
P3448-11	TP6	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J		
P3448-11	TP6	Solid	Perylene	*	150.000	J		
P3448-11	TP6	Solid	Trifluoroacetic acid, pentadecyl e	*	89.500	J		
Total Tics :						1,940.10		
P3448-11	TP6	Solid	Benzo(a)anthracene		110.000	53.8	110	ug/Kg
P3448-11	TP6	Solid	Benzo(a)pyrene		190.000	62	110	ug/Kg
P3448-11	TP6	Solid	Benzo(b)fluoranthene		280.000	54.1	110	ug/Kg
P3448-11	TP6	Solid	Benzo(g,h,i)perylene	J	92.400	53.4	110	ug/Kg
P3448-11	TP6	Solid	Benzo(k)fluoranthene	J	88.100	55.1	110	ug/Kg
P3448-11	TP6	Solid	Chrysene		120.000	53	110	ug/Kg
P3448-11	TP6	Solid	Fluoranthene		160.000	54.5	110	ug/Kg
P3448-11	TP6	Solid	Indeno(1,2,3-cd)pyrene	J	80.200	52.1	110	ug/Kg
P3448-11	TP6	Solid	Pyrene		170.000	55.3	110	ug/Kg
Total Svoc :						1,290.70		
Total Concentration:						3,230.80		
Client ID : TP7								
P3448-13	TP7	Solid	1-Hexacosene	*	140.000	J		
P3448-13	TP7	Solid	1-Phenoxypropan-2-ol	*	56.800	J		
P3448-13	TP7	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	110.000	A		
P3448-13	TP7	Solid	Butane, 2-methoxy-2-methyl-	*	1,600.000	J		
P3448-13	TP7	Solid	Dodecyl isobutyl carbonate	*	47.800	J		
P3448-13	TP7	Solid	R-(-)-1,2-propanediol	*	46.500	J		
Total Tics :						2,001.10		
Total Concentration:						2,001.10		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF073024 SAS No.: BF073024 SDG No.: BF073024
Instrument ID: _____ Calibration Date(s): 7/30/2024 : _____
Calibration Time(s): 12:54 _____

LAB FILE ID:		RRF2.5 = BF138680.D			RRF005 = BF138681.D		RRF010 = BF138682.D	
		RRF020 = BF138683.D			RRF040 = BF138684.D		RRF050 = BF138685.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.813	0.817	0.829	0.814	0.804	0.818	1.9
Pyridine		1.373	1.365	1.453	1.381	1.380	1.374	3.1
2-Fluorophenol		1.404	1.367	1.341	1.274	1.244	1.296	6.0
Benzaldehyde		1.230	1.119	1.099	0.904	0.862	1.043	14.8
Aniline		1.656	1.626	1.704	1.532	1.487	1.551	7.5
Phenol-d6		1.938	1.816	1.828	1.681	1.654	1.740	7.2
Phenol		2.012	1.946	1.913	1.775	1.739	1.832	6.9
bis(2-Chloroethyl)ether		1.494	1.476	1.434	1.363	1.348	1.409	4.5
2-Chlorophenol		1.471	1.418	1.443	1.325	1.308	1.363	5.9
1,2-Dichlorobenzene		1.621	1.511	1.532	1.408	1.358	1.439	8.2
1,3-Dichlorobenzene		1.687	1.609	1.608	1.475	1.445	1.526	7.1
1,4-Dichlorobenzene		1.689	1.615	1.620	1.496	1.482	1.540	6.6
Benzyl Alcohol		1.326	1.287	1.334	1.218	1.213	1.254	5.3
2-Methylphenol		1.192	1.154	1.183	1.103	1.072	1.126	4.9
2,2-oxybis(1-Chloropropane)		2.695	2.576	2.592	2.350	2.311	2.426	8.2
Acetophenone		0.538	0.510	0.508	0.482	0.457	0.490	6.1
3+4-Methylphenols		1.661	1.554	1.558	1.367	1.328	1.444	10.0
n-Nitroso-di-n-propylamine	1.109	1.130	1.087	1.123	0.992	0.970	1.051	6.6
Nitrobenzene-d5		0.426	0.416	0.424	0.407	0.393	0.409	3.3
Hexachloroethane		0.619	0.614	0.598	0.568	0.554	0.580	5.3
Nitrobenzene		0.431	0.423	0.433	0.417	0.400	0.416	3.3
Isophorone		0.735	0.710	0.735	0.681	0.655	0.699	4.3
2-Nitrophenol		0.169	0.176	0.188	0.184	0.175	0.179	3.7
2,4-Dimethylphenol		0.219	0.217	0.221	0.214	0.207	0.214	2.6
bis(2-Chloroethoxy)methane		0.448	0.433	0.449	0.418	0.402	0.425	4.3
2,4-Dichlorophenol		0.279	0.276	0.293	0.276	0.264	0.275	3.6
1,2,4-Trichlorobenzene		0.344	0.324	0.329	0.316	0.304	0.318	5.0
Benzoic acid			0.136	0.158	0.166	0.166	0.168	12.7
Naphthalene		1.124	1.102	1.110	1.044	1.000	1.053	5.6
4-Chloroaniline		0.354	0.363	0.369	0.346	0.337	0.353	3.1
Hexachlorobutadiene		0.205	0.197	0.200	0.190	0.187	0.192	4.4
Caprolactam		0.078	0.084	0.088	0.078	0.076	0.082	5.6
4-Chloro-3-methylphenol		0.326	0.319	0.343	0.307	0.290	0.315	5.4
2-Methylnaphthalene		0.723	0.699	0.709	0.649	0.619	0.665	6.7
Hexachlorocyclopentadiene			0.064	0.101	0.127	0.138	0.120	27.1
2,4,6-Trichlorophenol		0.338	0.338	0.353	0.336	0.330	0.339	2.1

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.: BF073024 SAS No.: BF073024 SDG No.: BF073024
Instrument ID: _____ Calibration Date(s): 7/30/2024 : _____
Calibration Time(s): 12:54 _____

LAB FILE ID:		RRF2.5 = BF138680.D		RRF005 = BF138681.D		RRF010 = BF138682.D		
		RRF020 = BF138683.D		RRF040 = BF138684.D		RRF050 = BF138685.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.512	1.424	1.402	1.306	1.260	1.331	9.0
2,4,5-Trichlorophenol		0.368	0.379	0.387	0.368	0.361	0.370	2.6
1,1-Biphenyl		1.714	1.635	1.630	1.539	1.507	1.566	6.1
2-Chloronaphthalene		1.263	1.206	1.213	1.151	1.119	1.165	5.5
2-Nitroaniline		0.394	0.403	0.414	0.389	0.380	0.395	2.7
Dimethylphthalate		1.336	1.297	1.367	1.229	1.208	1.279	4.6
Acenaphthylene		1.796	1.744	1.743	1.637	1.573	1.652	6.8
2,6-Dinitrotoluene		0.286	0.288	0.304	0.288	0.277	0.289	3.6
3-Nitroaniline		0.308	0.300	0.317	0.288	0.286	0.298	4.1
Acenaphthene		1.217	1.173	1.169	1.082	1.049	1.111	6.8
2,4-Dinitrophenol			0.097	0.142	0.127	0.131	0.133	14.8
4-Nitrophenol			0.156	0.186	0.175	0.176	0.179	7.9
Dibenzofuran		1.729	1.680	1.666	1.515	1.484	1.568	7.8
2,4-Dinitrotoluene		0.377	0.376	0.402	0.362	0.342	0.368	5.4
Diethylphthalate		1.268	1.259	1.321	1.155	1.113	1.213	6.2
4-Chlorophenyl-phenylether		0.662	0.664	0.662	0.589	0.580	0.614	7.7
Fluorene		1.374	1.326	1.351	1.206	1.166	1.249	8.0
4-Nitroaniline		0.284	0.292	0.313	0.272	0.265	0.284	6.0
4,6-Dinitro-2-methylphenol			0.107	0.123	0.125	0.123	0.122	6.4
n-Nitrosodiphenylamine		0.642	0.645	0.645	0.631	0.606	0.625	3.3
Azobenzene		1.427	1.391	1.450	1.300	1.259	1.345	5.9
2,4,6-Tribromophenol		0.168	0.164	0.176	0.159	0.156	0.164	4.2
4-Bromophenyl-phenylether		0.227	0.219	0.226	0.217	0.211	0.217	3.8
Hexachlorobenzene		0.231	0.231	0.234	0.220	0.214	0.224	3.7
Atrazine		0.171	0.172	0.176	0.162	0.153	0.161	7.8
Pentachlorophenol			0.077	0.097	0.102	0.104	0.101	12.9
Phenanthrene		1.112	1.109	1.087	1.021	0.970	1.030	7.0
Anthracene		1.082	1.077	1.078	1.003	0.965	1.015	6.3
Carbazole		0.970	0.938	0.940	0.870	0.810	0.875	8.6
Di-n-butylphthalate		0.991	0.990	1.040	0.991	0.944	0.984	3.4
Fluoranthene		1.068	1.045	1.039	0.965	0.899	0.961	9.7
Benzidine		0.491	0.482	0.484	0.535	0.470	0.478	8.6
Pyrene		1.978	1.958	2.140	1.750	1.694	1.883	8.6
Terphenyl-d14		1.264	1.265	1.362	1.106	1.072	1.195	9.3
Butylbenzylphthalate		0.577	0.571	0.605	0.628	0.622	0.603	3.7
3,3-Dichlorobenzidine		0.388	0.364	0.377	0.360	0.346	0.352	8.0

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.: BF073024 SAS No.: BF073024 SDG No.: BF073024
Instrument ID: _____ Calibration Date(s): 7/30/2024 : _____
Calibration Time(s): 12:54 _____

LAB FILE ID:		RRF2.5 = BF138680.D			RRF005 = BF138681.D		RRF010 = BF138682.D	
		RRF020 = BF138683.D			RRF040 = BF138684.D		RRF050 = BF138685.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.401	1.438	1.410	1.395	1.351	1.377	3.5
Chrysene		1.342	1.228	1.260	1.222	1.203	1.243	3.8
Bis(2-ethylhexyl)phthalate		0.876	0.838	0.861	0.948	0.945	0.883	5.1
Di-n-octyl phthalate		1.637	1.524	1.614	1.744	1.742	1.634	5.1
Benzo(b)fluoranthene		1.287	1.361	1.287	1.229	1.181	1.240	6.2
Benzo(k)fluoranthene		1.202	1.043	1.098	1.002	1.060	1.073	6.8
Benzo(a)pyrene		1.084	1.047	1.071	1.023	1.026	1.043	2.5
Indeno(1,2,3-cd)pyrene		1.469	1.464	1.517	1.395	1.406	1.433	3.5
Dibenzo(a,h)anthracene		1.226	1.231	1.253	1.134	1.140	1.177	4.9
Benzo(g,h,i)perylene		1.261	1.234	1.289	1.199	1.196	1.221	3.5
1,2,4,5-Tetrachlorobenzene		0.606	0.560	0.581	0.550	0.542	0.556	5.5
1,4-Dioxane		0.597	0.555	0.581	0.576	0.557	0.567	3.2
2,3,4,6-Tetrachlorophenol		0.270	0.279	0.297	0.274	0.280	0.283	4.0
1-Methylnaphthalene		0.713	0.685	0.692	0.636	0.606	0.652	6.9

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: CHEMTECH

Lab Code: CHEM Case No.: BF080324 SAS No.: BF080324 SDG NO.: BF080324

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 3 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 09:58

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	72528	6.845	281315	8.13	146962	9.88
	UPPER LIMIT	145056	7.345	562630	8.628	293924	10.38
	LOWER LIMIT	36264	6.345	140657.5	7.628	73481	9.38
	EPA SAMPLE NO.						
01	PB162460BL	59476	6.85	279727	8.13	153564	9.88
02	PB162460BS	64365	6.85	249170	8.13	158082	9.89
03	OU4-PCS-02-072324RX	53746	6.85	242226	8.13	143809	9.88
04	VNJ-222MS	56824	6.85	246946	8.13	162491	9.89
05	VNJ-222MSD	61608	6.85	248798	8.13	139445	9.89
06	EB-03-072624	49844	6.85	246722	8.13	141240	9.88
07	EB-02-072624	59945	6.85	257179	8.13	162316	9.88
08	EB-01-072624	48417	6.85	202547	8.12	128640	9.88
09	TP4	61913	6.85	248349	8.13	135068	9.88
10	TP4MS	45415	6.85	186951	8.13	102625	9.88
11	TP4MSD	48480	6.85	196684	8.13	105814	9.88
12	TP6	55566	6.85	239638	8.12	134192	9.88
13	TP2	51195	6.85	212439	8.12	118864	9.88
14	TP3	48513	6.85	195354	8.12	108392	9.88
15	TP4	57133	6.85	224973	8.13	122272	9.88
16	TP5	42357	6.85	169939	8.12	94125	9.88
17	TP7	42074	6.85	170771	8.12	92919	9.88
18	LINNETT-CONC	40592	6.85	160557	8.12	87328	9.88
19	ORIENT-CONC	43967	6.85	171267	8.12	92085	9.88
20	EVERGREEN-CONC	41566	6.85	169574	8.12	88970	9.88

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080324 SAS No.: BF080324 SDG NO.: BF080324

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 3 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 19:53

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	72528	6.845	281315	8.13	146962	9.88
UPPER LIMIT	145056	7.345	562630	8.628	293924	10.38
LOWER LIMIT	36264	6.345	140657.5	7.628	73481	9.38
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: CHEMTECH

Lab Code: CHEM Case No.: BF080324 SAS No.: BF080324 SDG NO.: BF080324

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 3 2024 12:00AM

Lab File ID: BF138759.D Time Analyzed: 09:58

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	60912	6.851	273242	8.13	134563	9.89
	UPPER LIMIT	121824	7.351	546484	8.634	269126	10.386
	LOWER LIMIT	30456	6.351	136621	7.634	67281.5	9.386
	EPA SAMPLE NO.						
01	PB162460BL	59476	6.85	279727	8.13	153564	9.88
02	PB162460BS	64365	6.85	249170	8.13	158082	9.89
03	OU4-PCS-02-072324RX	53746	6.85	242226	8.13	143809	9.88
04	VNJ-222MS	56824	6.85	246946	8.13	162491	9.89
05	VNJ-222MSD	61608	6.85	248798	8.13	139445	9.89
06	EB-03-072624	49844	6.85	246722	8.13	141240	9.88
07	EB-02-072624	59945	6.85	257179	8.13	162316	9.88
08	EB-01-072624	48417	6.85	202547	8.12	128640	9.88
09	TP4	61913	6.85	248349	8.13	135068	9.88
10	TP4MS	45415	6.85	186951	8.13	102625	9.88
11	TP4MSD	48480	6.85	196684	8.13	105814	9.88
12	TP6	55566	6.85	239638	8.12	134192	9.88
13	TP2	51195	6.85	212439	8.12	118864	9.88
14	TP3	48513	6.85	195354	8.12	108392	9.88
15	TP4	57133	6.85	224973	8.13	122272	9.88
16	TP5	42357	6.85	169939	8.12	94125	9.88
17	TP7	42074	6.85	170771	8.12	92919	9.88
18	LINNETT-CONC	40592	6.85	160557	8.12	87328	9.88
19	ORIENT-CONC	43967	6.85	171267	8.12	92085	9.88
20	EVERGREEN-CONC	41566	6.85	169574	8.12	88970	9.88

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080324 SAS No.: BF080324 SDG NO.: BF080324

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 3 2024 12:00AM

Lab File ID: BF138759.D Time Analyzed: 19:53

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	60912	6.851	273242	8.13	134563	9.89
UPPER LIMIT	121824	7.351	546484	8.634	269126	10.386
LOWER LIMIT	30456	6.351	136621	7.634	67281.5	9.386
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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080324 SAS No.: BF080324 SDG NO.: BF080324

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 3 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 09:58

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	227513	11.369	125928	14.004	151531	15.468
	UPPER LIMIT	455026	11.869	251856	14.504	303062	15.968
	LOWER LIMIT	113756.5	10.869	62964	13.504	75765.5	14.968
	EPA SAMPLE NO.						
01	PB162460BL	295187	11.37	179048	14.01	145319	15.48
02	PB162460BS	274373	11.38	133392	14.02	148445	15.48
03	OU4-PCS-02-072324RX	209060	11.37	126686	14.01	130904	15.48
04	VNJ-222MS	264133	11.38	125417	14.02	122767	15.48
05	VNJ-222MSD	271345	11.37	121785	14.01	117840	15.48
06	EB-03-072624	254966	11.37	130267	14.01	138581	15.47
07	EB-02-072624	301171	11.37	137794	14.01	142490	15.47
08	EB-01-072624	246963	11.37	124350	14.00	136572	15.47
09	TP4	212953	11.37	99884	14.01	127328	15.47
10	TP4MS	159430	11.37	78483	14.01	92586	15.47
11	TP4MSD	177469	11.37	101224	14.01	122908	15.48
12	TP6	192153	11.36	102543	14.00	150206	15.47
13	TP2	197066	11.36	92292	14.00	124460	15.47
14	TP3	196687	11.37	129509	14.00	131437	15.47
15	TP4	207396	11.36	127828	14.00	120668	15.47
16	TP5	151769	11.36	76982	14.00	91479	15.47
17	TP7	141606	11.36	77551	14.00	93318	15.47
18	LINNETT-CONC	138756	11.36	75241	14.00	92728	15.47
19	ORIENT-CONC	144942	11.36	80609	14.00	96626	15.47
20	EVERGREEN-CONC	141713	11.36	75718	14.00	91777	15.47

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080324 SAS No.: BF080324 SDG NO.: BF080324

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 3 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 19:53

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	227513	11.369	125928	14.004	151531	15.468
UPPER LIMIT	455026	11.869	251856	14.504	303062	15.968
LOWER LIMIT	113756.5	10.869	62964	13.504	75765.5	14.968
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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080324 SAS No.: BF080324 SDG NO.: BF080324

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 3 2024 12:00AM

Lab File ID: BF138759.D Time Analyzed: 09:58

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	249821	11.374	123992	14.015	142150	15.48
	UPPER LIMIT	499642	11.874	247984	14.515	284300	15.98
	LOWER LIMIT	124910.5	10.874	61996	13.515	71075	14.98
	EPA SAMPLE NO.						
01	PB162460BL	295187	11.37	179048	14.01	145319	15.48
02	PB162460BS	274373	11.38	133392	14.02	148445	15.48
03	OU4-PCS-02-072324RX	209060	11.37	126686	14.01	130904	15.48
04	VNJ-222MS	264133	11.38	125417	14.02	122767	15.48
05	VNJ-222MSD	271345	11.37	121785	14.01	117840	15.48
06	EB-03-072624	254966	11.37	130267	14.01	138581	15.47
07	EB-02-072624	301171	11.37	137794	14.01	142490	15.47
08	EB-01-072624	246963	11.37	124350	14.00	136572	15.47
09	TP4	212953	11.37	99884	14.01	127328	15.47
10	TP4MS	159430	11.37	78483	14.01	92586	15.47
11	TP4MSD	177469	11.37	101224	14.01	122908	15.48
12	TP6	192153	11.36	102543	14.00	150206	15.47
13	TP2	197066	11.36	92292	14.00	124460	15.47
14	TP3	196687	11.37	129509	14.00	131437	15.47
15	TP4	207396	11.36	127828	14.00	120668	15.47
16	TP5	151769	11.36	76982	14.00	91479	15.47
17	TP7	141606	11.36	77551	14.00	93318	15.47
18	LINNETT-CONC	138756	11.36	75241	14.00	92728	15.47
19	ORIENT-CONC	144942	11.36	80609	14.00	96626	15.47
20	EVERGREEN-CONC	141713	11.36	75718	14.00	91777	15.47

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080324 SAS No.: BF080324 SDG NO.: BF080324

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 3 2024 12:00AM

Lab File ID: BF138759.D Time Analyzed: 19:53

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	249821	11.374	123992	14.015	142150	15.48
UPPER LIMIT	499642	11.874	247984	14.515	284300	15.98
LOWER LIMIT	124910.5	10.874	61996	13.515	71075	14.98
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.: **BF080324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162460BS	n-Nitrosodimethylamine	1700	1100	ug/Kg	65				57	103	
	Pyridine	1700	880	ug/Kg	52				28	98	
	Benzaldehyde	1700	1600	ug/Kg	94				10	147	
	Aniline	1700	1100	ug/Kg	65				38	100	
	Phenol	1700	1400	ug/Kg	82				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102	
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100	
	Benzyl Alcohol	1700	1600	ug/Kg	94				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1400	ug/Kg	82				55	104	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1700	ug/Kg	100		*		59	99	
	2-Nitrophenol	1700	1700	ug/Kg	100				61	111	
	2,4-Dimethylphenol	1700	1800	ug/Kg	106				67	119	
	bis(2-Chloroethoxy)methane	1700	1600	ug/Kg	94				53	105	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110	
	Benzoic acid	1700	1200	ug/Kg	71				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	950	ug/Kg	56				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1400	ug/Kg	82				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	3300	ug/Kg	100				45	134	
	2,4,6-Trichlorophenol	1700	1300	ug/Kg	76				59	102	
	2,4,5-Trichlorophenol	1700	1200	ug/Kg	71				61	98	
	1,1-Biphenyl	1700	1200	ug/Kg	71				57	103	
	2-Chloronaphthalene	1700	1200	ug/Kg	71				58	99	
	2-Nitroaniline	1700	1300	ug/Kg	76				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1500	ug/Kg	88				63	101	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104	
	3-Nitroaniline	1700	1000	ug/Kg	59				28	100	
	Acenaphthene	1700	1300	ug/Kg	76				57	104	
	Total PAH	27200	24100	ug/Kg	89				57	104	
	2,4-Dinitrophenol	3300	2600	ug/Kg	79				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF080324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162460BS	4-Nitrophenol	3300	2300	ug/Kg	70				48	119		
	Dibenzofuran	1700	1300	ug/Kg	76				63	99		
	2,4-Dinitrotoluene	1700	1400	ug/Kg	82				60	106		
	2,4-Dinitrotoluene/2,6-Dinitrotc	3400	2900	ug/Kg	85				60	106		
	Diethylphthalate	1700	1400	ug/Kg	82				60	101		
	4-Chlorophenyl-phenylether	1700	1300	ug/Kg	76				58	98		
	Fluorene	1700	1300	ug/Kg	76				61	101		
	4-Nitroaniline	1700	1200	ug/Kg	71				64	103		
	4,6-Dinitro-2-methylphenol	1700	1300	ug/Kg	76				76	113		
	N-Nitrosodiphenylamine	1700	1300	ug/Kg	76				56	107		
	Azobenzene	1700	1300	ug/Kg	76				54	103		
	4-Bromophenyl-phenylether	1700	1300	ug/Kg	76				55	99		
	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98		
	Atrazine	1700	1800	ug/Kg	106				67	113		
	Pentachlorophenol	3300	2700	ug/Kg	82				67	105		
	Phenanthrene	1700	1500	ug/Kg	88				59	103		
	Anthracene	1700	1600	ug/Kg	94				61	105		
	Carbazole	1700	1500	ug/Kg	88				61	99		
	Di-n-butylphthalate	1700	1700	ug/Kg	100				58	104		
	Fluoranthene	1700	1400	ug/Kg	82				57	107		
	Benzidine	3300	630	ug/Kg	19				10	98		
	Pyrene	1700	1500	ug/Kg	88				59	103		
	Butylbenzylphthalate	1700	1600	ug/Kg	94				55	103		
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				42	91		
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102		
	Chrysene	1700	1600	ug/Kg	94				59	101		
	bis(2-Ethylhexyl)phthalate	1700	1700	ug/Kg	100				63	111		
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				70	108		
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109		
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109		
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103		
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101		
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112		
	Benzo(g,h,i)perylene	1700	1400	ug/Kg	82				70	108		
	1,2,4,5-Tetrachlorobenzene	1700	1200	ug/Kg	71				53	101		
	1,4-Dioxane	1700	820	ug/Kg	48		*		50	96		
	2,3,4,6-Tetrachlorophenol	1700	1400	ug/Kg	82				59	108		
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VNJ-222MS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080324

SAS No.: BF080324 SDG NO.: BF080324

Lab File ID: BF138763.D

Lab Sample ID: P3402-01MS

Instrument ID: BNA_F

Date Extracted: 07/31/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/03/2024

Level: (low/med) LOW

Time Analyzed: 11:32

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VNJ-222MS	P3402-01MS	BF138763.D	08/03/2024
VNJ-222MSD	P3402-01MSD	BF138764.D	08/03/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

EB-03-072624

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080324

SAS No.: BF080324 SDG NO.: BF080324

Lab File ID: BF138765.D

Lab Sample ID: P3393-25

Instrument ID: BNA_F

Date Extracted: 07/31/2024

Matrix: (soil/water) Water

Date Analyzed: 08/03/2024

Level: (low/med) LOW

Time Analyzed: 12:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EB-03-072624	P3393-25	BF138765.D	08/03/2024
EB-02-072624	P3393-26	BF138766.D	08/03/2024
EB-01-072624	P3393-27	BF138767.D	08/03/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162460BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080324

SAS No.: BF080324 SDG NO.: BF080324

Lab File ID: BF138760.D

Lab Sample ID: PB162460BL

Instrument ID: BNA_F

Date Extracted: 08/02/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/03/2024

Level: (low/med) LOW

Time Analyzed: 09:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162460BS	PB162460BS	BF138761.D	08/03/2024
OU4-PCS-02-072324RX	P3379-03RX	BF138762.D	08/03/2024
TP7	P3448-13	BF138776.D	08/03/2024
LINNETT-CONC	P3448-15	BF138777.D	08/03/2024
ORIENT-CONC	P3448-17	BF138778.D	08/03/2024
EVERGREEN-CONC	P3448-19	BF138779.D	08/03/2024
TP4	P3448-07	BF138768.D	08/03/2024
TP4MS	P3448-07MS	BF138769.D	08/03/2024
TP4MSD	P3448-07MSD	BF138770.D	08/03/2024
TP6	P3448-11	BF138771.D	08/03/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TP2

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080324

SAS No.: BF080324 SDG NO.: BF080324

Lab File ID: BF138772.D

Lab Sample ID: P3448-04

Instrument ID: BNA_F

Date Extracted: 08/02/2024

Matrix: (soil/water) water

Date Analyzed: 08/03/2024

Level: (low/med) LOW

Time Analyzed: 16:14

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP2	P3448-04	BF138772.D	08/03/2024
TP3	P3448-06	BF138773.D	08/03/2024
TP4	P3448-08	BF138774.D	08/03/2024
TP5	P3448-10	BF138775.D	08/03/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3448-07MS		Client Sample ID: TP4MS		DataFile: BF138769.D							
n-Nitrosodimethylamine	1100		1100	ug/Kg	100				66	124	
Pyridine	1100		860	ug/Kg	78				45	119	
Benzaldehyde	1100		0	ug/Kg	0	*			26	163	
Aniline	1100		590	ug/Kg	54				10	88	
Phenol	1100		1000	ug/Kg	91				67	126	
bis(2-Chloroethyl)ether	1100		990	ug/Kg	90				74	116	
2-Chlorophenol	1100		1100	ug/Kg	100				61	138	
1,2-Dichlorobenzene	1100		1000	ug/Kg	91				61	105	
1,3-Dichlorobenzene	1100		1000	ug/Kg	91				62	101	
1,4-Dichlorobenzene	1100		1000	ug/Kg	91				63	104	
Benzyl Alcohol	1100		1100	ug/Kg	100				47	126	
2-Methylphenol	1100		1100	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	1100		920	ug/Kg	84				52	115	
Acetophenone	1100		1000	ug/Kg	91				75	111	
3+4-Methylphenols	1100		1100	ug/Kg	100				53	132	
N-Nitroso-di-n-propylamine	1100		1100	ug/Kg	100				59	119	
Hexachloroethane	1100		1000	ug/Kg	91				65	117	
Nitrobenzene	1100		970	ug/Kg	88				70	119	
Isophorone	1100		1000	ug/Kg	91				76	122	
2-Nitrophenol	1100		1100	ug/Kg	100				54	145	
2,4-Dimethylphenol	1100		1200	ug/Kg	109				83	144	
bis(2-Chloroethoxy)methane	1100		1000	ug/Kg	91				68	112	
2,4-Dichlorophenol	1100		1100	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1100		1000	ug/Kg	91				57	103	
Benzoic acid	1100		770	ug/Kg	70				50	104	
Naphthalene	1100		1000	ug/Kg	91				72	110	
4-Chloroaniline	1100		300	ug/Kg	27				10	100	
Hexachlorobutadiene	1100		1000	ug/Kg	91				66	114	
Caprolactam	1100		1000	ug/Kg	91				51	134	
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100				57	132	
2-Methylnaphthalene	1100		1100	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	2200		2200	ug/Kg	100				10	175	
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1100		1000	ug/Kg	91				72	117	
1,1-Biphenyl	1100		970	ug/Kg	88				75	113	
2-Chloronaphthalene	1100		1000	ug/Kg	91				67	118	
2-Nitroaniline	1100		1000	ug/Kg	91				69	127	
Dimethylphthalate	1100		1100	ug/Kg	100				70	113	
Acenaphthylene	1100		1100	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1100		1000	ug/Kg	91				70	125	
3-Nitroaniline	1100		550	ug/Kg	50				20	111	
Acenaphthene	1100		1000	ug/Kg	91				70	121	
Total PAH	17600		17850	ug/Kg	101				70	121	
2,4-Dinitrophenol	2200		1800	ug/Kg	82				16	160	
4-Nitrophenol	2200		1800	ug/Kg	82				45	133	
Dibenzofuran	1100		1100	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2100	ug/Kg	95				55	128	
2,4-Dinitrotoluene	1100		1100	ug/Kg	100				55	128	
Diethylphthalate	1100		1100	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1100		1100	ug/Kg	100				71	108	
Fluorene	1100		1100	ug/Kg	100				68	116	
4-Nitroaniline	1100		940	ug/Kg	85				55	120	
4,6-Dinitro-2-methylphenol	1100		1100	ug/Kg	100				32	145	
N-Nitrosodiphenylamine	1100		1200	ug/Kg	109				73	118	
Azobenzene	1100		1100	ug/Kg	100				73	110	
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100				65	121	
Hexachlorobenzene	1100		1100	ug/Kg	100				67	118	
Atrazine	1100		1300	ug/Kg	118				79	127	
Pentachlorophenol	2200		1800	ug/Kg	82				47	128	
Phenanthrene	1100		1300	ug/Kg	118	*			72	113	
Anthracene	1100		1200	ug/Kg	109				62	124	
Carbazole	1100		1000	ug/Kg	91				59	119	
Di-n-butylphthalate	1100		1300	ug/Kg	118				69	118	
Fluoranthene	1100		1200	ug/Kg	109				59	125	
Benzydine	2200		780	ug/Kg	35				10	119	
Pyrene	1100		1300	ug/Kg	118				52	128	
Butylbenzylphthalate	1100		1300	ug/Kg	118				64	126	
3,3-Dichlorobenzidine	1100		680	ug/Kg	62				10	164	
Benzo(a)anthracene	1100		1200	ug/Kg	109				71	114	
Chrysene	1100		1200	ug/Kg	109				57	121	
bis(2-Ethylhexyl)phthalate	1100		1200	ug/Kg	109				66	127	
Di-n-octyl phthalate	1100		1000	ug/Kg	91				71	126	
Benzo(b)fluoranthene	1100		1200	ug/Kg	109				67	121	
Benzo(k)fluoranthene	1100		1000	ug/Kg	91				74	114	
Benzo(a)pyrene	1100		1200	ug/Kg	109				70	142	
Indeno(1,2,3-cd)pyrene	1100		1000	ug/Kg	91				61	125	
Dibenz(a,h)anthracene	1100		980	ug/Kg	89				67	130	
Benzo(g,h,i)perylene	1100		870	ug/Kg	79				53	140	
1,2,4,5-Tetrachlorobenzene	1100		1000	ug/Kg	91				69	124	
1,4-Dioxane	1100		830	ug/Kg	75				46	112	
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100				56	133	
1-Methylnaphthalene	1100		1000	ug/Kg	91				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3448-07MSD		Client Sample ID: TP4MSD		DataFile: BF138770.D							
n-Nitrosodimethylamine	1100		1100	ug/Kg	100	0			66	124	20
Pyridine	1100		900	ug/Kg	82	5			45	119	20
Benzaldehyde	1100		0	ug/Kg	0	*			26	163	20
Aniline	1100		590	ug/Kg	54	0			10	88	20
Phenol	1100		1000	ug/Kg	91	0			67	126	20
bis(2-Chloroethyl)ether	1100		1000	ug/Kg	91	1			74	116	20
2-Chlorophenol	1100		1100	ug/Kg	100	0			61	138	20
1,2-Dichlorobenzene	1100		1100	ug/Kg	100	9			61	105	20
1,3-Dichlorobenzene	1100		1000	ug/Kg	91	0			62	101	20
1,4-Dichlorobenzene	1100		1100	ug/Kg	100	9			63	104	20
Benzyl Alcohol	1100		1100	ug/Kg	100	0			47	126	20
2-Methylphenol	1100		1100	ug/Kg	100	0			66	122	20
2,2-oxybis(1-Chloropropane)	1100		950	ug/Kg	86	2			52	115	20
Acetophenone	1100		1000	ug/Kg	91	0			75	111	20
3+4-Methylphenols	1100		1100	ug/Kg	100	0			53	132	20
N-Nitroso-di-n-propylamine	1100		1100	ug/Kg	100	0			59	119	20
Hexachloroethane	1100		1100	ug/Kg	100	9			65	117	20
Nitrobenzene	1100		1000	ug/Kg	91	3			70	119	20
Isophorone	1100		1100	ug/Kg	100	9			76	122	20
2-Nitrophenol	1100		1100	ug/Kg	100	0			54	145	20
2,4-Dimethylphenol	1100		1200	ug/Kg	109	0			83	144	20
bis(2-Chloroethoxy)methane	1100		1100	ug/Kg	100	9			68	112	20
2,4-Dichlorophenol	1100		1100	ug/Kg	100	0			72	118	20
1,2,4-Trichlorobenzene	1100		1000	ug/Kg	91	0			57	103	20
Benzoic acid	1100		820	ug/Kg	75	7			50	104	20
Naphthalene	1100		1100	ug/Kg	100	9			72	110	20
4-Chloroaniline	1100		270	ug/Kg	25	8			10	100	20
Hexachlorobutadiene	1100		1100	ug/Kg	100	9			66	114	20
Caprolactam	1100		1100	ug/Kg	100	9			51	134	20
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100	0			57	132	20
2-Methylnaphthalene	1100		1100	ug/Kg	100	0			59	123	20
Hexachlorocyclopentadiene	2300		2300	ug/Kg	100	0			10	175	20
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100	0			72	117	20
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100	9			72	117	20
1,1-Biphenyl	1100		1000	ug/Kg	91	3			75	113	20
2-Chloronaphthalene	1100		1100	ug/Kg	100	9			67	118	20
2-Nitroaniline	1100		1100	ug/Kg	100	9			69	127	20
Dimethylphthalate	1100		1200	ug/Kg	109	9			70	113	20
Acenaphthylene	1100		1200	ug/Kg	109	9			79	118	20
2,6-Dinitrotoluene	1100		1100	ug/Kg	100	9			70	125	20
3-Nitroaniline	1100		570	ug/Kg	52	4			20	111	20
Acenaphthene	1100		1100	ug/Kg	100	9			70	121	20
Total PAH	17600		18130	ug/Kg	103	2			70	121	20
2,4-Dinitrophenol	2300		2000	ug/Kg	87	6			16	160	20
4-Nitrophenol	2300		1900	ug/Kg	83	1			45	133	20
Dibenzofuran	1100		1100	ug/Kg	100	0			72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2200	ug/Kg	100		5		55	128	20
2,4-Dinitrotoluene	1100		1100	ug/Kg	100		0		55	128	20
Diethylphthalate	1100		1200	ug/Kg	109		9		70	112	20
4-Chlorophenyl-phenylether	1100		1100	ug/Kg	100		0		71	108	20
Fluorene	1100		1100	ug/Kg	100		0		68	116	20
4-Nitroaniline	1100		1000	ug/Kg	91		7		55	120	20
4,6-Dinitro-2-methylphenol	1100		1100	ug/Kg	100		0		32	145	20
N-Nitrosodiphenylamine	1100		1100	ug/Kg	100		9		73	118	20
Azobenzene	1100		1100	ug/Kg	100		0		73	110	20
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100		0		65	121	20
Hexachlorobenzene	1100		1100	ug/Kg	100		0		67	118	20
Atrazine	1100		1300	ug/Kg	118		0		79	127	20
Pentachlorophenol	2300		1800	ug/Kg	78		5		47	128	20
Phenanthrene	1100		1300	ug/Kg	118	*	0		72	113	20
Anthracene	1100		1200	ug/Kg	109		0		62	124	20
Carbazole	1100		1100	ug/Kg	100		9		59	119	20
Di-n-butylphthalate	1100		1300	ug/Kg	118		0		69	118	20
Fluoranthene	1100		1300	ug/Kg	118		8		59	125	20
Benzydine	2300		800	ug/Kg	35		0		10	119	20
Pyrene	1100		1200	ug/Kg	109		8		52	128	20
Butylbenzylphthalate	1100		1500	ug/Kg	136	*	14		64	126	20
3,3-Dichlorobenzidine	1100		720	ug/Kg	65		5		10	164	20
Benzo(a)anthracene	1100		1300	ug/Kg	118	*	8		71	114	20
Chrysene	1100		1200	ug/Kg	109		0		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1200	ug/Kg	109		0		66	127	20
Di-n-octyl phthalate	1100		1100	ug/Kg	100		9		71	126	20
Benzo(b)fluoranthene	1100		1200	ug/Kg	109		0		67	121	20
Benzo(k)fluoranthene	1100		1000	ug/Kg	91		0		74	114	20
Benzo(a)pyrene	1100		1200	ug/Kg	109		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100		950	ug/Kg	86		6		61	125	20
Dibenz(a,h)anthracene	1100		910	ug/Kg	83		7		67	130	20
Benzo(g,h,i)perylene	1100		870	ug/Kg	79		0		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		1000	ug/Kg	91		0		69	124	20
1,4-Dioxane	1100		860	ug/Kg	78		4		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109		9		56	133	20
1-Methylnaphthalene	1100		1000	ug/Kg	91		0		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3402-01MS		Client Sample ID: VNJ-222MS		DataFile: BF138763.D							
n-Nitrosodimethylamine	1100		970	ug/Kg	88				66	124	
Pyridine	1100		830	ug/Kg	75				45	119	
Benzaldehyde	1100		0	ug/Kg	0	*			26	163	
Aniline	1100		1000	ug/Kg	91	*			10	88	
Phenol	1100		1100	ug/Kg	100				67	126	
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100				74	116	
2-Chlorophenol	1100		1100	ug/Kg	100				61	138	
1,2-Dichlorobenzene	1100		1100	ug/Kg	100				61	105	
1,3-Dichlorobenzene	1100		1100	ug/Kg	100				62	101	
1,4-Dichlorobenzene	1100		1100	ug/Kg	100				63	104	
Benzyl Alcohol	1100		1200	ug/Kg	109				47	126	
2-Methylphenol	1100		1100	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	1100		1000	ug/Kg	91				52	115	
Acetophenone	1100		1000	ug/Kg	91				75	111	
3+4-Methylphenols	1100		1200	ug/Kg	109				53	132	
N-Nitroso-di-n-propylamine	1100		1200	ug/Kg	109				59	119	
Hexachloroethane	1100		1100	ug/Kg	100				65	117	
Nitrobenzene	1100		1000	ug/Kg	91				70	119	
Isophorone	1100		1100	ug/Kg	100				76	122	
2-Nitrophenol	1100		1200	ug/Kg	109				54	145	
2,4-Dimethylphenol	1100		1200	ug/Kg	109				83	144	
bis(2-Chloroethoxy)methane	1100		1100	ug/Kg	100				68	112	
2,4-Dichlorophenol	1100		1200	ug/Kg	109				72	118	
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100				57	103	
Benzoic acid	1100		920	ug/Kg	84				50	104	
Naphthalene	1100		1100	ug/Kg	100				72	110	
4-Chloroaniline	1100		910	ug/Kg	83				10	100	
Hexachlorobutadiene	1100		1100	ug/Kg	100				66	114	
Caprolactam	1100		1100	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1100		1200	ug/Kg	109				57	132	
2-Methylnaphthalene	1100		1100	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	2300		1900	ug/Kg	83				10	175	
2,4,6-Trichlorophenol	1100		980	ug/Kg	89				72	117	
2,4,5-Trichlorophenol	1100		970	ug/Kg	88				72	117	
1,1-Biphenyl	1100		940	ug/Kg	85				75	113	
2-Chloronaphthalene	1100		990	ug/Kg	90				67	118	
2-Nitroaniline	1100		1200	ug/Kg	109				69	127	
Dimethylphthalate	1100		1200	ug/Kg	109				70	113	
Acenaphthylene	1100		1200	ug/Kg	109				79	118	
2,6-Dinitrotoluene	1100		1100	ug/Kg	100				70	125	
3-Nitroaniline	1100		950	ug/Kg	86				20	111	
Acenaphthene	1100		1100	ug/Kg	100				70	121	
Total PAH	17600		18300	ug/Kg	104				70	121	
2,4-Dinitrophenol	2300		2200	ug/Kg	96				16	160	
4-Nitrophenol	2300		2000	ug/Kg	87				45	133	
Dibenzofuran	1100		1100	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1100	ug/Kg	100				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2200	ug/Kg	100				55	128	
Diethylphthalate	1100		1200	ug/Kg	109				70	112	
4-Chlorophenyl-phenylether	1100		1100	ug/Kg	100				71	108	
Fluorene	1100		1000	ug/Kg	91				68	116	
4-Nitroaniline	1100		920	ug/Kg	84				55	120	
4,6-Dinitro-2-methylphenol	1100		990	ug/Kg	90				32	145	
N-Nitrosodiphenylamine	1100		1000	ug/Kg	91				73	118	
Azobenzene	1100		960	ug/Kg	87				73	110	
4-Bromophenyl-phenylether	1100		1000	ug/Kg	91				65	121	
Hexachlorobenzene	1100		1000	ug/Kg	91				67	118	
Atrazine	1100		1200	ug/Kg	109				79	127	
Pentachlorophenol	2300		1700	ug/Kg	74				47	128	
Phenanthrene	1100		1100	ug/Kg	100				72	113	
Anthracene	1100		1200	ug/Kg	109				62	124	
Carbazole	1100		1100	ug/Kg	100				59	119	
Di-n-butylphthalate	1100		1300	ug/Kg	118				69	118	
Fluoranthene	1100		1100	ug/Kg	100				59	125	
Benzydine	2300		1100	ug/Kg	48				10	119	
Pyrene	1100		1100	ug/Kg	100				52	128	
Butylbenzylphthalate	1100		1300	ug/Kg	118				64	126	
3,3-Dichlorobenzidine	1100		1200	ug/Kg	109				10	164	
Benzo(a)anthracene	1100		1100	ug/Kg	100				71	114	
Chrysene	1100		1100	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	1100	150	1300	ug/Kg	105				66	127	
Di-n-octyl phthalate	1100		1100	ug/Kg	100				71	126	
Benzo(b)fluoranthene	1100		1200	ug/Kg	109				67	121	
Benzo(k)fluoranthene	1100		1300	ug/Kg	118	*			74	114	
Benzo(a)pyrene	1100		1200	ug/Kg	109				70	142	
Indeno(1,2,3-cd)pyrene	1100		1200	ug/Kg	109				61	125	
Dibenz(a,h)anthracene	1100		1200	ug/Kg	109				67	130	
Benzo(g,h,i)perylene	1100		1100	ug/Kg	100				53	140	
1,2,4,5-Tetrachlorobenzene	1100		870	ug/Kg	79				69	124	
1,4-Dioxane	1100		770	ug/Kg	70				46	112	
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109				56	133	
1-Methylnaphthalene	1100		1000	ug/Kg	91				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3402-01MSD		Client Sample ID: VNJ-222MSD		DataFile: BF138764.D							
n-Nitrosodimethylamine	1100		1000	ug/Kg	91		3		66	124	20
Pyridine	1100		850	ug/Kg	77		3		45	119	20
Benzaldehyde	1100		0	ug/Kg	0	*			26	163	20
Aniline	1100		1000	ug/Kg	91	*	0		10	88	20
Phenol	1100		1100	ug/Kg	100		0		67	126	20
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100		0		74	116	20
2-Chlorophenol	1100		1100	ug/Kg	100		0		61	138	20
1,2-Dichlorobenzene	1100		1100	ug/Kg	100		0		61	105	20
1,3-Dichlorobenzene	1100		1100	ug/Kg	100		0		62	101	20
1,4-Dichlorobenzene	1100		1100	ug/Kg	100		0		63	104	20
Benzyl Alcohol	1100		1200	ug/Kg	109		0		47	126	20
2-Methylphenol	1100		1200	ug/Kg	109		9		66	122	20
2,2-oxybis(1-Chloropropane)	1100		1100	ug/Kg	100		9		52	115	20
Acetophenone	1100		1100	ug/Kg	100		9		75	111	20
3+4-Methylphenols	1100		1200	ug/Kg	109		0		53	132	20
N-Nitroso-di-n-propylamine	1100		1200	ug/Kg	109		0		59	119	20
Hexachloroethane	1100		1100	ug/Kg	100		0		65	117	20
Nitrobenzene	1100		1100	ug/Kg	100		9		70	119	20
Isophorone	1100		1200	ug/Kg	109		9		76	122	20
2-Nitrophenol	1100		1300	ug/Kg	118		8		54	145	20
2,4-Dimethylphenol	1100		1300	ug/Kg	118		8		83	144	20
bis(2-Chloroethoxy)methane	1100		1100	ug/Kg	100		0		68	112	20
2,4-Dichlorophenol	1100		1200	ug/Kg	109		0		72	118	20
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100		0		57	103	20
Benzoic acid	1100		920	ug/Kg	84		0		50	104	20
Naphthalene	1100		1100	ug/Kg	100		0		72	110	20
4-Chloroaniline	1100		950	ug/Kg	86		4		10	100	20
Hexachlorobutadiene	1100		1100	ug/Kg	100		0		66	114	20
Caprolactam	1100		1200	ug/Kg	109		9		51	134	20
4-Chloro-3-methylphenol	1100		1200	ug/Kg	109		0		57	132	20
2-Methylnaphthalene	1100		1200	ug/Kg	109		9		59	123	20
Hexachlorocyclopentadiene	2300		2300	ug/Kg	100		19		10	175	20
2,4,6-Trichlorophenol	1100		1200	ug/Kg	109		20		72	117	20
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100		13		72	117	20
1,1-Biphenyl	1100		1000	ug/Kg	91		7		75	113	20
2-Chloronaphthalene	1100		1100	ug/Kg	100		11		67	118	20
2-Nitroaniline	1100		1200	ug/Kg	109		0		69	127	20
Dimethylphthalate	1100		1200	ug/Kg	109		0		70	113	20
Acenaphthylene	1100		1200	ug/Kg	109		0		79	118	20
2,6-Dinitrotoluene	1100		1200	ug/Kg	109		9		70	125	20
3-Nitroaniline	1100		960	ug/Kg	87		1		20	111	20
Acenaphthene	1100		1100	ug/Kg	100		0		70	121	20
Total PAH	17600		18660	ug/Kg	106		2		70	121	20
2,4-Dinitrophenol	2300		2300	ug/Kg	100		4		16	160	20
4-Nitrophenol	2300		2200	ug/Kg	96		10		45	133	20
Dibenzofuran	1100		1300	ug/Kg	118	*	17		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1300	ug/Kg	118		17		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2500	ug/Kg	114		13		55	128	20
Diethylphthalate	1100		1400	ug/Kg	127	*	15		70	112	20
4-Chlorophenyl-phenylether	1100		1200	ug/Kg	109	*	9		71	108	20
Fluorene	1100		1200	ug/Kg	109		18		68	116	20
4-Nitroaniline	1100		1100	ug/Kg	100		17		55	120	20
4,6-Dinitro-2-methylphenol	1100		1000	ug/Kg	91		1		32	145	20
N-Nitrosodiphenylamine	1100		1000	ug/Kg	91		0		73	118	20
Azobenzene	1100		1200	ug/Kg	109		22	*	73	110	20
4-Bromophenyl-phenylether	1100		970	ug/Kg	88		3		65	121	20
Hexachlorobenzene	1100		980	ug/Kg	89		2		67	118	20
Atrazine	1100		1200	ug/Kg	109		0		79	127	20
Pentachlorophenol	2300		1900	ug/Kg	83		11		47	128	20
Phenanthrene	1100		1100	ug/Kg	100		0		72	113	20
Anthracene	1100		1100	ug/Kg	100		9		62	124	20
Carbazole	1100		1100	ug/Kg	100		0		59	119	20
Di-n-butylphthalate	1100		1300	ug/Kg	118		0		69	118	20
Fluoranthene	1100		960	ug/Kg	87		14		59	125	20
Benzydine	2300		1100	ug/Kg	48		0		10	119	20
Pyrene	1100		1200	ug/Kg	109		9		52	128	20
Butylbenzylphthalate	1100		1400	ug/Kg	127	*	7		64	126	20
3,3-Dichlorobenzidine	1100		1200	ug/Kg	109		0		10	164	20
Benzo(a)anthracene	1100		1200	ug/Kg	109		9		71	114	20
Chrysene	1100		1100	ug/Kg	100		0		57	121	20
bis(2-Ethylhexyl)phthalate	1100	150	1400	ug/Kg	114		8		66	127	20
Di-n-octyl phthalate	1100		1100	ug/Kg	100		0		71	126	20
Benzo(b)fluoranthene	1100		1400	ug/Kg	127	*	15		67	121	20
Benzo(k)fluoranthene	1100		1200	ug/Kg	109		8		74	114	20
Benzo(a)pyrene	1100		1200	ug/Kg	109		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100		1300	ug/Kg	118		8		61	125	20
Dibenz(a,h)anthracene	1100		1200	ug/Kg	109		0		67	130	20
Benzo(g,h,i)perylene	1100		1100	ug/Kg	100		0		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100		23	*	69	124	20
1,4-Dioxane	1100		780	ug/Kg	71		1		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1400	ug/Kg	127		15		56	133	20
1-Methylnaphthalene	1100		1100	ug/Kg	100		9		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF080324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3402-01MS	VNJ-222MS	BF138763.D	2-Fluorophenol	150	86.03	57		18	112
			Phenol-d6	150	93.49	62		15	107
			Nitrobenzene-d5	100	62.19	62		18	107
			2-Fluorobiphenyl	100	56.18	56		20	109
			2,4,6-Tribromophenol	150	86.95	58		10	110
			Terphenyl-d14	100	77.67	78		14	112
P3402-01MSD	VNJ-222MSD	BF138764.D	2-Fluorophenol	150	89.10	59		18	112
			Phenol-d6	150	93.41	62		15	107
			Nitrobenzene-d5	100	68.01	68		18	107
			2-Fluorobiphenyl	100	66.18	66		20	109
			2,4,6-Tribromophenol	150	101.71	68		10	110
			Terphenyl-d14	100	81.31	81		14	112

Surrogate Summary

SW-846

SDG No.: **BF080324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3393-25	EB-03-072624	BF138765.D	2-Fluorophenol	150	48.74	32		10	139
			Phenol-d6	150	29.10	19		10	134
			Nitrobenzene-d5	100	71.33	71		49	133
			2-Fluorobiphenyl	100	79.42	79		52	132
			2,4,6-Tribromophenol	150	135.63	90		32	145
			Terphenyl-d14	100	121.71	122		36	145
P3393-26	EB-02-072624	BF138766.D	2-Fluorophenol	150	50.23	33		10	139
			Phenol-d6	150	30.31	20		10	134
			Nitrobenzene-d5	100	79.45	79		49	133
			2-Fluorobiphenyl	100	76.79	77		52	132
			2,4,6-Tribromophenol	150	144.79	97		32	145
			Terphenyl-d14	100	107.14	107		36	145
P3393-27	EB-01-072624	BF138767.D	2-Fluorophenol	150	40.02	27		10	139
			Phenol-d6	150	23.94	16		10	134
			Nitrobenzene-d5	100	70.95	71		49	133
			2-Fluorobiphenyl	100	66.05	66		52	132
			2,4,6-Tribromophenol	150	118.69	79		32	145
			Terphenyl-d14	100	95.96	96		36	145

Surrogate Summary

SW-846

SDG No.: **BF080324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3379-03RX	OU4-PCS-02-07232	BF138762.D	2-Fluorophenol	150	123.79	83		18	112
			Phenol-d6	150	129.16	86		15	107
			Nitrobenzene-d5	100	84.49	84		18	107
			2-Fluorobiphenyl	100	82.37	82		20	109
			2,4,6-Tribromophenol	150	141.78	95		10	110
			Terphenyl-d14	100	96.18	96		14	112
P3448-07	TP4	BF138768.D	2-Fluorophenol	150	90.06	60		18	112
			Phenol-d6	150	92.84	62		15	107
			Nitrobenzene-d5	100	60.01	60		18	107
			2-Fluorobiphenyl	100	64.01	64		20	109
			2,4,6-Tribromophenol	150	109.12	73		10	110
			Terphenyl-d14	100	84.75	85		14	112
P3448-07MS	TP4MS	BF138769.D	2-Fluorophenol	150	85.35	57		18	112
			Phenol-d6	150	87.82	59		15	107
			Nitrobenzene-d5	100	56.53	57		18	107
			2-Fluorobiphenyl	100	59.35	59		20	109
			2,4,6-Tribromophenol	150	92.72	62		10	110
			Terphenyl-d14	100	67.52	68		14	112
P3448-07MSD	TP4MSD	BF138770.D	2-Fluorophenol	150	88.28	59		18	112
			Phenol-d6	150	87.89	59		15	107
			Nitrobenzene-d5	100	58.91	59		18	107
			2-Fluorobiphenyl	100	61.36	61		20	109
			2,4,6-Tribromophenol	150	99.02	66		10	110
			Terphenyl-d14	100	69.50	69		14	112
P3448-11	TP6	BF138771.D	2-Fluorophenol	150	89.62	60		18	112
			Phenol-d6	150	91.03	61		15	107
			Nitrobenzene-d5	100	56.01	56		18	107
			2-Fluorobiphenyl	100	53.05	53		20	109
			2,4,6-Tribromophenol	150	82.69	55		10	110
			Terphenyl-d14	100	68.31	68		14	112
P3448-13	TP7	BF138776.D	2-Fluorophenol	150	89.86	60		18	112
			Phenol-d6	150	88.72	59		15	107
			Nitrobenzene-d5	100	59.85	60		18	107
			2-Fluorobiphenyl	100	61.71	62		20	109
			2,4,6-Tribromophenol	150	89.41	60		10	110
			Terphenyl-d14	100	63.15	63		14	112
P3448-15	LINNETT-CONC	BF138777.D	2-Fluorophenol	150	67.84	45		18	112
			Phenol-d6	150	79.87	53		15	107
			Nitrobenzene-d5	100	62.46	62		18	107
			2-Fluorobiphenyl	100	66.30	66		20	109
			2,4,6-Tribromophenol	150	57.89	39		10	110
			Terphenyl-d14	100	67.84	68		14	112
P3448-17	ORIENT-CONC	BF138778.D	2-Fluorophenol	150	68.43	46		18	112
			Phenol-d6	150	77.99	52		15	107
			Nitrobenzene-d5	100	61.29	61		18	107
			2-Fluorobiphenyl	100	66.29	66		20	109
			2,4,6-Tribromophenol	150	54.04	36		10	110
			Terphenyl-d14	100	67.06	67		14	112
P3448-19	EVERGREEN-CONC	BF138779.D	2-Fluorophenol	150	88.57	59		18	112

Surrogate Summary

SW-846

SDG No.: **BF080324**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3448-19	EVERGREEN-COM	BF138779.D	Phenol-d6	150	89.37	60		15	107
			Nitrobenzene-d5	100	60.08	60		18	107
			2-Fluorobiphenyl	100	67.77	68		20	109
			2,4,6-Tribromophenol	150	84.67	56		10	110
			Terphenyl-d14	100	68.66	69		14	112
PB162460BL	PB162460BL	BF138760.D	2-Fluorophenol	150	130.82	87		18	112
			Phenol-d6	150	133.96	89		15	107
			Nitrobenzene-d5	100	76.12	76		18	107
			2-Fluorobiphenyl	100	91.13	91		20	109
			2,4,6-Tribromophenol	150	146.03	97		10	110
PB162460BS	PB162460BS	BF138761.D	Terphenyl-d14	100	103.09	103		14	112
			2-Fluorophenol	150	102.09	68		18	112
			Phenol-d6	150	114.54	76		15	107
			Nitrobenzene-d5	100	85.79	86		18	107
			2-Fluorobiphenyl	100	71.26	71		20	109
			2,4,6-Tribromophenol	150	120.21	80		10	110
			Terphenyl-d14	100	90.96	91		14	112

Surrogate Summary

SW-846

SDG No.: **BF080324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3448-04	TP2	BF138772.D	2-Fluorophenol	150	139.70	93		10	139
			Phenol-d6	150	137.51	92		10	134
			Nitrobenzene-d5	100	94.97	95		49	133
			2-Fluorobiphenyl	100	95.58	96		52	132
			2,4,6-Tribromophenol	150	154.73	103		32	145
			Terphenyl-d14	100	124.71	125		36	145
P3448-06	TP3	BF138773.D	2-Fluorophenol	150	135.24	90		10	139
			Phenol-d6	150	127.66	85		10	134
			Nitrobenzene-d5	100	93.10	93		49	133
			2-Fluorobiphenyl	100	95.70	96		52	132
			2,4,6-Tribromophenol	150	164.46	110		32	145
			Terphenyl-d14	100	107.27	107		36	145
P3448-08	TP4	BF138774.D	2-Fluorophenol	150	130.59	87		10	139
			Phenol-d6	150	131.05	87		10	134
			Nitrobenzene-d5	100	95.28	95		49	133
			2-Fluorobiphenyl	100	90.76	91		52	132
			2,4,6-Tribromophenol	150	181.33	121		32	145
			Terphenyl-d14	100	97.16	97		36	145
P3448-10	TP5	BF138775.D	2-Fluorophenol	150	124.60	83		10	139
			Phenol-d6	150	115.57	77		10	134
			Nitrobenzene-d5	100	91.93	92		49	133
			2-Fluorobiphenyl	100	94.23	94		52	132
			2,4,6-Tribromophenol	150	146.07	97		32	145
			Terphenyl-d14	100	109.91	110		36	145

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF080324

Lab Code: CHEM

SAS No.: BF080324 SDG NO.: BF080324

Lab File ID: BF138758.D

DFTPP Injection Date: 08/03/2024

Instrument ID: BNA_F

DFTPP Injection Time: 08:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	42.1
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	37.3
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	47.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	26
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	13.4
442	Greater than 50% of mass 198	83.9
443	15.0 - 24.0% of mass 442	16 (19) 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	BF138759.D	08/03/2024	09:28
PB162460BL	PB162460BL	BF138760.D	08/03/2024	09:58
PB162460BS	PB162460BS	BF138761.D	08/03/2024	10:28
OU4-PCS-02-072324RX	P3379-03RX	BF138762.D	08/03/2024	11:02
VNJ-222MS	P3402-01MS	BF138763.D	08/03/2024	11:32
VNJ-222MSD	P3402-01MSD	BF138764.D	08/03/2024	12:03
EB-03-072624	P3393-25	BF138765.D	08/03/2024	12:35
EB-02-072624	P3393-26	BF138766.D	08/03/2024	13:06
EB-01-072624	P3393-27	BF138767.D	08/03/2024	13:37
TP4	P3448-07	BF138768.D	08/03/2024	14:09
TP4MS	P3448-07MS	BF138769.D	08/03/2024	14:40
TP4MSD	P3448-07MSD	BF138770.D	08/03/2024	15:11
TP6	P3448-11	BF138771.D	08/03/2024	15:43
TP2	P3448-04	BF138772.D	08/03/2024	16:14
TP3	P3448-06	BF138773.D	08/03/2024	16:45
TP4	P3448-08	BF138774.D	08/03/2024	17:17
TP5	P3448-10	BF138775.D	08/03/2024	17:48
TP7	P3448-13	BF138776.D	08/03/2024	18:19

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF080324

Lab Code: CHEM

SAS No.: BF080324

SDG NO.: BF080324

Lab File ID: BF138758.D

DFTPP Injection Date: 08/03/2024

Instrument ID: BNA_F

DFTPP Injection Time: 08:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	42.1
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	37.3
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	47.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	26
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	13.4
442	Greater than 50% of mass 198	83.9
443	15.0 - 24.0% of mass 442	16 (19) 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
LINNETT-CONC	P3448-15	BF138777.D	08/03/2024	18:50
ORIENT-CONC	P3448-17	BF138778.D	08/03/2024	19:22
EVERGREEN-CONC	P3448-19	BF138779.D	08/03/2024	19:53
SSTDCCC040EC	SSTDCCC040EC	BF138780.D	08/03/2024	20:24