

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF111524 SAS No.: BF111524 SDG No.: BF111524

Instrument ID: BNA_F Calibration Date/Time: 11/15/2024 : 09:42

Lab File ID: BF140391.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	0.649	0.636		-2.003	
Pyridine	1.283	1.292		0.701	
2-Fluorophenol	1.171	1.174		0.256	
Benzaldehyde	0.951	0.866		-8.938	
Aniline	1.381	1.256		-9.051	
Phenol-d6	1.587	1.530		-3.592	
Phenol	1.674	1.610		-3.823	20.0
bis(2-Chloroethyl) ether	1.268	1.224		-3.47	
2-Chlorophenol	1.258	1.239		-1.51	
1,2-Dichlorobenzene	1.307	1.302		-0.383	
1,3-Dichlorobenzene	1.388	1.376		-0.865	
1,4-Dichlorobenzene	1.408	1.409		0.071	20.0
Benzyl Alcohol	1.143	1.109		-2.975	
2-Methylphenol	1.035	0.992		-4.155	
2,2-oxybis(1-Chloropropane)	1.752	1.582		-9.703	
Acetophenone	0.465	0.462		-0.645	
3+4-Methylphenols	1.295	1.266		-2.239	
n-Nitroso-di-n-propylamine	0.959	0.883	0.050	-7.925	
Nitrobenzene-d5	0.384	0.381		-0.781	
Hexachloroethane	0.520	0.507		-2.5	
Nitrobenzene	0.400	0.397		-0.75	
Isophorone	0.680	0.646		-5.0	
2-Nitrophenol	0.177	0.180		1.695	20.0
2,4-Dimethylphenol	0.227	0.221		-2.643	
bis(2-Chloroethoxy) methane	0.417	0.394		-5.516	
2,4-Dichlorophenol	0.281	0.280		-0.356	20.0
1,2,4-Trichlorobenzene	0.312	0.309		-0.962	
Benzoic acid	0.200	0.210		5.0	
Naphthalene	1.015	1.007		-0.788	
4-Chloroaniline	0.353	0.334		-5.382	
Hexachlorobutadiene	0.199	0.197		-1.005	20.0
Caprolactam	0.093	0.094		1.075	
4-Chloro-3-methylphenol	0.311	0.310		-0.322	20.0
2-Methylnaphthalene	0.651	0.633		-2.765	
Hexachlorocyclopentadiene	0.142	0.122	0.050	-14.085	
2,4,6-Trichlorophenol	0.363	0.368		1.377	20.0
2-Fluorobiphenyl	1.244	1.225		-1.527	
2,4,5-Trichlorophenol	0.397	0.403		1.511	
1,1-Biphenyl	1.455	1.438		-1.168	

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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	1.108	1.095		-1.173	
2-Nitroaniline	0.368	0.371		0.815	
Dimethylphthalate	1.304	1.272		-2.454	
Acenaphthylene	1.677	1.677		0.0	
2,6-Dinitrotoluene	0.297	0.302		1.684	
3-Nitroaniline	0.312	0.312		0.0	
Acenaphthene	1.133	1.124		-0.794	20.0
2,4-Dinitrophenol	0.153	0.148	0.050	-3.268	
4-Nitrophenol	0.228	0.236	0.050	3.509	
Dibenzofuran	1.603	1.595		-0.499	
2,4-Dinitrotoluene	0.391	0.402		2.813	
Diethylphthalate	1.333	1.292		-3.076	
4-Chlorophenyl-phenylether	0.625	0.612		-2.08	
Fluorene	1.267	1.257		-0.789	
4-Nitroaniline	0.319	0.335		5.016	
4,6-Dinitro-2-methylphenol	0.108	0.116		7.407	
n-Nitrosodiphenylamine	0.578	0.566		-2.076	20.0
Azobenzene	1.317	1.259		-4.404	
2,4,6-Tribromophenol	0.199	0.198		-0.503	
4-Bromophenyl-phenylether	0.200	0.193		-3.5	
Hexachlorobenzene	0.225	0.225		0.0	
Atrazine	0.175	0.155		-11.429	
Pentachlorophenol	0.121	0.117		-3.306	20.0
Phenanthrene	0.940	0.915		-2.66	
Anthracene	0.921	0.914		-0.76	
Carbazole	0.909	0.920		1.21	
Di-n-butylphthalate	1.091	1.028		-5.775	
Fluoranthene	1.054	1.039		-1.423	20.0
Benzidine	0.768	0.658		-14.323	
Pyrene	1.711	1.790		4.617	
Terphenyl-d14	1.152	1.158		0.521	
Butylbenzylphthalate	0.657	0.675		2.74	
3,3-Dichlorobenzidine	0.418	0.425		1.675	
Benzo(a)anthracene	1.314	1.279		-2.664	
Chrysene	1.199	1.195		-0.334	
Bis(2-ethylhexyl)phthalate	0.877	0.861		-1.824	
Di-n-octyl phthalate	1.235	1.164		-5.749	20.0
Benzo(b)fluoranthene	1.308	1.193		-8.792	
Benzo(k)fluoranthene	1.069	1.073		0.374	

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Instrument ID: BNA_F Calibration Date/Time: 11/15/2024 : 09:42

Lab File ID: BF140391.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	1.016	1.005		-1.083	20.0
Indeno(1,2,3-cd)pyrene	1.235	1.249		1.134	
Dibenzo(a,h)anthracene	1.021	1.024		0.294	
Benzo(g,h,i)perylene	1.044	1.073		2.778	
1,2,4,5-Tetrachlorobenzene	0.553	0.546		-1.266	
1,4-Dioxane	0.522	0.518		-0.766	20.0
2,3,4,6-Tetrachlorophenol	0.313	0.312		-0.319	
1-Methylnaphthalene	0.637	0.619		-2.826	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	PB164789BL	SDG No.:	BF111524
Lab Sample ID:	PB164789BL	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
BF140392.D	1	11/8/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164789

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

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	PB164789BL	SDG No.:	BF111524
Lab Sample ID:	PB164789BL	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
BF140392.D	1	11/8/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.7	U	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.4	U	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.4	U	82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.3	U	71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.9	U	73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.3	U	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.2	U	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.9	U	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.6	U	81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	86.4	U	86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.1	U	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.1	U	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	81	U	81	130	170	ug/Kg
Total PAH	Total PAH	1323.5	U	1323.5	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	84.3	U	84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.2	U	169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	80	U	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.5	U	85.5	130	170	ug/Kg
86-73-7	Fluorene	85.4	U	85.4	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	81.5	U	81.5	130	170	ug/Kg
103-33-3	Azobenzene	79.5	U	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.8	U	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.9	U	84.9	130	170	ug/Kg
1912-24-9	Atrazine	91.3	U	91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	PB164789BL	SDG No.:	BF111524
Lab Sample ID:	PB164789BL	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
BF140392.D	1	11/8/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	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	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	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	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	122.691		18-112		82	SPK: -150
13127-88-3	Phenol-d6	117.957		15-107		79	SPK: -150
4165-60-0	Nitrobenzene-d5	84.09		18-107		84	SPK: -100
321-60-8	2-Fluorobiphenyl	83.629		20-109		84	SPK: -100

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	PB164789BL	SDG No.:	BF111524
Lab Sample ID:	PB164789BL	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
BF140392.D	1	11/8/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	120.906		10-116		81	SPK: -150
1718-51-0	Terphenyl-d14	78.145		10-105		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	139459	6.875				
1146-65-2	Naphthalene-d8	521031	8.157				
15067-26-2	Acenaphthene-d10	292158	9.91				
1517-22-2	Phenanthrene-d10	556998	11.404				
1719-03-5	Chrysene-d12	390196	14.057				
1520-96-3	Perylene-d12	333601	15.58				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	130	J			2.205	
000141-79-7	3-Penten-2-one, 4-methyl-	390	A			4.493	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	820	A			5.11	

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	PB164789BS	SDG No.:	BF111524
Lab Sample ID:	PB164789BS	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
BF140393.D	1	11/8/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.8	270	330	ug/Kg
110-86-1	Pyridine	1300		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	190	J	180	270	330	ug/Kg
62-53-3	Aniline	1500		96.9	130	170	ug/Kg
108-95-2	Phenol	1400		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1400		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1400		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1400		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.8	130	170	ug/Kg
78-59-1	Isophorone	1400		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1500		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1800		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1300		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1400		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	1300		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	PB164789BS	SDG No.:	BF111524
Lab Sample ID:	PB164789BS	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
BF140393.D	1	11/8/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5400	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1500		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1400		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1200		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1600		81.1	130	170	ug/Kg
Total PAH	Total PAH	23800		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3200	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3000	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1400		84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2900		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	1400		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		85.6	130	170	ug/Kg
86-73-7	Fluorene	1400		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1500		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1400		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		85	130	170	ug/Kg
1912-24-9	Atrazine	1100		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	PB164789BS	SDG No.:	BF111524
Lab Sample ID:	PB164789BS	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
BF140393.D	1	11/8/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2700	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1500		84	130	170	ug/Kg
120-12-7	Anthracene	1500		84.4	130	170	ug/Kg
86-74-8	Carbazole	1500		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1400		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.7	130	170	ug/Kg
92-87-5	Benzidine	580		160	270	330	ug/Kg
129-00-0	Pyrene	1500		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.7	130	170	ug/Kg
218-01-9	Chrysene	1500		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1100		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	123.029		18-112		82	SPK: -150
13127-88-3	Phenol-d6	117.428		15-107		78	SPK: -150
4165-60-0	Nitrobenzene-d5	84.791		18-107		85	SPK: -100
321-60-8	2-Fluorobiphenyl	83.665		20-109		84	SPK: -100

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	PB164789BS	SDG No.:	BF111524
Lab Sample ID:	PB164789BS	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
BF140393.D	1	11/8/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.404		10-116		87	SPK: -150
1718-51-0	Terphenyl-d14	92.258		10-105		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	137404	6.875				
1146-65-2	Naphthalene-d8	514072	8.157				
15067-26-2	Acenaphthene-d10	287836	9.916				
1517-22-2	Phenanthrene-d10	536724	11.404				
1719-03-5	Chrysene-d12	317210	14.074				
1520-96-3	Perylene-d12	291377	15.598				

Report of Analysis

Client:		Date Collected:	11/10/2024 12:00:00 AM
Project:		Date Received:	11/10/2024 12:00:00 AM
Client Sample ID:	PB164886BS	SDG No.:	BF111524
Lab Sample ID:	PB164886BS	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
BF140394.D	1	11/10/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	42.9		1	8	10	ug/L
110-86-1	Pyridine	38.1		1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	39.6		1.6	4	5	ug/L
108-95-2	Phenol	40.9		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.2		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	44.2		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	42.2		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	41		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	41.2		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	43.7		1.6	8	10	ug/L
95-48-7	2-Methylphenol	42.1		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41		1.4	4	5	ug/L
98-86-2	Acetophenone	41.8		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	42.5		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	41.1		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	42		1	4	5	ug/L
98-95-3	Nitrobenzene	40.3		1.3	4	5	ug/L
78-59-1	Isophorone	41.5		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	43.7		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	50.9		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	40.8		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	42.7		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	40		1.1	4	5	ug/L
65-85-0	Benzoic acid	43.2		5.5	8	10	ug/L
91-20-3	Naphthalene	41.2		1	4	5	ug/L
106-47-8	4-Chloroaniline	31.3		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	40.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	11/10/2024 12:00:00 AM
Project:		Date Received:	11/10/2024 12:00:00 AM
Client Sample ID:	PB164886BS	SDG No.:	BF111524
Lab Sample ID:	PB164886BS	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
BF140394.D	1	11/10/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	44.2		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	42.7		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	41.5		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	43		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	42.3		1	4	5	ug/L
92-52-4	1,1-Biphenyl	41.2		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	41		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	44.4		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	42.8		0.93	4	5	ug/L
208-96-8	Acenaphthylene	45		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	41.5		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	33		1.4	4	5	ug/L
83-32-9	Acenaphthene	48.4		0.81	4	5	ug/L
Total PAH	Total PAH	709.3		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	96.7	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	89.1	E	2	8	10	ug/L
132-64-9	Dibenzofuran	43.3		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	44.1		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	85.6		2.7	4	10	ug/L
84-66-2	Diethylphthalate	42.3		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	41.5		0.98	4	5	ug/L
86-73-7	Fluorene	42.1		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	43.7		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	49		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	43.7		0.89	4	5	ug/L
103-33-3	Azobenzene	42.1		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	42.1		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	42.3		1.1	4	5	ug/L
1912-24-9	Atrazine	35.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	11/10/2024 12:00:00 AM
Project:		Date Received:	11/10/2024 12:00:00 AM
Client Sample ID:	PB164886BS	SDG No.:	BF111524
Lab Sample ID:	PB164886BS	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
BF140394.D	1	11/10/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	83.4	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	43.7		0.89	4	5	ug/L
120-12-7	Anthracene	45.3		1.1	4	5	ug/L
86-74-8	Carbazole	43		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	41.4		1.5	4	5	ug/L
206-44-0	Fluoranthene	42		1.3	4	5	ug/L
92-87-5	Benzidine	18.5		4.1	8	10	ug/L
129-00-0	Pyrene	46.1		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	46.2		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	38.3		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	45.8		0.94	4	5	ug/L
218-01-9	Chrysene	45		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	44.4		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	43.7		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	38.5		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	46.7		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	46.7		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	46		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	45.3		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	41.5		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.9		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	36.8		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	46.8		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	39		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	123.211		10-139		82	SPK: -150
13127-88-3	Phenol-d6	117.661		10-134		78	SPK: -150
4165-60-0	Nitrobenzene-d5	84.125		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	82.197		52-132		82	SPK: -100

Report of Analysis

Client:		Date Collected:	11/10/2024 12:00:00 AM
Project:		Date Received:	11/10/2024 12:00:00 AM
Client Sample ID:	PB164886BS	SDG No.:	BF111524
Lab Sample ID:	PB164886BS	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
BF140394.D	1	11/10/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.366		44-137		87	SPK: -150
1718-51-0	Terphenyl-d14	93.205		48-125		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	150149	6.875				
1146-65-2	Naphthalene-d8	576878	8.157				
15067-26-2	Acenaphthene-d10	316651	9.916				
1517-22-2	Phenanthrene-d10	599000	11.404				
1719-03-5	Chrysene-d12	344150	14.068				
1520-96-3	Perylene-d12	315700	15.58				

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	WC-TA2-02-C	SDG No.:	BF111524
Lab Sample ID:	P4799-03	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
BF140395.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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	320		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:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	WC-TA2-02-C	SDG No.:	BF111524
Lab Sample ID:	P4799-03	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
BF140395.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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	66.3		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	130		8.1	40	50	ug/L
Total PAH	Total PAH	598.5	J	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	57.9		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:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	WC-TA2-02-C	SDG No.:	BF111524
Lab Sample ID:	P4799-03	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
BF140395.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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	90.6		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	75.5	J	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	110		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	127.245		10-139		85	SPK: -150
13127-88-3	Phenol-d6	121.819		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	85.436		49-133		85	SPK: -100
321-60-8	2-Fluorobiphenyl	84.79		52-132		85	SPK: -100

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	WC-TA2-02-C	SDG No.:	BF111524
Lab Sample ID:	P4799-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140395.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	141.134		44-137		94	SPK: -150
1718-51-0	Terphenyl-d14	98.7		48-125		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126128	6.875				
1146-65-2	Naphthalene-d8	478686	8.157				
15067-26-2	Acenaphthene-d10	258727	9.91				
1517-22-2	Phenanthrene-d10	489102	11.398				
1719-03-5	Chrysene-d12	278626	14.062				
1520-96-3	Perylene-d12	287340	15.586				

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	WC-TA2-02-CMS	SDG No.:	BF111524
Lab Sample ID:	P4799-03MS	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
BF140396.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	390		10.3	80	100	ug/L
110-86-1	Pyridine	260		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	190		16	40	50	ug/L
108-95-2	Phenol	420		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	400		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	440		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	340		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	320		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	320		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	460		16	80	100	ug/L
95-48-7	2-Methylphenol	440		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	370		13.5	40	50	ug/L
98-86-2	Acetophenone	430		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	470		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	410		14.8	25	25	ug/L
67-72-1	Hexachloroethane	310		10.1	40	50	ug/L
98-95-3	Nitrobenzene	400		12.7	40	50	ug/L
78-59-1	Isophorone	440		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	450		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	560		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	430		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	470		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	380		11	40	50	ug/L
65-85-0	Benzoic acid	500		54.7	80	100	ug/L
91-20-3	Naphthalene	580		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	140		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	370		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	WC-TA2-02-CMS	SDG No.:	BF111524
Lab Sample ID:	P4799-03MS	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
BF140396.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	440		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	480		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	480		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1300	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	500		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	490		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	460		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	440		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	500		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	480		9.3	40	50	ug/L
208-96-8	Acenaphthylene	500		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	460		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	270		13.7	40	50	ug/L
83-32-9	Acenaphthene	570		8.1	40	50	ug/L
Total PAH	Total PAH	7830		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	750		64.2	80	100	ug/L
100-02-7	4-Nitrophenol	960	E	20	80	100	ug/L
132-64-9	Dibenzofuran	490		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	940		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	480		15.2	40	50	ug/L
84-66-2	Diethylphthalate	460		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	460		9.8	40	50	ug/L
86-73-7	Fluorene	500		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	440		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	420		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	500		8.9	40	50	ug/L
103-33-3	Azobenzene	460		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	480		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	480		11.4	40	50	ug/L
1912-24-9	Atrazine	510		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	WC-TA2-02-CMS	SDG No.:	BF111524
Lab Sample ID:	P4799-03MS	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
BF140396.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	950	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	540		8.9	40	50	ug/L
120-12-7	Anthracene	520		10.7	40	50	ug/L
86-74-8	Carbazole	480		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	470		14.7	40	50	ug/L
206-44-0	Fluoranthene	440		12.9	40	50	ug/L
92-87-5	Benzidine	95.7	J	40.7	80	100	ug/L
129-00-0	Pyrene	520		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	520		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	410		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	500		9.4	40	50	ug/L
218-01-9	Chrysene	500		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	510		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	550		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	430		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	510		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	520		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	420		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	430		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	350		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	440		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	330		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	510		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	470		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	123.788		10-139		83	SPK: -150
13127-88-3	Phenol-d6	122.209		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	88.205		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	87.908		52-132		88	SPK: -100

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	WC-TA2-02-CMS	SDG No.:	BF111524
Lab Sample ID:	P4799-03MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140396.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	135.814		44-137		91	SPK: -150
1718-51-0	Terphenyl-d14	101.986		48-125		102	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	128310	6.875				
1146-65-2	Naphthalene-d8	473415	8.157				
15067-26-2	Acenaphthene-d10	258557	9.916				
1517-22-2	Phenanthrene-d10	469954	11.404				
1719-03-5	Chrysene-d12	243203	14.057				
1520-96-3	Perylene-d12	274861	15.562				

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	WC-TA2-02-CMSD	SDG No.:	BF111524
Lab Sample ID:	P4799-03MSD	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
BF140397.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	400		10.3	80	100	ug/L
110-86-1	Pyridine	260		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	200		16	40	50	ug/L
108-95-2	Phenol	430		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	410		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	450		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	350		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	330		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	340		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	460		16	80	100	ug/L
95-48-7	2-Methylphenol	450		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	380		13.5	40	50	ug/L
98-86-2	Acetophenone	430		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	480		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	430		14.8	25	25	ug/L
67-72-1	Hexachloroethane	320		10.1	40	50	ug/L
98-95-3	Nitrobenzene	400		12.7	40	50	ug/L
78-59-1	Isophorone	440		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	440		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	550		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	430		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	470		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	380		11	40	50	ug/L
65-85-0	Benzoic acid	510		54.7	80	100	ug/L
91-20-3	Naphthalene	580		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	130		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	360		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	WC-TA2-02-CMSD	SDG No.:	BF111524
Lab Sample ID:	P4799-03MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140397.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	450		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	490		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	470		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1300	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	490		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	480		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	460		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	450		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	500		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	490		9.3	40	50	ug/L
208-96-8	Acenaphthylene	500		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	470		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	270		13.7	40	50	ug/L
83-32-9	Acenaphthene	580		8.1	40	50	ug/L
Total PAH	Total PAH	7820		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	770		64.2	80	100	ug/L
100-02-7	4-Nitrophenol	970	E	20	80	100	ug/L
132-64-9	Dibenzofuran	480		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	960		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	490		15.2	40	50	ug/L
84-66-2	Diethylphthalate	480		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	460		9.8	40	50	ug/L
86-73-7	Fluorene	500		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	460		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	420		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	490		8.9	40	50	ug/L
103-33-3	Azobenzene	470		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	470		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	470		11.4	40	50	ug/L
1912-24-9	Atrazine	510		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	WC-TA2-02-CMSD	SDG No.:	BF111524
Lab Sample ID:	P4799-03MSD	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
BF140397.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	940	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	530		8.9	40	50	ug/L
120-12-7	Anthracene	510		10.7	40	50	ug/L
86-74-8	Carbazole	470		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	470		14.7	40	50	ug/L
206-44-0	Fluoranthene	430		12.9	40	50	ug/L
92-87-5	Benzidine	74.2	J	40.7	80	100	ug/L
129-00-0	Pyrene	510		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	520		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	410		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	510		9.4	40	50	ug/L
218-01-9	Chrysene	480		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	500		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	550		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	450		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	500		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	530		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	430		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	430		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	350		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	440		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	340		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	510		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	470		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	126.768		10-139		85	SPK: -150
13127-88-3	Phenol-d6	126.089		10-134		84	SPK: -150
4165-60-0	Nitrobenzene-d5	88.315		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	87.745		52-132		88	SPK: -100

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	WC-TA2-02-CMSD	SDG No.:	BF111524
Lab Sample ID:	P4799-03MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140397.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	139.185		44-137		93	SPK: -150
1718-51-0	Terphenyl-d14	100.232		48-125		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	124830	6.875				
1146-65-2	Naphthalene-d8	475981	8.157				
15067-26-2	Acenaphthene-d10	260069	9.916				
1517-22-2	Phenanthrene-d10	490438	11.404				
1719-03-5	Chrysene-d12	255642	14.057				
1520-96-3	Perylene-d12	281681	15.568				

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	WC-TA2-03-C	SDG No.:	BF111524
Lab Sample ID:	P4799-07	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
BF140398.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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	60.5		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:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	WC-TA2-03-C	SDG No.:	BF111524
Lab Sample ID:	P4799-07	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
BF140398.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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	20.3	J	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	37.3	J	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	20.3	J	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:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	WC-TA2-03-C	SDG No.:	BF111524
Lab Sample ID:	P4799-07	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
BF140398.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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	40.4	J	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	32.9	J	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	127.945		10-139		85	SPK: -150
13127-88-3	Phenol-d6	122.48		10-134		82	SPK: -150
4165-60-0	Nitrobenzene-d5	88.546		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	89.385		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	WC-TA2-03-C	SDG No.:	BF111524
Lab Sample ID:	P4799-07	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140398.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	139.984		44-137		93	SPK: -150
1718-51-0	Terphenyl-d14	101.597		48-125		102	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117399	6.875				
1146-65-2	Naphthalene-d8	435226	8.157				
15067-26-2	Acenaphthene-d10	234558	9.91				
1517-22-2	Phenanthrene-d10	431505	11.398				
1719-03-5	Chrysene-d12	249173	14.051				
1520-96-3	Perylene-d12	204971	15.557				

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	WC-TA1-01-C	SDG No.:	BF111524
Lab Sample ID:	P4799-11	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
BF140399.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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	880	E	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:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	WC-TA1-01-C	SDG No.:	BF111524
Lab Sample ID:	P4799-11	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
BF140399.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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	190		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	59.3		8.1	40	50	ug/L
Total PAH	Total PAH	1009.4		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	30	J	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:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	WC-TA1-01-C	SDG No.:	BF111524
Lab Sample ID:	P4799-11	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
BF140399.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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	40.1	J	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	220		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	117.082		10-139		78	SPK: -150
13127-88-3	Phenol-d6	108.351		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	86.705		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	87.429		52-132		87	SPK: -100

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	WC-TA1-01-C	SDG No.:	BF111524
Lab Sample ID:	P4799-11	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140399.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.613		44-137		89	SPK: -150
1718-51-0	Terphenyl-d14	100.215		48-125		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127141	6.875				
1146-65-2	Naphthalene-d8	473766	8.157				
15067-26-2	Acenaphthene-d10	259206	9.91				
1517-22-2	Phenanthrene-d10	478884	11.398				
1719-03-5	Chrysene-d12	265821	14.051				
1520-96-3	Perylene-d12	271820	15.563				

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	WC-TA1-02-C	SDG No.:	BF111524
Lab Sample ID:	P4799-15	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
BF140400.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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	1000	E	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:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	WC-TA1-02-C	SDG No.:	BF111524
Lab Sample ID:	P4799-15	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
BF140400.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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	190		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	81.5		8.1	40	50	ug/L
Total PAH	Total PAH	1175.6		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	40.8	J	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:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	WC-TA1-02-C	SDG No.:	BF111524
Lab Sample ID:	P4799-15	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
BF140400.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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	53.3		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	250		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	121.274		10-139		81	SPK: -150
13127-88-3	Phenol-d6	111.487		10-134		74	SPK: -150
4165-60-0	Nitrobenzene-d5	90.784		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	91.422		52-132		91	SPK: -100

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	WC-TA1-02-C	SDG No.:	BF111524
Lab Sample ID:	P4799-15	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140400.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.797		44-137		89	SPK: -150
1718-51-0	Terphenyl-d14	100.479		48-125		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127725	6.875				
1146-65-2	Naphthalene-d8	475585	8.157				
15067-26-2	Acenaphthene-d10	257897	9.91				
1517-22-2	Phenanthrene-d10	475367	11.398				
1719-03-5	Chrysene-d12	266960	14.057				
1520-96-3	Perylene-d12	271374	15.574				

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	WC-TA1-03-C	SDG No.:	BF111524
Lab Sample ID:	P4799-19	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
BF140401.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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	980	E	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:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	WC-TA1-03-C	SDG No.:	BF111524
Lab Sample ID:	P4799-19	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
BF140401.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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	200		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	83.7		8.1	40	50	ug/L
Total PAH	Total PAH	1168.5		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	45.5	J	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:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	WC-TA1-03-C	SDG No.:	BF111524
Lab Sample ID:	P4799-19	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
BF140401.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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	59.3		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	260		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	115.757		10-139		77	SPK: -150
13127-88-3	Phenol-d6	110.314		10-134		74	SPK: -150
4165-60-0	Nitrobenzene-d5	88.838		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	88.692		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	WC-TA1-03-C	SDG No.:	BF111524
Lab Sample ID:	P4799-19	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140401.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.562		44-137		88	SPK: -150
1718-51-0	Terphenyl-d14	100.301		48-125		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	128785	6.875				
1146-65-2	Naphthalene-d8	471629	8.157				
15067-26-2	Acenaphthene-d10	256063	9.91				
1517-22-2	Phenanthrene-d10	474276	11.398				
1719-03-5	Chrysene-d12	262792	14.057				
1520-96-3	Perylene-d12	270502	15.58				

Report of Analysis

Client:				Date Collected:	11/9/2024 12:00:00 AM		
Project:				Date Received:	11/9/2024 12:00:00 AM		
Client Sample ID:	TP-7			SDG No.:	BF111524		
Lab Sample ID:	P4807-04			Matrix:	water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000	uL	
Soil Aliquot Vol:	uL			Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140402.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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:	11/9/2024 12:00:00 AM
Project:		Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	TP-7	SDG No.:	BF111524
Lab Sample ID:	P4807-04	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
BF140402.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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:	11/9/2024 12:00:00 AM
Project:		Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	TP-7	SDG No.:	BF111524
Lab Sample ID:	P4807-04	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
BF140402.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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	123.856		10-139		83	SPK: -150
13127-88-3	Phenol-d6	120.082		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	86.265		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	87.948		52-132		88	SPK: -100

Report of Analysis

Client:		Date Collected:	11/9/2024 12:00:00 AM
Project:		Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	TP-7	SDG No.:	BF111524
Lab Sample ID:	P4807-04	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
BF140402.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.631		44-137		87	SPK: -150
1718-51-0	Terphenyl-d14	90.336		48-125		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	133072	6.875				
1146-65-2	Naphthalene-d8	498664	8.151				
15067-26-2	Acenaphthene-d10	269319	9.91				
1517-22-2	Phenanthrene-d10	498263	11.398				
1719-03-5	Chrysene-d12	271161	14.057				
1520-96-3	Perylene-d12	273852	15.568				

Report of Analysis

Client:				Date Collected:	11/9/2024 12:00:00 AM		
Project:				Date Received:	11/9/2024 12:00:00 AM		
Client Sample ID:	BF-F14			SDG No.:	BF111524		
Lab Sample ID:	P4807-08			Matrix:	water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000	uL	
Soil Aliquot Vol:				Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140403.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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:	11/9/2024 12:00:00 AM
Project:		Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	BF-F14	SDG No.:	BF111524
Lab Sample ID:	P4807-08	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
BF140403.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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:	11/9/2024 12:00:00 AM
Project:		Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	BF-F14	SDG No.:	BF111524
Lab Sample ID:	P4807-08	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
BF140403.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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	129.276		10-139		86	SPK: -150
13127-88-3	Phenol-d6	121.637		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	90.942		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	89.095		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	11/9/2024 12:00:00 AM
Project:		Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	BF-F14	SDG No.:	BF111524
Lab Sample ID:	P4807-08	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
BF140403.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	136.578		44-137		91	SPK: -150
1718-51-0	Terphenyl-d14	101.877		48-125		102	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125900	6.875				
1146-65-2	Naphthalene-d8	470836	8.151				
15067-26-2	Acenaphthene-d10	258852	9.91				
1517-22-2	Phenanthrene-d10	480380	11.398				
1719-03-5	Chrysene-d12	259670	14.063				
1520-96-3	Perylene-d12	259498	15.586				

Report of Analysis

Client:		Date Collected:	11/9/2024 12:00:00 AM
Project:		Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	BF-F13	SDG No.:	BF111524
Lab Sample ID:	P4807-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140404.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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:	11/9/2024 12:00:00 AM
Project:		Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	BF-F13	SDG No.:	BF111524
Lab Sample ID:	P4807-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140404.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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:	11/9/2024 12:00:00 AM
Project:		Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	BF-F13	SDG No.:	BF111524
Lab Sample ID:	P4807-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140404.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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	130.858		10-139		87	SPK: -150
13127-88-3	Phenol-d6	123.843		10-134		83	SPK: -150
4165-60-0	Nitrobenzene-d5	92.771		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	91.243		52-132		91	SPK: -100

Report of Analysis

Client:		Date Collected:	11/9/2024 12:00:00 AM
Project:		Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	BF-F13	SDG No.:	BF111524
Lab Sample ID:	P4807-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140404.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	139.917		44-137		93	SPK: -150
1718-51-0	Terphenyl-d14	97.077		48-125		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118192	6.875				
1146-65-2	Naphthalene-d8	439775	8.151				
15067-26-2	Acenaphthene-d10	235073	9.91				
1517-22-2	Phenanthrene-d10	442600	11.398				
1719-03-5	Chrysene-d12	265852	14.063				
1520-96-3	Perylene-d12	260966	15.592				

Report of Analysis

Client:				Date Collected:	11/9/2024 12:00:00 AM		
Project:				Date Received:	11/9/2024 12:00:00 AM		
Client Sample ID:	TP-6			SDG No.:	BF111524		
Lab Sample ID:	P4807-16			Matrix:	water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000	uL	
Soil Aliquot Vol:				Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140405.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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:	11/9/2024 12:00:00 AM
Project:		Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	TP-6	SDG No.:	BF111524
Lab Sample ID:	P4807-16	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140405.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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:	11/9/2024 12:00:00 AM
Project:		Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	TP-6	SDG No.:	BF111524
Lab Sample ID:	P4807-16	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
BF140405.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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	124.883		10-139		83	SPK: -150
13127-88-3	Phenol-d6	116.445		10-134		78	SPK: -150
4165-60-0	Nitrobenzene-d5	88.72		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	90.69		52-132		91	SPK: -100

Report of Analysis

Client:		Date Collected:	11/9/2024 12:00:00 AM
Project:		Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	TP-6	SDG No.:	BF111524
Lab Sample ID:	P4807-16	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140405.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	134.62		44-137		90	SPK: -150
1718-51-0	Terphenyl-d14	99.252		48-125		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	130660	6.875				
1146-65-2	Naphthalene-d8	484036	8.151				
15067-26-2	Acenaphthene-d10	266243	9.91				
1517-22-2	Phenanthrene-d10	489759	11.398				
1719-03-5	Chrysene-d12	272466	14.051				
1520-96-3	Perylene-d12	274318	15.568				

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	MH-5	SDG No.:	BF111524
Lab Sample ID:	P4809-04	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
BF140406.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	MH-5	SDG No.:	BF111524
Lab Sample ID:	P4809-04	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
BF140406.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	MH-5	SDG No.:	BF111524
Lab Sample ID:	P4809-04	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
BF140406.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

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	126.324		10-139		84	SPK: -150
13127-88-3	Phenol-d6	120.468		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	89.65		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	88.356		52-132		88	SPK: -100

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	MH-5	SDG No.:	BF111524
Lab Sample ID:	P4809-04	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
BF140406.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	134.902		44-137		90	SPK: -150
1718-51-0	Terphenyl-d14	101.292		48-125		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	130831	6.875				
1146-65-2	Naphthalene-d8	492550	8.151				
15067-26-2	Acenaphthene-d10	266760	9.91				
1517-22-2	Phenanthrene-d10	485244	11.398				
1719-03-5	Chrysene-d12	267305	14.051				
1520-96-3	Perylene-d12	269169	15.551				

Report of Analysis

Client:		Date Collected:	11/9/2024 12:00:00 AM
Project:		Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	TP-6	SDG No.:	BF111524
Lab Sample ID:	P4807-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
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
BF140407.D	1	11/12/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164908

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	86.7	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64.6	U	64.6	86.7	110	ug/Kg
108-95-2	Phenol	55.3	U	55.3	86.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.8	U	55.8	86.7	110	ug/Kg
95-57-8	2-Chlorophenol	55.7	U	55.7	86.7	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.4	U	56.4	86.7	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.3	U	57.3	86.7	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.7	U	57.7	86.7	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	86.7	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60.6	U	60.6	86.7	110	ug/Kg
98-86-2	Acetophenone	57.9	U	57.9	86.7	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	86.7	110	ug/Kg
98-95-3	Nitrobenzene	60.5	U	60.5	86.7	110	ug/Kg
78-59-1	Isophorone	56.4	U	56.4	86.7	110	ug/Kg
88-75-5	2-Nitrophenol	63	U	63	86.7	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.1	U	62.1	86.7	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.2	U	57.2	86.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.3	U	50.3	86.7	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.9	U	56.9	86.7	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.1	U	55.1	86.7	110	ug/Kg
106-47-8	4-Chloroaniline	55.1	U	55.1	86.7	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.5	U	55.5	86.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/9/2024 12:00:00 AM
Project:		Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	TP-6	SDG No.:	BF111524
Lab Sample ID:	P4807-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
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
BF140407.D	1	11/12/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164908

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	86.7	110	ug/Kg
91-57-6	2-Methylnaphthalene	55	U	55	86.7	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	86.7	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.3	U	49.3	86.7	110	ug/Kg
92-52-4	1,1-Biphenyl	58.3	U	58.3	86.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.5	U	55.5	86.7	110	ug/Kg
88-74-4	2-Nitroaniline	63.3	U	63.3	86.7	110	ug/Kg
131-11-3	Dimethylphthalate	54.5	U	54.5	86.7	110	ug/Kg
208-96-8	Acenaphthylene	57.7	U	57.7	86.7	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.5	U	55.5	86.7	110	ug/Kg
99-09-2	3-Nitroaniline	59.5	U	59.5	86.7	110	ug/Kg
83-32-9	Acenaphthene	54.1	U	54.1	86.7	110	ug/Kg
Total PAH	Total PAH	883.6	U	883.6	86.7	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	86.7	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.5	U	57.5	86.7	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	113	U	113	86.7	220	ug/Kg
84-66-2	Diethylphthalate	53.4	U	53.4	86.7	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.1	U	57.1	86.7	110	ug/Kg
86-73-7	Fluorene	57	U	57	86.7	110	ug/Kg
100-01-6	4-Nitroaniline	71.3	U	71.3	86.7	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	86.7	110	ug/Kg
103-33-3	Azobenzene	53.1	U	53.1	86.7	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.6	U	52.6	86.7	110	ug/Kg
118-74-1	Hexachlorobenzene	56.7	U	56.7	86.7	110	ug/Kg
1912-24-9	Atrazine	60.9	U	60.9	86.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/9/2024 12:00:00 AM
Project:		Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	TP-6	SDG No.:	BF111524
Lab Sample ID:	P4807-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
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
BF140407.D	1	11/12/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164908

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	86.7	110	ug/Kg
120-12-7	Anthracene	56.3	U	56.3	86.7	110	ug/Kg
86-74-8	Carbazole	53.5	U	53.5	86.7	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.2	U	56.2	86.7	110	ug/Kg
206-44-0	Fluoranthene	54.5	U	54.5	86.7	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.3	U	55.3	86.7	110	ug/Kg
85-68-7	Butylbenzylphthalate	64.5	U	64.5	86.7	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.7	U	65.7	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.8	U	53.8	86.7	110	ug/Kg
218-01-9	Chrysene	53	U	53	86.7	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60.7	U	60.7	86.7	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	54.1	U	54.1	86.7	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.1	U	55.1	86.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	62	U	62	86.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.1	U	52.1	86.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.1	U	54.1	86.7	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.4	U	53.4	86.7	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.9	U	57.9	86.7	110	ug/Kg
123-91-1	1,4-Dioxane	73.3	U	73.3	86.7	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.8	U	49.8	86.7	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.5	U	55.5	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.551		18-112		57	SPK: -150
13127-88-3	Phenol-d6	86.993		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	59.255		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	62.615		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	11/9/2024 12:00:00 AM
Project:		Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	TP-6	SDG No.:	BF111524
Lab Sample ID:	P4807-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
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
BF140407.D	1	11/12/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	82.252		10-116		55	SPK: -150
1718-51-0	Terphenyl-d14	63.461		10-105		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122929	6.875				
1146-65-2	Naphthalene-d8	464126	8.151				
15067-26-2	Acenaphthene-d10	253140	9.91				
1517-22-2	Phenanthrene-d10	470612	11.398				
1719-03-5	Chrysene-d12	255758	14.057				
1520-96-3	Perylene-d12	269300	15.574				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	890	J			2.152	
000119-61-9	Benzophenone	85.3	J			10.622	
000057-10-3	n-Hexadecanoic acid	86.2	J			11.922	
000661-19-8	Behenic alcohol	76.4	J			13.916	
000112-84-5	13-Docosenamide, (Z)-	240	J			14.839	

Report of Analysis

Client:		Date Collected:	11/9/2024 12:00:00 AM
Project:		Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	BF-F13	SDG No.:	BF111524
Lab Sample ID:	P4807-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
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
BF140408.D	1	11/12/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.3	U	58.3	180	220	ug/Kg
110-86-1	Pyridine	53.6	U	53.6	87.3	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.1	U	65.1	87.3	110	ug/Kg
108-95-2	Phenol	55.7	U	55.7	87.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.2	U	56.2	87.3	110	ug/Kg
95-57-8	2-Chlorophenol	56.1	U	56.1	87.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.8	U	56.8	87.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.7	U	57.7	87.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.1	U	58.1	87.3	110	ug/Kg
100-51-6	Benzyl Alcohol	55.7	U	55.7	180	220	ug/Kg
95-48-7	2-Methylphenol	54.1	U	54.1	87.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61	U	61	87.3	110	ug/Kg
98-86-2	Acetophenone	58.3	U	58.3	87.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.6	U	53.6	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.1	U	27.1	53.7	53.7	ug/Kg
67-72-1	Hexachloroethane	55.7	U	55.7	87.3	110	ug/Kg
98-95-3	Nitrobenzene	61	U	61	87.3	110	ug/Kg
78-59-1	Isophorone	56.8	U	56.8	87.3	110	ug/Kg
88-75-5	2-Nitrophenol	63.4	U	63.4	87.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.6	U	62.6	87.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.6	U	57.6	87.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.7	U	50.7	87.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.3	U	57.3	87.3	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.5	U	55.5	87.3	110	ug/Kg
106-47-8	4-Chloroaniline	55.5	U	55.5	87.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.9	U	55.9	87.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/9/2024 12:00:00 AM
Project:		Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	BF-F13	SDG No.:	BF111524
Lab Sample ID:	P4807-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
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
BF140408.D	1	11/12/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.3	U	58.3	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	87.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.4	U	55.4	87.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.9	U	47.9	87.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.7	U	49.7	87.3	110	ug/Kg
92-52-4	1,1-Biphenyl	58.7	U	58.7	87.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.9	U	55.9	87.3	110	ug/Kg
88-74-4	2-Nitroaniline	63.8	U	63.8	87.3	110	ug/Kg
131-11-3	Dimethylphthalate	54.8	U	54.8	87.3	110	ug/Kg
208-96-8	Acenaphthylene	58.1	U	58.1	87.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.9	U	55.9	87.3	110	ug/Kg
99-09-2	3-Nitroaniline	59.9	U	59.9	87.3	110	ug/Kg
83-32-9	Acenaphthene	54.4	U	54.4	87.3	110	ug/Kg
Total PAH	Total PAH	889.6	U	889.6	87.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.9	U	77.9	180	220	ug/Kg
132-64-9	Dibenzofuran	56.7	U	56.7	87.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	13.8	U	113.8	87.3	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.9	U	57.9	87.3	110	ug/Kg
84-66-2	Diethylphthalate	53.8	U	53.8	87.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.5	U	57.5	87.3	110	ug/Kg
86-73-7	Fluorene	57.4	U	57.4	87.3	110	ug/Kg
100-01-6	4-Nitroaniline	71.8	U	71.8	87.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.5	U	78.5	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.8	U	54.8	87.3	110	ug/Kg
103-33-3	Azobenzene	53.4	U	53.4	87.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	87.3	110	ug/Kg
118-74-1	Hexachlorobenzene	57.1	U	57.1	87.3	110	ug/Kg
1912-24-9	Atrazine	61.4	U	61.4	87.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/9/2024 12:00:00 AM
Project:		Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	BF-F13	SDG No.:	BF111524
Lab Sample ID:	P4807-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
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
BF140408.D	1	11/12/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.9	U	51.9	180	220	ug/Kg
85-01-8	Phenanthrene	56.4	U	56.4	87.3	110	ug/Kg
120-12-7	Anthracene	56.7	U	56.7	87.3	110	ug/Kg
86-74-8	Carbazole	53.9	U	53.9	87.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.6	U	56.6	87.3	110	ug/Kg
206-44-0	Fluoranthene	54.8	U	54.8	87.3	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.7	U	55.7	87.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	65	U	65	87.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.2	U	66.2	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.2	U	54.2	87.3	110	ug/Kg
218-01-9	Chrysene	53.4	U	53.4	87.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.1	U	61.1	87.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	73.8	U	73.8	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.4	U	54.4	87.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.5	U	55.5	87.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.4	U	62.4	87.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.4	U	52.4	87.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.5	U	54.5	87.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.8	U	53.8	87.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.3	U	58.3	87.3	110	ug/Kg
123-91-1	1,4-Dioxane	73.8	U	73.8	87.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.2	U	50.2	87.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.9	U	55.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	76.217		18-112		51	SPK: -150
13127-88-3	Phenol-d6	78.209		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	50.053		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	55.458		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	11/9/2024 12:00:00 AM
Project:		Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	BF-F13	SDG No.:	BF111524
Lab Sample ID:	P4807-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
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
BF140408.D	1	11/12/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	73.811		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	55.813		10-105		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	132804	6.875				
1146-65-2	Naphthalene-d8	491622	8.151				
15067-26-2	Acenaphthene-d10	262899	9.91				
1517-22-2	Phenanthrene-d10	482531	11.398				
1719-03-5	Chrysene-d12	256405	14.057				
1520-96-3	Perylene-d12	276829	15.574				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	720	J			2.157	
	unknown7.510	45	J			7.51	
000119-61-9	Benzophenone	70.3	J			10.622	
000057-10-3	n-Hexadecanoic acid	88.8	J			11.922	
1000282-98-2	Dichloroacetic acid, heptadecyl es	71.4	J			13.91	
000112-84-5	13-Docosenamide, (Z)-	390	J			14.839	

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	T3-STONE	SDG No.:	BF111524
Lab Sample ID:	P4836-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF140409.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164965

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	50.1	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)	54.5	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	24.1	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	51.2	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:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	T3-STONE	SDG No.:	BF111524
Lab Sample ID:	P4836-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF140409.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164965

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	93.5	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	44.3	U	44.3	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	56.9	U	56.9	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	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	49.9	U	49.9	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	794	U	794	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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.5	U	101.5	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	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	T3-STONE	SDG No.:	BF111524
Lab Sample ID:	P4836-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF140409.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164965

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	50.6	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	49.7	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	48.4	U	48.4	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	370		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	48.7	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	87.086		18-112		58	SPK: -150
13127-88-3	Phenol-d6	83.464		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	58.526		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	77.986		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	T3-STONE	SDG No.:	BF111524
Lab Sample ID:	P4836-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF140409.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164965

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	79.77		10-116		53	SPK: -150
1718-51-0	Terphenyl-d14	51.675		10-105		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125191	6.875				
1146-65-2	Naphthalene-d8	443932	8.151				
15067-26-2	Acenaphthene-d10	175809	9.91				
1517-22-2	Phenanthrene-d10	200568	11.428				
1719-03-5	Chrysene-d12	196853	14.086				
1520-96-3	Perylene-d12	171131	15.568				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	710	J			2.134	
	unknown9.822	400	J			9.822	

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	345-2-STONE	SDG No.:	BF111524
Lab Sample ID:	P4835-03	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
BF140410.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164965

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:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	345-2-STONE	SDG No.:	BF111524
Lab Sample ID:	P4835-03	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
BF140410.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164965

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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	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	51.3	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:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	345-2-STONE	SDG No.:	BF111524
Lab Sample ID:	P4835-03	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
BF140410.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164965

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	80.123		18-112		53	SPK: -150
13127-88-3	Phenol-d6	78.831		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	56.781		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	64.598		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	345-2-STONE	SDG No.:	BF111524
Lab Sample ID:	P4835-03	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
BF140410.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164965

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.58		10-116		48	SPK: -150
1718-51-0	Terphenyl-d14	48.463		10-105		48	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	135820	6.875				
1146-65-2	Naphthalene-d8	503744	8.157				
15067-26-2	Acenaphthene-d10	256309	9.91				
1517-22-2	Phenanthrene-d10	326036	11.404				
1719-03-5	Chrysene-d12	251700	14.063				
1520-96-3	Perylene-d12	234692	15.562				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	530	J			2.14	
000104-76-7	1-Hexanol, 2-ethyl-	45.6	J			6.951	
000592-41-6	1-Hexene	50	J			7.292	
1010382-89-7	Phthalic acid, 2-(4-bromophenoxy)e	180	J			18.074	

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	MH-6DL	SDG No.:	BF111524
Lab Sample ID:	P4798-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
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
BF140411.D	2	11/10/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	360	440	ug/Kg
110-86-1	Pyridine	110	U	110	170	230	ug/Kg
100-52-7	Benzaldehyde	240	U	240	360	440	ug/Kg
62-53-3	Aniline	130	U	130	170	230	ug/Kg
108-95-2	Phenol	110	U	110	170	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	170	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	170	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	360	440	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	230	ug/Kg
98-86-2	Acetophenone	120	U	120	170	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	54.1	U	54.1	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	230	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	230	ug/Kg
78-59-1	Isophorone	110	U	110	170	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	170	230	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	170	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	170	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	170	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	230	ug/Kg
65-85-0	Benzoic acid	320	U	320	360	440	ug/Kg
91-20-3	Naphthalene	110	JD	110	170	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	MH-6DL	SDG No.:	BF111524
Lab Sample ID:	P4798-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
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
BF140411.D	2	11/10/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	95.9	U	95.9	170	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	99.4	U	99.4	170	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	230	ug/Kg
208-96-8	Acenaphthylene	120	U	120	170	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	230	ug/Kg
83-32-9	Acenaphthene	150	JD	110	170	230	ug/Kg
Total PAH	Total PAH	10650	D	1770	170	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	360	440	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	360	440	ug/Kg
132-64-9	Dibenzofuran	130	JD	110	170	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	170	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	170	460	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	230	ug/Kg
86-73-7	Fluorene	160	JD	110	170	230	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	230	ug/Kg
103-33-3	Azobenzene	110	U	110	170	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	170	230	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	230	ug/Kg
1912-24-9	Atrazine	120	U	120	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	MH-6DL	SDG No.:	BF111524
Lab Sample ID:	P4798-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
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
BF140411.D	2	11/10/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	360	440	ug/Kg
85-01-8	Phenanthrene	1200	D	110	170	230	ug/Kg
120-12-7	Anthracene	390	D	110	170	230	ug/Kg
86-74-8	Carbazole	110	U	110	170	230	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	230	ug/Kg
206-44-0	Fluoranthene	1800	D	110	170	230	ug/Kg
92-87-5	Benzidine	220	U	220	360	440	ug/Kg
129-00-0	Pyrene	1400	D	110	170	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	1000	D	110	170	230	ug/Kg
218-01-9	Chrysene	880	D	110	170	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200	D	110	170	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	410	D	110	170	230	ug/Kg
50-32-8	Benzo(a)pyrene	930	D	120	170	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	420	D	100	170	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	JD	110	170	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	470	D	110	170	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	170	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	170	230	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.898		18-112		52	SPK: -150
13127-88-3	Phenol-d6	76.888		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	53.144		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	62.472		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	MH-6DL	SDG No.:	BF111524
Lab Sample ID:	P4798-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
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
BF140411.D	2	11/10/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	59.586		10-116		40	SPK: -150
1718-51-0	Terphenyl-d14	50.416		10-105		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	140528	6.875				
1146-65-2	Naphthalene-d8	510006	8.157				
15067-26-2	Acenaphthene-d10	249929	9.91				
1517-22-2	Phenanthrene-d10	369589	11.398				
1719-03-5	Chrysene-d12	246923	14.057				
1520-96-3	Perylene-d12	188005	15.562				

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	STOCK-PILE	SDG No.:	BF111524
Lab Sample ID:	P4825-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.4
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
BF140412.D	10	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164965

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	580	U	580	1800	2200	ug/Kg
110-86-1	Pyridine	530	U	530	870	1100	ug/Kg
100-52-7	Benzaldehyde	1200	U	1200	1800	2200	ug/Kg
62-53-3	Aniline	650	U	650	870	1100	ug/Kg
108-95-2	Phenol	550	U	550	870	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	560	U	560	870	1100	ug/Kg
95-57-8	2-Chlorophenol	560	U	560	870	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	570	U	570	870	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	580	U	580	870	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	580	U	580	870	1100	ug/Kg
100-51-6	Benzyl Alcohol	560	U	560	1800	2200	ug/Kg
95-48-7	2-Methylphenol	540	U	540	870	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	610	U	610	870	1100	ug/Kg
98-86-2	Acetophenone	580	U	580	870	1100	ug/Kg
65794-96-9	3+4-Methylphenols	530	U	530	1800	2200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	270	U	270	540	540	ug/Kg
67-72-1	Hexachloroethane	560	U	560	870	1100	ug/Kg
98-95-3	Nitrobenzene	610	U	610	870	1100	ug/Kg
78-59-1	Isophorone	570	U	570	870	1100	ug/Kg
88-75-5	2-Nitrophenol	630	U	630	870	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	620	U	620	870	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	570	U	570	870	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	510	U	510	870	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	570	U	570	870	1100	ug/Kg
65-85-0	Benzoic acid	1600	U	1600	1800	2200	ug/Kg
91-20-3	Naphthalene	550	U	550	870	1100	ug/Kg
106-47-8	4-Chloroaniline	550	U	550	870	1100	ug/Kg
87-68-3	Hexachlorobutadiene	560	U	560	870	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	STOCK-PILE	SDG No.:	BF111524
Lab Sample ID:	P4825-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.4
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
BF140412.D	10	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164965

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	580	U	580	1800	2200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	520	U	520	870	1100	ug/Kg
91-57-6	2-Methylnaphthalene	550	U	550	870	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000	U	1000	1800	2200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	480	U	480	870	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	500	U	500	870	1100	ug/Kg
92-52-4	1,1-Biphenyl	580	U	580	870	1100	ug/Kg
91-58-7	2-Chloronaphthalene	560	U	560	870	1100	ug/Kg
88-74-4	2-Nitroaniline	640	U	640	870	1100	ug/Kg
131-11-3	Dimethylphthalate	550	U	550	870	1100	ug/Kg
208-96-8	Acenaphthylene	580	U	580	870	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	560	U	560	870	1100	ug/Kg
99-09-2	3-Nitroaniline	600	U	600	870	1100	ug/Kg
83-32-9	Acenaphthene	540	U	540	870	1100	ug/Kg
Total PAH	Total PAH	8850	U	8850	870	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1600	U	1600	1800	2200	ug/Kg
100-02-7	4-Nitrophenol	780	U	780	1800	2200	ug/Kg
132-64-9	Dibenzofuran	560	U	560	870	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	580	U	580	870	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	140	U	1140	870	2200	ug/Kg
84-66-2	Diethylphthalate	540	U	540	870	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	570	U	570	870	1100	ug/Kg
86-73-7	Fluorene	570	U	570	870	1100	ug/Kg
100-01-6	4-Nitroaniline	720	U	720	870	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	780	U	780	1800	2200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	550	U	550	870	1100	ug/Kg
103-33-3	Azobenzene	530	U	530	870	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	530	U	530	870	1100	ug/Kg
118-74-1	Hexachlorobenzene	570	U	570	870	1100	ug/Kg
1912-24-9	Atrazine	610	U	610	870	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	STOCK-PILE	SDG No.:	BF111524
Lab Sample ID:	P4825-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.4
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
BF140412.D	10	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164965

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	520	U	520	1800	2200	ug/Kg
85-01-8	Phenanthrene	820	J	560	870	1100	ug/Kg
120-12-7	Anthracene	560	U	560	870	1100	ug/Kg
86-74-8	Carbazole	540	U	540	870	1100	ug/Kg
84-74-2	Di-n-butylphthalate	560	U	560	870	1100	ug/Kg
206-44-0	Fluoranthene	960	J	550	870	1100	ug/Kg
92-87-5	Benzidine	1100	U	1100	1800	2200	ug/Kg
129-00-0	Pyrene	1500		560	870	1100	ug/Kg
85-68-7	Butylbenzylphthalate	650	U	650	870	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	660	U	660	1800	2200	ug/Kg
56-55-3	Benzo(a)anthracene	810	J	540	870	1100	ug/Kg
218-01-9	Chrysene	850	J	530	870	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	610	U	610	870	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	740	U	740	1800	2200	ug/Kg
205-99-2	Benzo(b)fluoranthene	690	J	540	870	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	550	U	550	870	1100	ug/Kg
50-32-8	Benzo(a)pyrene	730	J	620	870	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	520	U	520	870	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	540	U	540	870	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	540	U	540	870	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	580	U	580	870	1100	ug/Kg
123-91-1	1,4-Dioxane	740	U	740	870	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	500	U	500	870	1100	ug/Kg
90-12-0	1-Methylnaphthalene	560	U	560	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	70.99		18-112		47	SPK: -150
13127-88-3	Phenol-d6	67.9		15-107		45	SPK: -150
4165-60-0	Nitrobenzene-d5	46.28		18-107		46	SPK: -100
321-60-8	2-Fluorobiphenyl	61.75		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	STOCK-PILE	SDG No.:	BF111524
Lab Sample ID:	P4825-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.4
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
BF140412.D	10	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164965

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	52.96		10-116		35	SPK: -150
1718-51-0	Terphenyl-d14	52.67		10-105		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129069	6.875				
1146-65-2	Naphthalene-d8	478102	8.157				
15067-26-2	Acenaphthene-d10	233385	9.91				
1517-22-2	Phenanthrene-d10	356209	11.398				
1719-03-5	Chrysene-d12	239540	14.051				
1520-96-3	Perylene-d12	178673	15.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.122	
007098-21-7	Tritetracontane	490	J			9.622	
000832-69-9	Phenanthrene, 1-methyl-	520	J			11.898	
001961-96-2	1H-Indene, 1-phenyl-	460	J			11.927	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	550	J			12.01	
003674-66-6	Phenanthrene, 2,5-dimethyl-	600	J			12.451	
000238-84-6	11H-Benzo[a]fluorene	570	J			13.168	

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	MH-5	SDG No.:	BF111524
Lab Sample ID:	P4809-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
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
BF140413.D	10	11/12/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	570	U	570	1800	2200	ug/Kg
110-86-1	Pyridine	530	U	530	860	1100	ug/Kg
100-52-7	Benzaldehyde	1200	U	1200	1800	2200	ug/Kg
62-53-3	Aniline	640	U	640	860	1100	ug/Kg
108-95-2	Phenol	550	U	550	860	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	550	U	550	860	1100	ug/Kg
95-57-8	2-Chlorophenol	550	U	550	860	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	560	U	560	860	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	570	U	570	860	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	570	U	570	860	1100	ug/Kg
100-51-6	Benzyl Alcohol	550	U	550	1800	2200	ug/Kg
95-48-7	2-Methylphenol	530	U	530	860	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	600	U	600	860	1100	ug/Kg
98-86-2	Acetophenone	570	U	570	860	1100	ug/Kg
65794-96-9	3+4-Methylphenols	530	U	530	1800	2200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	270	U	270	530	530	ug/Kg
67-72-1	Hexachloroethane	550	U	550	860	1100	ug/Kg
98-95-3	Nitrobenzene	600	U	600	860	1100	ug/Kg
78-59-1	Isophorone	560	U	560	860	1100	ug/Kg
88-75-5	2-Nitrophenol	620	U	620	860	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	620	U	620	860	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	570	U	570	860	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	500	U	500	860	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	560	U	560	860	1100	ug/Kg
65-85-0	Benzoic acid	1600	U	1600	1800	2200	ug/Kg
91-20-3	Naphthalene	550	U	550	860	1100	ug/Kg
106-47-8	4-Chloroaniline	550	U	550	860	1100	ug/Kg
87-68-3	Hexachlorobutadiene	550	U	550	860	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	MH-5	SDG No.:	BF111524
Lab Sample ID:	P4809-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
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
BF140413.D	10	11/12/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	570	U	570	1800	2200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	510	U	510	860	1100	ug/Kg
91-57-6	2-Methylnaphthalene	540	U	540	860	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000	U	1000	1800	2200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	470	U	470	860	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	490	U	490	860	1100	ug/Kg
92-52-4	1,1-Biphenyl	580	U	580	860	1100	ug/Kg
91-58-7	2-Chloronaphthalene	550	U	550	860	1100	ug/Kg
88-74-4	2-Nitroaniline	630	U	630	860	1100	ug/Kg
131-11-3	Dimethylphthalate	540	U	540	860	1100	ug/Kg
208-96-8	Acenaphthylene	570	U	570	860	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	550	U	550	860	1100	ug/Kg
99-09-2	3-Nitroaniline	590	U	590	860	1100	ug/Kg
83-32-9	Acenaphthene	540	U	540	860	1100	ug/Kg
Total PAH	Total PAH	8770	U	8770	860	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1600	U	1600	1800	2200	ug/Kg
100-02-7	4-Nitrophenol	770	U	770	1800	2200	ug/Kg
132-64-9	Dibenzofuran	560	U	560	860	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	570	U	570	860	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	120	U	1120	860	2200	ug/Kg
84-66-2	Diethylphthalate	530	U	530	860	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	570	U	570	860	1100	ug/Kg
86-73-7	Fluorene	560	U	560	860	1100	ug/Kg
100-01-6	4-Nitroaniline	710	U	710	860	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	770	U	770	1800	2200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	540	U	540	860	1100	ug/Kg
103-33-3	Azobenzene	530	U	530	860	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	520	U	520	860	1100	ug/Kg
118-74-1	Hexachlorobenzene	560	U	560	860	1100	ug/Kg
1912-24-9	Atrazine	600	U	600	860	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	MH-5	SDG No.:	BF111524
Lab Sample ID:	P4809-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
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
BF140413.D	10	11/12/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	510	U	510	1800	2200	ug/Kg
85-01-8	Phenanthrene	750	J	550	860	1100	ug/Kg
120-12-7	Anthracene	560	U	560	860	1100	ug/Kg
86-74-8	Carbazole	530	U	530	860	1100	ug/Kg
84-74-2	Di-n-butylphthalate	560	U	560	860	1100	ug/Kg
206-44-0	Fluoranthene	1400		540	860	1100	ug/Kg
92-87-5	Benzidine	1100	U	1100	1800	2200	ug/Kg
129-00-0	Pyrene	1200		550	860	1100	ug/Kg
85-68-7	Butylbenzylphthalate	640	U	640	860	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	650	U	650	1800	2200	ug/Kg
56-55-3	Benzo(a)anthracene	780	J	530	860	1100	ug/Kg
218-01-9	Chrysene	680	J	530	860	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	600	U	600	860	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	730	U	730	1800	2200	ug/Kg
205-99-2	Benzo(b)fluoranthene	810	J	540	860	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	550	U	550	860	1100	ug/Kg
50-32-8	Benzo(a)pyrene	680	J	610	860	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	520	U	520	860	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	540	U	540	860	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	530	U	530	860	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	570	U	570	860	1100	ug/Kg
123-91-1	1,4-Dioxane	730	U	730	860	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	490	U	490	860	1100	ug/Kg
90-12-0	1-Methylnaphthalene	550	U	550	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	70.93		18-112		47	SPK: -150
13127-88-3	Phenol-d6	70.02		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	48.35		18-107		48	SPK: -100
321-60-8	2-Fluorobiphenyl	66.66		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	MH-5	SDG No.:	BF111524
Lab Sample ID:	P4809-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
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
BF140413.D	10	11/12/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	54.97		10-116		37	SPK: -150
1718-51-0	Terphenyl-d14	54.36		10-105		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	133610	6.875				
1146-65-2	Naphthalene-d8	486852	8.157				
15067-26-2	Acenaphthene-d10	223509	9.91				
1517-22-2	Phenanthrene-d10	343324	11.398				
1719-03-5	Chrysene-d12	227474	14.051				
1520-96-3	Perylene-d12	169950	15.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	900	J			2.122	

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	OR-03-11142024	SDG No.:	BF111524
Lab Sample ID:	P4850-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.7
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
BF140414.D	10	11/15/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	560	U	560	1700	2100	ug/Kg
110-86-1	Pyridine	510	U	510	840	1100	ug/Kg
100-52-7	Benzaldehyde	1200	U	1200	1700	2100	ug/Kg
62-53-3	Aniline	620	U	620	840	1100	ug/Kg
108-95-2	Phenol	530	U	530	840	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	540	U	540	840	1100	ug/Kg
95-57-8	2-Chlorophenol	540	U	540	840	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	540	U	540	840	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	550	U	550	840	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	560	U	560	840	1100	ug/Kg
100-51-6	Benzyl Alcohol	530	U	530	1700	2100	ug/Kg
95-48-7	2-Methylphenol	520	U	520	840	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	580	U	580	840	1100	ug/Kg
98-86-2	Acetophenone	560	U	560	840	1100	ug/Kg
65794-96-9	3+4-Methylphenols	510	U	510	1700	2100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	260	U	260	510	510	ug/Kg
67-72-1	Hexachloroethane	530	U	530	840	1100	ug/Kg
98-95-3	Nitrobenzene	580	U	580	840	1100	ug/Kg
78-59-1	Isophorone	540	U	540	840	1100	ug/Kg
88-75-5	2-Nitrophenol	610	U	610	840	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	600	U	600	840	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	550	U	550	840	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	480	U	480	840	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	550	U	550	840	1100	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1700	2100	ug/Kg
91-20-3	Naphthalene	530	U	530	840	1100	ug/Kg
106-47-8	4-Chloroaniline	530	U	530	840	1100	ug/Kg
87-68-3	Hexachlorobutadiene	540	U	540	840	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	OR-03-11142024	SDG No.:	BF111524
Lab Sample ID:	P4850-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.7
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
BF140414.D	10	11/15/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	560	U	560	1700	2100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	500	U	500	840	1100	ug/Kg
91-57-6	2-Methylnaphthalene	530	U	530	840	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000	U	1000	1700	2100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	460	U	460	840	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	480	U	480	840	1100	ug/Kg
92-52-4	1,1-Biphenyl	560	U	560	840	1100	ug/Kg
91-58-7	2-Chloronaphthalene	540	U	540	840	1100	ug/Kg
88-74-4	2-Nitroaniline	610	U	610	840	1100	ug/Kg
131-11-3	Dimethylphthalate	520	U	520	840	1100	ug/Kg
208-96-8	Acenaphthylene	560	U	560	840	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	530	U	530	840	1100	ug/Kg
99-09-2	3-Nitroaniline	570	U	570	840	1100	ug/Kg
83-32-9	Acenaphthene	520	U	520	840	1100	ug/Kg
Total PAH	Total PAH	15800	U	8500	840	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1600	U	1600	1700	2100	ug/Kg
100-02-7	4-Nitrophenol	750	U	750	1700	2100	ug/Kg
132-64-9	Dibenzofuran	540	U	540	840	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1080	U	1080	840	2200	ug/Kg
121-14-2	2,4-Dinitrotoluene	550	U	550	840	1100	ug/Kg
84-66-2	Diethylphthalate	510	U	510	840	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	550	U	550	840	1100	ug/Kg
86-73-7	Fluorene	550	U	550	840	1100	ug/Kg
100-01-6	4-Nitroaniline	690	U	690	840	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	750	U	750	1700	2100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	520	U	520	840	1100	ug/Kg
103-33-3	Azobenzene	510	U	510	840	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	510	U	510	840	1100	ug/Kg
118-74-1	Hexachlorobenzene	550	U	550	840	1100	ug/Kg
1912-24-9	Atrazine	590	U	590	840	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	OR-03-11142024	SDG No.:	BF111524
Lab Sample ID:	P4850-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.7
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
BF140414.D	10	11/15/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	500	U	500	1700	2100	ug/Kg
85-01-8	Phenanthrene	2100		540	840	1100	ug/Kg
120-12-7	Anthracene	620	J	540	840	1100	ug/Kg
86-74-8	Carbazole	520	U	520	840	1100	ug/Kg
84-74-2	Di-n-butylphthalate	540	U	540	840	1100	ug/Kg
206-44-0	Fluoranthene	3100		520	840	1100	ug/Kg
92-87-5	Benzidine	1000	U	1000	1700	2100	ug/Kg
129-00-0	Pyrene	2500		530	840	1100	ug/Kg
85-68-7	Butylbenzylphthalate	620	U	620	840	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	630	U	630	1700	2100	ug/Kg
56-55-3	Benzo(a)anthracene	1400		520	840	1100	ug/Kg
218-01-9	Chrysene	1300		510	840	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	580	U	580	840	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	710	U	710	1700	2100	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		520	840	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	710	J	530	840	1100	ug/Kg
50-32-8	Benzo(a)pyrene	1300		600	840	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	570	J	500	840	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	520	U	520	840	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	700	J	510	840	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	560	U	560	840	1100	ug/Kg
123-91-1	1,4-Dioxane	710	U	710	840	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	480	U	480	840	1100	ug/Kg
90-12-0	1-Methylnaphthalene	530	U	530	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	94.15		18-112		63	SPK: -150
13127-88-3	Phenol-d6	91.5		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	66.74		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	84.89		20-109		85	SPK: -100

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	OR-03-11142024	SDG No.:	BF111524
Lab Sample ID:	P4850-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.7
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140414.D	10	11/15/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	69.82		10-116		47	SPK: -150
1718-51-0	Terphenyl-d14	73.37		10-105		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127042	6.875				
1146-65-2	Naphthalene-d8	451189	8.157				
15067-26-2	Acenaphthene-d10	210152	9.91				
1517-22-2	Phenanthrene-d10	324870	11.398				
1719-03-5	Chrysene-d12	217441	14.045				
1520-96-3	Perylene-d12	159028	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			2.122	
000203-64-5	4H-Cyclopenta[def]phenanthrene	570	J			12.016	

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	OK-02-11142024	SDG No.:	BF111524
Lab Sample ID:	P4851-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF140415.D	10	11/15/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	520	U	520	1600	2000	ug/Kg
110-86-1	Pyridine	480	U	480	780	1000	ug/Kg
100-52-7	Benzaldehyde	1100	U	1100	1600	2000	ug/Kg
62-53-3	Aniline	580	U	580	780	1000	ug/Kg
108-95-2	Phenol	500	U	500	780	1000	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	500	U	500	780	1000	ug/Kg
95-57-8	2-Chlorophenol	500	U	500	780	1000	ug/Kg
95-50-1	1,2-Dichlorobenzene	510	U	510	780	1000	ug/Kg
541-73-1	1,3-Dichlorobenzene	520	U	520	780	1000	ug/Kg
106-46-7	1,4-Dichlorobenzene	520	U	520	780	1000	ug/Kg
100-51-6	Benzyl Alcohol	500	U	500	1600	2000	ug/Kg
95-48-7	2-Methylphenol	480	U	480	780	1000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	540	U	540	780	1000	ug/Kg
98-86-2	Acetophenone	520	U	520	780	1000	ug/Kg
65794-96-9	3+4-Methylphenols	480	U	480	1600	2000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	240	U	240	480	480	ug/Kg
67-72-1	Hexachloroethane	500	U	500	780	1000	ug/Kg
98-95-3	Nitrobenzene	540	U	540	780	1000	ug/Kg
78-59-1	Isophorone	510	U	510	780	1000	ug/Kg
88-75-5	2-Nitrophenol	570	U	570	780	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	560	U	560	780	1000	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	510	U	510	780	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	450	U	450	780	1000	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	510	U	510	780	1000	ug/Kg
65-85-0	Benzoic acid	1400	U	1400	1600	2000	ug/Kg
91-20-3	Naphthalene	490	U	490	780	1000	ug/Kg
106-47-8	4-Chloroaniline	490	U	490	780	1000	ug/Kg
87-68-3	Hexachlorobutadiene	500	U	500	780	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	OK-02-11142024	SDG No.:	BF111524
Lab Sample ID:	P4851-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF140415.D	10	11/15/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	520	U	520	1600	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	460	U	460	780	1000	ug/Kg
91-57-6	2-Methylnaphthalene	490	U	490	780	1000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	930	U	930	1600	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	430	U	430	780	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	440	U	440	780	1000	ug/Kg
92-52-4	1,1-Biphenyl	520	U	520	780	1000	ug/Kg
91-58-7	2-Chloronaphthalene	500	U	500	780	1000	ug/Kg
88-74-4	2-Nitroaniline	570	U	570	780	1000	ug/Kg
131-11-3	Dimethylphthalate	490	U	490	780	1000	ug/Kg
208-96-8	Acenaphthylene	520	U	520	780	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	500	U	500	780	1000	ug/Kg
99-09-2	3-Nitroaniline	530	U	530	780	1000	ug/Kg
83-32-9	Acenaphthene	490	U	490	780	1000	ug/Kg
Total PAH	Total PAH	7950	U	7950	780	16000	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	1500	1600	2000	ug/Kg
100-02-7	4-Nitrophenol	700	U	700	1600	2000	ug/Kg
132-64-9	Dibenzofuran	510	U	510	780	1000	ug/Kg
121-14-2	2,4-Dinitrotoluene	520	U	520	780	1000	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1020	U	1020	780	2000	ug/Kg
84-66-2	Diethylphthalate	480	U	480	780	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	510	U	510	780	1000	ug/Kg
86-73-7	Fluorene	510	U	510	780	1000	ug/Kg
100-01-6	4-Nitroaniline	640	U	640	780	1000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	700	U	700	1600	2000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	490	U	490	780	1000	ug/Kg
103-33-3	Azobenzene	480	U	480	780	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	470	U	470	780	1000	ug/Kg
118-74-1	Hexachlorobenzene	510	U	510	780	1000	ug/Kg
1912-24-9	Atrazine	550	U	550	780	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	OK-02-11142024	SDG No.:	BF111524
Lab Sample ID:	P4851-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF140415.D	10	11/15/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	460	U	460	1600	2000	ug/Kg
85-01-8	Phenanthrene	500	U	500	780	1000	ug/Kg
120-12-7	Anthracene	510	U	510	780	1000	ug/Kg
86-74-8	Carbazole	480	U	480	780	1000	ug/Kg
84-74-2	Di-n-butylphthalate	510	U	510	780	1000	ug/Kg
206-44-0	Fluoranthene	490	U	490	780	1000	ug/Kg
92-87-5	Benzidine	980	U	980	1600	2000	ug/Kg
129-00-0	Pyrene	500	U	500	780	1000	ug/Kg
85-68-7	Butylbenzylphthalate	580	U	580	780	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	590	U	590	1600	2000	ug/Kg
56-55-3	Benzo(a)anthracene	480	U	480	780	1000	ug/Kg
218-01-9	Chrysene	480	U	480	780	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	550	U	550	780	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	660	U	660	1600	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	490	U	490	780	1000	ug/Kg
207-08-9	Benzo(k)fluoranthene	490	U	490	780	1000	ug/Kg
50-32-8	Benzo(a)pyrene	560	U	560	780	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	470	U	470	780	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	490	U	490	780	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	480	U	480	780	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	520	U	520	780	1000	ug/Kg
123-91-1	1,4-Dioxane	660	U	660	780	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	450	U	450	780	1000	ug/Kg
90-12-0	1-Methylnaphthalene	500	U	500	1000	1000	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.21		18-112		51	SPK: -150
13127-88-3	Phenol-d6	75.64		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	50.2		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	69.77		20-109		70	SPK: -100

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	OK-02-11142024	SDG No.:	BF111524
Lab Sample ID:	P4851-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF140415.D	10	11/15/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	50.97		10-116		34	SPK: -150
1718-51-0	Terphenyl-d14	61.63		10-105		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127176	6.875				
1146-65-2	Naphthalene-d8	459487	8.157				
15067-26-2	Acenaphthene-d10	213467	9.91				
1517-22-2	Phenanthrene-d10	336309	11.398				
1719-03-5	Chrysene-d12	219512	14.045				
1520-96-3	Perylene-d12	161318	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	870	J			2.122	

Hit Summary Sheet SW-846

SDG No.: BF111524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MH-6DL								
P4798-01DL	MH-6DL	Solid	Acenaphthene	150.000	JD	110	230	ug/Kg
P4798-01DL	MH-6DL	Solid	Anthracene	390.000	D	110	230	ug/Kg
P4798-01DL	MH-6DL	Solid	Benzo(a)anthracene	1,000.000	D	110	230	ug/Kg
P4798-01DL	MH-6DL	Solid	Benzo(a)pyrene	930.000	D	120	230	ug/Kg
P4798-01DL	MH-6DL	Solid	Benzo(b)fluoranthene	1,200.000	D	110	230	ug/Kg
P4798-01DL	MH-6DL	Solid	Benzo(g,h,i)perylene	470.000	D	110	230	ug/Kg
P4798-01DL	MH-6DL	Solid	Benzo(k)fluoranthene	410.000	D	110	230	ug/Kg
P4798-01DL	MH-6DL	Solid	Chrysene	880.000	D	110	230	ug/Kg
P4798-01DL	MH-6DL	Solid	Dibenzo(a,h)anthracene	130.000	JD	110	230	ug/Kg
P4798-01DL	MH-6DL	Solid	Dibenzofuran	130.000	JD	110	230	ug/Kg
P4798-01DL	MH-6DL	Solid	Fluoranthene	1,800.000	D	110	230	ug/Kg
P4798-01DL	MH-6DL	Solid	Fluorene	160.000	JD	110	230	ug/Kg
P4798-01DL	MH-6DL	Solid	Indeno(1,2,3-cd)pyrene	420.000	D	100	230	ug/Kg
P4798-01DL	MH-6DL	Solid	Naphthalene	110.000	JD	110	230	ug/Kg
P4798-01DL	MH-6DL	Solid	Phenanthrene	1,200.000	D	110	230	ug/Kg
P4798-01DL	MH-6DL	Solid	Pyrene	1,400.000	D	110	230	ug/Kg
P4798-01DL	MH-6DL	Solid	Total PAH	10,650.000	D	1770	3680	ug/Kg
Total Svoc :				21,430.00				
Total Concentration:				21,430.00				
Client ID : WC-TA2-02-C								
P4799-03	WC-TA2-02-C	water	1-Methylnaphthalene	110.000		8.6	50	ug/L
P4799-03	WC-TA2-02-C	water	2-Methylnaphthalene	66.300		11.3	50	ug/L
P4799-03	WC-TA2-02-C	water	Acenaphthene	130.000		8.1	50	ug/L
P4799-03	WC-TA2-02-C	water	Benzidine	75.500	J	40.7	100	ug/L
P4799-03	WC-TA2-02-C	water	Fluorene	57.900		9.6	50	ug/L
P4799-03	WC-TA2-02-C	water	Naphthalene	320.000		10.2	50	ug/L
P4799-03	WC-TA2-02-C	water	Phenanthrene	90.600		8.9	50	ug/L
P4799-03	WC-TA2-02-C	water	Total PAH	598.000	J	172.9	800	ug/L
Total Svoc :				1,448.30				
Total Concentration:				1,448.30				
Client ID : WC-TA2-03-C								
P4799-07	WC-TA2-03-C	water	1-Methylnaphthalene	32.900	J	8.6	50	ug/L
P4799-07	WC-TA2-03-C	water	2-Methylnaphthalene	20.300	J	11.3	50	ug/L
P4799-07	WC-TA2-03-C	water	Acenaphthene	37.300	J	8.1	50	ug/L
P4799-07	WC-TA2-03-C	water	Fluorene	20.300	J	9.6	50	ug/L
P4799-07	WC-TA2-03-C	water	Naphthalene	60.500		10.2	50	ug/L

Hit Summary Sheet SW-846

SDG No.: BF111524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4799-07	WC-TA2-03-C	water	Phenanthrene	40.400	J	8.9	50	ug/L
Total Svoc :				211.70				
Total Concentration:				211.70				
Client ID : WC-TA1-01-C								
P4799-11	WC-TA1-01-C	water	1-Methylnaphthalene	220.000		8.6	50	ug/L
P4799-11	WC-TA1-01-C	water	2-Methylnaphthalene	190.000		11.3	50	ug/L
P4799-11	WC-TA1-01-C	water	Acenaphthene	59.300		8.1	50	ug/L
P4799-11	WC-TA1-01-C	water	Fluorene	30.000	J	9.6	50	ug/L
P4799-11	WC-TA1-01-C	water	Naphthalene	880.000	E	10.2	50	ug/L
P4799-11	WC-TA1-01-C	water	Phenanthrene	40.100	J	8.9	50	ug/L
P4799-11	WC-TA1-01-C	water	Total PAH	1,009.000		172.9	800	ug/L
Total Svoc :				2,428.40				
Total Concentration:				2,428.40				
Client ID : WC-TA1-02-C								
P4799-15	WC-TA1-02-C	water	1-Methylnaphthalene	250.000		8.6	50	ug/L
P4799-15	WC-TA1-02-C	water	2-Methylnaphthalene	190.000		11.3	50	ug/L
P4799-15	WC-TA1-02-C	water	Acenaphthene	81.500		8.1	50	ug/L
P4799-15	WC-TA1-02-C	water	Fluorene	40.800	J	9.6	50	ug/L
P4799-15	WC-TA1-02-C	water	Naphthalene	1,000.000	E	10.2	50	ug/L
P4799-15	WC-TA1-02-C	water	Phenanthrene	53.300		8.9	50	ug/L
P4799-15	WC-TA1-02-C	water	Total PAH	1,175.000		172.9	800	ug/L
Total Svoc :				2,790.60				
Total Concentration:				2,790.60				
Client ID : WC-TA1-03-C								
P4799-19	WC-TA1-03-C	water	1-Methylnaphthalene	260.000		8.6	50	ug/L
P4799-19	WC-TA1-03-C	water	2-Methylnaphthalene	200.000		11.3	50	ug/L
P4799-19	WC-TA1-03-C	water	Acenaphthene	83.700		8.1	50	ug/L
P4799-19	WC-TA1-03-C	water	Fluorene	45.500	J	9.6	50	ug/L
P4799-19	WC-TA1-03-C	water	Naphthalene	980.000	E	10.2	50	ug/L
P4799-19	WC-TA1-03-C	water	Phenanthrene	59.300		8.9	50	ug/L
P4799-19	WC-TA1-03-C	water	Total PAH	1,168.000		172.9	800	ug/L
Total Svoc :				2,796.50				
Total Concentration:				2,796.50				
Client ID : BF-F13								
P4807-09	BF-F13	Solid	13-Docosenamide, (Z)-	*	390.000	J		
P4807-09	BF-F13	Solid	Benzophenone	*	70.300	J		
P4807-09	BF-F13	Solid	Butane, 2-methoxy-2-methyl-	*	720.000	J		
P4807-09	BF-F13	Solid	Dichloroacetic acid, heptadecyl es	*	71.400	J		
P4807-09	BF-F13	Solid	n-Hexadecanoic acid	*	88.800	J		

Hit Summary Sheet SW-846

SDG No.: BF111524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4807-09	BF-F13	Solid	unknown7.510	*	45.000	J		
Total Tics :					1,385.50			
Total Concentration:					1,385.50			
Client ID : TP-6								
P4807-13	TP-6	Solid	13-Docosenamide, (Z)-	*	240.000	J		
P4807-13	TP-6	Solid	Behenic alcohol	*	76.400	J		
P4807-13	TP-6	Solid	Benzophenone	*	85.300	J		
P4807-13	TP-6	Solid	Butane, 2-methoxy-2-methyl-	*	890.000	J		
P4807-13	TP-6	Solid	n-Hexadecanoic acid	*	86.200	J		
Total Tics :					1,377.90			
Total Concentration:					1,377.90			
Client ID : MH-5								
P4809-01	MH-5	Solid	Butane, 2-methoxy-2-methyl-	*	900.000	J		
Total Tics :					900.00			
P4809-01	MH-5	Solid	Benzo(a)anthracene		780.000	J 530	1100	ug/Kg
P4809-01	MH-5	Solid	Benzo(a)pyrene		680.000	J 610	1100	ug/Kg
P4809-01	MH-5	Solid	Benzo(b)fluoranthene		810.000	J 540	1100	ug/Kg
P4809-01	MH-5	Solid	Chrysene		680.000	J 530	1100	ug/Kg
P4809-01	MH-5	Solid	Fluoranthene		1,400.000	J 540	1100	ug/Kg
P4809-01	MH-5	Solid	Phenanthrene		750.000	J 550	1100	ug/Kg
P4809-01	MH-5	Solid	Pyrene		1,200.000	J 550	1100	ug/Kg
Total Svoc :					6,300.00			
Total Concentration:					7,200.00			
Client ID : STOCK-PILE								
P4825-01	STOCK-PILE	Solid	11H-Benzo[a]fluorene	*	570.000	J		
P4825-01	STOCK-PILE	Solid	1H-Indene, 1-phenyl-	*	460.000	J		
P4825-01	STOCK-PILE	Solid	Benzaldehyde, 3,5-dichloro-2-hyd	*	550.000	J		
P4825-01	STOCK-PILE	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P4825-01	STOCK-PILE	Solid	Phenanthrene, 1-methyl-	*	520.000	J		
P4825-01	STOCK-PILE	Solid	Phenanthrene, 2,5-dimethyl-	*	600.000	J		
P4825-01	STOCK-PILE	Solid	Tritetracontane	*	490.000	J		
Total Tics :					4,290.00			
P4825-01	STOCK-PILE	Solid	Benzo(a)anthracene		810.000	J 540	1100	ug/Kg
P4825-01	STOCK-PILE	Solid	Benzo(a)pyrene		730.000	J 620	1100	ug/Kg
P4825-01	STOCK-PILE	Solid	Benzo(b)fluoranthene		690.000	J 540	1100	ug/Kg
P4825-01	STOCK-PILE	Solid	Chrysene		850.000	J 530	1100	ug/Kg
P4825-01	STOCK-PILE	Solid	Fluoranthene		960.000	J 550	1100	ug/Kg
P4825-01	STOCK-PILE	Solid	Phenanthrene		820.000	J 560	1100	ug/Kg
P4825-01	STOCK-PILE	Solid	Pyrene		1,500.000	J 560	1100	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BF111524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	6,360.00				
			Total Concentration:	10,650.00				
Client ID : 345-2-STONE								
P4835-03	345-2-STONE	Solid	1-Hexanol, 2-ethyl-	*	45.600	J		
P4835-03	345-2-STONE	Solid	1-Hexene	*	50.000	J		
P4835-03	345-2-STONE	Solid	Butane, 2-methoxy-2-methyl-	*	530.000	J		
P4835-03	345-2-STONE	Solid	Phthalic acid, 2-(4-bromophenoxy	*	180.000	J		
			Total Tics :	805.60				
			Total Concentration:	805.60				
Client ID : T3-STONE								
P4836-03	T3-STONE	Solid	Butane, 2-methoxy-2-methyl-	*	710.000	J		
P4836-03	T3-STONE	Solid	unknown9.822	*	400.000	J		
			Total Tics :	1,110.00				
P4836-03	T3-STONE	Solid	Bis(2-ethylhexyl)phthalate		370.000	54.5	100	ug/Kg
			Total Svoc :	370.00				
			Total Concentration:	1,480.00				
Client ID : OR-03-11142024								
P4850-01	OR-03-11142024	Solid	4H-Cyclopenta[def]phenanthrene	*	570.000	J		
P4850-01	OR-03-11142024	Solid	Butane, 2-methoxy-2-methyl-	*	1,000.000	J		
			Total Tics :	1,570.00				
P4850-01	OR-03-11142024	Solid	Anthracene		620.000	J 540	1100	ug/Kg
P4850-01	OR-03-11142024	Solid	Benzo(a)anthracene		1,400.000	520	1100	ug/Kg
P4850-01	OR-03-11142024	Solid	Benzo(a)pyrene		1,300.000	600	1100	ug/Kg
P4850-01	OR-03-11142024	Solid	Benzo(b)fluoranthene		1,500.000	520	1100	ug/Kg
P4850-01	OR-03-11142024	Solid	Benzo(g,h,i)perylene		700.000	J 510	1100	ug/Kg
P4850-01	OR-03-11142024	Solid	Benzo(k)fluoranthene		710.000	J 530	1100	ug/Kg
P4850-01	OR-03-11142024	Solid	Chrysene		1,300.000	510	1100	ug/Kg
P4850-01	OR-03-11142024	Solid	Fluoranthene		3,100.000	520	1100	ug/Kg
P4850-01	OR-03-11142024	Solid	Indeno(1,2,3-cd)pyrene		570.000	J 500	1100	ug/Kg
P4850-01	OR-03-11142024	Solid	Phenanthrene		2,100.000	540	1100	ug/Kg
P4850-01	OR-03-11142024	Solid	Pyrene		2,500.000	530	1100	ug/Kg
			Total Svoc :	15,800.00				
			Total Concentration:	17,370.00				
Client ID : OK-02-11142024								
P4851-01	OK-02-11142024	Solid	Butane, 2-methoxy-2-methyl-	*	870.000	J		
			Total Tics :	870.00				
			Total Concentration:	870.00				



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: BF111524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF111324 SAS No.: BF111324 SDG No.: BF111324
Instrument ID: _____ Calibration Date(s): 11/13/2024
Calibration Time(s): 09:01

LAB FILE ID:		RRF2.5 = BF140332.D			RRF005 = BF140333.D		RRF010 = BF140334.D	
		RRF020 = BF140335.D			RRF050 = BF140337.D		RRF060 = BF140338.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF050	RRF060	RRF	% RSD
n-Nitrosodimethylamine		0.658	0.632	0.651	0.644	0.671	0.649	2.4
n-Nitrosodimethylamine		0.658	0.632	0.651	0.644	0.671	0.649	2.4
Pyridine		1.430	1.343	1.323	1.189	1.237	1.283	7.6
Pyridine		1.430	1.343	1.323	1.189	1.237	1.283	7.6
2-Fluorophenol		1.329	1.257	1.223	1.090	1.118	1.171	8.8
2-Fluorophenol		1.329	1.257	1.223	1.090	1.118	1.171	8.8
Benzaldehyde		1.101	1.087	1.017	0.828	0.783	0.951	14.3
Benzaldehyde		1.101	1.087	1.017	0.828	0.783	0.951	14.3
Aniline		1.587	1.527	1.495	1.267	1.270	1.381	13.4
Aniline		1.587	1.527	1.495	1.267	1.270	1.381	13.4
Phenol-d6		1.773	1.691	1.643	1.483	1.507	1.587	8.1
Phenol-d6		1.773	1.691	1.643	1.483	1.507	1.587	8.1
Phenol		1.799	1.793	1.743	1.582	1.597	1.674	7.3
Phenol		1.799	1.793	1.743	1.582	1.597	1.674	7.3
bis(2-Chloroethyl)ether		1.359	1.294	1.306	1.227	1.249	1.268	4.6
bis(2-Chloroethyl)ether		1.359	1.294	1.306	1.227	1.249	1.268	4.6
2-Chlorophenol		1.397	1.349	1.332	1.176	1.184	1.258	8.5
2-Chlorophenol		1.397	1.349	1.332	1.176	1.184	1.258	8.5
1,2-Dichlorobenzene		1.494	1.429	1.398	1.212	1.214	1.307	10.6
1,2-Dichlorobenzene		1.494	1.429	1.398	1.212	1.214	1.307	10.6
1,3-Dichlorobenzene		1.585	1.475	1.454	1.291	1.317	1.388	9.0
1,3-Dichlorobenzene		1.585	1.475	1.454	1.291	1.317	1.388	9.0
1,4-Dichlorobenzene		1.590	1.534	1.486	1.306	1.326	1.408	9.5
1,4-Dichlorobenzene		1.590	1.534	1.486	1.306	1.326	1.408	9.5
Benzyl Alcohol		1.172	1.193	1.199	1.100	1.108	1.143	6.1
Benzyl Alcohol		1.172	1.193	1.199	1.100	1.108	1.143	6.1
2-Methylphenol		1.092	1.062	1.072	0.998	1.016	1.035	5.1
2-Methylphenol		1.092	1.062	1.072	0.998	1.016	1.035	5.1
2,2-oxybis(1-Chloropropane)		1.906	1.826	1.815	1.666	1.684	1.752	7.0
2,2-oxybis(1-Chloropropane)		1.906	1.826	1.815	1.666	1.684	1.752	7.0
Acetophenone		0.532	0.508	0.481	0.434	0.441	0.465	9.4
Acetophenone		0.532	0.508	0.481	0.434	0.441	0.465	9.4
3+4-Methylphenols		1.436	1.427	1.359	1.200	1.198	1.295	10.2
3+4-Methylphenols		1.436	1.427	1.359	1.200	1.198	1.295	10.2
n-Nitroso-di-n-propylamine	1.032	1.029	1.003	0.986	0.883	0.905	0.959	7.3
n-Nitroso-di-n-propylamine	1.032	1.029	1.003	0.986	0.883	0.905	0.959	7.3
Nitrobenzene-d5		0.411	0.401	0.399	0.368	0.379	0.384	5.3
Nitrobenzene-d5		0.411	0.401	0.399	0.368	0.379	0.384	5.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BF111324 SAS No.: BF111324 SDG No.: BF111324
 Instrument ID: _____ Calibration Date(s): 11/13/2024
 Calibration Time(s): 09:01

LAB FILE ID: RRF2.5 = BF140332.D RRF005 = BF140333.D RRF010 = BF140334.D								
RRF020 = BF140335.D RRF050 = BF140337.D RRF060 = BF140338.D								
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF050	RRF060	RRF	% RSD
Hexachloroethane		0.562	0.543	0.550	0.500	0.506	0.520	6.3
Hexachloroethane		0.562	0.543	0.550	0.500	0.506	0.520	6.3
Nitrobenzene		0.423	0.421	0.406	0.390	0.394	0.400	4.6
Nitrobenzene		0.423	0.421	0.406	0.390	0.394	0.400	4.6
Isophorone		0.736	0.702	0.692	0.654	0.671	0.680	4.9
Isophorone		0.736	0.702	0.692	0.654	0.671	0.680	4.9
2-Nitrophenol		0.175	0.179	0.181	0.175	0.181	0.177	2.0
2-Nitrophenol		0.175	0.179	0.181	0.175	0.181	0.177	2.0
2,4-Dimethylphenol		0.238	0.236	0.232	0.221	0.227	0.227	3.9
2,4-Dimethylphenol		0.238	0.236	0.232	0.221	0.227	0.227	3.9
bis(2-Chloroethoxy)methane		0.461	0.442	0.430	0.398	0.404	0.417	6.8
bis(2-Chloroethoxy)methane		0.461	0.442	0.430	0.398	0.404	0.417	6.8
2,4-Dichlorophenol		0.307	0.296	0.287	0.272	0.272	0.281	6.2
2,4-Dichlorophenol		0.307	0.296	0.287	0.272	0.272	0.281	6.2
1,2,4-Trichlorobenzene		0.346	0.331	0.325	0.298	0.301	0.312	7.1
1,2,4-Trichlorobenzene		0.346	0.331	0.325	0.298	0.301	0.312	7.1
Benzoic acid		0.162	0.178	0.180	0.215	0.226	0.200	13.0
Benzoic acid		0.162	0.178	0.180	0.215	0.226	0.200	13.0
Naphthalene		1.160	1.105	1.064	0.950	0.955	1.015	9.6
Naphthalene		1.160	1.105	1.064	0.950	0.955	1.015	9.6
4-Chloroaniline		0.390	0.386	0.370	0.333	0.340	0.353	8.4
4-Chloroaniline		0.390	0.386	0.370	0.333	0.340	0.353	8.4
Hexachlorobutadiene		0.220	0.214	0.210	0.188	0.190	0.199	7.7
Hexachlorobutadiene		0.220	0.214	0.210	0.188	0.190	0.199	7.7
Caprolactam		0.098	0.093	0.094	0.091	0.095	0.093	3.3
Caprolactam		0.098	0.093	0.094	0.091	0.095	0.093	3.3
4-Chloro-3-methylphenol		0.331	0.327	0.320	0.299	0.304	0.311	5.1
4-Chloro-3-methylphenol		0.331	0.327	0.320	0.299	0.304	0.311	5.1
2-Methylnaphthalene		0.751	0.706	0.683	0.610	0.607	0.651	10.0
2-Methylnaphthalene		0.751	0.706	0.683	0.610	0.607	0.651	10.0
Hexachlorocyclopentadiene			0.111	0.143	0.156	0.159	0.142	12.0
Hexachlorocyclopentadiene			0.111	0.143	0.156	0.159	0.142	12.0
2,4,6-Trichlorophenol		0.380	0.374	0.374	0.360	0.352	0.363	3.9
2,4,6-Trichlorophenol		0.380	0.374	0.374	0.360	0.352	0.363	3.9
2-Fluorobiphenyl		1.524	1.396	1.351	1.125	1.110	1.244	14.5
2-Fluorobiphenyl		1.524	1.396	1.351	1.125	1.110	1.244	14.5
2,4,5-Trichlorophenol		0.421	0.417	0.412	0.387	0.390	0.397	5.4
2,4,5-Trichlorophenol		0.421	0.417	0.412	0.387	0.390	0.397	5.4

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF111324

SAS No.: BF111324

SDG No.: BF111324

Instrument ID: _____

Calibration Date(s): 11/13/2024

Calibration Time(s): 09:01

LAB FILE ID:		RRF2.5 = BF140332.D			RRF005 = BF140333.D		RRF010 = BF140334.D	
		RRF020 = BF140335.D			RRF050 = BF140337.D		RRF060 = BF140338.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF050	RRF060	RRF	% RSD
1,1-Biphenyl		1.690	1.571	1.565	1.368	1.343	1.455	10.8
1,1-Biphenyl		1.690	1.571	1.565	1.368	1.343	1.455	10.8
2-Chloronaphthalene		1.279	1.182	1.149	1.064	1.049	1.108	9.2
2-Chloronaphthalene		1.279	1.182	1.149	1.064	1.049	1.108	9.2
2-Nitroaniline		0.378	0.365	0.384	0.365	0.366	0.368	2.9
2-Nitroaniline		0.378	0.365	0.384	0.365	0.366	0.368	2.9
Dimethylphthalate		1.464	1.358	1.371	1.246	1.244	1.304	7.5
Dimethylphthalate		1.464	1.358	1.371	1.246	1.244	1.304	7.5
Acenaphthylene		1.940	1.802	1.786	1.582	1.552	1.677	10.3
Acenaphthylene		1.940	1.802	1.786	1.582	1.552	1.677	10.3
2,6-Dinitrotoluene		0.317	0.303	0.313	0.291	0.289	0.297	5.6
2,6-Dinitrotoluene		0.317	0.303	0.313	0.291	0.289	0.297	5.6
3-Nitroaniline		0.333	0.327	0.335	0.307	0.298	0.312	6.9
3-Nitroaniline		0.333	0.327	0.335	0.307	0.298	0.312	6.9
Acenaphthene		1.259	1.204	1.192	1.091	1.079	1.133	7.8
Acenaphthene		1.259	1.204	1.192	1.091	1.079	1.133	7.8
2,4-Dinitrophenol			0.109	0.148	0.178	0.170	0.153	16.3
2,4-Dinitrophenol			0.109	0.148	0.178	0.170	0.153	16.3
4-Nitrophenol		0.199	0.217	0.239	0.240	0.237	0.228	6.7
4-Nitrophenol		0.199	0.217	0.239	0.240	0.237	0.228	6.7
Dibenzofuran		1.904	1.736	1.715	1.502	1.466	1.603	11.9
Dibenzofuran		1.904	1.736	1.715	1.502	1.466	1.603	11.9
2,4-Dinitrotoluene		0.414	0.400	0.417	0.387	0.382	0.391	5.8
2,4-Dinitrotoluene		0.414	0.400	0.417	0.387	0.382	0.391	5.8
Diethylphthalate		1.525	1.417	1.398	1.272	1.246	1.333	8.8
Diethylphthalate		1.525	1.417	1.398	1.272	1.246	1.333	8.8
4-Chlorophenyl-phenylether		0.739	0.688	0.669	0.583	0.567	0.625	12.0
4-Chlorophenyl-phenylether		0.739	0.688	0.669	0.583	0.567	0.625	12.0
Fluorene		1.525	1.403	1.365	1.168	1.137	1.267	13.1
Fluorene		1.525	1.403	1.365	1.168	1.137	1.267	13.1
4-Nitroaniline		0.335	0.325	0.328	0.316	0.313	0.319	3.9
4-Nitroaniline		0.335	0.325	0.328	0.316	0.313	0.319	3.9
4,6-Dinitro-2-methylphenol		0.080	0.098	0.113	0.117	0.120	0.108	13.0
4,6-Dinitro-2-methylphenol		0.080	0.098	0.113	0.117	0.120	0.108	13.0
n-Nitrosodiphenylamine		0.651	0.630	0.600	0.541	0.541	0.578	8.6
n-Nitrosodiphenylamine		0.651	0.630	0.600	0.541	0.541	0.578	8.6
Azobenzene		1.498	1.391	1.380	1.251	1.244	1.317	8.6
Azobenzene		1.498	1.391	1.380	1.251	1.244	1.317	8.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF111324 SAS No.: BF111324 SDG No.: BF111324

Instrument ID: _____ Calibration Date(s): 11/13/2024

Calibration Time(s): 09:01

LAB FILE ID:		RRF2.5 = BF140332.D			RRF005 = BF140333.D		RRF010 = BF140334.D	
		RRF020 = BF140335.D			RRF050 = BF140337.D		RRF060 = BF140338.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF050	RRF060	RRF	% RSD
2,4,6-Tribromophenol		0.220	0.211	0.207	0.191	0.189	0.199	6.9
2,4,6-Tribromophenol		0.220	0.211	0.207	0.191	0.189	0.199	6.9
4-Bromophenyl-phenylether		0.227	0.210	0.209	0.191	0.188	0.200	8.1
4-Bromophenyl-phenylether		0.227	0.210	0.209	0.191	0.188	0.200	8.1
Hexachlorobenzene		0.251	0.242	0.232	0.209	0.215	0.225	7.5
Hexachlorobenzene		0.251	0.242	0.232	0.209	0.215	0.225	7.5
Atrazine		0.191	0.183	0.135	0.155	0.205	0.175	17.0
Atrazine		0.191	0.183	0.135	0.155	0.205	0.175	17.0
Pentachlorophenol		0.097	0.108	0.124	0.131	0.130	0.121	10.9
Pentachlorophenol		0.097	0.108	0.124	0.131	0.130	0.121	10.9
Phenanthrene		1.096	1.053	0.986	0.868	0.851	0.940	11.3
Phenanthrene		1.096	1.053	0.986	0.868	0.851	0.940	11.3
Anthracene		1.071	1.018	0.966	0.860	0.839	0.921	10.8
Anthracene		1.071	1.018	0.966	0.860	0.839	0.921	10.8
Carbazole		1.053	1.009	0.963	0.846	0.834	0.909	11.0
Carbazole		1.053	1.009	0.963	0.846	0.834	0.909	11.0
Di-n-butylphthalate		1.214	1.177	1.150	1.036	1.023	1.091	8.4
Di-n-butylphthalate		1.214	1.177	1.150	1.036	1.023	1.091	8.4
Fluoranthene		1.256	1.201	1.141	0.962	0.933	1.054	13.9
Fluoranthene		1.256	1.201	1.141	0.962	0.933	1.054	13.9
Benzidine			0.634	0.684	0.742	0.953	0.768	18.6
Benzidine			0.634	0.684	0.742	0.953	0.768	18.6
Pyrene		1.748	1.706	1.643	1.728	1.800	1.711	3.1
Pyrene		1.748	1.706	1.643	1.728	1.800	1.711	3.1
Terphenyl-d14		1.226	1.185	1.108	1.139	1.190	1.152	4.3
Terphenyl-d14		1.226	1.185	1.108	1.139	1.190	1.152	4.3
Butylbenzylphthalate		0.640	0.638	0.654	0.670	0.681	0.657	3.6
Butylbenzylphthalate		0.640	0.638	0.654	0.670	0.681	0.657	3.6
3,3-Dichlorobenzidine		0.438	0.431	0.433	0.406	0.416	0.418	3.8
3,3-Dichlorobenzidine		0.438	0.431	0.433	0.406	0.416	0.418	3.8
Benzo(a)anthracene		1.451	1.418	1.351	1.229	1.294	1.314	7.3
Benzo(a)anthracene		1.451	1.418	1.351	1.229	1.294	1.314	7.3
Chrysene		1.394	1.241	1.235	1.137	1.123	1.199	8.4
Chrysene		1.394	1.241	1.235	1.137	1.123	1.199	8.4
Bis(2-ethylhexyl)phthalate		0.886	0.890	0.897	0.858	0.869	0.877	4.1
Bis(2-ethylhexyl)phthalate		0.886	0.890	0.897	0.858	0.869	0.877	4.1
Di-n-octyl phthalate		1.231	1.217	1.270	1.187	1.241	1.235	2.9
Di-n-octyl phthalate		1.231	1.217	1.270	1.187	1.241	1.235	2.9

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF111324 SAS No.: BF111324 SDG No.: BF111324
Instrument ID: _____ Calibration Date(s): 11/13/2024
Calibration Time(s): 09:01

LAB FILE ID:		RRF2.5 = BF140332.D			RRF005 = BF140333.D		RRF010 = BF140334.D	
		RRF020 = BF140335.D			RRF050 = BF140337.D		RRF060 = BF140338.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF050	RRF060	RRF	% RSD
Benzo(b)fluoranthene		1.405	1.352	1.471	1.235	1.233	1.308	7.8
Benzo(b)fluoranthene		1.405	1.352	1.471	1.235	1.233	1.308	7.8
Benzo(k)fluoranthene		1.286	1.241	1.120	0.952	0.935	1.069	14.5
Benzo(k)fluoranthene		1.286	1.241	1.120	0.952	0.935	1.069	14.5
Benzo(a)pyrene		1.100	1.053	1.054	0.970	0.980	1.016	5.4
Benzo(a)pyrene		1.100	1.053	1.054	0.970	0.980	1.016	5.4
Indeno(1,2,3-cd)pyrene		1.116	1.150	1.138	1.316	1.354	1.235	8.0
Indeno(1,2,3-cd)pyrene		1.116	1.150	1.138	1.316	1.354	1.235	8.0
Dibenzo(a,h)anthracene		0.941	0.952	0.944	1.074	1.121	1.021	7.3
Dibenzo(a,h)anthracene		0.941	0.952	0.944	1.074	1.121	1.021	7.3
Benzo(g,h,i)perylene		0.941	0.963	0.954	1.122	1.146	1.044	8.5
Benzo(g,h,i)perylene		0.941	0.963	0.954	1.122	1.146	1.044	8.5
1,2,4,5-Tetrachlorobenzene		0.646	0.585	0.583	0.524	0.517	0.553	9.8
1,2,4,5-Tetrachlorobenzene		0.646	0.585	0.583	0.524	0.517	0.553	9.8
1,4-Dioxane		0.582	0.546	0.530	0.495	0.506	0.522	6.5
1,4-Dioxane		0.582	0.546	0.530	0.495	0.506	0.522	6.5
2,3,4,6-Tetrachlorophenol		0.322	0.328	0.326	0.308	0.302	0.313	4.6
2,3,4,6-Tetrachlorophenol		0.322	0.328	0.326	0.308	0.302	0.313	4.6
1-Methylnaphthalene		0.734	0.696	0.673	0.589	0.592	0.637	10.4
1-Methylnaphthalene		0.734	0.696	0.673	0.589	0.592	0.637	10.4

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.: BF111524 SAS No.: BF111524 SDG NO.: BF111524

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 15 2024 12:00AM

Lab File ID: BF140336.D Time Analyzed: 10:08

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	148463	6.881	586279	8.16	331728	9.92
	UPPER LIMIT	296926	7.381	1172558	8.657	663456	10.416
	LOWER LIMIT	74231.5	6.381	293139.5	7.657	165864	9.416
	EPA SAMPLE NO.						
01	PB164789BL	139459	6.88	521031	8.16	292158	9.91
02	PB164789BS	137404	6.88	514072	8.16	287836	9.92
03	PB164886BS	150149	6.88	576878	8.16	316651	9.92
04	WC-TA2-02-C	126128	6.88	478686	8.16	258727	9.91
05	WC-TA2-02-CMS	128310	6.88	473415	8.16	258557	9.92
06	WC-TA2-02-CMSD	124830	6.88	475981	8.16	260069	9.92
07	WC-TA2-03-C	117399	6.88	435226	8.16	234558	9.91
08	WC-TA1-01-C	127141	6.88	473766	8.16	259206	9.91
09	WC-TA1-02-C	127725	6.88	475585	8.16	257897	9.91
10	WC-TA1-03-C	128785	6.88	471629	8.16	256063	9.91
11	TP-7	133072	6.88	498664	8.15	269319	9.91
12	BF-F14	125900	6.88	470836	8.15	258852	9.91
13	BF-F13	118192	6.88	439775	8.15	235073	9.91
14	TP-6	130660	6.88	484036	8.15	266243	9.91
15	MH-5	130831	6.88	492550	8.15	266760	9.91
16	TP-6	122929	6.88	464126	8.15	253140	9.91
17	BF-F13	132804	6.88	491622	8.15	262899	9.91
18	T3-STONE	125191	6.88	443932	8.15	175809	9.91
19	345-2-STONE	135820	6.88	503744	8.16	256309	9.91
20	MH-6DL	140528	6.88	510006	8.16	249929	9.91
21	STOCK-PILE	129069	6.88	478102	8.16	233385	9.91
22	MH-5	133610	6.88	486852	8.16	223509	9.91
23	OR-03-11142024	127042	6.88	451189	8.16	210152	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF111524 SAS No.: BF111524 SDG NO.: BF111524

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 15 2024 12:00AM

Lab File ID: BF140336.D Time Analyzed: 20:17

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	148463	6.881	586279	8.16	331728	9.92
UPPER LIMIT	296926	7.381	1172558	8.657	663456	10.416
LOWER LIMIT	74231.5	6.381	293139.5	7.657	165864	9.416
EPA SAMPLE NO.						
24 OK-02-11142024	127176	6.88	459487	8.16	213467	9.91

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.: BF111524 SAS No.: BF111524 SDG NO.: BF111524

EPA Sample No.: SSTDICCC040

Date Analyzed: Nov 15 2024 12:00AM

Lab File ID: BF140340.D

Time Analyzed: 10:08

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	147186	6.875	589077	8.16	334544	9.92
	UPPER LIMIT	294372	7.375	1178154	8.657	669088	10.416
	LOWER LIMIT	73593	6.375	294538.5	7.657	167272	9.416
	EPA SAMPLE NO.						
01	PB164789BL	139459	6.88	521031	8.16	292158	9.91
02	PB164789BS	137404	6.88	514072	8.16	287836	9.92
03	PB164886BS	150149	6.88	576878	8.16	316651	9.92
04	WC-TA2-02-C	126128	6.88	478686	8.16	258727	9.91
05	WC-TA2-02-CMS	128310	6.88	473415	8.16	258557	9.92
06	WC-TA2-02-CMSD	124830	6.88	475981	8.16	260069	9.92
07	WC-TA2-03-C	117399	6.88	435226	8.16	234558	9.91
08	WC-TA1-01-C	127141	6.88	473766	8.16	259206	9.91
09	WC-TA1-02-C	127725	6.88	475585	8.16	257897	9.91
10	WC-TA1-03-C	128785	6.88	471629	8.16	256063	9.91
11	TP-7	133072	6.88	498664	8.15	269319	9.91
12	BF-F14	125900	6.88	470836	8.15	258852	9.91
13	BF-F13	118192	6.88	439775	8.15	235073	9.91
14	TP-6	130660	6.88	484036	8.15	266243	9.91
15	MH-5	130831	6.88	492550	8.15	266760	9.91
16	TP-6	122929	6.88	464126	8.15	253140	9.91
17	BF-F13	132804	6.88	491622	8.15	262899	9.91
18	T3-STONE	125191	6.88	443932	8.15	175809	9.91
19	345-2-STONE	135820	6.88	503744	8.16	256309	9.91
20	MH-6DL	140528	6.88	510006	8.16	249929	9.91
21	STOCK-PILE	129069	6.88	478102	8.16	233385	9.91
22	MH-5	133610	6.88	486852	8.16	223509	9.91
23	OR-03-11142024	127042	6.88	451189	8.16	210152	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF111524 SAS No.: BF111524 SDG NO.: BF111524

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 15 2024 12:00AM

Lab File ID: BF140340.D Time Analyzed: 20:17

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	147186	6.875	589077	8.16	334544	9.92
UPPER LIMIT	294372	7.375	1178154	8.657	669088	10.416
LOWER LIMIT	73593	6.375	294538.5	7.657	167272	9.416
EPA SAMPLE NO.						
24 OK-02-11142024	127176	6.88	459487	8.16	213467	9.91

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.: BF111524 SAS No.: BF111524 SDG NO.: BF111524

EPA Sample No.: SSTDCCC040

Date Analyzed: Nov 15 2024 12:00AM

Lab File ID: BF140391.D

Time Analyzed: 10:08

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	137586	6.881	510501	8.16	282269	9.92
	UPPER LIMIT	275172	7.381	1021002	8.657	564538	10.416
	LOWER LIMIT	68793	6.381	255250.5	7.657	141134.5	9.416
	EPA SAMPLE NO.						
01	PB164789BL	139459	6.88	521031	8.16	292158	9.91
02	PB164789BS	137404	6.88	514072	8.16	287836	9.92
03	PB164886BS	150149	6.88	576878	8.16	316651	9.92
04	WC-TA2-02-C	126128	6.88	478686	8.16	258727	9.91
05	WC-TA2-02-CMS	128310	6.88	473415	8.16	258557	9.92
06	WC-TA2-02-CMSD	124830	6.88	475981	8.16	260069	9.92
07	WC-TA2-03-C	117399	6.88	435226	8.16	234558	9.91
08	WC-TA1-01-C	127141	6.88	473766	8.16	259206	9.91
09	WC-TA1-02-C	127725	6.88	475585	8.16	257897	9.91
10	WC-TA1-03-C	128785	6.88	471629	8.16	256063	9.91
11	TP-7	133072	6.88	498664	8.15	269319	9.91
12	BF-F14	125900	6.88	470836	8.15	258852	9.91
13	BF-F13	118192	6.88	439775	8.15	235073	9.91
14	TP-6	130660	6.88	484036	8.15	266243	9.91
15	MH-5	130831	6.88	492550	8.15	266760	9.91
16	TP-6	122929	6.88	464126	8.15	253140	9.91
17	BF-F13	132804	6.88	491622	8.15	262899	9.91
18	T3-STONE	125191	6.88	443932	8.15	175809	9.91
19	345-2-STONE	135820	6.88	503744	8.16	256309	9.91
20	MH-6DL	140528	6.88	510006	8.16	249929	9.91
21	STOCK-PILE	129069	6.88	478102	8.16	233385	9.91
22	MH-5	133610	6.88	486852	8.16	223509	9.91
23	OR-03-11142024	127042	6.88	451189	8.16	210152	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF111524 SAS No.: BF111524 SDG NO.: BF111524

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 15 2024 12:00AM

Lab File ID: BF140391.D Time Analyzed: 20:17

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	137586	6.881	510501	8.16	282269	9.92
UPPER LIMIT	275172	7.381	1021002	8.657	564538	10.416
LOWER LIMIT	68793	6.381	255250.5	7.657	141134.5	9.416
EPA SAMPLE NO.						
24 OK-02-11142024	127176	6.88	459487	8.16	213467	9.91

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.: BF111524 SAS No.: BF111524 SDG NO.: BF111524

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 15 2024 12:00AM

Lab File ID: BF140336.D Time Analyzed: 10:08

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	632223	11.404	388943	14.051	311863	15.557
	UPPER LIMIT	1264446	11.904	777886	14.551	623726	16.057
	LOWER LIMIT	316111.5	10.904	194471.5	13.551	155931.5	15.057
	EPA SAMPLE NO.						
01	PB164789BL	556998	11.40	390196	14.06	333601	15.58
02	PB164789BS	536724	11.40	317210	14.07	291377	15.60
03	PB164886BS	599000	11.40	344150	14.07	315700	15.58
04	WC-TA2-02-C	489102	11.40	278626	14.06	287340	15.59
05	WC-TA2-02-CMS	469954	11.40	243203	14.06	274861	15.56
06	WC-TA2-02-CMSD	490438	11.40	255642	14.06	281681	15.57
07	WC-TA2-03-C	431505	11.40	249173	14.05	204971	15.56
08	WC-TA1-01-C	478884	11.40	265821	14.05	271820	15.56
09	WC-TA1-02-C	475367	11.40	266960	14.06	271374	15.57
10	WC-TA1-03-C	474276	11.40	262792	14.06	270502	15.58
11	TP-7	498263	11.40	271161	14.06	273852	15.57
12	BF-F14	480380	11.40	259670	14.06	259498	15.59
13	BF-F13	442600	11.40	265852	14.06	260966	15.59
14	TP-6	489759	11.40	272466	14.05	274318	15.57
15	MH-5	485244	11.40	267305	14.05	269169	15.55
16	TP-6	470612	11.40	255758	14.06	269300	15.57
17	BF-F13	482531	11.40	256405	14.06	276829	15.57
18	T3-STONE	200568 *	11.43	196853	14.09	171131	15.57
19	345-2-STONE	326036	11.40	251700	14.06	234692	15.56
20	MH-6DL	369589	11.40	246923	14.06	188005	15.56
21	STOCK-PILE	356209	11.40	239540	14.05	178673	15.55

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF111524 SAS No.: BF111524 SDG NO.: BF111524

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 15 2024 12:00AM

Lab File ID: BF140336.D Time Analyzed: 19:25

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	632223	11.404	388943	14.051	311863	15.557
UPPER LIMIT	1264446	11.904	777886	14.551	623726	16.057
LOWER LIMIT	316111.5	10.904	194471.5	13.551	155931.5	15.057
EPA SAMPLE NO.						
22 MH-5	343324	11.40	227474	14.05	169950	15.55
23 OR-03-11142024	324870	11.40	217441	14.05	159028	15.53
24 OK-02-11142024	336309	11.40	219512	14.05	161318	15.53

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.: BF111524 SAS No.: BF111524 SDG NO.: BF111524

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 15 2024 12:00AM

Lab File ID: BF140340.D Time Analyzed: 10:08

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	628587	11.404	385940	14.063	322417	15.58
	UPPER LIMIT	1257174	11.904	771880	14.563	644834	16.08
	LOWER LIMIT	314293.5	10.904	192970	13.563	161208.5	15.08
	EPA SAMPLE NO.						
01	PB164789BL	556998	11.40	390196	14.06	333601	15.58
02	PB164789BS	536724	11.40	317210	14.07	291377	15.60
03	PB164886BS	599000	11.40	344150	14.07	315700	15.58
04	WC-TA2-02-C	489102	11.40	278626	14.06	287340	15.59
05	WC-TA2-02-CMS	469954	11.40	243203	14.06	274861	15.56
06	WC-TA2-02-CMSD	490438	11.40	255642	14.06	281681	15.57
07	WC-TA2-03-C	431505	11.40	249173	14.05	204971	15.56
08	WC-TA1-01-C	478884	11.40	265821	14.05	271820	15.56
09	WC-TA1-02-C	475367	11.40	266960	14.06	271374	15.57
10	WC-TA1-03-C	474276	11.40	262792	14.06	270502	15.58
11	TP-7	498263	11.40	271161	14.06	273852	15.57
12	BF-F14	480380	11.40	259670	14.06	259498	15.59
13	BF-F13	442600	11.40	265852	14.06	260966	15.59
14	TP-6	489759	11.40	272466	14.05	274318	15.57
15	MH-5	485244	11.40	267305	14.05	269169	15.55
16	TP-6	470612	11.40	255758	14.06	269300	15.57
17	BF-F13	482531	11.40	256405	14.06	276829	15.57
18	T3-STONE	200568 *	11.43	196853	14.09	171131	15.57
19	345-2-STONE	326036	11.40	251700	14.06	234692	15.56
20	MH-6DL	369589	11.40	246923	14.06	188005	15.56
21	STOCK-PILE	356209	11.40	239540	14.05	178673	15.55

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF111524 SAS No.: BF111524 SDG NO.: BF111524

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 15 2024 12:00AM

Lab File ID: BF140340.D Time Analyzed: 19:25

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	628587	11.404	385940	14.063	322417	15.58
UPPER LIMIT	1257174	11.904	771880	14.563	644834	16.08
LOWER LIMIT	314293.5	10.904	192970	13.563	161208.5	15.08
EPA SAMPLE NO.						
22 MH-5	343324	11.40	227474	14.05	169950	15.55
23 OR-03-11142024	324870	11.40	217441	14.05	159028 *	15.53
24 OK-02-11142024	336309	11.40	219512	14.05	161318	15.53

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.: BF111524 SAS No.: BF111524 SDG NO.: BF111524

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 15 2024 12:00AM

Lab File ID: BF140391.D Time Analyzed: 10:08

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	532450	11.404	316907	14.063	286665	15.574
	UPPER LIMIT	1064900	11.904	633814	14.563	573330	16.074
	LOWER LIMIT	266225	10.904	158453.5	13.563	143332.5	15.074
	EPA SAMPLE NO.						
01	PB164789BL	556998	11.40	390196	14.06	333601	15.58
02	PB164789BS	536724	11.40	317210	14.07	291377	15.60
03	PB164886BS	599000	11.40	344150	14.07	315700	15.58
04	WC-TA2-02-C	489102	11.40	278626	14.06	287340	15.59
05	WC-TA2-02-CMS	469954	11.40	243203	14.06	274861	15.56
06	WC-TA2-02-CMSD	490438	11.40	255642	14.06	281681	15.57
07	WC-TA2-03-C	431505	11.40	249173	14.05	204971	15.56
08	WC-TA1-01-C	478884	11.40	265821	14.05	271820	15.56
09	WC-TA1-02-C	475367	11.40	266960	14.06	271374	15.57
10	WC-TA1-03-C	474276	11.40	262792	14.06	270502	15.58
11	TP-7	498263	11.40	271161	14.06	273852	15.57
12	BF-F14	480380	11.40	259670	14.06	259498	15.59
13	BF-F13	442600	11.40	265852	14.06	260966	15.59
14	TP-6	489759	11.40	272466	14.05	274318	15.57
15	MH-5	485244	11.40	267305	14.05	269169	15.55
16	TP-6	470612	11.40	255758	14.06	269300	15.57
17	BF-F13	482531	11.40	256405	14.06	276829	15.57
18	T3-STONE	200568 *	11.43	196853	14.09	171131	15.57
19	345-2-STONE	326036	11.40	251700	14.06	234692	15.56
20	MH-6DL	369589	11.40	246923	14.06	188005	15.56
21	STOCK-PILE	356209	11.40	239540	14.05	178673	15.55

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF111524 SAS No.: BF111524 SDG NO.: BF111524

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 15 2024 12:00AM

Lab File ID: BF140391.D Time Analyzed: 19:25

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	532450	11.404	316907	14.063	286665	15.574
UPPER LIMIT	1064900	11.904	633814	14.563	573330	16.074
LOWER LIMIT	266225	10.904	158453.5	13.563	143332.5	15.074
EPA SAMPLE NO.						
22 MH-5	343324	11.40	227474	14.05	169950	15.55
23 OR-03-11142024	324870	11.40	217441	14.05	159028	15.53
24 OK-02-11142024	336309	11.40	219512	14.05	161318	15.53

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.: **BF111524**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB164789BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1300	ug/Kg	76				28	98	
	Benzaldehyde	1700	190	ug/Kg	11				10	133	
	Aniline	1700	1500	ug/Kg	88				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	1400	ug/Kg	82				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	1400	ug/Kg	82				42	116	
	2-Methylphenol	1700	1400	ug/Kg	82				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1400	ug/Kg	82				66	98	
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1500	ug/Kg	88				61	111	
	2,4-Dimethylphenol	1700	1800	ug/Kg	106				46	141	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				66	97	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	1,2,4-Trichlorobenzene	1700	1300	ug/Kg	76				44	110	
	Benzoic acid	1700	1400	ug/Kg	82				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	1300	ug/Kg	76				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	5400	ug/Kg	164				45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101	
	Dimethylphthalate	1700	1400	ug/Kg	82				61	99	
	Acenaphthylene	1700	1500	ug/Kg	88				63	101	
	2,6-Dinitrotoluene	1700	1400	ug/Kg	82				61	104	
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	Total PAH	27200	23800	ug/Kg	88				57	104	
	2,4-Dinitrophenol	3300	3200	ug/Kg	97				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF111524**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164789BS	4-Nitrophenol	3300	3000	ug/Kg	91				48	119		
	Dibenzofuran	1700	1400	ug/Kg	82				63	99		
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106		
	2,4-Dinitrotoluene/2,6-Dinitrotol	3400	2900	ug/Kg	85				60	106		
	Diethylphthalate	1700	1400	ug/Kg	82				60	101		
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98		
	Fluorene	1700	1400	ug/Kg	82				61	101		
	4-Nitroaniline	1700	1500	ug/Kg	88				64	103		
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113		
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99		
	Azobenzene	1700	1400	ug/Kg	82				54	103		
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				66	102		
	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98		
	Atrazine	1700	1100	ug/Kg	65				47	152		
	Pentachlorophenol	3300	2700	ug/Kg	82				67	105		
	Phenanthrene	1700	1500	ug/Kg	88				59	103		
	Anthracene	1700	1500	ug/Kg	88				61	105		
	Carbazole	1700	1500	ug/Kg	88				61	99		
	Di-n-butylphthalate	1700	1400	ug/Kg	82				58	104		
	Fluoranthene	1700	1400	ug/Kg	82				57	107		
	Benzidine	3300	580	ug/Kg	18				10	98		
	Pyrene	1700	1500	ug/Kg	88				59	103		
	Butylbenzylphthalate	1700	1500	ug/Kg	88				55	103		
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91		
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102		
	Chrysene	1700	1500	ug/Kg	88				59	101		
	bis(2-Ethylhexyl)phthalate	1700	1400	ug/Kg	82				54	135		
	Di-n-octyl phthalate	1700	1400	ug/Kg	82				52	137		
	Benzo(b)fluoranthene	1700	1400	ug/Kg	82				62	109		
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				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	1500	ug/Kg	88				61	112		
	Benzo(g,h,i)perylene	1700	1400	ug/Kg	82				70	108		
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101		
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96		
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108		
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF111524**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB164886BS	n-Nitrosodimethylamine	50	42.9	ug/L	86				55	108	
	Pyridine	50	38.1	ug/L	76				29	97	
	Benzaldehyde	50	0	ug/L	0		*		10	162	
	Aniline	50	39.6	ug/L	79				10	130	
	Phenol	50	40.9	ug/L	82				66	118	
	bis(2-Chloroethyl)ether	50	43.2	ug/L	86				62	103	
	2-Chlorophenol	50	44.2	ug/L	88				70	117	
	1,2-Dichlorobenzene	50	42.2	ug/L	84				72	102	
	1,3-Dichlorobenzene	50	41	ug/L	82				71	103	
	1,4-Dichlorobenzene	50	41.2	ug/L	82				76	103	
	Benzyl Alcohol	50	43.7	ug/L	87				36	93	
	2-Methylphenol	50	42.1	ug/L	84				69	109	
	2,2-oxybis(1-Chloropropane)	50	41	ug/L	82				65	100	
	Acetophenone	50	41.8	ug/L	84				60	104	
	3+4-Methylphenols	50	42.5	ug/L	85				67	106	
	N-Nitroso-di-n-propylamine	50	41.1	ug/L	82				57	107	
	Hexachloroethane	50	42	ug/L	84				76	118	
	Nitrobenzene	50	40.3	ug/L	81				58	106	
	Isophorone	50	41.5	ug/L	83				61	102	
	2-Nitrophenol	50	43.7	ug/L	87				70	115	
	2,4-Dimethylphenol	50	50.9	ug/L	102				42	142	
	bis(2-Chloroethoxy)methane	50	40.8	ug/L	82				58	109	
	2,4-Dichlorophenol	50	42.7	ug/L	85				66	115	
	1,2,4-Trichlorobenzene	50	40	ug/L	80				41	115	
	Benzoic acid	50	43.2	ug/L	86				10	125	
	Naphthalene	50	41.2	ug/L	82				64	107	
	4-Chloroaniline	50	31.3	ug/L	63				10	85	
	Hexachlorobutadiene	50	40.5	ug/L	81				69	101	
	Caprolactam	50	44.2	ug/L	88				58	128	
	4-Chloro-3-methylphenol	50	42.7	ug/L	85				65	114	
	2-Methylnaphthalene	50	41.5	ug/L	83				64	107	
	Hexachlorocyclopentadiene	100	170	ug/L	170		*		36	160	
	2,4,6-Trichlorophenol	50	43	ug/L	86				61	110	
	2,4,5-Trichlorophenol	50	42.3	ug/L	85				70	106	
	1,1-Biphenyl	50	41.2	ug/L	82				72	98	
	2-Chloronaphthalene	50	41	ug/L	82				59	106	
	2-Nitroaniline	50	44.4	ug/L	89				73	114	
	Dimethylphthalate	50	42.8	ug/L	86				64	103	
	Acenaphthylene	50	45	ug/L	90				79	103	
	2,6-Dinitrotoluene	50	41.5	ug/L	83				64	110	
	3-Nitroaniline	50	33	ug/L	66				28	100	
	Acenaphthene	50	48.4	ug/L	97				59	113	
	Total PAH	800	709.3	ug/L	89				59	113	
	2,4-Dinitrophenol	100	96.7	ug/L	97				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF111524**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164886BS	4-Nitrophenol	100	89.1	ug/L	89				45	147	
	Dibenzofuran	50	43.3	ug/L	87				65	106	
	2,4-Dinitrotoluene	50	44.1	ug/L	88				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotr	100	85.6	ug/L	86				60	115	
	Diethylphthalate	50	42.3	ug/L	85				63	105	
	4-Chlorophenyl-phenylether	50	41.5	ug/L	83				61	104	
	Fluorene	50	42.1	ug/L	84				64	107	
	4-Nitroaniline	50	43.7	ug/L	87				55	125	
	4,6-Dinitro-2-methylphenol	50	49	ug/L	98				62	132	
	N-Nitrosodiphenylamine	50	43.7	ug/L	87				61	109	
	Azobenzene	50	42.1	ug/L	84				59	106	
	4-Bromophenyl-phenylether	50	42.1	ug/L	84				73	103	
	Hexachlorobenzene	50	42.3	ug/L	85				73	106	
	Atrazine	50	35.1	ug/L	70		*		76	120	
	Pentachlorophenol	100	83.4	ug/L	83				47	114	
	Phenanthrene	50	43.7	ug/L	87				62	109	
	Anthracene	50	45.3	ug/L	91				65	110	
	Carbazole	50	43	ug/L	86				62	106	
	Di-n-butylphthalate	50	41.4	ug/L	83				64	106	
	Fluoranthene	50	42	ug/L	84				64	110	
	Benzidine	100	18.5	ug/L	19				10	94	
	Pyrene	50	46.1	ug/L	92				71	103	
	Butylbenzylphthalate	50	46.2	ug/L	92				61	105	
	3,3-Dichlorobenzidine	50	38.3	ug/L	77				43	108	
	Benzo(a)anthracene	50	45.8	ug/L	92				62	107	
	Chrysene	50	45	ug/L	90				61	108	
	bis(2-Ethylhexyl)phthalate	50	44.4	ug/L	89				59	110	
	Di-n-octyl phthalate	50	43.7	ug/L	87				52	139	
	Benzo(b)fluoranthene	50	38.5	ug/L	77				77	113	
	Benzo(k)fluoranthene	50	46.7	ug/L	93				77	105	
	Benzo(a)pyrene	50	46.7	ug/L	93				72	131	
	Indeno(1,2,3-cd)pyrene	50	46	ug/L	92				72	105	
	Dibenz(a,h)anthracene	50	45.3	ug/L	91				78	115	
	Benzo(g,h,i)perylene	50	41.5	ug/L	83				75	118	
	1,2,4,5-Tetrachlorobenzene	50	41.9	ug/L	84				72	101	
	1,4-Dioxane	50	36.8	ug/L	74				38	125	
	2,3,4,6-Tetrachlorophenol	50	46.8	ug/L	94				63	116	
	1-Methylnaphthalene	50	39	ug/L	78				51	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164789BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF111524

SAS No.: BF111524 SDG NO.: BF111524

Lab File ID: BF140392.D

Lab Sample ID: PB164789BL

Instrument ID: BNA_F

Date Extracted: 11/08/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/15/2024

Level: (low/med) LOW

Time Analyzed: 10:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164789BS	PB164789BS	BF140393.D	11/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164886BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF111524

SAS No.: BF111524 SDG NO.: BF111524

Lab File ID: BF140394.D

Lab Sample ID: PB164886BS

Instrument ID: BNA_F

Date Extracted: 11/10/2024

Matrix: (soil/water) Water

Date Analyzed: 11/15/2024

Level: (low/med) LOW

Time Analyzed: 11:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164886BS	PB164886BS	BF140394.D	11/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TP-6

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF111524

SAS No.: BF111524 SDG NO.: BF111524

Lab File ID: BF140407.D

Lab Sample ID: P4807-13

Instrument ID: BNA_F

Date Extracted: 11/12/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/15/2024

Level: (low/med) LOW

Time Analyzed: 16:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP-6	P4807-13	BF140407.D	11/15/2024
BF-F13	P4807-09	BF140408.D	11/15/2024
MH-5	P4809-01	BF140413.D	11/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

T3-STONE

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF111524

SAS No.: BF111524 SDG NO.: BF111524

Lab File ID: BF140409.D

Lab Sample ID: P4836-03

Instrument ID: BNA_F

Date Extracted: 11/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/15/2024

Level: (low/med) LOW

Time Analyzed: 17:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
T3-STONE	P4836-03	BF140409.D	11/15/2024
345-2-STONE	P4835-03	BF140410.D	11/15/2024
STOCK-PILE	P4825-01	BF140412.D	11/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WC-TA2-02-C

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF111524

SAS No.: BF111524 SDG NO.: BF111524

Lab File ID: BF140395.D

Lab Sample ID: P4799-03

Instrument ID: BNA_F

Date Extracted: 11/14/2024

Matrix: (soil/water) water

Date Analyzed: 11/15/2024

Level: (low/med) LOW

Time Analyzed: 11:33

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WC-TA2-02-C	P4799-03	BF140395.D	11/15/2024
WC-TA2-02-CMS	P4799-03MS	BF140396.D	11/15/2024
WC-TA2-02-CMSD	P4799-03MSD	BF140397.D	11/15/2024
WC-TA2-03-C	P4799-07	BF140398.D	11/15/2024
WC-TA1-01-C	P4799-11	BF140399.D	11/15/2024
WC-TA1-02-C	P4799-15	BF140400.D	11/15/2024
WC-TA1-03-C	P4799-19	BF140401.D	11/15/2024
TP-7	P4807-04	BF140402.D	11/15/2024
BF-F14	P4807-08	BF140403.D	11/15/2024
BF-F13	P4807-12	BF140404.D	11/15/2024
TP-6	P4807-16	BF140405.D	11/15/2024
MH-5	P4809-04	BF140406.D	11/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

OR-03-11142024

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF111524

SAS No.: BF111524 SDG NO.: BF111524

Lab File ID: BF140414.D

Lab Sample ID: P4850-01

Instrument ID: BNA_F

Date Extracted: 11/15/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/15/2024

Level: (low/med) LOW

Time Analyzed: 19:51

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
OR-03-11142024	P4850-01	BF140414.D	11/15/2024
OK-02-11142024	P4851-01	BF140415.D	11/15/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF111524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4799-03MS		Client Sample ID: WC-TA2-02-CMS		DataFile: BF140396.D							
n-Nitrosodimethylamine	500		390	ug/L	78				10	130	
Pyridine	500		260	ug/L	52				10	109	
Benzaldehyde	500		0	ug/L	0	*			10	137	
Aniline	500		190	ug/L	38				10	130	
Phenol	500		420	ug/L	84				10	130	
bis(2-Chloroethyl)ether	500		400	ug/L	80				29	141	
2-Chlorophenol	500		440	ug/L	88				23	127	
1,2-Dichlorobenzene	500		340	ug/L	68				61	114	
1,3-Dichlorobenzene	500		320	ug/L	64	*			65	106	
1,4-Dichlorobenzene	500		320	ug/L	64				55	125	
Benzyl Alcohol	500		460	ug/L	92				31	94	
2-Methylphenol	500		440	ug/L	88				37	126	
2,2-oxybis(1-Chloropropane)	500		370	ug/L	74				36	141	
Acetophenone	500		430	ug/L	86				31	164	
3+4-Methylphenols	500		470	ug/L	94				31	127	
N-Nitroso-di-n-propylamine	500		410	ug/L	82				36	147	
Hexachloroethane	500		310	ug/L	62				49	110	
Nitrobenzene	500		400	ug/L	80				62	112	
Isophorone	500		440	ug/L	88				39	146	
2-Nitrophenol	500		450	ug/L	90				30	148	
2,4-Dimethylphenol	500		560	ug/L	112				17	143	
bis(2-Chloroethoxy)methane	500		430	ug/L	86				39	143	
2,4-Dichlorophenol	500		470	ug/L	94				22	146	
1,2,4-Trichlorobenzene	500		380	ug/L	76				66	110	
Benzoic acid	500		500	ug/L	100				10	101	
Naphthalene	500	320	580	ug/L	52				17	157	
4-Chloroaniline	500		140	ug/L	28				10	95	
Hexachlorobutadiene	500		370	ug/L	74				52	125	
Caprolactam	500		440	ug/L	88				10	130	
4-Chloro-3-methylphenol	500		480	ug/L	96				17	148	
2-Methylnaphthalene	500	66.3	480	ug/L	83				38	146	
Hexachlorocyclopentadiene	1000		1300	ug/L	130				20	153	
2,4,6-Trichlorophenol	500		500	ug/L	100				78	112	
2,4,5-Trichlorophenol	500		490	ug/L	98				71	111	
1,1-Biphenyl	500		460	ug/L	92				38	154	
2-Chloronaphthalene	500		440	ug/L	88				41	145	
2-Nitroaniline	500		500	ug/L	100				39	151	
Dimethylphthalate	500		480	ug/L	96				42	147	
Acenaphthylene	500		500	ug/L	100				40	141	
2,6-Dinitrotoluene	500		460	ug/L	92				43	148	
3-Nitroaniline	500		270	ug/L	54				10	111	
Acenaphthene	500	130	570	ug/L	88				37	146	
Total PAH	8000	598.5	7830	ug/L	90				37	146	
2,4-Dinitrophenol	1000		750	ug/L	75				14	167	
4-Nitrophenol	1000		960	ug/L	96				10	130	
Dibenzofuran	500		490	ug/L	98				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF111524

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500	57.9	480	ug/L	96				50	142	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		940	ug/L	94				50	142	
Diethylphthalate	500		460	ug/L	92				41	148	
4-Chlorophenyl-phenylether	500		460	ug/L	92				38	149	
Fluorene	500		500	ug/L	88				39	144	
4-Nitroaniline	500	90.6	440	ug/L	88				27	138	
4,6-Dinitro-2-methylphenol	500		420	ug/L	84				32	175	
N-Nitrosodiphenylamine	500		500	ug/L	100				40	150	
Azobenzene	500		460	ug/L	92				72	112	
4-Bromophenyl-phenylether	500		480	ug/L	96				42	151	
Hexachlorobenzene	500		480	ug/L	96				72	115	
Atrazine	500		510	ug/L	102				20	162	
Pentachlorophenol	1000		950	ug/L	95				25	139	
Phenanthrene	500		540	ug/L	90				40	147	
Anthracene	500		520	ug/L	104				41	146	
Carbazole	500	75.5	480	ug/L	96				37	154	
Di-n-butylphthalate	500		470	ug/L	94				40	151	
Fluoranthene	500		440	ug/L	88				42	146	
Benzidine	1000		95.7	ug/L	2	*			10	130	
Pyrene	500		520	ug/L	104				41	149	
Butylbenzylphthalate	500		520	ug/L	104				39	155	
3,3-Dichlorobenzidine	500		410	ug/L	82				10	114	
Benzo(a)anthracene	500		500	ug/L	100				41	147	
Chrysene	500		500	ug/L	100				44	144	
bis(2-Ethylhexyl)phthalate	500		510	ug/L	102				33	160	
Di-n-octyl phthalate	500	110	550	ug/L	110				36	158	
Benzo(b)fluoranthene	500		430	ug/L	86				40	150	
Benzo(k)fluoranthene	500		510	ug/L	102				40	147	
Benzo(a)pyrene	500		520	ug/L	104				42	147	
Indeno(1,2,3-cd)pyrene	500		420	ug/L	84				30	166	
Dibenz(a,h)anthracene	500		430	ug/L	86				23	172	
Benzo(g,h,i)perylene	500		350	ug/L	70				27	167	
1,2,4,5-Tetrachlorobenzene	500		440	ug/L	88	*			89	102	
1,4-Dioxane	500		330	ug/L	66				38	130	
2,3,4,6-Tetrachlorophenol	500		510	ug/L	102				91	111	
1-Methylnaphthalene	500		470	ug/L	72				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF111524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4799-03MSD		Client Sample ID: WC-TA2-02-CMSD		DataFile: BF140397.D							
n-Nitrosodimethylamine	500		400	ug/L	80		3		10	130	20
Pyridine	500		260	ug/L	52		0		10	109	20
Benzaldehyde	500		0	ug/L	0	*			10	137	20
Aniline	500		200	ug/L	40		5		10	130	20
Phenol	500		430	ug/L	86		2		10	130	20
bis(2-Chloroethyl)ether	500		410	ug/L	82		2		29	141	20
2-Chlorophenol	500		450	ug/L	90		2		23	127	20
1,2-Dichlorobenzene	500		350	ug/L	70		3		61	114	20
1,3-Dichlorobenzene	500		330	ug/L	66		3		65	106	20
1,4-Dichlorobenzene	500		340	ug/L	68		6		55	125	20
Benzyl Alcohol	500		460	ug/L	92		0		31	94	20
2-Methylphenol	500		450	ug/L	90		2		37	126	20
2,2-oxybis(1-Chloropropane)	500		380	ug/L	76		3		36	141	20
Acetophenone	500		430	ug/L	86		0		31	164	20
3+4-Methylphenols	500		480	ug/L	96		2		31	127	20
N-Nitroso-di-n-propylamine	500		430	ug/L	86		5		36	147	20
Hexachloroethane	500		320	ug/L	64		3		49	110	20
Nitrobenzene	500		400	ug/L	80		0		62	112	20
Isophorone	500		440	ug/L	88		0		39	146	20
2-Nitrophenol	500		440	ug/L	88		2		30	148	20
2,4-Dimethylphenol	500		550	ug/L	110		2		17	143	20
bis(2-Chloroethoxy)methane	500		430	ug/L	86		0		39	143	20
2,4-Dichlorophenol	500		470	ug/L	94		0		22	146	20
1,2,4-Trichlorobenzene	500		380	ug/L	76		0		66	110	20
Benzoic acid	500		510	ug/L	102	*	2		10	101	20
Naphthalene	500	320	580	ug/L	52		0		17	157	20
4-Chloroaniline	500		130	ug/L	26		7		10	95	20
Hexachlorobutadiene	500		360	ug/L	72		3		52	125	20
Caprolactam	500		450	ug/L	90		2		10	130	20
4-Chloro-3-methylphenol	500		490	ug/L	98		2		17	148	20
2-Methylnaphthalene	500	66.3	470	ug/L	81		2		38	146	20
Hexachlorocyclopentadiene	1000		1300	ug/L	130		0		20	153	20
2,4,6-Trichlorophenol	500		490	ug/L	98		2		78	112	20
2,4,5-Trichlorophenol	500		480	ug/L	96		2		71	111	20
1,1-Biphenyl	500		460	ug/L	92		0		38	154	20
2-Chloronaphthalene	500		450	ug/L	90		2		41	145	20
2-Nitroaniline	500		500	ug/L	100		0		39	151	20
Dimethylphthalate	500		490	ug/L	98		2		42	147	20
Acenaphthylene	500		500	ug/L	100		0		40	141	20
2,6-Dinitrotoluene	500		470	ug/L	94		2		43	148	20
3-Nitroaniline	500		270	ug/L	54		0		10	111	20
Acenaphthene	500	130	580	ug/L	90		2		37	146	20
Total PAH	8000	598.5	7820	ug/L	90		0		37	146	20
2,4-Dinitrophenol	1000		770	ug/L	77		3		14	167	20
4-Nitrophenol	1000		970	ug/L	97		1		10	130	20
Dibenzofuran	500		480	ug/L	96		2		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF111524

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500	57.9	490	ug/L	98		2		50	142	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		960	ug/L	96		2		50	142	20
Diethylphthalate	500		480	ug/L	96		4		41	148	20
4-Chlorophenyl-phenylether	500		460	ug/L	92		0		38	149	20
Fluorene	500		500	ug/L	88		0		39	144	20
4-Nitroaniline	500		460	ug/L	92		4		27	138	20
4,6-Dinitro-2-methylphenol	500		420	ug/L	84		0		32	175	20
N-Nitrosodiphenylamine	500		490	ug/L	98		2		40	150	20
Azobenzene	500		470	ug/L	94		2		72	112	20
4-Bromophenyl-phenylether	500		470	ug/L	94		2		42	151	20
Hexachlorobenzene	500	90.6	470	ug/L	94		2		72	115	20
Atrazine	500		510	ug/L	102		0		20	162	20
Pentachlorophenol	1000		940	ug/L	94		1		25	139	20
Phenanthrene	500		530	ug/L	88		2		40	147	20
Anthracene	500		510	ug/L	102		2		41	146	20
Carbazole	500		470	ug/L	94		2		37	154	20
Di-n-butylphthalate	500		470	ug/L	94		0		40	151	20
Fluoranthene	500		430	ug/L	86		2		42	146	20
Benzidine	1000		74.2	ug/L	-0	*	200	*	10	130	20
Pyrene	500		510	ug/L	102		2		41	149	20
Butylbenzylphthalate	500	75.5	520	ug/L	104		0		39	155	20
3,3-Dichlorobenzidine	500		410	ug/L	82		0		10	114	20
Benzo(a)anthracene	500		510	ug/L	102		2		41	147	20
Chrysene	500		480	ug/L	96		4		44	144	20
bis(2-Ethylhexyl)phthalate	500		500	ug/L	100		2		33	160	20
Di-n-octyl phthalate	500		550	ug/L	110		0		36	158	20
Benzo(b)fluoranthene	500		450	ug/L	90		5		40	150	20
Benzo(k)fluoranthene	500		500	ug/L	100		2		40	147	20
Benzo(a)pyrene	500		530	ug/L	106		2		42	147	20
Indeno(1,2,3-cd)pyrene	500		430	ug/L	86		2		30	166	20
Dibenz(a,h)anthracene	500	110	430	ug/L	86		0		23	172	20
Benzo(g,h,i)perylene	500		350	ug/L	70		0		27	167	20
1,2,4,5-Tetrachlorobenzene	500		440	ug/L	88	*	0		89	102	20
1,4-Dioxane	500		340	ug/L	68		3		38	130	20
2,3,4,6-Tetrachlorophenol	500		510	ug/L	102		0		91	111	20
1-Methylnaphthalene	500		470	ug/L	72		0		25	151	20

Surrogate Summary

SW-846

SDG No.: **BF111524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164789BL	PB164789BL	BF140392.D	2-Fluorophenol	150	122.69	82		18	112
			Phenol-d6	150	117.96	79		15	107
			Nitrobenzene-d5	100	84.09	84		18	107
			2-Fluorobiphenyl	100	83.63	84		20	109
			2,4,6-Tribromophenol	150	120.91	81		10	116
			Terphenyl-d14	100	78.15	78		10	105
PB164789BS	PB164789BS	BF140393.D	2-Fluorophenol	150	123.03	82		18	112
			Phenol-d6	150	117.43	78		15	107
			Nitrobenzene-d5	100	84.79	85		18	107
			2-Fluorobiphenyl	100	83.67	84		20	109
			2,4,6-Tribromophenol	150	130.40	87		10	116
			Terphenyl-d14	100	92.26	92		10	105

Surrogate Summary

SW-846

SDG No.: BF111524

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4798-01DL	MH-6DL	BF140411.D	2-Fluorophenol	150	77.90	52		18	112
			Phenol-d6	150	76.89	51		15	107
			Nitrobenzene-d5	100	53.14	53		18	107
			2-Fluorobiphenyl	100	62.47	62		20	109
			2,4,6-Tribromophenol	150	59.59	40		10	116
			Terphenyl-d14	100	50.42	50		10	105

Surrogate Summary

SW-846

SDG No.: BF111524

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164886BS	PB164886BS	BF140394.D	2-Fluorophenol	150	123.21	82		10	139
			Phenol-d6	150	117.66	78		10	134
			Nitrobenzene-d5	100	84.13	84		49	133
			2-Fluorobiphenyl	100	82.20	82		52	132
			2,4,6-Tribromophenol	150	130.37	87		44	137
			Terphenyl-d14	100	93.21	93		48	125

Surrogate Summary

SW-846

SDG No.: **BF111524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4807-09	BF-F13	BF140408.D	2-Fluorophenol	150	76.22	51		18	112
			Phenol-d6	150	78.21	52		15	107
			Nitrobenzene-d5	100	50.05	50		18	107
			2-Fluorobiphenyl	100	55.46	55		20	109
			2,4,6-Tribromophenol	150	73.81	49		10	116
			Terphenyl-d14	100	55.81	56		10	105
P4807-13	TP-6	BF140407.D	2-Fluorophenol	150	85.55	57		18	112
			Phenol-d6	150	86.99	58		15	107
			Nitrobenzene-d5	100	59.26	59		18	107
			2-Fluorobiphenyl	100	62.62	63		20	109
			2,4,6-Tribromophenol	150	82.25	55		10	116
			Terphenyl-d14	100	63.46	63		10	105
P4809-01	MH-5	BF140413.D	2-Fluorophenol	150	70.93	47		18	112
			Phenol-d6	150	70.02	47		15	107
			Nitrobenzene-d5	100	48.35	48		18	107
			2-Fluorobiphenyl	100	66.66	67		20	109
			2,4,6-Tribromophenol	150	54.97	37		10	116
			Terphenyl-d14	100	54.36	54		10	105

Surrogate Summary

SW-846

SDG No.: **BF111524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4825-01	STOCK-PILE	BF140412.D	2-Fluorophenol	150	70.99	47		18	112
			Phenol-d6	150	67.90	45		15	107
			Nitrobenzene-d5	100	46.28	46		18	107
			2-Fluorobiphenyl	100	61.75	62		20	109
			2,4,6-Tribromophenol	150	52.96	35		10	116
			Terphenyl-d14	100	52.67	53		10	105
P4835-03	345-2-STONE	BF140410.D	2-Fluorophenol	150	80.12	53		18	112
			Phenol-d6	150	78.83	53		15	107
			Nitrobenzene-d5	100	56.78	57		18	107
			2-Fluorobiphenyl	100	64.60	65		20	109
			2,4,6-Tribromophenol	150	72.58	48		10	116
			Terphenyl-d14	100	48.46	48		10	105
P4836-03	T3-STONE	BF140409.D	2-Fluorophenol	150	87.09	58		18	112
			Phenol-d6	150	83.46	56		15	107
			Nitrobenzene-d5	100	58.53	59		18	107
			2-Fluorobiphenyl	100	77.99	78		20	109
			2,4,6-Tribromophenol	150	79.77	53		10	116
			Terphenyl-d14	100	51.68	52		10	105

Surrogate Summary

SW-846

SDG No.: **BF111524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4799-03	WC-TA2-02-C	BF140395.D	2-Fluorophenol	150	127.25	85		10	139
			Phenol-d6	150	121.82	81		10	134
			Nitrobenzene-d5	100	85.44	85		49	133
			2-Fluorobiphenyl	100	84.79	85		52	132
			2,4,6-Tribromophenol	150	141.13	94		44	137
			Terphenyl-d14	100	98.70	99		48	125
P4799-03MS	WC-TA2-02-CMS	BF140396.D	2-Fluorophenol	150	123.79	83		10	139
			Phenol-d6	150	122.21	81		10	134
			Nitrobenzene-d5	100	88.21	88		49	133
			2-Fluorobiphenyl	100	87.91	88		52	132
			2,4,6-Tribromophenol	150	135.81	91		44	137
			Terphenyl-d14	100	101.99	102		48	125
P4799-03MSD	WC-TA2-02-CMS	BF140397.D	2-Fluorophenol	150	126.77	85		10	139
			Phenol-d6	150	126.09	84		10	134
			Nitrobenzene-d5	100	88.32	88		49	133
			2-Fluorobiphenyl	100	87.75	88		52	132
			2,4,6-Tribromophenol	150	139.19	93		44	137
			Terphenyl-d14	100	100.23	100		48	125
P4799-07	WC-TA2-03-C	BF140398.D	2-Fluorophenol	150	127.95	85		10	139
			Phenol-d6	150	122.48	82		10	134
			Nitrobenzene-d5	100	88.55	89		49	133
			2-Fluorobiphenyl	100	89.39	89		52	132
			2,4,6-Tribromophenol	150	139.98	93		44	137
			Terphenyl-d14	100	101.60	102		48	125
P4799-11	WC-TA1-01-C	BF140399.D	2-Fluorophenol	150	117.08	78		10	139
			Phenol-d6	150	108.35	72		10	134
			Nitrobenzene-d5	100	86.71	87		49	133
			2-Fluorobiphenyl	100	87.43	87		52	132
			2,4,6-Tribromophenol	150	133.61	89		44	137
			Terphenyl-d14	100	100.22	100		48	125
P4799-15	WC-TA1-02-C	BF140400.D	2-Fluorophenol	150	121.27	81		10	139
			Phenol-d6	150	111.49	74		10	134
			Nitrobenzene-d5	100	90.78	91		49	133
			2-Fluorobiphenyl	100	91.42	91		52	132
			2,4,6-Tribromophenol	150	133.80	89		44	137
			Terphenyl-d14	100	100.48	100		48	125
P4799-19	WC-TA1-03-C	BF140401.D	2-Fluorophenol	150	115.76	77		10	139
			Phenol-d6	150	110.31	74		10	134
			Nitrobenzene-d5	100	88.84	89		49	133
			2-Fluorobiphenyl	100	88.69	89		52	132
			2,4,6-Tribromophenol	150	132.56	88		44	137
			Terphenyl-d14	100	100.30	100		48	125
P4807-04	TP-7	BF140402.D	2-Fluorophenol	150	123.86	83		10	139
			Phenol-d6	150	120.08	80		10	134
			Nitrobenzene-d5	100	86.27	86		49	133
			2-Fluorobiphenyl	100	87.95	88		52	132
			2,4,6-Tribromophenol	150	130.63	87		44	137
			Terphenyl-d14	100	90.34	90		48	125
P4807-08	BF-F14	BF140403.D	2-Fluorophenol	150	129.28	86		10	139

Surrogate Summary

SW-846

SDG No.: **BF111524**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4807-08	BF-F14	BF140403.D	Phenol-d6	150	121.64	81		10	134
			Nitrobenzene-d5	100	90.94	91		49	133
			2-Fluorobiphenyl	100	89.10	89		52	132
			2,4,6-Tribromophenol	150	136.58	91		44	137
			Terphenyl-d14	100	101.88	102		48	125
P4807-12	BF-F13	BF140404.D	2-Fluorophenol	150	130.86	87		10	139
			Phenol-d6	150	123.84	83		10	134
			Nitrobenzene-d5	100	92.77	93		49	133
			2-Fluorobiphenyl	100	91.24	91		52	132
			2,4,6-Tribromophenol	150	139.92	93		44	137
P4807-16	TP-6	BF140405.D	Terphenyl-d14	100	97.08	97		48	125
			2-Fluorophenol	150	124.88	83		10	139
			Phenol-d6	150	116.45	78		10	134
			Nitrobenzene-d5	100	88.72	89		49	133
			2-Fluorobiphenyl	100	90.69	91		52	132
P4809-04	MH-5	BF140406.D	2,4,6-Tribromophenol	150	134.62	90		44	137
			Terphenyl-d14	100	99.25	99		48	125
			2-Fluorophenol	150	126.32	84		10	139
			Phenol-d6	150	120.47	80		10	134
			Nitrobenzene-d5	100	89.65	90		49	133
			2-Fluorobiphenyl	100	88.36	88		52	132
			2,4,6-Tribromophenol	150	134.90	90		44	137
			Terphenyl-d14	100	101.29	101		48	125

Surrogate Summary

SW-846

SDG No.: BF111524

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4850-01	OR-03-11142024	BF140414.D	2-Fluorophenol	150	94.15	63		18	112
			Phenol-d6	150	91.50	61		15	107
			Nitrobenzene-d5	100	66.74	67		18	107
			2-Fluorobiphenyl	100	84.89	85		20	109
			2,4,6-Tribromophenol	150	69.82	47		10	116
			Terphenyl-d14	100	73.37	73		10	105
P4851-01	OK-02-11142024	BF140415.D	2-Fluorophenol	150	77.21	51		18	112
			Phenol-d6	150	75.64	50		15	107
			Nitrobenzene-d5	100	50.20	50		18	107
			2-Fluorobiphenyl	100	69.77	70		20	109
			2,4,6-Tribromophenol	150	50.97	34		10	116
			Terphenyl-d14	100	61.63	62		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF111524

Lab Code: CHEM

SAS No.: BF111524

SDG NO.: BF111524

Lab File ID: BF140390.D

DFTPP Injection Date: 11/15/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:16

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	38.4
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	49
197	Less than 2.0% of mass 198	0.8
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	27.5
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	13.2
442	Greater than 50% of mass 198	83
443	15.0 - 24.0% of mass 442	15.9 (19.1) 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	BF140391.D	11/15/2024	09:42
PB164789BL	PB164789BL	BF140392.D	11/15/2024	10:08
PB164789BS	PB164789BS	BF140393.D	11/15/2024	10:34
PB164886BS	PB164886BS	BF140394.D	11/15/2024	11:00
WC-TA2-02-C	P4799-03	BF140395.D	11/15/2024	11:33
WC-TA2-02-CMS	P4799-03MS	BF140396.D	11/15/2024	11:59
WC-TA2-02-CMSD	P4799-03MSD	BF140397.D	11/15/2024	12:25
WC-TA2-03-C	P4799-07	BF140398.D	11/15/2024	12:52
WC-TA1-01-C	P4799-11	BF140399.D	11/15/2024	13:18
WC-TA1-02-C	P4799-15	BF140400.D	11/15/2024	13:44
WC-TA1-03-C	P4799-19	BF140401.D	11/15/2024	14:10
TP-7	P4807-04	BF140402.D	11/15/2024	14:36
BF-F14	P4807-08	BF140403.D	11/15/2024	15:02
BF-F13	P4807-12	BF140404.D	11/15/2024	15:29
TP-6	P4807-16	BF140405.D	11/15/2024	15:55
MH-5	P4809-04	BF140406.D	11/15/2024	16:21
TP-6	P4807-13	BF140407.D	11/15/2024	16:47
BF-F13	P4807-09	BF140408.D	11/15/2024	17:13

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF111524

Lab Code: CHEM

SAS No.: BF111524 SDG NO.: BF111524

Lab File ID: BF140390.D

DFTPP Injection Date: 11/15/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:16

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	38.4
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	49
197	Less than 2.0% of mass 198	0.8
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	27.5
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	13.2
442	Greater than 50% of mass 198	83
443	15.0 - 24.0% of mass 442	15.9 (19.1) 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
T3-STONE	P4836-03	BF140409.D	11/15/2024	17:40
345-2-STONE	P4835-03	BF140410.D	11/15/2024	18:06
MH-6DL	P4798-01DL	BF140411.D	11/15/2024	18:32
STOCK-PILE	P4825-01	BF140412.D	11/15/2024	18:58
MH-5	P4809-01	BF140413.D	11/15/2024	19:25
OR-03-11142024	P4850-01	BF140414.D	11/15/2024	19:51
OK-02-11142024	P4851-01	BF140415.D	11/15/2024	20:17