

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF110724 SAS No.: BF110724 SDG No.: BF110724

Instrument ID: BNA_F Calibration Date/Time: 11/7/2024 1:08:59

Lab File ID: BF140261.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	0.782	0.688		-12.02	
Pyridine	1.354	1.300		-3.988	
2-Fluorophenol	1.207	1.165		-3.48	
Benzaldehyde	0.956	0.810		-15.272	
Aniline	1.402	1.372		-2.14	
Phenol-d6	1.552	1.463		-5.735	
Phenol	1.649	1.561		-5.337	20.0
bis(2-Chloroethyl) ether	1.252	1.210		-3.355	
2-Chlorophenol	1.263	1.231		-2.534	
1,2-Dichlorobenzene	1.394	1.339		-3.945	
1,3-Dichlorobenzene	1.480	1.432		-3.243	
1,4-Dichlorobenzene	1.492	1.443		-3.284	20.0
Benzyl Alcohol	1.197	1.161		-3.008	
2-Methylphenol	1.053	1.018		-3.324	
2,2-oxybis(1-Chloropropane)	2.027	1.887		-6.907	
Acetophenone	0.496	0.470		-5.242	
3+4-Methylphenols	1.323	1.261		-4.686	
n-Nitroso-di-n-propylamine	0.990	0.931	0.050	-5.96	
Nitrobenzene-d5	0.402	0.382		-4.975	
Hexachloroethane	0.556	0.541		-2.698	
Nitrobenzene	0.422	0.399		-5.45	
Isophorone	0.693	0.666		-3.896	
2-Nitrophenol	0.168	0.177		5.357	20.0
2,4-Dimethylphenol	0.228	0.227		-0.439	
bis(2-Chloroethoxy) methane	0.415	0.403		-2.892	
2,4-Dichlorophenol	0.283	0.288		1.767	20.0
1,2,4-Trichlorobenzene	0.339	0.336		-0.885	
Benzoic acid	0.187	0.201		7.487	
Naphthalene	1.033	0.994		-3.775	
4-Chloroaniline	0.340	0.337		-0.882	
Hexachlorobutadiene	0.229	0.225		-1.747	20.0
Caprolactam	0.086	0.089		3.488	
4-Chloro-3-methylphenol	0.315	0.313		-0.635	20.0
2-Methylnaphthalene	0.674	0.656		-2.671	
Hexachlorocyclopentadiene	0.164	0.179	0.050	9.146	
2,4,6-Trichlorophenol	0.363	0.369		1.653	20.0
2-Fluorobiphenyl	1.253	1.179		-5.831	
2,4,5-Trichlorophenol	0.381	0.390		2.362	
1,1-Biphenyl	1.446	1.384		-4.288	

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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	1.088	1.060		-2.574	
2-Nitroaniline	0.364	0.353		-3.022	
Dimethylphthalate	1.232	1.219		-1.055	
Acenaphthylene	1.540	1.494		-2.987	
2,6-Dinitrotoluene	0.290	0.293		1.034	
3-Nitroaniline	0.273	0.272		-0.366	
Acenaphthene	1.093	1.068		-2.287	20.0
2,4-Dinitrophenol	0.120	0.130	0.050	8.333	
4-Nitrophenol	0.192	0.199	0.050	3.646	
Dibenzofuran	1.528	1.498		-1.963	
2,4-Dinitrotoluene	0.376	0.389		3.457	
Diethylphthalate	1.224	1.230		0.49	
4-Chlorophenyl-phenylether	0.613	0.600		-2.121	
Fluorene	1.216	1.168		-3.947	
4-Nitroaniline	0.271	0.275		1.476	
4,6-Dinitro-2-methylphenol	0.105	0.111		5.714	
n-Nitrosodiphenylamine	0.575	0.555		-3.478	20.0
Azobenzene	1.269	1.215		-4.255	
2,4,6-Tribromophenol	0.198	0.209		5.556	
4-Bromophenyl-phenylether	0.215	0.217		0.93	
Hexachlorobenzene	0.245	0.246		0.408	
Atrazine	0.157	0.164		4.459	
Pentachlorophenol	0.132	0.145		9.848	20.0
Phenanthrene	0.954	0.929		-2.621	
Anthracene	0.936	0.894		-4.487	
Carbazole	0.855	0.830		-2.924	
Di-n-butylphthalate	1.012	1.017		0.494	
Fluoranthene	0.998	0.976		-2.204	20.0
Benzidine	0.391	0.507		29.668	
Pyrene	1.651	1.654		0.182	
Terphenyl-d14	1.221	1.218		-0.246	
Butylbenzylphthalate	0.595	0.651		9.412	
3,3-Dichlorobenzidine	0.403	0.401		-0.496	
Benzo(a)anthracene	1.284	1.263		-1.636	
Chrysene	1.202	1.168		-2.829	
Bis(2-ethylhexyl)phthalate	0.833	0.864		3.721	
Di-n-octyl phthalate	1.254	1.310		4.466	20.0
Benzo(b)fluoranthene	1.210	1.159		-4.215	
Benzo(k)fluoranthene	1.110	1.122		1.081	

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Instrument ID: BNA_F Calibration Date/Time: 11/7/2024 1:08:59

Lab File ID: BF140261.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	0.997	0.992		-0.502	20.0
Indeno(1,2,3-cd)pyrene	1.174	1.165		-0.767	
Dibenzo(a,h)anthracene	0.966	0.952		-1.449	
Benzo(g,h,i)perylene	0.985	0.966		-1.929	
1,2,4,5-Tetrachlorobenzene	0.586	0.573		-2.218	
1,4-Dioxane	0.555	0.516		-7.027	20.0
2,3,4,6-Tetrachlorophenol	0.313	0.327		4.473	
1-Methylnaphthalene	0.661	0.639		-3.328	

All other compounds must meet a minimum RRF of 0.010.

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:	PB164702BL	SDG No.:	BF110724
Lab Sample ID:	PB164702BL	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
BF140262.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

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:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	PB164702BL	SDG No.:	BF110724
Lab Sample ID:	PB164702BL	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
BF140262.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

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:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	PB164702BL	SDG No.:	BF110724
Lab Sample ID:	PB164702BL	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
BF140262.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

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	136.619		18-112		91	SPK: -150
13127-88-3	Phenol-d6	133.783		15-107		89	SPK: -150
4165-60-0	Nitrobenzene-d5	91.029		18-107		91	SPK: -100
321-60-8	2-Fluorobiphenyl	91.144		20-109		91	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:	PB164702BL	SDG No.:	BF110724
Lab Sample ID:	PB164702BL	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
BF140262.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	151.82		10-116		101	SPK: -150
1718-51-0	Terphenyl-d14	100.656		10-105		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	166392	6.875				
1146-65-2	Naphthalene-d8	650819	8.157				
15067-26-2	Acenaphthene-d10	391148	9.916				
1517-22-2	Phenanthrene-d10	728833	11.404				
1719-03-5	Chrysene-d12	449594	14.057				
1520-96-3	Perylene-d12	367483	15.568				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	86.2	J			2.287	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	350	A			5.128	

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:	PB164702BS	SDG No.:	BF110724
Lab Sample ID:	PB164702BS	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
BF140263.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

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	330		180	270	330	ug/Kg
62-53-3	Aniline	1400		96.9	130	170	ug/Kg
108-95-2	Phenol	1500		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1500		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.8	130	170	ug/Kg
78-59-1	Isophorone	1600		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1700		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1900		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1500		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	730		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.3	130	170	ug/Kg

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:	PB164702BS	SDG No.:	BF110724
Lab Sample ID:	PB164702BS	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
BF140263.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1400		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	6600	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	960		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1700		81.1	130	170	ug/Kg
Total PAH	Total PAH	25700		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3100	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3500	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1600		84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3200		169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	1600		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		85.6	130	170	ug/Kg
86-73-7	Fluorene	1500		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1600		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		85	130	170	ug/Kg
1912-24-9	Atrazine	2100		91.4	130	170	ug/Kg

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:	PB164702BS	SDG No.:	BF110724
Lab Sample ID:	PB164702BS	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
BF140263.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3300	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1600		84	130	170	ug/Kg
120-12-7	Anthracene	1600		84.4	130	170	ug/Kg
86-74-8	Carbazole	1500		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1600		81.7	130	170	ug/Kg
92-87-5	Benzidine	1500		160	270	330	ug/Kg
129-00-0	Pyrene	1600		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.7	130	170	ug/Kg
218-01-9	Chrysene	1600		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1500		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	124.757		18-112		83	SPK: -150
13127-88-3	Phenol-d6	122.451		15-107		82	SPK: -150
4165-60-0	Nitrobenzene-d5	86.465		18-107		86	SPK: -100
321-60-8	2-Fluorobiphenyl	86.432		20-109		86	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:	PB164702BS	SDG No.:	BF110724
Lab Sample ID:	PB164702BS	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
BF140263.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	148.937		10-116		99	SPK: -150
1718-51-0	Terphenyl-d14	97.268		10-105		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	189444	6.881				
1146-65-2	Naphthalene-d8	717811	8.157				
15067-26-2	Acenaphthene-d10	420554	9.922				
1517-22-2	Phenanthrene-d10	766202	11.41				
1719-03-5	Chrysene-d12	449132	14.063				
1520-96-3	Perylene-d12	405153	15.563				

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:	BP-F3	SDG No.:	BF110724
Lab Sample ID:	P4701-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.3
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140264.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	62.2	U	62.2	190	240	ug/Kg
110-86-1	Pyridine	57.3	U	57.3	93.2	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	240	ug/Kg
62-53-3	Aniline	69.4	U	69.4	93.2	120	ug/Kg
108-95-2	Phenol	59.4	U	59.4	93.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	60	U	60	93.2	120	ug/Kg
95-57-8	2-Chlorophenol	59.8	U	59.8	93.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	60.6	U	60.6	93.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	61.6	U	61.6	93.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	62	U	62	93.2	120	ug/Kg
100-51-6	Benzyl Alcohol	59.5	U	59.5	190	240	ug/Kg
95-48-7	2-Methylphenol	57.8	U	57.8	93.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65.1	U	65.1	93.2	120	ug/Kg
98-86-2	Acetophenone	62.3	U	62.3	93.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	57.2	U	57.2	190	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.9	U	28.9	57.3	57.3	ug/Kg
67-72-1	Hexachloroethane	59.5	U	59.5	93.2	120	ug/Kg
98-95-3	Nitrobenzene	65.1	U	65.1	93.2	120	ug/Kg
78-59-1	Isophorone	60.6	U	60.6	93.2	120	ug/Kg
88-75-5	2-Nitrophenol	67.7	U	67.7	93.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	66.8	U	66.8	93.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	61.5	U	61.5	93.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	54.1	U	54.1	93.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	61.2	U	61.2	93.2	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	240	ug/Kg
91-20-3	Naphthalene	59.2	U	59.2	93.2	120	ug/Kg
106-47-8	4-Chloroaniline	59.2	U	59.2	93.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	59.7	U	59.7	93.2	120	ug/Kg

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:	BP-F3	SDG No.:	BF110724
Lab Sample ID:	P4701-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.3
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140264.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	62.2	U	62.2	190	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55.5	U	55.5	93.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	59.1	U	59.1	93.2	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51.2	U	51.2	93.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	93.2	120	ug/Kg
92-52-4	1,1-Biphenyl	62.6	U	62.6	93.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	59.7	U	59.7	93.2	120	ug/Kg
88-74-4	2-Nitroaniline	68.1	U	68.1	93.2	120	ug/Kg
131-11-3	Dimethylphthalate	58.6	U	58.6	93.2	120	ug/Kg
208-96-8	Acenaphthylene	62	U	62	93.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	59.6	U	59.6	93.2	120	ug/Kg
99-09-2	3-Nitroaniline	63.9	U	63.9	93.2	120	ug/Kg
83-32-9	Acenaphthene	58.1	U	58.1	93.2	120	ug/Kg
Total PAH	Total PAH	949.8	U	949.8	93.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	240	ug/Kg
100-02-7	4-Nitrophenol	83.1	U	83.1	190	240	ug/Kg
132-64-9	Dibenzofuran	60.5	U	60.5	93.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	121.4	U	121.4	93.2	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	61.8	U	61.8	93.2	120	ug/Kg
84-66-2	Diethylphthalate	57.4	U	57.4	93.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61.3	U	61.3	93.2	120	ug/Kg
86-73-7	Fluorene	61.3	U	61.3	93.2	120	ug/Kg
100-01-6	4-Nitroaniline	76.7	U	76.7	93.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	83.9	U	83.9	190	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	58.5	U	58.5	93.2	120	ug/Kg
103-33-3	Azobenzene	57	U	57	93.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56.5	U	56.5	93.2	120	ug/Kg
118-74-1	Hexachlorobenzene	60.9	U	60.9	93.2	120	ug/Kg
1912-24-9	Atrazine	65.5	U	65.5	93.2	120	ug/Kg

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:	BP-F3			SDG No.:	BF110724		
Lab Sample ID:	P4701-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	16.3		
Sample Wt/Vol:	50.01	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140264.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	55.4	U	55.4	190	240	ug/Kg
85-01-8	Phenanthrene	60.2	U	60.2	93.2	120	ug/Kg
120-12-7	Anthracene	60.5	U	60.5	93.2	120	ug/Kg
86-74-8	Carbazole	57.6	U	57.6	93.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	60.4	U	60.4	93.2	120	ug/Kg
206-44-0	Fluoranthene	58.6	U	58.6	93.2	120	ug/Kg
92-87-5	Benzidine	120	U	120	190	240	ug/Kg
129-00-0	Pyrene	59.5	U	59.5	93.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	69.4	U	69.4	93.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	70.7	U	70.7	190	240	ug/Kg
56-55-3	Benzo(a)anthracene	57.8	U	57.8	93.2	120	ug/Kg
218-01-9	Chrysene	57	U	57	93.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	65.2	U	65.2	93.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	78.8	U	78.8	190	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	58.1	U	58.1	93.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	59.2	U	59.2	93.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	66.7	U	66.7	93.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	56	U	56	93.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58.2	U	58.2	93.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57.4	U	57.4	93.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62.2	U	62.2	93.2	120	ug/Kg
123-91-1	1,4-Dioxane	78.8	U	78.8	93.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	53.5	U	53.5	93.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	59.6	U	59.6	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	97.452		18-112		65	SPK: -150
13127-88-3	Phenol-d6	97.059		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	64.419		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	63.578		20-109		64	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:	BP-F3	SDG No.:	BF110724
Lab Sample ID:	P4701-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.3
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140264.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	105.694		10-116		70	SPK: -150
1718-51-0	Terphenyl-d14	56.401		10-105		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	130248	6.875				
1146-65-2	Naphthalene-d8	505005	8.157				
15067-26-2	Acenaphthene-d10	290091	9.916				
1517-22-2	Phenanthrene-d10	527573	11.404				
1719-03-5	Chrysene-d12	344724	14.062				
1520-96-3	Perylene-d12	298115	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.169	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			5.098	
000119-61-9	Benzophenone	130	J			10.627	
000630-02-4	Octacosane	140	J			11.545	
000057-10-3	n-Hexadecanoic acid	230	J			11.927	
000057-11-4	Octadecanoic acid	76.4	J			12.716	
000630-01-3	Hexacosane	270	J			12.768	
000629-94-7	Heneicosane	270	J			13.539	
1000406-04-5	Pentadecafluorooctanoic acid, pent	110	J			13.915	
000112-95-8	Eicosane	270	J			14.157	
001560-98-1	Octacosane, 2-methyl-	230	J			14.698	
007225-64-1	Heptadecane, 9-octyl-	330	J			15.215	
000646-31-1	Tetracosane	190	J			15.792	
1000406-31-9	Docosane, 1-iodo-	120	J			16.456	
000083-47-6	.gamma.-Sitosterol	100	J			16.886	
007098-22-8	Tetratetracontane	130	J			17.227	
	unknown	17.609	J			17.609	

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G4-WC	SDG No.:	BF110724
Lab Sample ID:	P4693-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
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
BF140265.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.7	U	58.7	180	220	ug/Kg
110-86-1	Pyridine	54	U	54	87.9	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.5	U	65.5	87.9	110	ug/Kg
108-95-2	Phenol	56.1	U	56.1	87.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.6	U	56.6	87.9	110	ug/Kg
95-57-8	2-Chlorophenol	56.5	U	56.5	87.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.2	U	57.2	87.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.2	U	58.2	87.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.5	U	58.5	87.9	110	ug/Kg
100-51-6	Benzyl Alcohol	56.1	U	56.1	180	220	ug/Kg
95-48-7	2-Methylphenol	54.5	U	54.5	87.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.5	U	61.5	87.9	110	ug/Kg
98-86-2	Acetophenone	58.8	U	58.8	87.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	54	U	54	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.3	U	27.3	54.1	54.1	ug/Kg
67-72-1	Hexachloroethane	56.1	U	56.1	87.9	110	ug/Kg
98-95-3	Nitrobenzene	61.4	U	61.4	87.9	110	ug/Kg
78-59-1	Isophorone	57.2	U	57.2	87.9	110	ug/Kg
88-75-5	2-Nitrophenol	63.9	U	63.9	87.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	63	U	63	87.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58	U	58	87.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	51.1	U	51.1	87.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.8	U	57.8	87.9	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.9	U	55.9	87.9	110	ug/Kg
106-47-8	4-Chloroaniline	55.9	U	55.9	87.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	56.3	U	56.3	87.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G4-WC	SDG No.:	BF110724
Lab Sample ID:	P4693-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
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
BF140265.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.7	U	58.7	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.4	U	52.4	87.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.8	U	55.8	87.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.3	U	48.3	87.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	87.9	110	ug/Kg
92-52-4	1,1-Biphenyl	59.1	U	59.1	87.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	56.3	U	56.3	87.9	110	ug/Kg
88-74-4	2-Nitroaniline	64.2	U	64.2	87.9	110	ug/Kg
131-11-3	Dimethylphthalate	55.3	U	55.3	87.9	110	ug/Kg
208-96-8	Acenaphthylene	58.5	U	58.5	87.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.3	U	56.3	87.9	110	ug/Kg
99-09-2	3-Nitroaniline	60.3	U	60.3	87.9	110	ug/Kg
83-32-9	Acenaphthene	54.8	U	54.8	87.9	110	ug/Kg
Total PAH	Total PAH	896.2	U	896.2	87.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.4	U	78.4	180	220	ug/Kg
132-64-9	Dibenzofuran	57.1	U	57.1	87.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.6	U	114.6	87.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.3	U	58.3	87.9	110	ug/Kg
84-66-2	Diethylphthalate	54.2	U	54.2	87.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.9	U	57.9	87.9	110	ug/Kg
86-73-7	Fluorene	57.8	U	57.8	87.9	110	ug/Kg
100-01-6	4-Nitroaniline	72.4	U	72.4	87.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.1	U	79.1	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.2	U	55.2	87.9	110	ug/Kg
103-33-3	Azobenzene	53.8	U	53.8	87.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.4	U	53.4	87.9	110	ug/Kg
118-74-1	Hexachlorobenzene	57.5	U	57.5	87.9	110	ug/Kg
1912-24-9	Atrazine	61.8	U	61.8	87.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G4-WC	SDG No.:	BF110724
Lab Sample ID:	P4693-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
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
BF140265.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.3	U	52.3	180	220	ug/Kg
85-01-8	Phenanthrene	56.8	U	56.8	87.9	110	ug/Kg
120-12-7	Anthracene	57.1	U	57.1	87.9	110	ug/Kg
86-74-8	Carbazole	54.3	U	54.3	87.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	57	87.9	110	ug/Kg
206-44-0	Fluoranthene	55.3	U	55.3	87.9	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	56.1	U	56.1	87.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	65.5	U	65.5	87.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.7	U	66.7	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.6	U	54.6	87.9	110	ug/Kg
218-01-9	Chrysene	53.8	U	53.8	87.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.5	U	61.5	87.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	74.4	U	74.4	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.8	U	54.8	87.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.9	U	55.9	87.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.9	U	62.9	87.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.8	U	52.8	87.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.9	U	54.9	87.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.2	U	54.2	87.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.7	U	58.7	87.9	110	ug/Kg
123-91-1	1,4-Dioxane	74.4	U	74.4	87.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.5	U	50.5	87.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	56.3	U	56.3	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	119.699		18-112		80	SPK: -150
13127-88-3	Phenol-d6	121.022		15-107		81	SPK: -150
4165-60-0	Nitrobenzene-d5	78.931		18-107		79	SPK: -100
321-60-8	2-Fluorobiphenyl	75.705		20-109		76	SPK: -100

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G4-WC	SDG No.:	BF110724
Lab Sample ID:	P4693-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
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
BF140265.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	134.024		10-116		89	SPK: -150
1718-51-0	Terphenyl-d14	79.846		10-105		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126233	6.875				
1146-65-2	Naphthalene-d8	489660	8.157				
15067-26-2	Acenaphthene-d10	289443	9.916				
1517-22-2	Phenanthrene-d10	519736	11.404				
1719-03-5	Chrysene-d12	333774	14.057				
1520-96-3	Perylene-d12	297539	15.568				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			2.163	
004744-10-9	Propane, 1,1-dimethoxy-	48.7	J			2.269	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	75.3	A			5.104	
000119-61-9	Benzophenone	150	J			10.627	
000057-10-3	n-Hexadecanoic acid	220	J			11.933	
000057-11-4	Octadecanoic acid	52.1	J			12.716	
1000406-04-8	Pentadecafluorooctanoic acid, octa	170	J			13.904	
	unknown14.492	690	J			14.492	
000112-84-5	13-Docosenamide, (Z)-	110	J			14.845	

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G4-WCMS	SDG No.:	BF110724
Lab Sample ID:	P4693-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
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
BF140266.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1000		58.7	180	220	ug/Kg
110-86-1	Pyridine	1000		54.1	88	120	ug/Kg
100-52-7	Benzaldehyde	230		120	180	220	ug/Kg
62-53-3	Aniline	1300		65.6	88	120	ug/Kg
108-95-2	Phenol	1200		56.1	88	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		56.6	88	120	ug/Kg
95-57-8	2-Chlorophenol	1200		56.5	88	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		57.2	88	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		58.2	88	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		58.5	88	120	ug/Kg
100-51-6	Benzyl Alcohol	1100		56.2	180	220	ug/Kg
95-48-7	2-Methylphenol	1100		54.5	88	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		61.5	88	120	ug/Kg
98-86-2	Acetophenone	1100		58.8	88	120	ug/Kg
65794-96-9	3+4-Methylphenols	1100		54	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		27.3	54.1	54.1	ug/Kg
67-72-1	Hexachloroethane	1100		56.2	88	120	ug/Kg
98-95-3	Nitrobenzene	1000		61.4	88	120	ug/Kg
78-59-1	Isophorone	1100		57.2	88	120	ug/Kg
88-75-5	2-Nitrophenol	1200		63.9	88	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		63.1	88	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		58.1	88	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		51.1	88	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		57.8	88	120	ug/Kg
65-85-0	Benzoic acid	1200		160	180	220	ug/Kg
91-20-3	Naphthalene	1100		55.9	88	120	ug/Kg
106-47-8	4-Chloroaniline	1100		55.9	88	120	ug/Kg
87-68-3	Hexachlorobutadiene	1000		56.4	88	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G4-WCMS	SDG No.:	BF110724
Lab Sample ID:	P4693-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
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
BF140266.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1200		58.7	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		52.4	88	120	ug/Kg
91-57-6	2-Methylnaphthalene	1100		55.8	88	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4400	E	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		48.3	88	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		50.1	88	120	ug/Kg
92-52-4	1,1-Biphenyl	1100		59.1	88	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		56.4	88	120	ug/Kg
88-74-4	2-Nitroaniline	1100		64.3	88	120	ug/Kg
131-11-3	Dimethylphthalate	1100		55.3	88	120	ug/Kg
208-96-8	Acenaphthylene	1200		58.5	88	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		56.3	88	120	ug/Kg
99-09-2	3-Nitroaniline	1000		60.4	88	120	ug/Kg
83-32-9	Acenaphthene	1300		54.9	88	120	ug/Kg
Total PAH	Total PAH	18190		896.6	88	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	2600	E	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2600	E	78.5	180	220	ug/Kg
132-64-9	Dibenzofuran	1100		57.1	88	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		58.3	88	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2300		114.6	88	240	ug/Kg
84-66-2	Diethylphthalate	1100		54.2	88	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		57.9	88	120	ug/Kg
86-73-7	Fluorene	1100		57.9	88	120	ug/Kg
100-01-6	4-Nitroaniline	1200		72.4	88	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		79.2	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		55.2	88	120	ug/Kg
103-33-3	Azobenzene	1200		53.9	88	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		53.4	88	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		57.5	88	120	ug/Kg
1912-24-9	Atrazine	1500		61.8	88	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G4-WCMS	SDG No.:	BF110724
Lab Sample ID:	P4693-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
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
BF140266.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2400	E	52.3	180	220	ug/Kg
85-01-8	Phenanthrene	1100		56.8	88	120	ug/Kg
120-12-7	Anthracene	1200		57.1	88	120	ug/Kg
86-74-8	Carbazole	1100		54.3	88	120	ug/Kg
84-74-2	Di-n-butylphthalate	1100		57	88	120	ug/Kg
206-44-0	Fluoranthene	1100		55.3	88	120	ug/Kg
92-87-5	Benzidine	2400	E	110	180	220	ug/Kg
129-00-0	Pyrene	1200		56.2	88	120	ug/Kg
85-68-7	Butylbenzylphthalate	1200		65.5	88	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		66.7	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1200		54.6	88	120	ug/Kg
218-01-9	Chrysene	1100		53.8	88	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		61.6	88	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		74.4	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		54.9	88	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		55.9	88	120	ug/Kg
50-32-8	Benzo(a)pyrene	1200		62.9	88	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		52.8	88	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		54.9	88	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	990		54.2	88	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		58.7	88	120	ug/Kg
123-91-1	1,4-Dioxane	950		74.4	88	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		50.5	88	120	ug/Kg
90-12-0	1-Methylnaphthalene	1100		56.3	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.467		18-112		58	SPK: -150
13127-88-3	Phenol-d6	87.447		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	58.03		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	57.182		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G4-WCMS	SDG No.:	BF110724
Lab Sample ID:	P4693-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
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
BF140266.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	98.554		10-116		66	SPK: -150
1718-51-0	Terphenyl-d14	64.298		10-105		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	131150	6.875				
1146-65-2	Naphthalene-d8	500686	8.157				
15067-26-2	Acenaphthene-d10	299564	9.916				
1517-22-2	Phenanthrene-d10	552061	11.41				
1719-03-5	Chrysene-d12	317340	14.063				
1520-96-3	Perylene-d12	310649	15.563				

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G4-WCMSD	SDG No.:	BF110724
Lab Sample ID:	P4693-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140267.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	940		58.8	180	220	ug/Kg
110-86-1	Pyridine	940		54.1	88	120	ug/Kg
100-52-7	Benzaldehyde	210	J	120	180	220	ug/Kg
62-53-3	Aniline	1200		65.6	88	120	ug/Kg
108-95-2	Phenol	1100		56.1	88	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		56.7	88	120	ug/Kg
95-57-8	2-Chlorophenol	1100		56.5	88	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		57.3	88	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	990		58.2	88	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	990		58.6	88	120	ug/Kg
100-51-6	Benzyl Alcohol	1100		56.2	180	220	ug/Kg
95-48-7	2-Methylphenol	1100		54.6	88	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		61.5	88	120	ug/Kg
98-86-2	Acetophenone	960		58.8	88	120	ug/Kg
65794-96-9	3+4-Methylphenols	1100		54	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		27.3	54.2	54.2	ug/Kg
67-72-1	Hexachloroethane	980		56.2	88	120	ug/Kg
98-95-3	Nitrobenzene	940		61.5	88	120	ug/Kg
78-59-1	Isophorone	990		57.3	88	120	ug/Kg
88-75-5	2-Nitrophenol	1100		64	88	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		63.1	88	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	980		58.1	88	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		51.1	88	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	940		57.8	88	120	ug/Kg
65-85-0	Benzoic acid	1100		160	180	220	ug/Kg
91-20-3	Naphthalene	980		55.9	88	120	ug/Kg
106-47-8	4-Chloroaniline	1000		55.9	88	120	ug/Kg
87-68-3	Hexachlorobutadiene	930		56.4	88	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G4-WCMSD	SDG No.:	BF110724
Lab Sample ID:	P4693-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140267.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1200		58.8	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		52.5	88	120	ug/Kg
91-57-6	2-Methylnaphthalene	1000		55.8	88	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4000	E	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		48.3	88	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		50.1	88	120	ug/Kg
92-52-4	1,1-Biphenyl	990		59.2	88	120	ug/Kg
91-58-7	2-Chloronaphthalene	980		56.4	88	120	ug/Kg
88-74-4	2-Nitroaniline	1000		64.3	88	120	ug/Kg
131-11-3	Dimethylphthalate	1100		55.3	88	120	ug/Kg
208-96-8	Acenaphthylene	1100		58.6	88	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		56.3	88	120	ug/Kg
99-09-2	3-Nitroaniline	970		60.4	88	120	ug/Kg
83-32-9	Acenaphthene	1200		54.9	88	120	ug/Kg
Total PAH	Total PAH	16680		897.1	88	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	2400	E	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2500	E	78.5	180	220	ug/Kg
132-64-9	Dibenzofuran	1100		57.1	88	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		58.4	88	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2100		114.7	88	240	ug/Kg
84-66-2	Diethylphthalate	1100		54.2	88	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		57.9	88	120	ug/Kg
86-73-7	Fluorene	1000		57.9	88	120	ug/Kg
100-01-6	4-Nitroaniline	1100		72.4	88	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		79.2	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		55.2	88	120	ug/Kg
103-33-3	Azobenzene	1100		53.9	88	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		53.4	88	120	ug/Kg
118-74-1	Hexachlorobenzene	1000		57.5	88	120	ug/Kg
1912-24-9	Atrazine	1400		61.9	88	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G4-WCMSD	SDG No.:	BF110724
Lab Sample ID:	P4693-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140267.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2200	E	52.3	180	220	ug/Kg
85-01-8	Phenanthrene	1100		56.9	88	120	ug/Kg
120-12-7	Anthracene	1100		57.1	88	120	ug/Kg
86-74-8	Carbazole	1100		54.4	88	120	ug/Kg
84-74-2	Di-n-butylphthalate	1100		57.1	88	120	ug/Kg
206-44-0	Fluoranthene	1000		55.3	88	120	ug/Kg
92-87-5	Benzidine	2500	E	110	180	220	ug/Kg
129-00-0	Pyrene	1100		56.2	88	120	ug/Kg
85-68-7	Butylbenzylphthalate	1100		65.5	88	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		66.7	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1100		54.6	88	120	ug/Kg
218-01-9	Chrysene	1000		53.8	88	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		61.6	88	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		74.5	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		54.9	88	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		55.9	88	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		63	88	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		52.9	88	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		55	88	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	900		54.2	88	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	980		58.8	88	120	ug/Kg
123-91-1	1,4-Dioxane	890		74.5	88	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		50.6	88	120	ug/Kg
90-12-0	1-Methylnaphthalene	960		56.3	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.105		18-112		54	SPK: -150
13127-88-3	Phenol-d6	81.389		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	53.089		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	52.959		20-109		53	SPK: -100

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G4-WCMSD	SDG No.:	BF110724
Lab Sample ID:	P4693-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140267.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	91.279		10-116		61	SPK: -150
1718-51-0	Terphenyl-d14	60.868		10-105		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125684	6.875				
1146-65-2	Naphthalene-d8	490356	8.157				
15067-26-2	Acenaphthene-d10	287196	9.916				
1517-22-2	Phenanthrene-d10	534951	11.41				
1719-03-5	Chrysene-d12	305568	14.057				
1520-96-3	Perylene-d12	306803	15.562				

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:	BP-F4	SDG No.:	BF110724
Lab Sample ID:	P4701-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
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
BF140268.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.2	U	60.2	190	230	ug/Kg
110-86-1	Pyridine	55.4	U	55.4	90.1	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.2	U	67.2	90.1	120	ug/Kg
108-95-2	Phenol	57.5	U	57.5	90.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58	U	58	90.1	120	ug/Kg
95-57-8	2-Chlorophenol	57.9	U	57.9	90.1	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.6	U	58.6	90.1	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.6	U	59.6	90.1	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60	U	60	90.1	120	ug/Kg
100-51-6	Benzyl Alcohol	57.5	U	57.5	190	230	ug/Kg
95-48-7	2-Methylphenol	55.9	U	55.9	90.1	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63	U	63	90.1	120	ug/Kg
98-86-2	Acetophenone	60.2	U	60.2	90.1	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.3	U	55.3	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.9	U	27.9	55.4	55.4	ug/Kg
67-72-1	Hexachloroethane	57.5	U	57.5	90.1	120	ug/Kg
98-95-3	Nitrobenzene	62.9	U	62.9	90.1	120	ug/Kg
78-59-1	Isophorone	58.6	U	58.6	90.1	120	ug/Kg
88-75-5	2-Nitrophenol	65.5	U	65.5	90.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	64.6	U	64.6	90.1	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59.5	U	59.5	90.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.3	U	52.3	90.1	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.2	U	59.2	90.1	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	57.2	U	57.2	90.1	120	ug/Kg
106-47-8	4-Chloroaniline	57.2	U	57.2	90.1	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.7	U	57.7	90.1	120	ug/Kg

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:	BP-F4	SDG No.:	BF110724
Lab Sample ID:	P4701-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
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
BF140268.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.2	U	60.2	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.7	U	53.7	90.1	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.2	U	57.2	90.1	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.5	U	49.5	90.1	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.3	U	51.3	90.1	120	ug/Kg
92-52-4	1,1-Biphenyl	60.6	U	60.6	90.1	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.7	U	57.7	90.1	120	ug/Kg
88-74-4	2-Nitroaniline	65.8	U	65.8	90.1	120	ug/Kg
131-11-3	Dimethylphthalate	56.6	U	56.6	90.1	120	ug/Kg
208-96-8	Acenaphthylene	60	U	60	90.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.7	U	57.7	90.1	120	ug/Kg
99-09-2	3-Nitroaniline	61.8	U	61.8	90.1	120	ug/Kg
83-32-9	Acenaphthene	56.2	U	56.2	90.1	120	ug/Kg
Total PAH	Total PAH	918.3	U	918.3	90.1	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	80.4	U	80.4	190	230	ug/Kg
132-64-9	Dibenzofuran	58.5	U	58.5	90.1	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	17.4	U	117.4	90.1	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.7	U	59.7	90.1	120	ug/Kg
84-66-2	Diethylphthalate	55.5	U	55.5	90.1	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.3	U	59.3	90.1	120	ug/Kg
86-73-7	Fluorene	59.3	U	59.3	90.1	120	ug/Kg
100-01-6	4-Nitroaniline	74.2	U	74.2	90.1	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.1	U	81.1	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.6	U	56.6	90.1	120	ug/Kg
103-33-3	Azobenzene	55.2	U	55.2	90.1	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.7	U	54.7	90.1	120	ug/Kg
118-74-1	Hexachlorobenzene	58.9	U	58.9	90.1	120	ug/Kg
1912-24-9	Atrazine	63.3	U	63.3	90.1	120	ug/Kg

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:	BP-F4	SDG No.:	BF110724
Lab Sample ID:	P4701-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
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
BF140268.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.6	U	53.6	190	230	ug/Kg
85-01-8	Phenanthrene	58.2	U	58.2	90.1	120	ug/Kg
120-12-7	Anthracene	58.5	U	58.5	90.1	120	ug/Kg
86-74-8	Carbazole	55.7	U	55.7	90.1	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.4	U	58.4	90.1	120	ug/Kg
206-44-0	Fluoranthene	56.6	U	56.6	90.1	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	57.5	U	57.5	90.1	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.1	U	67.1	90.1	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68.3	U	68.3	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	55.9	U	55.9	90.1	120	ug/Kg
218-01-9	Chrysene	55.1	U	55.1	90.1	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.1	U	63.1	90.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	76.2	U	76.2	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	56.2	U	56.2	90.1	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.2	U	57.2	90.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	64.5	U	64.5	90.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.1	U	54.1	90.1	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.3	U	56.3	90.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55.5	U	55.5	90.1	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.2	U	60.2	90.1	120	ug/Kg
123-91-1	1,4-Dioxane	76.2	U	76.2	90.1	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.8	U	51.8	90.1	120	ug/Kg
90-12-0	1-Methylnaphthalene	57.7	U	57.7	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	134.045		18-112		89	SPK: -150
13127-88-3	Phenol-d6	134.457		15-107		90	SPK: -150
4165-60-0	Nitrobenzene-d5	89.403		18-107		89	SPK: -100
321-60-8	2-Fluorobiphenyl	88.453		20-109		88	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:	BP-F4	SDG No.:	BF110724
Lab Sample ID:	P4701-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
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
BF140268.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	143.516		10-116		96	SPK: -150
1718-51-0	Terphenyl-d14	96.375		10-105		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	115763	6.875				
1146-65-2	Naphthalene-d8	448729	8.157				
15067-26-2	Acenaphthene-d10	266935	9.916				
1517-22-2	Phenanthrene-d10	479538	11.404				
1719-03-5	Chrysene-d12	288827	14.057				
1520-96-3	Perylene-d12	275022	15.568				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	950	J			2.193	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			5.104	
000119-61-9	Benzophenone	110	J			10.628	
000057-10-3	n-Hexadecanoic acid	130	J			11.928	
959085-66-6	Heptadecyl heptafluorobutyrate	120	J			13.904	
000112-84-5	13-Docosenamide, (Z)-	97	J			14.845	

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:	TP-1	SDG No.:	BF110724
Lab Sample ID:	P4697-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140269.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59	U	59	180	220	ug/Kg
110-86-1	Pyridine	54.3	U	54.3	88.3	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.8	U	65.8	88.3	120	ug/Kg
108-95-2	Phenol	56.3	U	56.3	88.3	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.9	U	56.9	88.3	120	ug/Kg
95-57-8	2-Chlorophenol	56.7	U	56.7	88.3	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.5	U	57.5	88.3	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.4	U	58.4	88.3	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.8	U	58.8	88.3	120	ug/Kg
100-51-6	Benzyl Alcohol	56.4	U	56.4	180	220	ug/Kg
95-48-7	2-Methylphenol	54.7	U	54.7	88.3	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.7	U	61.7	88.3	120	ug/Kg
98-86-2	Acetophenone	59	U	59	88.3	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.2	U	54.2	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.4	U	27.4	54.3	54.3	ug/Kg
67-72-1	Hexachloroethane	56.4	U	56.4	88.3	120	ug/Kg
98-95-3	Nitrobenzene	61.7	U	61.7	88.3	120	ug/Kg
78-59-1	Isophorone	57.5	U	57.5	88.3	120	ug/Kg
88-75-5	2-Nitrophenol	64.2	U	64.2	88.3	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.3	U	63.3	88.3	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.3	U	58.3	88.3	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.3	U	51.3	88.3	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58	U	58	88.3	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	56.1	U	56.1	88.3	120	ug/Kg
106-47-8	4-Chloroaniline	56.1	U	56.1	88.3	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.6	U	56.6	88.3	120	ug/Kg

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:	TP-1	SDG No.:	BF110724
Lab Sample ID:	P4697-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140269.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59	U	59	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.6	U	52.6	88.3	120	ug/Kg
91-57-6	2-Methylnaphthalene	56	U	56	88.3	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.5	U	48.5	88.3	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.3	U	50.3	88.3	120	ug/Kg
92-52-4	1,1-Biphenyl	59.4	U	59.4	88.3	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.6	U	56.6	88.3	120	ug/Kg
88-74-4	2-Nitroaniline	64.5	U	64.5	88.3	120	ug/Kg
131-11-3	Dimethylphthalate	55.5	U	55.5	88.3	120	ug/Kg
208-96-8	Acenaphthylene	58.8	U	58.8	88.3	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.5	U	56.5	88.3	120	ug/Kg
99-09-2	3-Nitroaniline	60.6	U	60.6	88.3	120	ug/Kg
83-32-9	Acenaphthene	55.1	U	55.1	88.3	120	ug/Kg
Total PAH	Total PAH	900.2	U	900.2	88.3	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.8	U	78.8	180	220	ug/Kg
132-64-9	Dibenzofuran	57.3	U	57.3	88.3	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	15	U	115	88.3	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.5	U	58.5	88.3	120	ug/Kg
84-66-2	Diethylphthalate	54.4	U	54.4	88.3	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.1	U	58.1	88.3	120	ug/Kg
86-73-7	Fluorene	58.1	U	58.1	88.3	120	ug/Kg
100-01-6	4-Nitroaniline	72.7	U	72.7	88.3	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.5	U	79.5	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.4	U	55.4	88.3	120	ug/Kg
103-33-3	Azobenzene	54.1	U	54.1	88.3	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.6	U	53.6	88.3	120	ug/Kg
118-74-1	Hexachlorobenzene	57.7	U	57.7	88.3	120	ug/Kg
1912-24-9	Atrazine	62.1	U	62.1	88.3	120	ug/Kg

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:	TP-1	SDG No.:	BF110724
Lab Sample ID:	P4697-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140269.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.5	U	52.5	180	220	ug/Kg
85-01-8	Phenanthrene	57.1	U	57.1	88.3	120	ug/Kg
120-12-7	Anthracene	57.3	U	57.3	88.3	120	ug/Kg
86-74-8	Carbazole	54.5	U	54.5	88.3	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.3	U	57.3	88.3	120	ug/Kg
206-44-0	Fluoranthene	55.5	U	55.5	88.3	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	56.4	U	56.4	88.3	120	ug/Kg
85-68-7	Butylbenzylphthalate	65.7	U	65.7	88.3	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67	U	67	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.8	U	54.8	88.3	120	ug/Kg
218-01-9	Chrysene	54	U	54	88.3	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.8	U	61.8	88.3	120	ug/Kg
117-84-0	Di-n-octyl phthalate	74.7	U	74.7	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.1	U	55.1	88.3	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.1	U	56.1	88.3	120	ug/Kg
50-32-8	Benzo(a)pyrene	63.2	U	63.2	88.3	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	88.3	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.2	U	55.2	88.3	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.4	U	54.4	88.3	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	88.3	120	ug/Kg
123-91-1	1,4-Dioxane	74.7	U	74.7	88.3	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.7	U	50.7	88.3	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.5	U	56.5	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	109.092		18-112		73	SPK: -150
13127-88-3	Phenol-d6	108.413		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	72.526		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	72.21		20-109		72	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:	TP-1	SDG No.:	BF110724
Lab Sample ID:	P4697-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140269.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	117.916		10-116		79	SPK: -150
1718-51-0	Terphenyl-d14	72.519		10-105		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123710	6.875				
1146-65-2	Naphthalene-d8	471834	8.157				
15067-26-2	Acenaphthene-d10	271556	9.91				
1517-22-2	Phenanthrene-d10	492226	11.404				
1719-03-5	Chrysene-d12	289097	14.051				
1520-96-3	Perylene-d12	294829	15.557				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.163	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	95.1	A			5.099	
000119-61-9	Benzophenone	120	J			10.628	
000057-10-3	n-Hexadecanoic acid	140	J			11.928	
1000406-04-8	Pentadecafluorooctanoic acid, octa	130	J			13.904	

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:	WB-307-SB01	SDG No.:	BF110724
Lab Sample ID:	P4718-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22
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
BF140270.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	420	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	230	U	230	350	420	ug/Kg
62-53-3	Aniline	120	U	120	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	350	420	ug/Kg
95-48-7	2-Methylphenol	100	U	100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	350	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51.6	U	51.6	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	96.7	U	96.7	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	300	U	300	350	420	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

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:	WB-307-SB01	SDG No.:	BF110724
Lab Sample ID:	P4718-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22
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
BF140270.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	99.3	U	99.3	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	91.4	U	91.4	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	94.8	U	94.8	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	170	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	170	220	ug/Kg
Total PAH	Total PAH	1690	U	1690	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	350	420	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	420	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	350	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

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:	WB-307-SB01	SDG No.:	BF110724
Lab Sample ID:	P4718-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22
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
BF140270.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	99	U	99	350	420	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	100	U	100	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	420	ug/Kg
129-00-0	Pyrene	110	U	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	420	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	170	220	ug/Kg
218-01-9	Chrysene	100	U	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	350	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	95.7	U	95.7	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	135.263		18-112		90	SPK: -150
13127-88-3	Phenol-d6	134.265		15-107		90	SPK: -150
4165-60-0	Nitrobenzene-d5	90.346		18-107		90	SPK: -100
321-60-8	2-Fluorobiphenyl	82.855		20-109		83	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:	WB-307-SB01	SDG No.:	BF110724
Lab Sample ID:	P4718-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22
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
BF140270.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	151.131		10-116		101	SPK: -150
1718-51-0	Terphenyl-d14	80.687		10-105		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127578	6.875				
1146-65-2	Naphthalene-d8	477012	8.157				
15067-26-2	Acenaphthene-d10	268251	9.916				
1517-22-2	Phenanthrene-d10	494200	11.404				
1719-03-5	Chrysene-d12	284643	14.051				
1520-96-3	Perylene-d12	292875	15.563				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3700	J			2.163	
004744-10-9	Propane, 1,1-dimethoxy-	130	J			2.275	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	870	A			5.099	
066660-43-3	trans, cis-3-Ethylbicyclo[4.4.0]de	100	J			8.445	
1000309-19-6	Sulfurous acid, 2-ethylhexyl tride	180	J			8.575	
000629-50-5	Tridecane	700	J			8.745	
	unknown8.804	160	J			8.804	
017312-73-1	Undecane, 5,5-dimethyl-	150	J			8.839	
	unknown9.034	230	J			9.034	
013187-99-0	2-Bromo dodecane	190	J			9.11	
001002-43-3	Undecane, 3-methyl-	150	J			9.151	
003891-98-3	Dodecane, 2,6,10-trimethyl-	550	J			9.175	
000629-59-4	Tetradecane	1700	J			9.31	
000629-99-2	Pentacosane	680	J			9.634	
000629-62-9	Pentadecane	730	J			9.839	
006165-40-8	Pentadecane, 7-methyl-	130	J			10.339	
000119-61-9	Benzophenone	380	J			10.628	
000057-10-3	n-Hexadecanoic acid	550	J			11.933	
000112-80-1	Oleic Acid	120	J			12.639	

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:	WB-307-SB01	SDG No.:	BF110724
Lab Sample ID:	P4718-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
		Level :	LOW
Injection Volume :		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140270.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
959010-23-2	Trifluoroacetic acid, pentadecyl e	240	J			13.904	

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:	WB-307-SB02	SDG No.:	BF110724
Lab Sample ID:	P4718-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.4
Sample Wt/Vol:	30.08	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
BF140271.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	420	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	230	U	230	350	420	ug/Kg
62-53-3	Aniline	120	U	120	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	350	420	ug/Kg
95-48-7	2-Methylphenol	100	U	100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	350	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51.8	U	51.8	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	97	U	97	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	300	U	300	350	420	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

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:	WB-307-SB02	SDG No.:	BF110724
Lab Sample ID:	P4718-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.4
Sample Wt/Vol:	30.08	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
BF140271.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	99.6	U	99.6	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	91.8	U	91.8	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	95.1	U	95.1	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	170	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	170	220	ug/Kg
Total PAH	Total PAH	1700	U	1700	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	350	420	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	420	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	350	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

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:	WB-307-SB02	SDG No.:	BF110724
Lab Sample ID:	P4718-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.4
Sample Wt/Vol:	30.08	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
BF140271.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	99.3	U	99.3	350	420	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	110	U	110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	420	ug/Kg
129-00-0	Pyrene	110	U	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	420	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	170	220	ug/Kg
218-01-9	Chrysene	100	U	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	350	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	96	U	96	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	119.097		18-112		79	SPK: -150
13127-88-3	Phenol-d6	118.835		15-107		79	SPK: -150
4165-60-0	Nitrobenzene-d5	78.484		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	78.94		20-109		79	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:	WB-307-SB02	SDG No.:	BF110724
Lab Sample ID:	P4718-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140271.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.597		10-116		89	SPK: -150
1718-51-0	Terphenyl-d14	81.486		10-105		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123660	6.875				
1146-65-2	Naphthalene-d8	467420	8.157				
15067-26-2	Acenaphthene-d10	268928	9.91				
1517-22-2	Phenanthrene-d10	499705	11.404				
1719-03-5	Chrysene-d12	296704	14.051				
1520-96-3	Perylene-d12	275946	15.557				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3500	J			2.152	
004744-10-9	Propane, 1,1-dimethoxy-	120	J			2.263	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	790	A			5.093	
000119-61-9	Benzophenone	360	J			10.628	
000057-10-3	n-Hexadecanoic acid	460	J			11.933	
959085-66-6	Heptadecyl heptafluorobutyrate	210	J			13.904	

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:	WB-307-SB02MS	SDG No.:	BF110724
Lab Sample ID:	P4718-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.4
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140272.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2000		110	350	420	ug/Kg
110-86-1	Pyridine	2100		100	170	220	ug/Kg
100-52-7	Benzaldehyde	440		230	350	420	ug/Kg
62-53-3	Aniline	2200		120	170	220	ug/Kg
108-95-2	Phenol	2300		110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2200		110	170	220	ug/Kg
95-57-8	2-Chlorophenol	2300		110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	2200		110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	2100		110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	2200		110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	2300		110	350	420	ug/Kg
95-48-7	2-Methylphenol	2300		100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2200		120	170	220	ug/Kg
98-86-2	Acetophenone	2100		110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	2200		100	350	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2200		51.9	100	100	ug/Kg
67-72-1	Hexachloroethane	2100		110	170	220	ug/Kg
98-95-3	Nitrobenzene	2000		120	170	220	ug/Kg
78-59-1	Isophorone	2200		110	170	220	ug/Kg
88-75-5	2-Nitrophenol	2400		120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	2700		120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2100		110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	2200		97.2	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2100		110	170	220	ug/Kg
65-85-0	Benzoic acid	2400		310	350	420	ug/Kg
91-20-3	Naphthalene	2100		110	170	220	ug/Kg
106-47-8	4-Chloroaniline	1500		110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	2100		110	170	220	ug/Kg

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:	WB-307-SB02MS	SDG No.:	BF110724
Lab Sample ID:	P4718-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.4
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140272.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2400		110	350	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2200		99.8	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	2200		110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	8500	E	200	350	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2300		91.9	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2300		95.3	170	220	ug/Kg
92-52-4	1,1-Biphenyl	2200		110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	2100		110	170	220	ug/Kg
88-74-4	2-Nitroaniline	2300		120	170	220	ug/Kg
131-11-3	Dimethylphthalate	2300		110	170	220	ug/Kg
208-96-8	Acenaphthylene	2400		110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	2200		110	170	220	ug/Kg
99-09-2	3-Nitroaniline	1800		110	170	220	ug/Kg
83-32-9	Acenaphthene	2500		100	170	220	ug/Kg
Total PAH	Total PAH	35800		1700	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	4900	E	310	350	420	ug/Kg
100-02-7	4-Nitrophenol	5300	E	150	350	420	ug/Kg
132-64-9	Dibenzofuran	2300		110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4600		220	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	2400		110	170	220	ug/Kg
84-66-2	Diethylphthalate	2300		100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2200		110	170	220	ug/Kg
86-73-7	Fluorene	2200		110	170	220	ug/Kg
100-01-6	4-Nitroaniline	2400		140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2600		150	350	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2200		110	170	220	ug/Kg
103-33-3	Azobenzene	2400		100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2200		100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	2200		110	170	220	ug/Kg
1912-24-9	Atrazine	3000		120	170	220	ug/Kg

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:	WB-307-SB02MS	SDG No.:	BF110724
Lab Sample ID:	P4718-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.4
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140272.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	4800	E	99.5	350	420	ug/Kg
85-01-8	Phenanthrene	2200		110	170	220	ug/Kg
120-12-7	Anthracene	2300		110	170	220	ug/Kg
86-74-8	Carbazole	2200		100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	2300		110	170	220	ug/Kg
206-44-0	Fluoranthene	2100		110	170	220	ug/Kg
92-87-5	Benzidine	3900	E	210	350	420	ug/Kg
129-00-0	Pyrene	2400		110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	2500		120	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2000		130	350	420	ug/Kg
56-55-3	Benzo(a)anthracene	2300		100	170	220	ug/Kg
218-01-9	Chrysene	2300		100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2300		120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	2300		140	350	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	2400		100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	2100		110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	2500		120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2100		100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2100		100	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2200		110	170	220	ug/Kg
123-91-1	1,4-Dioxane	2000		140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2500		96.2	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	2100		110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	107.986		18-112		72	SPK: -150
13127-88-3	Phenol-d6	109.07		15-107		73	SPK: -150
4165-60-0	Nitrobenzene-d5	71.641		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	71.874		20-109		72	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:	WB-307-SB02MS	SDG No.:	BF110724
Lab Sample ID:	P4718-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140272.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	121.398		10-116		81	SPK: -150
1718-51-0	Terphenyl-d14	80.303		10-105		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123564	6.875				
1146-65-2	Naphthalene-d8	474391	8.157				
15067-26-2	Acenaphthene-d10	274410	9.916				
1517-22-2	Phenanthrene-d10	511867	11.41				
1719-03-5	Chrysene-d12	275517	14.063				
1520-96-3	Perylene-d12	287359	15.58				

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:	WB-307-SB02MSD	SDG No.:	BF110724
Lab Sample ID:	P4718-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.4
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140273.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2000		110	350	420	ug/Kg
110-86-1	Pyridine	2100		100	170	220	ug/Kg
100-52-7	Benzaldehyde	440		230	350	420	ug/Kg
62-53-3	Aniline	2200		120	170	220	ug/Kg
108-95-2	Phenol	2200		110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2200		110	170	220	ug/Kg
95-57-8	2-Chlorophenol	2300		110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	2100		110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	2100		110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	2100		110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	2200		110	350	420	ug/Kg
95-48-7	2-Methylphenol	2200		100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2100		120	170	220	ug/Kg
98-86-2	Acetophenone	2100		110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	2200		100	350	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2100		51.9	100	100	ug/Kg
67-72-1	Hexachloroethane	2100		110	170	220	ug/Kg
98-95-3	Nitrobenzene	2000		120	170	220	ug/Kg
78-59-1	Isophorone	2100		110	170	220	ug/Kg
88-75-5	2-Nitrophenol	2300		120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	2600		120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2100		110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	2200		97.2	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2000		110	170	220	ug/Kg
65-85-0	Benzoic acid	2300		310	350	420	ug/Kg
91-20-3	Naphthalene	2100		110	170	220	ug/Kg
106-47-8	4-Chloroaniline	1500		110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	2000		110	170	220	ug/Kg

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:	WB-307-SB02MSD	SDG No.:	BF110724
Lab Sample ID:	P4718-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140273.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2400		110	350	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2200		99.7	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	2200		110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	8100	E	200	350	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2200		91.9	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2200		95.2	170	220	ug/Kg
92-52-4	1,1-Biphenyl	2100		110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	2100		110	170	220	ug/Kg
88-74-4	2-Nitroaniline	2200		120	170	220	ug/Kg
131-11-3	Dimethylphthalate	2200		110	170	220	ug/Kg
208-96-8	Acenaphthylene	2300		110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	2200		110	170	220	ug/Kg
99-09-2	3-Nitroaniline	1700		110	170	220	ug/Kg
83-32-9	Acenaphthene	2500		100	170	220	ug/Kg
Total PAH	Total PAH	35300		1700	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	5000	E	310	350	420	ug/Kg
100-02-7	4-Nitrophenol	5300	E	150	350	420	ug/Kg
132-64-9	Dibenzofuran	2200		110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4500		220	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	2300		110	170	220	ug/Kg
84-66-2	Diethylphthalate	2200		100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2100		110	170	220	ug/Kg
86-73-7	Fluorene	2200		110	170	220	ug/Kg
100-01-6	4-Nitroaniline	2300		140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2500		150	350	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2200		110	170	220	ug/Kg
103-33-3	Azobenzene	2400		100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2200		100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	2100		110	170	220	ug/Kg
1912-24-9	Atrazine	2900		120	170	220	ug/Kg

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:	WB-307-SB02MSD	SDG No.:	BF110724
Lab Sample ID:	P4718-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.4
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140273.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	4700	E	99.5	350	420	ug/Kg
85-01-8	Phenanthrene	2200		110	170	220	ug/Kg
120-12-7	Anthracene	2300		110	170	220	ug/Kg
86-74-8	Carbazole	2200		100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	2300		110	170	220	ug/Kg
206-44-0	Fluoranthene	2100		110	170	220	ug/Kg
92-87-5	Benzidine	3800	E	210	350	420	ug/Kg
129-00-0	Pyrene	2300		110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	2400		120	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1900		130	350	420	ug/Kg
56-55-3	Benzo(a)anthracene	2200		100	170	220	ug/Kg
218-01-9	Chrysene	2300		100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2200		120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	2200		140	350	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100		100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	2300		110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	2400		120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2100		100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2100		100	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2100		110	170	220	ug/Kg
123-91-1	1,4-Dioxane	2000		140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2400		96.1	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	2100		110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	105.643		18-112		70	SPK: -150
13127-88-3	Phenol-d6	106.271		15-107		71	SPK: -150
4165-60-0	Nitrobenzene-d5	69.678		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	71.321		20-109		71	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:	WB-307-SB02MSD	SDG No.:	BF110724
Lab Sample ID:	P4718-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140273.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	120.851		10-116		81	SPK: -150
1718-51-0	Terphenyl-d14	76.754		10-105		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	124801	6.875				
1146-65-2	Naphthalene-d8	475239	8.157				
15067-26-2	Acenaphthene-d10	277394	9.916				
1517-22-2	Phenanthrene-d10	516198	11.41				
1719-03-5	Chrysene-d12	284018	14.068				
1520-96-3	Perylene-d12	293574	15.586				

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G5-WC	SDG No.:	BF110724
Lab Sample ID:	P4693-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140274.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.5	U	60.5	190	230	ug/Kg
110-86-1	Pyridine	55.7	U	55.7	90.7	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.6	U	67.6	90.7	120	ug/Kg
108-95-2	Phenol	57.8	U	57.8	90.7	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.4	U	58.4	90.7	120	ug/Kg
95-57-8	2-Chlorophenol	58.2	U	58.2	90.7	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	59	U	59	90.7	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60	U	60	90.7	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.3	U	60.3	90.7	120	ug/Kg
100-51-6	Benzyl Alcohol	57.9	U	57.9	190	230	ug/Kg
95-48-7	2-Methylphenol	56.2	U	56.2	90.7	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.4	U	63.4	90.7	120	ug/Kg
98-86-2	Acetophenone	60.6	U	60.6	90.7	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.7	U	55.7	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.1	U	28.1	55.8	55.8	ug/Kg
67-72-1	Hexachloroethane	57.9	U	57.9	90.7	120	ug/Kg
98-95-3	Nitrobenzene	63.3	U	63.3	90.7	120	ug/Kg
78-59-1	Isophorone	59	U	59	90.7	120	ug/Kg
88-75-5	2-Nitrophenol	65.9	U	65.9	90.7	120	ug/Kg
105-67-9	2,4-Dimethylphenol	65	U	65	90.7	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59.8	U	59.8	90.7	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.7	U	52.7	90.7	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.6	U	59.6	90.7	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	57.6	U	57.6	90.7	120	ug/Kg
106-47-8	4-Chloroaniline	57.6	U	57.6	90.7	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.1	U	58.1	90.7	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G5-WC	SDG No.:	BF110724
Lab Sample ID:	P4693-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140274.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.5	U	60.5	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.1	U	54.1	90.7	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.5	U	57.5	90.7	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.8	U	49.8	90.7	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.6	U	51.6	90.7	120	ug/Kg
92-52-4	1,1-Biphenyl	61	U	61	90.7	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.1	U	58.1	90.7	120	ug/Kg
88-74-4	2-Nitroaniline	66.3	U	66.3	90.7	120	ug/Kg
131-11-3	Dimethylphthalate	57	U	57	90.7	120	ug/Kg
208-96-8	Acenaphthylene	60.3	U	60.3	90.7	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58	U	58	90.7	120	ug/Kg
99-09-2	3-Nitroaniline	62.2	U	62.2	90.7	120	ug/Kg
83-32-9	Acenaphthene	56.6	U	56.6	90.7	120	ug/Kg
Total PAH	Total PAH	2665.4	U	924.4	90.7	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	80.9	U	80.9	190	230	ug/Kg
132-64-9	Dibenzofuran	58.9	U	58.9	90.7	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.1	U	60.1	90.7	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	18.1	U	118.1	90.7	240	ug/Kg
84-66-2	Diethylphthalate	55.9	U	55.9	90.7	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.7	U	59.7	90.7	120	ug/Kg
86-73-7	Fluorene	59.6	U	59.6	90.7	120	ug/Kg
100-01-6	4-Nitroaniline	74.6	U	74.6	90.7	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.6	U	81.6	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.9	U	56.9	90.7	120	ug/Kg
103-33-3	Azobenzene	55.5	U	55.5	90.7	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	90.7	120	ug/Kg
118-74-1	Hexachlorobenzene	59.3	U	59.3	90.7	120	ug/Kg
1912-24-9	Atrazine	63.8	U	63.8	90.7	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G5-WC	SDG No.:	BF110724
Lab Sample ID:	P4693-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140274.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.9	U	53.9	190	230	ug/Kg
85-01-8	Phenanthrene	75.4	J	58.6	90.7	120	ug/Kg
120-12-7	Anthracene	58.9	U	58.9	90.7	120	ug/Kg
86-74-8	Carbazole	56	U	56	90.7	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.8	U	58.8	90.7	120	ug/Kg
206-44-0	Fluoranthene	310		57	90.7	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	420		57.9	90.7	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.5	U	67.5	90.7	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68.8	U	68.8	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	380		56.3	90.7	120	ug/Kg
218-01-9	Chrysene	330		55.5	90.7	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.5	U	63.5	90.7	120	ug/Kg
117-84-0	Di-n-octyl phthalate	76.7	U	76.7	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	390		56.6	90.7	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	140		57.6	90.7	120	ug/Kg
50-32-8	Benzo(a)pyrene	320		64.9	90.7	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140		54.5	90.7	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.6	U	56.6	90.7	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160		55.9	90.7	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.5	U	60.5	90.7	120	ug/Kg
123-91-1	1,4-Dioxane	76.7	U	76.7	90.7	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.1	U	52.1	90.7	120	ug/Kg
90-12-0	1-Methylnaphthalene	58	U	58	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	116.367		18-112		78	SPK: -150
13127-88-3	Phenol-d6	116.217		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	78.61		18-107		79	SPK: -100
321-60-8	2-Fluorobiphenyl	77.069		20-109		77	SPK: -100

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G5-WC	SDG No.:	BF110724
Lab Sample ID:	P4693-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140274.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	118.701		10-116		79	SPK: -150
1718-51-0	Terphenyl-d14	73.689		10-105		74	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	124198	6.875				
1146-65-2	Naphthalene-d8	471118	8.157				
15067-26-2	Acenaphthene-d10	273664	9.91				
1517-22-2	Phenanthrene-d10	466005	11.404				
1719-03-5	Chrysene-d12	265996	14.051				
1520-96-3	Perylene-d12	281342	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.181	
000108-88-3	Toluene	73.2	J			3.975	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	88.8	A			5.104	
000095-63-6	Benzene, 1,2,4-trimethyl-	48.4	J			6.704	
000119-61-9	Benzophenone	110	J			10.628	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	160	J			11.927	
000832-64-4	Phenanthrene, 4-methyl-	83.7	J			12.016	
003674-66-6	Phenanthrene, 2,5-dimethyl-	69.5	J			12.457	
002381-21-7	Pyrene, 1-methyl-	69.3	J			13.069	
000243-17-4	11H-Benzo[b]fluorene	64.9	J			13.157	
003353-12-6	Pyrene, 4-methyl-	54.9	J			13.28	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	47.9	J			13.792	
000479-79-8	11H-Benzo[a]fluoren-11-one	61.6	J			13.898	
002498-76-2	Benz[a]anthracene, 2-methyl-	86.5	J			14.439	
000192-97-2	Benzo[e]pyrene	230	J			15.41	

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:	Z-01	SDG No.:	BF110724
Lab Sample ID:	P4695-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
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
BF140275.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	61	U	61	190	230	ug/Kg
110-86-1	Pyridine	56.2	U	56.2	91.4	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	68.1	U	68.1	91.4	120	ug/Kg
108-95-2	Phenol	59	J	58.3	91.4	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.9	U	58.9	91.4	120	ug/Kg
95-57-8	2-Chlorophenol	58.7	U	58.7	91.4	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	59.5	U	59.5	91.4	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.5	U	60.5	91.4	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.8	U	60.8	91.4	120	ug/Kg
100-51-6	Benzyl Alcohol	58.4	U	58.4	190	230	ug/Kg
95-48-7	2-Methylphenol	56.7	U	56.7	91.4	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.9	U	63.9	91.4	120	ug/Kg
98-86-2	Acetophenone	61.1	U	61.1	91.4	120	ug/Kg
65794-96-9	3+4-Methylphenols	130	J	56.1	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.3	U	28.3	56.3	56.3	ug/Kg
67-72-1	Hexachloroethane	58.4	U	58.4	91.4	120	ug/Kg
98-95-3	Nitrobenzene	63.9	U	63.9	91.4	120	ug/Kg
78-59-1	Isophorone	59.5	U	59.5	91.4	120	ug/Kg
88-75-5	2-Nitrophenol	66.5	U	66.5	91.4	120	ug/Kg
105-67-9	2,4-Dimethylphenol	120		65.5	91.4	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60.3	U	60.3	91.4	120	ug/Kg
120-83-2	2,4-Dichlorophenol	53.1	U	53.1	91.4	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	60.1	U	60.1	91.4	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	1200		58.1	91.4	120	ug/Kg
106-47-8	4-Chloroaniline	58.1	U	58.1	91.4	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.6	U	58.6	91.4	120	ug/Kg

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:	Z-01	SDG No.:	BF110724
Lab Sample ID:	P4695-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
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
BF140275.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	61	U	61	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.5	U	54.5	91.4	120	ug/Kg
91-57-6	2-Methylnaphthalene	770		58	91.4	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50.2	U	50.2	91.4	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	91.4	120	ug/Kg
92-52-4	1,1-Biphenyl	180		61.5	91.4	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.6	U	58.6	91.4	120	ug/Kg
88-74-4	2-Nitroaniline	66.8	U	66.8	91.4	120	ug/Kg
131-11-3	Dimethylphthalate	57.5	U	57.5	91.4	120	ug/Kg
208-96-8	Acenaphthylene	130		60.8	91.4	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58.5	U	58.5	91.4	120	ug/Kg
99-09-2	3-Nitroaniline	62.7	U	62.7	91.4	120	ug/Kg
83-32-9	Acenaphthene	1200		57	91.4	120	ug/Kg
Total PAH	Total PAH	38710		931.9	91.4	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	81.6	U	81.6	190	230	ug/Kg
132-64-9	Dibenzofuran	1000		59.4	91.4	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	19.1	U	119.1	91.4	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.6	U	60.6	91.4	120	ug/Kg
84-66-2	Diethylphthalate	56.3	U	56.3	91.4	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60.2	U	60.2	91.4	120	ug/Kg
86-73-7	Fluorene	1200		60.1	91.4	120	ug/Kg
100-01-6	4-Nitroaniline	75.2	U	75.2	91.4	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	82.3	U	82.3	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	57.4	U	57.4	91.4	120	ug/Kg
103-33-3	Azobenzene	56	U	56	91.4	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55.5	U	55.5	91.4	120	ug/Kg
118-74-1	Hexachlorobenzene	59.8	U	59.8	91.4	120	ug/Kg
1912-24-9	Atrazine	64.3	U	64.3	91.4	120	ug/Kg

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:	Z-01			SDG No.:	BF110724		
Lab Sample ID:	P4695-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	14.8		
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
BF140275.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	54.4	U	54.4	190	230	ug/Kg
85-01-8	Phenanthrene	7500	E	59.1	91.4	120	ug/Kg
120-12-7	Anthracene	2300	E	59.4	91.4	120	ug/Kg
86-74-8	Carbazole	1100		56.5	91.4	120	ug/Kg
84-74-2	Di-n-butylphthalate	59.3	U	59.3	91.4	120	ug/Kg
206-44-0	Fluoranthene	5400	E	57.5	91.4	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	4800	E	58.4	91.4	120	ug/Kg
85-68-7	Butylbenzylphthalate	68.1	U	68.1	91.4	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69.3	U	69.3	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	3700	E	56.8	91.4	120	ug/Kg
218-01-9	Chrysene	2900	E	55.9	91.4	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	64	U	64	91.4	120	ug/Kg
117-84-0	Di-n-octyl phthalate	77.4	U	77.4	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	2700	E	57	91.4	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		58.1	91.4	120	ug/Kg
50-32-8	Benzo(a)pyrene	2500	E	65.4	91.4	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	830		54.9	91.4	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	290		57.1	91.4	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	860		56.3	91.4	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	91.4	120	ug/Kg
123-91-1	1,4-Dioxane	77.4	U	77.4	91.4	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.5	U	52.5	91.4	120	ug/Kg
90-12-0	1-Methylnaphthalene	570		58.5	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	103.592		18-112		69	SPK: -150
13127-88-3	Phenol-d6	102.568		15-107		68	SPK: -150
4165-60-0	Nitrobenzene-d5	70.022		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	64.953		20-109		65	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:	Z-01	SDG No.:	BF110724
Lab Sample ID:	P4695-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
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
BF140275.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	98.029		10-116		65	SPK: -150
1718-51-0	Terphenyl-d14	59.291		10-105		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125468	6.875				
1146-65-2	Naphthalene-d8	471214	8.157				
15067-26-2	Acenaphthene-d10	271186	9.916				
1517-22-2	Phenanthrene-d10	411598	11.41				
1719-03-5	Chrysene-d12	239572	14.063				
1520-96-3	Perylene-d12	265882	15.557				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	980	J			2.163	
000581-42-0	Naphthalene, 2,6-dimethyl-	290	J			9.498	
000575-43-9	Naphthalene, 1,6-dimethyl-	400	J			9.569	
000582-16-1	Naphthalene, 2,7-dimethyl-	180	J			9.598	
000573-98-8	Naphthalene, 1,2-dimethyl-	280	J			9.686	
001855-47-6	1-Isopropenylnaphthalene	150	J			10.069	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	150	J			10.228	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	220	J			10.322	
002320-32-3	Benzene, [1-(2,4-cyclopentadien-1-	280	J			10.528	
351062-01-6	Acetamide, N-cycloheptyl-2,2-diphe	190	J			10.551	
007320-53-8	Dibenzofuran, 4-methyl-	520	J			10.622	
000203-64-5	4H-Cyclopenta[def]phenanthrene	120	J			12.028	
002381-21-7	Pyrene, 1-methyl-	150	J			13.18	
000604-53-5	1,1-Binaphthalene	340	J			14.951	
000192-97-2	Benzo[e]pyrene	450	J			15.227	
000207-93-2	Dinaphtho[1,2-b:1,2-d]furan	340	J			15.333	
000198-55-0	Perylene	1500	J			15.433	
000213-46-7	Picene	250	J			17.245	
000222-93-5	Pentaphene	160	J			17.304	

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:	Z-01	SDG No.:	BF110724
Lab Sample ID:	P4695-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
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
BF140275.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000191-26-4	Dibenzo[def,mno]chrysene	320	J			17.757	

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:	HD-02-110424	SDG No.:	BF110724
Lab Sample ID:	P4707-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.3
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
BF140276.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.5	U	55.5	170	210	ug/Kg
110-86-1	Pyridine	51.1	U	51.1	83.2	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	62	U	62	83.2	110	ug/Kg
108-95-2	Phenol	53.1	U	53.1	83.2	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.6	U	53.6	83.2	110	ug/Kg
95-57-8	2-Chlorophenol	53.4	U	53.4	83.2	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.1	U	54.1	83.2	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55	U	55	83.2	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.4	U	55.4	83.2	110	ug/Kg
100-51-6	Benzyl Alcohol	53.1	U	53.1	170	210	ug/Kg
95-48-7	2-Methylphenol	51.6	U	51.6	83.2	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58.2	U	58.2	83.2	110	ug/Kg
98-86-2	Acetophenone	55.6	U	55.6	83.2	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.1	U	51.1	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.8	U	25.8	51.2	51.2	ug/Kg
67-72-1	Hexachloroethane	53.1	U	53.1	83.2	110	ug/Kg
98-95-3	Nitrobenzene	58.1	U	58.1	83.2	110	ug/Kg
78-59-1	Isophorone	54.1	U	54.1	83.2	110	ug/Kg
88-75-5	2-Nitrophenol	60.5	U	60.5	83.2	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59.6	U	59.6	83.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.9	U	54.9	83.2	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.3	U	48.3	83.2	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.7	U	54.7	83.2	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	52.9	U	52.9	83.2	110	ug/Kg
106-47-8	4-Chloroaniline	52.9	U	52.9	83.2	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.3	U	53.3	83.2	110	ug/Kg

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:	HD-02-110424	SDG No.:	BF110724
Lab Sample ID:	P4707-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.3
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
BF140276.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55.5	U	55.5	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.6	U	49.6	83.2	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.8	U	52.8	83.2	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99.8	U	99.8	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.7	U	45.7	83.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.4	U	47.4	83.2	110	ug/Kg
92-52-4	1,1-Biphenyl	55.9	U	55.9	83.2	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.3	U	53.3	83.2	110	ug/Kg
88-74-4	2-Nitroaniline	60.8	U	60.8	83.2	110	ug/Kg
131-11-3	Dimethylphthalate	52.3	U	52.3	83.2	110	ug/Kg
208-96-8	Acenaphthylene	55.4	U	55.4	83.2	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.2	U	53.2	83.2	110	ug/Kg
99-09-2	3-Nitroaniline	57.1	U	57.1	83.2	110	ug/Kg
83-32-9	Acenaphthene	51.9	U	51.9	83.2	110	ug/Kg
Total PAH	Total PAH	1692.6	U	848.2	83.2	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	74.2	U	74.2	170	210	ug/Kg
132-64-9	Dibenzofuran	54	U	54	83.2	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	108.4	U	108.4	83.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.2	U	55.2	83.2	110	ug/Kg
84-66-2	Diethylphthalate	51.3	U	51.3	83.2	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.8	U	54.8	83.2	110	ug/Kg
86-73-7	Fluorene	54.7	U	54.7	83.2	110	ug/Kg
100-01-6	4-Nitroaniline	68.5	U	68.5	83.2	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74.9	U	74.9	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.2	U	52.2	83.2	110	ug/Kg
103-33-3	Azobenzene	50.9	U	50.9	83.2	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.5	U	50.5	83.2	110	ug/Kg
118-74-1	Hexachlorobenzene	54.4	U	54.4	83.2	110	ug/Kg
1912-24-9	Atrazine	58.5	U	58.5	83.2	110	ug/Kg

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:	HD-02-110424	SDG No.:	BF110724
Lab Sample ID:	P4707-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.3
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
BF140276.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.5	U	49.5	170	210	ug/Kg
85-01-8	Phenanthrene	120		53.8	83.2	110	ug/Kg
120-12-7	Anthracene	54	U	54	83.2	110	ug/Kg
86-74-8	Carbazole	51.4	U	51.4	83.2	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.9	U	53.9	83.2	110	ug/Kg
206-44-0	Fluoranthene	270		52.3	83.2	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	210		53.1	83.2	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.9	U	61.9	83.2	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63.1	U	63.1	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	180		51.6	83.2	110	ug/Kg
218-01-9	Chrysene	160		50.9	83.2	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58.2	U	58.2	83.2	110	ug/Kg
117-84-0	Di-n-octyl phthalate	70.4	U	70.4	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	240		51.9	83.2	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	110		52.9	83.2	110	ug/Kg
50-32-8	Benzo(a)pyrene	210		59.5	83.2	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	92.6	J	50	83.2	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	83.2	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	J	51.3	83.2	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55.5	U	55.5	83.2	110	ug/Kg
123-91-1	1,4-Dioxane	70.4	U	70.4	83.2	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.8	U	47.8	83.2	110	ug/Kg
90-12-0	1-Methylnaphthalene	53.2	U	53.2	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.377		18-112		54	SPK: -150
13127-88-3	Phenol-d6	80.323		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	55.762		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	61.272		20-109		61	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:	HD-02-110424	SDG No.:	BF110724
Lab Sample ID:	P4707-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.3
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
BF140276.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	75.692		10-116		50	SPK: -150
1718-51-0	Terphenyl-d14	49.513		10-105		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	131850	6.875				
1146-65-2	Naphthalene-d8	488380	8.157				
15067-26-2	Acenaphthene-d10	267166	9.916				
1517-22-2	Phenanthrene-d10	390269	11.404				
1719-03-5	Chrysene-d12	279355	14.051				
1520-96-3	Perylene-d12	250298	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.134	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	260	A			5.087	
000119-61-9	Benzophenone	55.9	J			10.627	
000057-10-3	n-Hexadecanoic acid	200	J			11.933	
000203-64-5	4H-Cyclopenta[def]phenanthrene	52.7	J			12.015	
018835-32-0	1-Tricosene	110	J			13.898	
007390-81-0	Oxirane, hexadecyl-	95.6	J			14.98	
000593-45-3	Octadecane	82.1	J			15.18	
000191-07-1	Coronene	170	J			15.221	
000192-97-2	Benzo[e]pyrene	110	J			15.409	
014811-95-1	1,19-Eicosadiene	73.4	J			15.774	
000646-31-1	Tetracosane	110	J			16.015	
000638-66-4	Octadecanal	140	J			16.845	

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:	BAYAVE-STOCKPILE	SDG No.:	BF110724
Lab Sample ID:	P4719-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.6
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
BF140277.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	53.4	U	53.4	170	200	ug/Kg
110-86-1	Pyridine	49.2	U	49.2	80	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	200	ug/Kg
62-53-3	Aniline	59.6	U	59.6	80	100	ug/Kg
108-95-2	Phenol	51	U	51	80	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	51.5	U	51.5	80	100	ug/Kg
95-57-8	2-Chlorophenol	51.4	U	51.4	80	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	52.1	U	52.1	80	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	52.9	U	52.9	80	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	53.2	U	53.2	80	100	ug/Kg
100-51-6	Benzyl Alcohol	51.1	U	51.1	170	200	ug/Kg
95-48-7	2-Methylphenol	49.6	U	49.6	80	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	55.9	U	55.9	80	100	ug/Kg
98-86-2	Acetophenone	53.5	U	53.5	80	100	ug/Kg
65794-96-9	3+4-Methylphenols	49.1	U	49.1	170	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.8	U	24.8	49.2	49.2	ug/Kg
67-72-1	Hexachloroethane	51.1	U	51.1	80	100	ug/Kg
98-95-3	Nitrobenzene	55.9	U	55.9	80	100	ug/Kg
78-59-1	Isophorone	52.1	U	52.1	80	100	ug/Kg
88-75-5	2-Nitrophenol	58.1	U	58.1	80	100	ug/Kg
105-67-9	2,4-Dimethylphenol	57.3	U	57.3	80	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	52.8	U	52.8	80	100	ug/Kg
120-83-2	2,4-Dichlorophenol	46.5	U	46.5	80	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	52.5	U	52.5	80	100	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	200	ug/Kg
91-20-3	Naphthalene	50.8	U	50.8	80	100	ug/Kg
106-47-8	4-Chloroaniline	50.8	U	50.8	80	100	ug/Kg
87-68-3	Hexachlorobutadiene	51.3	U	51.3	80	100	ug/Kg

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:	BAYAVE-STOCKPILE	SDG No.:	BF110724
Lab Sample ID:	P4719-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.6
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
BF140277.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	53.4	U	53.4	170	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47.7	U	47.7	80	100	ug/Kg
91-57-6	2-Methylnaphthalene	50.8	U	50.8	80	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	96	U	96	170	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	43.9	U	43.9	80	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45.5	U	45.5	80	100	ug/Kg
92-52-4	1,1-Biphenyl	53.8	U	53.8	80	100	ug/Kg
91-58-7	2-Chloronaphthalene	51.3	U	51.3	80	100	ug/Kg
88-74-4	2-Nitroaniline	58.5	U	58.5	80	100	ug/Kg
131-11-3	Dimethylphthalate	50.3	U	50.3	80	100	ug/Kg
208-96-8	Acenaphthylene	53.2	U	53.2	80	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	51.2	U	51.2	80	100	ug/Kg
99-09-2	3-Nitroaniline	54.9	U	54.9	80	100	ug/Kg
83-32-9	Acenaphthene	49.9	U	49.9	80	100	ug/Kg
Total PAH	Total PAH	815.4	U	815.4	80	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	200	ug/Kg
100-02-7	4-Nitrophenol	71.4	U	71.4	170	200	ug/Kg
132-64-9	Dibenzofuran	51.9	U	51.9	80	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	80	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	104.2	U	104.2	80	200	ug/Kg
84-66-2	Diethylphthalate	49.3	U	49.3	80	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	52.7	U	52.7	80	100	ug/Kg
86-73-7	Fluorene	52.6	U	52.6	80	100	ug/Kg
100-01-6	4-Nitroaniline	65.8	U	65.8	80	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	72	U	72	170	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	50.2	U	50.2	80	100	ug/Kg
103-33-3	Azobenzene	49	U	49	80	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	48.5	U	48.5	80	100	ug/Kg
118-74-1	Hexachlorobenzene	52.3	U	52.3	80	100	ug/Kg
1912-24-9	Atrazine	56.2	U	56.2	80	100	ug/Kg

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:	BAYAVE-STOCKPILE	SDG No.:	BF110724
Lab Sample ID:	P4719-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.6
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
BF140277.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	47.6	U	47.6	170	200	ug/Kg
85-01-8	Phenanthrene	51.7	U	51.7	80	100	ug/Kg
120-12-7	Anthracene	51.9	U	51.9	80	100	ug/Kg
86-74-8	Carbazole	49.4	U	49.4	80	100	ug/Kg
84-74-2	Di-n-butylphthalate	51.9	U	51.9	80	100	ug/Kg
206-44-0	Fluoranthene	50.3	U	50.3	80	100	ug/Kg
92-87-5	Benzidine	100	U	100	170	200	ug/Kg
129-00-0	Pyrene	51.1	U	51.1	80	100	ug/Kg
85-68-7	Butylbenzylphthalate	59.6	U	59.6	80	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60.7	U	60.7	170	200	ug/Kg
56-55-3	Benzo(a)anthracene	49.7	U	49.7	80	100	ug/Kg
218-01-9	Chrysene	48.9	U	48.9	80	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56	U	56	80	100	ug/Kg
117-84-0	Di-n-octyl phthalate	67.7	U	67.7	170	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	49.9	U	49.9	80	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	50.8	U	50.8	80	100	ug/Kg
50-32-8	Benzo(a)pyrene	57.2	U	57.2	80	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48.1	U	48.1	80	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50	U	50	80	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	49.3	U	49.3	80	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53.4	U	53.4	80	100	ug/Kg
123-91-1	1,4-Dioxane	67.7	U	67.7	80	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	80	100	ug/Kg
90-12-0	1-Methylnaphthalene	51.2	U	51.2	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.326		18-112		53	SPK: -150
13127-88-3	Phenol-d6	80.026		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	56.075		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	60.306		20-109		60	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:	BAYAVE-STOCKPILE	SDG No.:	BF110724
Lab Sample ID:	P4719-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.6
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
BF140277.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	74.821		10-116		50	SPK: -150
1718-51-0	Terphenyl-d14	49.886		10-105		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126456	6.875				
1146-65-2	Naphthalene-d8	467443	8.157				
15067-26-2	Acenaphthene-d10	269055	9.916				
1517-22-2	Phenanthrene-d10	403062	11.404				
1719-03-5	Chrysene-d12	284803	14.045				
1520-96-3	Perylene-d12	243229	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.152	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	230	A			5.092	
000119-61-9	Benzophenone	79.4	J			10.627	
000057-10-3	n-Hexadecanoic acid	66.5	J			11.927	
000295-48-7	Cyclopentadecane	68.5	J			13.904	

Report of Analysis

Client:		Date Collected:	11/3/2024 12:00:00 AM
Project:		Date Received:	11/3/2024 12:00:00 AM
Client Sample ID:	Z-04	SDG No.:	BF110724
Lab Sample ID:	P4694-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140278.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.4	U	58.4	180	220	ug/Kg
110-86-1	Pyridine	53.8	U	53.8	87.5	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.2	U	65.2	87.5	110	ug/Kg
108-95-2	Phenol	55.8	U	55.8	87.5	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.3	U	56.3	87.5	110	ug/Kg
95-57-8	2-Chlorophenol	56.2	U	56.2	87.5	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.9	U	56.9	87.5	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.9	U	57.9	87.5	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.2	U	58.2	87.5	110	ug/Kg
100-51-6	Benzyl Alcohol	55.8	U	55.8	180	220	ug/Kg
95-48-7	2-Methylphenol	54.2	U	54.2	87.5	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.2	U	61.2	87.5	110	ug/Kg
98-86-2	Acetophenone	58.5	U	58.5	87.5	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.7	U	53.7	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.1	U	27.1	53.8	53.8	ug/Kg
67-72-1	Hexachloroethane	55.8	U	55.8	87.5	110	ug/Kg
98-95-3	Nitrobenzene	61.1	U	61.1	87.5	110	ug/Kg
78-59-1	Isophorone	56.9	U	56.9	87.5	110	ug/Kg
88-75-5	2-Nitrophenol	63.6	U	63.6	87.5	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.7	U	62.7	87.5	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.7	U	57.7	87.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.8	U	50.8	87.5	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.5	U	57.5	87.5	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.6	U	55.6	87.5	110	ug/Kg
106-47-8	4-Chloroaniline	55.6	U	55.6	87.5	110	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	87.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/3/2024 12:00:00 AM
Project:		Date Received:	11/3/2024 12:00:00 AM
Client Sample ID:	Z-04	SDG No.:	BF110724
Lab Sample ID:	P4694-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140278.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.4	U	58.4	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.1	U	52.1	87.5	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.5	U	55.5	87.5	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48	U	48	87.5	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.8	U	49.8	87.5	110	ug/Kg
92-52-4	1,1-Biphenyl	58.8	U	58.8	87.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	87.5	110	ug/Kg
88-74-4	2-Nitroaniline	63.9	U	63.9	87.5	110	ug/Kg
131-11-3	Dimethylphthalate	55	U	55	87.5	110	ug/Kg
208-96-8	Acenaphthylene	58.2	U	58.2	87.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	87.5	110	ug/Kg
99-09-2	3-Nitroaniline	60	U	60	87.5	110	ug/Kg
83-32-9	Acenaphthene	54.6	U	54.6	87.5	110	ug/Kg
Total PAH	Total PAH	3820	U	891.6	87.5	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78	U	78	180	220	ug/Kg
132-64-9	Dibenzofuran	56.8	U	56.8	87.5	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	58	U	58	87.5	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	114	U	114	87.5	220	ug/Kg
84-66-2	Diethylphthalate	53.9	U	53.9	87.5	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.6	U	57.6	87.5	110	ug/Kg
86-73-7	Fluorene	57.5	U	57.5	87.5	110	ug/Kg
100-01-6	4-Nitroaniline	72	U	72	87.5	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.7	U	78.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.9	U	54.9	87.5	110	ug/Kg
103-33-3	Azobenzene	53.5	U	53.5	87.5	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.1	U	53.1	87.5	110	ug/Kg
118-74-1	Hexachlorobenzene	57.2	U	57.2	87.5	110	ug/Kg
1912-24-9	Atrazine	61.5	U	61.5	87.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/3/2024 12:00:00 AM
Project:		Date Received:	11/3/2024 12:00:00 AM
Client Sample ID:	Z-04	SDG No.:	BF110724
Lab Sample ID:	P4694-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140278.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52	U	52	180	220	ug/Kg
85-01-8	Phenanthrene	520		56.5	87.5	110	ug/Kg
120-12-7	Anthracene	110		56.8	87.5	110	ug/Kg
86-74-8	Carbazole	62.5	J	54	87.5	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.7	U	56.7	87.5	110	ug/Kg
206-44-0	Fluoranthene	680		55	87.5	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	510		55.8	87.5	110	ug/Kg
85-68-7	Butylbenzylphthalate	65.1	U	65.1	87.5	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.3	U	66.3	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	370		54.3	87.5	110	ug/Kg
218-01-9	Chrysene	350		53.5	87.5	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.2	U	61.2	87.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	74	U	74	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	430		54.6	87.5	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	190		55.6	87.5	110	ug/Kg
50-32-8	Benzo(a)pyrene	360		62.6	87.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140		52.5	87.5	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.6	U	54.6	87.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160		53.9	87.5	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.4	U	58.4	87.5	110	ug/Kg
123-91-1	1,4-Dioxane	74	U	74	87.5	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.3	U	50.3	87.5	110	ug/Kg
90-12-0	1-Methylnaphthalene	56	U	56	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	116.667		18-112		78	SPK: -150
13127-88-3	Phenol-d6	115.317		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	78.738		18-107		79	SPK: -100
321-60-8	2-Fluorobiphenyl	77.883		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	11/3/2024 12:00:00 AM
Project:		Date Received:	11/3/2024 12:00:00 AM
Client Sample ID:	Z-04	SDG No.:	BF110724
Lab Sample ID:	P4694-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140278.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	106.036		10-116		71	SPK: -150
1718-51-0	Terphenyl-d14	60.182		10-105		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120915	6.875				
1146-65-2	Naphthalene-d8	449073	8.157				
15067-26-2	Acenaphthene-d10	246987	9.916				
1517-22-2	Phenanthrene-d10	362206	11.404				
1719-03-5	Chrysene-d12	260342	14.051				
1520-96-3	Perylene-d12	227502	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.175	
004744-10-9	Propane, 1,1-dimethoxy-	44.8	J			2.287	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	97.8	A			5.104	
000119-61-9	Benzophenone	120	J			10.628	
000057-10-3	n-Hexadecanoic acid	180	J			11.933	
000203-64-5	4H-Cyclopenta[def]phenanthrene	140	J			12.022	
000612-94-2	Naphthalene, 2-phenyl-	62.1	J			12.198	
000243-17-4	11H-Benzo[b]fluorene	61.7	J			13.174	
000082-05-3	7H-Benz[de]anthracen-7-one	58.5	J			13.898	
000301-02-0	9-Octadecenamide, (Z)-	60.8	J			14.816	
000192-97-2	Benzo[e]pyrene	45.1	J			15.21	
000205-82-3	Benzo[i]fluoranthene	200	J			15.41	

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:	JC-701-COMP-01	SDG No.:	BF110724
Lab Sample ID:	P4720-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
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
BF140279.D	1	11/7/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.4	U	57.4	180	220	ug/Kg
110-86-1	Pyridine	52.8	U	52.8	86	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64.1	U	64.1	86	110	ug/Kg
108-95-2	Phenol	54.8	U	54.8	86	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.3	U	55.3	86	110	ug/Kg
95-57-8	2-Chlorophenol	55.2	U	55.2	86	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.9	U	55.9	86	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.9	U	56.9	86	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.2	U	57.2	86	110	ug/Kg
100-51-6	Benzyl Alcohol	54.9	U	54.9	180	220	ug/Kg
95-48-7	2-Methylphenol	53.3	U	53.3	86	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60.1	U	60.1	86	110	ug/Kg
98-86-2	Acetophenone	57.5	U	57.5	86	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.8	U	52.8	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.6	U	26.6	52.9	52.9	ug/Kg
67-72-1	Hexachloroethane	54.9	U	54.9	86	110	ug/Kg
98-95-3	Nitrobenzene	60	U	60	86	110	ug/Kg
78-59-1	Isophorone	55.9	U	55.9	86	110	ug/Kg
88-75-5	2-Nitrophenol	62.5	U	62.5	86	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.6	U	61.6	86	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.7	U	56.7	86	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.9	U	49.9	86	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.5	U	56.5	86	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.6	U	54.6	86	110	ug/Kg
106-47-8	4-Chloroaniline	54.6	U	54.6	86	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.1	U	55.1	86	110	ug/Kg

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:	JC-701-COMP-01	SDG No.:	BF110724
Lab Sample ID:	P4720-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
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
BF140279.D	1	11/7/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.4	U	57.4	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.2	U	51.2	86	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.5	U	54.5	86	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.2	U	47.2	86	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.9	U	48.9	86	110	ug/Kg
92-52-4	1,1-Biphenyl	57.8	U	57.8	86	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.1	U	55.1	86	110	ug/Kg
88-74-4	2-Nitroaniline	62.8	U	62.8	86	110	ug/Kg
131-11-3	Dimethylphthalate	54	U	54	86	110	ug/Kg
208-96-8	Acenaphthylene	57.2	U	57.2	86	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	86	110	ug/Kg
99-09-2	3-Nitroaniline	59	U	59	86	110	ug/Kg
83-32-9	Acenaphthene	53.6	U	53.6	86	110	ug/Kg
Total PAH	Total PAH	876.1	U	876.1	86	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.7	U	76.7	180	220	ug/Kg
132-64-9	Dibenzofuran	55.8	U	55.8	86	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	57	86	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	112	U	112	86	220	ug/Kg
84-66-2	Diethylphthalate	53	U	53	86	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.6	U	56.6	86	110	ug/Kg
86-73-7	Fluorene	56.5	U	56.5	86	110	ug/Kg
100-01-6	4-Nitroaniline	70.7	U	70.7	86	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77.4	U	77.4	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54	U	54	86	110	ug/Kg
103-33-3	Azobenzene	52.6	U	52.6	86	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.2	U	52.2	86	110	ug/Kg
118-74-1	Hexachlorobenzene	56.2	U	56.2	86	110	ug/Kg
1912-24-9	Atrazine	60.4	U	60.4	86	110	ug/Kg

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:	JC-701-COMP-01	SDG No.:	BF110724
Lab Sample ID:	P4720-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
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
BF140279.D	1	11/7/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.1	U	51.1	180	220	ug/Kg
85-01-8	Phenanthrene	55.5	U	55.5	86	110	ug/Kg
120-12-7	Anthracene	55.8	U	55.8	86	110	ug/Kg
86-74-8	Carbazole	53.1	U	53.1	86	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.7	U	55.7	86	110	ug/Kg
206-44-0	Fluoranthene	100	J	54	86	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	79.5	J	54.9	86	110	ug/Kg
85-68-7	Butylbenzylphthalate	64	U	64	86	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.2	U	65.2	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.4	U	53.4	86	110	ug/Kg
218-01-9	Chrysene	58	J	52.6	86	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2300	E	60.2	86	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.7	U	72.7	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	79.7	J	53.6	86	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.6	U	54.6	86	110	ug/Kg
50-32-8	Benzo(a)pyrene	61.5	U	61.5	86	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.6	U	51.6	86	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.7	U	53.7	86	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	U	53	86	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.4	U	57.4	86	110	ug/Kg
123-91-1	1,4-Dioxane	72.7	U	72.7	86	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.4	U	49.4	86	110	ug/Kg
90-12-0	1-Methylnaphthalene	55	U	55	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	12.017	*	18-112		8	SPK: -150
13127-88-3	Phenol-d6	11.913	*	15-107		8	SPK: -150
4165-60-0	Nitrobenzene-d5	8.07	*	18-107		8	SPK: -100
321-60-8	2-Fluorobiphenyl	9.073	*	20-109		9	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:	JC-701-COMP-01	SDG No.:	BF110724
Lab Sample ID:	P4720-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140279.D	1	11/7/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	10.063	*	10-116		7	SPK: -150
1718-51-0	Terphenyl-d14	7.446	*	10-105		7	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117057	6.875				
1146-65-2	Naphthalene-d8	441041	8.157				
15067-26-2	Acenaphthene-d10	243083	9.916				
1517-22-2	Phenanthrene-d10	358575	11.404				
1719-03-5	Chrysene-d12	259506	14.051				
1520-96-3	Perylene-d12	230041	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.122	
007785-70-8	(1R)-2,6,6-Trimethylbicyclo[3.1.1]	100	J			6.157	
000127-91-3	.beta.-Pinene	46.3	J			6.581	
000119-61-9	Benzophenone	71.4	J			10.628	
	unknown10.951	47.8	J			10.951	
000057-10-3	n-Hexadecanoic acid	180	J			11.933	
014905-56-7	Tetradecane, 2,6,10-trimethyl-	98.5	J			16.015	

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-3(0-6)	SDG No.:	BF110724
Lab Sample ID:	P4722-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
Sample Wt/Vol:	30.06	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
BF140280.D	5	11/7/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	500	U	500	1600	1900	ug/Kg
110-86-1	Pyridine	460	U	460	750	980	ug/Kg
100-52-7	Benzaldehyde	1000	U	1000	1600	1900	ug/Kg
62-53-3	Aniline	560	U	560	750	980	ug/Kg
108-95-2	Phenol	480	U	480	750	980	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	480	U	480	750	980	ug/Kg
95-57-8	2-Chlorophenol	480	U	480	750	980	ug/Kg
95-50-1	1,2-Dichlorobenzene	490	U	490	750	980	ug/Kg
541-73-1	1,3-Dichlorobenzene	500	U	500	750	980	ug/Kg
106-46-7	1,4-Dichlorobenzene	500	U	500	750	980	ug/Kg
100-51-6	Benzyl Alcohol	480	U	480	1600	1900	ug/Kg
95-48-7	2-Methylphenol	460	U	460	750	980	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	520	U	520	750	980	ug/Kg
98-86-2	Acetophenone	500	U	500	750	980	ug/Kg
65794-96-9	3+4-Methylphenols	460	U	460	1600	1900	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	230	U	230	460	460	ug/Kg
67-72-1	Hexachloroethane	480	U	480	750	980	ug/Kg
98-95-3	Nitrobenzene	520	U	520	750	980	ug/Kg
78-59-1	Isophorone	490	U	490	750	980	ug/Kg
88-75-5	2-Nitrophenol	540	U	540	750	980	ug/Kg
105-67-9	2,4-Dimethylphenol	540	U	540	750	980	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	490	U	490	750	980	ug/Kg
120-83-2	2,4-Dichlorophenol	440	U	440	750	980	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	490	U	490	750	980	ug/Kg
65-85-0	Benzoic acid	1400	U	1400	1600	1900	ug/Kg
91-20-3	Naphthalene	480	U	480	750	980	ug/Kg
106-47-8	4-Chloroaniline	480	U	480	750	980	ug/Kg
87-68-3	Hexachlorobutadiene	480	U	480	750	980	ug/Kg

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-3(0-6)	SDG No.:	BF110724
Lab Sample ID:	P4722-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
Sample Wt/Vol:	30.06	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
BF140280.D	5	11/7/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	500	U	500	1600	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	450	U	450	750	980	ug/Kg
91-57-6	2-Methylnaphthalene	480	U	480	750	980	ug/Kg
77-47-4	Hexachlorocyclopentadiene	900	U	900	1600	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	410	U	410	750	980	ug/Kg
95-95-4	2,4,5-Trichlorophenol	430	U	430	750	980	ug/Kg
92-52-4	1,1-Biphenyl	500	U	500	750	980	ug/Kg
91-58-7	2-Chloronaphthalene	480	U	480	750	980	ug/Kg
88-74-4	2-Nitroaniline	550	U	550	750	980	ug/Kg
131-11-3	Dimethylphthalate	470	U	470	750	980	ug/Kg
208-96-8	Acenaphthylene	500	U	500	750	980	ug/Kg
606-20-2	2,6-Dinitrotoluene	480	U	480	750	980	ug/Kg
99-09-2	3-Nitroaniline	510	U	510	750	980	ug/Kg
83-32-9	Acenaphthene	470	U	470	750	980	ug/Kg
Total PAH	Total PAH	24400	U	7660	750	15680	ug/Kg
51-28-5	2,4-Dinitrophenol	1400	U	1400	1600	1900	ug/Kg
100-02-7	4-Nitrophenol	670	U	670	1600	1900	ug/Kg
132-64-9	Dibenzofuran	490	U	490	750	980	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	980	U	980	750	1960	ug/Kg
121-14-2	2,4-Dinitrotoluene	500	U	500	750	980	ug/Kg
84-66-2	Diethylphthalate	460	U	460	750	980	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	490	U	490	750	980	ug/Kg
86-73-7	Fluorene	490	U	490	750	980	ug/Kg
100-01-6	4-Nitroaniline	620	U	620	750	980	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	670	U	670	1600	1900	ug/Kg
86-30-6	n-Nitrosodiphenylamine	470	U	470	750	980	ug/Kg
103-33-3	Azobenzene	460	U	460	750	980	ug/Kg
101-55-3	4-Bromophenyl-phenylether	450	U	450	750	980	ug/Kg
118-74-1	Hexachlorobenzene	490	U	490	750	980	ug/Kg
1912-24-9	Atrazine	530	U	530	750	980	ug/Kg

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-3(0-6)	SDG No.:	BF110724
Lab Sample ID:	P4722-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
Sample Wt/Vol:	30.06	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
BF140280.D	5	11/7/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	450	U	450	1600	1900	ug/Kg
85-01-8	Phenanthrene	2700		480	750	980	ug/Kg
120-12-7	Anthracene	610	J	490	750	980	ug/Kg
86-74-8	Carbazole	460	U	460	750	980	ug/Kg
84-74-2	Di-n-butylphthalate	490	U	490	750	980	ug/Kg
206-44-0	Fluoranthene	4600		470	750	980	ug/Kg
92-87-5	Benzidine	940	U	940	1600	1900	ug/Kg
129-00-0	Pyrene	2900		480	750	980	ug/Kg
85-68-7	Butylbenzylphthalate	560	U	560	750	980	ug/Kg
91-94-1	3,3-Dichlorobenzidine	570	U	570	1600	1900	ug/Kg
56-55-3	Benzo(a)anthracene	2700		470	750	980	ug/Kg
218-01-9	Chrysene	2200		460	750	980	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	520	U	520	750	980	ug/Kg
117-84-0	Di-n-octyl phthalate	630	U	630	1600	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	3200		470	750	980	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		480	750	980	ug/Kg
50-32-8	Benzo(a)pyrene	2400		540	750	980	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	990		450	750	980	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	470	U	470	750	980	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		460	750	980	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	500	U	500	750	980	ug/Kg
123-91-1	1,4-Dioxane	630	U	630	750	980	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	430	U	430	750	980	ug/Kg
90-12-0	1-Methylnaphthalene	480	U	480	980	980	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.395		18-112		58	SPK: -150
13127-88-3	Phenol-d6	87.13		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	55.505		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	65.83		20-109		66	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-3(0-6)	SDG No.:	BF110724
Lab Sample ID:	P4722-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140280.D	5	11/7/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	68.76		10-116		46	SPK: -150
1718-51-0	Terphenyl-d14	46.135		10-105		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116141	6.875				
1146-65-2	Naphthalene-d8	437848	8.157				
15067-26-2	Acenaphthene-d10	226170	9.916				
1517-22-2	Phenanthrene-d10	319073	11.404				
1719-03-5	Chrysene-d12	257317	14.051				
1520-96-3	Perylene-d12	207144	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000613-12-7	Anthracene, 2-methyl-	440	J			11.904	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	680	J			11.933	
000203-64-5	4H-Cyclopenta[def]phenanthrene	970	J			12.022	
003674-66-6	Phenanthrene, 2,5-dimethyl-	390	J			12.457	
002381-21-7	Pyrene, 1-methyl-	430	J			13.069	
000238-84-6	11H-Benzo[a]fluorene	540	J			13.174	

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:	Z-01DL	SDG No.:	BF110724
Lab Sample ID:	P4695-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
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
BF140281.D	5	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	310	U	310	950	1200	ug/Kg
110-86-1	Pyridine	280	U	280	460	600	ug/Kg
100-52-7	Benzaldehyde	640	U	640	950	1200	ug/Kg
62-53-3	Aniline	340	U	340	460	600	ug/Kg
108-95-2	Phenol	290	U	290	460	600	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	290	U	290	460	600	ug/Kg
95-57-8	2-Chlorophenol	290	U	290	460	600	ug/Kg
95-50-1	1,2-Dichlorobenzene	300	U	300	460	600	ug/Kg
541-73-1	1,3-Dichlorobenzene	300	U	300	460	600	ug/Kg
106-46-7	1,4-Dichlorobenzene	300	U	300	460	600	ug/Kg
100-51-6	Benzyl Alcohol	290	U	290	950	1200	ug/Kg
95-48-7	2-Methylphenol	280	U	280	460	600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	320	U	320	460	600	ug/Kg
98-86-2	Acetophenone	310	U	310	460	600	ug/Kg
65794-96-9	3+4-Methylphenols	280	U	280	950	1200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	140	U	140	280	280	ug/Kg
67-72-1	Hexachloroethane	290	U	290	460	600	ug/Kg
98-95-3	Nitrobenzene	320	U	320	460	600	ug/Kg
78-59-1	Isophorone	300	U	300	460	600	ug/Kg
88-75-5	2-Nitrophenol	330	U	330	460	600	ug/Kg
105-67-9	2,4-Dimethylphenol	330	U	330	460	600	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	300	U	300	460	600	ug/Kg
120-83-2	2,4-Dichlorophenol	270	U	270	460	600	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	300	U	300	460	600	ug/Kg
65-85-0	Benzoic acid	830	U	830	950	1200	ug/Kg
91-20-3	Naphthalene	1200	D	290	460	600	ug/Kg
106-47-8	4-Chloroaniline	290	U	290	460	600	ug/Kg
87-68-3	Hexachlorobutadiene	290	U	290	460	600	ug/Kg

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:	Z-01DL	SDG No.:	BF110724
Lab Sample ID:	P4695-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
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
BF140281.D	5	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	310	U	310	950	1200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	270	U	270	460	600	ug/Kg
91-57-6	2-Methylnaphthalene	730	D	290	460	600	ug/Kg
77-47-4	Hexachlorocyclopentadiene	550	U	550	950	1200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	250	U	250	460	600	ug/Kg
95-95-4	2,4,5-Trichlorophenol	260	U	260	460	600	ug/Kg
92-52-4	1,1-Biphenyl	310	U	310	460	600	ug/Kg
91-58-7	2-Chloronaphthalene	290	U	290	460	600	ug/Kg
88-74-4	2-Nitroaniline	330	U	330	460	600	ug/Kg
131-11-3	Dimethylphthalate	290	U	290	460	600	ug/Kg
208-96-8	Acenaphthylene	300	U	300	460	600	ug/Kg
606-20-2	2,6-Dinitrotoluene	290	U	290	460	600	ug/Kg
99-09-2	3-Nitroaniline	310	U	310	460	600	ug/Kg
83-32-9	Acenaphthene	1200	D	290	460	600	ug/Kg
Total PAH	Total PAH	41730	D	4670	460	9600	ug/Kg
51-28-5	2,4-Dinitrophenol	850	U	850	950	1200	ug/Kg
100-02-7	4-Nitrophenol	410	U	410	950	1200	ug/Kg
132-64-9	Dibenzofuran	1000	D	300	460	600	ug/Kg
121-14-2	2,4-Dinitrotoluene	300	U	300	460	600	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	590	U	590	460	1200	ug/Kg
84-66-2	Diethylphthalate	280	U	280	460	600	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	300	U	300	460	600	ug/Kg
86-73-7	Fluorene	1200	D	300	460	600	ug/Kg
100-01-6	4-Nitroaniline	380	U	380	460	600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	410	U	410	950	1200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	290	U	290	460	600	ug/Kg
103-33-3	Azobenzene	280	U	280	460	600	ug/Kg
101-55-3	4-Bromophenyl-phenylether	280	U	280	460	600	ug/Kg
118-74-1	Hexachlorobenzene	300	U	300	460	600	ug/Kg
1912-24-9	Atrazine	320	U	320	460	600	ug/Kg

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:	Z-01DL	SDG No.:	BF110724
Lab Sample ID:	P4695-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
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
BF140281.D	5	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	270	U	270	950	1200	ug/Kg
85-01-8	Phenanthrene	8800	D	300	460	600	ug/Kg
120-12-7	Anthracene	2600	D	300	460	600	ug/Kg
86-74-8	Carbazole	1100	D	280	460	600	ug/Kg
84-74-2	Di-n-butylphthalate	300	U	300	460	600	ug/Kg
206-44-0	Fluoranthene	7100	D	290	460	600	ug/Kg
92-87-5	Benzidine	570	U	570	950	1200	ug/Kg
129-00-0	Pyrene	4700	D	290	460	600	ug/Kg
85-68-7	Butylbenzylphthalate	340	U	340	460	600	ug/Kg
91-94-1	3,3-Dichlorobenzidine	350	U	350	950	1200	ug/Kg
56-55-3	Benzo(a)anthracene	3600	D	280	460	600	ug/Kg
218-01-9	Chrysene	2600	D	280	460	600	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	320	U	320	460	600	ug/Kg
117-84-0	Di-n-octyl phthalate	390	U	390	950	1200	ug/Kg
205-99-2	Benzo(b)fluoranthene	3100	D	290	460	600	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100	D	290	460	600	ug/Kg
50-32-8	Benzo(a)pyrene	2500	D	330	460	600	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	850	D	270	460	600	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	290	JD	290	460	600	ug/Kg
191-24-2	Benzo(g,h,i)perylene	890	D	280	460	600	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	310	U	310	460	600	ug/Kg
123-91-1	1,4-Dioxane	390	U	390	460	600	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	260	U	260	460	600	ug/Kg
90-12-0	1-Methylnaphthalene	530	JD	290	600	600	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	101.675		18-112		68	SPK: -150
13127-88-3	Phenol-d6	101.065		15-107		67	SPK: -150
4165-60-0	Nitrobenzene-d5	67.56		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	72.47		20-109		72	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:	Z-01DL	SDG No.:	BF110724
Lab Sample ID:	P4695-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
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
BF140281.D	5	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	80.11		10-116		53	SPK: -150
1718-51-0	Terphenyl-d14	49.04		10-105		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	130202	6.875				
1146-65-2	Naphthalene-d8	472268	8.157				
15067-26-2	Acenaphthene-d10	251639	9.916				
1517-22-2	Phenanthrene-d10	342879	11.404				
1719-03-5	Chrysene-d12	280255	14.051				
1520-96-3	Perylene-d12	238735	15.539				

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:	EO-03-11062024	SDG No.:	BF110724
Lab Sample ID:	P4734-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.3
Sample Wt/Vol:	50.1	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
BF140282.D	5	11/7/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	280	U	280	860	1100	ug/Kg
110-86-1	Pyridine	260	U	260	420	540	ug/Kg
100-52-7	Benzaldehyde	580	U	580	860	1100	ug/Kg
62-53-3	Aniline	310	U	310	420	540	ug/Kg
108-95-2	Phenol	260	U	260	420	540	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270	U	270	420	540	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	420	540	ug/Kg
95-50-1	1,2-Dichlorobenzene	270	U	270	420	540	ug/Kg
541-73-1	1,3-Dichlorobenzene	270	U	270	420	540	ug/Kg
106-46-7	1,4-Dichlorobenzene	280	U	280	420	540	ug/Kg
100-51-6	Benzyl Alcohol	270	U	270	860	1100	ug/Kg
95-48-7	2-Methylphenol	260	U	260	420	540	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	290	U	290	420	540	ug/Kg
98-86-2	Acetophenone	280	U	280	420	540	ug/Kg
65794-96-9	3+4-Methylphenols	250	U	250	860	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	260	260	ug/Kg
67-72-1	Hexachloroethane	270	U	270	420	540	ug/Kg
98-95-3	Nitrobenzene	290	U	290	420	540	ug/Kg
78-59-1	Isophorone	270	U	270	420	540	ug/Kg
88-75-5	2-Nitrophenol	300	U	300	420	540	ug/Kg
105-67-9	2,4-Dimethylphenol	300	U	300	420	540	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	270	U	270	420	540	ug/Kg
120-83-2	2,4-Dichlorophenol	240	U	240	420	540	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	270	U	270	420	540	ug/Kg
65-85-0	Benzoic acid	760	U	760	860	1100	ug/Kg
91-20-3	Naphthalene	260	U	260	420	540	ug/Kg
106-47-8	4-Chloroaniline	260	U	260	420	540	ug/Kg
87-68-3	Hexachlorobutadiene	270	U	270	420	540	ug/Kg

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:	EO-03-11062024	SDG No.:	BF110724
Lab Sample ID:	P4734-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.3
Sample Wt/Vol:	50.1	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
BF140282.D	5	11/7/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	280	U	280	860	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	250	420	540	ug/Kg
91-57-6	2-Methylnaphthalene	260	U	260	420	540	ug/Kg
77-47-4	Hexachlorocyclopentadiene	500	U	500	860	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	U	230	420	540	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	420	540	ug/Kg
92-52-4	1,1-Biphenyl	280	U	280	420	540	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	420	540	ug/Kg
88-74-4	2-Nitroaniline	300	U	300	420	540	ug/Kg
131-11-3	Dimethylphthalate	260	U	260	420	540	ug/Kg
208-96-8	Acenaphthylene	280	U	280	420	540	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	U	270	420	540	ug/Kg
99-09-2	3-Nitroaniline	290	U	290	420	540	ug/Kg
83-32-9	Acenaphthene	260	U	260	420	540	ug/Kg
Total PAH	Total PAH	7720	U	4240	420	8640	ug/Kg
51-28-5	2,4-Dinitrophenol	780	U	780	860	1100	ug/Kg
100-02-7	4-Nitrophenol	370	U	370	860	1100	ug/Kg
132-64-9	Dibenzofuran	270	U	270	420	540	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	550	U	550	420	1080	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	420	540	ug/Kg
84-66-2	Diethylphthalate	260	U	260	420	540	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	270	U	270	420	540	ug/Kg
86-73-7	Fluorene	270	U	270	420	540	ug/Kg
100-01-6	4-Nitroaniline	340	U	340	420	540	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	370	U	370	860	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	260	U	260	420	540	ug/Kg
103-33-3	Azobenzene	250	U	250	420	540	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	U	250	420	540	ug/Kg
118-74-1	Hexachlorobenzene	270	U	270	420	540	ug/Kg
1912-24-9	Atrazine	290	U	290	420	540	ug/Kg

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:	EO-03-11062024	SDG No.:	BF110724
Lab Sample ID:	P4734-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.3
Sample Wt/Vol:	50.1	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
BF140282.D	5	11/7/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	250	U	250	860	1100	ug/Kg
85-01-8	Phenanthrene	1100		270	420	540	ug/Kg
120-12-7	Anthracene	270	U	270	420	540	ug/Kg
86-74-8	Carbazole	260	U	260	420	540	ug/Kg
84-74-2	Di-n-butylphthalate	270	U	270	420	540	ug/Kg
206-44-0	Fluoranthene	1600		260	420	540	ug/Kg
92-87-5	Benzidine	520	U	520	860	1100	ug/Kg
129-00-0	Pyrene	1100		270	420	540	ug/Kg
85-68-7	Butylbenzylphthalate	310	U	310	420	540	ug/Kg
91-94-1	3,3-Dichlorobenzidine	320	U	320	860	1100	ug/Kg
56-55-3	Benzo(a)anthracene	710		260	420	540	ug/Kg
218-01-9	Chrysene	630		250	420	540	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	290	420	540	ug/Kg
117-84-0	Di-n-octyl phthalate	350	U	350	860	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	850		260	420	540	ug/Kg
207-08-9	Benzo(k)fluoranthene	310	J	260	420	540	ug/Kg
50-32-8	Benzo(a)pyrene	700		300	420	540	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	330	J	250	420	540	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	260	U	260	420	540	ug/Kg
191-24-2	Benzo(g,h,i)perylene	390	J	260	420	540	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	280	420	540	ug/Kg
123-91-1	1,4-Dioxane	350	U	350	420	540	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	240	U	240	420	540	ug/Kg
90-12-0	1-Methylnaphthalene	270	U	270	540	540	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	65.755		18-112		44	SPK: -150
13127-88-3	Phenol-d6	63.555		15-107		42	SPK: -150
4165-60-0	Nitrobenzene-d5	41.885		18-107		42	SPK: -100
321-60-8	2-Fluorobiphenyl	53.015		20-109		53	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:	EO-03-11062024	SDG No.:	BF110724
Lab Sample ID:	P4734-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.3
Sample Wt/Vol:	50.1	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
BF140282.D	5	11/7/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	51.7		10-116		34	SPK: -150
1718-51-0	Terphenyl-d14	39.46		10-105		39	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	150708	6.875				
1146-65-2	Naphthalene-d8	550544	8.157				
15067-26-2	Acenaphthene-d10	269625	9.916				
1517-22-2	Phenanthrene-d10	390808	11.404				
1719-03-5	Chrysene-d12	328768	14.051				
1520-96-3	Perylene-d12	254474	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000629-59-4	Tetradecane	220	J			9.31	
1000342-70-4	1-Octadecanesulphonyl chloride	230	J			9.634	
000629-62-9	Pentadecane	260	J			9.839	
000544-76-3	Hexadecane	330	J			10.339	
000119-61-9	Benzophenone	220	J			10.622	
000629-50-5	Tridecane	550	J			10.822	
000630-02-4	Octacosane	330	J			11.269	
000132-65-0	Dibenzothiophene	240	J			11.298	
035599-77-0	Tridecane, 1-iodo-	280	J			11.692	
005129-60-2	Pentadecanoic acid, 14-methyl-, me	580	J			11.792	
000057-10-3	n-Hexadecanoic acid	710	J			11.928	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	380	J			12.016	
002566-97-4	9,12-Octadecadienoic acid, methyl	1900	J			12.486	
000057-11-4	Octadecanoic acid	230	J			12.722	

Report of Analysis

Client:		Date Collected:	11/3/2024 12:00:00 AM
Project:		Date Received:	11/3/2024 12:00:00 AM
Client Sample ID:	Z-03A	SDG No.:	BF110724
Lab Sample ID:	P4694-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
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
BF140283.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.2	U	57.2	180	220	ug/Kg
110-86-1	Pyridine	52.7	U	52.7	85.7	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.9	U	63.9	85.7	110	ug/Kg
108-95-2	Phenol	54.6	U	54.6	85.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.2	U	55.2	85.7	110	ug/Kg
95-57-8	2-Chlorophenol	55	U	55	85.7	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.8	U	55.8	85.7	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.7	U	56.7	85.7	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57	U	57	85.7	110	ug/Kg
100-51-6	Benzyl Alcohol	54.7	U	54.7	180	220	ug/Kg
95-48-7	2-Methylphenol	53.1	U	53.1	85.7	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.9	U	59.9	85.7	110	ug/Kg
98-86-2	Acetophenone	57.3	U	57.3	85.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.6	U	52.6	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.6	U	26.6	52.7	52.7	ug/Kg
67-72-1	Hexachloroethane	54.7	U	54.7	85.7	110	ug/Kg
98-95-3	Nitrobenzene	59.8	U	59.8	85.7	110	ug/Kg
78-59-1	Isophorone	55.8	U	55.8	85.7	110	ug/Kg
88-75-5	2-Nitrophenol	62.3	U	62.3	85.7	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.4	U	61.4	85.7	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.5	U	56.5	85.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.8	U	49.8	85.7	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.3	U	56.3	85.7	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	88.6	J	54.4	85.7	110	ug/Kg
106-47-8	4-Chloroaniline	54.4	U	54.4	85.7	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.9	U	54.9	85.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/3/2024 12:00:00 AM
Project:		Date Received:	11/3/2024 12:00:00 AM
Client Sample ID:	Z-03A	SDG No.:	BF110724
Lab Sample ID:	P4694-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
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
BF140283.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.2	U	57.2	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.1	U	51.1	85.7	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.4	U	54.4	85.7	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.1	U	47.1	85.7	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.8	U	48.8	85.7	110	ug/Kg
92-52-4	1,1-Biphenyl	57.6	U	57.6	85.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.9	U	54.9	85.7	110	ug/Kg
88-74-4	2-Nitroaniline	62.6	U	62.6	85.7	110	ug/Kg
131-11-3	Dimethylphthalate	53.8	U	53.8	85.7	110	ug/Kg
208-96-8	Acenaphthylene	60.2	J	57	85.7	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.8	U	54.8	85.7	110	ug/Kg
99-09-2	3-Nitroaniline	58.8	U	58.8	85.7	110	ug/Kg
83-32-9	Acenaphthene	120		53.4	85.7	110	ug/Kg
Total PAH	Total PAH	11588.8		873.1	85.7	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.4	U	76.4	180	220	ug/Kg
132-64-9	Dibenzofuran	90.2	J	55.6	85.7	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	11.6	U	111.6	85.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.8	U	56.8	85.7	110	ug/Kg
84-66-2	Diethylphthalate	52.8	U	52.8	85.7	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.4	U	56.4	85.7	110	ug/Kg
86-73-7	Fluorene	140		56.3	85.7	110	ug/Kg
100-01-6	4-Nitroaniline	70.5	U	70.5	85.7	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77.1	U	77.1	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.8	U	53.8	85.7	110	ug/Kg
103-33-3	Azobenzene	52.5	U	52.5	85.7	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	85.7	110	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	85.7	110	ug/Kg
1912-24-9	Atrazine	60.2	U	60.2	85.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/3/2024 12:00:00 AM
Project:		Date Received:	11/3/2024 12:00:00 AM
Client Sample ID:	Z-03A	SDG No.:	BF110724
Lab Sample ID:	P4694-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
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
BF140283.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.9	U	50.9	180	220	ug/Kg
85-01-8	Phenanthrene	1500		55.4	85.7	110	ug/Kg
120-12-7	Anthracene	360		55.6	85.7	110	ug/Kg
86-74-8	Carbazole	170		52.9	85.7	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.6	U	55.6	85.7	110	ug/Kg
206-44-0	Fluoranthene	2200	E	53.8	85.7	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	1600		54.7	85.7	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.8	U	63.8	85.7	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65	U	65	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1100		53.2	85.7	110	ug/Kg
218-01-9	Chrysene	860		52.4	85.7	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60	U	60	85.7	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.5	U	72.5	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		53.4	85.7	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	410		54.4	85.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	950		61.3	85.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	450		51.5	85.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140		53.5	85.7	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	510		52.8	85.7	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.2	U	57.2	85.7	110	ug/Kg
123-91-1	1,4-Dioxane	72.5	U	72.5	85.7	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.2	U	49.2	85.7	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.8	U	54.8	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	115.836		18-112		77	SPK: -150
13127-88-3	Phenol-d6	110.918		15-107		74	SPK: -150
4165-60-0	Nitrobenzene-d5	79.827		18-107		80	SPK: -100
321-60-8	2-Fluorobiphenyl	90.781		20-109		91	SPK: -100

Report of Analysis

Client:		Date Collected:	11/3/2024 12:00:00 AM
Project:		Date Received:	11/3/2024 12:00:00 AM
Client Sample ID:	Z-03A	SDG No.:	BF110724
Lab Sample ID:	P4694-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
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
BF140283.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	105.871		10-116		71	SPK: -150
1718-51-0	Terphenyl-d14	79.305		10-105		79	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	115072	6.875				
1146-65-2	Naphthalene-d8	403531	8.157				
15067-26-2	Acenaphthene-d10	185837	9.916				
1517-22-2	Phenanthrene-d10	294503	11.404				
1719-03-5	Chrysene-d12	220980	14.057				
1520-96-3	Perylene-d12	169787	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	920	J			2.146	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	95.3	A			5.098	
000119-61-9	Benzophenone	140	J			10.628	
000629-59-4	Tetradecane	73.8	J			10.822	
001430-97-3	9H-Fluorene, 2-methyl-	79.7	J			11.01	
000486-25-9	9H-Fluoren-9-one	67.9	J			11.21	
	unknown11.263	82.4	J			11.263	
000132-65-0	Dibenzothiophene	110	J			11.298	
002531-84-2	Phenanthrene, 2-methyl-	220	J			11.91	
000832-69-9	Phenanthrene, 1-methyl-	470	J			11.933	
000613-12-7	Anthracene, 2-methyl-	120	J			11.98	
000203-64-5	4H-Cyclopenta[def]phenanthrene	550	J			12.022	
003770-48-7	4-Methylcarbazole	82.4	J			12.104	
000612-94-2	Naphthalene, 2-phenyl-	150	J			12.204	
000084-65-1	9,10-Anthracenedione	120	J			12.227	
003674-66-6	Phenanthrene, 2,5-dimethyl-	180	J			12.457	
	unknown12.498	140	J			12.498	
005737-13-3	Cyclopenta(def)phenanthrenone	130	J			12.545	
033543-31-6	Fluoranthene, 2-methyl-	100	J			13.18	

Report of Analysis

Client:		Date Collected:	11/3/2024 12:00:00 AM
Project:		Date Received:	11/3/2024 12:00:00 AM
Client Sample ID:	Z-03A	SDG No.:	BF110724
Lab Sample ID:	P4694-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
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
BF140283.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	650	J			15.416	

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:	MH-8	SDG No.:	BF110724
Lab Sample ID:	P4700-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.8
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
BF140284.D	5	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	290	U	290	890	1100	ug/Kg
110-86-1	Pyridine	260	U	260	430	560	ug/Kg
100-52-7	Benzaldehyde	600	U	600	890	1100	ug/Kg
62-53-3	Aniline	320	U	320	430	560	ug/Kg
108-95-2	Phenol	270	U	270	430	560	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270	U	270	430	560	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	430	560	ug/Kg
95-50-1	1,2-Dichlorobenzene	280	U	280	430	560	ug/Kg
541-73-1	1,3-Dichlorobenzene	280	U	280	430	560	ug/Kg
106-46-7	1,4-Dichlorobenzene	280	U	280	430	560	ug/Kg
100-51-6	Benzyl Alcohol	270	U	270	890	1100	ug/Kg
95-48-7	2-Methylphenol	260	U	260	430	560	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	430	560	ug/Kg
98-86-2	Acetophenone	290	U	290	430	560	ug/Kg
65794-96-9	3+4-Methylphenols	260	U	260	890	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	260	260	ug/Kg
67-72-1	Hexachloroethane	270	U	270	430	560	ug/Kg
98-95-3	Nitrobenzene	300	U	300	430	560	ug/Kg
78-59-1	Isophorone	280	U	280	430	560	ug/Kg
88-75-5	2-Nitrophenol	310	U	310	430	560	ug/Kg
105-67-9	2,4-Dimethylphenol	310	U	310	430	560	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	280	U	280	430	560	ug/Kg
120-83-2	2,4-Dichlorophenol	250	U	250	430	560	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	280	U	280	430	560	ug/Kg
65-85-0	Benzoic acid	780	U	780	890	1100	ug/Kg
91-20-3	Naphthalene	270	U	270	430	560	ug/Kg
106-47-8	4-Chloroaniline	270	U	270	430	560	ug/Kg
87-68-3	Hexachlorobutadiene	270	U	270	430	560	ug/Kg

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:	MH-8	SDG No.:	BF110724
Lab Sample ID:	P4700-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.8
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
BF140284.D	5	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	290	U	290	890	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	250	430	560	ug/Kg
91-57-6	2-Methylnaphthalene	270	U	270	430	560	ug/Kg
77-47-4	Hexachlorocyclopentadiene	510	U	510	890	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	U	230	430	560	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	430	560	ug/Kg
92-52-4	1,1-Biphenyl	290	U	290	430	560	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	430	560	ug/Kg
88-74-4	2-Nitroaniline	310	U	310	430	560	ug/Kg
131-11-3	Dimethylphthalate	270	U	270	430	560	ug/Kg
208-96-8	Acenaphthylene	280	U	280	430	560	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	U	270	430	560	ug/Kg
99-09-2	3-Nitroaniline	290	U	290	430	560	ug/Kg
83-32-9	Acenaphthene	270	U	270	430	560	ug/Kg
Total PAH	Total PAH	4370	U	4370	430	8960	ug/Kg
51-28-5	2,4-Dinitrophenol	800	U	800	890	1100	ug/Kg
100-02-7	4-Nitrophenol	380	U	380	890	1100	ug/Kg
132-64-9	Dibenzofuran	280	U	280	430	560	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	550	U	550	430	1120	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	430	560	ug/Kg
84-66-2	Diethylphthalate	260	U	260	430	560	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	430	560	ug/Kg
86-73-7	Fluorene	280	U	280	430	560	ug/Kg
100-01-6	4-Nitroaniline	350	U	350	430	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	890	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	270	U	270	430	560	ug/Kg
103-33-3	Azobenzene	260	U	260	430	560	ug/Kg
101-55-3	4-Bromophenyl-phenylether	260	U	260	430	560	ug/Kg
118-74-1	Hexachlorobenzene	280	U	280	430	560	ug/Kg
1912-24-9	Atrazine	300	U	300	430	560	ug/Kg

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:	MH-8	SDG No.:	BF110724
Lab Sample ID:	P4700-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.8
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
BF140284.D	5	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	250	U	250	890	1100	ug/Kg
85-01-8	Phenanthrene	330	J	280	430	560	ug/Kg
120-12-7	Anthracene	280	U	280	430	560	ug/Kg
86-74-8	Carbazole	260	U	260	430	560	ug/Kg
84-74-2	Di-n-butylphthalate	280	U	280	430	560	ug/Kg
206-44-0	Fluoranthene	810		270	430	560	ug/Kg
92-87-5	Benzidine	540	U	540	890	1100	ug/Kg
129-00-0	Pyrene	650		270	430	560	ug/Kg
85-68-7	Butylbenzylphthalate	320	U	320	430	560	ug/Kg
91-94-1	3,3-Dichlorobenzidine	320	U	320	890	1100	ug/Kg
56-55-3	Benzo(a)anthracene	400	J	270	430	560	ug/Kg
218-01-9	Chrysene	320	J	260	430	560	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	300	U	300	430	560	ug/Kg
117-84-0	Di-n-octyl phthalate	360	U	360	890	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	470	J	270	430	560	ug/Kg
207-08-9	Benzo(k)fluoranthene	270	U	270	430	560	ug/Kg
50-32-8	Benzo(a)pyrene	370	J	310	430	560	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260	U	260	430	560	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	270	U	270	430	560	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260	U	260	430	560	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	290	430	560	ug/Kg
123-91-1	1,4-Dioxane	360	U	360	430	560	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	250	430	560	ug/Kg
90-12-0	1-Methylnaphthalene	270	U	270	560	560	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	65.73		18-112		44	SPK: -150
13127-88-3	Phenol-d6	64.81		15-107		43	SPK: -150
4165-60-0	Nitrobenzene-d5	42.405		18-107		42	SPK: -100
321-60-8	2-Fluorobiphenyl	55		20-109		55	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:	MH-8	SDG No.:	BF110724
Lab Sample ID:	P4700-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.8
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
BF140284.D	5	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	59.045		10-116		39	SPK: -150
1718-51-0	Terphenyl-d14	45.52		10-105		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	137866	6.875				
1146-65-2	Naphthalene-d8	483639	8.157				
15067-26-2	Acenaphthene-d10	221709	9.916				
1517-22-2	Phenanthrene-d10	369560	11.404				
1719-03-5	Chrysene-d12	272097	14.057				
1520-96-3	Perylene-d12	205210	15.557				

Hit Summary Sheet SW-846

SDG No.: BF110724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : BP-G5-WC								
P4693-01	BP-G5-WC	Solid	11H-Benzo[a]fluoren-11-one	*	61.600	J		
P4693-01	BP-G5-WC	Solid	11H-Benzo[b]fluorene	*	64.900	J		
P4693-01	BP-G5-WC	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	160.000	J		
P4693-01	BP-G5-WC	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	88.800	A		
P4693-01	BP-G5-WC	Solid	Benz[a]anthracene, 2-methyl-	*	86.500	J		
P4693-01	BP-G5-WC	Solid	Benzene, 1,2,4-trimethyl-	*	48.400	J		
P4693-01	BP-G5-WC	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	47.900	J		
P4693-01	BP-G5-WC	Solid	Benzo[e]pyrene	*	230.000	J		
P4693-01	BP-G5-WC	Solid	Benzophenone	*	110.000	J		
P4693-01	BP-G5-WC	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P4693-01	BP-G5-WC	Solid	Phenanthrene, 2,5-dimethyl-	*	69.500	J		
P4693-01	BP-G5-WC	Solid	Phenanthrene, 4-methyl-	*	83.700	J		
P4693-01	BP-G5-WC	Solid	Pyrene, 1-methyl-	*	69.300	J		
P4693-01	BP-G5-WC	Solid	Pyrene, 4-methyl-	*	54.900	J		
P4693-01	BP-G5-WC	Solid	Toluene	*	73.200	J		
Total Tics :					2,348.70			
P4693-01	BP-G5-WC	Solid	Benzo(a)anthracene		380.000	56.3	120	ug/Kg
P4693-01	BP-G5-WC	Solid	Benzo(a)pyrene		320.000	64.9	120	ug/Kg
P4693-01	BP-G5-WC	Solid	Benzo(b)fluoranthene		390.000	56.6	120	ug/Kg
P4693-01	BP-G5-WC	Solid	Benzo(g,h,i)perylene		160.000	55.9	120	ug/Kg
P4693-01	BP-G5-WC	Solid	Benzo(k)fluoranthene		140.000	57.6	120	ug/Kg
P4693-01	BP-G5-WC	Solid	Chrysene		330.000	55.5	120	ug/Kg
P4693-01	BP-G5-WC	Solid	Fluoranthene		310.000	57	120	ug/Kg
P4693-01	BP-G5-WC	Solid	Indeno(1,2,3-cd)pyrene		140.000	54.5	120	ug/Kg
P4693-01	BP-G5-WC	Solid	Phenanthrene		75.400	J 58.6	120	ug/Kg
P4693-01	BP-G5-WC	Solid	Pyrene		420.000	57.9	120	ug/Kg
Total Svoc :					2,665.40			
Total Concentration:					5,014.10			
Client ID : BP-G4-WC								
P4693-05	BP-G4-WC	Solid	13-Docosenamide, (Z)-	*	110.000	J		
P4693-05	BP-G4-WC	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	75.300	A		
P4693-05	BP-G4-WC	Solid	Benzophenone	*	150.000	J		
P4693-05	BP-G4-WC	Solid	Butane, 2-methoxy-2-methyl-	*	1,600.000	J		
P4693-05	BP-G4-WC	Solid	n-Hexadecanoic acid	*	220.000	J		
P4693-05	BP-G4-WC	Solid	Octadecanoic acid	*	52.100	J		
P4693-05	BP-G4-WC	Solid	Pentadecafluorooctanoic acid, oct	*	170.000	J		
P4693-05	BP-G4-WC	Solid	Propane, 1,1-dimethoxy-	*	48.700	J		

Hit Summary Sheet SW-846

SDG No.: BF110724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4693-05	BP-G4-WC	Solid	unknown14.492	*	690.000	J		
			Total Tics :		3,116.10			
			Total Concentration:		3,116.10			
Client ID : Z-03A								
P4694-01	Z-03A	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	95.300	A		
P4694-01	Z-03A	Solid	4-Methylcarbazole	*	82.400	J		
P4694-01	Z-03A	Solid	4H-Cyclopenta[def]phenanthrene	*	550.000	J		
P4694-01	Z-03A	Solid	9,10-Anthracenedione	*	120.000	J		
P4694-01	Z-03A	Solid	9H-Fluorene-9-one	*	67.900	J		
P4694-01	Z-03A	Solid	9H-Fluorene, 2-methyl-	*	79.700	J		
P4694-01	Z-03A	Solid	Anthracene, 2-methyl-	*	120.000	J		
P4694-01	Z-03A	Solid	Benzo[e]pyrene	*	650.000	J		
P4694-01	Z-03A	Solid	Benzophenone	*	140.000	J		
P4694-01	Z-03A	Solid	Butane, 2-methoxy-2-methyl-	*	920.000	J		
P4694-01	Z-03A	Solid	Cyclopenta(def)phenanthrenone	*	130.000	J		
P4694-01	Z-03A	Solid	Dibenzothiophene	*	110.000	J		
P4694-01	Z-03A	Solid	Fluoranthene, 2-methyl-	*	100.000	J		
P4694-01	Z-03A	Solid	Naphthalene, 2-phenyl-	*	150.000	J		
P4694-01	Z-03A	Solid	Phenanthrene, 1-methyl-	*	470.000	J		
P4694-01	Z-03A	Solid	Phenanthrene, 2,5-dimethyl-	*	180.000	J		
P4694-01	Z-03A	Solid	Phenanthrene, 2-methyl-	*	220.000	J		
P4694-01	Z-03A	Solid	Tetradecane	*	73.800	J		
P4694-01	Z-03A	Solid	unknown11.263	*	82.400	J		
P4694-01	Z-03A	Solid	unknown12.498	*	140.000	J		
			Total Tics :		4,481.50			
P4694-01	Z-03A	Solid	Acenaphthene		120.000		53.4	110 ug/Kg
P4694-01	Z-03A	Solid	Acenaphthylene		60.200	J	57	110 ug/Kg
P4694-01	Z-03A	Solid	Anthracene		360.000		55.6	110 ug/Kg
P4694-01	Z-03A	Solid	Benzo(a)anthracene		1,100.000		53.2	110 ug/Kg
P4694-01	Z-03A	Solid	Benzo(a)pyrene		950.000		61.3	110 ug/Kg
P4694-01	Z-03A	Solid	Benzo(b)fluoranthene		1,100.000		53.4	110 ug/Kg
P4694-01	Z-03A	Solid	Benzo(g,h,i)perylene		510.000		52.8	110 ug/Kg
P4694-01	Z-03A	Solid	Benzo(k)fluoranthene		410.000		54.4	110 ug/Kg
P4694-01	Z-03A	Solid	Carbazole		170.000		52.9	110 ug/Kg
P4694-01	Z-03A	Solid	Chrysene		860.000		52.4	110 ug/Kg
P4694-01	Z-03A	Solid	Dibenzo(a,h)anthracene		140.000		53.5	110 ug/Kg
P4694-01	Z-03A	Solid	Dibenzofuran		90.200	J	55.6	110 ug/Kg
P4694-01	Z-03A	Solid	Fluoranthene		2,200.000	E	53.8	110 ug/Kg
P4694-01	Z-03A	Solid	Fluorene		140.000		56.3	110 ug/Kg
P4694-01	Z-03A	Solid	Indeno(1,2,3-cd)pyrene		450.000		51.5	110 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF110724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4694-01	Z-03A	Solid	Naphthalene	88.600	J	54.4	110	ug/Kg
P4694-01	Z-03A	Solid	Phenanthrene	1,500.000		55.4	110	ug/Kg
P4694-01	Z-03A	Solid	Pyrene	1,600.000		54.7	110	ug/Kg
P4694-01	Z-03A	Solid	Total PAH	11,588.000		873.1	1760	ug/Kg
Total Svoc :				23,437.00				
Total Concentration:				27,918.50				
Client ID : Z-04								
P4694-05	Z-04	Solid	11H-Benzo[b]fluorene	*	61.700	J		
P4694-05	Z-04	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	97.800	A		
P4694-05	Z-04	Solid	4H-Cyclopenta[def]phenanthrene	*	140.000	J		
P4694-05	Z-04	Solid	7H-Benz[de]anthracen-7-one	*	58.500	J		
P4694-05	Z-04	Solid	9-Octadecenamide, (Z)-	*	60.800	J		
P4694-05	Z-04	Solid	Benzo[e]pyrene	*	45.100	J		
P4694-05	Z-04	Solid	Benzo[j]fluoranthene	*	200.000	J		
P4694-05	Z-04	Solid	Benzophenone	*	120.000	J		
P4694-05	Z-04	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P4694-05	Z-04	Solid	n-Hexadecanoic acid	*	180.000	J		
P4694-05	Z-04	Solid	Naphthalene, 2-phenyl-	*	62.100	J		
P4694-05	Z-04	Solid	Propane, 1,1-dimethoxy-	*	44.800	J		
Total Tics :				2,170.80				
P4694-05	Z-04	Solid	Anthracene		110.000	56.8	110	ug/Kg
P4694-05	Z-04	Solid	Benzo(a)anthracene		370.000	54.3	110	ug/Kg
P4694-05	Z-04	Solid	Benzo(a)pyrene		360.000	62.6	110	ug/Kg
P4694-05	Z-04	Solid	Benzo(b)fluoranthene		430.000	54.6	110	ug/Kg
P4694-05	Z-04	Solid	Benzo(g,h,i)perylene		160.000	53.9	110	ug/Kg
P4694-05	Z-04	Solid	Benzo(k)fluoranthene		190.000	55.6	110	ug/Kg
P4694-05	Z-04	Solid	Carbazole		62.500	J 54	110	ug/Kg
P4694-05	Z-04	Solid	Chrysene		350.000	53.5	110	ug/Kg
P4694-05	Z-04	Solid	Fluoranthene		680.000	55	110	ug/Kg
P4694-05	Z-04	Solid	Indeno(1,2,3-cd)pyrene		140.000	52.5	110	ug/Kg
P4694-05	Z-04	Solid	Phenanthrene		520.000	56.5	110	ug/Kg
P4694-05	Z-04	Solid	Pyrene		510.000	55.8	110	ug/Kg
Total Svoc :				3,882.50				
Total Concentration:				6,053.30				
Client ID : Z-01								
P4695-01	Z-01	Solid	1,1-Binaphthalene	*	340.000	J		
P4695-01	Z-01	Solid	1-Isopropenyl-naphthalene	*	150.000	J		
P4695-01	Z-01	Solid	4H-Cyclopenta[def]phenanthrene	*	120.000	J		
P4695-01	Z-01	Solid	Acetamide, N-cycloheptyl-2,2-dip	*	190.000	J		

Hit Summary Sheet
SW-846

SDG No.: BF110724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4695-01	Z-01	Solid	Benzene, [1-(2,4-cyclopentadien-1 *	280.000	J			
P4695-01	Z-01	Solid	Benzo[e]pyrene	*	450.000	J		
P4695-01	Z-01	Solid	Butane, 2-methoxy-2-methyl-	*	980.000	J		
P4695-01	Z-01	Solid	Dibenzo[def,mno]chrysene	*	320.000	J		
P4695-01	Z-01	Solid	Dibenzofuran, 4-methyl-	*	520.000	J		
P4695-01	Z-01	Solid	Dinaphtho[1,2-b:1,2-d]furan	*	340.000	J		
P4695-01	Z-01	Solid	Naphthalene, 1,2-dimethyl-	*	280.000	J		
P4695-01	Z-01	Solid	Naphthalene, 1,6,7-trimethyl-	*	150.000	J		
P4695-01	Z-01	Solid	Naphthalene, 1,6-dimethyl-	*	400.000	J		
P4695-01	Z-01	Solid	Naphthalene, 2,3,6-trimethyl-	*	220.000	J		
P4695-01	Z-01	Solid	Naphthalene, 2,6-dimethyl-	*	290.000	J		
P4695-01	Z-01	Solid	Naphthalene, 2,7-dimethyl-	*	180.000	J		
P4695-01	Z-01	Solid	Pentaphene	*	160.000	J		
P4695-01	Z-01	Solid	Perylene	*	1,500.000	J		
P4695-01	Z-01	Solid	Picene	*	250.000	J		
P4695-01	Z-01	Solid	Pyrene, 1-methyl-	*	150.000	J		
Total Tics :				7,270.00				
P4695-01	Z-01	Solid	1,1-Biphenyl	180.000		61.5	120	ug/Kg
P4695-01	Z-01	Solid	1-Methylnaphthalene	570.000		58.5	120	ug/Kg
P4695-01	Z-01	Solid	2,4-Dimethylphenol	120.000		65.5	120	ug/Kg
P4695-01	Z-01	Solid	2-Methylnaphthalene	770.000		58	120	ug/Kg
P4695-01	Z-01	Solid	3+4-Methylphenols	130.000	J	56.1	230	ug/Kg
P4695-01	Z-01	Solid	Acenaphthene	1,200.000		57	120	ug/Kg
P4695-01	Z-01	Solid	Acenaphthylene	130.000		60.8	120	ug/Kg
P4695-01	Z-01	Solid	Anthracene	2,300.000	E	59.4	120	ug/Kg
P4695-01	Z-01	Solid	Benzo(a)anthracene	3,700.000	E	56.8	120	ug/Kg
P4695-01	Z-01	Solid	Benzo(a)pyrene	2,500.000	E	65.4	120	ug/Kg
P4695-01	Z-01	Solid	Benzo(b)fluoranthene	2,700.000	E	57	120	ug/Kg
P4695-01	Z-01	Solid	Benzo(g,h,i)perylene	860.000		56.3	120	ug/Kg
P4695-01	Z-01	Solid	Benzo(k)fluoranthene	1,200.000		58.1	120	ug/Kg
P4695-01	Z-01	Solid	Carbazole	1,100.000		56.5	120	ug/Kg
P4695-01	Z-01	Solid	Chrysene	2,900.000	E	55.9	120	ug/Kg
P4695-01	Z-01	Solid	Dibenzo(a,h)anthracene	290.000		57.1	120	ug/Kg
P4695-01	Z-01	Solid	Dibenzofuran	1,000.000		59.4	120	ug/Kg
P4695-01	Z-01	Solid	Fluoranthene	5,400.000	E	57.5	120	ug/Kg
P4695-01	Z-01	Solid	Fluorene	1,200.000		60.1	120	ug/Kg
P4695-01	Z-01	Solid	Indeno(1,2,3-cd)pyrene	830.000		54.9	120	ug/Kg
P4695-01	Z-01	Solid	Naphthalene	1,200.000		58.1	120	ug/Kg
P4695-01	Z-01	Solid	Phenanthrene	7,500.000	E	59.1	120	ug/Kg
P4695-01	Z-01	Solid	Phenol	59.000	J	58.3	120	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF110724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4695-01	Z-01	Solid	Pyrene	4,800.000	E	58.4	120	ug/Kg
P4695-01	Z-01	Solid	Total PAH	38,710.000		931.9	1920	ug/Kg
Total Svoc :				81,349.00				
Total Concentration:				88,619.00				

Client ID : Z-01DL

P4695-01DL	Z-01DL	Solid	1-Methylnaphthalene	530.000	JD	290	600	ug/Kg
P4695-01DL	Z-01DL	Solid	2-Methylnaphthalene	730.000	D	290	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Acenaphthene	1,200.000	D	290	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Anthracene	2,600.000	D	300	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Benzo(a)anthracene	3,600.000	D	280	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Benzo(a)pyrene	2,500.000	D	330	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Benzo(b)fluoranthene	3,100.000	D	290	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Benzo(g,h,i)perylene	890.000	D	280	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Benzo(k)fluoranthene	1,100.000	D	290	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Carbazole	1,100.000	D	280	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Chrysene	2,600.000	D	280	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Dibenzo(a,h)anthracene	290.000	JD	290	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Dibenzofuran	1,000.000	D	300	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Fluoranthene	7,100.000	D	290	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Fluorene	1,200.000	D	300	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Indeno(1,2,3-cd)pyrene	850.000	D	270	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Naphthalene	1,200.000	D	290	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Phenanthrene	8,800.000	D	300	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Pyrene	4,700.000	D	290	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Total PAH	41,730.000	D	4670	9600	ug/Kg
Total Svoc :				86,820.00				
Total Concentration:				86,820.00				

Client ID : TP-1

P4697-01	TP-1	Solid	2-Pentanone, 4-hydroxy-4-methyl *	95.100	A			
P4697-01	TP-1	Solid	Benzophenone *	120.000	J			
P4697-01	TP-1	Solid	Butane, 2-methoxy-2-methyl- *	1,200.000	J			
P4697-01	TP-1	Solid	n-Hexadecanoic acid *	140.000	J			
P4697-01	TP-1	Solid	Pentadecafluorooctanoic acid, oct: *	130.000	J			
Total Tics :				1,685.10				
Total Concentration:				1,685.10				

Client ID : MH-8

P4700-01	MH-8	Solid	Benzo(a)anthracene	400.000	J	270	560	ug/Kg
P4700-01	MH-8	Solid	Benzo(a)pyrene	370.000	J	310	560	ug/Kg
P4700-01	MH-8	Solid	Benzo(b)fluoranthene	470.000	J	270	560	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF110724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4700-01	MH-8	Solid	Chrysene	320.000	J	260	560	ug/Kg
P4700-01	MH-8	Solid	Fluoranthene	810.000		270	560	ug/Kg
P4700-01	MH-8	Solid	Phenanthrene	330.000	J	280	560	ug/Kg
P4700-01	MH-8	Solid	Pyrene	650.000		270	560	ug/Kg
Total Svoc :				3,350.00				
Total Concentration:				3,350.00				

Client ID : BP-F3

P4701-01	BP-F3	Solid	.gamma.-Sitosterol	*	100.000	J		
P4701-01	BP-F3	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	110.000	A		
P4701-01	BP-F3	Solid	Benzophenone	*	130.000	J		
P4701-01	BP-F3	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P4701-01	BP-F3	Solid	Docosane, 1-iodo-	*	120.000	J		
P4701-01	BP-F3	Solid	Eicosane	*	270.000	J		
P4701-01	BP-F3	Solid	Heneicosane	*	270.000	J		
P4701-01	BP-F3	Solid	Heptadecane, 9-octyl-	*	330.000	J		
P4701-01	BP-F3	Solid	Hexacosane	*	270.000	J		
P4701-01	BP-F3	Solid	n-Hexadecanoic acid	*	230.000	J		
P4701-01	BP-F3	Solid	Octacosane	*	140.000	J		
P4701-01	BP-F3	Solid	Octacosane, 2-methyl-	*	230.000	J		
P4701-01	BP-F3	Solid	Octadecanoic acid	*	76.400	J		
P4701-01	BP-F3	Solid	Pentadecafluorooctanoic acid, pen	*	110.000	J		
P4701-01	BP-F3	Solid	Tetracosane	*	190.000	J		
P4701-01	BP-F3	Solid	Tetratetracontane	*	130.000	J		
P4701-01	BP-F3	Solid	unknown17.609	*	150.000	J		
Total Tics :				3,956.40				
Total Concentration:				3,956.40				

Client ID : BP-F4

P4701-05	BP-F4	Solid	13-Docosenamide, (Z)-	*	97.000	J		
P4701-05	BP-F4	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	A		
P4701-05	BP-F4	Solid	Benzophenone	*	110.000	J		
P4701-05	BP-F4	Solid	Butane, 2-methoxy-2-methyl-	*	950.000	J		
P4701-05	BP-F4	Solid	Heptadecyl heptafluorobutyrate	*	120.000	J		
P4701-05	BP-F4	Solid	n-Hexadecanoic acid	*	130.000	J		
Total Tics :				1,547.00				
Total Concentration:				1,547.00				

Client ID : HD-02-110424

P4707-01	HD-02-110424	Solid	1,19-Eicosadiene	*	73.400	J		
P4707-01	HD-02-110424	Solid	1-Tricosene	*	110.000	J		
P4707-01	HD-02-110424	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	260.000	A		

Hit Summary Sheet SW-846

SDG No.: BF110724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4707-01	HD-02-110424	Solid	4H-Cyclopenta[def]phenanthrene	*	52.700	J		
P4707-01	HD-02-110424	Solid	Benzo[e]pyrene	*	110.000	J		
P4707-01	HD-02-110424	Solid	Benzophenone	*	55.900	J		
P4707-01	HD-02-110424	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P4707-01	HD-02-110424	Solid	Coronene	*	170.000	J		
P4707-01	HD-02-110424	Solid	n-Hexadecanoic acid	*	200.000	J		
P4707-01	HD-02-110424	Solid	Octadecanal	*	140.000	J		
P4707-01	HD-02-110424	Solid	Octadecane	*	82.100	J		
P4707-01	HD-02-110424	Solid	Oxirane, hexadecyl-	*	95.600	J		
P4707-01	HD-02-110424	Solid	Tetracosane	*	110.000	J		
Total Tics :					2,559.70			
P4707-01	HD-02-110424	Solid	Benzo(a)anthracene		180.000	51.6	110	ug/Kg
P4707-01	HD-02-110424	Solid	Benzo(a)pyrene		210.000	59.5	110	ug/Kg
P4707-01	HD-02-110424	Solid	Benzo(b)fluoranthene		240.000	51.9	110	ug/Kg
P4707-01	HD-02-110424	Solid	Benzo(g,h,i)perylene	J	100.000	51.3	110	ug/Kg
P4707-01	HD-02-110424	Solid	Benzo(k)fluoranthene		110.000	52.9	110	ug/Kg
P4707-01	HD-02-110424	Solid	Chrysene		160.000	50.9	110	ug/Kg
P4707-01	HD-02-110424	Solid	Fluoranthene		270.000	52.3	110	ug/Kg
P4707-01	HD-02-110424	Solid	Indeno(1,2,3-cd)pyrene	J	92.600	50	110	ug/Kg
P4707-01	HD-02-110424	Solid	Phenanthrene		120.000	53.8	110	ug/Kg
P4707-01	HD-02-110424	Solid	Pyrene		210.000	53.1	110	ug/Kg
Total Svoc :					1,692.60			
Total Concentration:					4,252.30			
Client ID : WB-307-SB01								
P4718-01	WB-307-SB01	Solid	2-Bromo dodecane	*	190.000	J		
P4718-01	WB-307-SB01	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	870.000	A		
P4718-01	WB-307-SB01	Solid	Benzophenone	*	380.000	J		
P4718-01	WB-307-SB01	Solid	Butane, 2-methoxy-2-methyl-	*	3,700.000	J		
P4718-01	WB-307-SB01	Solid	Dodecane, 2,6,10-trimethyl-	*	550.000	J		
P4718-01	WB-307-SB01	Solid	n-Hexadecanoic acid	*	550.000	J		
P4718-01	WB-307-SB01	Solid	Oleic Acid	*	120.000	J		
P4718-01	WB-307-SB01	Solid	Pentacosane	*	680.000	J		
P4718-01	WB-307-SB01	Solid	Pentadecane	*	730.000	J		
P4718-01	WB-307-SB01	Solid	Pentadecane, 7-methyl-	*	130.000	J		
P4718-01	WB-307-SB01	Solid	Propane, 1,1-dimethoxy-	*	130.000	J		
P4718-01	WB-307-SB01	Solid	Sulfurous acid, 2-ethylhexyl tride	*	180.000	J		
P4718-01	WB-307-SB01	Solid	Tetradecane	*	1,700.000	J		
P4718-01	WB-307-SB01	Solid	trans, cis-3-Ethylbicyclo[4.4.0]de	*	100.000	J		
P4718-01	WB-307-SB01	Solid	Tridecane	*	700.000	J		
P4718-01	WB-307-SB01	Solid	Trifluoroacetic acid, pentadecyl e	*	240.000	J		

Hit Summary Sheet SW-846

SDG No.: BF110724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4718-01	WB-307-SB01	Solid	Undecane, 3-methyl-	*	150.000	J		
P4718-01	WB-307-SB01	Solid	Undecane, 5,5-dimethyl-	*	150.000	J		
P4718-01	WB-307-SB01	Solid	unknown8.804	*	160.000	J		
P4718-01	WB-307-SB01	Solid	unknown9.034	*	230.000	J		
Total Tics :					11,640.00			
Total Concentration:					11,640.00			
Client ID : WB-307-SB02								
P4718-02	WB-307-SB02	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	790.000	A		
P4718-02	WB-307-SB02	Solid	Benzophenone	*	360.000	J		
P4718-02	WB-307-SB02	Solid	Butane, 2-methoxy-2-methyl-	*	3,500.000	J		
P4718-02	WB-307-SB02	Solid	Heptadecyl heptafluorobutyrate	*	210.000	J		
P4718-02	WB-307-SB02	Solid	n-Hexadecanoic acid	*	460.000	J		
P4718-02	WB-307-SB02	Solid	Propane, 1,1-dimethoxy-	*	120.000	J		
Total Tics :					5,440.00			
Total Concentration:					5,440.00			
Client ID : BAYAVE-STOCKPILE								
P4719-01	BAYAVE-STOCKPILE	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	230.000	A		
P4719-01	BAYAVE-STOCKPILE	Solid	Benzophenone	*	79.400	J		
P4719-01	BAYAVE-STOCKPILE	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P4719-01	BAYAVE-STOCKPILE	Solid	Cyclopentadecane	*	68.500	J		
P4719-01	BAYAVE-STOCKPILE	Solid	n-Hexadecanoic acid	*	66.500	J		
Total Tics :					1,544.40			
Total Concentration:					1,544.40			
Client ID : JC-701-COMP-01								
P4720-01	JC-701-COMP-01	Solid	(1R)-2,6,6-Trimethylbicyclo[3.1.1]	*	100.000	J		
P4720-01	JC-701-COMP-01	Solid	.beta.-Pinene	*	46.300	J		
P4720-01	JC-701-COMP-01	Solid	Benzophenone	*	71.400	J		
P4720-01	JC-701-COMP-01	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P4720-01	JC-701-COMP-01	Solid	n-Hexadecanoic acid	*	180.000	J		
P4720-01	JC-701-COMP-01	Solid	Tetradecane, 2,6,10-trimethyl-	*	98.500	J		
P4720-01	JC-701-COMP-01	Solid	unknown10.951	*	47.800	J		
Total Tics :					1,644.00			
P4720-01	JC-701-COMP-01	Solid	Benzo(b)fluoranthene		79.700	J	53.6	110 ug/Kg
P4720-01	JC-701-COMP-01	Solid	Bis(2-ethylhexyl)phthalate		2,300.000	E	60.2	110 ug/Kg
P4720-01	JC-701-COMP-01	Solid	Chrysene		58.000	J	52.6	110 ug/Kg
P4720-01	JC-701-COMP-01	Solid	Fluoranthene		100.000	J	54	110 ug/Kg
P4720-01	JC-701-COMP-01	Solid	Pyrene		79.500	J	54.9	110 ug/Kg
Total Svoc :					2,617.20			
Total Concentration:					4,261.20			

Hit Summary Sheet SW-846

SDG No.: BF110724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-3(0-6)								
P4722-13	WC-3(0-6)	Solid	11H-Benzo[a]fluorene	*	540.000	J		
P4722-13	WC-3(0-6)	Solid	1H-Cyclopropa[1]phenanthrene,1a	*	680.000	J		
P4722-13	WC-3(0-6)	Solid	4H-Cyclopenta[def]phenanthrene	*	970.000	J		
P4722-13	WC-3(0-6)	Solid	Anthracene, 2-methyl-	*	440.000	J		
P4722-13	WC-3(0-6)	Solid	Phenanthrene, 2,5-dimethyl-	*	390.000	J		
P4722-13	WC-3(0-6)	Solid	Pyrene, 1-methyl-	*	430.000	J		
Total Tics :				3,450.00				
P4722-13	WC-3(0-6)	Solid	Anthracene		610.000	J	490	ug/Kg
P4722-13	WC-3(0-6)	Solid	Benzo(a)anthracene		2,700.000		470	ug/Kg
P4722-13	WC-3(0-6)	Solid	Benzo(a)pyrene		2,400.000		540	ug/Kg
P4722-13	WC-3(0-6)	Solid	Benzo(b)fluoranthene		3,200.000		470	ug/Kg
P4722-13	WC-3(0-6)	Solid	Benzo(g,h,i)perylene		1,000.000		460	ug/Kg
P4722-13	WC-3(0-6)	Solid	Benzo(k)fluoranthene		1,100.000		480	ug/Kg
P4722-13	WC-3(0-6)	Solid	Chrysene		2,200.000		460	ug/Kg
P4722-13	WC-3(0-6)	Solid	Fluoranthene		4,600.000		470	ug/Kg
P4722-13	WC-3(0-6)	Solid	Indeno(1,2,3-cd)pyrene		990.000		450	ug/Kg
P4722-13	WC-3(0-6)	Solid	Phenanthrene		2,700.000		480	ug/Kg
P4722-13	WC-3(0-6)	Solid	Pyrene		2,900.000		480	ug/Kg
Total Svoc :				24,400.00				
Total Concentration:				27,850.00				
Client ID : EO-03-11062024								
P4734-01	EO-03-11062024	Solid	1-Octadecanesulphonyl chloride	*	230.000	J		
P4734-01	EO-03-11062024	Solid	9,12-Octadecadienoic acid, methy	*	1,900.000	J		
P4734-01	EO-03-11062024	Solid	Benzaldehyde, 3,5-dichloro-2-hyd	*	380.000	J		
P4734-01	EO-03-11062024	Solid	Benzophenone	*	220.000	J		
P4734-01	EO-03-11062024	Solid	Dibenzothiophene	*	240.000	J		
P4734-01	EO-03-11062024	Solid	Hexadecane	*	330.000	J		
P4734-01	EO-03-11062024	Solid	n-Hexadecanoic acid	*	710.000	J		
P4734-01	EO-03-11062024	Solid	Octacosane	*	330.000	J		
P4734-01	EO-03-11062024	Solid	Octadecanoic acid	*	230.000	J		
P4734-01	EO-03-11062024	Solid	Pentadecane	*	260.000	J		
P4734-01	EO-03-11062024	Solid	Pentadecanoic acid, 14-methyl-, n	*	580.000	J		
P4734-01	EO-03-11062024	Solid	Tetradecane	*	220.000	J		
P4734-01	EO-03-11062024	Solid	Tridecane	*	550.000	J		
P4734-01	EO-03-11062024	Solid	Tridecane, 1-iodo-	*	280.000	J		
Total Tics :				6,460.00				
P4734-01	EO-03-11062024	Solid	Benzo(a)anthracene		710.000		260	ug/Kg
P4734-01	EO-03-11062024	Solid	Benzo(a)pyrene		700.000		300	ug/Kg
P4734-01	EO-03-11062024	Solid	Benzo(b)fluoranthene		850.000		260	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BF110724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4734-01	EO-03-11062024	Solid	Benzo(g,h,i)perylene	390.000	J	260	540	ug/Kg
P4734-01	EO-03-11062024	Solid	Benzo(k)fluoranthene	310.000	J	260	540	ug/Kg
P4734-01	EO-03-11062024	Solid	Chrysene	630.000		250	540	ug/Kg
P4734-01	EO-03-11062024	Solid	Fluoranthene	1,600.000		260	540	ug/Kg
P4734-01	EO-03-11062024	Solid	Indeno(1,2,3-cd)pyrene	330.000	J	250	540	ug/Kg
P4734-01	EO-03-11062024	Solid	Phenanthrene	1,100.000		270	540	ug/Kg
P4734-01	EO-03-11062024	Solid	Pyrene	1,100.000		270	540	ug/Kg
Total Svoc :				7,720.00				
Total Concentration:				14,180.00				



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF110524 SAS No.: BF110524 SDG No.: BF110524
Instrument ID: _____ Calibration Date(s): 11/5/2024 : _____
Calibration Time(s): 12:26 _____

LAB FILE ID:		RRF2.5 = BF140231.D			RRF005 = BF140232.D		RRF010 = BF140233.D	
		RRF020 = BF140234.D			RRF040 = BF140235.D		RRF050 = BF140236.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.799	0.792	0.802	0.780	0.767	0.782	2.5
Pyridine		1.464	1.445	1.402	1.340	1.296	1.354	6.3
2-Fluorophenol		1.359	1.298	1.261	1.159	1.138	1.207	8.3
Benzaldehyde		1.159	1.137	1.085	0.949	0.839	0.956	18.5
Aniline		1.609	1.513	1.499	1.365	1.316	1.402	10.0
Phenol-d6		1.765	1.679	1.604	1.495	1.462	1.552	8.7
Phenol		1.863	1.779	1.752	1.593	1.575	1.649	9.2
bis(2-Chloroethyl)ether		1.417	1.354	1.285	1.209	1.201	1.252	8.6
2-Chlorophenol		1.441	1.385	1.311	1.214	1.187	1.263	9.4
1,2-Dichlorobenzene		1.622	1.553	1.494	1.309	1.291	1.394	11.5
1,3-Dichlorobenzene		1.690	1.605	1.555	1.413	1.387	1.480	9.2
1,4-Dichlorobenzene		1.720	1.636	1.551	1.423	1.393	1.492	9.8
Benzyl Alcohol		1.282	1.280	1.258	1.182	1.147	1.197	6.6
2-Methylphenol		1.155	1.105	1.086	1.028	1.005	1.053	6.1
2,2-oxybis(1-Chloropropane)		2.305	2.213	2.143	1.958	1.910	2.027	9.7
Acetophenone		0.564	0.535	0.512	0.474	0.461	0.496	8.4
3+4-Methylphenols		1.503	1.446	1.403	1.277	1.240	1.323	9.7
n-Nitroso-di-n-propylamine	1.035	1.117	1.062	1.015	0.949	0.923	0.990	8.0
Nitrobenzene-d5		0.435	0.420	0.415	0.392	0.387	0.402	5.2
Hexachloroethane		0.612	0.603	0.576	0.533	0.524	0.556	7.4
Nitrobenzene		0.452	0.442	0.436	0.414	0.407	0.422	5.0
Isophorone		0.754	0.722	0.699	0.675	0.659	0.693	5.1
2-Nitrophenol		0.160	0.167	0.170	0.171	0.167	0.168	2.5
2,4-Dimethylphenol		0.240	0.237	0.234	0.224	0.221	0.228	3.9
bis(2-Chloroethoxy)methane		0.459	0.441	0.428	0.400	0.390	0.415	6.9
2,4-Dichlorophenol		0.297	0.299	0.291	0.278	0.270	0.283	4.7
1,2,4-Trichlorobenzene		0.373	0.362	0.349	0.328	0.318	0.339	6.7
Benzoic acid			0.136	0.161	0.193	0.207	0.187	17.1
Naphthalene		1.206	1.119	1.071	0.992	0.956	1.033	9.9
4-Chloroaniline		0.372	0.367	0.354	0.330	0.322	0.340	7.1
Hexachlorobutadiene		0.251	0.241	0.238	0.222	0.218	0.229	6.2
Caprolactam		0.090	0.087	0.088	0.085	0.084	0.086	2.9
4-Chloro-3-methylphenol		0.337	0.326	0.319	0.312	0.303	0.315	4.3
2-Methylnaphthalene		0.772	0.743	0.702	0.644	0.626	0.674	9.6
Hexachlorocyclopentadiene		0.124	0.145	0.169	0.183	0.177	0.164	13.3
2,4,6-Trichlorophenol		0.377	0.369	0.363	0.361	0.354	0.363	2.2

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF110524

SAS No.: BF110524

SDG No.: BF110524

Instrument ID: _____

Calibration Date(s): 11/5/2024 : _____

Calibration Time(s): 12:26 _____

LAB FILE ID:		RRF2.5 = BF140231.D			RRF005 = BF140232.D		RRF010 = BF140233.D	
		RRF020 = BF140234.D			RRF040 = BF140235.D		RRF050 = BF140236.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.481	1.381	1.312	1.183	1.148	1.253	11.3
2,4,5-Trichlorophenol		0.391	0.398	0.396	0.373	0.374	0.381	4.0
1,1-Biphenyl		1.663	1.590	1.521	1.376	1.342	1.446	10.0
2-Chloronaphthalene		1.195	1.171	1.135	1.050	1.036	1.088	7.2
2-Nitroaniline		0.357	0.372	0.371	0.369	0.363	0.364	2.0
Dimethylphthalate		1.363	1.310	1.262	1.191	1.182	1.232	6.7
Acenaphthylene		1.730	1.668	1.618	1.486	1.465	1.540	8.6
2,6-Dinitrotoluene		0.302	0.297	0.299	0.286	0.286	0.290	3.6
3-Nitroaniline		0.294	0.286	0.282	0.269	0.267	0.273	5.8
Acenaphthene		1.204	1.153	1.134	1.059	1.055	1.093	6.6
2,4-Dinitrophenol			0.071	0.101	0.128	0.135	0.120	23.2
4-Nitrophenol		0.160	0.178	0.196	0.203	0.206	0.192	8.8
Dibenzofuran		1.773	1.683	1.603	1.467	1.424	1.528	10.6
2,4-Dinitrotoluene		0.384	0.385	0.388	0.374	0.373	0.376	3.2
Diethylphthalate		1.360	1.319	1.271	1.185	1.170	1.224	7.7
4-Chlorophenyl-phenylether		0.715	0.673	0.638	0.581	0.573	0.613	10.3
Fluorene		1.446	1.345	1.267	1.154	1.127	1.216	11.6
4-Nitroaniline		0.278	0.276	0.282	0.270	0.267	0.271	3.5
4,6-Dinitro-2-methylphenol			0.080	0.100	0.110	0.112	0.105	12.6
n-Nitrosodiphenylamine		0.646	0.608	0.600	0.551	0.543	0.575	7.5
Azobenzene		1.460	1.373	1.319	1.219	1.200	1.269	9.4
2,4,6-Tribromophenol		0.199	0.200	0.197	0.194	0.197	0.198	1.4
4-Bromophenyl-phenylether		0.230	0.219	0.223	0.209	0.208	0.215	4.1
Hexachlorobenzene		0.261	0.255	0.251	0.237	0.235	0.245	4.3
Atrazine		0.204	0.189	0.155	0.156	0.127	0.157	18.5
Pentachlorophenol		0.105	0.121	0.133	0.138	0.139	0.132	10.6
Phenanthrene		1.082	1.044	1.004	0.915	0.885	0.954	9.3
Anthracene		1.071	1.014	0.984	0.894	0.881	0.936	9.3
Carbazole		0.973	0.919	0.901	0.822	0.805	0.855	8.9
Di-n-butylphthalate		1.119	1.096	1.062	0.975	0.961	1.012	7.9
Fluoranthene		1.157	1.101	1.044	0.950	0.928	0.998	10.5
Benzidine		0.507	0.466	0.380	0.490	0.365	0.391	26.0
Pyrene		1.851	1.733	1.728	1.590	1.572	1.651	7.5
Terphenyl-d14		1.383	1.309	1.258	1.159	1.164	1.221	8.2
Butylbenzylphthalate		0.580	0.596	0.613	0.597	0.601	0.595	2.9
3,3-Dichlorobenzidine		0.387	0.409	0.410	0.417	0.406	0.403	2.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF110524 SAS No.: BF110524 SDG No.: BF110524
Instrument ID: _____ Calibration Date(s): 11/5/2024 : _____
Calibration Time(s): 12:26 _____

LAB FILE ID:		RRF2.5 = BF140231.D			RRF005 = BF140232.D		RRF010 = BF140233.D	
		RRF020 = BF140234.D			RRF040 = BF140235.D		RRF050 = BF140236.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.386	1.344	1.345	1.232	1.232	1.284	5.7
Chrysene		1.320	1.264	1.206	1.154	1.177	1.202	5.8
Bis(2-ethylhexyl)phthalate		0.868	0.858	0.858	0.819	0.825	0.833	3.8
Di-n-octyl phthalate		1.201	1.234	1.283	1.267	1.265	1.254	2.5
Benzo(b)fluoranthene		1.300	1.184	1.214	1.245	1.125	1.210	6.0
Benzo(k)fluoranthene		1.214	1.230	1.206	1.027	1.085	1.110	9.5
Benzo(a)pyrene		1.023	0.999	1.022	0.993	0.975	0.997	2.2
Indeno(1,2,3-cd)pyrene		1.107	1.110	1.213	1.195	1.172	1.174	4.1
Dibenzo(a,h)anthracene		0.917	0.923	0.998	0.979	0.968	0.966	3.4
Benzo(g,h,i)perylene		0.949	0.941	1.017	0.994	0.977	0.985	3.1
1,2,4,5-Tetrachlorobenzene		0.657	0.619	0.600	0.562	0.559	0.586	7.2
1,4-Dioxane		0.613	0.582	0.576	0.550	0.526	0.555	6.6
2,3,4,6-Tetrachlorophenol		0.323	0.324	0.321	0.305	0.309	0.313	3.3
1-Methylnaphthalene		0.765	0.720	0.691	0.634	0.612	0.661	10.0

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.: BF110724 SAS No.: BF110724 SDG NO.: BF110724

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 7 2024 12:00AM

Lab File ID: BF140235.D Time Analyzed: 09:28

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	201300	6.881	739114	8.16	424404	9.92
	UPPER LIMIT	402600	7.381	1478228	8.657	848808	10.422
	LOWER LIMIT	100650	6.381	369557	7.657	212202	9.422
	EPA SAMPLE NO.						
01	PB164702BL	166392	6.88	650819	8.16	391148	9.92
02	PB164702BS	189444	6.88	717811	8.16	420554	9.92
03	BP-F3	130248	6.88	505005	8.16	290091	9.92
04	BP-G4-WC	126233	6.88	489660	8.16	289443	9.92
05	BP-G4-WCMS	131150	6.88	500686	8.16	299564	9.92
06	BP-G4-WCMSD	125684	6.88	490356	8.16	287196	9.92
07	BP-F4	115763	6.88	448729	8.16	266935	9.92
08	TP-1	123710	6.88	471834	8.16	271556	9.91
09	WB-307-SB01	127578	6.88	477012	8.16	268251	9.92
10	WB-307-SB02	123660	6.88	467420	8.16	268928	9.91
11	WB-307-SB02MS	123564	6.88	474391	8.16	274410	9.92
12	WB-307-SB02MSD	124801	6.88	475239	8.16	277394	9.92
13	BP-G5-WC	124198	6.88	471118	8.16	273664	9.91
14	Z-01	125468	6.88	471214	8.16	271186	9.92
15	HD-02-110424	131850	6.88	488380	8.16	267166	9.92
16	BAYAVE-STOCKPILE	126456	6.88	467443	8.16	269055	9.92
17	Z-04	120915	6.88	449073	8.16	246987	9.92
18	JC-701-COMP-01	117057	6.88	441041	8.16	243083	9.92
19	WC-3 (0-6)	116141	6.88	437848	8.16	226170	9.92
20	Z-01DL	130202	6.88	472268	8.16	251639	9.92
21	EO-03-11062024	150708	6.88	550544	8.16	269625	9.92
22	Z-03A	115072	6.88	403531	8.16	185837 *	9.92
23	MH-8	137866	6.88	483639	8.16	221709	9.92

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF110724 SAS No.: BF110724 SDG NO.: BF110724

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 7 2024 12:00AM

Lab File ID: BF140235.D Time Analyzed: 19:18

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	201300	6.881	739114	8.16	424404	9.92
UPPER LIMIT	402600	7.381	1478228	8.657	848808	10.422
LOWER LIMIT	100650	6.381	369557	7.657	212202	9.422
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF110724 SAS No.: BF110724 SDG NO.: BF110724

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 7 2024 12:00AM

Lab File ID: BF140261.D Time Analyzed: 09:28

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	194677	6.881	715714	8.16	419359	9.92
	UPPER LIMIT	389354	7.381	1431428	8.663	838718	10.422
	LOWER LIMIT	97338.5	6.381	357857	7.663	209679.5	9.422
	EPA SAMPLE NO.						
01	PB164702BL	166392	6.88	650819	8.16	391148	9.92
02	PB164702BS	189444	6.88	717811	8.16	420554	9.92
03	BP-F3	130248	6.88	505005	8.16	290091	9.92
04	BP-G4-WC	126233	6.88	489660	8.16	289443	9.92
05	BP-G4-WCMS	131150	6.88	500686	8.16	299564	9.92
06	BP-G4-WCMSD	125684	6.88	490356	8.16	287196	9.92
07	BP-F4	115763	6.88	448729	8.16	266935	9.92
08	TP-1	123710	6.88	471834	8.16	271556	9.91
09	WB-307-SB01	127578	6.88	477012	8.16	268251	9.92
10	WB-307-SB02	123660	6.88	467420	8.16	268928	9.91
11	WB-307-SB02MS	123564	6.88	474391	8.16	274410	9.92
12	WB-307-SB02MSD	124801	6.88	475239	8.16	277394	9.92
13	BP-G5-WC	124198	6.88	471118	8.16	273664	9.91
14	Z-01	125468	6.88	471214	8.16	271186	9.92
15	HD-02-110424	131850	6.88	488380	8.16	267166	9.92
16	BAYAVE-STOCKPILE	126456	6.88	467443	8.16	269055	9.92
17	Z-04	120915	6.88	449073	8.16	246987	9.92
18	JC-701-COMP-01	117057	6.88	441041	8.16	243083	9.92
19	WC-3 (0-6)	116141	6.88	437848	8.16	226170	9.92
20	Z-01DL	130202	6.88	472268	8.16	251639	9.92
21	EO-03-11062024	150708	6.88	550544	8.16	269625	9.92
22	Z-03A	115072	6.88	403531	8.16	185837 *	9.92
23	MH-8	137866	6.88	483639	8.16	221709	9.92

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF110724 SAS No.: BF110724 SDG NO.: BF110724

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 7 2024 12:00AM

Lab File ID: BF140261.D Time Analyzed: 19:18

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	194677	6.881	715714	8.16	419359	9.92
UPPER LIMIT	389354	7.381	1431428	8.663	838718	10.422
LOWER LIMIT	97338.5	6.381	357857	7.663	209679.5	9.422
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF110724 SAS No.: BF110724 SDG NO.: BF110724

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 7 2024 12:00AM

Lab File ID: BF140235.D Time Analyzed: 09:28

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	741987	11.41	448378	14.063	424484	15.562
	UPPER LIMIT	1483974	11.91	896756	14.563	848968	16.062
	LOWER LIMIT	370993.5	10.91	224189	13.563	212242	15.062
	EPA SAMPLE NO.						
01	PB164702BL	728833	11.40	449594	14.06	367483	15.57
02	PB164702BS	766202	11.41	449132	14.06	405153	15.56
03	BP-F3	527573	11.40	344724	14.06	298115	15.59
04	BP-G4-WC	519736	11.40	333774	14.06	297539	15.57
05	BP-G4-WCMS	552061	11.41	317340	14.06	310649	15.56
06	BP-G4-WCMSD	534951	11.41	305568	14.06	306803	15.56
07	BP-F4	479538	11.40	288827	14.06	275022	15.57
08	TP-1	492226	11.40	289097	14.05	294829	15.56
09	WB-307-SB01	494200	11.40	284643	14.05	292875	15.56
10	WB-307-SB02	499705	11.40	296704	14.05	275946	15.56
11	WB-307-SB02MS	511867	11.41	275517	14.06	287359	15.58
12	WB-307-SB02MSD	516198	11.41	284018	14.07	293574	15.59
13	BP-G5-WC	466005	11.40	265996	14.05	281342	15.54
14	Z-01	411598	11.41	239572	14.06	265882	15.56
15	HD-02-110424	390269	11.40	279355	14.05	250298	15.54
16	BAYAVE-STOCKPILE	403062	11.40	284803	14.05	243229	15.53
17	Z-04	362206 *	11.40	260342	14.05	227502	15.54
18	JC-701-COMP-01	358575 *	11.40	259506	14.05	230041	15.53
19	WC-3 (0-6)	319073 *	11.40	257317	14.05	207144 *	15.54
20	Z-01DL	342879 *	11.40	280255	14.05	238735	15.54
21	EO-03-11062024	390808	11.40	328768	14.05	254474	15.54

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF110724 SAS No.: BF110724 SDG NO.: BF110724

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 7 2024 12:00AM

Lab File ID: BF140235.D Time Analyzed: 18:51

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	741987	11.41	448378	14.063	424484	15.562
	UPPER LIMIT	1483974	11.91	896756	14.563	848968	16.062
	LOWER LIMIT	370993.5	10.91	224189	13.563	212242	15.062
	EPA SAMPLE NO.						
22	Z-03A	294503 *	11.40	220980 *	14.06	169787 *	15.54
23	MH-8	369560 *	11.40	272097	14.06	205210 *	15.56

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.: BF110724 SAS No.: BF110724 SDG NO.: BF110724

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 7 2024 12:00AM

Lab File ID: BF140261.D Time Analyzed: 09:28

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	752975	11.41	445081	14.069	403199	15.574
	UPPER LIMIT	1505950	11.91	890162	14.569	806398	16.074
	LOWER LIMIT	376487.5	10.91	222540.5	13.569	201599.5	15.074
	EPA SAMPLE NO.						
01	PB164702BL	728833	11.40	449594	14.06	367483	15.57
02	PB164702BS	766202	11.41	449132	14.06	405153	15.56
03	BP-F3	527573	11.40	344724	14.06	298115	15.59
04	BP-G4-WC	519736	11.40	333774	14.06	297539	15.57
05	BP-G4-WCMS	552061	11.41	317340	14.06	310649	15.56
06	BP-G4-WCMSD	534951	11.41	305568	14.06	306803	15.56
07	BP-F4	479538	11.40	288827	14.06	275022	15.57
08	TP-1	492226	11.40	289097	14.05	294829	15.56
09	WB-307-SB01	494200	11.40	284643	14.05	292875	15.56
10	WB-307-SB02	499705	11.40	296704	14.05	275946	15.56
11	WB-307-SB02MS	511867	11.41	275517	14.06	287359	15.58
12	WB-307-SB02MSD	516198	11.41	284018	14.07	293574	15.59
13	BP-G5-WC	466005	11.40	265996	14.05	281342	15.54
14	Z-01	411598	11.41	239572	14.06	265882	15.56
15	HD-02-110424	390269	11.40	279355	14.05	250298	15.54
16	BAYAVE-STOCKPILE	403062	11.40	284803	14.05	243229	15.53
17	Z-04	362206 *	11.40	260342	14.05	227502	15.54
18	JC-701-COMP-01	358575 *	11.40	259506	14.05	230041	15.53
19	WC-3 (0-6)	319073 *	11.40	257317	14.05	207144	15.54
20	Z-01DL	342879 *	11.40	280255	14.05	238735	15.54
21	EO-03-11062024	390808	11.40	328768	14.05	254474	15.54

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF110724 SAS No.: BF110724 SDG NO.: BF110724

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 7 2024 12:00AM

Lab File ID: BF140261.D Time Analyzed: 18:51

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	752975	11.41	445081	14.069	403199	15.574
	UPPER LIMIT	1505950	11.91	890162	14.569	806398	16.074
	LOWER LIMIT	376487.5	10.91	222540.5	13.569	201599.5	15.074
	EPA SAMPLE NO.						
22	Z-03A	294503 *	11.40	220980 *	14.06	169787 *	15.54
23	MH-8	369560 *	11.40	272097	14.06	205210	15.56

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.: **BF110724**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB164702BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1300	ug/Kg	76				28	98	
	Benzaldehyde	1700	330	ug/Kg	19				10	133	
	Aniline	1700	1400	ug/Kg	82				38	100	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1600	ug/Kg	94				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102	
	1,3-Dichlorobenzene	1700	1500	ug/Kg	88				52	99	
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100	
	Benzyl Alcohol	1700	1600	ug/Kg	94				42	116	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1600	ug/Kg	94				59	99	
	2-Nitrophenol	1700	1700	ug/Kg	100				61	111	
	2,4-Dimethylphenol	1700	1900	ug/Kg	112				46	141	
	bis(2-Chloroethoxy)methane	1700	1600	ug/Kg	94				66	97	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110	
	Benzoic acid	1700	1500	ug/Kg	88				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	730	ug/Kg	43				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1400	ug/Kg	82				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1600	ug/Kg	94				60	104	
	Hexachlorocyclopentadiene	3300	6600	ug/Kg	200		*		45	165	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99		
2-Nitroaniline	1700	1600	ug/Kg	94				66	101		
Dimethylphthalate	1700	1600	ug/Kg	94				61	99		
Acenaphthylene	1700	1600	ug/Kg	94				63	101		
2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104		
3-Nitroaniline	1700	960	ug/Kg	56				28	100		
Acenaphthene	1700	1700	ug/Kg	100				57	104		
Total PAH	27200	25700	ug/Kg	94				57	104		
2,4-Dinitrophenol	3300	3100	ug/Kg	94				37	128		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF110724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164702BS	4-Nitrophenol	3300	3500	ug/Kg	106				48	119	
	Dibenzofuran	1700	1600	ug/Kg	94				63	99	
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3200	ug/Kg	94				60	106	
	Diethylphthalate	1700	1600	ug/Kg	94				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				66	102	
	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98	
	Atrazine	1700	2100	ug/Kg	124				47	152	
	Pentachlorophenol	3300	3300	ug/Kg	100				67	105	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104	
	Fluoranthene	1700	1600	ug/Kg	94				57	107	
	Benzidine	3300	1500	ug/Kg	45				10	98	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1700	ug/Kg	100				54	135	
	Di-n-octyl phthalate	1700	1800	ug/Kg	106				52	137	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1700	ug/Kg	100				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1700	ug/Kg	100				59	108	
	1-Methylnaphthalene	1700	1500	ug/Kg	88				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

BP-F3

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF110724

SAS No.: BF110724 SDG NO.: BF110724

Lab File ID: BF140264.D

Lab Sample ID: P4701-01

Instrument ID: BNA_F

Date Extracted: 11/05/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/07/2024

Level: (low/med) LOW

Time Analyzed: 10:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BP-F3	P4701-01	BF140264.D	11/07/2024
BP-G4-WC	P4693-05	BF140265.D	11/07/2024
BP-G4-WCMS	P4693-05MS	BF140266.D	11/07/2024
BP-G4-WCMSD	P4693-05MSD	BF140267.D	11/07/2024
BP-F4	P4701-05	BF140268.D	11/07/2024
TP-1	P4697-01	BF140269.D	11/07/2024
BP-G5-WC	P4693-01	BF140274.D	11/07/2024
Z-01	P4695-01	BF140275.D	11/07/2024
Z-04	P4694-05	BF140278.D	11/07/2024
Z-03A	P4694-01	BF140283.D	11/07/2024
MH-8	P4700-01	BF140284.D	11/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164702BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF110724

SAS No.: BF110724 SDG NO.: BF110724

Lab File ID: BF140262.D

Lab Sample ID: PB164702BL

Instrument ID: BNA_F

Date Extracted: 11/06/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/07/2024

Level: (low/med) LOW

Time Analyzed: 09:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164702BS	PB164702BS	BF140263.D	11/07/2024
HD-02-110424	P4707-01	BF140276.D	11/07/2024
BAYAVE-STOCKPILE	P4719-01	BF140277.D	11/07/2024
WB-307-SB01	P4718-01	BF140270.D	11/07/2024
WB-307-SB02	P4718-02	BF140271.D	11/07/2024
WB-307-SB02MS	P4718-02MS	BF140272.D	11/07/2024
WB-307-SB02MSD	P4718-02MSD	BF140273.D	11/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

JC-701-COMP-01

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF110724

SAS No.: BF110724 SDG NO.: BF110724

Lab File ID: BF140279.D

Lab Sample ID: P4720-01

Instrument ID: BNA_F

Date Extracted: 11/07/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/07/2024

Level: (low/med) LOW

Time Analyzed: 17:06

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
JC-701-COMP-01	P4720-01	BF140279.D	11/07/2024
WC-3 (0-6)	P4722-13	BF140280.D	11/07/2024
EO-03-11062024	P4734-01	BF140282.D	11/07/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF110724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4693-05MS		Client Sample ID: BP-G4-WCMS		DataFile: BF140266.D							
n-Nitrosodimethylamine	1100		1000	ug/Kg	91				66	124	
Pyridine	1100		1000	ug/Kg	91				45	119	
Benzaldehyde	1100		230	ug/Kg	21				10	86	
Aniline	1100		1300	ug/Kg	118	*			10	88	
Phenol	1100		1200	ug/Kg	109				67	126	
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100				54	125	
2-Chlorophenol	1100		1200	ug/Kg	109	*			79	107	
1,2-Dichlorobenzene	1100		1100	ug/Kg	100				61	105	
1,3-Dichlorobenzene	1100		1100	ug/Kg	100				62	101	
1,4-Dichlorobenzene	1100		1100	ug/Kg	100				63	104	
Benzyl Alcohol	1100		1100	ug/Kg	100				47	126	
2-Methylphenol	1100		1100	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	1100		1100	ug/Kg	100				65	110	
Acetophenone	1100		1100	ug/Kg	100				75	111	
3+4-Methylphenols	1100		1100	ug/Kg	100				66	104	
N-Nitroso-di-n-propylamine	1100		1100	ug/Kg	100				59	119	
Hexachloroethane	1100		1100	ug/Kg	100				65	117	
Nitrobenzene	1100		1000	ug/Kg	91				70	119	
Isophorone	1100		1100	ug/Kg	100				76	122	
2-Nitrophenol	1100		1200	ug/Kg	109				54	145	
2,4-Dimethylphenol	1100		1400	ug/Kg	127				44	135	
bis(2-Chloroethoxy)methane	1100		1100	ug/Kg	100				68	112	
2,4-Dichlorophenol	1100		1100	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1100		1000	ug/Kg	91				57	103	
Benzoic acid	1100		1200	ug/Kg	109	*			50	104	
Naphthalene	1100		1100	ug/Kg	100				72	110	
4-Chloroaniline	1100		1100	ug/Kg	100	*			10	91	
Hexachlorobutadiene	1100		1000	ug/Kg	91				66	114	
Caprolactam	1100		1200	ug/Kg	109				51	134	
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100				57	132	
2-Methylnaphthalene	1100		1100	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	2300		4400	ug/Kg	191	*			10	175	
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
1,1-Biphenyl	1100		1100	ug/Kg	100				75	113	
2-Chloronaphthalene	1100		1100	ug/Kg	100				67	118	
2-Nitroaniline	1100		1100	ug/Kg	100				69	127	
Dimethylphthalate	1100		1100	ug/Kg	100				70	113	
Acenaphthylene	1100		1200	ug/Kg	109				79	118	
2,6-Dinitrotoluene	1100		1100	ug/Kg	100				70	125	
3-Nitroaniline	1100		1000	ug/Kg	91				30	99	
Acenaphthene	1100		1300	ug/Kg	118				70	121	
Total PAH	17600		18190	ug/Kg	103				70	121	
2,4-Dinitrophenol	2300		2600	ug/Kg	113				10	155	
4-Nitrophenol	2300		2600	ug/Kg	113				45	133	
Dibenzofuran	1100		1100	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF110724

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1200	ug/Kg	109				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2300	ug/Kg	105				55	128	
Diethylphthalate	1100		1100	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1100		1100	ug/Kg	100				71	108	
Fluorene	1100		1100	ug/Kg	100				68	116	
4-Nitroaniline	1100		1200	ug/Kg	109				55	120	
4,6-Dinitro-2-methylphenol	1100		1300	ug/Kg	118				10	160	
N-Nitrosodiphenylamine	1100		1100	ug/Kg	100				73	118	
Azobenzene	1100		1200	ug/Kg	109				73	110	
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100				65	121	
Hexachlorobenzene	1100		1100	ug/Kg	100				67	118	
Atrazine	1100		1500	ug/Kg	136	*			79	127	
Pentachlorophenol	2300		2400	ug/Kg	104				47	128	
Phenanthrene	1100		1100	ug/Kg	100				52	128	
Anthracene	1100		1200	ug/Kg	109				62	124	
Carbazole	1100		1100	ug/Kg	100				59	119	
Di-n-butylphthalate	1100		1100	ug/Kg	100				69	118	
Fluoranthene	1100		1100	ug/Kg	100				44	125	
Benztidine	2300		2400	ug/Kg	104				10	119	
Pyrene	1100		1200	ug/Kg	109				26	142	
Butylbenzylphthalate	1100		1200	ug/Kg	109				64	126	
3,3-Dichlorobenzidine	1100		1100	ug/Kg	100				33	116	
Benzo(a)anthracene	1100		1200	ug/Kg	109				71	114	
Chrysene	1100		1100	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	1100		1100	ug/Kg	100				42	169	
Di-n-octyl phthalate	1100		1100	ug/Kg	100				23	175	
Benzo(b)fluoranthene	1100		1200	ug/Kg	109				67	121	
Benzo(k)fluoranthene	1100		1000	ug/Kg	91				57	134	
Benzo(a)pyrene	1100		1200	ug/Kg	109				70	142	
Indeno(1,2,3-cd)pyrene	1100		1100	ug/Kg	100				40	129	
Dibenz(a,h)anthracene	1100		1100	ug/Kg	100				43	123	
Benzo(g,h,i)perylene	1100		990	ug/Kg	90				24	125	
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100				69	124	
1,4-Dioxane	1100		950	ug/Kg	86				46	112	
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109				69	112	
1-Methylnaphthalene	1100		1100	ug/Kg	100				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF110724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4693-05MSD		Client Sample ID: BP-G4-WCMSD		DataFile: BF140267.D							
n-Nitrosodimethylamine	1100		940	ug/Kg	85		7		66	124	20
Pyridine	1100		940	ug/Kg	85		7		45	119	20
Benzaldehyde	1100		210	ug/Kg	19		10		10	86	20
Aniline	1100		1200	ug/Kg	109	*	8		10	88	20
Phenol	1100		1100	ug/Kg	100		9		67	126	20
bis(2-Chloroethyl)ether	1100		1000	ug/Kg	91		9		54	125	20
2-Chlorophenol	1100		1100	ug/Kg	100		9		79	107	20
1,2-Dichlorobenzene	1100		1000	ug/Kg	91		9		61	105	20
1,3-Dichlorobenzene	1100		990	ug/Kg	90		11		62	101	20
1,4-Dichlorobenzene	1100		990	ug/Kg	90		11		63	104	20
Benzyl Alcohol	1100		1100	ug/Kg	100		0		47	126	20
2-Methylphenol	1100		1100	ug/Kg	100		0		66	122	20
2,2-oxybis(1-Chloropropane)	1100		1000	ug/Kg	91		9		65	110	20
Acetophenone	1100		960	ug/Kg	87		14		75	111	20
3+4-Methylphenols	1100		1100	ug/Kg	100		0		66	104	20
N-Nitroso-di-n-propylamine	1100		1000	ug/Kg	91		9		59	119	20
Hexachloroethane	1100		980	ug/Kg	89		12		65	117	20
Nitrobenzene	1100		940	ug/Kg	85		7		70	119	20
Isophorone	1100		990	ug/Kg	90		11		76	122	20
2-Nitrophenol	1100		1100	ug/Kg	100		9		54	145	20
2,4-Dimethylphenol	1100		1200	ug/Kg	109		15		44	135	20
bis(2-Chloroethoxy)methane	1100		980	ug/Kg	89		12		68	112	20
2,4-Dichlorophenol	1100		1100	ug/Kg	100		0		72	118	20
1,2,4-Trichlorobenzene	1100		940	ug/Kg	85		7		57	103	20
Benzoic acid	1100		1100	ug/Kg	100		9		50	104	20
Naphthalene	1100		980	ug/Kg	89		12		72	110	20
4-Chloroaniline	1100		1000	ug/Kg	91		9		10	91	20
Hexachlorobutadiene	1100		930	ug/Kg	85		7		66	114	20
Caprolactam	1100		1200	ug/Kg	109		0		51	134	20
4-Chloro-3-methylphenol	1100		1000	ug/Kg	91		9		57	132	20
2-Methylnaphthalene	1100		1000	ug/Kg	91		9		59	123	20
Hexachlorocyclopentadiene	2300		4000	ug/Kg	174		9		10	175	20
2,4,6-Trichlorophenol	1100		1000	ug/Kg	91		9		72	117	20
2,4,5-Trichlorophenol	1100		1000	ug/Kg	91		9		72	117	20
1,1-Biphenyl	1100		990	ug/Kg	90		11		75	113	20
2-Chloronaphthalene	1100		980	ug/Kg	89		12		67	118	20
2-Nitroaniline	1100		1000	ug/Kg	91		9		69	127	20
Dimethylphthalate	1100		1100	ug/Kg	100		0		70	113	20
Acenaphthylene	1100		1100	ug/Kg	100		9		79	118	20
2,6-Dinitrotoluene	1100		1000	ug/Kg	91		9		70	125	20
3-Nitroaniline	1100		970	ug/Kg	88		3		30	99	20
Acenaphthene	1100		1200	ug/Kg	109		8		70	121	20
Total PAH	17600		16680	ug/Kg	95		8		70	121	20
2,4-Dinitrophenol	2300		2400	ug/Kg	104		8		10	155	20
4-Nitrophenol	2300		2500	ug/Kg	109		4		45	133	20
Dibenzofuran	1100		1100	ug/Kg	100		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF110724

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1100	ug/Kg	100		9		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2100	ug/Kg	95		10		55	128	20
Diethylphthalate	1100		1100	ug/Kg	100		0		70	112	20
4-Chlorophenyl-phenylether	1100		1000	ug/Kg	91		9		71	108	20
Fluorene	1100		1000	ug/Kg	91		9		68	116	20
4-Nitroaniline	1100		1100	ug/Kg	100		9		55	120	20
4,6-Dinitro-2-methylphenol	1100		1200	ug/Kg	109		8		10	160	20
N-Nitrosodiphenylamine	1100		1000	ug/Kg	91		9		73	118	20
Azobenzene	1100		1100	ug/Kg	100		9		73	110	20
4-Bromophenyl-phenylether	1100		1000	ug/Kg	91		9		65	121	20
Hexachlorobenzene	1100		1000	ug/Kg	91		9		67	118	20
Atrazine	1100		1400	ug/Kg	127		7		79	127	20
Pentachlorophenol	2300		2200	ug/Kg	96		8		47	128	20
Phenanthrene	1100		1100	ug/Kg	100		0		52	128	20
Anthracene	1100		1100	ug/Kg	100		9		62	124	20
Carbazole	1100		1100	ug/Kg	100		0		59	119	20
Di-n-butylphthalate	1100		1100	ug/Kg	100		0		69	118	20
Fluoranthene	1100		1000	ug/Kg	91		9		44	125	20
Benzydine	2300		2500	ug/Kg	109		5		10	119	20
Pyrene	1100		1100	ug/Kg	100		9		26	142	20
Butylbenzylphthalate	1100		1100	ug/Kg	100		9		64	126	20
3,3-Dichlorobenzidine	1100		1000	ug/Kg	91		9		33	116	20
Benzo(a)anthracene	1100		1100	ug/Kg	100		9		71	114	20
Chrysene	1100		1000	ug/Kg	91		9		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1000	ug/Kg	91		9		42	169	20
Di-n-octyl phthalate	1100		1000	ug/Kg	91		9		23	175	20
Benzo(b)fluoranthene	1100		1000	ug/Kg	91		18		67	121	20
Benzo(k)fluoranthene	1100		1000	ug/Kg	91		0		57	134	20
Benzo(a)pyrene	1100		1100	ug/Kg	100		9		70	142	20
Indeno(1,2,3-cd)pyrene	1100		1000	ug/Kg	91		9		40	129	20
Dibenz(a,h)anthracene	1100		1000	ug/Kg	91		9		43	123	20
Benzo(g,h,i)perylene	1100		900	ug/Kg	82		9		24	125	20
1,2,4,5-Tetrachlorobenzene	1100		980	ug/Kg	89		12		69	124	20
1,4-Dioxane	1100		890	ug/Kg	81		6		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100		9		69	112	20
1-Methylnaphthalene	1100		960	ug/Kg	87		14		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF110724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4718-02MS		Client Sample ID: WB-307-SB02MS		DataFile: BF140272.D							
n-Nitrosodimethylamine	2100		2000	ug/Kg	95				66	124	
Pyridine	2100		2100	ug/Kg	100				45	119	
Benzaldehyde	2100		440	ug/Kg	21				10	86	
Aniline	2100		2200	ug/Kg	105	*			10	88	
Phenol	2100		2300	ug/Kg	110				67	126	
bis(2-Chloroethyl)ether	2100		2200	ug/Kg	105				54	125	
2-Chlorophenol	2100		2300	ug/Kg	110	*			79	107	
1,2-Dichlorobenzene	2100		2200	ug/Kg	105				61	105	
1,3-Dichlorobenzene	2100		2100	ug/Kg	100				62	101	
1,4-Dichlorobenzene	2100		2200	ug/Kg	105	*			63	104	
Benzyl Alcohol	2100		2300	ug/Kg	110				47	126	
2-Methylphenol	2100		2300	ug/Kg	110				66	122	
2,2-oxybis(1-Chloropropane)	2100		2200	ug/Kg	105				65	110	
Acetophenone	2100		2100	ug/Kg	100				75	111	
3+4-Methylphenols	2100		2200	ug/Kg	105	*			66	104	
N-Nitroso-di-n-propylamine	2100		2200	ug/Kg	105				59	119	
Hexachloroethane	2100		2100	ug/Kg	100				65	117	
Nitrobenzene	2100		2000	ug/Kg	95				70	119	
Isophorone	2100		2200	ug/Kg	105				76	122	
2-Nitrophenol	2100		2400	ug/Kg	114				54	145	
2,4-Dimethylphenol	2100		2700	ug/Kg	129				44	135	
bis(2-Chloroethoxy)methane	2100		2100	ug/Kg	100				68	112	
2,4-Dichlorophenol	2100		2200	ug/Kg	105				72	118	
1,2,4-Trichlorobenzene	2100		2100	ug/Kg	100				57	103	
Benzoic acid	2100		2400	ug/Kg	114	*			50	104	
Naphthalene	2100		2100	ug/Kg	100				72	110	
4-Chloroaniline	2100		1500	ug/Kg	71				10	91	
Hexachlorobutadiene	2100		2100	ug/Kg	100				66	114	
Caprolactam	2100		2400	ug/Kg	114				51	134	
4-Chloro-3-methylphenol	2100		2200	ug/Kg	105				57	132	
2-Methylnaphthalene	2100		2200	ug/Kg	105				59	123	
Hexachlorocyclopentadiene	4300		8500	ug/Kg	198	*			10	175	
2,4,6-Trichlorophenol	2100		2300	ug/Kg	110				72	117	
2,4,5-Trichlorophenol	2100		2300	ug/Kg	110				72	117	
1,1-Biphenyl	2100		2200	ug/Kg	105				75	113	
2-Chloronaphthalene	2100		2100	ug/Kg	100				67	118	
2-Nitroaniline	2100		2300	ug/Kg	110				69	127	
Dimethylphthalate	2100		2300	ug/Kg	110				70	113	
Acenaphthylene	2100		2400	ug/Kg	114				79	118	
2,6-Dinitrotoluene	2100		2200	ug/Kg	105				70	125	
3-Nitroaniline	2100		1800	ug/Kg	86				30	99	
Acenaphthene	2100		2500	ug/Kg	119				70	121	
Total PAH	33600		35800	ug/Kg	107				70	121	
2,4-Dinitrophenol	4300		4900	ug/Kg	114				10	155	
4-Nitrophenol	4300		5300	ug/Kg	123				45	133	
Dibenzofuran	2100		2300	ug/Kg	110				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF110724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	4200		4600	ug/Kg	110				55	128	
2,4-Dinitrotoluene	2100		2400	ug/Kg	114				55	128	
Diethylphthalate	2100		2300	ug/Kg	110				70	112	
4-Chlorophenyl-phenylether	2100		2200	ug/Kg	105				71	108	
Fluorene	2100		2200	ug/Kg	105				68	116	
4-Nitroaniline	2100		2400	ug/Kg	114				55	120	
4,6-Dinitro-2-methylphenol	2100		2600	ug/Kg	124				10	160	
N-Nitrosodiphenylamine	2100		2200	ug/Kg	105				73	118	
Azobenzene	2100		2400	ug/Kg	114	*			73	110	
4-Bromophenyl-phenylether	2100		2200	ug/Kg	105				65	121	
Hexachlorobenzene	2100		2200	ug/Kg	105				67	118	
Atrazine	2100		3000	ug/Kg	143	*			79	127	
Pentachlorophenol	4300		4800	ug/Kg	112				47	128	
Phenanthrene	2100		2200	ug/Kg	105				52	128	
Anthracene	2100		2300	ug/Kg	110				62	124	
Carbazole	2100		2200	ug/Kg	105				59	119	
Di-n-butylphthalate	2100		2300	ug/Kg	110				69	118	
Fluoranthene	2100		2100	ug/Kg	100				44	125	
Benzydine	4300		3900	ug/Kg	91				10	119	
Pyrene	2100		2400	ug/Kg	114				26	142	
Butylbenzylphthalate	2100		2500	ug/Kg	119				64	126	
3,3-Dichlorobenzidine	2100		2000	ug/Kg	95				33	116	
Benzo(a)anthracene	2100		2300	ug/Kg	110				71	114	
Chrysene	2100		2300	ug/Kg	110				57	121	
bis(2-Ethylhexyl)phthalate	2100		2300	ug/Kg	110				42	169	
Di-n-octyl phthalate	2100		2300	ug/Kg	110				23	175	
Benzo(b)fluoranthene	2100		2400	ug/Kg	114				67	121	
Benzo(k)fluoranthene	2100		2100	ug/Kg	100				57	134	
Benzo(a)pyrene	2100		2500	ug/Kg	119				70	142	
Indeno(1,2,3-cd)pyrene	2100		2100	ug/Kg	100				40	129	
Dibenz(a,h)anthracene	2100		2100	ug/Kg	100				43	123	
Benzo(g,h,i)perylene	2100		1800	ug/Kg	86				24	125	
1,2,4,5-Tetrachlorobenzene	2100		2200	ug/Kg	105				69	124	
1,4-Dioxane	2100		2000	ug/Kg	95				46	112	
2,3,4,6-Tetrachlorophenol	2100		2500	ug/Kg	119	*			69	112	
1-Methylnaphthalene	2100		2100	ug/Kg	100				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF110724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4718-02MSD		Client Sample ID: WB-307-SB02MSD		DataFile: BF140273.D							
n-Nitrosodimethylamine	2100		2000	ug/Kg	95		0		66	124	20
Pyridine	2100		2100	ug/Kg	100		0		45	119	20
Benzaldehyde	2100		440	ug/Kg	21		0		10	86	20
Aniline	2100		2200	ug/Kg	105	*	0		10	88	20
Phenol	2100		2200	ug/Kg	105		5		67	126	20
bis(2-Chloroethyl)ether	2100		2200	ug/Kg	105		0		54	125	20
2-Chlorophenol	2100		2300	ug/Kg	110	*	0		79	107	20
1,2-Dichlorobenzene	2100		2100	ug/Kg	100		5		61	105	20
1,3-Dichlorobenzene	2100		2100	ug/Kg	100		0		62	101	20
1,4-Dichlorobenzene	2100		2100	ug/Kg	100		5		63	104	20
Benzyl Alcohol	2100		2200	ug/Kg	105		5		47	126	20
2-Methylphenol	2100		2200	ug/Kg	105		5		66	122	20
2,2-oxybis(1-Chloropropane)	2100		2100	ug/Kg	100		5		65	110	20
Acetophenone	2100		2100	ug/Kg	100		0		75	111	20
3+4-Methylphenols	2100		2200	ug/Kg	105	*	0		66	104	20
N-Nitroso-di-n-propylamine	2100		2100	ug/Kg	100		5		59	119	20
Hexachloroethane	2100		2100	ug/Kg	100		0		65	117	20
Nitrobenzene	2100		2000	ug/Kg	95		0		70	119	20
Isophorone	2100		2100	ug/Kg	100		5		76	122	20
2-Nitrophenol	2100		2300	ug/Kg	110		4		54	145	20
2,4-Dimethylphenol	2100		2600	ug/Kg	124		4		44	135	20
bis(2-Chloroethoxy)methane	2100		2100	ug/Kg	100		0		68	112	20
2,4-Dichlorophenol	2100		2200	ug/Kg	105		0		72	118	20
1,2,4-Trichlorobenzene	2100		2000	ug/Kg	95		5		57	103	20
Benzoic acid	2100		2300	ug/Kg	110	*	4		50	104	20
Naphthalene	2100		2100	ug/Kg	100		0		72	110	20
4-Chloroaniline	2100		1500	ug/Kg	71		0		10	91	20
Hexachlorobutadiene	2100		2000	ug/Kg	95		5		66	114	20
Caprolactam	2100		2400	ug/Kg	114		0		51	134	20
4-Chloro-3-methylphenol	2100		2200	ug/Kg	105		0		57	132	20
2-Methylnaphthalene	2100		2200	ug/Kg	105		0		59	123	20
Hexachlorocyclopentadiene	4300		8100	ug/Kg	188	*	5		10	175	20
2,4,6-Trichlorophenol	2100		2200	ug/Kg	105		5		72	117	20
2,4,5-Trichlorophenol	2100		2200	ug/Kg	105		5		72	117	20
1,1-Biphenyl	2100		2100	ug/Kg	100		5		75	113	20
2-Chloronaphthalene	2100		2100	ug/Kg	100		0		67	118	20
2-Nitroaniline	2100		2200	ug/Kg	105		5		69	127	20
Dimethylphthalate	2100		2200	ug/Kg	105		5		70	113	20
Acenaphthylene	2100		2300	ug/Kg	110		4		79	118	20
2,6-Dinitrotoluene	2100		2200	ug/Kg	105		0		70	125	20
3-Nitroaniline	2100		1700	ug/Kg	81		6		30	99	20
Acenaphthene	2100		2500	ug/Kg	119		0		70	121	20
Total PAH	33600		35300	ug/Kg	105		2		70	121	20
2,4-Dinitrophenol	4300		5000	ug/Kg	116		2		10	155	20
4-Nitrophenol	4300		5300	ug/Kg	123		0		45	133	20
Dibenzofuran	2100		2200	ug/Kg	105		5		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF110724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	4200		4500	ug/Kg	107		3		55	128	20
2,4-Dinitrotoluene	2100		2300	ug/Kg	110		4		55	128	20
Diethylphthalate	2100		2200	ug/Kg	105		5		70	112	20
4-Chlorophenyl-phenylether	2100		2100	ug/Kg	100		5		71	108	20
Fluorene	2100		2200	ug/Kg	105		0		68	116	20
4-Nitroaniline	2100		2300	ug/Kg	110		4		55	120	20
4,6-Dinitro-2-methylphenol	2100		2500	ug/Kg	119		4		10	160	20
N-Nitrosodiphenylamine	2100		2200	ug/Kg	105		0		73	118	20
Azobenzene	2100		2400	ug/Kg	114	*	0		73	110	20
4-Bromophenyl-phenylether	2100		2200	ug/Kg	105		0		65	121	20
Hexachlorobenzene	2100		2100	ug/Kg	100		5		67	118	20
Atrazine	2100		2900	ug/Kg	138	*	4		79	127	20
Pentachlorophenol	4300		4700	ug/Kg	109		3		47	128	20
Phenanthrene	2100		2200	ug/Kg	105		0		52	128	20
Anthracene	2100		2300	ug/Kg	110		0		62	124	20
Carbazole	2100		2200	ug/Kg	105		0		59	119	20
Di-n-butylphthalate	2100		2300	ug/Kg	110		0		69	118	20
Fluoranthene	2100		2100	ug/Kg	100		0		44	125	20
Benzydine	4300		3800	ug/Kg	88		3		10	119	20
Pyrene	2100		2300	ug/Kg	110		4		26	142	20
Butylbenzylphthalate	2100		2400	ug/Kg	114		4		64	126	20
3,3-Dichlorobenzidine	2100		1900	ug/Kg	90		5		33	116	20
Benzo(a)anthracene	2100		2200	ug/Kg	105		5		71	114	20
Chrysene	2100		2300	ug/Kg	110		0		57	121	20
bis(2-Ethylhexyl)phthalate	2100		2200	ug/Kg	105		5		42	169	20
Di-n-octyl phthalate	2100		2200	ug/Kg	105		5		23	175	20
Benzo(b)fluoranthene	2100		2100	ug/Kg	100		13		67	121	20
Benzo(k)fluoranthene	2100		2300	ug/Kg	110		10		57	134	20
Benzo(a)pyrene	2100		2400	ug/Kg	114		4		70	142	20
Indeno(1,2,3-cd)pyrene	2100		2100	ug/Kg	100		0		40	129	20
Dibenz(a,h)anthracene	2100		2100	ug/Kg	100		0		43	123	20
Benzo(g,h,i)perylene	2100		1800	ug/Kg	86		0		24	125	20
1,2,4,5-Tetrachlorobenzene	2100		2100	ug/Kg	100		5		69	124	20
1,4-Dioxane	2100		2000	ug/Kg	95		0		46	112	20
2,3,4,6-Tetrachlorophenol	2100		2400	ug/Kg	114	*	4		69	112	20
1-Methylnaphthalene	2100		2100	ug/Kg	100		0		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF110724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4693-01	BP-G5-WC	BF140274.D	2-Fluorophenol	150	116.37	78		18	112
			Phenol-d6	150	116.22	77		15	107
			Nitrobenzene-d5	100	78.61	79		18	107
			2-Fluorobiphenyl	100	77.07	77		20	109
			2,4,6-Tribromophenol	150	118.70	79		10	116
			Terphenyl-d14	100	73.69	74		10	105
P4693-05	BP-G4-WC	BF140265.D	2-Fluorophenol	150	119.70	80		18	112
			Phenol-d6	150	121.02	81		15	107
			Nitrobenzene-d5	100	78.93	79		18	107
			2-Fluorobiphenyl	100	75.71	76		20	109
			2,4,6-Tribromophenol	150	134.02	89		10	116
			Terphenyl-d14	100	79.85	80		10	105
P4693-05MS	BP-G4-WCMS	BF140266.D	2-Fluorophenol	150	86.47	58		18	112
			Phenol-d6	150	87.45	58		15	107
			Nitrobenzene-d5	100	58.03	58		18	107
			2-Fluorobiphenyl	100	57.18	57		20	109
			2,4,6-Tribromophenol	150	98.55	66		10	116
			Terphenyl-d14	100	64.30	64		10	105
P4693-05MSD	BP-G4-WCMSD	BF140267.D	2-Fluorophenol	150	81.11	54		18	112
			Phenol-d6	150	81.39	54		15	107
			Nitrobenzene-d5	100	53.09	53		18	107
			2-Fluorobiphenyl	100	52.96	53		20	109
			2,4,6-Tribromophenol	150	91.28	61		10	116
			Terphenyl-d14	100	60.87	61		10	105
P4694-01	Z-03A	BF140283.D	2-Fluorophenol	150	115.84	77		18	112
			Phenol-d6	150	110.92	74		15	107
			Nitrobenzene-d5	100	79.83	80		18	107
			2-Fluorobiphenyl	100	90.78	91		20	109
			2,4,6-Tribromophenol	150	105.87	71		10	116
			Terphenyl-d14	100	79.31	79		10	105
P4694-05	Z-04	BF140278.D	2-Fluorophenol	150	116.67	78		18	112
			Phenol-d6	150	115.32	77		15	107
			Nitrobenzene-d5	100	78.74	79		18	107
			2-Fluorobiphenyl	100	77.88	78		20	109
			2,4,6-Tribromophenol	150	106.04	71		10	116
			Terphenyl-d14	100	60.18	60		10	105
P4695-01	Z-01	BF140275.D	2-Fluorophenol	150	103.59	69		18	112
			Phenol-d6	150	102.57	68		15	107
			Nitrobenzene-d5	100	70.02	70		18	107
			2-Fluorobiphenyl	100	64.95	65		20	109
			2,4,6-Tribromophenol	150	98.03	65		10	116
			Terphenyl-d14	100	59.29	59		10	105
P4695-01DL	Z-01DL	BF140281.D	2-Fluorophenol	150	101.68	68		18	112
			Phenol-d6	150	101.07	67		15	107
			Nitrobenzene-d5	100	67.56	68		18	107
			2-Fluorobiphenyl	100	72.47	72		20	109
			2,4,6-Tribromophenol	150	80.11	53		10	116
			Terphenyl-d14	100	49.04	49		10	105
P4697-01	TP-1	BF140269.D	2-Fluorophenol	150	109.09	73		18	112

Surrogate Summary

SW-846

SDG No.: **BF110724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4697-01	TP-1	BF140269.D	Phenol-d6	150	108.41	72		15	107
			Nitrobenzene-d5	100	72.53	73		18	107
			2-Fluorobiphenyl	100	72.21	72		20	109
			2,4,6-Tribromophenol	150	117.92	79		10	116
			Terphenyl-d14	100	72.52	73		10	105
P4700-01	MH-8	BF140284.D	2-Fluorophenol	150	65.73	44		18	112
			Phenol-d6	150	64.81	43		15	107
			Nitrobenzene-d5	100	42.41	42		18	107
			2-Fluorobiphenyl	100	55.00	55		20	109
			2,4,6-Tribromophenol	150	59.05	39		10	116
P4701-01	BP-F3	BF140264.D	Terphenyl-d14	100	45.52	46		10	105
			2-Fluorophenol	150	97.45	65		18	112
			Phenol-d6	150	97.06	65		15	107
			Nitrobenzene-d5	100	64.42	64		18	107
			2-Fluorobiphenyl	100	63.58	64		20	109
P4701-05	BP-F4	BF140268.D	2,4,6-Tribromophenol	150	105.69	70		10	116
			Terphenyl-d14	100	56.40	56		10	105
			2-Fluorophenol	150	134.05	89		18	112
			Phenol-d6	150	134.46	90		15	107
			Nitrobenzene-d5	100	89.40	89		18	107
			2-Fluorobiphenyl	100	88.45	88		20	109
			2,4,6-Tribromophenol	150	143.52	96		10	116
			Terphenyl-d14	100	96.38	96		10	105

Surrogate Summary

SW-846

SDG No.: **BF110724**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4707-01	HD-02-110424	BF140276.D	2-Fluorophenol	150	81.38	54		18	112
			Phenol-d6	150	80.32	54		15	107
			Nitrobenzene-d5	100	55.76	56		18	107
			2-Fluorobiphenyl	100	61.27	61		20	109
			2,4,6-Tribromophenol	150	75.69	50		10	116
			Terphenyl-d14	100	49.51	50		10	105
P4718-01	WB-307-SB01	BF140270.D	2-Fluorophenol	150	135.26	90		18	112
			Phenol-d6	150	134.27	90		15	107
			Nitrobenzene-d5	100	90.35	90		18	107
			2-Fluorobiphenyl	100	82.86	83		20	109
			2,4,6-Tribromophenol	150	151.13	101		10	116
			Terphenyl-d14	100	80.69	81		10	105
P4718-02	WB-307-SB02	BF140271.D	2-Fluorophenol	150	119.10	79		18	112
			Phenol-d6	150	118.84	79		15	107
			Nitrobenzene-d5	100	78.48	78		18	107
			2-Fluorobiphenyl	100	78.94	79		20	109
			2,4,6-Tribromophenol	150	133.60	89		10	116
			Terphenyl-d14	100	81.49	81		10	105
P4718-02MS	WB-307-SB02MS	BF140272.D	2-Fluorophenol	150	107.99	72		18	112
			Phenol-d6	150	109.07	73		15	107
			Nitrobenzene-d5	100	71.64	72		18	107
			2-Fluorobiphenyl	100	71.87	72		20	109
			2,4,6-Tribromophenol	150	121.40	81		10	116
			Terphenyl-d14	100	80.30	80		10	105
P4718-02MSD	WB-307-SB02MSD	BF140273.D	2-Fluorophenol	150	105.64	70		18	112
			Phenol-d6	150	106.27	71		15	107
			Nitrobenzene-d5	100	69.68	70		18	107
			2-Fluorobiphenyl	100	71.32	71		20	109
			2,4,6-Tribromophenol	150	120.85	81		10	116
			Terphenyl-d14	100	76.75	77		10	105
P4719-01	BAYAVE-STOCKP	BF140277.D	2-Fluorophenol	150	79.33	53		18	112
			Phenol-d6	150	80.03	53		15	107
			Nitrobenzene-d5	100	56.08	56		18	107
			2-Fluorobiphenyl	100	60.31	60		20	109
			2,4,6-Tribromophenol	150	74.82	50		10	116
			Terphenyl-d14	100	49.89	50		10	105
PB164702BL	PB164702BL	BF140262.D	2-Fluorophenol	150	136.62	91		18	112
			Phenol-d6	150	133.78	89		15	107
			Nitrobenzene-d5	100	91.03	91		18	107
			2-Fluorobiphenyl	100	91.14	91		20	109
			2,4,6-Tribromophenol	150	151.82	101		10	116
			Terphenyl-d14	100	100.66	101		10	105
PB164702BS	PB164702BS	BF140263.D	2-Fluorophenol	150	124.76	83		18	112
			Phenol-d6	150	122.45	82		15	107
			Nitrobenzene-d5	100	86.47	86		18	107
			2-Fluorobiphenyl	100	86.43	86		20	109
			2,4,6-Tribromophenol	150	148.94	99		10	116
			Terphenyl-d14	100	97.27	97		10	105

Surrogate Summary

SW-846

SDG No.: **BF110724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4720-01	JC-701-COMP-01	BF140279.D	2-Fluorophenol	150	12.02	8	*	18	112
			Phenol-d6	150	11.91	8	*	15	107
			Nitrobenzene-d5	100	8.07	8	*	18	107
			2-Fluorobiphenyl	100	9.07	9	*	20	109
			2,4,6-Tribromophenol	150	10.06	7	*	10	116
			Terphenyl-d14	100	7.45	7	*	10	105
P4722-13	WC-3(0-6)	BF140280.D	2-Fluorophenol	150	86.40	58		18	112
			Phenol-d6	150	87.13	58		15	107
			Nitrobenzene-d5	100	55.51	56		18	107
			2-Fluorobiphenyl	100	65.83	66		20	109
			2,4,6-Tribromophenol	150	68.76	46		10	116
			Terphenyl-d14	100	46.14	46		10	105
P4734-01	EO-03-11062024	BF140282.D	2-Fluorophenol	150	65.76	44		18	112
			Phenol-d6	150	63.56	42		15	107
			Nitrobenzene-d5	100	41.89	42		18	107
			2-Fluorobiphenyl	100	53.02	53		20	109
			2,4,6-Tribromophenol	150	51.70	34		10	116
			Terphenyl-d14	100	39.46	39		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF110724

Lab Code: CHEM

SAS No.: BF110724 SDG NO.: BF110724

Lab File ID: BF140260.D

DFTPP Injection Date: 11/07/2024

Instrument ID: BNA_F

DFTPP Injection Time: 08:33

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	35.9
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	35.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	44.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	28.1
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	98.8
443	15.0 - 24.0% of mass 442	19.4 (19.6) 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	BF140261.D	11/07/2024	08:59
PB164702BL	PB164702BL	BF140262.D	11/07/2024	09:28
PB164702BS	PB164702BS	BF140263.D	11/07/2024	09:54
BP-F3	P4701-01	BF140264.D	11/07/2024	10:28
BP-G4-WC	P4693-05	BF140265.D	11/07/2024	10:55
BP-G4-WCMS	P4693-05MS	BF140266.D	11/07/2024	11:21
BP-G4-WCMSD	P4693-05MSD	BF140267.D	11/07/2024	11:48
BP-F4	P4701-05	BF140268.D	11/07/2024	12:14
TP-1	P4697-01	BF140269.D	11/07/2024	12:40
WB-307-SB01	P4718-01	BF140270.D	11/07/2024	13:07
WB-307-SB02	P4718-02	BF140271.D	11/07/2024	13:33
WB-307-SB02MS	P4718-02MS	BF140272.D	11/07/2024	14:00
WB-307-SB02MSD	P4718-02MSD	BF140273.D	11/07/2024	14:27
BP-G5-WC	P4693-01	BF140274.D	11/07/2024	14:53
Z-01	P4695-01	BF140275.D	11/07/2024	15:20
HD-02-110424	P4707-01	BF140276.D	11/07/2024	15:46
BAYAVE-STOCKPILE	P4719-01	BF140277.D	11/07/2024	16:13
Z-04	P4694-05	BF140278.D	11/07/2024	16:39

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF110724

Lab Code: CHEM

SAS No.: BF110724 SDG NO.: BF110724

Lab File ID: BF140260.D

DFTPP Injection Date: 11/07/2024

Instrument ID: BNA_F

DFTPP Injection Time: 08:33

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	35.9
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	35.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	44.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	28.1
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	98.8
443	15.0 - 24.0% of mass 442	19.4 (19.6) 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
JC-701-COMP-01	P4720-01	BF140279.D	11/07/2024	17:06
WC-3(0-6)	P4722-13	BF140280.D	11/07/2024	17:32
Z-01DL	P4695-01DL	BF140281.D	11/07/2024	17:59
EO-03-11062024	P4734-01	BF140282.D	11/07/2024	18:25
Z-03A	P4694-01	BF140283.D	11/07/2024	18:51
MH-8	P4700-01	BF140284.D	11/07/2024	19:18