

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF120324 SAS No.: BF120324 SDG No.: BF120324

Instrument ID: BNA_F Calibration Date/Time: 12/3/2024 11:24

Lab File ID: BF140702.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	0.637	0.658		3.297	
Pyridine	1.084	1.344		23.985	
2-Fluorophenol	1.172	1.135		-3.157	
Benzaldehyde	0.820	0.777		-5.244	
Aniline	1.091	1.223		12.099	
Phenol-d6	1.550	1.481		-4.452	
Phenol	1.583	1.539		-2.78	20.0
bis(2-Chloroethyl) ether	1.211	1.158		-4.377	
2-Chlorophenol	1.261	1.208		-4.203	
1,2-Dichlorobenzene	1.344	1.313		-2.307	
1,3-Dichlorobenzene	1.417	1.368		-3.458	
1,4-Dichlorobenzene	1.435	1.398		-2.578	20.0
Benzyl Alcohol	1.149	1.089		-5.222	
2-Methylphenol	1.010	0.953		-5.644	
2,2-oxybis(1-Chloropropane)	1.431	1.391		-2.795	
Acetophenone	0.488	0.466		-4.508	
3+4-Methylphenols	1.298	1.251		-3.621	
n-Nitroso-di-n-propylamine	0.916	0.873	0.050	-4.694	
Nitrobenzene-d5	0.391	0.372		-4.859	
Hexachloroethane	0.536	0.521		-2.799	
Nitrobenzene	0.404	0.383		-5.198	
Isophorone	0.652	0.632		-3.067	
2-Nitrophenol	0.179	0.173		-3.352	20.0
2,4-Dimethylphenol	0.214	0.218		1.869	
bis(2-Chloroethoxy) methane	0.397	0.390		-1.763	
2,4-Dichlorophenol	0.284	0.283		-0.352	20.0
1,2,4-Trichlorobenzene	0.324	0.319		-1.543	
Benzoic acid	0.164	0.156		-4.878	
Naphthalene	1.030	0.996		-3.301	
4-Chloroaniline	0.308	0.329		6.818	
Hexachlorobutadiene	0.215	0.215		0.0	20.0
Caprolactam	0.088	0.082		-6.818	
4-Chloro-3-methylphenol	0.318	0.305		-4.088	20.0
2-Methylnaphthalene	0.654	0.649		-0.765	
Hexachlorocyclopentadiene	0.107	0.142	0.050	32.71	
2,4,6-Trichlorophenol	0.367	0.361		-1.635	20.0
2-Fluorobiphenyl	1.342	1.315		-2.012	
2,4,5-Trichlorophenol	0.399	0.385		-3.509	
1,1-Biphenyl	1.493	1.479		-0.938	

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Lab File ID: BF140702.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.131	1.091		-3.537	
2-Nitroaniline	0.363	0.339		-6.612	
Dimethylphthalate	1.317	1.298		-1.443	
Acenaphthylene	1.710	1.655		-3.216	
2,6-Dinitrotoluene	0.299	0.293		-2.007	
3-Nitroaniline	0.292	0.293		0.342	
Acenaphthene	1.086	1.031		-5.064	20.0
2,4-Dinitrophenol	0.122	0.136	0.050	11.475	
4-Nitrophenol	0.199	0.163	0.050	-18.09	
Dibenzofuran	1.657	1.609		-2.897	
2,4-Dinitrotoluene	0.397	0.396		-0.252	
Diethylphthalate	1.338	1.355		1.271	
4-Chlorophenyl-phenylether	0.653	0.663		1.531	
Fluorene	1.330	1.306		-1.805	
4-Nitroaniline	0.306	0.294		-3.922	
4,6-Dinitro-2-methylphenol	0.102	0.096		-5.882	
n-Nitrosodiphenylamine	0.591	0.575		-2.707	20.0
Azobenzene	1.267	1.240		-2.131	
2,4,6-Tribromophenol	0.214	0.209		-2.336	
4-Bromophenyl-phenylether	0.206	0.204		-0.971	
Hexachlorobenzene	0.238	0.232		-2.521	
Atrazine	0.166	0.136		-18.072	
Pentachlorophenol	0.105	0.086		-18.095	20.0
Phenanthrene	0.961	0.921		-4.162	
Anthracene	0.940	0.906		-3.617	
Carbazole	0.905	0.881		-2.652	
Di-n-butylphthalate	1.044	1.104		5.747	
Fluoranthene	1.044	1.025		-1.82	20.0
Benzidine	0.581	0.544		-6.368	
Pyrene	1.849	1.786		-3.407	
Terphenyl-d14	1.284	1.295		0.857	
Butylbenzylphthalate	0.666	0.730		9.61	
3,3-Dichlorobenzidine	0.397	0.407		2.519	
Benzo(a)anthracene	1.324	1.330		0.453	
Chrysene	1.211	1.133		-6.441	
Bis(2-ethylhexyl)phthalate	0.841	0.996		18.43	
Di-n-octyl phthalate	1.150	1.415		23.043	20.0
Benzo(b)fluoranthene	1.256	1.178		-6.21	
Benzo(k)fluoranthene	1.099	1.085		-1.274	

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Instrument ID: BNA_F Calibration Date/Time: 12/3/2024 11:24

Lab File ID: BF140702.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.021	0.989		-3.134	20.0
Indeno(1,2,3-cd)pyrene	1.303	1.389		6.6	
Dibenzo(a,h)anthracene	1.067	1.149		7.685	
Benzo(g,h,i)perylene	1.089	1.195		9.734	
1,2,4,5-Tetrachlorobenzene	0.586	0.575		-1.877	
1,4-Dioxane	0.493	0.564		14.402	20.0
2,3,4,6-Tetrachlorophenol	0.306	0.298		-2.614	
1-Methylnaphthalene	0.641	0.624		-2.652	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:				Date Collected:	12/2/2024 12:00:00 AM	
Project:				Date Received:	12/2/2024 12:00:00 AM	
Client Sample ID:	PB165312BL			SDG No.:	BF120324	
Lab Sample ID:	PB165312BL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
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
BF140703.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

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:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	PB165312BL	SDG No.:	BF120324
Lab Sample ID:	PB165312BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF140703.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

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	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.3	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:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	PB165312BL	SDG No.:	BF120324
Lab Sample ID:	PB165312BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF140703.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

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	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	132.252		18-112		88	SPK: -150
13127-88-3	Phenol-d6	127.163		15-107		85	SPK: -150
4165-60-0	Nitrobenzene-d5	86.575		18-107		87	SPK: -100
321-60-8	2-Fluorobiphenyl	90.401		20-109		90	SPK: -100

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	PB165312BL	SDG No.:	BF120324
Lab Sample ID:	PB165312BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF140703.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	127.238		10-116		85	SPK: -150
1718-51-0	Terphenyl-d14	90.979		10-105		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79681	6.869				
1146-65-2	Naphthalene-d8	306120	8.145				
15067-26-2	Acenaphthene-d10	175092	9.904				
1517-22-2	Phenanthrene-d10	343900	11.398				
1719-03-5	Chrysene-d12	225506	14.063				
1520-96-3	Perylene-d12	178705	15.586				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	77.3	J			2.199	
004744-10-9	Propane, 1,1-dimethoxy-	67.3	J			2.31	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	A			5.11	

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	PB165312BS	SDG No.:	BF120324
Lab Sample ID:	PB165312BS	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
BF140704.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.7	270	330	ug/Kg
110-86-1	Pyridine	1500		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	410		180	270	330	ug/Kg
62-53-3	Aniline	1700		96.8	130	170	ug/Kg
108-95-2	Phenol	1600		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1700		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1700		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1600		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.7	130	170	ug/Kg
78-59-1	Isophorone	1600		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	2000		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1100		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	970		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	PB165312BS	SDG No.:	BF120324
Lab Sample ID:	PB165312BS	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
BF140704.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1700		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5300	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1600		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1700		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1700		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1000		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1600		81	130	170	ug/Kg
Total PAH	Total PAH	26700		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2400		240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3000	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1600		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3200		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1700		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		85.5	130	170	ug/Kg
86-73-7	Fluorene	1600		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1600		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1700		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1900		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	PB165312BS	SDG No.:	BF120324
Lab Sample ID:	PB165312BS	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
BF140704.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2700	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1600		83.9	130	170	ug/Kg
120-12-7	Anthracene	1700		84.3	130	170	ug/Kg
86-74-8	Carbazole	1600		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1800		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1600		81.6	130	170	ug/Kg
92-87-5	Benzidine	1400		160	270	330	ug/Kg
129-00-0	Pyrene	1600		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1700		80.6	130	170	ug/Kg
218-01-9	Chrysene	1700		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	2200		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1800		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1300		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1600		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	133.016		18-112		89	SPK: -150
13127-88-3	Phenol-d6	129.284		15-107		86	SPK: -150
4165-60-0	Nitrobenzene-d5	84.657		18-107		85	SPK: -100
321-60-8	2-Fluorobiphenyl	88.5		20-109		88	SPK: -100

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	PB165312BS	SDG No.:	BF120324
Lab Sample ID:	PB165312BS	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
BF140704.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	137.411		10-116		92	SPK: -150
1718-51-0	Terphenyl-d14	95.225		10-105		95	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89477	6.869				
1146-65-2	Naphthalene-d8	355921	8.151				
15067-26-2	Acenaphthene-d10	205335	9.91				
1517-22-2	Phenanthrene-d10	400071	11.398				
1719-03-5	Chrysene-d12	241048	14.057				
1520-96-3	Perylene-d12	201165	15.563				

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	PB165316BL	SDG No.:	BF120324
Lab Sample ID:	PB165316BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140705.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165316

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

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	PB165316BL	SDG No.:	BF120324
Lab Sample ID:	PB165316BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140705.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165316

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

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	PB165316BL	SDG No.:	BF120324
Lab Sample ID:	PB165316BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140705.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	134.427		10-139		90	SPK: -150
13127-88-3	Phenol-d6	134.058		10-134		89	SPK: -150
4165-60-0	Nitrobenzene-d5	90.874		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	89.712		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	PB165316BL	SDG No.:	BF120324
Lab Sample ID:	PB165316BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140705.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	127.061		44-137		85	SPK: -150
1718-51-0	Terphenyl-d14	90.767		48-125		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88418	6.869				
1146-65-2	Naphthalene-d8	337442	8.151				
15067-26-2	Acenaphthene-d10	199610	9.904				
1517-22-2	Phenanthrene-d10	397978	11.398				
1719-03-5	Chrysene-d12	257340	14.051				
1520-96-3	Perylene-d12	206946	15.557				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2.5	J			2.205	

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	PB165316BS	SDG No.:	BF120324
Lab Sample ID:	PB165316BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140706.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	43.8		1	8	10	ug/L
110-86-1	Pyridine	45.6		1.6	4	5	ug/L
100-52-7	Benzaldehyde	28.2		4	8	10	ug/L
62-53-3	Aniline	48.3		1.6	4	5	ug/L
108-95-2	Phenol	48.4		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	47.9		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	49.8		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	47		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	46.1		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	45.8		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	49.7		1.6	8	10	ug/L
95-48-7	2-Methylphenol	47.5		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	49.6		1.4	4	5	ug/L
98-86-2	Acetophenone	47.5		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	49.2		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	48.2		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	46.9		1	4	5	ug/L
98-95-3	Nitrobenzene	45.1		1.3	4	5	ug/L
78-59-1	Isophorone	49.3		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	49		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	62.3		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	49.3		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	49.5		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	46		1.1	4	5	ug/L
65-85-0	Benzoic acid	34.3		5.5	8	10	ug/L
91-20-3	Naphthalene	47.2		1	4	5	ug/L
106-47-8	4-Chloroaniline	23.4		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	47.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	PB165316BS	SDG No.:	BF120324
Lab Sample ID:	PB165316BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140706.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	47.9		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	49.3		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	49.6		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	47.3		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	47		1	4	5	ug/L
92-52-4	1,1-Biphenyl	47.9		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	47.3		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	47		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	50.7		0.93	4	5	ug/L
208-96-8	Acenaphthylene	51.3		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	46.9		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	28.8		1.4	4	5	ug/L
83-32-9	Acenaphthene	49.3		0.81	4	5	ug/L
Total PAH	Total PAH	818.2		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	73.8		6.4	8	10	ug/L
100-02-7	4-Nitrophenol	88.8	E	2	8	10	ug/L
132-64-9	Dibenzofuran	48.6		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	95.1		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	48.2		1.5	4	5	ug/L
84-66-2	Diethylphthalate	50.6		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	50.7		0.98	4	5	ug/L
86-73-7	Fluorene	49		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	46.3		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	48.6		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	50.3		0.89	4	5	ug/L
103-33-3	Azobenzene	50		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	50.2		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	48.8		1.1	4	5	ug/L
1912-24-9	Atrazine	60.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	PB165316BS	SDG No.:	BF120324
Lab Sample ID:	PB165316BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140706.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	79.5		1.9	8	10	ug/L
85-01-8	Phenanthrene	50.5		0.89	4	5	ug/L
120-12-7	Anthracene	52.9		1.1	4	5	ug/L
86-74-8	Carbazole	49.6		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	54.4		1.5	4	5	ug/L
206-44-0	Fluoranthene	50.5		1.3	4	5	ug/L
92-87-5	Benzidine	37.9		4.1	8	10	ug/L
129-00-0	Pyrene	49.6		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	56.4		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	29.4		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	50.2		0.94	4	5	ug/L
218-01-9	Chrysene	50.6		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	62		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	63.2		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	51.1		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	47.7		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	54		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	56.5		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	56.7		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	51.1		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	47.5		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	41.9		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	52.7		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	47.3		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	135.617		10-139		90	SPK: -150
13127-88-3	Phenol-d6	130.77		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	91.708		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	94.305		52-132		94	SPK: -100

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	PB165316BS	SDG No.:	BF120324
Lab Sample ID:	PB165316BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140706.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	143.748		44-137		96	SPK: -150
1718-51-0	Terphenyl-d14	101.384		48-125		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73730	6.869				
1146-65-2	Naphthalene-d8	273673	8.151				
15067-26-2	Acenaphthene-d10	156191	9.91				
1517-22-2	Phenanthrene-d10	297262	11.398				
1719-03-5	Chrysene-d12	174549	14.051				
1520-96-3	Perylene-d12	145986	15.551				

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	PB165297TB	SDG No.:	BF120324
Lab Sample ID:	PB165297TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140707.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165316

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

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	PB165297TB	SDG No.:	BF120324
Lab Sample ID:	PB165297TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140707.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165316

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

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	PB165297TB	SDG No.:	BF120324
Lab Sample ID:	PB165297TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140707.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	138.322		10-139		92	SPK: -150
13127-88-3	Phenol-d6	134.719		10-134		90	SPK: -150
4165-60-0	Nitrobenzene-d5	90.945		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	91.597		52-132		92	SPK: -100

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	PB165297TB	SDG No.:	BF120324
Lab Sample ID:	PB165297TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140707.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	137.107		44-137		91	SPK: -150
1718-51-0	Terphenyl-d14	92.861		48-125		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78705	6.869				
1146-65-2	Naphthalene-d8	306061	8.145				
15067-26-2	Acenaphthene-d10	179832	9.904				
1517-22-2	Phenanthrene-d10	389784	11.398				
1719-03-5	Chrysene-d12	258139	14.057				
1520-96-3	Perylene-d12	209452	15.568				

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	PB165339BS	SDG No.:	BF120324
Lab Sample ID:	PB165339BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF140708.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.7	270	330	ug/Kg
110-86-1	Pyridine	1500		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	390		180	270	330	ug/Kg
62-53-3	Aniline	1500		96.8	130	170	ug/Kg
108-95-2	Phenol	1600		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.7	130	170	ug/Kg
78-59-1	Isophorone	1600		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	2000		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1200		240	270	330	ug/Kg
91-20-3	Naphthalene	1600		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	730		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	PB165339BS	SDG No.:	BF120324
Lab Sample ID:	PB165339BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF140708.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1600		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5400	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1500		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	910		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1600		81	130	170	ug/Kg
Total PAH	Total PAH	26000		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2600		240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2900	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3100		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1600		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		85.5	130	170	ug/Kg
86-73-7	Fluorene	1600		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1500		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1600		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1900		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	PB165339BS	SDG No.:	BF120324
Lab Sample ID:	PB165339BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF140708.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2800	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1600		83.9	130	170	ug/Kg
120-12-7	Anthracene	1700		84.3	130	170	ug/Kg
86-74-8	Carbazole	1600		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1800		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1900		81.6	130	170	ug/Kg
92-87-5	Benzidine	1400		160	270	330	ug/Kg
129-00-0	Pyrene	1400		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	990		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1700		80.6	130	170	ug/Kg
218-01-9	Chrysene	1600		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	2200		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1300		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1500		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	129.731		18-112		86	SPK: -150
13127-88-3	Phenol-d6	126.318		15-107		84	SPK: -150
4165-60-0	Nitrobenzene-d5	87.732		18-107		88	SPK: -100
321-60-8	2-Fluorobiphenyl	87.861		20-109		88	SPK: -100

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	PB165339BS	SDG No.:	BF120324
Lab Sample ID:	PB165339BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF140708.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	137.97		10-116		92	SPK: -150
1718-51-0	Terphenyl-d14	86.178		10-105		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81217	6.869				
1146-65-2	Naphthalene-d8	305123	8.151				
15067-26-2	Acenaphthene-d10	179756	9.91				
1517-22-2	Phenanthrene-d10	350198	11.398				
1719-03-5	Chrysene-d12	269342	14.057				
1520-96-3	Perylene-d12	213445	15.557				

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	PB165339BL	SDG No.:	BF120324
Lab Sample ID:	PB165339BL	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
BF140709.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

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

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	PB165339BL	SDG No.:	BF120324
Lab Sample ID:	PB165339BL	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
BF140709.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

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

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	PB165339BL	SDG No.:	BF120324
Lab Sample ID:	PB165339BL	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
BF140709.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	151.296		18-112		101	SPK: -150
13127-88-3	Phenol-d6	145.832		15-107		97	SPK: -150
4165-60-0	Nitrobenzene-d5	97.992		18-107		98	SPK: -100
321-60-8	2-Fluorobiphenyl	102.081		20-109		102	SPK: -100

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	PB165339BL	SDG No.:	BF120324
Lab Sample ID:	PB165339BL	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
BF140709.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	146.15		10-116		97	SPK: -150
1718-51-0	Terphenyl-d14	102.463		10-105		102	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67401	6.869				
1146-65-2	Naphthalene-d8	265757	8.145				
15067-26-2	Acenaphthene-d10	150334	9.904				
1517-22-2	Phenanthrene-d10	305477	11.398				
1719-03-5	Chrysene-d12	193693	14.051				
1520-96-3	Perylene-d12	151672	15.557				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	100	J			2.199	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	A			5.11	

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	MW-08	SDG No.:	BF120324
Lab Sample ID:	P5021-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140710.D	1	11/27/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165296

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8.1	10.1	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5.1	ug/L
100-52-7	Benzaldehyde	4	U	4	8.1	10.1	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5.1	ug/L
108-95-2	Phenol	0.94	U	0.94	4	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5.1	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	4	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.89	U	0.89	4	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.81	U	0.81	4	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.85	U	0.85	4	5.1	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.1	10.1	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5.1	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5.1	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.1	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5.1	ug/L
78-59-1	Isophorone	1.2	U	1.2	4	5.1	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5.1	ug/L
105-67-9	2,4-Dimethylphenol	10.8		1.5	4	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.89	U	0.89	4	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5.1	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8.1	10.1	ug/L
91-20-3	Naphthalene	200	E	1	4	5.1	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5.1	ug/L

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	MW-08	SDG No.:	BF120324
Lab Sample ID:	P5021-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140710.D	1	11/27/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165296

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.1	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	0.85	U	0.85	4	5.1	ug/L
91-57-6	2-Methylnaphthalene	46.9		1.1	4	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	8.1	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	0.9	U	0.9	4	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5.1	ug/L
92-52-4	1,1-Biphenyl	0.92	U	0.92	4	5.1	ug/L
91-58-7	2-Chloronaphthalene	0.98	U	0.98	4	5.1	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5.1	ug/L
131-11-3	Dimethylphthalate	0.94	U	0.94	4	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4	5.1	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5.1	ug/L
83-32-9	Acenaphthene	0.82	U	0.82	4	5.1	ug/L
Total PAH	Total PAH	200	U	17.61	4	81.6	ug/L
51-28-5	2,4-Dinitrophenol	6.5	U	6.5	8.1	10.1	ug/L
100-02-7	4-Nitrophenol	2	U	2	8.1	10.1	ug/L
132-64-9	Dibenzofuran	0.94	U	0.94	4	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.8	U	2.8	4	10.2	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.99	U	0.99	4	5.1	ug/L
86-73-7	Fluorene	0.97	U	0.97	4	5.1	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8.1	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	0.9	U	0.9	4	5.1	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	4	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4	5.1	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5.1	ug/L

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	MW-08	SDG No.:	BF120324
Lab Sample ID:	P5021-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140710.D	1	11/27/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165296

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.1	10.1	ug/L
85-01-8	Phenanthrene	0.9	U	0.9	4	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5.1	ug/L
92-87-5	Benzidine	4.1	U	4.1	8.1	10.1	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.1	10.1	ug/L
56-55-3	Benzo(a)anthracene	0.95	U	0.95	4	5.1	ug/L
218-01-9	Chrysene	0.87	U	0.87	4	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8.1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.8	U	0.8	4	5.1	ug/L
90-12-0	1-Methylnaphthalene	32.6		0.87	4	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	50.754		10-139		34	SPK: -150
13127-88-3	Phenol-d6	37.97		10-134		25	SPK: -150
4165-60-0	Nitrobenzene-d5	75.934		49-133		76	SPK: -100
321-60-8	2-Fluorobiphenyl	76.645		52-132		77	SPK: -100

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	MW-08	SDG No.:	BF120324
Lab Sample ID:	P5021-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140710.D	1	11/27/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165296

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	120.369		44-137		80	SPK: -150
1718-51-0	Terphenyl-d14	80.677		48-125		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83408	6.869				
1146-65-2	Naphthalene-d8	298688	8.151				
15067-26-2	Acenaphthene-d10	174661	9.904				
1517-22-2	Phenanthrene-d10	305249	11.398				
1719-03-5	Chrysene-d12	169161	14.051				
1520-96-3	Perylene-d12	157526	15.563				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J			2.134	
006863-58-7	Di-sec-Butyl ether	12.4	J			4.399	
000999-65-5	Butane, 1-(1-methylpropoxy)-	11.3	J			4.481	
000108-38-3	Benzene, 1,3-dimethyl-	120	J			5.728	
000611-14-3	Benzene, 1-ethyl-2-methyl-	65	J			6.428	
000108-67-8	Mesitylene	270	J			6.704	
000620-14-4	Benzene, 1-ethyl-3-methyl-	120	J			6.928	
000496-11-7	Indane	230	J			7.057	
000141-93-5	Benzene, 1,3-diethyl-	41.3	J			7.116	
000135-01-3	Benzene, 1,2-diethyl-	37.8	J			7.187	
001074-55-1	Benzene, 1-methyl-4-propyl-	12.9	J			7.257	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	32.7	J			7.334	
	unknown9.092	13.1	J			9.092	
039627-61-7	7-Methylindan-1-one	17.4	J			9.157	
000480-63-7	Benzoic acid, 2,4,6-trimethyl-	37	J			9.463	
000528-90-5	Benzoic acid, 2,4,5-trimethyl-	19.1	J			9.575	
000057-10-3	n-Hexadecanoic acid	12	J			11.922	

Report of Analysis

Client:				Date Collected:	11/26/2024 12:00:00 AM		
Project:				Date Received:	11/26/2024 12:00:00 AM		
Client Sample ID:	MW-10			SDG No.:	BF120324		
Lab Sample ID:	P5021-03			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140711.D	1	11/27/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165296

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.2	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.1	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.2	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.1	ug/L
108-95-2	Phenol	0.95	U	0.95	4.1	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.1	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	4.1	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.9	U	0.9	4.1	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.86	U	0.86	4.1	5.1	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.2	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.1	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.1	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1	U	1	4.1	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.1	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.1	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4.1	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4.1	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.9	U	0.9	4.1	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.2	ug/L
91-20-3	Naphthalene	1	U	1	4.1	5.1	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	MW-10	SDG No.:	BF120324
Lab Sample ID:	P5021-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140711.D	1	11/27/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165296

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	0.86	U	0.86	4.1	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.1	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	8.2	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	0.91	U	0.91	4.1	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.1	ug/L
92-52-4	1,1-Biphenyl	0.93	U	0.93	4.1	5.1	ug/L
91-58-7	2-Chloronaphthalene	0.99	U	0.99	4.1	5.1	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
131-11-3	Dimethylphthalate	0.95	U	0.95	4.1	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.1	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
83-32-9	Acenaphthene	0.83	U	0.83	4.1	5.1	ug/L
Total PAH	Total PAH	17.66	U	17.66	4.1	81.6	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	2	U	2	8.2	10.2	ug/L
132-64-9	Dibenzofuran	0.95	U	0.95	4.1	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.1	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.1	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.1	ug/L
86-73-7	Fluorene	0.98	U	0.98	4.1	5.1	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8.2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	0.91	U	0.91	4.1	5.1	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	4.1	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.1	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	MW-10	SDG No.:	BF120324
Lab Sample ID:	P5021-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140711.D	1	11/27/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165296

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.2	ug/L
85-01-8	Phenanthrene	0.91	U	0.91	4.1	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.1	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.2	10.2	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4.1	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.96	U	0.96	4.1	5.1	ug/L
218-01-9	Chrysene	0.88	U	0.88	4.1	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4.1	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.88	U	0.88	4.1	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	62.341		10-139		42	SPK: -150
13127-88-3	Phenol-d6	40.634		10-134		27	SPK: -150
4165-60-0	Nitrobenzene-d5	91.821		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	94.236		52-132		94	SPK: -100

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	MW-10	SDG No.:	BF120324
Lab Sample ID:	P5021-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140711.D	1	11/27/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165296

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	143.702		44-137		96	SPK: -150
1718-51-0	Terphenyl-d14	93.696		48-125		94	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70972	6.869				
1146-65-2	Naphthalene-d8	269570	8.151				
15067-26-2	Acenaphthene-d10	149746	9.904				
1517-22-2	Phenanthrene-d10	271510	11.398				
1719-03-5	Chrysene-d12	165452	14.051				
1520-96-3	Perylene-d12	151648	15.574				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	150	J			2.134	
003177-74-0	3,3-Dimethylpentanoic acid	4.5	J			6.71	
	unknown7.104	3.9	J			7.104	
000135-01-3	Benzene, 1,2-diethyl-	4.2	J			7.198	
151705-35-0	Hexane, 1-(ethoxymethoxy)-	5.2	J			7.298	
001758-85-6	Benzene, 2,4-diethyl-1-methyl-	4.3	J			8.087	
	unknown8.375	5.8	J			8.375	
	unknown8.728	6	J			8.728	
	unknown8.816	11.9	J			8.816	
	unknown9.034	5	J			9.034	
067009-90-9	Tricyclo[4.2.1.1(2,5)]decan-9-one	3.7	J			9.086	
	unknown9.392	5.9	J			9.392	
	unknown9.663	6.6	J			9.663	
	unknown10.063	9.2	J			10.063	
	unknown10.210	6.7	J			10.21	
	unknown10.263	11.2	J			10.263	
004441-58-1	4-Cyclohexylidene-n-butanol	4.2	J			10.328	
	unknown10.522	5.3	J			10.522	
	unknown10.651	4.3	J			10.651	

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	MW-10	SDG No.:	BF120324
Lab Sample ID:	P5021-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140711.D	1	11/27/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165296

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000057-10-3	n-Hexadecanoic acid	6.1	J			11.922	

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	MW-12	SDG No.:	BF120324
Lab Sample ID:	P5021-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140712.D	1	11/27/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165296

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.2	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.1	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.2	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.1	ug/L
108-95-2	Phenol	0.95	U	0.95	4.1	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.1	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	4.1	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.9	U	0.9	4.1	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.86	U	0.86	4.1	5.1	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.2	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.1	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.1	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1	U	1	4.1	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.1	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.1	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.1	ug/L
105-67-9	2,4-Dimethylphenol	36.6		1.5	4.1	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4.1	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.9	U	0.9	4.1	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.2	ug/L
91-20-3	Naphthalene	150	E	1	4.1	5.1	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	MW-12	SDG No.:	BF120324
Lab Sample ID:	P5021-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140712.D	1	11/27/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165296

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	0.86	U	0.86	4.1	5.1	ug/L
91-57-6	2-Methylnaphthalene	3.2	J	1.2	4.1	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	8.2	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	0.91	U	0.91	4.1	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.1	ug/L
92-52-4	1,1-Biphenyl	0.93	U	0.93	4.1	5.1	ug/L
91-58-7	2-Chloronaphthalene	0.99	U	0.99	4.1	5.1	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
131-11-3	Dimethylphthalate	0.95	U	0.95	4.1	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.1	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
83-32-9	Acenaphthene	0.83	U	0.83	4.1	5.1	ug/L
Total PAH	Total PAH	150	U	17.66	4.1	81.6	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	2	U	2	8.2	10.2	ug/L
132-64-9	Dibenzofuran	0.95	U	0.95	4.1	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.1	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.1	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.1	ug/L
86-73-7	Fluorene	0.98	U	0.98	4.1	5.1	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8.2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	0.91	U	0.91	4.1	5.1	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	4.1	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.1	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	MW-12	SDG No.:	BF120324
Lab Sample ID:	P5021-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140712.D	1	11/27/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165296

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.2	ug/L
85-01-8	Phenanthrene	0.91	U	0.91	4.1	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.1	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.2	10.2	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4.1	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.96	U	0.96	4.1	5.1	ug/L
218-01-9	Chrysene	0.88	U	0.88	4.1	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4.1	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.1	ug/L
90-12-0	1-Methylnaphthalene	25.3		0.88	4.1	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	60.323		10-139		40	SPK: -150
13127-88-3	Phenol-d6	42.155		10-134		28	SPK: -150
4165-60-0	Nitrobenzene-d5	93.495		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	88.445		52-132		88	SPK: -100

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	MW-12	SDG No.:	BF120324
Lab Sample ID:	P5021-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140712.D	1	11/27/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165296

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	139.626		44-137		93	SPK: -150
1718-51-0	Terphenyl-d14	97.224		48-125		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67828	6.869				
1146-65-2	Naphthalene-d8	251382	8.151				
15067-26-2	Acenaphthene-d10	155575	9.904				
1517-22-2	Phenanthrene-d10	260123	11.398				
1719-03-5	Chrysene-d12	154428	14.051				
1520-96-3	Perylene-d12	130761	15.563				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	170	J			2.14	
000611-14-3	Benzene, 1-ethyl-2-methyl-	62	J			6.428	
000108-67-8	Mesitylene	340	J			6.698	
000526-73-8	Benzene, 1,2,3-trimethyl-	300	J			6.934	
000496-11-7	Indane	280	J			7.057	
000673-32-5	Benzene, 1-propynyl-	93.7	J			7.128	
002783-26-8	2-Tolyloxirane	43.1	J			7.187	
001074-55-1	Benzene, 1-methyl-4-propyl-	22.9	J			7.257	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	60.2	J			7.328	
000622-47-9	p-Tolylacetic acid	30.9	J			9.051	
004701-36-4	Benzene, (1-ethyl-1-propenyl)-	19	J			9.151	
000480-63-7	Benzoic acid, 2,4,6-trimethyl-	24.8	J			9.457	
	unknown9.498	26.1	J			9.498	
000528-90-5	Benzoic acid, 2,4,5-trimethyl-	20.6	J			9.775	
000050-84-0	Benzoic acid, 2,4-dichloro-	38.5	J			9.992	

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-63	SDG No.:	BF120324
Lab Sample ID:	P5052-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.9
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
BF140713.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	54.7	U	54.7	170	210	ug/Kg
110-86-1	Pyridine	50.3	U	50.3	81.9	110	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	210	ug/Kg
62-53-3	Aniline	61	U	61	81.9	110	ug/Kg
108-95-2	Phenol	52.2	U	52.2	81.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	52.7	U	52.7	81.9	110	ug/Kg
95-57-8	2-Chlorophenol	52.6	U	52.6	81.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53.3	U	53.3	81.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.2	U	54.2	81.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	54.5	U	54.5	81.9	110	ug/Kg
100-51-6	Benzyl Alcohol	52.3	U	52.3	170	210	ug/Kg
95-48-7	2-Methylphenol	50.8	U	50.8	81.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57.3	U	57.3	81.9	110	ug/Kg
98-86-2	Acetophenone	54.7	U	54.7	81.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	50.3	U	50.3	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.4	U	25.4	50.4	50.4	ug/Kg
67-72-1	Hexachloroethane	52.3	U	52.3	81.9	110	ug/Kg
98-95-3	Nitrobenzene	57.2	U	57.2	81.9	110	ug/Kg
78-59-1	Isophorone	53.3	U	53.3	81.9	110	ug/Kg
88-75-5	2-Nitrophenol	59.5	U	59.5	81.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	58.7	U	58.7	81.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54	U	54	81.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	47.6	U	47.6	81.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	53.8	U	53.8	81.9	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	52	U	52	81.9	110	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	81.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	52.5	U	52.5	81.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-63	SDG No.:	BF120324
Lab Sample ID:	P5052-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.9
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
BF140713.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	54.7	U	54.7	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48.8	U	48.8	81.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	52	U	52	81.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	98.3	U	98.3	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45	U	45	81.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46.6	U	46.6	81.9	110	ug/Kg
92-52-4	1,1-Biphenyl	55.1	U	55.1	81.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	52.5	U	52.5	81.9	110	ug/Kg
88-74-4	2-Nitroaniline	59.8	U	59.8	81.9	110	ug/Kg
131-11-3	Dimethylphthalate	51.5	U	51.5	81.9	110	ug/Kg
208-96-8	Acenaphthylene	54.5	U	54.5	81.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	52.4	U	52.4	81.9	110	ug/Kg
99-09-2	3-Nitroaniline	56.2	U	56.2	81.9	110	ug/Kg
83-32-9	Acenaphthene	51.1	U	51.1	81.9	110	ug/Kg
Total PAH	Total PAH	834.8	U	834.8	81.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	73.1	U	73.1	170	210	ug/Kg
132-64-9	Dibenzofuran	53.2	U	53.2	81.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	106.7	U	106.7	81.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	54.3	U	54.3	81.9	110	ug/Kg
84-66-2	Diethylphthalate	50.5	U	50.5	81.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53.9	U	53.9	81.9	110	ug/Kg
86-73-7	Fluorene	53.9	U	53.9	81.9	110	ug/Kg
100-01-6	4-Nitroaniline	67.4	U	67.4	81.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	73.7	U	73.7	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	51.4	U	51.4	81.9	110	ug/Kg
103-33-3	Azobenzene	50.1	U	50.1	81.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49.7	U	49.7	81.9	110	ug/Kg
118-74-1	Hexachlorobenzene	53.5	U	53.5	81.9	110	ug/Kg
1912-24-9	Atrazine	57.6	U	57.6	81.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-63	SDG No.:	BF120324
Lab Sample ID:	P5052-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.9
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
BF140713.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	48.7	U	48.7	170	210	ug/Kg
85-01-8	Phenanthrene	52.9	U	52.9	81.9	110	ug/Kg
120-12-7	Anthracene	53.2	U	53.2	81.9	110	ug/Kg
86-74-8	Carbazole	50.6	U	50.6	81.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.1	U	53.1	81.9	110	ug/Kg
206-44-0	Fluoranthene	51.5	U	51.5	81.9	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	52.3	U	52.3	81.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	61	U	61	81.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62.1	U	62.1	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	50.8	U	50.8	81.9	110	ug/Kg
218-01-9	Chrysene	50.1	U	50.1	81.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57.3	U	57.3	81.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	69.3	U	69.3	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	51.1	U	51.1	81.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	U	52	81.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	58.6	U	58.6	81.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49.2	U	49.2	81.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.1	U	51.1	81.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50.5	U	50.5	81.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54.7	U	54.7	81.9	110	ug/Kg
123-91-1	1,4-Dioxane	69.3	U	69.3	81.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.1	U	47.1	81.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	52.4	U	52.4	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	102.978		18-112		69	SPK: -150
13127-88-3	Phenol-d6	101.915		15-107		68	SPK: -150
4165-60-0	Nitrobenzene-d5	68.501		18-107		69	SPK: -100
321-60-8	2-Fluorobiphenyl	68.42		20-109		68	SPK: -100

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-63	SDG No.:	BF120324
Lab Sample ID:	P5052-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.9
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
BF140713.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	108.268		10-116		72	SPK: -150
1718-51-0	Terphenyl-d14	69.601		10-105		70	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77226	6.869				
1146-65-2	Naphthalene-d8	302553	8.151				
15067-26-2	Acenaphthene-d10	187592	9.904				
1517-22-2	Phenanthrene-d10	367282	11.398				
1719-03-5	Chrysene-d12	191356	14.057				
1520-96-3	Perylene-d12	190537	15.586				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.152	
004744-10-9	Propane, 1,1-dimethoxy-	52.5	J			2.263	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			5.099	
000119-61-9	Benzophenone	230	J			10.622	
000057-10-3	n-Hexadecanoic acid	150	J			11.916	
015594-90-8	1-Heneicosanol	130	J			13.88	
106010-22-4	Palmitoleamide	58.6	J			14.845	
	unknown17.633	130	J			17.633	

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-63MS	SDG No.:	BF120324
Lab Sample ID:	P5052-19MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.9
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
BF140714.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	960		54.7	170	210	ug/Kg
110-86-1	Pyridine	1000		50.4	82	110	ug/Kg
100-52-7	Benzaldehyde	560		110	170	210	ug/Kg
62-53-3	Aniline	1200		61.1	82	110	ug/Kg
108-95-2	Phenol	1100		52.3	82	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		52.8	82	110	ug/Kg
95-57-8	2-Chlorophenol	1100		52.6	82	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		53.3	82	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		54.2	82	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		54.5	82	110	ug/Kg
100-51-6	Benzyl Alcohol	1100		52.3	170	210	ug/Kg
95-48-7	2-Methylphenol	1100		50.8	82	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		57.3	82	110	ug/Kg
98-86-2	Acetophenone	1100		54.8	82	110	ug/Kg
65794-96-9	3+4-Methylphenols	1100		50.3	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		25.4	50.4	50.4	ug/Kg
67-72-1	Hexachloroethane	1000		52.3	82	110	ug/Kg
98-95-3	Nitrobenzene	1000		57.2	82	110	ug/Kg
78-59-1	Isophorone	1100		53.3	82	110	ug/Kg
88-75-5	2-Nitrophenol	1100		59.6	82	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		58.8	82	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		54.1	82	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		47.6	82	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		53.8	82	110	ug/Kg
65-85-0	Benzoic acid	890		150	170	210	ug/Kg
91-20-3	Naphthalene	1000		52.1	82	110	ug/Kg
106-47-8	4-Chloroaniline	540		52.1	82	110	ug/Kg
87-68-3	Hexachlorobutadiene	1000		52.5	82	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-63MS	SDG No.:	BF120324
Lab Sample ID:	P5052-19MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.9
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
BF140714.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		54.7	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		48.9	82	110	ug/Kg
91-57-6	2-Methylnaphthalene	1100		52	82	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3400	E	98.3	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		45	82	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		46.7	82	110	ug/Kg
92-52-4	1,1-Biphenyl	1100		55.1	82	110	ug/Kg
91-58-7	2-Chloronaphthalene	1100		52.5	82	110	ug/Kg
88-74-4	2-Nitroaniline	1000		59.9	82	110	ug/Kg
131-11-3	Dimethylphthalate	1100		51.5	82	110	ug/Kg
208-96-8	Acenaphthylene	1100		54.5	82	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		52.5	82	110	ug/Kg
99-09-2	3-Nitroaniline	790		56.2	82	110	ug/Kg
83-32-9	Acenaphthene	1100		51.1	82	110	ug/Kg
Total PAH	Total PAH	17680		835.3	82	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	2000	E	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	1900	E	73.1	170	210	ug/Kg
132-64-9	Dibenzofuran	1100		53.2	82	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2100		106.8	82	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		54.3	82	110	ug/Kg
84-66-2	Diethylphthalate	1100		50.5	82	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		54	82	110	ug/Kg
86-73-7	Fluorene	1100		53.9	82	110	ug/Kg
100-01-6	4-Nitroaniline	1000		67.5	82	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		73.8	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		51.4	82	110	ug/Kg
103-33-3	Azobenzene	1200		50.2	82	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		49.7	82	110	ug/Kg
118-74-1	Hexachlorobenzene	1100		53.6	82	110	ug/Kg
1912-24-9	Atrazine	1400		57.6	82	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-63MS	SDG No.:	BF120324
Lab Sample ID:	P5052-19MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.9
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
BF140714.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2100	E	48.7	170	210	ug/Kg
85-01-8	Phenanthrene	1100		53	82	110	ug/Kg
120-12-7	Anthracene	1200		53.2	82	110	ug/Kg
86-74-8	Carbazole	1100		50.6	82	110	ug/Kg
84-74-2	Di-n-butylphthalate	1200		53.1	82	110	ug/Kg
206-44-0	Fluoranthene	1000		51.5	82	110	ug/Kg
92-87-5	Benzidine	1200		100	170	210	ug/Kg
129-00-0	Pyrene	1100		52.3	82	110	ug/Kg
85-68-7	Butylbenzylphthalate	1300		61	82	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	770		62.2	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	1100		50.9	82	110	ug/Kg
218-01-9	Chrysene	1100		50.1	82	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		57.4	82	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		69.3	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	980		51.1	82	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		52.1	82	110	ug/Kg
50-32-8	Benzo(a)pyrene	1200		58.6	82	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		49.2	82	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		51.2	82	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		50.5	82	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		54.7	82	110	ug/Kg
123-91-1	1,4-Dioxane	930		69.3	82	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		47.1	82	110	ug/Kg
90-12-0	1-Methylnaphthalene	1000		52.5	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.711		18-112		59	SPK: -150
13127-88-3	Phenol-d6	86.036		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	60.527		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	63.762		20-109		64	SPK: -100

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-63MS	SDG No.:	BF120324
Lab Sample ID:	P5052-19MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.9
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
BF140714.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	93.329		10-116		62	SPK: -150
1718-51-0	Terphenyl-d14	71.83		10-105		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73179	6.869				
1146-65-2	Naphthalene-d8	271468	8.151				
15067-26-2	Acenaphthene-d10	151961	9.91				
1517-22-2	Phenanthrene-d10	284634	11.398				
1719-03-5	Chrysene-d12	148106	14.057				
1520-96-3	Perylene-d12	148978	15.562				

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-63MSD	SDG No.:	BF120324
Lab Sample ID:	P5052-19MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.9
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
BF140715.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	960		54.7	170	210	ug/Kg
110-86-1	Pyridine	990		50.4	81.9	110	ug/Kg
100-52-7	Benzaldehyde	560		110	170	210	ug/Kg
62-53-3	Aniline	1200		61.1	81.9	110	ug/Kg
108-95-2	Phenol	1100		52.3	81.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		52.8	81.9	110	ug/Kg
95-57-8	2-Chlorophenol	1100		52.6	81.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		53.3	81.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		54.2	81.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		54.5	81.9	110	ug/Kg
100-51-6	Benzyl Alcohol	1100		52.3	170	210	ug/Kg
95-48-7	2-Methylphenol	1000		50.8	81.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		57.3	81.9	110	ug/Kg
98-86-2	Acetophenone	1000		54.8	81.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	1100		50.3	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		25.4	50.4	50.4	ug/Kg
67-72-1	Hexachloroethane	1000		52.3	81.9	110	ug/Kg
98-95-3	Nitrobenzene	980		57.2	81.9	110	ug/Kg
78-59-1	Isophorone	1100		53.3	81.9	110	ug/Kg
88-75-5	2-Nitrophenol	1100		59.6	81.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		58.7	81.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		54.1	81.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		47.6	81.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	980		53.8	81.9	110	ug/Kg
65-85-0	Benzoic acid	910		150	170	210	ug/Kg
91-20-3	Naphthalene	1000		52.1	81.9	110	ug/Kg
106-47-8	4-Chloroaniline	490		52.1	81.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	1000		52.5	81.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-63MSD	SDG No.:	BF120324
Lab Sample ID:	P5052-19MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.9
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140715.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1000		54.7	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		48.8	81.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	1100		52	81.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3300	E	98.3	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		45	81.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		46.6	81.9	110	ug/Kg
92-52-4	1,1-Biphenyl	1100		55.1	81.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	1000		52.5	81.9	110	ug/Kg
88-74-4	2-Nitroaniline	1000		59.9	81.9	110	ug/Kg
131-11-3	Dimethylphthalate	1100		51.5	81.9	110	ug/Kg
208-96-8	Acenaphthylene	1100		54.5	81.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		52.4	81.9	110	ug/Kg
99-09-2	3-Nitroaniline	750		56.2	81.9	110	ug/Kg
83-32-9	Acenaphthene	1100		51.1	81.9	110	ug/Kg
Total PAH	Total PAH	17290		835.2	81.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	1900	E	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	1800	E	73.1	170	210	ug/Kg
132-64-9	Dibenzofuran	1100		53.2	81.9	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		54.3	81.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2000		106.7	81.9	220	ug/Kg
84-66-2	Diethylphthalate	1100		50.5	81.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		54	81.9	110	ug/Kg
86-73-7	Fluorene	1000		53.9	81.9	110	ug/Kg
100-01-6	4-Nitroaniline	980		67.4	81.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		73.7	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		51.4	81.9	110	ug/Kg
103-33-3	Azobenzene	1200		50.2	81.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		49.7	81.9	110	ug/Kg
118-74-1	Hexachlorobenzene	1100		53.6	81.9	110	ug/Kg
1912-24-9	Atrazine	1300		57.6	81.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-63MSD	SDG No.:	BF120324
Lab Sample ID:	P5052-19MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.9
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140715.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2000	E	48.7	170	210	ug/Kg
85-01-8	Phenanthrene	1100		52.9	81.9	110	ug/Kg
120-12-7	Anthracene	1100		53.2	81.9	110	ug/Kg
86-74-8	Carbazole	1000		50.6	81.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	1200		53.1	81.9	110	ug/Kg
206-44-0	Fluoranthene	990		51.5	81.9	110	ug/Kg
92-87-5	Benzidine	1200		100	170	210	ug/Kg
129-00-0	Pyrene	1100		52.3	81.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	1300		61	81.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	860		62.1	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	1100		50.9	81.9	110	ug/Kg
218-01-9	Chrysene	1000		50.1	81.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		57.4	81.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		69.3	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		51.1	81.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		52.1	81.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	1200		58.6	81.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		49.2	81.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		51.2	81.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		50.5	81.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		54.7	81.9	110	ug/Kg
123-91-1	1,4-Dioxane	930		69.3	81.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		47.1	81.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	990		52.4	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.598		18-112		58	SPK: -150
13127-88-3	Phenol-d6	85.452		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	58.853		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	62.375		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-63MSD	SDG No.:	BF120324
Lab Sample ID:	P5052-19MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.9
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140715.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	89.35		10-116		60	SPK: -150
1718-51-0	Terphenyl-d14	69.74		10-105		70	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77448	6.869				
1146-65-2	Naphthalene-d8	291501	8.151				
15067-26-2	Acenaphthene-d10	161248	9.91				
1517-22-2	Phenanthrene-d10	295257	11.398				
1719-03-5	Chrysene-d12	146649	14.063				
1520-96-3	Perylene-d12	156187	15.586				

Report of Analysis

Client:		Date Collected:	11/27/2024 12:00:00 AM
Project:		Date Received:	11/27/2024 12:00:00 AM
Client Sample ID:	SU-04-11222024DL	SDG No.:	BF120324
Lab Sample ID:	P5045-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
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
BF140716.D	2	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	430	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	350	430	ug/Kg
62-53-3	Aniline	130	U	130	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	430	ug/Kg
95-48-7	2-Methylphenol	110	U	110	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	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.8	U	52.8	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	99	U	99	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	310	U	310	350	430	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:	11/27/2024 12:00:00 AM
Project:		Date Received:	11/27/2024 12:00:00 AM
Client Sample ID:	SU-04-11222024DL	SDG No.:	BF120324
Lab Sample ID:	P5045-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
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
BF140716.D	2	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	93.6	U	93.6	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	97	U	97	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	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	220	ug/Kg
Total PAH	Total PAH	9770	UD	1740	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	350	430	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	430	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	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	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:	11/27/2024 12:00:00 AM
Project:		Date Received:	11/27/2024 12:00:00 AM
Client Sample ID:	SU-04-11222024DL	SDG No.:	BF120324
Lab Sample ID:	P5045-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
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
BF140716.D	2	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	350	430	ug/Kg
85-01-8	Phenanthrene	830	D	110	170	220	ug/Kg
120-12-7	Anthracene	300	D	110	170	220	ug/Kg
86-74-8	Carbazole	110	U	110	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	1700	D	110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	430	ug/Kg
129-00-0	Pyrene	1400	D	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	430	ug/Kg
56-55-3	Benzo(a)anthracene	1100	D	110	170	220	ug/Kg
218-01-9	Chrysene	870	D	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	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	D	110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	460	D	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	980	D	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	430	D	100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	JD	110	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	470	D	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	97.9	U	97.9	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.764		18-112		58	SPK: -150
13127-88-3	Phenol-d6	83.504		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	58.628		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	62.608		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	11/27/2024 12:00:00 AM
Project:		Date Received:	11/27/2024 12:00:00 AM
Client Sample ID:	SU-04-11222024DL	SDG No.:	BF120324
Lab Sample ID:	P5045-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
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
BF140716.D	2	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	73.048		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	51.822		10-105		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78891	6.869				
1146-65-2	Naphthalene-d8	293060	8.151				
15067-26-2	Acenaphthene-d10	153756	9.904				
1517-22-2	Phenanthrene-d10	248875	11.398				
1719-03-5	Chrysene-d12	146599	14.057				
1520-96-3	Perylene-d12	175946	15.58				

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-50	SDG No.:	BF120324
Lab Sample ID:	P5052-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140717.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.2	U	55.2	170	210	ug/Kg
110-86-1	Pyridine	50.8	U	50.8	82.6	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	61.6	U	61.6	82.6	110	ug/Kg
108-95-2	Phenol	52.7	U	52.7	82.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.2	U	53.2	82.6	110	ug/Kg
95-57-8	2-Chlorophenol	53.1	U	53.1	82.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53.8	U	53.8	82.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.7	U	54.7	82.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55	U	55	82.6	110	ug/Kg
100-51-6	Benzyl Alcohol	52.7	U	52.7	170	210	ug/Kg
95-48-7	2-Methylphenol	51.2	U	51.2	82.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57.8	U	57.8	82.6	110	ug/Kg
98-86-2	Acetophenone	55.2	U	55.2	82.6	110	ug/Kg
65794-96-9	3+4-Methylphenols	50.7	U	50.7	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.6	U	25.6	50.8	50.8	ug/Kg
67-72-1	Hexachloroethane	52.7	U	52.7	82.6	110	ug/Kg
98-95-3	Nitrobenzene	57.7	U	57.7	82.6	110	ug/Kg
78-59-1	Isophorone	53.8	U	53.8	82.6	110	ug/Kg
88-75-5	2-Nitrophenol	60.1	U	60.1	82.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59.2	U	59.2	82.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.5	U	54.5	82.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	82.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.3	U	54.3	82.6	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	52.5	U	52.5	82.6	110	ug/Kg
106-47-8	4-Chloroaniline	52.5	U	52.5	82.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	52.9	U	52.9	82.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-50	SDG No.:	BF120324
Lab Sample ID:	P5052-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140717.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55.2	U	55.2	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.3	U	49.3	82.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.4	U	52.4	82.6	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99.1	U	99.1	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.4	U	45.4	82.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	82.6	110	ug/Kg
92-52-4	1,1-Biphenyl	55.5	U	55.5	82.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	52.9	U	52.9	82.6	110	ug/Kg
88-74-4	2-Nitroaniline	60.4	U	60.4	82.6	110	ug/Kg
131-11-3	Dimethylphthalate	51.9	U	51.9	82.6	110	ug/Kg
208-96-8	Acenaphthylene	55	U	55	82.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	52.9	U	52.9	82.6	110	ug/Kg
99-09-2	3-Nitroaniline	56.7	U	56.7	82.6	110	ug/Kg
83-32-9	Acenaphthene	51.5	U	51.5	82.6	110	ug/Kg
Total PAH	Total PAH	3110	U	841.9	82.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	73.7	U	73.7	170	210	ug/Kg
132-64-9	Dibenzofuran	53.6	U	53.6	82.6	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	54.8	U	54.8	82.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	107.7	U	107.7	82.6	220	ug/Kg
84-66-2	Diethylphthalate	50.9	U	50.9	82.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.4	U	54.4	82.6	110	ug/Kg
86-73-7	Fluorene	54.3	U	54.3	82.6	110	ug/Kg
100-01-6	4-Nitroaniline	68	U	68	82.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74.4	U	74.4	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	51.9	U	51.9	82.6	110	ug/Kg
103-33-3	Azobenzene	50.6	U	50.6	82.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.1	U	50.1	82.6	110	ug/Kg
118-74-1	Hexachlorobenzene	54	U	54	82.6	110	ug/Kg
1912-24-9	Atrazine	58.1	U	58.1	82.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-50	SDG No.:	BF120324
Lab Sample ID:	P5052-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140717.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.1	U	49.1	170	210	ug/Kg
85-01-8	Phenanthrene	360		53.4	82.6	110	ug/Kg
120-12-7	Anthracene	53.6	U	53.6	82.6	110	ug/Kg
86-74-8	Carbazole	51	U	51	82.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.6	U	53.6	82.6	110	ug/Kg
206-44-0	Fluoranthene	630		51.9	82.6	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	510		52.7	82.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.5	U	61.5	82.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62.7	U	62.7	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	270		51.3	82.6	110	ug/Kg
218-01-9	Chrysene	290		50.5	82.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57.8	U	57.8	82.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	69.9	U	69.9	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	320		51.5	82.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	160		52.5	82.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	270		59.1	82.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140		49.6	82.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.6	U	51.6	82.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160		50.9	82.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55.2	U	55.2	82.6	110	ug/Kg
123-91-1	1,4-Dioxane	69.9	U	69.9	82.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.5	U	47.5	82.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	52.9	U	52.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.494		18-112		54	SPK: -150
13127-88-3	Phenol-d6	80.779		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	56.635		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	59.373		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-50	SDG No.:	BF120324
Lab Sample ID:	P5052-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140717.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	76.981		10-116		51	SPK: -150
1718-51-0	Terphenyl-d14	53.79		10-105		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77056	6.869				
1146-65-2	Naphthalene-d8	285889	8.151				
15067-26-2	Acenaphthene-d10	153667	9.904				
1517-22-2	Phenanthrene-d10	261474	11.398				
1719-03-5	Chrysene-d12	145739	14.057				
1520-96-3	Perylene-d12	172979	15.574				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	930	J			2.146	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			5.092	
000119-61-9	Benzophenone	150	J			10.616	
000057-10-3	n-Hexadecanoic acid	100	J			11.921	
000203-64-5	4H-Cyclopenta[def]phenanthrene	51.3	J			12.01	
1000406-04-8	Pentadecafluorooctanoic acid, octa	63.1	J			13.874	
000192-97-2	Benzo[e]pyrene	200	J			15.445	



Client:			Date Collected:	11/27/2024 12:00:00 AM		
Project:			Date Received:	11/27/2024 12:00:00 AM		
Client Sample ID:	SOIL-1-HAM		SDG No.:	BF120324		
Lab Sample ID:	P5026-01		Matrix:	Solid		
Analytical Method:	8270E		% Moisture:	20.6		
Sample Wt/Vol:	30.07	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140718.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	410	ug/Kg
110-86-1	Pyridine	100	U	100	160	210	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	410	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	340	410	ug/Kg
95-48-7	2-Methylphenol	100	U	100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	340	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.6	U	50.6	100	100	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	110	U	110	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	94.9	U	94.9	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	210	ug/Kg
65-85-0	Benzoic acid	300	U	300	340	410	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	11/27/2024 12:00:00 AM
Project:		Date Received:	11/27/2024 12:00:00 AM
Client Sample ID:	SOIL-1-HAM	SDG No.:	BF120324
Lab Sample ID:	P5026-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.6
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140718.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	97.4	U	97.4	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	340	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	89.7	U	89.7	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	93	U	93	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	210	ug/Kg
Total PAH	Total PAH	1658	U	1658	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	340	410	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	340	410	ug/Kg
132-64-9	Dibenzofuran	110	U	110	160	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
84-66-2	Diethylphthalate	100	U	100	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	100	U	100	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99.1	U	99.1	160	210	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	11/27/2024 12:00:00 AM
Project:		Date Received:	11/27/2024 12:00:00 AM
Client Sample ID:	SOIL-1-HAM	SDG No.:	BF120324
Lab Sample ID:	P5026-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.6
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140718.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	97.1	U	97.1	340	410	ug/Kg
85-01-8	Phenanthrene	110	U	110	160	210	ug/Kg
120-12-7	Anthracene	110	U	110	160	210	ug/Kg
86-74-8	Carbazole	100	U	100	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	160	210	ug/Kg
206-44-0	Fluoranthene	100	U	100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	340	410	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	340	410	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	160	210	ug/Kg
218-01-9	Chrysene	99.9	U	99.9	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	98.1	U	98.1	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	93.9	U	93.9	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	54.362		18-112		36	SPK: -150
13127-88-3	Phenol-d6	88.876		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	63.641		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	62.183		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	11/27/2024 12:00:00 AM
Project:		Date Received:	11/27/2024 12:00:00 AM
Client Sample ID:	SOIL-1-HAM	SDG No.:	BF120324
Lab Sample ID:	P5026-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.6
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140718.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	30.239		10-116		20	SPK: -150
1718-51-0	Terphenyl-d14	53.074		10-105		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68863	6.869				
1146-65-2	Naphthalene-d8	257244	8.151				
15067-26-2	Acenaphthene-d10	137460	9.904				
1517-22-2	Phenanthrene-d10	234583	11.392				
1719-03-5	Chrysene-d12	131312	14.051				
1520-96-3	Perylene-d12	155748	15.557				

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-51	SDG No.:	BF120324
Lab Sample ID:	P5052-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
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
BF140719.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.5	U	58.5	180	220	ug/Kg
110-86-1	Pyridine	53.9	U	53.9	87.7	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.4	U	65.4	87.7	110	ug/Kg
108-95-2	Phenol	55.9	U	55.9	87.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.5	U	56.5	87.7	110	ug/Kg
95-57-8	2-Chlorophenol	56.3	U	56.3	87.7	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.1	U	57.1	87.7	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	58	U	58	87.7	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.3	U	58.3	87.7	110	ug/Kg
100-51-6	Benzyl Alcohol	56	U	56	180	220	ug/Kg
95-48-7	2-Methylphenol	54.4	U	54.4	87.7	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.3	U	61.3	87.7	110	ug/Kg
98-86-2	Acetophenone	58.6	U	58.6	87.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.8	U	53.8	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.2	U	27.2	54	54	ug/Kg
67-72-1	Hexachloroethane	56	U	56	87.7	110	ug/Kg
98-95-3	Nitrobenzene	61.2	U	61.2	87.7	110	ug/Kg
78-59-1	Isophorone	57.1	U	57.1	87.7	110	ug/Kg
88-75-5	2-Nitrophenol	63.7	U	63.7	87.7	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.9	U	62.9	87.7	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.9	U	57.9	87.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.9	U	50.9	87.7	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.6	U	57.6	87.7	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.7	U	55.7	87.7	110	ug/Kg
106-47-8	4-Chloroaniline	55.7	U	55.7	87.7	110	ug/Kg
87-68-3	Hexachlorobutadiene	56.2	U	56.2	87.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-51	SDG No.:	BF120324
Lab Sample ID:	P5052-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
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
BF140719.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.5	U	58.5	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.3	U	52.3	87.7	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.6	U	55.6	87.7	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.2	U	48.2	87.7	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.9	U	49.9	87.7	110	ug/Kg
92-52-4	1,1-Biphenyl	59	U	59	87.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	56.2	U	56.2	87.7	110	ug/Kg
88-74-4	2-Nitroaniline	64.1	U	64.1	87.7	110	ug/Kg
131-11-3	Dimethylphthalate	55.1	U	55.1	87.7	110	ug/Kg
208-96-8	Acenaphthylene	58.3	U	58.3	87.7	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.1	U	56.1	87.7	110	ug/Kg
99-09-2	3-Nitroaniline	60.2	U	60.2	87.7	110	ug/Kg
83-32-9	Acenaphthene	54.7	U	54.7	87.7	110	ug/Kg
Total PAH	Total PAH	893.7	U	893.7	87.7	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.2	U	78.2	180	220	ug/Kg
132-64-9	Dibenzofuran	56.9	U	56.9	87.7	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.2	U	114.2	87.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.1	U	58.1	87.7	110	ug/Kg
84-66-2	Diethylphthalate	54	U	54	87.7	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.7	U	57.7	87.7	110	ug/Kg
86-73-7	Fluorene	57.7	U	57.7	87.7	110	ug/Kg
100-01-6	4-Nitroaniline	72.2	U	72.2	87.7	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.9	U	78.9	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55	U	55	87.7	110	ug/Kg
103-33-3	Azobenzene	53.7	U	53.7	87.7	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.2	U	53.2	87.7	110	ug/Kg
118-74-1	Hexachlorobenzene	57.3	U	57.3	87.7	110	ug/Kg
1912-24-9	Atrazine	61.7	U	61.7	87.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-51	SDG No.:	BF120324
Lab Sample ID:	P5052-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
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
BF140719.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.1	U	52.1	180	220	ug/Kg
85-01-8	Phenanthrene	56.7	U	56.7	87.7	110	ug/Kg
120-12-7	Anthracene	56.9	U	56.9	87.7	110	ug/Kg
86-74-8	Carbazole	54.2	U	54.2	87.7	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.9	U	56.9	87.7	110	ug/Kg
206-44-0	Fluoranthene	55.1	U	55.1	87.7	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	56	U	56	87.7	110	ug/Kg
85-68-7	Butylbenzylphthalate	65.3	U	65.3	87.7	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.5	U	66.5	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.4	U	54.4	87.7	110	ug/Kg
218-01-9	Chrysene	53.6	U	53.6	87.7	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.4	U	61.4	87.7	110	ug/Kg
117-84-0	Di-n-octyl phthalate	74.2	U	74.2	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.7	U	54.7	87.7	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.7	U	55.7	87.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.7	U	62.7	87.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.7	U	52.7	87.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.8	U	54.8	87.7	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	87.7	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.5	U	58.5	87.7	110	ug/Kg
123-91-1	1,4-Dioxane	74.2	U	74.2	87.7	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.4	U	50.4	87.7	110	ug/Kg
90-12-0	1-Methylnaphthalene	56.1	U	56.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.515		18-112		54	SPK: -150
13127-88-3	Phenol-d6	79.414		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	55.714		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	58		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-51	SDG No.:	BF120324
Lab Sample ID:	P5052-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
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
BF140719.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	73.704		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	46.571		10-105		47	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73397	6.869				
1146-65-2	Naphthalene-d8	271153	8.151				
15067-26-2	Acenaphthene-d10	141008	9.904				
1517-22-2	Phenanthrene-d10	229804	11.398				
1719-03-5	Chrysene-d12	137028	14.051				
1520-96-3	Perylene-d12	155510	15.562				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			2.14	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	A			5.092	
000119-61-9	Benzophenone	150	J			10.616	
000057-10-3	n-Hexadecanoic acid	73.3	J			11.916	
002004-39-9	1-Heptacosanol	92.4	J			13.874	

Report of Analysis

Client:		Date Collected:	11/27/2024 12:00:00 AM
Project:		Date Received:	11/27/2024 12:00:00 AM
Client Sample ID:	SOIL-EAST	SDG No.:	BF120324
Lab Sample ID:	P5025-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.3
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
BF140720.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	430	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	350	430	ug/Kg
62-53-3	Aniline	130	U	130	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	430	ug/Kg
95-48-7	2-Methylphenol	110	U	110	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	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.5	U	52.5	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	98.4	U	98.4	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	310	U	310	350	430	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:	11/27/2024 12:00:00 AM
Project:		Date Received:	11/27/2024 12:00:00 AM
Client Sample ID:	SOIL-EAST	SDG No.:	BF120324
Lab Sample ID:	P5025-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.3
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
BF140720.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	93	U	93	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	96.4	U	96.4	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	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	220	ug/Kg
Total PAH	Total PAH	1740	U	1740	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	350	430	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	430	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	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	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:	11/27/2024 12:00:00 AM
Project:		Date Received:	11/27/2024 12:00:00 AM
Client Sample ID:	SOIL-EAST	SDG No.:	BF120324
Lab Sample ID:	P5025-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.3
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
BF140720.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	350	430	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	180	J	110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	430	ug/Kg
129-00-0	Pyrene	140	J	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	430	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	110	170	220	ug/Kg
218-01-9	Chrysene	100	J	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	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	110	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	110	U	110	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	97.3	U	97.3	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	103.883		18-112		69	SPK: -150
13127-88-3	Phenol-d6	100.034		15-107		67	SPK: -150
4165-60-0	Nitrobenzene-d5	72.216		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	79.304		20-109		79	SPK: -100

Report of Analysis

Client:		Date Collected:	11/27/2024 12:00:00 AM
Project:		Date Received:	11/27/2024 12:00:00 AM
Client Sample ID:	SOIL-EAST	SDG No.:	BF120324
Lab Sample ID:	P5025-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.3
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
BF140720.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	93.101		10-116		62	SPK: -150
1718-51-0	Terphenyl-d14	58.236		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68175	6.869				
1146-65-2	Naphthalene-d8	243804	8.151				
15067-26-2	Acenaphthene-d10	122377	9.904				
1517-22-2	Phenanthrene-d10	192762	11.392				
1719-03-5	Chrysene-d12	126938	14.051				
1520-96-3	Perylene-d12	140674	15.563				

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-62	SDG No.:	BF120324
Lab Sample ID:	P5052-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
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
BF140721.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.3	U	57.3	180	220	ug/Kg
110-86-1	Pyridine	52.8	U	52.8	85.9	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64	U	64	85.9	110	ug/Kg
108-95-2	Phenol	54.8	U	54.8	85.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.3	U	55.3	85.9	110	ug/Kg
95-57-8	2-Chlorophenol	55.2	U	55.2	85.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.9	U	55.9	85.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.8	U	56.8	85.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.1	U	57.1	85.9	110	ug/Kg
100-51-6	Benzyl Alcohol	54.8	U	54.8	180	220	ug/Kg
95-48-7	2-Methylphenol	53.2	U	53.2	85.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	85.9	110	ug/Kg
98-86-2	Acetophenone	57.4	U	57.4	85.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.7	U	52.7	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.6	U	26.6	52.8	52.8	ug/Kg
67-72-1	Hexachloroethane	54.8	U	54.8	85.9	110	ug/Kg
98-95-3	Nitrobenzene	60	U	60	85.9	110	ug/Kg
78-59-1	Isophorone	55.9	U	55.9	85.9	110	ug/Kg
88-75-5	2-Nitrophenol	62.4	U	62.4	85.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.6	U	61.6	85.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.7	U	56.7	85.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.9	U	49.9	85.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.4	U	56.4	85.9	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.6	U	54.6	85.9	110	ug/Kg
106-47-8	4-Chloroaniline	54.6	U	54.6	85.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	85.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-62	SDG No.:	BF120324
Lab Sample ID:	P5052-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
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
BF140721.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.3	U	57.3	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.2	U	51.2	85.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.5	U	54.5	85.9	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	85.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.9	U	48.9	85.9	110	ug/Kg
92-52-4	1,1-Biphenyl	57.7	U	57.7	85.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	85.9	110	ug/Kg
88-74-4	2-Nitroaniline	62.8	U	62.8	85.9	110	ug/Kg
131-11-3	Dimethylphthalate	54	U	54	85.9	110	ug/Kg
208-96-8	Acenaphthylene	57.1	U	57.1	85.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	85.9	110	ug/Kg
99-09-2	3-Nitroaniline	58.9	U	58.9	85.9	110	ug/Kg
83-32-9	Acenaphthene	53.6	U	53.6	85.9	110	ug/Kg
Total PAH	Total PAH	875.4	U	875.4	85.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.6	U	76.6	180	220	ug/Kg
132-64-9	Dibenzofuran	55.8	U	55.8	85.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	111.9	U	111.9	85.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.9	U	56.9	85.9	110	ug/Kg
84-66-2	Diethylphthalate	52.9	U	52.9	85.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.5	U	56.5	85.9	110	ug/Kg
86-73-7	Fluorene	56.5	U	56.5	85.9	110	ug/Kg
100-01-6	4-Nitroaniline	70.7	U	70.7	85.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77.3	U	77.3	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.9	U	53.9	85.9	110	ug/Kg
103-33-3	Azobenzene	52.6	U	52.6	85.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.1	U	52.1	85.9	110	ug/Kg
118-74-1	Hexachlorobenzene	56.2	U	56.2	85.9	110	ug/Kg
1912-24-9	Atrazine	60.4	U	60.4	85.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-62	SDG No.:	BF120324
Lab Sample ID:	P5052-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
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
BF140721.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

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	85.9	110	ug/Kg
120-12-7	Anthracene	55.8	U	55.8	85.9	110	ug/Kg
86-74-8	Carbazole	53	U	53	85.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.7	U	55.7	85.9	110	ug/Kg
206-44-0	Fluoranthene	54	U	54	85.9	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	54.8	U	54.8	85.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.9	U	63.9	85.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.1	U	65.1	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.3	U	53.3	85.9	110	ug/Kg
218-01-9	Chrysene	52.5	U	52.5	85.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60.1	U	60.1	85.9	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	53.6	U	53.6	85.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.6	U	54.6	85.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	61.4	U	61.4	85.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.6	U	51.6	85.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.6	U	53.6	85.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52.9	U	52.9	85.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.3	U	57.3	85.9	110	ug/Kg
123-91-1	1,4-Dioxane	72.7	U	72.7	85.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.3	U	49.3	85.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	55	U	55	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	107.699		18-112		72	SPK: -150
13127-88-3	Phenol-d6	103.569		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	75.675		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	78.751		20-109		79	SPK: -100

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-62	SDG No.:	BF120324
Lab Sample ID:	P5052-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
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
BF140721.D	1	12/3/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165339

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	93.57		10-116		62	SPK: -150
1718-51-0	Terphenyl-d14	55.412		10-105		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66943	6.869				
1146-65-2	Naphthalene-d8	237484	8.151				
15067-26-2	Acenaphthene-d10	119545	9.904				
1517-22-2	Phenanthrene-d10	183526	11.398				
1719-03-5	Chrysene-d12	133635	14.051				
1520-96-3	Perylene-d12	123653	15.557				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.146	
004744-10-9	Propane, 1,1-dimethoxy-	52.6	J			2.252	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	180	A			5.093	
000119-61-9	Benzophenone	180	J			10.616	
000057-10-3	n-Hexadecanoic acid	120	J			11.916	
000295-48-7	Cyclopentadecane	160	J			13.874	
000112-84-5	13-Docosenamide, (Z)-	79.1	J			14.815	
013849-96-2	17.alpha.(H),21.beta.(H)-Hopane	200	J			16.698	

Report of Analysis

Client:		Date Collected:	11/27/2024 12:00:00 AM
Project:		Date Received:	11/27/2024 12:00:00 AM
Client Sample ID:	MH-746-WC	SDG No.:	BF120324
Lab Sample ID:	P5048-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.4
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
BF140722.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.2	U	56.2	170	210	ug/Kg
110-86-1	Pyridine	51.7	U	51.7	84.1	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	62.7	U	62.7	84.1	110	ug/Kg
108-95-2	Phenol	53.7	U	53.7	84.1	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.2	U	54.2	84.1	110	ug/Kg
95-57-8	2-Chlorophenol	54	U	54	84.1	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.8	U	54.8	84.1	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.7	U	55.7	84.1	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56	U	56	84.1	110	ug/Kg
100-51-6	Benzyl Alcohol	53.7	U	53.7	170	210	ug/Kg
95-48-7	2-Methylphenol	52.2	U	52.2	84.1	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58.8	U	58.8	84.1	110	ug/Kg
98-86-2	Acetophenone	56.3	U	56.3	84.1	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.7	U	51.7	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.1	U	26.1	51.8	51.8	ug/Kg
67-72-1	Hexachloroethane	53.7	U	53.7	84.1	110	ug/Kg
98-95-3	Nitrobenzene	58.8	U	58.8	84.1	110	ug/Kg
78-59-1	Isophorone	54.8	U	54.8	84.1	110	ug/Kg
88-75-5	2-Nitrophenol	61.2	U	61.2	84.1	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.3	U	60.3	84.1	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.5	U	55.5	84.1	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.9	U	48.9	84.1	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.3	U	55.3	84.1	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	53.5	U	53.5	84.1	110	ug/Kg
106-47-8	4-Chloroaniline	53.5	U	53.5	84.1	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.9	U	53.9	84.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/27/2024 12:00:00 AM
Project:		Date Received:	11/27/2024 12:00:00 AM
Client Sample ID:	MH-746-WC	SDG No.:	BF120324
Lab Sample ID:	P5048-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.4
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140722.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56.2	U	56.2	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.2	U	50.2	84.1	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.4	U	53.4	84.1	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.2	U	46.2	84.1	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.9	U	47.9	84.1	110	ug/Kg
92-52-4	1,1-Biphenyl	56.6	U	56.6	84.1	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.9	U	53.9	84.1	110	ug/Kg
88-74-4	2-Nitroaniline	61.5	U	61.5	84.1	110	ug/Kg
131-11-3	Dimethylphthalate	52.9	U	52.9	84.1	110	ug/Kg
208-96-8	Acenaphthylene	56	U	56	84.1	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.9	U	53.9	84.1	110	ug/Kg
99-09-2	3-Nitroaniline	57.7	U	57.7	84.1	110	ug/Kg
83-32-9	Acenaphthene	52.5	U	52.5	84.1	110	ug/Kg
Total PAH	Total PAH	857.8	U	857.8	84.1	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	75.1	U	75.1	170	210	ug/Kg
132-64-9	Dibenzofuran	54.6	U	54.6	84.1	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	109.7	U	109.7	84.1	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.8	U	55.8	84.1	110	ug/Kg
84-66-2	Diethylphthalate	51.8	U	51.8	84.1	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.4	U	55.4	84.1	110	ug/Kg
86-73-7	Fluorene	55.3	U	55.3	84.1	110	ug/Kg
100-01-6	4-Nitroaniline	69.3	U	69.3	84.1	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	75.7	U	75.7	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.8	U	52.8	84.1	110	ug/Kg
103-33-3	Azobenzene	51.5	U	51.5	84.1	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.1	U	51.1	84.1	110	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	84.1	110	ug/Kg
1912-24-9	Atrazine	59.2	U	59.2	84.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/27/2024 12:00:00 AM
Project:		Date Received:	11/27/2024 12:00:00 AM
Client Sample ID:	MH-746-WC	SDG No.:	BF120324
Lab Sample ID:	P5048-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.4
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
BF140722.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50	U	50	170	210	ug/Kg
85-01-8	Phenanthrene	54.4	U	54.4	84.1	110	ug/Kg
120-12-7	Anthracene	54.6	U	54.6	84.1	110	ug/Kg
86-74-8	Carbazole	52	U	52	84.1	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.6	U	54.6	84.1	110	ug/Kg
206-44-0	Fluoranthene	72.6	J	52.9	84.1	110	ug/Kg
92-87-5	Benzidine	110	U	110	170	210	ug/Kg
129-00-0	Pyrene	62.7	J	53.7	84.1	110	ug/Kg
85-68-7	Butylbenzylphthalate	62.7	U	62.7	84.1	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63.8	U	63.8	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	52.2	U	52.2	84.1	110	ug/Kg
218-01-9	Chrysene	51.5	U	51.5	84.1	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58.9	U	58.9	84.1	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71.2	U	71.2	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	52.5	U	52.5	84.1	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	53.5	U	53.5	84.1	110	ug/Kg
50-32-8	Benzo(a)pyrene	60.2	U	60.2	84.1	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50.6	U	50.6	84.1	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52.6	U	52.6	84.1	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51.8	U	51.8	84.1	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.2	U	56.2	84.1	110	ug/Kg
123-91-1	1,4-Dioxane	71.2	U	71.2	84.1	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.4	U	48.4	84.1	110	ug/Kg
90-12-0	1-Methylnaphthalene	53.9	U	53.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	103.031		18-112		69	SPK: -150
13127-88-3	Phenol-d6	100.357		15-107		67	SPK: -150
4165-60-0	Nitrobenzene-d5	70.616		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	76.281		20-109		76	SPK: -100

Report of Analysis

Client:		Date Collected:	11/27/2024 12:00:00 AM
Project:		Date Received:	11/27/2024 12:00:00 AM
Client Sample ID:	MH-746-WC	SDG No.:	BF120324
Lab Sample ID:	P5048-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.4
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140722.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	89.812		10-116		60	SPK: -150
1718-51-0	Terphenyl-d14	51.468		10-105		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63853	6.869				
1146-65-2	Naphthalene-d8	232646	8.151				
15067-26-2	Acenaphthene-d10	114296	9.904				
1517-22-2	Phenanthrene-d10	170686	11.398				
1719-03-5	Chrysene-d12	132558	14.051				
1520-96-3	Perylene-d12	120586	15.557				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.146	
004744-10-9	Propane, 1,1-dimethoxy-	48.5	J			2.258	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	100	A			5.093	
000119-61-9	Benzophenone	180	J			10.616	
000057-10-3	n-Hexadecanoic acid	160	J			11.922	
018835-33-1	1-Hexacosene	120	J			13.874	

Report of Analysis

Client:		Date Collected:	11/27/2024 12:00:00 AM
Project:		Date Received:	11/27/2024 12:00:00 AM
Client Sample ID:	SOIL-WEST	SDG No.:	BF120324
Lab Sample ID:	P5025-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
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
BF140723.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	310	380	ug/Kg
110-86-1	Pyridine	92.9	U	92.9	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	96.4	U	96.4	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	97.4	U	97.4	150	200	ug/Kg
95-57-8	2-Chlorophenol	97.1	U	97.1	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	98.4	U	98.4	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	96.5	U	96.5	310	380	ug/Kg
95-48-7	2-Methylphenol	93.8	U	93.8	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	92.8	U	92.8	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46.9	U	46.9	93.1	93.1	ug/Kg
67-72-1	Hexachloroethane	96.5	U	96.5	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	98.4	U	98.4	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	99.8	U	99.8	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	87.8	U	87.8	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	99.3	U	99.3	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	310	380	ug/Kg
91-20-3	Naphthalene	96.1	U	96.1	150	200	ug/Kg
106-47-8	4-Chloroaniline	96.1	U	96.1	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	96.9	U	96.9	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	11/27/2024 12:00:00 AM
Project:		Date Received:	11/27/2024 12:00:00 AM
Client Sample ID:	SOIL-WEST	SDG No.:	BF120324
Lab Sample ID:	P5025-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
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
BF140723.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	90.1	U	90.1	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	96	U	96	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83.1	U	83.1	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	86.1	U	86.1	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	96.9	U	96.9	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	95	U	95	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	96.8	U	96.8	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	94.3	U	94.3	150	200	ug/Kg
Total PAH	Total PAH	3169.8	U	1542.5	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	98.2	U	98.2	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	96.8	U	196.8	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
84-66-2	Diethylphthalate	93.2	U	93.2	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99.6	U	99.6	150	200	ug/Kg
86-73-7	Fluorene	99.5	U	99.5	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	94.9	U	94.9	150	200	ug/Kg
103-33-3	Azobenzene	92.6	U	92.6	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	91.8	U	91.8	150	200	ug/Kg
118-74-1	Hexachlorobenzene	98.9	U	98.9	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	11/27/2024 12:00:00 AM
Project:		Date Received:	11/27/2024 12:00:00 AM
Client Sample ID:	SOIL-WEST	SDG No.:	BF120324
Lab Sample ID:	P5025-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
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
BF140723.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	89.9	U	89.9	310	380	ug/Kg
85-01-8	Phenanthrene	440		97.7	150	200	ug/Kg
120-12-7	Anthracene	120	J	98.2	150	200	ug/Kg
86-74-8	Carbazole	93.4	U	93.4	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	98.1	U	98.1	150	200	ug/Kg
206-44-0	Fluoranthene	690		95	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	420		96.5	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	280		93.9	150	200	ug/Kg
218-01-9	Chrysene	270		92.5	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	320		94.3	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	J	96.1	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	270		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	99.8	J	90.8	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	94.4	U	94.4	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	J	93.2	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	86.9	U	86.9	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	96.8	U	96.8	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.03		18-112		57	SPK: -150
13127-88-3	Phenol-d6	91.622		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	69.012		18-107		69	SPK: -100
321-60-8	2-Fluorobiphenyl	70.585		20-109		71	SPK: -100

Report of Analysis

Client:		Date Collected:	11/27/2024 12:00:00 AM
Project:		Date Received:	11/27/2024 12:00:00 AM
Client Sample ID:	SOIL-WEST	SDG No.:	BF120324
Lab Sample ID:	P5025-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
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
BF140723.D	1	12/2/2024 12:00:00 AM	12/3/2024 12:00:00 AM	PB165312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	61.779		10-116		41	SPK: -150
1718-51-0	Terphenyl-d14	46.25		10-105		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65599	6.869				
1146-65-2	Naphthalene-d8	225151	8.151				
15067-26-2	Acenaphthene-d10	104110	9.904				
1517-22-2	Phenanthrene-d10	160260	11.398				
1719-03-5	Chrysene-d12	135044	14.051				
1520-96-3	Perylene-d12	102710	15.562				

Hit Summary Sheet SW-846

SDG No.: BF120324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW-08								
P5021-02	MW-08	Water	7-Methylindan-1-one	*	17.400	J		
P5021-02	MW-08	Water	Benzene, 1,2-diethyl-	*	37.800	J		
P5021-02	MW-08	Water	Benzene, 1,3-diethyl-	*	41.300	J		
P5021-02	MW-08	Water	Benzene, 1,3-dimethyl-	*	120.000	J		
P5021-02	MW-08	Water	Benzene, 1-ethyl-2-methyl-	*	65.000	J		
P5021-02	MW-08	Water	Benzene, 1-ethyl-3-methyl-	*	120.000	J		
P5021-02	MW-08	Water	Benzene, 1-methyl-4-propyl-	*	12.900	J		
P5021-02	MW-08	Water	Benzene, 2-ethyl-1,4-dimethyl-	*	32.700	J		
P5021-02	MW-08	Water	Benzoic acid, 2,4,5-trimethyl-	*	19.100	J		
P5021-02	MW-08	Water	Benzoic acid, 2,4,6-trimethyl-	*	37.000	J		
P5021-02	MW-08	Water	Butane, 1-(1-methylpropoxy)-	*	11.300	J		
P5021-02	MW-08	Water	Butane, 2-methoxy-2-methyl-	*	110.000	J		
P5021-02	MW-08	Water	Di-sec-Butyl ether	*	12.400	J		
P5021-02	MW-08	Water	Indane	*	230.000	J		
P5021-02	MW-08	Water	Mesitylene	*	270.000	J		
P5021-02	MW-08	Water	n-Hexadecanoic acid	*	12.000	J		
P5021-02	MW-08	Water	unknown9.092	*	13.100	J		
Total Tics :					1,162.00			
P5021-02	MW-08	Water	1-Methylnaphthalene		32.600		0.87	ug/L
P5021-02	MW-08	Water	2,4-Dimethylphenol		10.800		1.5	ug/L
P5021-02	MW-08	Water	2-Methylnaphthalene		46.900		1.1	ug/L
P5021-02	MW-08	Water	Naphthalene		200.000	E	1	ug/L
Total Svoc :					290.30			
Total Concentration:					1,452.30			
Client ID : MW-10								
P5021-03	MW-10	Water	3,3-Dimethylpentanoic acid	*	4.500	J		
P5021-03	MW-10	Water	4-Cyclohexylidene-n-butanol	*	4.200	J		
P5021-03	MW-10	Water	Benzene, 1,2-diethyl-	*	4.200	J		
P5021-03	MW-10	Water	Benzene, 2,4-diethyl-1-methyl-	*	4.300	J		
P5021-03	MW-10	Water	Butane, 2-methoxy-2-methyl-	*	150.000	J		
P5021-03	MW-10	Water	Hexane, 1-(ethoxymethoxy)-	*	5.200	J		
P5021-03	MW-10	Water	n-Hexadecanoic acid	*	6.100	J		
P5021-03	MW-10	Water	Tricyclo[4.2.1.1(2,5)]decan-9-one	*	3.700	J		
P5021-03	MW-10	Water	unknown10.063	*	9.200	J		
P5021-03	MW-10	Water	unknown10.210	*	6.700	J		
P5021-03	MW-10	Water	unknown10.263	*	11.200	J		
P5021-03	MW-10	Water	unknown10.522	*	5.300	J		

Hit Summary Sheet SW-846

SDG No.: BF120324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P5021-03	MW-10	Water	unknown10.651	*	4.300	J		
P5021-03	MW-10	Water	unknown7.104	*	3.900	J		
P5021-03	MW-10	Water	unknown8.375	*	5.800	J		
P5021-03	MW-10	Water	unknown8.728	*	6.000	J		
P5021-03	MW-10	Water	unknown8.816	*	11.900	J		
P5021-03	MW-10	Water	unknown9.034	*	5.000	J		
P5021-03	MW-10	Water	unknown9.392	*	5.900	J		
P5021-03	MW-10	Water	unknown9.663	*	6.600	J		
Total Tics :					264.00			
Total Concentration:					264.00			
Client ID : MW-12								
P5021-06	MW-12	Water	2-Tolyloxirane	*	43.100	J		
P5021-06	MW-12	Water	Benzene, (1-ethyl-1-propenyl)-	*	19.000	J		
P5021-06	MW-12	Water	Benzene, 1,2,3-trimethyl-	*	300.000	J		
P5021-06	MW-12	Water	Benzene, 1-ethyl-2-methyl-	*	62.000	J		
P5021-06	MW-12	Water	Benzene, 1-methyl-4-propyl-	*	22.900	J		
P5021-06	MW-12	Water	Benzene, 1-propynyl-	*	93.700	J		
P5021-06	MW-12	Water	Benzene, 2-ethyl-1,4-dimethyl-	*	60.200	J		
P5021-06	MW-12	Water	Benzoic acid, 2,4,5-trimethyl-	*	20.600	J		
P5021-06	MW-12	Water	Benzoic acid, 2,4,6-trimethyl-	*	24.800	J		
P5021-06	MW-12	Water	Benzoic acid, 2,4-dichloro-	*	38.500	J		
P5021-06	MW-12	Water	Butane, 2-methoxy-2-methyl-	*	170.000	J		
P5021-06	MW-12	Water	Indane	*	280.000	J		
P5021-06	MW-12	Water	Mesitylene	*	340.000	J		
P5021-06	MW-12	Water	p-Tolylacetic acid	*	30.900	J		
P5021-06	MW-12	Water	unknown9.498	*	26.100	J		
Total Tics :					1,531.80			
P5021-06	MW-12	Water	1-Methylnaphthalene		25.300	0.88	5.1	ug/L
P5021-06	MW-12	Water	2,4-Dimethylphenol		36.600	1.5	5.1	ug/L
P5021-06	MW-12	Water	2-Methylnaphthalene		3.200	J 1.2	5.1	ug/L
P5021-06	MW-12	Water	Naphthalene		150.000	E 1	5.1	ug/L
Total Svoc :					215.10			
Total Concentration:					1,746.90			
Client ID : SOIL-WEST								
P5025-01	SOIL-WEST	Solid	Anthracene		120.000	J 98.2	200	ug/Kg
P5025-01	SOIL-WEST	Solid	Benzo(a)anthracene		280.000	93.9	200	ug/Kg
P5025-01	SOIL-WEST	Solid	Benzo(a)pyrene		270.000	110	200	ug/Kg
P5025-01	SOIL-WEST	Solid	Benzo(b)fluoranthene		320.000	94.3	200	ug/Kg
P5025-01	SOIL-WEST	Solid	Benzo(g,h,i)perylene		120.000	J 93.2	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF120324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5025-01	SOIL-WEST	Solid	Benzo(k)fluoranthene	140.000	J	96.1	200	ug/Kg
P5025-01	SOIL-WEST	Solid	Chrysene	270.000		92.5	200	ug/Kg
P5025-01	SOIL-WEST	Solid	Fluoranthene	690.000		95	200	ug/Kg
P5025-01	SOIL-WEST	Solid	Indeno(1,2,3-cd)pyrene	99.800	J	90.8	200	ug/Kg
P5025-01	SOIL-WEST	Solid	Phenanthrene	440.000		97.7	200	ug/Kg
P5025-01	SOIL-WEST	Solid	Pyrene	420.000		96.5	200	ug/Kg
Total Svoc :				3,169.80				
Total Concentration:				3,169.80				

Client ID : SOIL-EAST

P5025-05	SOIL-EAST	Solid	Benzo(a)anthracene	110.000	J	110	220	ug/Kg
P5025-05	SOIL-EAST	Solid	Benzo(b)fluoranthene	120.000	J	110	220	ug/Kg
P5025-05	SOIL-EAST	Solid	Chrysene	100.000	J	100	220	ug/Kg
P5025-05	SOIL-EAST	Solid	Fluoranthene	180.000	J	110	220	ug/Kg
P5025-05	SOIL-EAST	Solid	Pyrene	140.000	J	110	220	ug/Kg
Total Svoc :				650.00				
Total Concentration:				650.00				

Client ID : SU-04-11222024DL

P5045-01DL	SU-04-11222024DL	Solid	Anthracene	300.000	D	110	220	ug/Kg
P5045-01DL	SU-04-11222024DL	Solid	Benzo(a)anthracene	1,100.000	D	110	220	ug/Kg
P5045-01DL	SU-04-11222024DL	Solid	Benzo(a)pyrene	980.000	D	120	220	ug/Kg
P5045-01DL	SU-04-11222024DL	Solid	Benzo(b)fluoranthene	1,100.000	D	110	220	ug/Kg
P5045-01DL	SU-04-11222024DL	Solid	Benzo(g,h,i)perylene	470.000	D	100	220	ug/Kg
P5045-01DL	SU-04-11222024DL	Solid	Benzo(k)fluoranthene	460.000	D	110	220	ug/Kg
P5045-01DL	SU-04-11222024DL	Solid	Chrysene	870.000	D	100	220	ug/Kg
P5045-01DL	SU-04-11222024DL	Solid	Dibenzo(a,h)anthracene	130.000	JD	110	220	ug/Kg
P5045-01DL	SU-04-11222024DL	Solid	Fluoranthene	1,700.000	D	110	220	ug/Kg
P5045-01DL	SU-04-11222024DL	Solid	Indeno(1,2,3-cd)pyrene	430.000	D	100	220	ug/Kg
P5045-01DL	SU-04-11222024DL	Solid	Phenanthrene	830.000	D	110	220	ug/Kg
P5045-01DL	SU-04-11222024DL	Solid	Pyrene	1,400.000	D	110	220	ug/Kg
Total Svoc :				9,770.00				
Total Concentration:				9,770.00				

Client ID : MH-746-WC

P5048-01	MH-746-WC	Solid	1-Hexacosene	*	120.000	J		
P5048-01	MH-746-WC	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	100.000	A		
P5048-01	MH-746-WC	Solid	Benzophenone	*	180.000	J		
P5048-01	MH-746-WC	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		
P5048-01	MH-746-WC	Solid	n-Hexadecanoic acid	*	160.000	J		
P5048-01	MH-746-WC	Solid	Propane, 1,1-dimethoxy-	*	48.500	J		
Total Tics :				1,908.50				

Hit Summary Sheet SW-846

SDG No.: BF120324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5048-01	MH-746-WC	Solid	Fluoranthene	72.600	J	52.9	110	ug/Kg
P5048-01	MH-746-WC	Solid	Pyrene	62.700	J	53.7	110	ug/Kg
Total Svoc :				135.30				
Total Concentration:				2,043.80				
Client ID : OR-640-COMP-50								
P5052-01	OR-640-COMP-50	Solid	2-Pentanone, 4-hydroxy-4-methyl *	110.000	A			
P5052-01	OR-640-COMP-50	Solid	4H-Cyclopenta[def]phenanthrene *	51.300	J			
P5052-01	OR-640-COMP-50	Solid	Benzo[e]pyrene *	200.000	J			
P5052-01	OR-640-COMP-50	Solid	Benzophenone *	150.000	J			
P5052-01	OR-640-COMP-50	Solid	Butane, 2-methoxy-2-methyl- *	930.000	J			
P5052-01	OR-640-COMP-50	Solid	n-Hexadecanoic acid *	100.000	J			
P5052-01	OR-640-COMP-50	Solid	Pentadecafluorooctanoic acid, oct: *	63.100	J			
Total Tics :				1,604.40				
P5052-01	OR-640-COMP-50	Solid	Benzo(a)anthracene	270.000		51.3	110	ug/Kg
P5052-01	OR-640-COMP-50	Solid	Benzo(a)pyrene	270.000		59.1	110	ug/Kg
P5052-01	OR-640-COMP-50	Solid	Benzo(b)fluoranthene	320.000		51.5	110	ug/Kg
P5052-01	OR-640-COMP-50	Solid	Benzo(g,h,i)perylene	160.000		50.9	110	ug/Kg
P5052-01	OR-640-COMP-50	Solid	Benzo(k)fluoranthene	160.000		52.5	110	ug/Kg
P5052-01	OR-640-COMP-50	Solid	Chrysene	290.000		50.5	110	ug/Kg
P5052-01	OR-640-COMP-50	Solid	Fluoranthene	630.000		51.9	110	ug/Kg
P5052-01	OR-640-COMP-50	Solid	Indeno(1,2,3-cd)pyrene	140.000		49.6	110	ug/Kg
P5052-01	OR-640-COMP-50	Solid	Phenanthrene	360.000		53.4	110	ug/Kg
P5052-01	OR-640-COMP-50	Solid	Pyrene	510.000		52.7	110	ug/Kg
Total Svoc :				3,110.00				
Total Concentration:				4,714.40				
Client ID : OR-640-COMP-51								
P5052-07	OR-640-COMP-51	Solid	1-Heptacosanol *	92.400	J			
P5052-07	OR-640-COMP-51	Solid	2-Pentanone, 4-hydroxy-4-methyl *	120.000	A			
P5052-07	OR-640-COMP-51	Solid	Benzophenone *	150.000	J			
P5052-07	OR-640-COMP-51	Solid	Butane, 2-methoxy-2-methyl- *	1,000.000	J			
P5052-07	OR-640-COMP-51	Solid	n-Hexadecanoic acid *	73.300	J			
Total Tics :				1,435.70				
Total Concentration:				1,435.70				
Client ID : OR-640-COMP-62								
P5052-13	OR-640-COMP-62	Solid	13-Docosenamide, (Z)- *	79.100	J			
P5052-13	OR-640-COMP-62	Solid	17.alpha.(H),21.beta.(H)-Hopane *	200.000	J			
P5052-13	OR-640-COMP-62	Solid	2-Pentanone, 4-hydroxy-4-methyl *	180.000	A			
P5052-13	OR-640-COMP-62	Solid	Benzophenone *	180.000	J			
P5052-13	OR-640-COMP-62	Solid	Butane, 2-methoxy-2-methyl- *	1,200.000	J			

Hit Summary Sheet SW-846

SDG No.: BF120324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5052-13	OR-640-COMP-62	Solid	Cyclopentadecane	*	160.000	J		
P5052-13	OR-640-COMP-62	Solid	n-Hexadecanoic acid	*	120.000	J		
P5052-13	OR-640-COMP-62	Solid	Propane, 1,1-dimethoxy-	*	52.600	J		
Total Tics :					2,171.70			
Total Concentration:					2,171.70			
Client ID : OR-640-COMP-63								
P5052-19	OR-640-COMP-63	Solid	1-Heneicosanol	*	130.000	J		
P5052-19	OR-640-COMP-63	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	A		
P5052-19	OR-640-COMP-63	Solid	Benzophenone	*	230.000	J		
P5052-19	OR-640-COMP-63	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P5052-19	OR-640-COMP-63	Solid	n-Hexadecanoic acid	*	150.000	J		
P5052-19	OR-640-COMP-63	Solid	Palmitoleamide	*	58.600	J		
P5052-19	OR-640-COMP-63	Solid	Propane, 1,1-dimethoxy-	*	52.500	J		
P5052-19	OR-640-COMP-63	Solid	unknown17.633	*	130.000	J		
Total Tics :					1,991.10			
Total Concentration:					1,991.10			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF112124 SAS No.: BF112124 SDG No.: BF112124
Instrument ID: _____ Calibration Date(s): 11/21/2024
Calibration Time(s): 11:13

LAB FILE ID:		RRF2.5 = BF140528.D			RRF005 = BF140529.D		RRF010 = BF140530.D	
		RRF020 = BF140531.D			RRF040 = BF140532.D		RRF050 = BF140533.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.616	0.611	0.661	0.648	0.632	0.637	3.1
Pyridine		0.981	1.019	1.121	1.192	1.062	1.084	6.5
2-Fluorophenol		1.261	1.233	1.202	1.174	1.117	1.172	5.4
Benzaldehyde			1.007	0.970	0.738	0.752	0.820	19.6
Aniline		1.159	1.195	1.133	1.251	1.042	1.091	12.7
Phenol-d6		1.729	1.617	1.559	1.602	1.465	1.550	7.1
Phenol		1.723	1.648	1.620	1.667	1.514	1.583	7.0
bis(2-Chloroethyl)ether		1.292	1.242	1.214	1.246	1.146	1.211	4.6
2-Chlorophenol		1.385	1.328	1.278	1.283	1.201	1.261	6.5
1,2-Dichlorobenzene		1.503	1.434	1.375	1.355	1.268	1.344	7.7
1,3-Dichlorobenzene		1.600	1.493	1.433	1.399	1.345	1.417	7.3
1,4-Dichlorobenzene		1.613	1.501	1.456	1.428	1.358	1.435	7.0
Benzyl Alcohol		1.234	1.174	1.161	1.224	1.113	1.149	6.0
2-Methylphenol		1.121	1.034	1.033	1.042	0.956	1.010	6.7
2,2-oxybis(1-Chloropropane)		1.650	1.480	1.434	1.463	1.335	1.431	8.4
Acetophenone		0.536	0.511	0.494	0.481	0.463	0.488	5.7
3+4-Methylphenols		1.495	1.362	1.305	1.347	1.211	1.298	9.0
n-Nitroso-di-n-propylamine	0.972	1.002	0.949	0.916	0.946	0.856	0.916	6.8
Nitrobenzene-d5		0.409	0.403	0.395	0.392	0.377	0.391	3.2
Hexachloroethane		0.598	0.545	0.549	0.537	0.514	0.536	6.2
Nitrobenzene		0.439	0.409	0.409	0.401	0.388	0.404	4.3
Isophorone		0.694	0.654	0.657	0.662	0.629	0.652	3.4
2-Nitrophenol		0.178	0.172	0.185	0.180	0.178	0.179	2.2
2,4-Dimethylphenol		0.221	0.214	0.213	0.224	0.204	0.214	3.4
bis(2-Chloroethoxy)methane		0.428	0.408	0.403	0.397	0.378	0.397	4.4
2,4-Dichlorophenol		0.301	0.291	0.290	0.282	0.277	0.284	3.8
1,2,4-Trichlorobenzene		0.342	0.338	0.332	0.317	0.317	0.324	3.9
Benzoic acid			0.101	0.126	0.177	0.185	0.164	24.7
Naphthalene		1.116	1.075	1.062	1.013	0.993	1.030	5.3
4-Chloroaniline		0.308	0.318	0.309	0.325	0.303	0.308	3.7
Hexachlorobutadiene		0.227	0.225	0.219	0.212	0.209	0.215	4.2
Caprolactam		0.091	0.091	0.091	0.090	0.085	0.088	4.0
4-Chloro-3-methylphenol		0.348	0.318	0.317	0.327	0.307	0.318	5.0
2-Methylnaphthalene		0.724	0.680	0.669	0.650	0.623	0.654	6.1
Hexachlorocyclopentadiene			0.055	0.090	0.114	0.121	0.107	27.8
2,4,6-Trichlorophenol		0.384	0.358	0.375	0.366	0.364	0.367	2.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF112124 SAS No.: BF112124 SDG No.: BF112124

Instrument ID: _____ Calibration Date(s): 11/21/2024

Calibration Time(s): 11:13

LAB FILE ID:		RRF2.5 = BF140528.D		RRF005 = BF140529.D		RRF010 = BF140530.D		
		RRF020 = BF140531.D		RRF040 = BF140532.D		RRF050 = BF140533.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.550	1.402	1.423	1.291	1.255	1.342	8.9
2,4,5-Trichlorophenol		0.402	0.396	0.410	0.404	0.390	0.399	1.8
1,1-Biphenyl		1.666	1.530	1.563	1.447	1.427	1.493	6.5
2-Chloronaphthalene		1.251	1.145	1.162	1.106	1.082	1.131	5.4
2-Nitroaniline		0.367	0.351	0.379	0.367	0.363	0.363	2.5
Dimethylphthalate		1.455	1.329	1.346	1.299	1.267	1.317	5.3
Acenaphthylene		1.890	1.765	1.808	1.662	1.628	1.710	6.6
2,6-Dinitrotoluene		0.314	0.299	0.307	0.301	0.291	0.299	3.2
3-Nitroaniline		0.307	0.297	0.309	0.300	0.289	0.292	5.7
Acenaphthene		1.182	1.110	1.134	1.063	1.052	1.086	5.3
2,4-Dinitrophenol			0.057	0.089	0.140	0.145	0.122	32.7
4-Nitrophenol			0.160	0.195	0.207	0.212	0.199	10.3
Dibenzofuran		1.898	1.739	1.739	1.622	1.559	1.657	8.5
2,4-Dinitrotoluene		0.403	0.403	0.416	0.404	0.386	0.397	3.2
Diethylphthalate		1.495	1.375	1.393	1.311	1.292	1.338	6.7
4-Chlorophenyl-phenylether		0.739	0.682	0.685	0.639	0.619	0.653	7.9
Fluorene		1.509	1.409	1.399	1.295	1.263	1.330	8.4
4-Nitroaniline		0.307	0.301	0.315	0.312	0.310	0.306	2.7
4,6-Dinitro-2-methylphenol			0.073	0.090	0.110	0.110	0.102	16.7
n-Nitrosodiphenylamine		0.632	0.618	0.597	0.578	0.577	0.591	4.4
Azobenzene		1.406	1.320	1.320	1.235	1.205	1.267	6.5
2,4,6-Tribromophenol		0.222	0.209	0.220	0.216	0.210	0.214	2.5
4-Bromophenyl-phenylether		0.218	0.215	0.206	0.200	0.200	0.206	3.8
Hexachlorobenzene		0.257	0.240	0.239	0.233	0.232	0.238	3.7
Atrazine		0.181	0.171	0.131	0.140	0.147	0.166	16.4
Pentachlorophenol			0.071	0.090	0.116	0.115	0.105	19.2
Phenanthrene		1.074	1.020	0.970	0.944	0.925	0.961	6.9
Anthracene		1.038	0.994	0.958	0.925	0.905	0.940	6.5
Carbazole		1.004	0.949	0.930	0.889	0.876	0.905	6.7
Di-n-butylphthalate		1.144	1.075	1.074	1.023	1.021	1.044	5.6
Fluoranthene		1.186	1.111	1.114	1.014	0.999	1.044	9.1
Benzidine		0.268	0.422	0.296	0.575	0.734	0.581	47.3
Pyrene		1.905	1.801	1.897	1.853	1.791	1.849	2.8
Terphenyl-d14		1.351	1.254	1.308	1.283	1.228	1.284	3.3
Butylbenzylphthalate		0.676	0.644	0.694	0.679	0.655	0.666	3.0
3,3-Dichlorobenzidine		0.375	0.383	0.393	0.413	0.406	0.397	4.0

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF112124 SAS No.: BF112124 SDG No.: BF112124
Instrument ID: _____ Calibration Date(s): 11/21/2024 _____
Calibration Time(s): 11:13 _____

LAB FILE ID:		RRF2.5 = BF140528.D			RRF005 = BF140529.D		RRF010 = BF140530.D	
		RRF020 = BF140531.D			RRF040 = BF140532.D		RRF050 = BF140533.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.409	1.319	1.379	1.286	1.295	1.324	4.3
Chrysene		1.354	1.263	1.218	1.201	1.137	1.211	6.5
Bis(2-ethylhexyl)phthalate		0.904	0.828	0.862	0.833	0.824	0.841	4.0
Di-n-octyl phthalate		1.198	1.133	1.147	1.132	1.147	1.150	2.3
Benzo(b)fluoranthene		1.347	1.256	1.380	1.186	1.248	1.256	6.4
Benzo(k)fluoranthene		1.243	1.236	1.059	1.101	1.022	1.099	9.3
Benzo(a)pyrene		1.062	1.050	1.063	1.007	0.998	1.021	3.8
Indeno(1,2,3-cd)pyrene		1.209	1.283	1.299	1.304	1.306	1.303	4.5
Dibenzo(a,h)anthracene		1.015	1.038	1.063	1.068	1.075	1.067	3.9
Benzo(g,h,i)perylene		1.033	1.090	1.078	1.085	1.094	1.089	3.5
1,2,4,5-Tetrachlorobenzene		0.635	0.604	0.606	0.563	0.561	0.586	5.0
1,4-Dioxane		0.501	0.502	0.576	0.489	0.452	0.493	8.5
2,3,4,6-Tetrachlorophenol		0.307	0.296	0.308	0.312	0.305	0.306	1.7
1-Methylnaphthalene		0.707	0.665	0.659	0.638	0.611	0.641	6.0

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.: BF120324 SAS No.: BF120324 SDG NO.: BF120324

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

Lab File ID: BF140532.D Time Analyzed: 11:56

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	107516	6.875	413408	8.16	234407	9.92
	UPPER LIMIT	215032	7.375	826816	8.657	468814	10.416
	LOWER LIMIT	53758	6.375	206704	7.657	117203.5	9.416
	EPA SAMPLE NO.						
01	PB165312BL	79681	6.87	306120	8.15	175092	9.90
02	PB165312BS	89477	6.87	355921	8.15	205335	9.91
03	PB165316BL	88418	6.87	337442	8.15	199610	9.90
04	PB165316BS	73730	6.87	273673	8.15	156191	9.91
05	PB165297TB	78705	6.87	306061	8.15	179832	9.90
06	PB165339BS	81217	6.87	305123	8.15	179756	9.91
07	PB165339BL	67401	6.87	265757	8.15	150334	9.90
08	MW-08	83408	6.87	298688	8.15	174661	9.90
09	MW-10	70972	6.87	269570	8.15	149746	9.90
10	MW-12	67828	6.87	251382	8.15	155575	9.90
11	OR-640-COMP-63	77226	6.87	302553	8.15	187592	9.90
12	OR-640-COMP-63MS	73179	6.87	271468	8.15	151961	9.91
13	OR-640-COMP-63MSD	77448	6.87	291501	8.15	161248	9.91
14	SU-04-11222024DL	78891	6.87	293060	8.15	153756	9.90
15	OR-640-COMP-50	77056	6.87	285889	8.15	153667	9.90
16	SOIL-1-HAM	68863	6.87	257244	8.15	137460	9.90
17	OR-640-COMP-51	73397	6.87	271153	8.15	141008	9.90
18	SOIL-EAST	68175	6.87	243804	8.15	122377	9.90
19	OR-640-COMP-62	66943	6.87	237484	8.15	119545	9.90
20	MH-746-WC	63853	6.87	232646	8.15	114296 *	9.90
21	SOIL-WEST	65599	6.87	225151	8.15	104110 *	9.90

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF120324 SAS No.: BF120324 SDG NO.: BF120324

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

Lab File ID: BF140532.D Time Analyzed: 20:36

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	107516	6.875	413408	8.16	234407	9.92
UPPER LIMIT	215032	7.375	826816	8.657	468814	10.416
LOWER LIMIT	53758	6.375	206704	7.657	117203.5	9.416
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.: BF120324 SAS No.: BF120324 SDG NO.: BF120324

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

Lab File ID: BF140702.D Time Analyzed: 11:56

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	78577	6.869	287976	8.15	161859	9.91
	UPPER LIMIT	157154	7.369	575952	8.651	323718	10.41
	LOWER LIMIT	39288.5	6.369	143988	7.651	80929.5	9.41
	EPA SAMPLE NO.						
01	PB165312BL	79681	6.87	306120	8.15	175092	9.90
02	PB165312BS	89477	6.87	355921	8.15	205335	9.91
03	PB165316BL	88418	6.87	337442	8.15	199610	9.90
04	PB165316BS	73730	6.87	273673	8.15	156191	9.91
05	PB165297TB	78705	6.87	306061	8.15	179832	9.90
06	PB165339BS	81217	6.87	305123	8.15	179756	9.91
07	PB165339BL	67401	6.87	265757	8.15	150334	9.90
08	MW-08	83408	6.87	298688	8.15	174661	9.90
09	MW-10	70972	6.87	269570	8.15	149746	9.90
10	MW-12	67828	6.87	251382	8.15	155575	9.90
11	OR-640-COMP-63	77226	6.87	302553	8.15	187592	9.90
12	OR-640-COMP-63MS	73179	6.87	271468	8.15	151961	9.91
13	OR-640-COMP-63MSD	77448	6.87	291501	8.15	161248	9.91
14	SU-04-11222024DL	78891	6.87	293060	8.15	153756	9.90
15	OR-640-COMP-50	77056	6.87	285889	8.15	153667	9.90
16	SOIL-1-HAM	68863	6.87	257244	8.15	137460	9.90
17	OR-640-COMP-51	73397	6.87	271153	8.15	141008	9.90
18	SOIL-EAST	68175	6.87	243804	8.15	122377	9.90
19	OR-640-COMP-62	66943	6.87	237484	8.15	119545	9.90
20	MH-746-WC	63853	6.87	232646	8.15	114296	9.90
21	SOIL-WEST	65599	6.87	225151	8.15	104110	9.90

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF120324 SAS No.: BF120324 SDG NO.: BF120324

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

Lab File ID: BF140702.D Time Analyzed: 20:36

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	78577	6.869	287976	8.15	161859	9.91
UPPER LIMIT	157154	7.369	575952	8.651	323718	10.41
LOWER LIMIT	39288.5	6.369	143988	7.651	80929.5	9.41
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.: BF120324 SAS No.: BF120324 SDG NO.: BF120324

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

Lab File ID: BF140532.D Time Analyzed: 11:56

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	437466	11.404	239343	14.051	211422	15.539
	UPPER LIMIT	874932	11.904	478686	14.551	422844	16.039
	LOWER LIMIT	218733	10.904	119671.5	13.551	105711	15.039
	EPA SAMPLE NO.						
01	PB165312BL	343900	11.40	225506	14.06	178705	15.59
02	PB165312BS	400071	11.40	241048	14.06	201165	15.56
03	PB165316BL	397978	11.40	257340	14.05	206946	15.56
04	PB165316BS	297262	11.40	174549	14.05	145986	15.55
05	PB165297TB	389784	11.40	258139	14.06	209452	15.57
06	PB165339BS	350198	11.40	269342	14.06	213445	15.56
07	PB165339BL	305477	11.40	193693	14.05	151672	15.56
08	MW-08	305249	11.40	169161	14.05	157526	15.56
09	MW-10	271510	11.40	165452	14.05	151648	15.57
10	MW-12	260123	11.40	154428	14.05	130761	15.56
11	OR-640-COMP-63	367282	11.40	191356	14.06	190537	15.59
12	OR-640-COMP-63MS	284634	11.40	148106	14.06	148978	15.56
13	OR-640-COMP-63MSD	295257	11.40	146649	14.06	156187	15.59
14	SU-04-11222024DL	248875	11.40	146599	14.06	175946	15.58
15	OR-640-COMP-50	261474	11.40	145739	14.06	172979	15.57
16	SOIL-1-HAM	234583	11.39	131312	14.05	155748	15.56
17	OR-640-COMP-51	229804	11.40	137028	14.05	155510	15.56
18	SOIL-EAST	192762 *	11.39	126938	14.05	140674	15.56
19	OR-640-COMP-62	183526 *	11.40	133635	14.05	123653	15.56
20	MH-746-WC	170686 *	11.40	132558	14.05	120586	15.56
21	SOIL-WEST	160260 *	11.40	135044	14.05	102710 *	15.56

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF120324 SAS No.: BF120324 SDG NO.: BF120324

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

Lab File ID: BF140532.D Time Analyzed: 20:36

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	437466	11.404	239343	14.051	211422	15.539
UPPER LIMIT	874932	11.904	478686	14.551	422844	16.039
LOWER LIMIT	218733	10.904	119671.5	13.551	105711	15.039
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF120324 SAS No.: BF120324 SDG NO.: BF120324

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

Lab File ID: BF140702.D Time Analyzed: 11:56

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	309121	11.398	178961	14.057	151018	15.568
	UPPER LIMIT	618242	11.898	357922	14.557	302036	16.068
	LOWER LIMIT	154560.5	10.898	89480.5	13.557	75509	15.068
	EPA SAMPLE NO.						
01	PB165312BL	343900	11.40	225506	14.06	178705	15.59
02	PB165312BS	400071	11.40	241048	14.06	201165	15.56
03	PB165316BL	397978	11.40	257340	14.05	206946	15.56
04	PB165316BS	297262	11.40	174549	14.05	145986	15.55
05	PB165297TB	389784	11.40	258139	14.06	209452	15.57
06	PB165339BS	350198	11.40	269342	14.06	213445	15.56
07	PB165339BL	305477	11.40	193693	14.05	151672	15.56
08	MW-08	305249	11.40	169161	14.05	157526	15.56
09	MW-10	271510	11.40	165452	14.05	151648	15.57
10	MW-12	260123	11.40	154428	14.05	130761	15.56
11	OR-640-COMP-63	367282	11.40	191356	14.06	190537	15.59
12	OR-640-COMP-63MS	284634	11.40	148106	14.06	148978	15.56
13	OR-640-COMP-63MSD	295257	11.40	146649	14.06	156187	15.59
14	SU-04-11222024DL	248875	11.40	146599	14.06	175946	15.58
15	OR-640-COMP-50	261474	11.40	145739	14.06	172979	15.57
16	SOIL-1-HAM	234583	11.39	131312	14.05	155748	15.56
17	OR-640-COMP-51	229804	11.40	137028	14.05	155510	15.56
18	SOIL-EAST	192762	11.39	126938	14.05	140674	15.56
19	OR-640-COMP-62	183526	11.40	133635	14.05	123653	15.56
20	MH-746-WC	170686	11.40	132558	14.05	120586	15.56
21	SOIL-WEST	160260	11.40	135044	14.05	102710	15.56

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF120324 SAS No.: BF120324 SDG NO.: BF120324

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

Lab File ID: BF140702.D Time Analyzed: 20:36

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	309121	11.398	178961	14.057	151018	15.568
UPPER LIMIT	618242	11.898	357922	14.557	302036	16.068
LOWER LIMIT	154560.5	10.898	89480.5	13.557	75509	15.068
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF120324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165312BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1500	ug/Kg	88				28	98	
	Benzaldehyde	1700	410	ug/Kg	24				10	133	
	Aniline	1700	1700	ug/Kg	100				38	100	
	Phenol	1700	1600	ug/Kg	94				62	112	
	bis(2-Chloroethyl)ether	1700	1700	ug/Kg	100				60	101	
	2-Chlorophenol	1700	1700	ug/Kg	100				65	112	
	1,2-Dichlorobenzene	1700	1600	ug/Kg	94				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	1700	ug/Kg	100				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1600	ug/Kg	94				58	111	
	N-Nitroso-di-n-propylamine	1700	1600	ug/Kg	94				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	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	2000	ug/Kg	118				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	1100	ug/Kg	65				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	970	ug/Kg	57				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1700	ug/Kg	100				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1700	ug/Kg	100				60	104	
	Hexachlorocyclopentadiene	3300	5300	ug/Kg	161				45	165	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1600	ug/Kg	94				57	103	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1700	ug/Kg	100		*		61	99	
	Acenaphthylene	1700	1700	ug/Kg	100				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1000	ug/Kg	59				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	Total PAH	27200	26700	ug/Kg	98				57	104	
	2,4-Dinitrophenol	3300	2400	ug/Kg	73				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF120324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB165312BS	4-Nitrophenol	3300	3000	ug/Kg	91				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-Dinitrotolc	3400	3200	ug/Kg	94				60	106	
	Diethylphthalate	1700	1700	ug/Kg	100				60	101	
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				58	98	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103	
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99	
	Azobenzene	1700	1700	ug/Kg	100				54	103	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				66	102	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1900	ug/Kg	112				47	152	
	Pentachlorophenol	3300	2700	ug/Kg	82				67	105	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1700	ug/Kg	100				61	105	
	Carbazole	1700	1600	ug/Kg	94				61	99	
	Di-n-butylphthalate	1700	1800	ug/Kg	106		*		58	104	
	Fluoranthene	1700	1600	ug/Kg	94				57	107	
	Benzidine	3300	1400	ug/Kg	42				10	98	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103	
	3,3-Dichlorobenzidine	1700	1000	ug/Kg	59				42	91	
	Benzo(a)anthracene	1700	1700	ug/Kg	100				60	102	
	Chrysene	1700	1700	ug/Kg	100				59	101	
	bis(2-Ethylhexyl)phthalate	1700	2000	ug/Kg	118				54	135	
	Di-n-octyl phthalate	1700	2200	ug/Kg	129				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	1800	ug/Kg	106		*		63	103	
	Indeno(1,2,3-cd)pyrene	1700	1800	ug/Kg	106		*		63	101	
	Dibenz(a,h)anthracene	1700	1800	ug/Kg	106				61	112	
	Benzo(g,h,i)perylene	1700	1700	ug/Kg	100				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				53	101	
	1,4-Dioxane	1700	1300	ug/Kg	76				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1700	ug/Kg	100				59	108	
	1-Methylnaphthalene	1700	1600	ug/Kg	94				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF120324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD	
								Qual	Low	High		
PB165316BS	n-Nitrosodimethylamine	50	43.8	ug/L	88					55	108	
	Pyridine	50	45.6	ug/L	91					29	97	
	Benzaldehyde	50	28.2	ug/L	56					10	162	
	Aniline	50	48.3	ug/L	97					10	130	
	Phenol	50	48.4	ug/L	97					66	118	
	bis(2-Chloroethyl)ether	50	47.9	ug/L	96					62	103	
	2-Chlorophenol	50	49.8	ug/L	100					70	117	
	1,2-Dichlorobenzene	50	47	ug/L	94					72	102	
	1,3-Dichlorobenzene	50	46.1	ug/L	92					71	103	
	1,4-Dichlorobenzene	50	45.8	ug/L	92					76	103	
	Benzyl Alcohol	50	49.7	ug/L	99		*			36	93	
	2-Methylphenol	50	47.5	ug/L	95					69	109	
	2,2-oxybis(1-Chloropropane)	50	49.6	ug/L	99					65	100	
	Acetophenone	50	47.5	ug/L	95					60	104	
	3+4-Methylphenols	50	49.2	ug/L	98					67	106	
	N-Nitroso-di-n-propylamine	50	48.2	ug/L	96					57	107	
	Hexachloroethane	50	46.9	ug/L	94					76	118	
	Nitrobenzene	50	45.1	ug/L	90					58	106	
	Isophorone	50	49.3	ug/L	99					61	102	
	2-Nitrophenol	50	49	ug/L	98					70	115	
	2,4-Dimethylphenol	50	62.3	ug/L	125					42	142	
	bis(2-Chloroethoxy)methane	50	49.3	ug/L	99					58	109	
	2,4-Dichlorophenol	50	49.5	ug/L	99					66	115	
	1,2,4-Trichlorobenzene	50	46	ug/L	92					41	115	
	Benzoic acid	50	34.3	ug/L	69					10	125	
	Naphthalene	50	47.2	ug/L	94					64	107	
	4-Chloroaniline	50	23.4	ug/L	47					10	85	
	Hexachlorobutadiene	50	47.1	ug/L	94					69	101	
	Caprolactam	50	47.9	ug/L	96					58	128	
	4-Chloro-3-methylphenol	50	49.3	ug/L	99					65	114	
	2-Methylnaphthalene	50	49.6	ug/L	99					64	107	
	Hexachlorocyclopentadiene	100	170	ug/L	170		*			36	160	
	2,4,6-Trichlorophenol	50	47.3	ug/L	95					61	110	
	2,4,5-Trichlorophenol	50	47	ug/L	94					70	106	
	1,1-Biphenyl	50	47.9	ug/L	96					72	98	
	2-Chloronaphthalene	50	47.3	ug/L	95					59	106	
	2-Nitroaniline	50	47	ug/L	94					73	114	
	Dimethylphthalate	50	50.7	ug/L	101					64	103	
	Acenaphthylene	50	51.3	ug/L	103					79	103	
	2,6-Dinitrotoluene	50	46.9	ug/L	94					64	110	
	3-Nitroaniline	50	28.8	ug/L	58					28	100	
	Acenaphthene	50	49.3	ug/L	99					59	113	
	Total PAH	800	818.2	ug/L	102					59	113	
	2,4-Dinitrophenol	100	73.8	ug/L	74					36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF120324**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB165316BS	4-Nitrophenol	100	88.8	ug/L	89				45	147	
	Dibenzofuran	50	48.6	ug/L	97				65	106	
	2,4-Dinitrotoluene	50	48.2	ug/L	96				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	95.1	ug/L	95				60	115	
	Diethylphthalate	50	50.6	ug/L	101				63	105	
	4-Chlorophenyl-phenylether	50	50.7	ug/L	101				61	104	
	Fluorene	50	49	ug/L	98				64	107	
	4-Nitroaniline	50	46.3	ug/L	93				55	125	
	4,6-Dinitro-2-methylphenol	50	48.6	ug/L	97				62	132	
	N-Nitrosodiphenylamine	50	50.3	ug/L	101				61	109	
	Azobenzene	50	50	ug/L	100				59	106	
	4-Bromophenyl-phenylether	50	50.2	ug/L	100				73	103	
	Hexachlorobenzene	50	48.8	ug/L	98				73	106	
	Atrazine	50	60.1	ug/L	120				76	120	
	Pentachlorophenol	100	79.5	ug/L	80				47	114	
	Phenanthrene	50	50.5	ug/L	101				62	109	
	Anthracene	50	52.9	ug/L	106				65	110	
	Carbazole	50	49.6	ug/L	99				62	106	
	Di-n-butylphthalate	50	54.4	ug/L	109		*		64	106	
	Fluoranthene	50	50.5	ug/L	101				64	110	
	Benzidine	100	37.9	ug/L	38				10	94	
	Pyrene	50	49.6	ug/L	99				71	103	
	Butylbenzylphthalate	50	56.4	ug/L	113		*		61	105	
	3,3-Dichlorobenzidine	50	29.4	ug/L	59				43	108	
	Benzo(a)anthracene	50	50.2	ug/L	100				62	107	
	Chrysene	50	50.6	ug/L	101				61	108	
	bis(2-Ethylhexyl)phthalate	50	62	ug/L	124		*		59	110	
	Di-n-octyl phthalate	50	63.2	ug/L	126				52	139	
	Benzo(b)fluoranthene	50	51.1	ug/L	102				77	113	
	Benzo(k)fluoranthene	50	47.7	ug/L	95				77	105	
	Benzo(a)pyrene	50	54	ug/L	108				72	131	
	Indeno(1,2,3-cd)pyrene	50	56.5	ug/L	113		*		72	105	
	Dibenz(a,h)anthracene	50	56.7	ug/L	113				78	115	
	Benzo(g,h,i)perylene	50	51.1	ug/L	102				75	118	
	1,2,4,5-Tetrachlorobenzene	50	47.5	ug/L	95				72	101	
	1,4-Dioxane	50	41.9	ug/L	84				38	125	
	2,3,4,6-Tetrachlorophenol	50	52.7	ug/L	105				63	116	
	1-Methylnaphthalene	50	47.3	ug/L	95				51	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF120324**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165339BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1500	ug/Kg	88				28	98	
	Benzaldehyde	1700	390	ug/Kg	23				10	133	
	Aniline	1700	1500	ug/Kg	88				38	100	
	Phenol	1700	1600	ug/Kg	94				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	1600	ug/Kg	94				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1600	ug/Kg	94				58	111	
	N-Nitroso-di-n-propylamine	1700	1600	ug/Kg	94				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1600	ug/Kg	94				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	2000	ug/Kg	118				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	1200	ug/Kg	71				10	140	
	Naphthalene	1700	1600	ug/Kg	94				62	100	
	4-Chloroaniline	1700	730	ug/Kg	43				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1600	ug/Kg	94				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1600	ug/Kg	94				60	104	
	Hexachlorocyclopentadiene	3300	5400	ug/Kg	164				45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	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	1500	ug/Kg	88				66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104	
	3-Nitroaniline	1700	910	ug/Kg	54				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	Total PAH	27200	26000	ug/Kg	96				57	104	
	2,4-Dinitrophenol	3300	2600	ug/Kg	79				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF120324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB165339BS	4-Nitrophenol	3300	2900	ug/Kg	88				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene/2,6-Dinitrotr	3400	3100	ug/Kg	91				60	106	
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106	
	Diethylphthalate	1700	1600	ug/Kg	94				60	101	
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				58	98	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	4-Nitroaniline	1700	1500	ug/Kg	88				64	103	
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99	
	Azobenzene	1700	1600	ug/Kg	94				54	103	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				66	102	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1900	ug/Kg	112				47	152	
	Pentachlorophenol	3300	2800	ug/Kg	85				67	105	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1700	ug/Kg	100				61	105	
	Carbazole	1700	1600	ug/Kg	94				61	99	
	Di-n-butylphthalate	1700	1800	ug/Kg	106		*		58	104	
	Fluoranthene	1700	1900	ug/Kg	112		*		57	107	
	Benzidine	3300	1400	ug/Kg	42				10	98	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	990	ug/Kg	58				42	91	
	Benzo(a)anthracene	1700	1700	ug/Kg	100				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1900	ug/Kg	112				54	135	
	Di-n-octyl phthalate	1700	2200	ug/Kg	129				52	137	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1300	ug/Kg	76				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				59	108	
	1-Methylnaphthalene	1700	1500	ug/Kg	88				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MW-08

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF120324

SAS No.: BF120324 SDG NO.: BF120324

Lab File ID: BF140710.D

Lab Sample ID: P5021-02

Instrument ID: BNA_F

Date Extracted: 11/27/2024

Matrix: (soil/water) Water

Date Analyzed: 12/03/2024

Level: (low/med) LOW

Time Analyzed: 14:59

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MW-08	P5021-02	BF140710.D	12/03/2024
MW-10	P5021-03	BF140711.D	12/03/2024
MW-12	P5021-06	BF140712.D	12/03/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165312BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF120324

SAS No.: BF120324 SDG NO.: BF120324

Lab File ID: BF140703.D

Lab Sample ID: PB165312BL

Instrument ID: BNA_F

Date Extracted: 12/02/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/03/2024

Level: (low/med) LOW

Time Analyzed: 11:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165312BS	PB165312BS	BF140704.D	12/03/2024
SOIL-1-HAM	P5026-01	BF140718.D	12/03/2024
SOIL-EAST	P5025-05	BF140720.D	12/03/2024
MH-746-WC	P5048-01	BF140722.D	12/03/2024
SOIL-WEST	P5025-01	BF140723.D	12/03/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165316BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF120324

SAS No.: BF120324 SDG NO.: BF120324

Lab File ID: BF140705.D

Lab Sample ID: PB165316BL

Instrument ID: BNA_F

Date Extracted: 12/02/2024

Matrix: (soil/water) water

Date Analyzed: 12/03/2024

Level: (low/med) LOW

Time Analyzed: 12:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165316BS	PB165316BS	BF140706.D	12/03/2024
PB165297TB	PB165297TB	BF140707.D	12/03/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165339BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF120324

SAS No.: BF120324 SDG NO.: BF120324

Lab File ID: BF140709.D

Lab Sample ID: PB165339BL

Instrument ID: BNA_F

Date Extracted: 12/03/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/03/2024

Level: (low/med) LOW

Time Analyzed: 14:32

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
OR-640-COMP-62	P5052-13	BF140721.D	12/03/2024
OR-640-COMP-51	P5052-07	BF140719.D	12/03/2024
PB165339BS	PB165339BS	BF140708.D	12/03/2024
OR-640-COMP-63	P5052-19	BF140713.D	12/03/2024
OR-640-COMP-63MS	P5052-19MS	BF140714.D	12/03/2024
OR-640-COMP-63MSD	P5052-19MSD	BF140715.D	12/03/2024
OR-640-COMP-50	P5052-01	BF140717.D	12/03/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF120324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5052-19MS		Client Sample ID: OR-640-COMP-63MS		DataFile: BF140714.D							
n-Nitrosodimethylamine	1100		960	ug/Kg	87				66	124	
Pyridine	1100		1000	ug/Kg	91				45	119	
Benzaldehyde	1100		560	ug/Kg	51				10	86	
Aniline	1100		1200	ug/Kg	109	*			10	88	
Phenol	1100		1100	ug/Kg	100				67	126	
bis(2-Chloroethyl)ether	1100		1000	ug/Kg	91				54	125	
2-Chlorophenol	1100		1100	ug/Kg	100				79	107	
1,2-Dichlorobenzene	1100		1000	ug/Kg	91				61	105	
1,3-Dichlorobenzene	1100		1000	ug/Kg	91				62	101	
1,4-Dichlorobenzene	1100		1000	ug/Kg	91				63	104	
Benzyl Alcohol	1100		1100	ug/Kg	100				47	126	
2-Methylphenol	1100		1100	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	1100		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		1000	ug/Kg	91				65	117	
Nitrobenzene	1100		1000	ug/Kg	91				70	119	
Isophorone	1100		1100	ug/Kg	100				76	122	
2-Nitrophenol	1100		1100	ug/Kg	100				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		890	ug/Kg	81				50	104	
Naphthalene	1100		1000	ug/Kg	91				72	110	
4-Chloroaniline	1100		540	ug/Kg	49				10	91	
Hexachlorobutadiene	1100		1000	ug/Kg	91				66	114	
Caprolactam	1100		1100	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100				57	132	
2-Methylnaphthalene	1100		1100	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	2100		3400	ug/Kg	162				10	175	
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1100		1000	ug/Kg	91				72	117	
1,1-Biphenyl	1100		1100	ug/Kg	100				75	113	
2-Chloronaphthalene	1100		1100	ug/Kg	100				67	118	
2-Nitroaniline	1100		1000	ug/Kg	91				69	127	
Dimethylphthalate	1100		1100	ug/Kg	100				70	113	
Acenaphthylene	1100		1100	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1100		1000	ug/Kg	91				70	125	
3-Nitroaniline	1100		790	ug/Kg	72				30	99	
Acenaphthene	1100		1100	ug/Kg	100				70	121	
Total PAH	17600		17680	ug/Kg	100				70	121	
2,4-Dinitrophenol	2100		2000	ug/Kg	95				10	155	
4-Nitrophenol	2100		1900	ug/Kg	90				45	133	
Dibenzofuran	1100		1100	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF120324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1100	ug/Kg	100				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2100	ug/Kg	95				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		1000	ug/Kg	91				55	120	
4,6-Dinitro-2-methylphenol	1100		1200	ug/Kg	109				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		1400	ug/Kg	127				79	127	
Pentachlorophenol	2100		2100	ug/Kg	100				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		1200	ug/Kg	109				69	118	
Fluoranthene	1100		1000	ug/Kg	91				44	125	
Benzydine	2100		1200	ug/Kg	57				10	119	
Pyrene	1100		1100	ug/Kg	100				26	142	
Butylbenzylphthalate	1100		1300	ug/Kg	118				64	126	
3,3-Dichlorobenzidine	1100		770	ug/Kg	70				33	116	
Benzo(a)anthracene	1100		1100	ug/Kg	100				71	114	
Chrysene	1100		1100	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	1100		1300	ug/Kg	118				42	169	
Di-n-octyl phthalate	1100		1400	ug/Kg	127				23	175	
Benzo(b)fluoranthene	1100		980	ug/Kg	89				67	121	
Benzo(k)fluoranthene	1100		1100	ug/Kg	100				57	134	
Benzo(a)pyrene	1100		1200	ug/Kg	109				70	142	
Indeno(1,2,3-cd)pyrene	1100		1200	ug/Kg	109				40	129	
Dibenz(a,h)anthracene	1100		1200	ug/Kg	109				43	123	
Benzo(g,h,i)perylene	1100		1100	ug/Kg	100				24	125	
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100				69	124	
1,4-Dioxane	1100		930	ug/Kg	85				46	112	
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109				69	112	
1-Methylnaphthalene	1100		1000	ug/Kg	91				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF120324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5052-19MSD		Client Sample ID: OR-640-COMP-63MSD		DataFile: BF140715.D							
n-Nitrosodimethylamine	1100		960	ug/Kg	87		0		66	124	20
Pyridine	1100		990	ug/Kg	90		1		45	119	20
Benzaldehyde	1100		560	ug/Kg	51		0		10	86	20
Aniline	1100		1200	ug/Kg	109	*	0		10	88	20
Phenol	1100		1100	ug/Kg	100		0		67	126	20
bis(2-Chloroethyl)ether	1100		1000	ug/Kg	91		0		54	125	20
2-Chlorophenol	1100		1100	ug/Kg	100		0		79	107	20
1,2-Dichlorobenzene	1100		1000	ug/Kg	91		0		61	105	20
1,3-Dichlorobenzene	1100		1000	ug/Kg	91		0		62	101	20
1,4-Dichlorobenzene	1100		1000	ug/Kg	91		0		63	104	20
Benzyl Alcohol	1100		1100	ug/Kg	100		0		47	126	20
2-Methylphenol	1100		1000	ug/Kg	91		9		66	122	20
2,2-oxybis(1-Chloropropane)	1100		1100	ug/Kg	100		0		65	110	20
Acetophenone	1100		1000	ug/Kg	91		9		75	111	20
3+4-Methylphenols	1100		1100	ug/Kg	100		0		66	104	20
N-Nitroso-di-n-propylamine	1100		1100	ug/Kg	100		0		59	119	20
Hexachloroethane	1100		1000	ug/Kg	91		0		65	117	20
Nitrobenzene	1100		980	ug/Kg	89		2		70	119	20
Isophorone	1100		1100	ug/Kg	100		0		76	122	20
2-Nitrophenol	1100		1100	ug/Kg	100		0		54	145	20
2,4-Dimethylphenol	1100		1300	ug/Kg	118		7		44	135	20
bis(2-Chloroethoxy)methane	1100		1100	ug/Kg	100		0		68	112	20
2,4-Dichlorophenol	1100		1100	ug/Kg	100		0		72	118	20
1,2,4-Trichlorobenzene	1100		980	ug/Kg	89		2		57	103	20
Benzoic acid	1100		910	ug/Kg	83		2		50	104	20
Naphthalene	1100		1000	ug/Kg	91		0		72	110	20
4-Chloroaniline	1100		490	ug/Kg	45		9		10	91	20
Hexachlorobutadiene	1100		1000	ug/Kg	91		0		66	114	20
Caprolactam	1100		1000	ug/Kg	91		9		51	134	20
4-Chloro-3-methylphenol	1100		1000	ug/Kg	91		9		57	132	20
2-Methylnaphthalene	1100		1100	ug/Kg	100		0		59	123	20
Hexachlorocyclopentadiene	2100		3300	ug/Kg	157		3		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		0		72	117	20
1,1-Biphenyl	1100		1100	ug/Kg	100		0		75	113	20
2-Chloronaphthalene	1100		1000	ug/Kg	91		9		67	118	20
2-Nitroaniline	1100		1000	ug/Kg	91		0		69	127	20
Dimethylphthalate	1100		1100	ug/Kg	100		0		70	113	20
Acenaphthylene	1100		1100	ug/Kg	100		0		79	118	20
2,6-Dinitrotoluene	1100		1000	ug/Kg	91		0		70	125	20
3-Nitroaniline	1100		750	ug/Kg	68		6		30	99	20
Acenaphthene	1100		1100	ug/Kg	100		0		70	121	20
Total PAH	17600		17290	ug/Kg	98		2		70	121	20
2,4-Dinitrophenol	2100		1900	ug/Kg	90		5		10	155	20
4-Nitrophenol	2100		1800	ug/Kg	86		5		45	133	20
Dibenzofuran	1100		1100	ug/Kg	100		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF120324

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1000	ug/Kg	91		9		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2000	ug/Kg	91		4		55	128	20
Diethylphthalate	1100		1100	ug/Kg	100		0		70	112	20
4-Chlorophenyl-phenylether	1100		1100	ug/Kg	100		0		71	108	20
Fluorene	1100		1000	ug/Kg	91		9		68	116	20
4-Nitroaniline	1100		980	ug/Kg	89		2		55	120	20
4,6-Dinitro-2-methylphenol	1100		1200	ug/Kg	109		0		10	160	20
N-Nitrosodiphenylamine	1100		1100	ug/Kg	100		0		73	118	20
Azobenzene	1100		1200	ug/Kg	109		0		73	110	20
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100		0		65	121	20
Hexachlorobenzene	1100		1100	ug/Kg	100		0		67	118	20
Atrazine	1100		1300	ug/Kg	118		7		79	127	20
Pentachlorophenol	2100		2000	ug/Kg	95		5		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		1000	ug/Kg	91		9		59	119	20
Di-n-butylphthalate	1100		1200	ug/Kg	109		0		69	118	20
Fluoranthene	1100		990	ug/Kg	90		1		44	125	20
Benzydine	2100		1200	ug/Kg	57		0		10	119	20
Pyrene	1100		1100	ug/Kg	100		0		26	142	20
Butylbenzylphthalate	1100		1300	ug/Kg	118		0		64	126	20
3,3-Dichlorobenzidine	1100		860	ug/Kg	78		11		33	116	20
Benzo(a)anthracene	1100		1100	ug/Kg	100		0		71	114	20
Chrysene	1100		1000	ug/Kg	91		9		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1300	ug/Kg	118		0		42	169	20
Di-n-octyl phthalate	1100		1400	ug/Kg	127		0		23	175	20
Benzo(b)fluoranthene	1100		1000	ug/Kg	91		2		67	121	20
Benzo(k)fluoranthene	1100		1000	ug/Kg	91		9		57	134	20
Benzo(a)pyrene	1100		1200	ug/Kg	109		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100		1200	ug/Kg	109		0		40	129	20
Dibenz(a,h)anthracene	1100		1200	ug/Kg	109		0		43	123	20
Benzo(g,h,i)perylene	1100		1100	ug/Kg	100		0		24	125	20
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100		0		69	124	20
1,4-Dioxane	1100		930	ug/Kg	85		0		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100		9		69	112	20
1-Methylnaphthalene	1100		990	ug/Kg	90		1		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF120324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5021-02	MW-08	BF140710.D	2-Fluorophenol	150	50.75	34		10	139
			Phenol-d6	150	37.97	25		10	134
			Nitrobenzene-d5	100	75.93	76		49	133
			2-Fluorobiphenyl	100	76.65	77		52	132
			2,4,6-Tribromophenol	150	120.37	80		44	137
			Terphenyl-d14	100	80.68	81		48	125
P5021-03	MW-10	BF140711.D	2-Fluorophenol	150	62.34	42		10	139
			Phenol-d6	150	40.63	27		10	134
			Nitrobenzene-d5	100	91.82	92		49	133
			2-Fluorobiphenyl	100	94.24	94		52	132
			2,4,6-Tribromophenol	150	143.70	96		44	137
			Terphenyl-d14	100	93.70	94		48	125
P5021-06	MW-12	BF140712.D	2-Fluorophenol	150	60.32	40		10	139
			Phenol-d6	150	42.16	28		10	134
			Nitrobenzene-d5	100	93.50	93		49	133
			2-Fluorobiphenyl	100	88.45	88		52	132
			2,4,6-Tribromophenol	150	139.63	93		44	137
			Terphenyl-d14	100	97.22	97		48	125

Surrogate Summary

SW-846

SDG No.: **BF120324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5025-01	SOIL-WEST	BF140723.D	2-Fluorophenol	150	86.03	57		18	112
			Phenol-d6	150	91.62	61		15	107
			Nitrobenzene-d5	100	69.01	69		18	107
			2-Fluorobiphenyl	100	70.59	71		20	109
			2,4,6-Tribromophenol	150	61.78	41		10	116
			Terphenyl-d14	100	46.25	46		10	105
P5025-05	SOIL-EAST	BF140720.D	2-Fluorophenol	150	103.88	69		18	112
			Phenol-d6	150	100.03	67		15	107
			Nitrobenzene-d5	100	72.22	72		18	107
			2-Fluorobiphenyl	100	79.30	79		20	109
			2,4,6-Tribromophenol	150	93.10	62		10	116
			Terphenyl-d14	100	58.24	58		10	105
P5026-01	SOIL-1-HAM	BF140718.D	2-Fluorophenol	150	54.36	36		18	112
			Phenol-d6	150	88.88	59		15	107
			Nitrobenzene-d5	100	63.64	64		18	107
			2-Fluorobiphenyl	100	62.18	62		20	109
			2,4,6-Tribromophenol	150	30.24	20		10	116
			Terphenyl-d14	100	53.07	53		10	105
P5045-01DL	SU-04-11222024DI	BF140716.D	2-Fluorophenol	150	86.76	58		18	112
			Phenol-d6	150	83.50	56		15	107
			Nitrobenzene-d5	100	58.63	59		18	107
			2-Fluorobiphenyl	100	62.61	63		20	109
			2,4,6-Tribromophenol	150	73.05	49		10	116
			Terphenyl-d14	100	51.82	52		10	105
P5048-01	MH-746-WC	BF140722.D	2-Fluorophenol	150	103.03	69		18	112
			Phenol-d6	150	100.36	67		15	107
			Nitrobenzene-d5	100	70.62	71		18	107
			2-Fluorobiphenyl	100	76.28	76		20	109
			2,4,6-Tribromophenol	150	89.81	60		10	116
			Terphenyl-d14	100	51.47	51		10	105
PB165312BL	PB165312BL	BF140703.D	2-Fluorophenol	150	132.25	88		18	112
			Phenol-d6	150	127.16	85		15	107
			Nitrobenzene-d5	100	86.58	87		18	107
			2-Fluorobiphenyl	100	90.40	90		20	109
			2,4,6-Tribromophenol	150	127.24	85		10	116
			Terphenyl-d14	100	90.98	91		10	105
PB165312BS	PB165312BS	BF140704.D	2-Fluorophenol	150	133.02	89		18	112
			Phenol-d6	150	129.28	86		15	107
			Nitrobenzene-d5	100	84.66	85		18	107
			2-Fluorobiphenyl	100	88.50	88		20	109
			2,4,6-Tribromophenol	150	137.41	92		10	116
			Terphenyl-d14	100	95.23	95		10	105

Surrogate Summary

SW-846

SDG No.: **BF120324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165297TB	PB165297TB	BF140707.D	2-Fluorophenol	150	138.32	92		10	139
			Phenol-d6	150	134.72	90		10	134
			Nitrobenzene-d5	100	90.95	91		49	133
			2-Fluorobiphenyl	100	91.60	92		52	132
			2,4,6-Tribromophenol	150	137.11	91		44	137
			Terphenyl-d14	100	92.86	93		48	125
PB165316BL	PB165316BL	BF140705.D	2-Fluorophenol	150	134.43	90		10	139
			Phenol-d6	150	134.06	89		10	134
			Nitrobenzene-d5	100	90.87	91		49	133
			2-Fluorobiphenyl	100	89.71	90		52	132
			2,4,6-Tribromophenol	150	127.06	85		44	137
			Terphenyl-d14	100	90.77	91		48	125
PB165316BS	PB165316BS	BF140706.D	2-Fluorophenol	150	135.62	90		10	139
			Phenol-d6	150	130.77	87		10	134
			Nitrobenzene-d5	100	91.71	92		49	133
			2-Fluorobiphenyl	100	94.31	94		52	132
			2,4,6-Tribromophenol	150	143.75	96		44	137
			Terphenyl-d14	100	101.38	101		48	125

Surrogate Summary

SW-846

SDG No.: **BF120324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5052-01	OR-640-COMP-50	BF140717.D	2-Fluorophenol	150	81.49	54		18	112
			Phenol-d6	150	80.78	54		15	107
			Nitrobenzene-d5	100	56.64	57		18	107
			2-Fluorobiphenyl	100	59.37	59		20	109
			2,4,6-Tribromophenol	150	76.98	51		10	116
			Terphenyl-d14	100	53.79	54		10	105
P5052-07	OR-640-COMP-51	BF140719.D	2-Fluorophenol	150	81.52	54		18	112
			Phenol-d6	150	79.41	53		15	107
			Nitrobenzene-d5	100	55.71	56		18	107
			2-Fluorobiphenyl	100	58.00	58		20	109
			2,4,6-Tribromophenol	150	73.70	49		10	116
			Terphenyl-d14	100	46.57	47		10	105
P5052-13	OR-640-COMP-62	BF140721.D	2-Fluorophenol	150	107.70	72		18	112
			Phenol-d6	150	103.57	69		15	107
			Nitrobenzene-d5	100	75.68	76		18	107
			2-Fluorobiphenyl	100	78.75	79		20	109
			2,4,6-Tribromophenol	150	93.57	62		10	116
			Terphenyl-d14	100	55.41	55		10	105
P5052-19	OR-640-COMP-63	BF140713.D	2-Fluorophenol	150	102.98	69		18	112
			Phenol-d6	150	101.92	68		15	107
			Nitrobenzene-d5	100	68.50	69		18	107
			2-Fluorobiphenyl	100	68.42	68		20	109
			2,4,6-Tribromophenol	150	108.27	72		10	116
			Terphenyl-d14	100	69.60	70		10	105
P5052-19MS	OR-640-COMP-63	BF140714.D	2-Fluorophenol	150	88.71	59		18	112
			Phenol-d6	150	86.04	57		15	107
			Nitrobenzene-d5	100	60.53	61		18	107
			2-Fluorobiphenyl	100	63.76	64		20	109
			2,4,6-Tribromophenol	150	93.33	62		10	116
			Terphenyl-d14	100	71.83	72		10	105
P5052-19MSD	OR-640-COMP-63	BF140715.D	2-Fluorophenol	150	86.60	58		18	112
			Phenol-d6	150	85.45	57		15	107
			Nitrobenzene-d5	100	58.85	59		18	107
			2-Fluorobiphenyl	100	62.38	62		20	109
			2,4,6-Tribromophenol	150	89.35	60		10	116
			Terphenyl-d14	100	69.74	70		10	105
PB165339BL	PB165339BL	BF140709.D	2-Fluorophenol	150	151.30	101		18	112
			Phenol-d6	150	145.83	97		15	107
			Nitrobenzene-d5	100	97.99	98		18	107
			2-Fluorobiphenyl	100	102.08	102		20	109
			2,4,6-Tribromophenol	150	146.15	97		10	116
			Terphenyl-d14	100	102.46	102		10	105
PB165339BS	PB165339BS	BF140708.D	2-Fluorophenol	150	129.73	86		18	112
			Phenol-d6	150	126.32	84		15	107
			Nitrobenzene-d5	100	87.73	88		18	107
			2-Fluorobiphenyl	100	87.86	88		20	109
			2,4,6-Tribromophenol	150	137.97	92		10	116
			Terphenyl-d14	100	86.18	86		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF120324

Lab Code: CHEM

SAS No.: BF120324

SDG NO.: BF120324

Lab File ID: BF140701.D

DFTPP Injection Date: 12/03/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.9
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	35
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	46.7
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	6.6
275	10.0 - 60.0% of mass 198	28.2
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.7 (18.7) 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	BF140702.D	12/03/2024	11:24
PB165312BL	PB165312BL	BF140703.D	12/03/2024	11:56
PB165312BS	PB165312BS	BF140704.D	12/03/2024	12:22
PB165316BL	PB165316BL	BF140705.D	12/03/2024	12:48
PB165316BS	PB165316BS	BF140706.D	12/03/2024	13:14
PB165297TB	PB165297TB	BF140707.D	12/03/2024	13:40
PB165339BS	PB165339BS	BF140708.D	12/03/2024	14:06
PB165339BL	PB165339BL	BF140709.D	12/03/2024	14:32
MW-08	P5021-02	BF140710.D	12/03/2024	14:59
MW-10	P5021-03	BF140711.D	12/03/2024	15:24
MW-12	P5021-06	BF140712.D	12/03/2024	15:50
OR-640-COMP-63	P5052-19	BF140713.D	12/03/2024	16:16
OR-640-COMP-63MS	P5052-19MS	BF140714.D	12/03/2024	16:42
OR-640-COMP-63MSD	P5052-19MSD	BF140715.D	12/03/2024	17:08
SU-04-11222024DL	P5045-01DL	BF140716.D	12/03/2024	17:34
OR-640-COMP-50	P5052-01	BF140717.D	12/03/2024	18:00
SOIL-1-HAM	P5026-01	BF140718.D	12/03/2024	18:26
OR-640-COMP-51	P5052-07	BF140719.D	12/03/2024	18:52

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF120324

Lab Code: CHEM

SAS No.: BF120324 SDG NO.: BF120324

Lab File ID: BF140701.D

DFTPP Injection Date: 12/03/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.9
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	35
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	46.7
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	6.6
275	10.0 - 60.0% of mass 198	28.2
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.7 (18.7) 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
SOIL-EAST	P5025-05	BF140720.D	12/03/2024	19:18
OR-640-COMP-62	P5052-13	BF140721.D	12/03/2024	19:44
MH-746-WC	P5048-01	BF140722.D	12/03/2024	20:10
SOIL-WEST	P5025-01	BF140723.D	12/03/2024	20:36