

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF060724 SAS No.: BF060724 SDG No.: BF060724

Instrument ID: BNA_F Calibration Date/Time: 6/7/2024 12:09:36

Lab File ID: BF138149.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	0.647	0.606		-6.337	
Pyridine	1.318	1.229		-6.753	
2-Fluorophenol	1.174	1.163		-0.937	
Benzaldehyde	0.791	0.799		1.011	
Aniline	1.505	1.426		-5.249	
Phenol-d6	1.485	1.457		-1.886	
Phenol	1.525	1.500		-1.639	20.0
bis(2-Chloroethyl) ether	1.223	1.175		-3.925	
2-Chlorophenol	1.270	1.273		0.236	
1,2-Dichlorobenzene	1.375	1.361		-1.018	
1,3-Dichlorobenzene	1.455	1.441		-0.962	
1,4-Dichlorobenzene	1.465	1.459		-0.41	20.0
Benzyl Alcohol	1.051	1.028		-2.188	
2-Methylphenol	1.028	1.002		-2.529	
2,2-oxybis(1-Chloropropane)	1.795	1.676		-6.63	
Acetophenone	0.460	0.449		-2.391	
3+4-Methylphenols	1.279	1.275		-0.313	
n-Nitroso-di-n-propylamine	0.947	0.878	0.050	-7.286	
Nitrobenzene-d5	0.294	0.340		15.646	
Hexachloroethane	0.500	0.507		1.4	
Nitrobenzene	0.320	0.349		9.062	
Isophorone	0.648	0.619		-4.475	
2-Nitrophenol	0.108	0.157		45.37	20.0
2,4-Dimethylphenol	0.225	0.228		1.333	
bis(2-Chloroethoxy) methane	0.394	0.383		-2.792	
2,4-Dichlorophenol	0.271	0.287		5.904	20.0
1,2,4-Trichlorobenzene	0.327	0.334		2.141	
Benzoic acid	0.148	0.218		47.297	
Naphthalene	0.967	0.971		0.414	
4-Chloroaniline	0.364	0.360		-1.099	
Hexachlorobutadiene	0.192	0.199		3.646	20.0
Caprolactam	0.091	0.089		-2.198	
4-Chloro-3-methylphenol	0.278	0.279		0.36	20.0
2-Methylnaphthalene	0.652	0.653		0.153	
Hexachlorocyclopentadiene	0.186	0.213	0.050	14.516	
2,4,6-Trichlorophenol	0.343	0.379		10.496	20.0
2-Fluorobiphenyl	1.144	1.170		2.273	
2,4,5-Trichlorophenol	0.378	0.414		9.524	
1,1-Biphenyl	1.405	1.429		1.708	

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Lab File ID: BF138149.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	1.120	1.127		0.625	
2-Nitroaniline	0.229	0.294		28.384	
Dimethylphthalate	1.257	1.256		-0.08	
Acenaphthylene	1.584	1.595		0.694	
2,6-Dinitrotoluene	0.235	0.290		23.404	
3-Nitroaniline	0.240	0.292		21.667	
Acenaphthene	1.071	1.104		3.081	20.0
2,4-Dinitrophenol	0.060	0.099	0.050	65.0	
4-Nitrophenol	0.191	0.220	0.050	15.183	
Dibenzofuran	1.514	1.521		0.462	
2,4-Dinitrotoluene	0.272	0.364		33.824	
Diethylphthalate	1.227	1.229		0.163	
4-Chlorophenyl-phenylether	0.611	0.622		1.8	
Fluorene	1.203	1.217		1.164	
4-Nitroaniline	0.235	0.278		18.298	
4,6-Dinitro-2-methylphenol	0.063	0.090		42.857	
n-Nitrosodiphenylamine	0.597	0.605		1.34	20.0
Azobenzene	1.182	1.165		-1.438	
2,4,6-Tribromophenol	0.192	0.226		17.708	
4-Bromophenyl-phenylether	0.228	0.234		2.632	
Hexachlorobenzene	0.265	0.270		1.887	
Atrazine	0.192	0.184		-4.167	
Pentachlorophenol	0.142	0.171		20.423	20.0
Phenanthrene	0.963	0.956		-0.727	
Anthracene	0.960	0.960		0.0	
Carbazole	0.878	0.853		-2.847	
Di-n-butylphthalate	1.032	1.010		-2.132	
Fluoranthene	1.039	1.000		-3.754	20.0
Benzidine	0.206	0.255		23.786	
Pyrene	1.809	1.840		1.714	
Terphenyl-d14	1.337	1.360		1.72	
Butylbenzylphthalate	0.597	0.610		2.178	
3,3-Dichlorobenzidine	0.320	0.354		10.625	
Benzo(a)anthracene	1.262	1.257		-0.396	
Chrysene	1.211	1.202		-0.743	
Bis(2-ethylhexyl)phthalate	0.870	0.832		-4.368	
Di-n-octyl phthalate	1.198	1.192		-0.501	20.0
Benzo(b)fluoranthene	1.257	1.159		-7.796	
Benzo(k)fluoranthene	1.199	1.131		-5.671	

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Lab Name: CHEMTECH Contract: _____

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Instrument ID: BNA_F Calibration Date/Time: 6/7/2024 12:09:36

Lab File ID: BF138149.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.952	0.961		0.945	20.0
Indeno(1,2,3-cd)pyrene	0.940	1.160		23.404	
Dibenzo(a,h)anthracene	0.748	0.927		23.93	
Benzo(g,h,i)perylene	0.785	1.041		32.611	
1,2,4,5-Tetrachlorobenzene	0.565	0.589		4.248	
1,4-Dioxane	0.538	0.515		-4.275	20.0
2,3,4,6-Tetrachlorophenol	0.298	0.338		13.423	
1-Methylnaphthalene	0.639	0.639		0.0	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PB161296TB	SDG No.:	BF060724
Lab Sample ID:	PB161296TB	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
BF138150.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161335

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:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PB161296TB	SDG No.:	BF060724
Lab Sample ID:	PB161296TB	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
BF138150.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161335

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:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PB161296TB	SDG No.:	BF060724
Lab Sample ID:	PB161296TB	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
BF138150.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161335

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	123.191		10-139		82	SPK: -150
13127-88-3	Phenol-d6	118.598		10-134		79	SPK: -150
4165-60-0	Nitrobenzene-d5	94.835		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	85.524		52-132		86	SPK: -100

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PB161296TB	SDG No.:	BF060724
Lab Sample ID:	PB161296TB	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
BF138150.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161335

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.107		32-145		93	SPK: -150
1718-51-0	Terphenyl-d14	73.101		36-145		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	409059	6.904				
1146-65-2	Naphthalene-d8	1586702	8.186				
15067-26-2	Acenaphthene-d10	900731	9.939				
1517-22-2	Phenanthrene-d10	1690235	11.427				
1719-03-5	Chrysene-d12	1095422	14.062				
1520-96-3	Perylene-d12	720572	15.545				

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PB161334BS	SDG No.:	BF060724
Lab Sample ID:	PB161334BS	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
BF138151.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	42.7		1	8	10	ug/L
110-86-1	Pyridine	34.1		1.6	4	5	ug/L
100-52-7	Benzaldehyde	50.4		4	8	10	ug/L
62-53-3	Aniline	27.7		1.6	4	5	ug/L
108-95-2	Phenol	46.1		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.8		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	47.4		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	44.4		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	42.7		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	43.3		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	46.6		1.6	8	10	ug/L
95-48-7	2-Methylphenol	46		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	43.8		1.4	4	5	ug/L
98-86-2	Acetophenone	42.6		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	45.6		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.1		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	44.7		1	4	5	ug/L
98-95-3	Nitrobenzene	46.2		1.3	4	5	ug/L
78-59-1	Isophorone	43.1		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	53		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	49.5		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.6		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	48		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	43.3		1.1	4	5	ug/L
65-85-0	Benzoic acid	52.7		5.5	8	10	ug/L
91-20-3	Naphthalene	42.8		1	4	5	ug/L
106-47-8	4-Chloroaniline	18.5		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	42.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PB161334BS	SDG No.:	BF060724
Lab Sample ID:	PB161334BS	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
BF138151.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	44.4		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	46.4		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	43.6		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	130	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	50.6		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	48.7		1	4	5	ug/L
92-52-4	1,1-Biphenyl	43.8		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	43.4		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	48.4		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	45		0.93	4	5	ug/L
208-96-8	Acenaphthylene	46.3		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	47.3		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	33.6		1.4	4	5	ug/L
83-32-9	Acenaphthene	47.3		0.81	4	5	ug/L
Total PAH	Total PAH	745.5		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	94.1	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	110	E	2	8	10	ug/L
132-64-9	Dibenzofuran	45		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	51.2		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	98.5		2.7	4	10	ug/L
84-66-2	Diethylphthalate	44		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.4		0.98	4	5	ug/L
86-73-7	Fluorene	42.5		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	49.3		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	56.3		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	45.9		0.89	4	5	ug/L
103-33-3	Azobenzene	43.6		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	46.6		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	44.8		1.1	4	5	ug/L
1912-24-9	Atrazine	49.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PB161334BS	SDG No.:	BF060724
Lab Sample ID:	PB161334BS	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
BF138151.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	97.9	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	44.6		0.89	4	5	ug/L
120-12-7	Anthracene	44.5		1.1	4	5	ug/L
86-74-8	Carbazole	43		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	43.3		1.5	4	5	ug/L
206-44-0	Fluoranthene	40.7		1.3	4	5	ug/L
92-87-5	Benzidine	10		4.1	8	10	ug/L
129-00-0	Pyrene	44.4		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	48.8		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	38.7		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	45.2		0.94	4	5	ug/L
218-01-9	Chrysene	45.8		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	44.4		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	47.8		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	45.1		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	49.1		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	52		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	51.8		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	51.9		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	51.5		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	45.2		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	33.9		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	52.4		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	41.6		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	122.876		10-139		82	SPK: -150
13127-88-3	Phenol-d6	123.887		10-134		83	SPK: -150
4165-60-0	Nitrobenzene-d5	95.675		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	82.394		52-132		82	SPK: -100

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PB161334BS	SDG No.:	BF060724
Lab Sample ID:	PB161334BS	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
BF138151.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	135.319		32-145		90	SPK: -150
1718-51-0	Terphenyl-d14	80.92		36-145		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	431223	6.91				
1146-65-2	Naphthalene-d8	1719569	8.192				
15067-26-2	Acenaphthene-d10	972684	9.945				
1517-22-2	Phenanthrene-d10	1693294	11.433				
1719-03-5	Chrysene-d12	914486	14.068				
1520-96-3	Perylene-d12	813503	15.551				

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	PB161349BL	SDG No.:	BF060724
Lab Sample ID:	PB161349BL	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
BF138152.D	1	6/6/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161349

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:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	PB161349BL	SDG No.:	BF060724
Lab Sample ID:	PB161349BL	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
BF138152.D	1	6/6/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161349

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:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	PB161349BL	SDG No.:	BF060724
Lab Sample ID:	PB161349BL	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
BF138152.D	1	6/6/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161349

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	133.815		18-112		89	SPK: -150
13127-88-3	Phenol-d6	128.047		15-107		85	SPK: -150
4165-60-0	Nitrobenzene-d5	102.842		18-107		103	SPK: -100
321-60-8	2-Fluorobiphenyl	90.069		20-109		90	SPK: -100

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	PB161349BL	SDG No.:	BF060724
Lab Sample ID:	PB161349BL	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
BF138152.D	1	6/6/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161349

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	147.266		10-110		98	SPK: -150
1718-51-0	Terphenyl-d14	78.842		14-112		79	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	364351	6.904				
1146-65-2	Naphthalene-d8	1413426	8.187				
15067-26-2	Acenaphthene-d10	816914	9.939				
1517-22-2	Phenanthrene-d10	1526429	11.428				
1719-03-5	Chrysene-d12	973800	14.063				
1520-96-3	Perylene-d12	627210	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	80	J			2.316	
000215-58-7	Benzo[b]triphenylene	69.6	J			17.015	

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	PB161307BL	SDG No.:	BF060724
Lab Sample ID:	PB161307BL	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
BF138153.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

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



Client:				Date Collected:	6/4/2024 12:00:00 AM	
Project:				Date Received:	6/4/2024 12:00:00 AM	
Client Sample ID:	PB161307BL			SDG No.:	BF060724	
Lab Sample ID:	PB161307BL			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
BF138153.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.4	U	169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.2	U	86.2	130	170	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:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	PB161307BL	SDG No.:	BF060724
Lab Sample ID:	PB161307BL	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
BF138153.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

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	132.255		18-112		88	SPK: -150
13127-88-3	Phenol-d6	126.392		15-107		84	SPK: -150
4165-60-0	Nitrobenzene-d5	101.158		18-107		101	SPK: -100
321-60-8	2-Fluorobiphenyl	90.507		20-109		91	SPK: -100

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	PB161307BL	SDG No.:	BF060724
Lab Sample ID:	PB161307BL	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
BF138153.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	143.171		10-110		95	SPK: -150
1718-51-0	Terphenyl-d14	80.118		14-112		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	371866	6.904				
1146-65-2	Naphthalene-d8	1441940	8.186				
15067-26-2	Acenaphthene-d10	830420	9.939				
1517-22-2	Phenanthrene-d10	1544682	11.427				
1719-03-5	Chrysene-d12	970466	14.063				
1520-96-3	Perylene-d12	610757	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	83.6	J			2.316	

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PB161334BSD	SDG No.:	BF060724
Lab Sample ID:	PB161334BSD	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
BF138154.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	41.8		1	8	10	ug/L
110-86-1	Pyridine	33.7		1.6	4	5	ug/L
100-52-7	Benzaldehyde	49.7		4	8	10	ug/L
62-53-3	Aniline	27.4		1.6	4	5	ug/L
108-95-2	Phenol	44.6		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	44		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	46.8		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	44		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	42.2		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	42.7		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	44.2		1.6	8	10	ug/L
95-48-7	2-Methylphenol	45.2		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	43.1		1.4	4	5	ug/L
98-86-2	Acetophenone	42.2		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	44.6		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	42.6		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	43.6		1	4	5	ug/L
98-95-3	Nitrobenzene	45.9		1.3	4	5	ug/L
78-59-1	Isophorone	42.6		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	52.3		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	49.1		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.4		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	47.7		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	43		1.1	4	5	ug/L
65-85-0	Benzoic acid	51.7		5.5	8	10	ug/L
91-20-3	Naphthalene	42.9		1	4	5	ug/L
106-47-8	4-Chloroaniline	17.5		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	42.4		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PB161334BSD	SDG No.:	BF060724
Lab Sample ID:	PB161334BSD	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
BF138154.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	44.1		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	45.6		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	43.2		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	130	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	50.1		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	49.1		1	4	5	ug/L
92-52-4	1,1-Biphenyl	44		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	43.6		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	47.7		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	44.7		0.93	4	5	ug/L
208-96-8	Acenaphthylene	46.2		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	47.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	32.9		1.4	4	5	ug/L
83-32-9	Acenaphthene	47.6		0.81	4	5	ug/L
Total PAH	Total PAH	746.7		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	93.1	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	100	E	2	8	10	ug/L
132-64-9	Dibenzofuran	44.2		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	97.5		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	50.4		1.5	4	5	ug/L
84-66-2	Diethylphthalate	44.1		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.5		0.98	4	5	ug/L
86-73-7	Fluorene	42.9		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	48.2		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	56.1		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	47.1		0.89	4	5	ug/L
103-33-3	Azobenzene	43.2		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	47.9		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	46.5		1.1	4	5	ug/L
1912-24-9	Atrazine	49.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PB161334BSD	SDG No.:	BF060724
Lab Sample ID:	PB161334BSD	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
BF138154.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	98.5	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	45.2		0.89	4	5	ug/L
120-12-7	Anthracene	44.9		1.1	4	5	ug/L
86-74-8	Carbazole	42.6		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	44.3		1.5	4	5	ug/L
206-44-0	Fluoranthene	41		1.3	4	5	ug/L
92-87-5	Benzidine	11.4		4.1	8	10	ug/L
129-00-0	Pyrene	44.8		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	48.1		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	38.2		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	45.3		0.94	4	5	ug/L
218-01-9	Chrysene	46.3		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	44		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	47.5		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	45.6		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	47.3		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	50.6		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	52.1		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	52.5		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	51.5		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	45.9		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	33.4		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	51.6		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	41.5		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	120.827		10-139		81	SPK: -150
13127-88-3	Phenol-d6	122.329		10-134		82	SPK: -150
4165-60-0	Nitrobenzene-d5	95.292		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	82.568		52-132		83	SPK: -100

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PB161334BSD	SDG No.:	BF060724
Lab Sample ID:	PB161334BSD	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
BF138154.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	136.194		32-145		91	SPK: -150
1718-51-0	Terphenyl-d14	83.89		36-145		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	429932	6.904				
1146-65-2	Naphthalene-d8	1698016	8.192				
15067-26-2	Acenaphthene-d10	951968	9.945				
1517-22-2	Phenanthrene-d10	1610494	11.427				
1719-03-5	Chrysene-d12	852116	14.068				
1520-96-3	Perylene-d12	787446	15.545				



Client:				Date Collected:	6/6/2024 12:00:00 AM	
Project:				Date Received:	6/6/2024 12:00:00 AM	
Client Sample ID:	PB161349BS			SDG No.:	BF060724	
Lab Sample ID:	PB161349BS			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
BF138155.D	1	6/6/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161349

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	1100		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	1700		180	270	330	ug/Kg
62-53-3	Aniline	930		96.8	130	170	ug/Kg
108-95-2	Phenol	1500		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		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	1400		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		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	1400		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1800		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		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	1800		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	610		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	PB161349BS	SDG No.:	BF060724
Lab Sample ID:	PB161349BS	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
BF138155.D	1	6/6/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161349

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4200	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1600		81	130	170	ug/Kg
Total PAH	Total PAH	24800		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3200	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3400	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)	3300		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1500		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		85.5	130	170	ug/Kg
86-73-7	Fluorene	1400		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	1900		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1400		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	1600		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	PB161349BS	SDG No.:	BF060724
Lab Sample ID:	PB161349BS	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
BF138155.D	1	6/6/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161349

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3300	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1500		83.9	130	170	ug/Kg
120-12-7	Anthracene	1500		84.3	130	170	ug/Kg
86-74-8	Carbazole	1400		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.6	130	170	ug/Kg
92-87-5	Benzidine	440		160	270	330	ug/Kg
129-00-0	Pyrene	1500		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1800		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		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	1500		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1100		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	1400		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	121.472		18-112		81	SPK: -150
13127-88-3	Phenol-d6	122.475		15-107		82	SPK: -150
4165-60-0	Nitrobenzene-d5	96.903		18-107		97	SPK: -100
321-60-8	2-Fluorobiphenyl	82.626		20-109		83	SPK: -100

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	PB161349BS	SDG No.:	BF060724
Lab Sample ID:	PB161349BS	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
BF138155.D	1	6/6/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161349

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.998		10-110		89	SPK: -150
1718-51-0	Terphenyl-d14	83.162		14-112		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	452022	6.904				
1146-65-2	Naphthalene-d8	1776515	8.192				
15067-26-2	Acenaphthene-d10	997031	9.945				
1517-22-2	Phenanthrene-d10	1694084	11.433				
1719-03-5	Chrysene-d12	904477	14.068				
1520-96-3	Perylene-d12	807662	15.545				

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	WCS-TPA	SDG No.:	BF060724
Lab Sample ID:	P2740-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138156.D	1	6/6/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161349

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	53.8	U	53.8	87.6	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.3	U	65.3	87.6	110	ug/Kg
108-95-2	Phenol	55.9	U	55.9	87.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.4	U	56.4	87.6	110	ug/Kg
95-57-8	2-Chlorophenol	56.3	U	56.3	87.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	57	U	57	87.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	58	U	58	87.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.3	U	58.3	87.6	110	ug/Kg
100-51-6	Benzyl Alcohol	55.9	U	55.9	180	220	ug/Kg
95-48-7	2-Methylphenol	54.3	U	54.3	87.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.3	U	61.3	87.6	110	ug/Kg
98-86-2	Acetophenone	58.6	U	58.6	87.6	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	53.9	53.9	ug/Kg
67-72-1	Hexachloroethane	55.9	U	55.9	87.6	110	ug/Kg
98-95-3	Nitrobenzene	61.2	U	61.2	87.6	110	ug/Kg
78-59-1	Isophorone	57	U	57	87.6	110	ug/Kg
88-75-5	2-Nitrophenol	63.7	U	63.7	87.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.8	U	62.8	87.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.8	U	57.8	87.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.9	U	50.9	87.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.5	U	57.5	87.6	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.7	U	55.7	87.6	110	ug/Kg
106-47-8	4-Chloroaniline	55.7	U	55.7	87.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	56.1	U	56.1	87.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	WCS-TPA	SDG No.:	BF060724
Lab Sample ID:	P2740-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
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
BF138156.D	1	6/6/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161349

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	52.2	U	52.2	87.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.6	U	55.6	87.6	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.1	U	48.1	87.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.9	U	49.9	87.6	110	ug/Kg
92-52-4	1,1-Biphenyl	58.9	U	58.9	87.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	56.1	U	56.1	87.6	110	ug/Kg
88-74-4	2-Nitroaniline	64	U	64	87.6	110	ug/Kg
131-11-3	Dimethylphthalate	55.1	U	55.1	87.6	110	ug/Kg
208-96-8	Acenaphthylene	58.3	U	58.3	87.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.1	U	56.1	87.6	110	ug/Kg
99-09-2	3-Nitroaniline	60.1	U	60.1	87.6	110	ug/Kg
83-32-9	Acenaphthene	54.6	U	54.6	87.6	110	ug/Kg
Total PAH	Total PAH	893	U	893	87.6	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	87.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.2	U	114.2	87.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.1	U	58.1	87.6	110	ug/Kg
84-66-2	Diethylphthalate	54	U	54	87.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.7	U	57.7	87.6	110	ug/Kg
86-73-7	Fluorene	57.6	U	57.6	87.6	110	ug/Kg
100-01-6	4-Nitroaniline	72.1	U	72.1	87.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.8	U	78.8	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55	U	55	87.6	110	ug/Kg
103-33-3	Azobenzene	53.6	U	53.6	87.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.2	U	53.2	87.6	110	ug/Kg
118-74-1	Hexachlorobenzene	57.3	U	57.3	87.6	110	ug/Kg
1912-24-9	Atrazine	61.6	U	61.6	87.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	WCS-TPA	SDG No.:	BF060724
Lab Sample ID:	P2740-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138156.D	1	6/6/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161349

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	56.6	U	56.6	87.6	110	ug/Kg
120-12-7	Anthracene	56.9	U	56.9	87.6	110	ug/Kg
86-74-8	Carbazole	54.1	U	54.1	87.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.8	U	56.8	87.6	110	ug/Kg
206-44-0	Fluoranthene	55.1	U	55.1	87.6	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.9	U	55.9	87.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	65.2	U	65.2	87.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.4	U	66.4	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.4	U	54.4	87.6	110	ug/Kg
218-01-9	Chrysene	53.6	U	53.6	87.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.3	U	61.3	87.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	74.1	U	74.1	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.6	U	54.6	87.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.7	U	55.7	87.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.7	U	62.7	87.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.6	U	52.6	87.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.7	U	54.7	87.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	87.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.5	U	58.5	87.6	110	ug/Kg
123-91-1	1,4-Dioxane	74.1	U	74.1	87.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.3	U	50.3	87.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	56.1	U	56.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	76.504		18-112		51	SPK: -150
13127-88-3	Phenol-d6	75.53		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	57.814		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	52.324		20-109		52	SPK: -100

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	WCS-TPA	SDG No.:	BF060724
Lab Sample ID:	P2740-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138156.D	1	6/6/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161349

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	77.741		10-110		52	SPK: -150
1718-51-0	Terphenyl-d14	62.919		14-112		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	395429	6.904				
1146-65-2	Naphthalene-d8	1541696	8.187				
15067-26-2	Acenaphthene-d10	880785	9.939				
1517-22-2	Phenanthrene-d10	1438682	11.428				
1719-03-5	Chrysene-d12	573575	14.063				
1520-96-3	Perylene-d12	554575	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.24	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	67.4	A			5.134	
000057-10-3	n-Hexadecanoic acid	72.5	J			11.951	
000301-02-0	9-Octadecenamide, (Z)-	110	J			13.492	

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	WCS-TPB	SDG No.:	BF060724
Lab Sample ID:	P2740-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
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
BF138157.D	1	6/6/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161349

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56	U	56	170	210	ug/Kg
110-86-1	Pyridine	51.6	U	51.6	83.9	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	62.5	U	62.5	83.9	110	ug/Kg
108-95-2	Phenol	53.5	U	53.5	83.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54	U	54	83.9	110	ug/Kg
95-57-8	2-Chlorophenol	53.9	U	53.9	83.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.6	U	54.6	83.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.5	U	55.5	83.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.8	U	55.8	83.9	110	ug/Kg
100-51-6	Benzyl Alcohol	53.6	U	53.6	170	210	ug/Kg
95-48-7	2-Methylphenol	52	U	52	83.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58.6	U	58.6	83.9	110	ug/Kg
98-86-2	Acetophenone	56.1	U	56.1	83.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.5	U	51.5	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26	U	26	51.6	51.6	ug/Kg
67-72-1	Hexachloroethane	53.6	U	53.6	83.9	110	ug/Kg
98-95-3	Nitrobenzene	58.6	U	58.6	83.9	110	ug/Kg
78-59-1	Isophorone	54.6	U	54.6	83.9	110	ug/Kg
88-75-5	2-Nitrophenol	61	U	61	83.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.1	U	60.1	83.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.4	U	55.4	83.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.7	U	48.7	83.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.1	U	55.1	83.9	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	53.3	U	53.3	83.9	110	ug/Kg
106-47-8	4-Chloroaniline	53.3	U	53.3	83.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.7	U	53.7	83.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	WCS-TPB	SDG No.:	BF060724
Lab Sample ID:	P2740-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
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
BF138157.D	1	6/6/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161349

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56	U	56	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	83.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.2	U	53.2	83.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.1	U	46.1	83.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.7	U	47.7	83.9	110	ug/Kg
92-52-4	1,1-Biphenyl	56.4	U	56.4	83.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.7	U	53.7	83.9	110	ug/Kg
88-74-4	2-Nitroaniline	61.3	U	61.3	83.9	110	ug/Kg
131-11-3	Dimethylphthalate	52.7	U	52.7	83.9	110	ug/Kg
208-96-8	Acenaphthylene	55.8	U	55.8	83.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.7	U	53.7	83.9	110	ug/Kg
99-09-2	3-Nitroaniline	57.6	U	57.6	83.9	110	ug/Kg
83-32-9	Acenaphthene	52.3	U	52.3	83.9	110	ug/Kg
Total PAH	Total PAH	855.1	U	855.1	83.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	74.8	U	74.8	170	210	ug/Kg
132-64-9	Dibenzofuran	54.5	U	54.5	83.9	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.6	U	55.6	83.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	109.3	U	109.3	83.9	220	ug/Kg
84-66-2	Diethylphthalate	51.7	U	51.7	83.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.2	U	55.2	83.9	110	ug/Kg
86-73-7	Fluorene	55.2	U	55.2	83.9	110	ug/Kg
100-01-6	4-Nitroaniline	69	U	69	83.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	75.5	U	75.5	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.6	U	52.6	83.9	110	ug/Kg
103-33-3	Azobenzene	51.4	U	51.4	83.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.9	U	50.9	83.9	110	ug/Kg
118-74-1	Hexachlorobenzene	54.8	U	54.8	83.9	110	ug/Kg
1912-24-9	Atrazine	59	U	59	83.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	WCS-TPB	SDG No.:	BF060724
Lab Sample ID:	P2740-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
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
BF138157.D	1	6/6/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161349

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.9	U	49.9	170	210	ug/Kg
85-01-8	Phenanthrene	54.2	U	54.2	83.9	110	ug/Kg
120-12-7	Anthracene	54.5	U	54.5	83.9	110	ug/Kg
86-74-8	Carbazole	51.8	U	51.8	83.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.4	U	54.4	83.9	110	ug/Kg
206-44-0	Fluoranthene	52.7	U	52.7	83.9	110	ug/Kg
92-87-5	Benzidine	110	U	110	170	210	ug/Kg
129-00-0	Pyrene	53.6	U	53.6	83.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	62.5	U	62.5	83.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63.6	U	63.6	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	52.1	U	52.1	83.9	110	ug/Kg
218-01-9	Chrysene	51.3	U	51.3	83.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58.7	U	58.7	83.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71	U	71	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	52.3	U	52.3	83.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	53.3	U	53.3	83.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	60	U	60	83.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50.4	U	50.4	83.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52.4	U	52.4	83.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51.7	U	51.7	83.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	83.9	110	ug/Kg
123-91-1	1,4-Dioxane	71	U	71	83.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.2	U	48.2	83.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	53.7	U	53.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	101.059		18-112		67	SPK: -150
13127-88-3	Phenol-d6	100.558		15-107		67	SPK: -150
4165-60-0	Nitrobenzene-d5	77.486		18-107		77	SPK: -100
321-60-8	2-Fluorobiphenyl	64.407		20-109		64	SPK: -100

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	WCS-TPB	SDG No.:	BF060724
Lab Sample ID:	P2740-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
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
BF138157.D	1	6/6/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161349

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	103.345		10-110		69	SPK: -150
1718-51-0	Terphenyl-d14	77.652		14-112		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	398665	6.904				
1146-65-2	Naphthalene-d8	1545824	8.186				
15067-26-2	Acenaphthene-d10	882601	9.939				
1517-22-2	Phenanthrene-d10	1453533	11.421				
1719-03-5	Chrysene-d12	579289	14.062				
1520-96-3	Perylene-d12	514906	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			2.257	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	84.7	A			5.14	
	unknown10.039	63.7	J			10.039	
000057-10-3	n-Hexadecanoic acid	59.1	J			11.951	
000301-02-0	9-Octadecenamide, (Z)-	220	J			13.492	
000112-88-9	1-Octadecene	94.2	J			13.939	

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	WCS-TPBMS	SDG No.:	BF060724
Lab Sample ID:	P2740-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138158.D	1	6/6/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161349

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	870		56	170	210	ug/Kg
110-86-1	Pyridine	780		51.5	83.9	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	610		62.5	83.9	110	ug/Kg
108-95-2	Phenol	940		53.5	83.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	910		54	83.9	110	ug/Kg
95-57-8	2-Chlorophenol	960		53.9	83.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	910		54.6	83.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	890		55.5	83.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	900		55.8	83.9	110	ug/Kg
100-51-6	Benzyl Alcohol	940		53.5	170	210	ug/Kg
95-48-7	2-Methylphenol	910		52	83.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	900		58.6	83.9	110	ug/Kg
98-86-2	Acetophenone	880		56.1	83.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	920		51.5	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	870		26	51.6	51.6	ug/Kg
67-72-1	Hexachloroethane	920		53.5	83.9	110	ug/Kg
98-95-3	Nitrobenzene	960		58.6	83.9	110	ug/Kg
78-59-1	Isophorone	880		54.6	83.9	110	ug/Kg
88-75-5	2-Nitrophenol	1100		61	83.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		60.1	83.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	890		55.3	83.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	970		48.7	83.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	890		55.1	83.9	110	ug/Kg
65-85-0	Benzoic acid	1000		150	170	210	ug/Kg
91-20-3	Naphthalene	890		53.3	83.9	110	ug/Kg
106-47-8	4-Chloroaniline	260		53.3	83.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	880		53.7	83.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	WCS-TPBMS	SDG No.:	BF060724
Lab Sample ID:	P2740-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
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
BF138158.D	1	6/6/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161349

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	920		56	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	940		50	83.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	900		53.2	83.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2600	E	100	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		46.1	83.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		47.7	83.9	110	ug/Kg
92-52-4	1,1-Biphenyl	930		56.4	83.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	900		53.7	83.9	110	ug/Kg
88-74-4	2-Nitroaniline	990		61.3	83.9	110	ug/Kg
131-11-3	Dimethylphthalate	930		52.7	83.9	110	ug/Kg
208-96-8	Acenaphthylene	980		55.8	83.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	970		53.7	83.9	110	ug/Kg
99-09-2	3-Nitroaniline	590		57.5	83.9	110	ug/Kg
83-32-9	Acenaphthene	970		52.3	83.9	110	ug/Kg
Total PAH	Total PAH	13810		854.9	83.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	1800	E	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	2000	E	74.8	170	210	ug/Kg
132-64-9	Dibenzofuran	930		54.4	83.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	970		109.3	83.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		55.6	83.9	110	ug/Kg
84-66-2	Diethylphthalate	930		51.7	83.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	910		55.2	83.9	110	ug/Kg
86-73-7	Fluorene	910		55.2	83.9	110	ug/Kg
100-01-6	4-Nitroaniline	1000		69	83.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		75.5	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	990		52.6	83.9	110	ug/Kg
103-33-3	Azobenzene	900		51.3	83.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	980		50.9	83.9	110	ug/Kg
118-74-1	Hexachlorobenzene	950		54.8	83.9	110	ug/Kg
1912-24-9	Atrazine	1100		59	83.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	WCS-TPBMS	SDG No.:	BF060724
Lab Sample ID:	P2740-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
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
BF138158.D	1	6/6/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161349

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1900	E	49.9	170	210	ug/Kg
85-01-8	Phenanthrene	930		54.2	83.9	110	ug/Kg
120-12-7	Anthracene	950		54.4	83.9	110	ug/Kg
86-74-8	Carbazole	840		51.8	83.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	960		54.4	83.9	110	ug/Kg
206-44-0	Fluoranthene	750		52.7	83.9	110	ug/Kg
92-87-5	Benzidine	1500		110	170	210	ug/Kg
129-00-0	Pyrene	860		53.5	83.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	1000		62.4	83.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	650		63.6	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	930		52.1	83.9	110	ug/Kg
218-01-9	Chrysene	930		51.3	83.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	930		58.7	83.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		71	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	870		52.3	83.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	900		53.3	83.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	970		60	83.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	680		50.4	83.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	660		52.4	83.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	630		51.7	83.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	940		56	83.9	110	ug/Kg
123-91-1	1,4-Dioxane	790		71	83.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		48.2	83.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	860		53.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	100.423		18-112		67	SPK: -150
13127-88-3	Phenol-d6	99.511		15-107		66	SPK: -150
4165-60-0	Nitrobenzene-d5	76.362		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	65.23		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	WCS-TPBMS	SDG No.:	BF060724
Lab Sample ID:	P2740-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138158.D	1	6/6/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161349

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	109.074		10-110		73	SPK: -150
1718-51-0	Terphenyl-d14	63.37		14-112		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	370692	6.904				
1146-65-2	Naphthalene-d8	1456750	8.192				
15067-26-2	Acenaphthene-d10	817917	9.945				
1517-22-2	Phenanthrene-d10	1366832	11.427				
1719-03-5	Chrysene-d12	674260	14.068				
1520-96-3	Perylene-d12	758484	15.551				

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	WCS-TPBMSD	SDG No.:	BF060724
Lab Sample ID:	P2740-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
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
BF138159.D	1	6/6/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161349

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	860		56	170	210	ug/Kg
110-86-1	Pyridine	770		51.6	83.9	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	590		62.5	83.9	110	ug/Kg
108-95-2	Phenol	930		53.5	83.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	890		54	83.9	110	ug/Kg
95-57-8	2-Chlorophenol	950		53.9	83.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	900		54.6	83.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	880		55.5	83.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	890		55.8	83.9	110	ug/Kg
100-51-6	Benzyl Alcohol	920		53.6	170	210	ug/Kg
95-48-7	2-Methylphenol	900		52	83.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	880		58.7	83.9	110	ug/Kg
98-86-2	Acetophenone	880		56.1	83.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	920		51.5	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	870		26	51.6	51.6	ug/Kg
67-72-1	Hexachloroethane	900		53.6	83.9	110	ug/Kg
98-95-3	Nitrobenzene	950		58.6	83.9	110	ug/Kg
78-59-1	Isophorone	870		54.6	83.9	110	ug/Kg
88-75-5	2-Nitrophenol	1100		61	83.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		60.1	83.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	900		55.4	83.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	970		48.7	83.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	890		55.1	83.9	110	ug/Kg
65-85-0	Benzoic acid	1100		150	170	210	ug/Kg
91-20-3	Naphthalene	890		53.3	83.9	110	ug/Kg
106-47-8	4-Chloroaniline	280		53.3	83.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	870		53.8	83.9	110	ug/Kg



Client:			Date Collected:	6/5/2024 12:00:00 AM	
Project:			Date Received:	6/5/2024 12:00:00 AM	
Client Sample ID:	WCS-TPBMSD		SDG No.:	BF060724	
Lab Sample ID:	P2740-05MSD		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	7.1	
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
BF138159.D	1	6/6/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161349

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	930		56	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	950		50	83.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	900		53.2	83.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2600	E	100	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		46.1	83.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	990		47.8	83.9	110	ug/Kg
92-52-4	1,1-Biphenyl	930		56.4	83.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	900		53.8	83.9	110	ug/Kg
88-74-4	2-Nitroaniline	1000		61.3	83.9	110	ug/Kg
131-11-3	Dimethylphthalate	930		52.7	83.9	110	ug/Kg
208-96-8	Acenaphthylene	980		55.8	83.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	960		53.7	83.9	110	ug/Kg
99-09-2	3-Nitroaniline	580		57.6	83.9	110	ug/Kg
83-32-9	Acenaphthene	970		52.3	83.9	110	ug/Kg
Total PAH	Total PAH	13870		855.1	83.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	1800	E	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	1900	E	74.9	170	210	ug/Kg
132-64-9	Dibenzofuran	920		54.5	83.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2060		109.3	83.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		55.6	83.9	110	ug/Kg
84-66-2	Diethylphthalate	920		51.7	83.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	920		55.2	83.9	110	ug/Kg
86-73-7	Fluorene	900		55.2	83.9	110	ug/Kg
100-01-6	4-Nitroaniline	1000		69.1	83.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		75.5	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	980		52.7	83.9	110	ug/Kg
103-33-3	Azobenzene	890		51.4	83.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	970		50.9	83.9	110	ug/Kg
118-74-1	Hexachlorobenzene	940		54.9	83.9	110	ug/Kg
1912-24-9	Atrazine	1100		59	83.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	WCS-TPBMSD	SDG No.:	BF060724
Lab Sample ID:	P2740-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
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
BF138159.D	1	6/6/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161349

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1900	E	49.9	170	210	ug/Kg
85-01-8	Phenanthrene	920		54.2	83.9	110	ug/Kg
120-12-7	Anthracene	950		54.5	83.9	110	ug/Kg
86-74-8	Carbazole	840		51.8	83.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	940		54.4	83.9	110	ug/Kg
206-44-0	Fluoranthene	750		52.7	83.9	110	ug/Kg
92-87-5	Benzidine	1600		110	170	210	ug/Kg
129-00-0	Pyrene	850		53.6	83.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	990		62.5	83.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	680		63.6	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	930		52.1	83.9	110	ug/Kg
218-01-9	Chrysene	950		51.3	83.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	920		58.7	83.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		71	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	900		52.3	83.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	920		53.3	83.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	990		60	83.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	690		50.4	83.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	660		52.4	83.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	620		51.7	83.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	930		56	83.9	110	ug/Kg
123-91-1	1,4-Dioxane	780		71	83.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		48.2	83.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	860		53.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	99.087		18-112		66	SPK: -150
13127-88-3	Phenol-d6	98.695		15-107		66	SPK: -150
4165-60-0	Nitrobenzene-d5	76.795		18-107		77	SPK: -100
321-60-8	2-Fluorobiphenyl	65.154		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	WCS-TPBMSD	SDG No.:	BF060724
Lab Sample ID:	P2740-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
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
BF138159.D	1	6/6/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161349

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	107.704		10-110		72	SPK: -150
1718-51-0	Terphenyl-d14	62.092		14-112		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	364862	6.904				
1146-65-2	Naphthalene-d8	1421915	8.186				
15067-26-2	Acenaphthene-d10	805136	9.945				
1517-22-2	Phenanthrene-d10	1342429	11.427				
1719-03-5	Chrysene-d12	673831	14.068				
1520-96-3	Perylene-d12	735271	15.545				

Report of Analysis

Client:				Date Collected:	6/3/2024 12:00:00 AM		
Project:				Date Received:	6/3/2024 12:00:00 AM		
Client Sample ID:	WCS-TPO			SDG No.:	BF060724		
Lab Sample ID:	P2704-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	13.1		
Sample Wt/Vol:	50.07	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138160.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.8	U	59.8	190	230	ug/Kg
110-86-1	Pyridine	55.1	U	55.1	89.6	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	66.8	U	66.8	89.6	120	ug/Kg
108-95-2	Phenol	57.2	U	57.2	89.6	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.7	U	57.7	89.6	120	ug/Kg
95-57-8	2-Chlorophenol	57.6	U	57.6	89.6	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.3	U	58.3	89.6	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.3	U	59.3	89.6	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59.6	U	59.6	89.6	120	ug/Kg
100-51-6	Benzyl Alcohol	57.2	U	57.2	190	230	ug/Kg
95-48-7	2-Methylphenol	55.6	U	55.6	89.6	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62.7	U	62.7	89.6	120	ug/Kg
98-86-2	Acetophenone	59.9	U	59.9	89.6	120	ug/Kg
65794-96-9	3+4-Methylphenols	55	U	55	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.8	U	27.8	55.2	55.2	ug/Kg
67-72-1	Hexachloroethane	57.2	U	57.2	89.6	120	ug/Kg
98-95-3	Nitrobenzene	62.6	U	62.6	89.6	120	ug/Kg
78-59-1	Isophorone	58.3	U	58.3	89.6	120	ug/Kg
88-75-5	2-Nitrophenol	65.2	U	65.2	89.6	120	ug/Kg
105-67-9	2,4-Dimethylphenol	64.3	U	64.3	89.6	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59.2	U	59.2	89.6	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.1	U	52.1	89.6	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.9	U	58.9	89.6	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	57	U	57	89.6	120	ug/Kg
106-47-8	4-Chloroaniline	57	U	57	89.6	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.4	U	57.4	89.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	WCS-TPO	SDG No.:	BF060724
Lab Sample ID:	P2704-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138160.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.8	U	59.8	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.4	U	53.4	89.6	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.9	U	56.9	89.6	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.2	U	49.2	89.6	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	89.6	120	ug/Kg
92-52-4	1,1-Biphenyl	60.3	U	60.3	89.6	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.4	U	57.4	89.6	120	ug/Kg
88-74-4	2-Nitroaniline	65.5	U	65.5	89.6	120	ug/Kg
131-11-3	Dimethylphthalate	56.3	U	56.3	89.6	120	ug/Kg
208-96-8	Acenaphthylene	59.6	U	59.6	89.6	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.4	U	57.4	89.6	120	ug/Kg
99-09-2	3-Nitroaniline	61.5	U	61.5	89.6	120	ug/Kg
83-32-9	Acenaphthene	55.9	U	55.9	89.6	120	ug/Kg
Total PAH	Total PAH	913.5	U	913.5	89.6	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	80	U	80	190	230	ug/Kg
132-64-9	Dibenzofuran	58.2	U	58.2	89.6	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.4	U	59.4	89.6	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	16.8	U	116.8	89.6	240	ug/Kg
84-66-2	Diethylphthalate	55.2	U	55.2	89.6	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	89.6	120	ug/Kg
86-73-7	Fluorene	59	U	59	89.6	120	ug/Kg
100-01-6	4-Nitroaniline	73.8	U	73.8	89.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80.7	U	80.7	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.3	U	56.3	89.6	120	ug/Kg
103-33-3	Azobenzene	54.9	U	54.9	89.6	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.4	U	54.4	89.6	120	ug/Kg
118-74-1	Hexachlorobenzene	58.6	U	58.6	89.6	120	ug/Kg
1912-24-9	Atrazine	63	U	63	89.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	WCS-TPO	SDG No.:	BF060724
Lab Sample ID:	P2704-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138160.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.3	U	53.3	190	230	ug/Kg
85-01-8	Phenanthrene	57.9	U	57.9	89.6	120	ug/Kg
120-12-7	Anthracene	58.2	U	58.2	89.6	120	ug/Kg
86-74-8	Carbazole	55.4	U	55.4	89.6	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.1	U	58.1	89.6	120	ug/Kg
206-44-0	Fluoranthene	56.3	U	56.3	89.6	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	57.2	U	57.2	89.6	120	ug/Kg
85-68-7	Butylbenzylphthalate	66.7	U	66.7	89.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	55.6	U	55.6	89.6	120	ug/Kg
218-01-9	Chrysene	54.8	U	54.8	89.6	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.7	U	62.7	89.6	120	ug/Kg
117-84-0	Di-n-octyl phthalate	75.8	U	75.8	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.9	U	55.9	89.6	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57	U	57	89.6	120	ug/Kg
50-32-8	Benzo(a)pyrene	64.1	U	64.1	89.6	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.8	U	53.8	89.6	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56	U	56	89.6	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55.2	U	55.2	89.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.8	U	59.8	89.6	120	ug/Kg
123-91-1	1,4-Dioxane	75.8	U	75.8	89.6	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.5	U	51.5	89.6	120	ug/Kg
90-12-0	1-Methylnaphthalene	57.4	U	57.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	108.22		18-112		72	SPK: -150
13127-88-3	Phenol-d6	109.453		15-107		73	SPK: -150
4165-60-0	Nitrobenzene-d5	84.094		18-107		84	SPK: -100
321-60-8	2-Fluorobiphenyl	75.024		20-109		75	SPK: -100

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	WCS-TPO	SDG No.:	BF060724
Lab Sample ID:	P2704-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138160.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	116.041		10-110		77	SPK: -150
1718-51-0	Terphenyl-d14	76.179		14-112		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	347352	6.904				
1146-65-2	Naphthalene-d8	1348688	8.186				
15067-26-2	Acenaphthene-d10	759593	9.939				
1517-22-2	Phenanthrene-d10	1237607	11.427				
1719-03-5	Chrysene-d12	578546	14.063				
1520-96-3	Perylene-d12	536833	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			2.228	
000057-55-6	Propylene Glycol	66	J			3.434	
000770-35-4	1-Phenoxypropan-2-ol	52.4	J			8.492	
000057-10-3	n-Hexadecanoic acid	81.8	J			11.951	
000301-02-0	9-Octadecenamide, (Z)-	320	J			13.492	
000296-56-0	Cycloeicosane	120	J			13.927	

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	WCS-TPOMS	SDG No.:	BF060724
Lab Sample ID:	P2704-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138161.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	940		59.9	190	230	ug/Kg
110-86-1	Pyridine	800		55.1	89.7	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	380		66.9	89.7	120	ug/Kg
108-95-2	Phenol	1000		57.2	89.7	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	970		57.8	89.7	120	ug/Kg
95-57-8	2-Chlorophenol	1000		57.6	89.7	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	980		58.4	89.7	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	950		59.4	89.7	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	970		59.7	89.7	120	ug/Kg
100-51-6	Benzyl Alcohol	1000		57.3	190	230	ug/Kg
95-48-7	2-Methylphenol	970		55.6	89.7	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	960		62.7	89.7	120	ug/Kg
98-86-2	Acetophenone	960		60	89.7	120	ug/Kg
65794-96-9	3+4-Methylphenols	1000		55.1	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	930		27.8	55.2	55.2	ug/Kg
67-72-1	Hexachloroethane	970		57.3	89.7	120	ug/Kg
98-95-3	Nitrobenzene	1000		62.7	89.7	120	ug/Kg
78-59-1	Isophorone	940		58.4	89.7	120	ug/Kg
88-75-5	2-Nitrophenol	1200		65.2	89.7	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		64.3	89.7	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	960		59.2	89.7	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		52.1	89.7	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	960		58.9	89.7	120	ug/Kg
65-85-0	Benzoic acid	1100		160	190	230	ug/Kg
91-20-3	Naphthalene	970		57	89.7	120	ug/Kg
106-47-8	4-Chloroaniline	130		57	89.7	120	ug/Kg
87-68-3	Hexachlorobutadiene	950		57.5	89.7	120	ug/Kg



Client:			Date Collected:	6/3/2024 12:00:00 AM	
Project:			Date Received:	6/3/2024 12:00:00 AM	
Client Sample ID:	WCS-TPOMS		SDG No.:	BF060724	
Lab Sample ID:	P2704-01MS		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	13.1	
Sample Wt/Vol:	50.02	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:	uL		Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138161.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	970		59.9	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		53.5	89.7	120	ug/Kg
91-57-6	2-Methylnaphthalene	980		56.9	89.7	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2800	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		49.3	89.7	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		51.1	89.7	120	ug/Kg
92-52-4	1,1-Biphenyl	1000		60.3	89.7	120	ug/Kg
91-58-7	2-Chloronaphthalene	980		57.5	89.7	120	ug/Kg
88-74-4	2-Nitroaniline	1000		65.6	89.7	120	ug/Kg
131-11-3	Dimethylphthalate	1000		56.4	89.7	120	ug/Kg
208-96-8	Acenaphthylene	1100		59.7	89.7	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		57.4	89.7	120	ug/Kg
99-09-2	3-Nitroaniline	340		61.6	89.7	120	ug/Kg
83-32-9	Acenaphthene	1100		56	89.7	120	ug/Kg
Total PAH	Total PAH	15020		914.7	89.7	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	2000	E	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	2000	E	80.1	190	230	ug/Kg
132-64-9	Dibenzofuran	1000		58.3	89.7	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		59.5	89.7	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2100		116.9	89.7	240	ug/Kg
84-66-2	Diethylphthalate	1000		55.3	89.7	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	990		59.1	89.7	120	ug/Kg
86-73-7	Fluorene	970		59	89.7	120	ug/Kg
100-01-6	4-Nitroaniline	1000		73.8	89.7	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		80.8	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		56.3	89.7	120	ug/Kg
103-33-3	Azobenzene	960		54.9	89.7	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		54.5	89.7	120	ug/Kg
118-74-1	Hexachlorobenzene	1000		58.7	89.7	120	ug/Kg
1912-24-9	Atrazine	990		63.1	89.7	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	WCS-TPOMS	SDG No.:	BF060724
Lab Sample ID:	P2704-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138161.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2100	E	53.4	190	230	ug/Kg
85-01-8	Phenanthrene	1000		58	89.7	120	ug/Kg
120-12-7	Anthracene	1000		58.3	89.7	120	ug/Kg
86-74-8	Carbazole	890		55.4	89.7	120	ug/Kg
84-74-2	Di-n-butylphthalate	1000		58.2	89.7	120	ug/Kg
206-44-0	Fluoranthene	820		56.4	89.7	120	ug/Kg
92-87-5	Benzidine	720		110	190	230	ug/Kg
129-00-0	Pyrene	860		57.3	89.7	120	ug/Kg
85-68-7	Butylbenzylphthalate	1000		66.8	89.7	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	750		68.1	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1000		55.7	89.7	120	ug/Kg
218-01-9	Chrysene	1000		54.9	89.7	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	960		62.8	89.7	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		75.9	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	990		56	89.7	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	990		57	89.7	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		64.2	89.7	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	730		53.9	89.7	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	710		56	89.7	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	680		55.3	89.7	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		59.9	89.7	120	ug/Kg
123-91-1	1,4-Dioxane	850		75.9	89.7	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		51.6	89.7	120	ug/Kg
90-12-0	1-Methylnaphthalene	930		57.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	101.22		18-112		67	SPK: -150
13127-88-3	Phenol-d6	101.878		15-107		68	SPK: -150
4165-60-0	Nitrobenzene-d5	78.943		18-107		79	SPK: -100
321-60-8	2-Fluorobiphenyl	73.912		20-109		74	SPK: -100

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	WCS-TPOMS	SDG No.:	BF060724
Lab Sample ID:	P2704-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138161.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	112.05		10-110		75	SPK: -150
1718-51-0	Terphenyl-d14	62.536		14-112		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	346004	6.904				
1146-65-2	Naphthalene-d8	1341577	8.186				
15067-26-2	Acenaphthene-d10	738559	9.945				
1517-22-2	Phenanthrene-d10	1177902	11.427				
1719-03-5	Chrysene-d12	644159	14.068				
1520-96-3	Perylene-d12	723285	15.545				



Client:			Date Collected:	6/3/2024 12:00:00 AM	
Project:			Date Received:	6/3/2024 12:00:00 AM	
Client Sample ID:	WCS-TPOMSD		SDG No.:	BF060724	
Lab Sample ID:	P2704-01MSD		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	13.1	
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
BF138162.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	930	U	59.9	190	230	ug/Kg
110-86-1	Pyridine	800		55.1	89.7	120	ug/Kg
100-52-7	Benzaldehyde	130		130	190	230	ug/Kg
62-53-3	Aniline	400		66.9	89.7	120	ug/Kg
108-95-2	Phenol	990		57.2	89.7	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	960		57.7	89.7	120	ug/Kg
95-57-8	2-Chlorophenol	1000		57.6	89.7	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	970		58.4	89.7	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	950		59.3	89.7	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	950		59.7	89.7	120	ug/Kg
100-51-6	Benzyl Alcohol	1000		57.3	190	230	ug/Kg
95-48-7	2-Methylphenol	970		55.6	89.7	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	950		62.7	89.7	120	ug/Kg
98-86-2	Acetophenone	960		60	89.7	120	ug/Kg
65794-96-9	3+4-Methylphenols	1000		55.1	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	930		27.8	55.2	55.2	ug/Kg
67-72-1	Hexachloroethane	970	57.3	89.7	120	ug/Kg	
98-95-3	Nitrobenzene	1000	62.6	89.7	120	ug/Kg	
78-59-1	Isophorone	940	58.4	89.7	120	ug/Kg	
88-75-5	2-Nitrophenol	1200	65.2	89.7	120	ug/Kg	
105-67-9	2,4-Dimethylphenol	1100	64.3	89.7	120	ug/Kg	
111-91-1	bis(2-Chloroethoxy)methane	960	59.2	89.7	120	ug/Kg	
120-83-2	2,4-Dichlorophenol	1100	52.1	89.7	120	ug/Kg	
120-82-1	1,2,4-Trichlorobenzene	970	58.9	89.7	120	ug/Kg	
65-85-0	Benzoic acid	1200	160	190	230	ug/Kg	
91-20-3	Naphthalene	970	57	89.7	120	ug/Kg	
106-47-8	4-Chloroaniline	130	57	89.7	120	ug/Kg	
87-68-3	Hexachlorobutadiene	950	57.5	89.7	120	ug/Kg	



Client:			Date Collected:	6/3/2024 12:00:00 AM	
Project:			Date Received:	6/3/2024 12:00:00 AM	
Client Sample ID:	WCS-TPOMSD		SDG No.:	BF060724	
Lab Sample ID:	P2704-01MSD		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	13.1	
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
BF138162.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	980		59.9	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		53.5	89.7	120	ug/Kg
91-57-6	2-Methylnaphthalene	980		56.9	89.7	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2800	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		49.3	89.7	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		51.1	89.7	120	ug/Kg
92-52-4	1,1-Biphenyl	1000		60.3	89.7	120	ug/Kg
91-58-7	2-Chloronaphthalene	970		57.5	89.7	120	ug/Kg
88-74-4	2-Nitroaniline	1000		65.5	89.7	120	ug/Kg
131-11-3	Dimethylphthalate	1000		56.4	89.7	120	ug/Kg
208-96-8	Acenaphthylene	1100		59.7	89.7	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		57.4	89.7	120	ug/Kg
99-09-2	3-Nitroaniline	380		61.5	89.7	120	ug/Kg
83-32-9	Acenaphthene	1100		56	89.7	120	ug/Kg
Total PAH	Total PAH	15080		914.5	89.7	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	2100	E	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	2000	E	80	190	230	ug/Kg
132-64-9	Dibenzofuran	990		58.2	89.7	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2100		116.9	89.7	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		59.5	89.7	120	ug/Kg
84-66-2	Diethylphthalate	990		55.3	89.7	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	980		59.1	89.7	120	ug/Kg
86-73-7	Fluorene	980		59	89.7	120	ug/Kg
100-01-6	4-Nitroaniline	1000		73.8	89.7	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		80.7	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		56.3	89.7	120	ug/Kg
103-33-3	Azobenzene	970		54.9	89.7	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		54.4	89.7	120	ug/Kg
118-74-1	Hexachlorobenzene	1000		58.6	89.7	120	ug/Kg
1912-24-9	Atrazine	990		63.1	89.7	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	WCS-TPOMSD	SDG No.:	BF060724
Lab Sample ID:	P2704-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
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
BF138162.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2200	E	53.3	190	230	ug/Kg
85-01-8	Phenanthrene	1000		58	89.7	120	ug/Kg
120-12-7	Anthracene	1000		58.2	89.7	120	ug/Kg
86-74-8	Carbazole	890		55.4	89.7	120	ug/Kg
84-74-2	Di-n-butylphthalate	1000		58.2	89.7	120	ug/Kg
206-44-0	Fluoranthene	820		56.4	89.7	120	ug/Kg
92-87-5	Benzidine	610		110	190	230	ug/Kg
129-00-0	Pyrene	890		57.3	89.7	120	ug/Kg
85-68-7	Butylbenzylphthalate	1100		66.8	89.7	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	730		68	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1000		55.7	89.7	120	ug/Kg
218-01-9	Chrysene	1000		54.8	89.7	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	990		62.8	89.7	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		75.9	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	990		56	89.7	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		57	89.7	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		64.2	89.7	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	740		53.9	89.7	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	710		56	89.7	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	680		55.3	89.7	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		59.9	89.7	120	ug/Kg
123-91-1	1,4-Dioxane	840		75.9	89.7	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		51.5	89.7	120	ug/Kg
90-12-0	1-Methylnaphthalene	930		57.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	100.373		18-112		67	SPK: -150
13127-88-3	Phenol-d6	101.764		15-107		68	SPK: -150
4165-60-0	Nitrobenzene-d5	79.965		18-107		80	SPK: -100
321-60-8	2-Fluorobiphenyl	73.236		20-109		73	SPK: -100

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	WCS-TPOMSD	SDG No.:	BF060724
Lab Sample ID:	P2704-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
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
BF138162.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	112.209		10-110		75	SPK: -150
1718-51-0	Terphenyl-d14	64.379		14-112		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	357118	6.904				
1146-65-2	Naphthalene-d8	1381869	8.186				
15067-26-2	Acenaphthene-d10	770320	9.945				
1517-22-2	Phenanthrene-d10	1249444	11.427				
1719-03-5	Chrysene-d12	653648	14.068				
1520-96-3	Perylene-d12	710985	15.545				

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	WCS-TPU	SDG No.:	BF060724
Lab Sample ID:	P2704-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138163.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.6	U	58.6	180	220	ug/Kg
110-86-1	Pyridine	53.9	U	53.9	87.7	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.4	U	65.4	87.7	110	ug/Kg
108-95-2	Phenol	55.9	U	55.9	87.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.5	U	56.5	87.7	110	ug/Kg
95-57-8	2-Chlorophenol	56.4	U	56.4	87.7	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.1	U	57.1	87.7	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	58	U	58	87.7	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.4	U	58.4	87.7	110	ug/Kg
100-51-6	Benzyl Alcohol	56	U	56	180	220	ug/Kg
95-48-7	2-Methylphenol	54.4	U	54.4	87.7	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.3	U	61.3	87.7	110	ug/Kg
98-86-2	Acetophenone	58.6	U	58.6	87.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.9	U	53.9	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.2	U	27.2	54	54	ug/Kg
67-72-1	Hexachloroethane	56	U	56	87.7	110	ug/Kg
98-95-3	Nitrobenzene	61.3	U	61.3	87.7	110	ug/Kg
78-59-1	Isophorone	57.1	U	57.1	87.7	110	ug/Kg
88-75-5	2-Nitrophenol	63.8	U	63.8	87.7	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.9	U	62.9	87.7	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.9	U	57.9	87.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	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:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	WCS-TPU	SDG No.:	BF060724
Lab Sample ID:	P2704-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138163.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.6	U	58.6	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.3	U	52.3	87.7	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.7	U	55.7	87.7	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.2	U	48.2	87.7	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.9	U	49.9	87.7	110	ug/Kg
92-52-4	1,1-Biphenyl	59	U	59	87.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	56.2	U	56.2	87.7	110	ug/Kg
88-74-4	2-Nitroaniline	64.1	U	64.1	87.7	110	ug/Kg
131-11-3	Dimethylphthalate	55.1	U	55.1	87.7	110	ug/Kg
208-96-8	Acenaphthylene	58.4	U	58.4	87.7	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.1	U	56.1	87.7	110	ug/Kg
99-09-2	3-Nitroaniline	60.2	U	60.2	87.7	110	ug/Kg
83-32-9	Acenaphthene	54.7	U	54.7	87.7	110	ug/Kg
Total PAH	Total PAH	1745.5	U	894.3	87.7	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.3	U	78.3	180	220	ug/Kg
132-64-9	Dibenzofuran	60.6	J	57	87.7	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.3	U	114.3	87.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.2	U	58.2	87.7	110	ug/Kg
84-66-2	Diethylphthalate	54.1	U	54.1	87.7	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.8	U	57.8	87.7	110	ug/Kg
86-73-7	Fluorene	68	J	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	79	U	79	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.1	U	55.1	87.7	110	ug/Kg
103-33-3	Azobenzene	53.7	U	53.7	87.7	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.2	U	53.2	87.7	110	ug/Kg
118-74-1	Hexachlorobenzene	57.4	U	57.4	87.7	110	ug/Kg
1912-24-9	Atrazine	61.7	U	61.7	87.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	WCS-TPU	SDG No.:	BF060724
Lab Sample ID:	P2704-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138163.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.2	U	52.2	180	220	ug/Kg
85-01-8	Phenanthrene	200		56.7	87.7	110	ug/Kg
120-12-7	Anthracene	130		57	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	310		55.1	87.7	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	310		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	170		54.5	87.7	110	ug/Kg
218-01-9	Chrysene	140		53.7	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	190		54.7	87.7	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.5	J	55.7	87.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	170		62.8	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	54.1	U	54.1	87.7	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.6	U	58.6	87.7	110	ug/Kg
123-91-1	1,4-Dioxane	74.2	U	74.2	87.7	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.4	U	50.4	87.7	110	ug/Kg
90-12-0	1-Methylnaphthalene	56.1	U	56.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.233		18-112		52	SPK: -150
13127-88-3	Phenol-d6	78.107		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	60.584		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	55.429		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	WCS-TPU	SDG No.:	BF060724
Lab Sample ID:	P2704-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138163.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	80.757		10-110		54	SPK: -150
1718-51-0	Terphenyl-d14	52.354		14-112		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	395832	6.904				
1146-65-2	Naphthalene-d8	1542126	8.186				
15067-26-2	Acenaphthene-d10	855671	9.939				
1517-22-2	Phenanthrene-d10	1323980	11.427				
1719-03-5	Chrysene-d12	614298	14.062				
1520-96-3	Perylene-d12	626717	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			2.228	
000832-69-9	Phenanthrene, 1-methyl-	54.7	J			11.951	
000203-64-5	4H-Cyclopenta[def]phenanthrene	66.1	J			12.039	
002381-21-7	Pyrene, 1-methyl-	45.9	J			13.192	
000243-17-4	11H-Benzo[b]fluorene	47.2	J			13.257	
000301-02-0	9-Octadecenamide, (Z)-	96.3	J			13.492	
000192-97-2	Benzo[e]pyrene	94	J			15.415	

Report of Analysis

Client:				Date Collected:	6/3/2024 12:00:00 AM		
Project:				Date Received:	6/3/2024 12:00:00 AM		
Client Sample ID:	WCS-TPN			SDG No.:	BF060724		
Lab Sample ID:	P2704-09			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	9.2		
Sample Wt/Vol:	50.08	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138164.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

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	52.7	U	52.7	85.8	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.9	U	63.9	85.8	110	ug/Kg
108-95-2	Phenol	54.7	U	54.7	85.8	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.2	U	55.2	85.8	110	ug/Kg
95-57-8	2-Chlorophenol	55.1	U	55.1	85.8	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.8	U	55.8	85.8	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.7	U	56.7	85.8	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.1	U	57.1	85.8	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	85.8	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	85.8	110	ug/Kg
98-86-2	Acetophenone	57.3	U	57.3	85.8	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.6	U	52.6	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.6	U	26.6	52.8	52.8	ug/Kg
67-72-1	Hexachloroethane	54.8	U	54.8	85.8	110	ug/Kg
98-95-3	Nitrobenzene	59.9	U	59.9	85.8	110	ug/Kg
78-59-1	Isophorone	55.8	U	55.8	85.8	110	ug/Kg
88-75-5	2-Nitrophenol	62.3	U	62.3	85.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.5	U	61.5	85.8	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.6	U	56.6	85.8	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.8	U	49.8	85.8	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.3	U	56.3	85.8	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.5	U	54.5	85.8	110	ug/Kg
106-47-8	4-Chloroaniline	54.5	U	54.5	85.8	110	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	85.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	WCS-TPN	SDG No.:	BF060724
Lab Sample ID:	P2704-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138164.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

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	51.1	U	51.1	85.8	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.4	U	54.4	85.8	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.1	U	47.1	85.8	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.8	U	48.8	85.8	110	ug/Kg
92-52-4	1,1-Biphenyl	57.7	U	57.7	85.8	110	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	85.8	110	ug/Kg
88-74-4	2-Nitroaniline	62.7	U	62.7	85.8	110	ug/Kg
131-11-3	Dimethylphthalate	53.9	U	53.9	85.8	110	ug/Kg
208-96-8	Acenaphthylene	57.1	U	57.1	85.8	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.9	U	54.9	85.8	110	ug/Kg
99-09-2	3-Nitroaniline	58.8	U	58.8	85.8	110	ug/Kg
83-32-9	Acenaphthene	53.5	U	53.5	85.8	110	ug/Kg
Total PAH	Total PAH	874.2	U	874.2	85.8	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.5	U	76.5	180	220	ug/Kg
132-64-9	Dibenzofuran	55.7	U	55.7	85.8	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.9	U	56.9	85.8	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	111.8	U	111.8	85.8	220	ug/Kg
84-66-2	Diethylphthalate	52.8	U	52.8	85.8	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.5	U	56.5	85.8	110	ug/Kg
86-73-7	Fluorene	56.4	U	56.4	85.8	110	ug/Kg
100-01-6	4-Nitroaniline	70.6	U	70.6	85.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77.2	U	77.2	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.8	U	53.8	85.8	110	ug/Kg
103-33-3	Azobenzene	52.5	U	52.5	85.8	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.1	U	52.1	85.8	110	ug/Kg
118-74-1	Hexachlorobenzene	56.1	U	56.1	85.8	110	ug/Kg
1912-24-9	Atrazine	60.3	U	60.3	85.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	WCS-TPN	SDG No.:	BF060724
Lab Sample ID:	P2704-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138164.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51	U	51	180	220	ug/Kg
85-01-8	Phenanthrene	55.4	U	55.4	85.8	110	ug/Kg
120-12-7	Anthracene	55.7	U	55.7	85.8	110	ug/Kg
86-74-8	Carbazole	53	U	53	85.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.6	U	55.6	85.8	110	ug/Kg
206-44-0	Fluoranthene	53.9	U	53.9	85.8	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	54.8	U	54.8	85.8	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.9	U	63.9	85.8	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.1	U	65.1	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.2	U	53.2	85.8	110	ug/Kg
218-01-9	Chrysene	52.4	U	52.4	85.8	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60	U	60	85.8	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.6	U	72.6	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	53.5	U	53.5	85.8	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.5	U	54.5	85.8	110	ug/Kg
50-32-8	Benzo(a)pyrene	61.4	U	61.4	85.8	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.5	U	51.5	85.8	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.6	U	53.6	85.8	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52.8	U	52.8	85.8	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.3	U	57.3	85.8	110	ug/Kg
123-91-1	1,4-Dioxane	72.6	U	72.6	85.8	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.3	U	49.3	85.8	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.9	U	54.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	87.716		18-112		58	SPK: -150
13127-88-3	Phenol-d6	87.408		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	68.28		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	62.994		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	WCS-TPN	SDG No.:	BF060724
Lab Sample ID:	P2704-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138164.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	90.852		10-110		61	SPK: -150
1718-51-0	Terphenyl-d14	61.008		14-112		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	386287	6.904				
1146-65-2	Naphthalene-d8	1487204	8.186				
15067-26-2	Acenaphthene-d10	822867	9.939				
1517-22-2	Phenanthrene-d10	1248566	11.427				
1719-03-5	Chrysene-d12	599666	14.063				
1520-96-3	Perylene-d12	507685	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.228	
000057-55-6	Propylene Glycol	46.2	J			3.434	
000057-10-3	n-Hexadecanoic acid	46.2	J			11.951	
000301-02-0	9-Octadecenamide, (Z)-	82.2	J			13.492	
018435-45-5	1-Nonadecene	64.2	J			13.933	

Report of Analysis

Client:				Date Collected:	6/3/2024 12:00:00 AM		
Project:				Date Received:	6/3/2024 12:00:00 AM		
Client Sample ID:	SW-02			SDG No.:	BF060724		
Lab Sample ID:	P2707-04			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	22		
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:				Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138165.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	420	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	230	U	230	350	420	ug/Kg
62-53-3	Aniline	120	U	120	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	350	420	ug/Kg
95-48-7	2-Methylphenol	100	U	100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	350	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51.6	U	51.6	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	96.6	U	96.6	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	300	U	300	350	420	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	SW-02	SDG No.:	BF060724
Lab Sample ID:	P2707-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22
Sample Wt/Vol:	30.05	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
BF138165.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	99.2	U	99.2	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	91.4	U	91.4	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	94.7	U	94.7	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	170	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	170	220	ug/Kg
Total PAH	Total PAH	1690	U	1690	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	350	420	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	420	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	350	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	SW-02	SDG No.:	BF060724
Lab Sample ID:	P2707-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22
Sample Wt/Vol:	30.05	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
BF138165.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	98.9	U	98.9	350	420	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	100	U	100	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	420	ug/Kg
129-00-0	Pyrene	110	U	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	420	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	170	220	ug/Kg
218-01-9	Chrysene	100	U	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	350	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	95.6	U	95.6	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.171		18-112		57	SPK: -150
13127-88-3	Phenol-d6	86.354		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	66.952		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	58.257		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	SW-02	SDG No.:	BF060724
Lab Sample ID:	P2707-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22
Sample Wt/Vol:	30.05	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
BF138165.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	90.874		10-110		61	SPK: -150
1718-51-0	Terphenyl-d14	51.324		14-112		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	385413	6.904				
1146-65-2	Naphthalene-d8	1483443	8.187				
15067-26-2	Acenaphthene-d10	828151	9.939				
1517-22-2	Phenanthrene-d10	1294185	11.422				
1719-03-5	Chrysene-d12	610285	14.063				
1520-96-3	Perylene-d12	525583	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			2.228	
000770-35-4	1-Phenoxypropan-2-ol	110	J			8.492	

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	SW-04	SDG No.:	BF060724
Lab Sample ID:	P2707-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.1
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138166.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	91.3	U	91.3	280	350	ug/Kg
110-86-1	Pyridine	84.1	U	84.1	140	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	280	350	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	87.2	U	87.2	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	88.1	U	88.1	140	180	ug/Kg
95-57-8	2-Chlorophenol	87.9	U	87.9	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	89	U	89	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	90.5	U	90.5	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	91	U	91	140	180	ug/Kg
100-51-6	Benzyl Alcohol	87.3	U	87.3	280	350	ug/Kg
95-48-7	2-Methylphenol	84.8	U	84.8	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	95.7	U	95.7	140	180	ug/Kg
98-86-2	Acetophenone	91.4	U	91.4	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	84	U	84	280	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.4	U	42.4	84.2	84.2	ug/Kg
67-72-1	Hexachloroethane	87.3	U	87.3	140	180	ug/Kg
98-95-3	Nitrobenzene	95.6	U	95.6	140	180	ug/Kg
78-59-1	Isophorone	89	U	89	140	180	ug/Kg
88-75-5	2-Nitrophenol	99.4	U	99.4	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	98.1	U	98.1	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90.3	U	90.3	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	79.5	U	79.5	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	89.9	U	89.9	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	280	350	ug/Kg
91-20-3	Naphthalene	86.9	U	86.9	140	180	ug/Kg
106-47-8	4-Chloroaniline	86.9	U	86.9	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	87.7	U	87.7	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	SW-04	SDG No.:	BF060724
Lab Sample ID:	P2707-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.1
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138166.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	91.3	U	91.3	280	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	81.6	U	81.6	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	86.8	U	86.8	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	280	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75.1	U	75.1	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77.9	U	77.9	140	180	ug/Kg
92-52-4	1,1-Biphenyl	92	U	92	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	87.7	U	87.7	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	86	U	86	140	180	ug/Kg
208-96-8	Acenaphthylene	91	U	91	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	87.6	U	87.6	140	180	ug/Kg
99-09-2	3-Nitroaniline	93.9	U	93.9	140	180	ug/Kg
83-32-9	Acenaphthene	85.3	U	85.3	140	180	ug/Kg
Total PAH	Total PAH	1394.3	U	1394.3	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	280	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	280	350	ug/Kg
132-64-9	Dibenzofuran	88.8	U	88.8	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	78.3	U	178.3	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	90.7	U	90.7	140	180	ug/Kg
84-66-2	Diethylphthalate	84.3	U	84.3	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.1	U	90.1	140	180	ug/Kg
86-73-7	Fluorene	90	U	90	140	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	280	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	85.9	U	85.9	140	180	ug/Kg
103-33-3	Azobenzene	83.8	U	83.8	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	83	U	83	140	180	ug/Kg
118-74-1	Hexachlorobenzene	89.4	U	89.4	140	180	ug/Kg
1912-24-9	Atrazine	96.2	U	96.2	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	SW-04	SDG No.:	BF060724
Lab Sample ID:	P2707-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.1
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138166.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	81.3	U	81.3	280	350	ug/Kg
85-01-8	Phenanthrene	88.4	U	88.4	140	180	ug/Kg
120-12-7	Anthracene	88.8	U	88.8	140	180	ug/Kg
86-74-8	Carbazole	84.5	U	84.5	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	88.7	U	88.7	140	180	ug/Kg
206-44-0	Fluoranthene	86	U	86	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	280	350	ug/Kg
129-00-0	Pyrene	87.3	U	87.3	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	280	350	ug/Kg
56-55-3	Benzo(a)anthracene	84.9	U	84.9	140	180	ug/Kg
218-01-9	Chrysene	83.7	U	83.7	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	95.8	U	95.8	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	280	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	85.3	U	85.3	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	86.9	U	86.9	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	97.9	U	97.9	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	82.2	U	82.2	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85.4	U	85.4	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	84.3	U	84.3	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91.3	U	91.3	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	78.6	U	78.6	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	87.6	U	87.6	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.114		18-112		51	SPK: -150
13127-88-3	Phenol-d6	77.316		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	59.177		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	56.028		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	SW-04	SDG No.:	BF060724
Lab Sample ID:	P2707-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.1
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138166.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	80.737		10-110		54	SPK: -150
1718-51-0	Terphenyl-d14	56.093		14-112		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	401462	6.904				
1146-65-2	Naphthalene-d8	1555826	8.186				
15067-26-2	Acenaphthene-d10	858258	9.939				
1517-22-2	Phenanthrene-d10	1313136	11.427				
1719-03-5	Chrysene-d12	608291	14.063				
1520-96-3	Perylene-d12	516279	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.216	
000770-35-4	1-Phenoxypropan-2-ol	73	J			8.492	
000057-10-3	n-Hexadecanoic acid	75.1	J			11.951	
000629-62-9	Pentadecane	130	J			13.916	

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	P-01	SDG No.:	BF060724
Lab Sample ID:	P2707-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138167.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	95.4	U	95.4	300	360	ug/Kg
110-86-1	Pyridine	87.8	U	87.8	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	360	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	91.1	U	91.1	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	92	U	92	140	190	ug/Kg
95-57-8	2-Chlorophenol	91.7	U	91.7	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	93	U	93	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	94.5	U	94.5	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	95	U	95	140	190	ug/Kg
100-51-6	Benzyl Alcohol	91.2	U	91.2	300	360	ug/Kg
95-48-7	2-Methylphenol	88.6	U	88.6	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	99.9	U	99.9	140	190	ug/Kg
98-86-2	Acetophenone	95.5	U	95.5	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	87.7	U	87.7	300	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.3	U	44.3	87.9	87.9	ug/Kg
67-72-1	Hexachloroethane	91.2	U	91.2	140	190	ug/Kg
98-95-3	Nitrobenzene	99.8	U	99.8	140	190	ug/Kg
78-59-1	Isophorone	93	U	93	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	94.3	U	94.3	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	83	U	83	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	93.8	U	93.8	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	360	ug/Kg
91-20-3	Naphthalene	90.8	U	90.8	140	190	ug/Kg
106-47-8	4-Chloroaniline	90.8	U	90.8	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	91.5	U	91.5	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	P-01	SDG No.:	BF060724
Lab Sample ID:	P2707-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138167.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	95.4	U	95.4	300	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	85.2	U	85.2	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	90.6	U	90.6	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	78.5	U	78.5	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	81.3	U	81.3	140	190	ug/Kg
92-52-4	1,1-Biphenyl	96	U	96	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	91.5	U	91.5	140	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	190	ug/Kg
131-11-3	Dimethylphthalate	89.8	U	89.8	140	190	ug/Kg
208-96-8	Acenaphthylene	95	U	95	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	91.4	U	91.4	140	190	ug/Kg
99-09-2	3-Nitroaniline	98	U	98	140	190	ug/Kg
83-32-9	Acenaphthene	89.1	U	89.1	140	190	ug/Kg
Total PAH	Total PAH	1453.8	U	1453.8	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	360	ug/Kg
132-64-9	Dibenzofuran	92.7	U	92.7	140	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	94.7	U	94.7	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	86.1	U	186.1	140	380	ug/Kg
84-66-2	Diethylphthalate	88	U	88	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	94.1	U	94.1	140	190	ug/Kg
86-73-7	Fluorene	93.9	U	93.9	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	89.7	U	89.7	140	190	ug/Kg
103-33-3	Azobenzene	87.5	U	87.5	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	86.7	U	86.7	140	190	ug/Kg
118-74-1	Hexachlorobenzene	93.4	U	93.4	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	P-01	SDG No.:	BF060724
Lab Sample ID:	P2707-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138167.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	84.9	U	84.9	300	360	ug/Kg
85-01-8	Phenanthrene	92.3	U	92.3	140	190	ug/Kg
120-12-7	Anthracene	92.7	U	92.7	140	190	ug/Kg
86-74-8	Carbazole	88.2	U	88.2	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	92.6	U	92.6	140	190	ug/Kg
206-44-0	Fluoranthene	89.8	U	89.8	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	360	ug/Kg
129-00-0	Pyrene	91.2	U	91.2	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	360	ug/Kg
56-55-3	Benzo(a)anthracene	88.7	U	88.7	140	190	ug/Kg
218-01-9	Chrysene	87.4	U	87.4	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	89.1	U	89.1	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	90.8	U	90.8	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	85.8	U	85.8	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	89.2	U	89.2	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	88	U	88	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	95.4	U	95.4	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.1	U	82.1	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	91.4	U	91.4	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.181		18-112		56	SPK: -150
13127-88-3	Phenol-d6	84.462		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	63.745		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	56.498		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	P-01	SDG No.:	BF060724
Lab Sample ID:	P2707-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138167.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	85.174		10-110		57	SPK: -150
1718-51-0	Terphenyl-d14	50.96		14-112		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	387983	6.904				
1146-65-2	Naphthalene-d8	1503855	8.186				
15067-26-2	Acenaphthene-d10	835528	9.939				
1517-22-2	Phenanthrene-d10	1275007	11.421				
1719-03-5	Chrysene-d12	637161	14.062				
1520-96-3	Perylene-d12	516937	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			2.222	
000629-78-7	Heptadecane	96.7	J			13.915	

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	CHA-1	SDG No.:	BF060724
Lab Sample ID:	P2707-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138168.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

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	92.6	U	92.6	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	96.1	U	96.1	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	97	U	97	150	200	ug/Kg
95-57-8	2-Chlorophenol	96.8	U	96.8	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	98.1	U	98.1	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	99.7	U	99.7	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	96.2	U	96.2	310	380	ug/Kg
95-48-7	2-Methylphenol	93.4	U	93.4	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	92.5	U	92.5	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46.7	U	46.7	92.7	92.7	ug/Kg
67-72-1	Hexachloroethane	96.2	U	96.2	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	98.1	U	98.1	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	99.5	U	99.5	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	87.5	U	87.5	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	99	U	99	150	200	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	380	ug/Kg
91-20-3	Naphthalene	95.8	U	95.8	150	200	ug/Kg
106-47-8	4-Chloroaniline	95.8	U	95.8	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	96.6	U	96.6	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	CHA-1	SDG No.:	BF060724
Lab Sample ID:	P2707-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138168.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

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	89.8	U	89.8	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	95.6	U	95.6	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	82.8	U	82.8	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	85.8	U	85.8	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	96.6	U	96.6	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	94.7	U	94.7	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	96.5	U	96.5	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	94	U	94	150	200	ug/Kg
Total PAH	Total PAH	1538.1	U	1538.1	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	97.8	U	97.8	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	96.4	U	196.4	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.9	U	99.9	150	200	ug/Kg
84-66-2	Diethylphthalate	92.9	U	92.9	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99.2	U	99.2	150	200	ug/Kg
86-73-7	Fluorene	99.1	U	99.1	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	94.6	U	94.6	150	200	ug/Kg
103-33-3	Azobenzene	92.3	U	92.3	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	91.5	U	91.5	150	200	ug/Kg
118-74-1	Hexachlorobenzene	98.5	U	98.5	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:				Date Collected:	6/3/2024 12:00:00 AM		
Project:				Date Received:	6/3/2024 12:00:00 AM		
Client Sample ID:	CHA-1			SDG No.:	BF060724		
Lab Sample ID:	P2707-08			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	14		
Sample Wt/Vol:	30.09	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:				Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138168.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	89.6	U	89.6	310	380	ug/Kg
85-01-8	Phenanthrene	97.4	U	97.4	150	200	ug/Kg
120-12-7	Anthracene	97.8	U	97.8	150	200	ug/Kg
86-74-8	Carbazole	93.1	U	93.1	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	97.7	U	97.7	150	200	ug/Kg
206-44-0	Fluoranthene	94.7	U	94.7	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	96.2	U	96.2	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	93.6	U	93.6	150	200	ug/Kg
218-01-9	Chrysene	92.2	U	92.2	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	96.6	J	94	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	95.8	U	95.8	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	90.5	U	90.5	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	94.1	U	94.1	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	92.9	U	92.9	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	86.6	U	86.6	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	96.5	U	96.5	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.458		18-112		53	SPK: -150
13127-88-3	Phenol-d6	79.738		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	59.735		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	54.047		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	CHA-1	SDG No.:	BF060724
Lab Sample ID:	P2707-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138168.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	81.169		10-110		54	SPK: -150
1718-51-0	Terphenyl-d14	50.869		14-112		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	384148	6.904				
1146-65-2	Naphthalene-d8	1493114	8.186				
15067-26-2	Acenaphthene-d10	826350	9.939				
1517-22-2	Phenanthrene-d10	1233980	11.422				
1719-03-5	Chrysene-d12	617925	14.063				
1520-96-3	Perylene-d12	534148	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			2.222	

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	MH-SLUDGE	SDG No.:	BF060724
Lab Sample ID:	P2763-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138169.D	1	6/7/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161394

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:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	MH-SLUDGE	SDG No.:	BF060724
Lab Sample ID:	P2763-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138169.D	1	6/7/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161394

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

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	MH-SLUDGE	SDG No.:	BF060724
Lab Sample ID:	P2763-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138169.D	1	6/7/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161394

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	140		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	117.073		10-139		78	SPK: -150
13127-88-3	Phenol-d6	104.01		10-134		69	SPK: -150
4165-60-0	Nitrobenzene-d5	99.346		49-133		99	SPK: -100
321-60-8	2-Fluorobiphenyl	84.619		52-132		85	SPK: -100

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	MH-SLUDGE	SDG No.:	BF060724
Lab Sample ID:	P2763-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138169.D	1	6/7/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161394

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	129.88		32-145		87	SPK: -150
1718-51-0	Terphenyl-d14	89.924		36-145		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	409359	6.904				
1146-65-2	Naphthalene-d8	1567689	8.187				
15067-26-2	Acenaphthene-d10	883052	9.939				
1517-22-2	Phenanthrene-d10	1353428	11.422				
1719-03-5	Chrysene-d12	619695	14.063				
1520-96-3	Perylene-d12	476406	15.539				

Hit Summary Sheet SW-846

SDG No.: BF060724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WCS-TPO								
P2704-01	WCS-TPO	Solid	1-Phenoxypropan-2-ol	*	52.400	J		
P2704-01	WCS-TPO	Solid	9-Octadecenamide, (Z)-	*	320.000	J		
P2704-01	WCS-TPO	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J		
P2704-01	WCS-TPO	Solid	Cycloeicosane	*	120.000	J		
P2704-01	WCS-TPO	Solid	n-Hexadecanoic acid	*	81.800	J		
P2704-01	WCS-TPO	Solid	Propylene Glycol	*	66.000	J		
Total Tics :					2,040.20			
Total Concentration:					2,040.20			
Client ID : WCS-TPU								
P2704-05	WCS-TPU	Solid	11H-Benzo[b]fluorene	*	47.200	J		
P2704-05	WCS-TPU	Solid	4H-Cyclopenta[def]phenanthrene	*	66.100	J		
P2704-05	WCS-TPU	Solid	9-Octadecenamide, (Z)-	*	96.300	J		
P2704-05	WCS-TPU	Solid	Benzo[e]pyrene	*	94.000	J		
P2704-05	WCS-TPU	Solid	Butane, 2-methoxy-2-methyl-	*	1,000.000	J		
P2704-05	WCS-TPU	Solid	Phenanthrene, 1-methyl-	*	54.700	J		
P2704-05	WCS-TPU	Solid	Pyrene, 1-methyl-	*	45.900	J		
Total Tics :					1,404.20			
P2704-05	WCS-TPU	Solid	Anthracene		130.000	57	110	ug/Kg
P2704-05	WCS-TPU	Solid	Benzo(a)anthracene		170.000	54.5	110	ug/Kg
P2704-05	WCS-TPU	Solid	Benzo(a)pyrene		170.000	62.8	110	ug/Kg
P2704-05	WCS-TPU	Solid	Benzo(b)fluoranthene		190.000	54.7	110	ug/Kg
P2704-05	WCS-TPU	Solid	Benzo(k)fluoranthene		57.500	J 55.7	110	ug/Kg
P2704-05	WCS-TPU	Solid	Chrysene		140.000	53.7	110	ug/Kg
P2704-05	WCS-TPU	Solid	Dibenzofuran		60.600	J 57	110	ug/Kg
P2704-05	WCS-TPU	Solid	Fluoranthene		310.000	55.1	110	ug/Kg
P2704-05	WCS-TPU	Solid	Fluorene		68.000	J 57.7	110	ug/Kg
P2704-05	WCS-TPU	Solid	Phenanthrene		200.000	56.7	110	ug/Kg
P2704-05	WCS-TPU	Solid	Pyrene		310.000	56	110	ug/Kg
Total Svoc :					1,806.10			
Total Concentration:					3,210.30			
Client ID : WCS-TPN								
P2704-09	WCS-TPN	Solid	1-Nonadecene	*	64.200	J		
P2704-09	WCS-TPN	Solid	9-Octadecenamide, (Z)-	*	82.200	J		
P2704-09	WCS-TPN	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P2704-09	WCS-TPN	Solid	n-Hexadecanoic acid	*	46.200	J		
P2704-09	WCS-TPN	Solid	Propylene Glycol	*	46.200	J		
Total Tics :					1,338.80			

Hit Summary Sheet SW-846

SDG No.: BF060724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:					1,338.80			
Client ID : SW-02								
P2707-04	SW-02	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P2707-04	SW-02	Solid	Butane, 2-methoxy-2-methyl-	*	1,700.000	J		
Total Tics :					1,810.00			
Total Concentration:					1,810.00			
Client ID : SW-04								
P2707-06	SW-04	Solid	1-Phenoxypropan-2-ol	*	73.000	J		
P2707-06	SW-04	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J		
P2707-06	SW-04	Solid	n-Hexadecanoic acid	*	75.100	J		
P2707-06	SW-04	Solid	Pentadecane	*	130.000	J		
Total Tics :					1,478.10			
Total Concentration:					1,478.10			
Client ID : P-01								
P2707-07	P-01	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J		
P2707-07	P-01	Solid	Heptadecane	*	96.700	J		
Total Tics :					1,496.70			
Total Concentration:					1,496.70			
Client ID : CHA-1								
P2707-08	CHA-1	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J		
Total Tics :					1,400.00			
P2707-08	CHA-1	Solid	Benzo(b)fluoranthene		96.600	J	94	200 ug/Kg
Total Svoc :					96.60			
Total Concentration:					1,496.60			
Client ID : WCS-TPA								
P2740-01	WCS-TPA	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	67.400	A		
P2740-01	WCS-TPA	Solid	9-Octadecenamide, (Z)-	*	110.000	J		
P2740-01	WCS-TPA	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J		
P2740-01	WCS-TPA	Solid	n-Hexadecanoic acid	*	72.500	J		
Total Tics :					1,449.90			
Total Concentration:					1,449.90			
Client ID : WCS-TPB								
P2740-05	WCS-TPB	Solid	1-Octadecene	*	94.200	J		
P2740-05	WCS-TPB	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	84.700	A		
P2740-05	WCS-TPB	Solid	9-Octadecenamide, (Z)-	*	220.000	J		
P2740-05	WCS-TPB	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J		
P2740-05	WCS-TPB	Solid	n-Hexadecanoic acid	*	59.100	J		
P2740-05	WCS-TPB	Solid	unknown10.039	*	63.700	J		



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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: BF060724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				1,921.70				
Total Concentration:				1,921.70				
Client ID :	MH-SLUDGE							
P2763-02	MH-SLUDGE	water	Benzidine	140.000	40.7		100	ug/L
Total Svoc :				140.00				
Total Concentration:				140.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF060524 SAS No.: BF060524 SDG No.: BF060524
Instrument ID: _____ Calibration Date(s): 6/5/2024 1: _____
Calibration Time(s): 11:15 _____

LAB FILE ID:		RRF2.5 = BF138117.D			RRF005 = BF138118.D		RRF010 = BF138119.D	
		RRF020 = BF138120.D			RRF040 = BF138121.D		RRF050 = BF138122.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.673	0.662	0.683	0.646	0.627	0.647	4.3
Pyridine		1.358	1.336	1.388	1.306	1.273	1.318	3.6
2-Fluorophenol		1.267	1.240	1.270	1.161	1.108	1.174	7.8
Benzaldehyde			1.040	0.956	0.767	0.676	0.791	21.2
Aniline		1.584	1.523	1.567	1.499	1.474	1.505	4.2
Phenol-d6		1.616	1.559	1.595	1.470	1.416	1.485	7.6
Phenol		1.638	1.577	1.626	1.517	1.469	1.525	6.5
bis(2-Chloroethyl)ether		1.340	1.287	1.289	1.213	1.163	1.223	7.1
2-Chlorophenol		1.352	1.298	1.361	1.269	1.233	1.270	6.4
1,2-Dichlorobenzene		1.545	1.473	1.497	1.371	1.293	1.375	10.5
1,3-Dichlorobenzene		1.603	1.525	1.560	1.447	1.377	1.455	8.1
1,4-Dichlorobenzene		1.626	1.555	1.569	1.451	1.383	1.465	8.7
Benzyl Alcohol		1.119	1.084	1.128	1.062	1.023	1.051	7.4
2-Methylphenol		1.083	1.038	1.071	1.015	1.001	1.028	3.9
2,2-oxybis(1-Chloropropane)		1.983	1.862	1.917	1.774	1.710	1.795	7.5
Acetophenone		0.530	0.500	0.504	0.456	0.426	0.460	11.6
3+4-Methylphenols		1.413	1.355	1.409	1.298	1.214	1.279	10.5
n-Nitroso-di-n-propylamine	0.959	1.041	0.993	1.006	0.925	0.895	0.947	6.8
Nitrobenzene-d5		0.219	0.251	0.304	0.315	0.320	0.294	14.4
Hexachloroethane		0.508	0.499	0.527	0.502	0.496	0.500	4.0
Nitrobenzene		0.263	0.292	0.338	0.335	0.336	0.320	9.6
Isophorone		0.703	0.658	0.678	0.637	0.617	0.648	5.2
2-Nitrophenol		0.047	0.058	0.086	0.116	0.140	0.108	41.9
2,4-Dimethylphenol		0.223	0.220	0.232	0.226	0.224	0.225	2.1
bis(2-Chloroethoxy)methane		0.426	0.405	0.421	0.391	0.378	0.394	6.5
2,4-Dichlorophenol		0.251	0.260	0.285	0.280	0.272	0.271	4.6
1,2,4-Trichlorobenzene		0.348	0.340	0.351	0.325	0.311	0.327	6.5
Benzoic acid			0.056	0.097	0.137	0.179	0.148	42.5
Naphthalene		1.127	1.063	1.072	0.957	0.883	0.967	13.2
4-Chloroaniline		0.400	0.375	0.390	0.357	0.346	0.364	7.1
Hexachlorobutadiene		0.207	0.200	0.205	0.193	0.183	0.192	6.9
Caprolactam		0.086	0.085	0.093	0.091	0.089	0.091	4.5
4-Chloro-3-methylphenol		0.275	0.271	0.293	0.281	0.274	0.278	3.5
2-Methylnaphthalene		0.743	0.708	0.715	0.647	0.606	0.652	11.7
Hexachlorocyclopentadiene		0.143	0.160	0.189	0.199	0.206	0.186	13.7
2,4,6-Trichlorophenol		0.291	0.308	0.355	0.359	0.363	0.343	8.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF060524 SAS No.: BF060524 SDG No.: BF060524
Instrument ID: _____ Calibration Date(s): 6/5/2024 1: _____
Calibration Time(s): 11:15 _____

LAB FILE ID:		RRF2.5 = BF138117.D			RRF005 = BF138118.D		RRF010 = BF138119.D	
		RRF020 = BF138120.D			RRF040 = BF138121.D		RRF050 = BF138122.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl			1.444	1.380	1.124	1.033	1.144	19.7
2,4,5-Trichlorophenol		0.327	0.357	0.393	0.394	0.390	0.378	7.3
1,1-Biphenyl		1.603	1.556	1.566	1.389	1.296	1.405	12.8
2-Chloronaphthalene		1.245	1.199	1.216	1.115	1.050	1.120	9.6
2-Nitroaniline		0.114	0.150	0.215	0.258	0.280	0.229	31.5
Dimethylphthalate		1.389	1.329	1.359	1.247	1.167	1.257	8.7
Acenaphthylene		1.769	1.697	1.742	1.576	1.485	1.584	10.4
2,6-Dinitrotoluene		0.131	0.176	0.240	0.262	0.272	0.235	25.1
3-Nitroaniline		0.149	0.185	0.247	0.263	0.272	0.240	21.9
Acenaphthene		1.175	1.145	1.170	1.057	1.016	1.071	9.2
2,4-Dinitrophenol		0.019	0.025	0.038	0.058	0.080	0.060	56.8
4-Nitrophenol			0.125	0.180	0.202	0.206	0.191	18.6
Dibenzofuran		1.726	1.663	1.664	1.508	1.394	1.514	12.0
2,4-Dinitrotoluene		0.133	0.179	0.268	0.315	0.329	0.272	31.2
Diethylphthalate		1.363	1.324	1.348	1.238	1.135	1.227	10.7
4-Chlorophenyl-phenylether		0.713	0.686	0.689	0.607	0.556	0.611	14.6
Fluorene		1.422	1.371	1.377	1.205	1.068	1.203	16.5
4-Nitroaniline		0.156	0.194	0.248	0.264	0.255	0.235	18.6
4,6-Dinitro-2-methylphenol			0.024	0.040	0.061	0.077	0.063	42.8
n-Nitrosodiphenylamine		0.653	0.626	0.629	0.595	0.575	0.597	7.0
Azobenzene		1.332	1.285	1.298	1.183	1.085	1.182	11.3
2,4,6-Tribromophenol		0.167	0.185	0.210	0.209	0.196	0.192	8.7
4-Bromophenyl-phenylether		0.237	0.231	0.236	0.228	0.225	0.228	3.5
Hexachlorobenzene		0.285	0.273	0.276	0.261	0.258	0.265	5.3
Atrazine		0.207	0.205	0.202	0.191	0.184	0.192	6.8
Pentachlorophenol		0.094	0.113	0.142	0.156	0.161	0.142	19.7
Phenanthrene		1.114	1.071	1.059	0.956	0.889	0.963	12.8
Anthracene		1.095	1.058	1.060	0.945	0.887	0.960	12.0
Carbazole		0.987	0.963	0.966	0.869	0.817	0.878	11.1
Di-n-butylphthalate		1.165	1.158	1.167	1.035	0.935	1.032	13.3
Fluoranthene		1.206	1.194	1.190	1.032	0.934	1.039	15.9
Benzidine		0.089	0.136	0.265	0.278	0.241	0.206	51.0
Pyrene		1.761	1.691	1.828	1.830	1.859	1.809	4.6
Terphenyl-d14		1.464	1.413	1.439	1.296	1.266	1.337	8.1
Butylbenzylphthalate		0.416	0.482	0.602	0.652	0.666	0.597	18.0
3,3-Dichlorobenzidine		0.303	0.312	0.339	0.322	0.315	0.320	5.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF060524 SAS No.: BF060524 SDG No.: BF060524
Instrument ID: _____ Calibration Date(s): 6/5/2024 1: _____
Calibration Time(s): 11:15 _____

LAB FILE ID:		RRF2.5 = BF138117.D			RRF005 = BF138118.D		RRF010 = BF138119.D	
		RRF020 = BF138120.D			RRF040 = BF138121.D		RRF050 = BF138122.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.369	1.332	1.366	1.240	1.190	1.262	7.8
Chrysene		1.252	1.251	1.273	1.223	1.142	1.211	4.6
Bis(2-ethylhexyl)phthalate		0.790	0.843	0.932	0.916	0.889	0.870	6.1
Di-n-octyl phthalate		1.017	1.125	1.257	1.235	1.250	1.198	7.8
Benzo(b)fluoranthene		1.331	1.357	1.375	1.214	1.167	1.257	7.7
Benzo(k)fluoranthene		1.255	1.285	1.344	1.190	1.165	1.199	8.5
Benzo(a)pyrene		0.930	0.930	0.976	0.972	0.940	0.952	2.4
Indeno(1,2,3-cd)pyrene		0.579	0.679	0.909	1.076	1.058	0.940	24.4
Dibenzo(a,h)anthracene		0.455	0.531	0.723	0.860	0.842	0.748	25.1
Benzo(g,h,i)perylene		0.471	0.562	0.773	0.917	0.890	0.785	25.0
1,2,4,5-Tetrachlorobenzene		0.599	0.584	0.610	0.568	0.542	0.565	6.7
1,4-Dioxane		0.579	0.551	0.564	0.527	0.512	0.538	5.2
2,3,4,6-Tetrachlorophenol		0.252	0.273	0.310	0.320	0.313	0.298	8.9
1-Methylnaphthalene		0.730	0.692	0.701	0.639	0.589	0.639	11.8

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.: BF060724 SAS No.: BF060724 SDG NO.: BF060724

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

Lab File ID: BF138121.D Time Analyzed: 10:05

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	428297	6.91	1.63531e+01	8.19	922358	9.95
	UPPER LIMIT	856594	7.41	3270620	8.692	1844716	10.445
	LOWER LIMIT	214148.5	6.41	817655	7.692	461179	9.445
	EPA SAMPLE NO.						
01	PB161296TB	409059	6.90	1.5867e+	8.19	900731	9.94
02	PB161334BS	431223	6.91	1.71957e	8.19	972684	9.95
03	PB161349BL	364351	6.90	1.41343e	8.19	816914	9.94
04	PB161307BL	371866	6.90	1.44194e	8.19	830420	9.94
05	PB161334BSD	429932	6.90	1.69802e	8.19	951968	9.95
06	PB161349BS	452022	6.90	1.77652e	8.19	997031	9.95
07	WCS-TPA	395429	6.90	1.5417e+	8.19	880785	9.94
08	WCS-TPB	398665	6.90	1.54582e	8.19	882601	9.94
09	WCS-TPBMS	370692	6.90	1.45675e	8.19	817917	9.95
10	WCS-TPBMSD	364862	6.90	1.42192e	8.19	805136	9.95
11	WCS-TPO	347352	6.90	1.34869e	8.19	759593	9.94
12	WCS-TPOMS	346004	6.90	1.34158e	8.19	738559	9.95
13	WCS-TPOMSD	357118	6.90	1.38187e	8.19	770320	9.95
14	WCS-TPU	395832	6.90	1.54213e	8.19	855671	9.94
15	WCS-TPN	386287	6.90	1.4872e+	8.19	822867	9.94
16	SW-02	385413	6.90	1.48344e	8.19	828151	9.94
17	SW-04	401462	6.90	1.55583e	8.19	858258	9.94
18	P-01	387983	6.90	1.50386e	8.19	835528	9.94
19	CHA-1	384148	6.90	1.49311e	8.19	826350	9.94
20	MH-SLUDGE	409359	6.90	1.56769e	8.19	883052	9.94



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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF060724 SAS No.: BF060724 SDG NO.: BF060724

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

Lab File ID: BF138121.D Time Analyzed: 19:34

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	428297	6.91	1.63531e+01	8.19	922358	9.95
UPPER LIMIT	856594	7.41	3270620	8.692	1844716	10.445
LOWER LIMIT	214148.5	6.41	817655	7.692	461179	9.445
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.: BF060724 SAS No.: BF060724 SDG NO.: BF060724

EPA Sample No.: SSTDCCC040

Date Analyzed: Jun 7 2024 12:00AM

Lab File ID: BF138149.D

Time Analyzed: 10:05

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	394257	6.91	1.48418e+01	8.19	827485	9.95
	UPPER LIMIT	788514	7.41	2968360	8.692	1654970	10.445
	LOWER LIMIT	197128.5	6.41	742090	7.692	413742.5	9.445
	EPA SAMPLE NO.						
01	PB161296TB	409059	6.90	1.5867e+	8.19	900731	9.94
02	PB161334BS	431223	6.91	1.71957e	8.19	972684	9.95
03	PB161349BL	364351	6.90	1.41343e	8.19	816914	9.94
04	PB161307BL	371866	6.90	1.44194e	8.19	830420	9.94
05	PB161334BSD	429932	6.90	1.69802e	8.19	951968	9.95
06	PB161349BS	452022	6.90	1.77652e	8.19	997031	9.95
07	WCS-TPA	395429	6.90	1.5417e+	8.19	880785	9.94
08	WCS-TPB	398665	6.90	1.54582e	8.19	882601	9.94
09	WCS-TPBMS	370692	6.90	1.45675e	8.19	817917	9.95
10	WCS-TPBMSD	364862	6.90	1.42192e	8.19	805136	9.95
11	WCS-TPO	347352	6.90	1.34869e	8.19	759593	9.94
12	WCS-TPOMS	346004	6.90	1.34158e	8.19	738559	9.95
13	WCS-TPOMSD	357118	6.90	1.38187e	8.19	770320	9.95
14	WCS-TPU	395832	6.90	1.54213e	8.19	855671	9.94
15	WCS-TPN	386287	6.90	1.4872e+	8.19	822867	9.94
16	SW-02	385413	6.90	1.48344e	8.19	828151	9.94
17	SW-04	401462	6.90	1.55583e	8.19	858258	9.94
18	P-01	387983	6.90	1.50386e	8.19	835528	9.94
19	CHA-1	384148	6.90	1.49311e	8.19	826350	9.94
20	MH-SLUDGE	409359	6.90	1.56769e	8.19	883052	9.94



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF060724 SAS No.: BF060724 SDG NO.: BF060724

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

Lab File ID: BF138149.D Time Analyzed: 19:34

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	394257	6.91	1.48418e+01	8.19	827485	9.95
UPPER LIMIT	788514	7.41	2968360	8.692	1654970	10.445
LOWER LIMIT	197128.5	6.41	742090	7.692	413742.5	9.445
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.: BF060724 SAS No.: BF060724 SDG NO.: BF060724

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

Lab File ID: BF138121.D Time Analyzed: 10:05

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	1.65019e+04	11.433	942910	14.068	707214	15.545
	UPPER LIMIT	3300380	11.933	1885820	14.568	1414428	16.045
	LOWER LIMIT	825095	10.933	471455	13.568	353607	15.045
	EPA SAMPLE NO.						
01	PB161296TB	1.69024	11.43	1.09542e+	14.06	720572	15.55
02	PB161334BS	1.69329	11.43	914486	14.07	813503	15.55
03	PB161349BL	1.52643	11.43	973800	14.06	627210	15.55
04	PB161307BL	1.54468	11.43	970466	14.06	610757	15.55
05	PB161334BSD	1.61049	11.43	852116	14.07	787446	15.55
06	PB161349BS	1.69408	11.43	904477	14.07	807662	15.55
07	WCS-TPA	1.43868	11.43	573575	14.06	554575	15.54
08	WCS-TPB	1.45353	11.42	579289	14.06	514906	15.55
09	WCS-TPBMS	1.36683	11.43	674260	14.07	758484	15.55
10	WCS-TPBMSD	1.34243	11.43	673831	14.07	735271	15.55
11	WCS-TPO	1.23761	11.43	578546	14.06	536833	15.55
12	WCS-TPOMS	1.1779e	11.43	644159	14.07	723285	15.55
13	WCS-TPOMSD	1.24944	11.43	653648	14.07	710985	15.55
14	WCS-TPU	1.32398	11.43	614298	14.06	626717	15.55
15	WCS-TPN	1.24857	11.43	599666	14.06	507685	15.54
16	SW-02	1.29419	11.42	610285	14.06	525583	15.54
17	SW-04	1.31314	11.43	608291	14.06	516279	15.55
18	P-01	1.27501	11.42	637161	14.06	516937	15.55
19	CHA-1	1.23398	11.42	617925	14.06	534148	15.55
20	MH-SLUDGE	1.35343	11.42	619695	14.06	476406	15.54

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF060724 SAS No.: BF060724 SDG NO.: BF060724

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

Lab File ID: BF138121.D Time Analyzed: 19:34

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	1.65019e+04	11.433	942910	14.068	707214	15.545
UPPER LIMIT	3300380	11.933	1885820	14.568	1414428	16.045
LOWER LIMIT	825095	10.933	471455	13.568	353607	15.045
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.: BF060724 SAS No.: BF060724 SDG NO.: BF060724

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

Lab File ID: BF138149.D Time Analyzed: 10:05

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	1.46014e+0	11.427	794161	14.068	775323	15.545
	UPPER LIMIT	2920280	11.927	1588322	14.568	1550646	16.045
	LOWER LIMIT	730070	10.927	397080.5	13.568	387661.5	15.045
	EPA SAMPLE NO.						
01	PB161296TB	1.69024	11.43	1.09542e+	14.06	720572	15.55
02	PB161334BS	1.69329	11.43	914486	14.07	813503	15.55
03	PB161349BL	1.52643	11.43	973800	14.06	627210	15.55
04	PB161307BL	1.54468	11.43	970466	14.06	610757	15.55
05	PB161334BSD	1.61049	11.43	852116	14.07	787446	15.55
06	PB161349BS	1.69408	11.43	904477	14.07	807662	15.55
07	WCS-TPA	1.43868	11.43	573575	14.06	554575	15.54
08	WCS-TPB	1.45353	11.42	579289	14.06	514906	15.55
09	WCS-TPBMS	1.36683	11.43	674260	14.07	758484	15.55
10	WCS-TPBMSD	1.34243	11.43	673831	14.07	735271	15.55
11	WCS-TPO	1.23761	11.43	578546	14.06	536833	15.55
12	WCS-TPOMS	1.1779e	11.43	644159	14.07	723285	15.55
13	WCS-TPOMSD	1.24944	11.43	653648	14.07	710985	15.55
14	WCS-TPU	1.32398	11.43	614298	14.06	626717	15.55
15	WCS-TPN	1.24857	11.43	599666	14.06	507685	15.54
16	SW-02	1.29419	11.42	610285	14.06	525583	15.54
17	SW-04	1.31314	11.43	608291	14.06	516279	15.55
18	P-01	1.27501	11.42	637161	14.06	516937	15.55
19	CHA-1	1.23398	11.42	617925	14.06	534148	15.55
20	MH-SLUDGE	1.35343	11.42	619695	14.06	476406	15.54

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF060724 SAS No.: BF060724 SDG NO.: BF060724

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

Lab File ID: BF138149.D Time Analyzed: 19:34

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	1.46014e+04	11.427	794161	14.068	775323	15.545
UPPER LIMIT	2920280	11.927	1588322	14.568	1550646	16.045
LOWER LIMIT	730070	10.927	397080.5	13.568	387661.5	15.045
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.: **BF060724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB161334BS	n-Nitrosodimethylamine	50	42.7	ug/L	85				55	108	
	Pyridine	50	34.1	ug/L	68				29	97	
	Benzaldehyde	50	50.4	ug/L	101				15	121	
	Aniline	50	27.7	ug/L	55				10	130	
	Phenol	50	46.1	ug/L	92				66	118	
	bis(2-Chloroethyl)ether	50	44.8	ug/L	90				62	103	
	2-Chlorophenol	50	47.4	ug/L	95				70	117	
	1,2-Dichlorobenzene	50	44.4	ug/L	89				72	102	
	1,3-Dichlorobenzene	50	42.7	ug/L	85				71	103	
	1,4-Dichlorobenzene	50	43.3	ug/L	87				76	103	
	Benzyl Alcohol	50	46.6	ug/L	93				36	93	
	2-Methylphenol	50	46	ug/L	92				69	109	
	2,2-oxybis(1-Chloropropane)	50	43.8	ug/L	88				52	103	
	Acetophenone	50	42.6	ug/L	85				60	104	
	3+4-Methylphenols	50	45.6	ug/L	91				67	106	
	N-Nitroso-di-n-propylamine	50	43.1	ug/L	86				57	107	
	Hexachloroethane	50	44.7	ug/L	89				76	118	
	Nitrobenzene	50	46.2	ug/L	92				58	106	
	Isophorone	50	43.1	ug/L	86				61	102	
	2-Nitrophenol	50	53	ug/L	106				70	115	
	2,4-Dimethylphenol	50	49.5	ug/L	99				67	130	
	bis(2-Chloroethoxy)methane	50	43.6	ug/L	87				58	109	
	2,4-Dichlorophenol	50	48	ug/L	96				66	115	
	1,2,4-Trichlorobenzene	50	43.3	ug/L	87				41	115	
	Benzoic acid	50	52.7	ug/L	105				10	125	
	Naphthalene	50	42.8	ug/L	86				64	107	
	4-Chloroaniline	50	18.5	ug/L	37				10	85	
	Hexachlorobutadiene	50	42.2	ug/L	84				69	101	
	Caprolactam	50	44.4	ug/L	89				58	128	
	4-Chloro-3-methylphenol	50	46.4	ug/L	93				65	114	
	2-Methylnaphthalene	50	43.6	ug/L	87				64	107	
	Hexachlorocyclopentadiene	100	130	ug/L	130				36	160	
	2,4,6-Trichlorophenol	50	50.6	ug/L	101				61	110	
	2,4,5-Trichlorophenol	50	48.7	ug/L	97				70	106	
	1,1-Biphenyl	50	43.8	ug/L	88				72	98	
	2-Chloronaphthalene	50	43.4	ug/L	87				59	106	
	2-Nitroaniline	50	48.4	ug/L	97				58	107	
	Dimethylphthalate	50	45	ug/L	90				64	103	
	Acenaphthylene	50	46.3	ug/L	93				65	108	
	2,6-Dinitrotoluene	50	47.3	ug/L	95				64	110	
	3-Nitroaniline	50	33.6	ug/L	67				28	100	
	Acenaphthene	50	47.3	ug/L	95				59	113	
	Total PAH	800	745.5	ug/L	93				59	113	
	2,4-Dinitrophenol	100	94.1	ug/L	94				64	132	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF060724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB161334BS	4-Nitrophenol	100	110	ug/L	110				68	116	
	Dibenzofuran	50	45	ug/L	90				65	106	
	2,4-Dinitrotoluene	50	51.2	ug/L	102				60	115	
	2,4-Dinitrotoluene/2,6-Dinitro	100	98.5	ug/L	99				60	115	
	Diethylphthalate	50	44	ug/L	88				63	105	
	4-Chlorophenyl-phenylether	50	43.4	ug/L	87				61	104	
	Fluorene	50	42.5	ug/L	85				64	107	
	4-Nitroaniline	50	49.3	ug/L	99				69	112	
	4,6-Dinitro-2-methylphenol	50	56.3	ug/L	113				62	132	
	N-Nitrosodiphenylamine	50	45.9	ug/L	92				61	109	
	Azobenzene	50	43.6	ug/L	87				59	106	
	4-Bromophenyl-phenylether	50	46.6	ug/L	93				73	103	
	Hexachlorobenzene	50	44.8	ug/L	90				73	106	
	Atrazine	50	49.6	ug/L	99				76	120	
	Pentachlorophenol	100	97.9	ug/L	98				47	114	
	Phenanthrene	50	44.6	ug/L	89				62	109	
	Anthracene	50	44.5	ug/L	89				65	110	
	Carbazole	50	43	ug/L	86				62	106	
	Di-n-butylphthalate	50	43.3	ug/L	87				64	106	
	Fluoranthene	50	40.7	ug/L	81				64	110	
	Benzidine	100	10	ug/L	10				10	94	
	Pyrene	50	44.4	ug/L	89				71	103	
	Butylbenzylphthalate	50	48.8	ug/L	98				61	105	
	3,3-Dichlorobenzidine	50	38.7	ug/L	77				43	108	
	Benzo(a)anthracene	50	45.2	ug/L	90				62	107	
	Chrysene	50	45.8	ug/L	92				61	108	
	bis(2-Ethylhexyl)phthalate	50	44.4	ug/L	89				59	110	
	Di-n-octyl phthalate	50	47.8	ug/L	96				67	126	
	Benzo(b)fluoranthene	50	45.1	ug/L	90				77	113	
	Benzo(k)fluoranthene	50	49.1	ug/L	98				64	113	
	Benzo(a)pyrene	50	52	ug/L	104				72	131	
	Indeno(1,2,3-cd)pyrene	50	51.8	ug/L	104				72	105	
	Dibenz(a,h)anthracene	50	51.9	ug/L	104				78	115	
	Benzo(g,h,i)perylene	50	51.5	ug/L	103				75	118	
	1,2,4,5-Tetrachlorobenzene	50	45.2	ug/L	90				72	101	
	1,4-Dioxane	50	33.9	ug/L	68				38	125	
	2,3,4,6-Tetrachlorophenol	50	52.4	ug/L	105				63	116	
	1-Methylnaphthalene	50	41.6	ug/L	83				51	114	
PB161334BSD	n-Nitrosodimethylamine	50	41.8	ug/L	84	2			55	108	20
	Pyridine	50	33.7	ug/L	67	1			29	97	20
	Benzaldehyde	50	49.7	ug/L	99	1			15	121	20
	Aniline	50	27.4	ug/L	55	1			10	130	20
	Phenol	50	44.6	ug/L	89	3			66	118	20
	bis(2-Chloroethyl)ether	50	44	ug/L	88	2			62	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF060724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB161334BSD	2-Chlorophenol	50	46.8	ug/L	94	1			70	117	20
	1,2-Dichlorobenzene	50	44	ug/L	88	1			72	102	20
	1,3-Dichlorobenzene	50	42.2	ug/L	84	1			71	103	20
	1,4-Dichlorobenzene	50	42.7	ug/L	85	1			76	103	20
	Benzyl Alcohol	50	44.2	ug/L	88	5			36	93	20
	2-Methylphenol	50	45.2	ug/L	90	2			69	109	20
	2,2-oxybis(1-Chloropropane)	50	43.1	ug/L	86	2			52	103	20
	Acetophenone	50	42.2	ug/L	84	1			60	104	20
	3+4-Methylphenols	50	44.6	ug/L	89	2			67	106	20
	N-Nitroso-di-n-propylamine	50	42.6	ug/L	85	1			57	107	20
	Hexachloroethane	50	43.6	ug/L	87	2			76	118	20
	Nitrobenzene	50	45.9	ug/L	92	1			58	106	20
	Isophorone	50	42.6	ug/L	85	1			61	102	20
	2-Nitrophenol	50	52.3	ug/L	105	1			70	115	20
	2,4-Dimethylphenol	50	49.1	ug/L	98	1			67	130	20
	bis(2-Chloroethoxy)methane	50	43.4	ug/L	87	0			58	109	20
	2,4-Dichlorophenol	50	47.7	ug/L	95	1			66	115	20
	1,2,4-Trichlorobenzene	50	43	ug/L	86	1			41	115	20
	Benzoic acid	50	51.7	ug/L	103	2			10	125	20
	Naphthalene	50	42.9	ug/L	86	0			64	107	20
	4-Chloroaniline	50	17.5	ug/L	35	6			10	85	20
	Hexachlorobutadiene	50	42.4	ug/L	85	0			69	101	20
	Caprolactam	50	44.1	ug/L	88	1			58	128	20
	4-Chloro-3-methylphenol	50	45.6	ug/L	91	2			65	114	20
	2-Methylnaphthalene	50	43.2	ug/L	86	1			64	107	20
	Hexachlorocyclopentadiene	100	130	ug/L	130	0			36	160	20
	2,4,6-Trichlorophenol	50	50.1	ug/L	100	1			61	110	20
	2,4,5-Trichlorophenol	50	49.1	ug/L	98	1			70	106	20
	1,1-Biphenyl	50	44	ug/L	88	0			72	98	20
	2-Chloronaphthalene	50	43.6	ug/L	87	0			59	106	20
	2-Nitroaniline	50	47.7	ug/L	95	1			58	107	20
	Dimethylphthalate	50	44.7	ug/L	89	1			64	103	20
	Acenaphthylene	50	46.2	ug/L	92	0			65	108	20
	2,6-Dinitrotoluene	50	47.1	ug/L	94	0			64	110	20
	3-Nitroaniline	50	32.9	ug/L	66	2			28	100	20
	Acenaphthene	50	47.6	ug/L	95	1			59	113	20
	Total PAH	800	746.7	ug/L	93	0			59	113	20
	2,4-Dinitrophenol	100	93.1	ug/L	93	1			64	132	20
	4-Nitrophenol	100	100	ug/L	100	10			68	116	20
	Dibenzofuran	50	44.2	ug/L	88	2			65	106	20
	2,4-Dinitrotoluene	50	50.4	ug/L	101	2			60	115	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	97.5	ug/L	98	1			60	115	20
	Diethylphthalate	50	44.1	ug/L	88	0			63	105	20
	4-Chlorophenyl-phenylether	50	43.5	ug/L	87	0			61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF060724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB161334BSD	Fluorene	50	42.9	ug/L	86	1			64	107	20
	4-Nitroaniline	50	48.2	ug/L	96	2			69	112	20
	4,6-Dinitro-2-methylphenol	50	56.1	ug/L	112	0			62	132	20
	N-Nitrosodiphenylamine	50	47.1	ug/L	94	3			61	109	20
	Azobenzene	50	43.2	ug/L	86	1			59	106	20
	4-Bromophenyl-phenylether	50	47.9	ug/L	96	3			73	103	20
	Hexachlorobenzene	50	46.5	ug/L	93	4			73	106	20
	Atrazine	50	49.2	ug/L	98	1			76	120	20
	Pentachlorophenol	100	98.5	ug/L	99	1			47	114	20
	Phenanthrene	50	45.2	ug/L	90	1			62	109	20
	Anthracene	50	44.9	ug/L	90	1			65	110	20
	Carbazole	50	42.6	ug/L	85	1			62	106	20
	Di-n-butylphthalate	50	44.3	ug/L	89	2			64	106	20
	Fluoranthene	50	41	ug/L	82	1			64	110	20
	Benzidine	100	11.4	ug/L	11	13			10	94	20
	Pyrene	50	44.8	ug/L	90	1			71	103	20
	Butylbenzylphthalate	50	48.1	ug/L	96	1			61	105	20
	3,3-Dichlorobenzidine	50	38.2	ug/L	76	1			43	108	20
	Benzo(a)anthracene	50	45.3	ug/L	91	0			62	107	20
	Chrysene	50	46.3	ug/L	93	1			61	108	20
	bis(2-Ethylhexyl)phthalate	50	44	ug/L	88	1			59	110	20
	Di-n-octyl phthalate	50	47.5	ug/L	95	1			67	126	20
	Benzo(b)fluoranthene	50	45.6	ug/L	91	1			77	113	20
	Benzo(k)fluoranthene	50	47.3	ug/L	95	4			64	113	20
	Benzo(a)pyrene	50	50.6	ug/L	101	3			72	131	20
	Indeno(1,2,3-cd)pyrene	50	52.1	ug/L	104	1			72	105	20
	Dibenz(a,h)anthracene	50	52.5	ug/L	105	1			78	115	20
	Benzo(g,h,i)perylene	50	51.5	ug/L	103	0			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	45.9	ug/L	92	2			72	101	20
	1,4-Dioxane	50	33.4	ug/L	67	1			38	125	20
	2,3,4,6-Tetrachlorophenol	50	51.6	ug/L	103	2			63	116	20
	1-Methylnaphthalene	50	41.5	ug/L	83	0			51	114	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF060724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB161349BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1100	ug/Kg	65				28	98	
	Benzaldehyde	1700	1700	ug/Kg	100				10	147	
	Aniline	1700	930	ug/Kg	55				38	100	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				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	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100	
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1400	ug/Kg	82				55	104	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1800	ug/Kg	106				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				67	119	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				53	105	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110	
	Benzoic acid	1700	1800	ug/Kg	106				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	610	ug/Kg	36				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	4200	ug/Kg	127				45	134	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				59	102	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1500	ug/Kg	88				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	Total PAH	27200	24800	ug/Kg	91				57	104	
	2,4-Dinitrophenol	3300	3200	ug/Kg	97				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF060724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161349BS	4-Nitrophenol	3300	3400	ug/Kg	103				48	119		
	Dibenzofuran	1700	1500	ug/Kg	88				63	99		
	2,4-Dinitrotoluene/2,6-Dinitrotc	3400	3300	ug/Kg	97				60	106		
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106		
	Diethylphthalate	1700	1500	ug/Kg	88				60	101		
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98		
	Fluorene	1700	1400	ug/Kg	82				61	101		
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103		
	4,6-Dinitro-2-methylphenol	1700	1900	ug/Kg	112				76	113		
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				56	107		
	Azobenzene	1700	1400	ug/Kg	82				54	103		
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				55	99		
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98		
	Atrazine	1700	1600	ug/Kg	94				67	113		
	Pentachlorophenol	3300	3300	ug/Kg	100				67	105		
	Phenanthrene	1700	1500	ug/Kg	88				59	103		
	Anthracene	1700	1500	ug/Kg	88				61	105		
	Carbazole	1700	1400	ug/Kg	82				61	99		
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104		
	Fluoranthene	1700	1400	ug/Kg	82				57	107		
	Benzidine	3300	440	ug/Kg	13				10	98		
	Pyrene	1700	1500	ug/Kg	88				59	103		
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103		
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91		
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102		
	Chrysene	1700	1500	ug/Kg	88				59	101		
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				63	111		
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				70	108		
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109		
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109		
	Benzo(a)pyrene	1700	1800	ug/Kg	106		*		63	103		
	Indeno(1,2,3-cd)pyrene	1700	1700	ug/Kg	100				63	101		
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				61	112		
	Benzo(g,h,i)perylene	1700	1700	ug/Kg	100				70	108		
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101		
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96		
	2,3,4,6-Tetrachlorophenol	1700	1700	ug/Kg	100				59	108		
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161307BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF060724

SAS No.: BF060724 SDG NO.: BF060724

Lab File ID: BF138153.D

Lab Sample ID: PB161307BL

Instrument ID: BNA_F

Date Extracted: 06/04/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/07/2024

Level: (low/med) LOW

Time Analyzed: 11:33

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WCS-TPO	P2704-01	BF138160.D	06/07/2024
WCS-TPOMS	P2704-01MS	BF138161.D	06/07/2024
WCS-TPOMSD	P2704-01MSD	BF138162.D	06/07/2024
WCS-TPU	P2704-05	BF138163.D	06/07/2024
WCS-TPN	P2704-09	BF138164.D	06/07/2024
SW-02	P2707-04	BF138165.D	06/07/2024
SW-04	P2707-06	BF138166.D	06/07/2024
P-01	P2707-07	BF138167.D	06/07/2024
CHA-1	P2707-08	BF138168.D	06/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161334BSD

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF060724

SAS No.: BF060724 SDG NO.: BF060724

Lab File ID: BF138154.D

Lab Sample ID: PB161334BSD

Instrument ID: BNA_F

Date Extracted: 06/05/2024

Matrix: (soil/water) Water

Date Analyzed: 06/07/2024

Level: (low/med) LOW

Time Analyzed: 12:03

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161334BSD	PB161334BSD	BF138154.D	06/07/2024
PB161334BS	PB161334BS	BF138151.D	06/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161296TB

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF060724

SAS No.: BF060724 SDG NO.: BF060724

Lab File ID: BF138150.D

Lab Sample ID: PB161296TB

Instrument ID: BNA_F

Date Extracted: 06/05/2024

Matrix: (soil/water) water

Date Analyzed: 06/07/2024

Level: (low/med) LOW

Time Analyzed: 10:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161296TB	PB161296TB	BF138150.D	06/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161349BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF060724

SAS No.: BF060724 SDG NO.: BF060724

Lab File ID: BF138152.D

Lab Sample ID: PB161349BL

Instrument ID: BNA_F

Date Extracted: 06/06/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/07/2024

Level: (low/med) LOW

Time Analyzed: 11:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161349BS	PB161349BS	BF138155.D	06/07/2024
WCS-TPA	P2740-01	BF138156.D	06/07/2024
WCS-TPB	P2740-05	BF138157.D	06/07/2024
WCS-TPBMS	P2740-05MS	BF138158.D	06/07/2024
WCS-TPBMSD	P2740-05MSD	BF138159.D	06/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MH-SLUDGE

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF060724

SAS No.: BF060724 SDG NO.: BF060724

Lab File ID: BF138169.D

Lab Sample ID: P2763-02

Instrument ID: BNA_F

Date Extracted: 06/07/2024

Matrix: (soil/water) water

Date Analyzed: 06/07/2024

Level: (low/med) LOW

Time Analyzed: 19:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MH-SLUDGE	P2763-02	BF138169.D	06/07/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF060724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2740-05MS		Client Sample ID: WCS-TPBMS		DataFile: BF138158.D							
n-Nitrosodimethylamine	1100		870	ug/Kg	79				66	124	
Pyridine	1100		780	ug/Kg	71				45	119	
Benzaldehyde	1100			ug/Kg	0	*			26	163	
Aniline	1100		610	ug/Kg	55				10	88	
Phenol	1100		940	ug/Kg	85				67	126	
bis(2-Chloroethyl)ether	1100		910	ug/Kg	83				74	116	
2-Chlorophenol	1100		960	ug/Kg	87				61	138	
1,2-Dichlorobenzene	1100		910	ug/Kg	83				61	105	
1,3-Dichlorobenzene	1100		890	ug/Kg	81				62	101	
1,4-Dichlorobenzene	1100		900	ug/Kg	82				63	104	
Benzyl Alcohol	1100		940	ug/Kg	85				47	126	
2-Methylphenol	1100		910	ug/Kg	83				66	122	
2,2-oxybis(1-Chloropropane)	1100		900	ug/Kg	82				52	115	
Acetophenone	1100		880	ug/Kg	80				75	111	
3+4-Methylphenols	1100		920	ug/Kg	84				53	132	
N-Nitroso-di-n-propylamine	1100		870	ug/Kg	79				59	119	
Hexachloroethane	1100		920	ug/Kg	84				65	117	
Nitrobenzene	1100		960	ug/Kg	87				70	119	
Isophorone	1100		880	ug/Kg	80				76	122	
2-Nitrophenol	1100		1100	ug/Kg	100				54	145	
2,4-Dimethylphenol	1100		1000	ug/Kg	91				83	144	
bis(2-Chloroethoxy)methane	1100		890	ug/Kg	81				68	112	
2,4-Dichlorophenol	1100		970	ug/Kg	88				72	118	
1,2,4-Trichlorobenzene	1100		890	ug/Kg	81				57	103	
Benzoic acid	1100		1000	ug/Kg	91				50	104	
Naphthalene	1100		890	ug/Kg	81				72	110	
4-Chloroaniline	1100		260	ug/Kg	24				10	100	
Hexachlorobutadiene	1100		880	ug/Kg	80				66	114	
Caprolactam	1100		920	ug/Kg	84				51	134	
4-Chloro-3-methylphenol	1100		940	ug/Kg	85				57	132	
2-Methylnaphthalene	1100		900	ug/Kg	82				59	123	
Hexachlorocyclopentadiene	2200		2600	ug/Kg	118				10	175	
2,4,6-Trichlorophenol	1100		1000	ug/Kg	91				72	117	
2,4,5-Trichlorophenol	1100		1000	ug/Kg	91				72	117	
1,1-Biphenyl	1100		930	ug/Kg	85				75	113	
2-Chloronaphthalene	1100		900	ug/Kg	82				67	118	
2-Nitroaniline	1100		990	ug/Kg	90				69	127	
Dimethylphthalate	1100		930	ug/Kg	85				70	113	
Acenaphthylene	1100		980	ug/Kg	89				79	118	
2,6-Dinitrotoluene	1100		970	ug/Kg	88				70	125	
3-Nitroaniline	1100		590	ug/Kg	54				20	111	
Acenaphthene	1100		970	ug/Kg	88				70	121	
Total PAH	17600		13810	ug/Kg	78				70	121	
2,4-Dinitrophenol	2200		1800	ug/Kg	82				16	160	
4-Nitrophenol	2200		2000	ug/Kg	91				45	133	
Dibenzofuran	1100		930	ug/Kg	85				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF060724

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				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		1970	ug/Kg	90				55	128	
Diethylphthalate	1100		930	ug/Kg	85				70	112	
4-Chlorophenyl-phenylether	1100		910	ug/Kg	83				71	108	
Fluorene	1100		910	ug/Kg	83				68	116	
4-Nitroaniline	1100		1000	ug/Kg	91				55	120	
4,6-Dinitro-2-methylphenol	1100		1100	ug/Kg	100				32	145	
N-Nitrosodiphenylamine	1100		990	ug/Kg	90				73	118	
Azobenzene	1100		900	ug/Kg	82				73	110	
4-Bromophenyl-phenylether	1100		980	ug/Kg	89				65	121	
Hexachlorobenzene	1100		950	ug/Kg	86				67	118	
Atrazine	1100		1100	ug/Kg	100				79	127	
Pentachlorophenol	2200		1900	ug/Kg	86				47	128	
Phenanthrene	1100		930	ug/Kg	85				72	113	
Anthracene	1100		950	ug/Kg	86				62	124	
Carbazole	1100		840	ug/Kg	76				59	119	
Di-n-butylphthalate	1100		960	ug/Kg	87				69	118	
Fluoranthene	1100		750	ug/Kg	68				59	125	
Benzydine	2200		1500	ug/Kg	68				10	119	
Pyrene	1100		860	ug/Kg	78				52	128	
Butylbenzylphthalate	1100		1000	ug/Kg	91				64	126	
3,3-Dichlorobenzidine	1100		650	ug/Kg	59				10	164	
Benzo(a)anthracene	1100		930	ug/Kg	85				71	114	
Chrysene	1100		930	ug/Kg	85				57	121	
bis(2-Ethylhexyl)phthalate	1100		930	ug/Kg	85				66	127	
Di-n-octyl phthalate	1100		1100	ug/Kg	100				71	126	
Benzo(b)fluoranthene	1100		870	ug/Kg	79				67	121	
Benzo(k)fluoranthene	1100		900	ug/Kg	82				74	114	
Benzo(a)pyrene	1100		970	ug/Kg	88				70	142	
Indeno(1,2,3-cd)pyrene	1100		680	ug/Kg	62				61	125	
Dibenz(a,h)anthracene	1100		660	ug/Kg	60	*			67	130	
Benzo(g,h,i)perylene	1100		630	ug/Kg	57				53	140	
1,2,4,5-Tetrachlorobenzene	1100		940	ug/Kg	85				69	124	
1,4-Dioxane	1100		790	ug/Kg	72				46	112	
2,3,4,6-Tetrachlorophenol	1100		1000	ug/Kg	91				56	133	
1-Methylnaphthalene	1100		860	ug/Kg	78				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF060724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2740-05MSD		Client Sample ID: WCS-TPBMSD		DataFile: BF138159.D							
n-Nitrosodimethylamine	1100		860	ug/Kg	78		1		66	124	20
Pyridine	1100		770	ug/Kg	70		1		45	119	20
Benzaldehyde	1100			ug/Kg	0	*			26	163	20
Aniline	1100		590	ug/Kg	54		2		10	88	20
Phenol	1100		930	ug/Kg	85		0		67	126	20
bis(2-Chloroethyl)ether	1100		890	ug/Kg	81		2		74	116	20
2-Chlorophenol	1100		950	ug/Kg	86		1		61	138	20
1,2-Dichlorobenzene	1100		900	ug/Kg	82		1		61	105	20
1,3-Dichlorobenzene	1100		880	ug/Kg	80		1		62	101	20
1,4-Dichlorobenzene	1100		890	ug/Kg	81		1		63	104	20
Benzyl Alcohol	1100		920	ug/Kg	84		1		47	126	20
2-Methylphenol	1100		900	ug/Kg	82		1		66	122	20
2,2-oxybis(1-Chloropropane)	1100		880	ug/Kg	80		2		52	115	20
Acetophenone	1100		880	ug/Kg	80		0		75	111	20
3+4-Methylphenols	1100		920	ug/Kg	84		0		53	132	20
N-Nitroso-di-n-propylamine	1100		870	ug/Kg	79		0		59	119	20
Hexachloroethane	1100		900	ug/Kg	82		2		65	117	20
Nitrobenzene	1100		950	ug/Kg	86		1		70	119	20
Isophorone	1100		870	ug/Kg	79		1		76	122	20
2-Nitrophenol	1100		1100	ug/Kg	100		0		54	145	20
2,4-Dimethylphenol	1100		1000	ug/Kg	91		0		83	144	20
bis(2-Chloroethoxy)methane	1100		900	ug/Kg	82		1		68	112	20
2,4-Dichlorophenol	1100		970	ug/Kg	88		0		72	118	20
1,2,4-Trichlorobenzene	1100		890	ug/Kg	81		0		57	103	20
Benzoic acid	1100		1100	ug/Kg	100		9		50	104	20
Naphthalene	1100		890	ug/Kg	81		0		72	110	20
4-Chloroaniline	1100		280	ug/Kg	25		4		10	100	20
Hexachlorobutadiene	1100		870	ug/Kg	79		1		66	114	20
Caprolactam	1100		930	ug/Kg	85		1		51	134	20
4-Chloro-3-methylphenol	1100		950	ug/Kg	86		1		57	132	20
2-Methylnaphthalene	1100		900	ug/Kg	82		0		59	123	20
Hexachlorocyclopentadiene	2200		2600	ug/Kg	118		0		10	175	20
2,4,6-Trichlorophenol	1100		1000	ug/Kg	91		0		72	117	20
2,4,5-Trichlorophenol	1100		990	ug/Kg	90		1		72	117	20
1,1-Biphenyl	1100		930	ug/Kg	85		0		75	113	20
2-Chloronaphthalene	1100		900	ug/Kg	82		0		67	118	20
2-Nitroaniline	1100		1000	ug/Kg	91		1		69	127	20
Dimethylphthalate	1100		930	ug/Kg	85		0		70	113	20
Acenaphthylene	1100		980	ug/Kg	89		0		79	118	20
2,6-Dinitrotoluene	1100		960	ug/Kg	87		1		70	125	20
3-Nitroaniline	1100		580	ug/Kg	53		2		20	111	20
Acenaphthene	1100		970	ug/Kg	88		0		70	121	20
Total PAH	17600		13870	ug/Kg	79		1		70	121	20
2,4-Dinitrophenol	2200		1800	ug/Kg	82		0		16	160	20
4-Nitrophenol	2200		1900	ug/Kg	86		6		45	133	20
Dibenzofuran	1100		920	ug/Kg	84		1		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF060724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1100	ug/Kg	100		9		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2060	ug/Kg	94		4		55	128	20
Diethylphthalate	1100		920	ug/Kg	84		1		70	112	20
4-Chlorophenyl-phenylether	1100		920	ug/Kg	84		1		71	108	20
Fluorene	1100		900	ug/Kg	82		1		68	116	20
4-Nitroaniline	1100		1000	ug/Kg	91		0		55	120	20
4,6-Dinitro-2-methylphenol	1100		1100	ug/Kg	100		0		32	145	20
N-Nitrosodiphenylamine	1100		980	ug/Kg	89		1		73	118	20
Azobenzene	1100		890	ug/Kg	81		1		73	110	20
4-Bromophenyl-phenylether	1100		970	ug/Kg	88		1		65	121	20
Hexachlorobenzene	1100		940	ug/Kg	85		1		67	118	20
Atrazine	1100		1100	ug/Kg	100		0		79	127	20
Pentachlorophenol	2200		1900	ug/Kg	86		0		47	128	20
Phenanthrene	1100		920	ug/Kg	84		1		72	113	20
Anthracene	1100		950	ug/Kg	86		0		62	124	20
Carbazole	1100		840	ug/Kg	76		0		59	119	20
Di-n-butylphthalate	1100		940	ug/Kg	85		2		69	118	20
Fluoranthene	1100		750	ug/Kg	68		0		59	125	20
Benzydine	2200		1600	ug/Kg	73		7		10	119	20
Pyrene	1100		850	ug/Kg	77		1		52	128	20
Butylbenzylphthalate	1100		990	ug/Kg	90		1		64	126	20
3,3-Dichlorobenzidine	1100		680	ug/Kg	62		5		10	164	20
Benzo(a)anthracene	1100		930	ug/Kg	85		0		71	114	20
Chrysene	1100		950	ug/Kg	86		1		57	121	20
bis(2-Ethylhexyl)phthalate	1100		920	ug/Kg	84		1		66	127	20
Di-n-octyl phthalate	1100		1100	ug/Kg	100		0		71	126	20
Benzo(b)fluoranthene	1100		900	ug/Kg	82		4		67	121	20
Benzo(k)fluoranthene	1100		920	ug/Kg	84		2		74	114	20
Benzo(a)pyrene	1100		990	ug/Kg	90		2		70	142	20
Indeno(1,2,3-cd)pyrene	1100		690	ug/Kg	63		2		61	125	20
Dibenz(a,h)anthracene	1100		660	ug/Kg	60	*	0		67	130	20
Benzo(g,h,i)perylene	1100		620	ug/Kg	56		2		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		930	ug/Kg	85		0		69	124	20
1,4-Dioxane	1100		780	ug/Kg	71		1		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1000	ug/Kg	91		0		56	133	20
1-Methylnaphthalene	1100		860	ug/Kg	78		0		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF060724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2704-01MS		Client Sample ID: WCS-TPOMS		DataFile: BF138161.D							
n-Nitrosodimethylamine	1200		940	ug/Kg	78				66	124	
Pyridine	1200		800	ug/Kg	67				45	119	
Benzaldehyde	1200			ug/Kg	0	*			26	163	
Aniline	1200		380	ug/Kg	32				10	88	
Phenol	1200		1000	ug/Kg	83				67	126	
bis(2-Chloroethyl)ether	1200		970	ug/Kg	81				74	116	
2-Chlorophenol	1200		1000	ug/Kg	83				61	138	
1,2-Dichlorobenzene	1200		980	ug/Kg	82				61	105	
1,3-Dichlorobenzene	1200		950	ug/Kg	79				62	101	
1,4-Dichlorobenzene	1200		970	ug/Kg	81				63	104	
Benzyl Alcohol	1200		1000	ug/Kg	83				47	126	
2-Methylphenol	1200		970	ug/Kg	81				66	122	
2,2-oxybis(1-Chloropropane)	1200		960	ug/Kg	80				52	115	
Acetophenone	1200		960	ug/Kg	80				75	111	
3+4-Methylphenols	1200		1000	ug/Kg	83				53	132	
N-Nitroso-di-n-propylamine	1200		930	ug/Kg	78				59	119	
Hexachloroethane	1200		970	ug/Kg	81				65	117	
Nitrobenzene	1200		1000	ug/Kg	83				70	119	
Isophorone	1200		940	ug/Kg	78				76	122	
2-Nitrophenol	1200		1200	ug/Kg	100				54	145	
2,4-Dimethylphenol	1200		1100	ug/Kg	92				83	144	
bis(2-Chloroethoxy)methane	1200		960	ug/Kg	80				68	112	
2,4-Dichlorophenol	1200		1100	ug/Kg	92				72	118	
1,2,4-Trichlorobenzene	1200		960	ug/Kg	80				57	103	
Benzoic acid	1200		1100	ug/Kg	92				50	104	
Naphthalene	1200		970	ug/Kg	81				72	110	
4-Chloroaniline	1200		130	ug/Kg	11				10	100	
Hexachlorobutadiene	1200		950	ug/Kg	79				66	114	
Caprolactam	1200		970	ug/Kg	81				51	134	
4-Chloro-3-methylphenol	1200		1000	ug/Kg	83				57	132	
2-Methylnaphthalene	1200		980	ug/Kg	82				59	123	
Hexachlorocyclopentadiene	2300		2800	ug/Kg	122				10	175	
2,4,6-Trichlorophenol	1200		1100	ug/Kg	92				72	117	
2,4,5-Trichlorophenol	1200		1100	ug/Kg	92				72	117	
1,1-Biphenyl	1200		1000	ug/Kg	83				75	113	
2-Chloronaphthalene	1200		980	ug/Kg	82				67	118	
2-Nitroaniline	1200		1000	ug/Kg	83				69	127	
Dimethylphthalate	1200		1000	ug/Kg	83				70	113	
Acenaphthylene	1200		1100	ug/Kg	92				79	118	
2,6-Dinitrotoluene	1200		1000	ug/Kg	83				70	125	
3-Nitroaniline	1200		340	ug/Kg	28				20	111	
Acenaphthene	1200		1100	ug/Kg	92				70	121	
Total PAH	19200		15020	ug/Kg	78				70	121	
2,4-Dinitrophenol	2300		2000	ug/Kg	87				16	160	
4-Nitrophenol	2300		2000	ug/Kg	87				45	133	
Dibenzofuran	1200		1000	ug/Kg	83				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF060724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2400		2100	ug/Kg	88				55	128	
2,4-Dinitrotoluene	1200		1100	ug/Kg	92				55	128	
Diethylphthalate	1200		1000	ug/Kg	83				70	112	
4-Chlorophenyl-phenylether	1200		990	ug/Kg	83				71	108	
Fluorene	1200		970	ug/Kg	81				68	116	
4-Nitroaniline	1200		1000	ug/Kg	83				55	120	
4,6-Dinitro-2-methylphenol	1200		1200	ug/Kg	100				32	145	
N-Nitrosodiphenylamine	1200		1100	ug/Kg	92				73	118	
Azobenzene	1200		960	ug/Kg	80				73	110	
4-Bromophenyl-phenylether	1200		1100	ug/Kg	92				65	121	
Hexachlorobenzene	1200		1000	ug/Kg	83				67	118	
Atrazine	1200		990	ug/Kg	83				79	127	
Pentachlorophenol	2300		2100	ug/Kg	91				47	128	
Phenanthrene	1200		1000	ug/Kg	83				72	113	
Anthracene	1200		1000	ug/Kg	83				62	124	
Carbazole	1200		890	ug/Kg	74				59	119	
Di-n-butylphthalate	1200		1000	ug/Kg	83				69	118	
Fluoranthene	1200		820	ug/Kg	68				59	125	
Benzydine	2300		720	ug/Kg	31				10	119	
Pyrene	1200		860	ug/Kg	72				52	128	
Butylbenzylphthalate	1200		1000	ug/Kg	83				64	126	
3,3-Dichlorobenzidine	1200		750	ug/Kg	63				10	164	
Benzo(a)anthracene	1200		1000	ug/Kg	83				71	114	
Chrysene	1200		1000	ug/Kg	83				57	121	
bis(2-Ethylhexyl)phthalate	1200		960	ug/Kg	80				66	127	
Di-n-octyl phthalate	1200		1200	ug/Kg	100				71	126	
Benzo(b)fluoranthene	1200		990	ug/Kg	83				67	121	
Benzo(k)fluoranthene	1200		990	ug/Kg	83				74	114	
Benzo(a)pyrene	1200		1100	ug/Kg	92				70	142	
Indeno(1,2,3-cd)pyrene	1200		730	ug/Kg	61				61	125	
Dibenz(a,h)anthracene	1200		710	ug/Kg	59	*			67	130	
Benzo(g,h,i)perylene	1200		680	ug/Kg	57				53	140	
1,2,4,5-Tetrachlorobenzene	1200		1000	ug/Kg	83				69	124	
1,4-Dioxane	1200		850	ug/Kg	71				46	112	
2,3,4,6-Tetrachlorophenol	1200		1100	ug/Kg	92				56	133	
1-Methylnaphthalene	1200		930	ug/Kg	78				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF060724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2704-01MSD		Client Sample ID: WCS-TPOMSD		DataFile: BF138162.D							
n-Nitrosodimethylamine	1100		930	ug/Kg	85		9		66	124	20
Pyridine	1100		800	ug/Kg	73		9		45	119	20
Benzaldehyde	1100			ug/Kg	0	*			26	163	20
Aniline	1100		400	ug/Kg	36		12		10	88	20
Phenol	1100		990	ug/Kg	90		8		67	126	20
bis(2-Chloroethyl)ether	1100		960	ug/Kg	87		7		74	116	20
2-Chlorophenol	1100		1000	ug/Kg	91		9		61	138	20
1,2-Dichlorobenzene	1100		970	ug/Kg	88		7		61	105	20
1,3-Dichlorobenzene	1100		950	ug/Kg	86		8		62	101	20
1,4-Dichlorobenzene	1100		950	ug/Kg	86		6		63	104	20
Benzyl Alcohol	1100		1000	ug/Kg	91		9		47	126	20
2-Methylphenol	1100		970	ug/Kg	88		8		66	122	20
2,2-oxybis(1-Chloropropane)	1100		950	ug/Kg	86		7		52	115	20
Acetophenone	1100		960	ug/Kg	87		8		75	111	20
3+4-Methylphenols	1100		1000	ug/Kg	91		9		53	132	20
N-Nitroso-di-n-propylamine	1100		930	ug/Kg	85		9		59	119	20
Hexachloroethane	1100		970	ug/Kg	88		8		65	117	20
Nitrobenzene	1100		1000	ug/Kg	91		9		70	119	20
Isophorone	1100		940	ug/Kg	85		9		76	122	20
2-Nitrophenol	1100		1200	ug/Kg	109		9		54	145	20
2,4-Dimethylphenol	1100		1100	ug/Kg	100		8		83	144	20
bis(2-Chloroethoxy)methane	1100		960	ug/Kg	87		8		68	112	20
2,4-Dichlorophenol	1100		1100	ug/Kg	100		8		72	118	20
1,2,4-Trichlorobenzene	1100		970	ug/Kg	88		10		57	103	20
Benzoic acid	1100		1200	ug/Kg	109	*	17		50	104	20
Naphthalene	1100		970	ug/Kg	88		8		72	110	20
4-Chloroaniline	1100		130	ug/Kg	12		9		10	100	20
Hexachlorobutadiene	1100		950	ug/Kg	86		8		66	114	20
Caprolactam	1100		980	ug/Kg	89		9		51	134	20
4-Chloro-3-methylphenol	1100		1000	ug/Kg	91		9		57	132	20
2-Methylnaphthalene	1100		980	ug/Kg	89		8		59	123	20
Hexachlorocyclopentadiene	2300		2800	ug/Kg	122		0		10	175	20
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100		8		72	117	20
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100		8		72	117	20
1,1-Biphenyl	1100		1000	ug/Kg	91		9		75	113	20
2-Chloronaphthalene	1100		970	ug/Kg	88		7		67	118	20
2-Nitroaniline	1100		1000	ug/Kg	91		9		69	127	20
Dimethylphthalate	1100		1000	ug/Kg	91		9		70	113	20
Acenaphthylene	1100		1100	ug/Kg	100		8		79	118	20
2,6-Dinitrotoluene	1100		1000	ug/Kg	91		9		70	125	20
3-Nitroaniline	1100		380	ug/Kg	35		22	*	20	111	20
Acenaphthene	1100		1100	ug/Kg	100		8		70	121	20
Total PAH	17600		15080	ug/Kg	86		10		70	121	20
2,4-Dinitrophenol	2300		2100	ug/Kg	91		4		16	160	20
4-Nitrophenol	2300		2000	ug/Kg	87		0		45	133	20
Dibenzofuran	1100		990	ug/Kg	90		8		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF060724

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2100	ug/Kg	95		8		55	128	20
2,4-Dinitrotoluene	1100		1100	ug/Kg	100		8		55	128	20
Diethylphthalate	1100		990	ug/Kg	90		8		70	112	20
4-Chlorophenyl-phenylether	1100		980	ug/Kg	89		7		71	108	20
Fluorene	1100		980	ug/Kg	89		9		68	116	20
4-Nitroaniline	1100		1000	ug/Kg	91		9		55	120	20
4,6-Dinitro-2-methylphenol	1100		1300	ug/Kg	118		17		32	145	20
N-Nitrosodiphenylamine	1100		1100	ug/Kg	100		8		73	118	20
Azobenzene	1100		970	ug/Kg	88		10		73	110	20
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100		8		65	121	20
Hexachlorobenzene	1100		1000	ug/Kg	91		9		67	118	20
Atrazine	1100		990	ug/Kg	90		8		79	127	20
Pentachlorophenol	2300		2200	ug/Kg	96		5		47	128	20
Phenanthrene	1100		1000	ug/Kg	91		9		72	113	20
Anthracene	1100		1000	ug/Kg	91		9		62	124	20
Carbazole	1100		890	ug/Kg	81		9		59	119	20
Di-n-butylphthalate	1100		1000	ug/Kg	91		9		69	118	20
Fluoranthene	1100		820	ug/Kg	75		10		59	125	20
Benzydine	2300		610	ug/Kg	27		14		10	119	20
Pyrene	1100		890	ug/Kg	81		12		52	128	20
Butylbenzylphthalate	1100		1100	ug/Kg	100		19		64	126	20
3,3-Dichlorobenzidine	1100		730	ug/Kg	66		5		10	164	20
Benzo(a)anthracene	1100		1000	ug/Kg	91		9		71	114	20
Chrysene	1100		1000	ug/Kg	91		9		57	121	20
bis(2-Ethylhexyl)phthalate	1100		990	ug/Kg	90		12		66	127	20
Di-n-octyl phthalate	1100		1200	ug/Kg	109		9		71	126	20
Benzo(b)fluoranthene	1100		990	ug/Kg	90		8		67	121	20
Benzo(k)fluoranthene	1100		1000	ug/Kg	91		9		74	114	20
Benzo(a)pyrene	1100		1100	ug/Kg	100		8		70	142	20
Indeno(1,2,3-cd)pyrene	1100		740	ug/Kg	67		9		61	125	20
Dibenz(a,h)anthracene	1100		710	ug/Kg	65	*	10		67	130	20
Benzo(g,h,i)perylene	1100		680	ug/Kg	62		8		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		1000	ug/Kg	91		9		69	124	20
1,4-Dioxane	1100		840	ug/Kg	76		7		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100		8		56	133	20
1-Methylnaphthalene	1100		930	ug/Kg	85		9		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF060724**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2704-01	WCS-TPO	BF138160.D	2-Fluorophenol	150	108.22	72		18	112
			Phenol-d6	150	109.45	73		15	107
			Nitrobenzene-d5	100	84.09	84		18	107
			2-Fluorobiphenyl	100	75.02	75		20	109
			2,4,6-Tribromophenol	150	116.04	77		10	110
			Terphenyl-d14	100	76.18	76		14	112
P2704-01MS	WCS-TPOMS	BF138161.D	2-Fluorophenol	150	101.22	67		18	112
			Phenol-d6	150	101.88	68		15	107
			Nitrobenzene-d5	100	78.94	79		18	107
			2-Fluorobiphenyl	100	73.91	74		20	109
			2,4,6-Tribromophenol	150	112.05	75		10	110
			Terphenyl-d14	100	62.54	63		14	112
P2704-01MSD	WCS-TPOMSD	BF138162.D	2-Fluorophenol	150	100.37	67		18	112
			Phenol-d6	150	101.76	68		15	107
			Nitrobenzene-d5	100	79.97	80		18	107
			2-Fluorobiphenyl	100	73.24	73		20	109
			2,4,6-Tribromophenol	150	112.21	75		10	110
			Terphenyl-d14	100	64.38	64		14	112
P2704-05	WCS-TPU	BF138163.D	2-Fluorophenol	150	78.23	52		18	112
			Phenol-d6	150	78.11	52		15	107
			Nitrobenzene-d5	100	60.58	61		18	107
			2-Fluorobiphenyl	100	55.43	55		20	109
			2,4,6-Tribromophenol	150	80.76	54		10	110
			Terphenyl-d14	100	52.35	52		14	112
P2704-09	WCS-TPN	BF138164.D	2-Fluorophenol	150	87.72	58		18	112
			Phenol-d6	150	87.41	58		15	107
			Nitrobenzene-d5	100	68.28	68		18	107
			2-Fluorobiphenyl	100	62.99	63		20	109
			2,4,6-Tribromophenol	150	90.85	61		10	110
			Terphenyl-d14	100	61.01	61		14	112
P2707-04	SW-02	BF138165.D	2-Fluorophenol	150	85.17	57		18	112
			Phenol-d6	150	86.35	58		15	107
			Nitrobenzene-d5	100	66.95	67		18	107
			2-Fluorobiphenyl	100	58.26	58		20	109
			2,4,6-Tribromophenol	150	90.87	61		10	110
			Terphenyl-d14	100	51.32	51		14	112
P2707-06	SW-04	BF138166.D	2-Fluorophenol	150	77.11	51		18	112
			Phenol-d6	150	77.32	52		15	107
			Nitrobenzene-d5	100	59.18	59		18	107
			2-Fluorobiphenyl	100	56.03	56		20	109
			2,4,6-Tribromophenol	150	80.74	54		10	110
			Terphenyl-d14	100	56.09	56		14	112
P2707-07	P-01	BF138167.D	2-Fluorophenol	150	84.18	56		18	112
			Phenol-d6	150	84.46	56		15	107
			Nitrobenzene-d5	100	63.75	64		18	107
			2-Fluorobiphenyl	100	56.50	56		20	109
			2,4,6-Tribromophenol	150	85.17	57		10	110
			Terphenyl-d14	100	50.96	51		14	112
P2707-08	CHA-1	BF138168.D	2-Fluorophenol	150	79.46	53		18	112



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

Surrogate Summary

SW-846

SDG No.: **BF060724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2707-08	CHA-1	BF138168.D	Phenol-d6	150	79.74	53		15	107
			Nitrobenzene-d5	100	59.74	60		18	107
			2-Fluorobiphenyl	100	54.05	54		20	109
			2,4,6-Tribromophenol	150	81.17	54		10	110
			Terphenyl-d14	100	50.87	51		14	112
PB161307BL	PB161307BL	BF138153.D	2-Fluorophenol	150	132.26	88		18	112
			Phenol-d6	150	126.39	84		15	107
			Nitrobenzene-d5	100	101.16	101		18	107
			2-Fluorobiphenyl	100	90.51	91		20	109
			2,4,6-Tribromophenol	150	143.17	95		10	110
			Terphenyl-d14	100	80.12	80		14	112



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Surrogate Summary

SW-846

SDG No.: BF060724

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161334BS	PB161334BS	BF138151.D	2-Fluorophenol	150	122.88	82		10	139
			Phenol-d6	150	123.89	83		10	134
			Nitrobenzene-d5	100	95.68	96		49	133
			2-Fluorobiphenyl	100	82.39	82		52	132
			2,4,6-Tribromophenol	150	135.32	90		32	145
			Terphenyl-d14	100	80.92	81		36	145
PB161334BSD	PB161334BSD	BF138154.D	2-Fluorophenol	150	120.83	81		10	139
			Phenol-d6	150	122.33	82		10	134
			Nitrobenzene-d5	100	95.29	95		49	133
			2-Fluorobiphenyl	100	82.57	83		52	132
			2,4,6-Tribromophenol	150	136.19	91		32	145
			Terphenyl-d14	100	83.89	84		36	145



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Surrogate Summary

SW-846

SDG No.: BF060724

Client: _____

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Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161296TB	PB161296TB	BF138150.D	2-Fluorophenol	150	123.19	82		10	139
			Phenol-d6	150	118.60	79		10	134
			Nitrobenzene-d5	100	94.84	95		49	133
			2-Fluorobiphenyl	100	85.52	86		52	132
			2,4,6-Tribromophenol	150	140.11	93		32	145
			Terphenyl-d14	100	73.10	73		36	145

Surrogate Summary

SW-846

SDG No.: **BF060724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2740-01	WCS-TPA	BF138156.D	2-Fluorophenol	150	76.50	51		18	112
			Phenol-d6	150	75.53	50		15	107
			Nitrobenzene-d5	100	57.81	58		18	107
			2-Fluorobiphenyl	100	52.32	52		20	109
			2,4,6-Tribromophenol	150	77.74	52		10	110
			Terphenyl-d14	100	62.92	63		14	112
P2740-05	WCS-TPB	BF138157.D	2-Fluorophenol	150	101.06	67		18	112
			Phenol-d6	150	100.56	67		15	107
			Nitrobenzene-d5	100	77.49	77		18	107
			2-Fluorobiphenyl	100	64.41	64		20	109
			2,4,6-Tribromophenol	150	103.35	69		10	110
			Terphenyl-d14	100	77.65	78		14	112
P2740-05MS	WCS-TPBMS	BF138158.D	2-Fluorophenol	150	100.42	67		18	112
			Phenol-d6	150	99.51	66		15	107
			Nitrobenzene-d5	100	76.36	76		18	107
			2-Fluorobiphenyl	100	65.23	65		20	109
			2,4,6-Tribromophenol	150	109.07	73		10	110
			Terphenyl-d14	100	63.37	63		14	112
P2740-05MSD	WCS-TPBMSD	BF138159.D	2-Fluorophenol	150	99.09	66		18	112
			Phenol-d6	150	98.70	66		15	107
			Nitrobenzene-d5	100	76.80	77		18	107
			2-Fluorobiphenyl	100	65.15	65		20	109
			2,4,6-Tribromophenol	150	107.70	72		10	110
			Terphenyl-d14	100	62.09	62		14	112
PB161349BL	PB161349BL	BF138152.D	2-Fluorophenol	150	133.82	89		18	112
			Phenol-d6	150	128.05	85		15	107
			Nitrobenzene-d5	100	102.84	103		18	107
			2-Fluorobiphenyl	100	90.07	90		20	109
			2,4,6-Tribromophenol	150	147.27	98		10	110
			Terphenyl-d14	100	78.84	79		14	112
PB161349BS	PB161349BS	BF138155.D	2-Fluorophenol	150	121.47	81		18	112
			Phenol-d6	150	122.48	82		15	107
			Nitrobenzene-d5	100	96.90	97		18	107
			2-Fluorobiphenyl	100	82.63	83		20	109
			2,4,6-Tribromophenol	150	134.00	89		10	110
			Terphenyl-d14	100	83.16	83		14	112



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Surrogate Summary

SW-846

SDG No.: BF060724

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2763-02	MH-SLUDGE	BF138169.D	2-Fluorophenol	150	117.07	78		10	139
			Phenol-d6	150	104.01	69		10	134
			Nitrobenzene-d5	100	99.35	99		49	133
			2-Fluorobiphenyl	100	84.62	85		52	132
			2,4,6-Tribromophenol	150	129.88	87		32	145
			Terphenyl-d14	100	89.92	90		36	145

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF060724

Lab Code: CHEM

SAS No.: BF060724

SDG NO.: BF060724

Lab File ID: BF138148.D

DFTPP Injection Date: 06/07/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:07

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.7
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	30.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43.3
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	29.3
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14.2
442	Greater than 50% of mass 198	88.3
443	15.0 - 24.0% of mass 442	17.5 (19.9) 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	BF138149.D	06/07/2024	09:36
PB161296TB	PB161296TB	BF138150.D	06/07/2024	10:05
PB161334BS	PB161334BS	BF138151.D	06/07/2024	10:35
PB161349BL	PB161349BL	BF138152.D	06/07/2024	11:04
PB161307BL	PB161307BL	BF138153.D	06/07/2024	11:33
PB161334BSD	PB161334BSD	BF138154.D	06/07/2024	12:03
PB161349BS	PB161349BS	BF138155.D	06/07/2024	12:33
WCS-TPA	P2740-01	BF138156.D	06/07/2024	13:07
WCS-TPB	P2740-05	BF138157.D	06/07/2024	13:36
WCS-TPBMS	P2740-05MS	BF138158.D	06/07/2024	14:05
WCS-TPBMSD	P2740-05MSD	BF138159.D	06/07/2024	14:36
WCS-TPO	P2704-01	BF138160.D	06/07/2024	15:05
WCS-TPOMS	P2704-01MS	BF138161.D	06/07/2024	15:35
WCS-TPOMSD	P2704-01MSD	BF138162.D	06/07/2024	16:05
WCS-TPU	P2704-05	BF138163.D	06/07/2024	16:35
WCS-TPN	P2704-09	BF138164.D	06/07/2024	17:05
SW-02	P2707-04	BF138165.D	06/07/2024	17:35
SW-04	P2707-06	BF138166.D	06/07/2024	18:05

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF060724

Lab Code: CHEM

SAS No.: BF060724

SDG NO.: BF060724

Lab File ID: BF138148.D

DFTPP Injection Date: 06/07/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:07

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.7
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	30.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43.3
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	29.3
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14.2
442	Greater than 50% of mass 198	88.3
443	15.0 - 24.0% of mass 442	17.5 (19.9) 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
P-01	P2707-07	BF138167.D	06/07/2024	18:35
CHA-1	P2707-08	BF138168.D	06/07/2024	19:05
MH-SLUDGE	P2763-02	BF138169.D	06/07/2024	19:34