

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF060624 SAS No.: BF060624 SDG No.: BF060624

Instrument ID: BNA_F Calibration Date/Time: 6/6/2024 12:11:28

Lab File ID: BF138128.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	0.624		-3.555	
Pyridine	1.318	1.284		-2.58	
2-Fluorophenol	1.174	1.155		-1.618	
Benzaldehyde	0.791	0.825		4.298	
Aniline	1.505	1.452		-3.522	
Phenol-d6	1.485	1.469		-1.077	
Phenol	1.525	1.502		-1.508	20.0
bis(2-Chloroethyl) ether	1.223	1.178		-3.679	
2-Chlorophenol	1.270	1.275		0.394	
1,2-Dichlorobenzene	1.375	1.367		-0.582	
1,3-Dichlorobenzene	1.455	1.443		-0.825	
1,4-Dichlorobenzene	1.465	1.452		-0.887	20.0
Benzyl Alcohol	1.051	1.059		0.761	
2-Methylphenol	1.028	1.013		-1.459	
2,2-oxybis(1-Chloropropane)	1.795	1.699		-5.348	
Acetophenone	0.460	0.450		-2.174	
3+4-Methylphenols	1.279	1.297		1.407	
n-Nitroso-di-n-propylamine	0.947	0.909	0.050	-4.013	
Nitrobenzene-d5	0.294	0.335		13.946	
Hexachloroethane	0.500	0.509		1.8	
Nitrobenzene	0.320	0.347		8.437	
Isophorone	0.648	0.622		-4.012	
2-Nitrophenol	0.108	0.145		34.259	20.0
2,4-Dimethylphenol	0.225	0.230		2.222	
bis(2-Chloroethoxy) methane	0.394	0.387		-1.777	
2,4-Dichlorophenol	0.271	0.285		5.166	20.0
1,2,4-Trichlorobenzene	0.327	0.325		-0.612	
Benzoic acid	0.148	0.191		29.054	
Naphthalene	0.967	0.957		-1.034	
4-Chloroaniline	0.364	0.356		-2.198	
Hexachlorobutadiene	0.192	0.191		-0.521	20.0
Caprolactam	0.091	0.092		1.099	
4-Chloro-3-methylphenol	0.278	0.283		1.799	20.0
2-Methylnaphthalene	0.652	0.644		-1.227	
Hexachlorocyclopentadiene	0.186	0.196	0.050	5.376	
2,4,6-Trichlorophenol	0.343	0.373		8.746	20.0
2-Fluorobiphenyl	1.144	1.099		-3.934	
2,4,5-Trichlorophenol	0.378	0.397		5.026	
1,1-Biphenyl	1.405	1.367		-2.705	

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Instrument ID: BNA_F Calibration Date/Time: 6/6/2024 12:11:28

Lab File ID: BF138128.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	1.094		-2.321	
2-Nitroaniline	0.229	0.288		25.764	
Dimethylphthalate	1.257	1.230		-2.148	
Acenaphthylene	1.584	1.557		-1.705	
2,6-Dinitrotoluene	0.235	0.285		21.277	
3-Nitroaniline	0.240	0.283		17.917	
Acenaphthene	1.071	1.061		-0.934	20.0
2,4-Dinitrophenol	0.060	0.081	0.050	35.0	
4-Nitrophenol	0.191	0.217	0.050	13.613	
Dibenzofuran	1.514	1.478		-2.378	
2,4-Dinitrotoluene	0.272	0.353		29.779	
Diethylphthalate	1.227	1.216		-0.896	
4-Chlorophenyl-phenylether	0.611	0.594		-2.782	
Fluorene	1.203	1.174		-2.411	
4-Nitroaniline	0.235	0.281		19.574	
4,6-Dinitro-2-methylphenol	0.063	0.077		22.222	
n-Nitrosodiphenylamine	0.597	0.595		-0.335	20.0
Azobenzene	1.182	1.155		-2.284	
2,4,6-Tribromophenol	0.192	0.216		12.5	
4-Bromophenyl-phenylether	0.228	0.232		1.754	
Hexachlorobenzene	0.265	0.265		0.0	
Atrazine	0.192	0.190		-1.042	
Pentachlorophenol	0.142	0.167		17.606	20.0
Phenanthrene	0.963	0.937		-2.7	
Anthracene	0.960	0.932		-2.917	
Carbazole	0.878	0.857		-2.392	
Di-n-butylphthalate	1.032	1.008		-2.326	
Fluoranthene	1.039	1.009		-2.887	20.0
Benzidine	0.206	0.261		26.699	
Pyrene	1.809	1.862		2.93	
Terphenyl-d14	1.337	1.319		-1.346	
Butylbenzylphthalate	0.597	0.669		12.06	
3,3-Dichlorobenzidine	0.320	0.331		3.438	
Benzo(a)anthracene	1.262	1.235		-2.139	
Chrysene	1.211	1.216		0.413	
Bis(2-ethylhexyl)phthalate	0.870	0.924		6.207	
Di-n-octyl phthalate	1.198	1.259		5.092	20.0
Benzo(b)fluoranthene	1.257	1.229		-2.228	
Benzo(k)fluoranthene	1.199	1.148		-4.254	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF060624 SAS No.: BF060624 SDG No.: BF060624

Instrument ID: BNA_F Calibration Date/Time: 6/6/2024 12:11:28

Lab File ID: BF138128.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	0.958		0.63	20.0
Indeno(1,2,3-cd)pyrene	0.940	1.088		15.745	
Dibenzo(a,h)anthracene	0.748	0.865		15.642	
Benzo(g,h,i)perylene	0.785	0.901		14.777	
1,2,4,5-Tetrachlorobenzene	0.565	0.563		-0.354	
1,4-Dioxane	0.538	0.521		-3.16	20.0
2,3,4,6-Tetrachlorophenol	0.298	0.327		9.732	
1-Methylnaphthalene	0.639	0.630		-1.408	

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:	PB161334BL	SDG No.:	BF060624
Lab Sample ID:	PB161334BL	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
BF138129.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

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

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PB161334BL	SDG No.:	BF060624
Lab Sample ID:	PB161334BL	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
BF138129.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

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

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PB161334BL	SDG No.:	BF060624
Lab Sample ID:	PB161334BL	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
BF138129.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	127.398		10-139		85	SPK: -150
13127-88-3	Phenol-d6	122.882		10-134		82	SPK: -150
4165-60-0	Nitrobenzene-d5	97.62		49-133		98	SPK: -100
321-60-8	2-Fluorobiphenyl	83.227		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:	PB161334BL	SDG No.:	BF060624
Lab Sample ID:	PB161334BL	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
BF138129.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	137.139		32-145		91	SPK: -150
1718-51-0	Terphenyl-d14	73.575		36-145		74	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	484655	6.904				
1146-65-2	Naphthalene-d8	1909676	8.186				
15067-26-2	Acenaphthene-d10	1106881	9.939				
1517-22-2	Phenanthrene-d10	2026838	11.427				
1719-03-5	Chrysene-d12	1282803	14.062				
1520-96-3	Perylene-d12	738909	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000111-06-8	Hexadecanoic acid, butyl ester	3	J			12.839	
000123-95-5	Octadecanoic acid, butyl ester	2.1	J			13.545	
000215-58-7	Benzo[b]triphenylene	3.3	J			17.003	

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:	PB161335BS	SDG No.:	BF060624
Lab Sample ID:	PB161335BS	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
BF138130.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161335

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	42.3		1	8	10	ug/L
110-86-1	Pyridine	32.6		1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	31.3		1.6	4	5	ug/L
108-95-2	Phenol	46.9		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.6		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	46.9		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	42.6		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	40.8		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	41.1		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	46.4		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)	43.2		1.4	4	5	ug/L
98-86-2	Acetophenone	40.8		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	44		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	42.7		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	42.3		1	4	5	ug/L
98-95-3	Nitrobenzene	44.3		1.3	4	5	ug/L
78-59-1	Isophorone	41.4		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	50.2		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	48.8		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	42.2		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	45.9		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	41.1		1.1	4	5	ug/L
65-85-0	Benzoic acid	50.3		5.5	8	10	ug/L
91-20-3	Naphthalene	40		1	4	5	ug/L
106-47-8	4-Chloroaniline	19.2		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	39.5		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:	PB161335BS	SDG No.:	BF060624
Lab Sample ID:	PB161335BS	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
BF138130.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161335

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	40.2		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	44.8		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	40.7		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	110	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	46.8		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	44.8		1	4	5	ug/L
92-52-4	1,1-Biphenyl	39.8		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	39.6		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	45.8		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	41		0.93	4	5	ug/L
208-96-8	Acenaphthylene	41.9		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	43.3		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	31.6		1.4	4	5	ug/L
83-32-9	Acenaphthene	42.9		0.81	4	5	ug/L
Total PAH	Total PAH	675.9		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	85.2	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	98.3	E	2	8	10	ug/L
132-64-9	Dibenzofuran	40		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	89.6		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	46.3		1.5	4	5	ug/L
84-66-2	Diethylphthalate	39.9		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	38.6		0.98	4	5	ug/L
86-73-7	Fluorene	37.8		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	47.7		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	50.4		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	42.6		0.89	4	5	ug/L
103-33-3	Azobenzene	39.7		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	42.7		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	42		1.1	4	5	ug/L
1912-24-9	Atrazine	45.6		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:	PB161335BS	SDG No.:	BF060624
Lab Sample ID:	PB161335BS	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
BF138130.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161335

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	89	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	40.2		0.89	4	5	ug/L
120-12-7	Anthracene	41		1.1	4	5	ug/L
86-74-8	Carbazole	39.7		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	39.1		1.5	4	5	ug/L
206-44-0	Fluoranthene	38		1.3	4	5	ug/L
92-87-5	Benzidine	31.5		4.1	8	10	ug/L
129-00-0	Pyrene	42.1		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	49.7		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	36.3		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	41.3		0.94	4	5	ug/L
218-01-9	Chrysene	42.3		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	44.5		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	47		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	42.5		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	45.8		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	48.3		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	45		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	45		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	41.8		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	32.6		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	47		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	38.7		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	121.238		10-139		81	SPK: -150
13127-88-3	Phenol-d6	123.557		10-134		82	SPK: -150
4165-60-0	Nitrobenzene-d5	93.671		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	76.541		52-132		77	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:	PB161335BS	SDG No.:	BF060624
Lab Sample ID:	PB161335BS	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
BF138130.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161335

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	125.528		32-145		84	SPK: -150
1718-51-0	Terphenyl-d14	77.69		36-145		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	525956	6.904				
1146-65-2	Naphthalene-d8	2147888	8.192				
15067-26-2	Acenaphthene-d10	1242229	9.945				
1517-22-2	Phenanthrene-d10	2105990	11.433				
1719-03-5	Chrysene-d12	1117586	14.074				
1520-96-3	Perylene-d12	857206	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:	PB161335BL	SDG No.:	BF060624
Lab Sample ID:	PB161335BL	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
BF138131.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161335

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

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PB161335BL	SDG No.:	BF060624
Lab Sample ID:	PB161335BL	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
BF138131.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161335

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

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PB161335BL	SDG No.:	BF060624
Lab Sample ID:	PB161335BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138131.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161335

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	120.224		10-139		80	SPK: -150
13127-88-3	Phenol-d6	118.897		10-134		79	SPK: -150
4165-60-0	Nitrobenzene-d5	95.255		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	80.441		52-132		80	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:	PB161335BL	SDG No.:	BF060624
Lab Sample ID:	PB161335BL	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
BF138131.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161335

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.382		32-145		88	SPK: -150
1718-51-0	Terphenyl-d14	75.278		36-145		75	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	501775	6.904				
1146-65-2	Naphthalene-d8	1946318	8.186				
15067-26-2	Acenaphthene-d10	1122630	9.939				
1517-22-2	Phenanthrene-d10	2056654	11.427				
1719-03-5	Chrysene-d12	1212535	14.063				
1520-96-3	Perylene-d12	669188	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000215-58-7	Benzo[b]triphenylene	3	J			17.003	

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	PB161196BS	SDG No.:	BF060624
Lab Sample ID:	PB161196BS	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
BF138132.D	1	5/30/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161196

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.8	270	330	ug/Kg
110-86-1	Pyridine	1100		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	1000		96.9	130	170	ug/Kg
108-95-2	Phenol	1500		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1300		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1400		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.8	130	170	ug/Kg
78-59-1	Isophorone	1400		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1700		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1600		240	270	330	ug/Kg
91-20-3	Naphthalene	1300		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	630		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1300		83.3	130	170	ug/Kg



Client:				Date Collected:	5/30/2024 12:00:00 AM	
Project:				Date Received:	5/30/2024 12:00:00 AM	
Client Sample ID:	PB161196BS			SDG No.:	BF060624	
Lab Sample ID:	PB161196BS			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
BF138132.D	1	5/30/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161196

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1300		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3800	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1300		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1300		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1500		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1400		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1400		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1400		81.1	130	170	ug/Kg
Total PAH	Total PAH	22500		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3200	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1300		84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3100		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	1300		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		85.6	130	170	ug/Kg
86-73-7	Fluorene	1300		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1600		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1300		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		85	130	170	ug/Kg
1912-24-9	Atrazine	1500		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	PB161196BS	SDG No.:	BF060624
Lab Sample ID:	PB161196BS	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
BF138132.D	1	5/30/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161196

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3000	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1300		84	130	170	ug/Kg
120-12-7	Anthracene	1400		84.4	130	170	ug/Kg
86-74-8	Carbazole	1300		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1300		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1300		81.7	130	170	ug/Kg
92-87-5	Benzidine	1100		160	270	330	ug/Kg
129-00-0	Pyrene	1400		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1600		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1400		80.7	130	170	ug/Kg
218-01-9	Chrysene	1400		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1100		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	120.334		18-112		80	SPK: -150
13127-88-3	Phenol-d6	122.677		15-107		82	SPK: -150
4165-60-0	Nitrobenzene-d5	93.666		18-107		94	SPK: -100
321-60-8	2-Fluorobiphenyl	77.172		20-109		77	SPK: -100

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	PB161196BS	SDG No.:	BF060624
Lab Sample ID:	PB161196BS	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
BF138132.D	1	5/30/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161196

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	126.416		10-110		84	SPK: -150
1718-51-0	Terphenyl-d14	78.114		14-112		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	534062	6.904				
1146-65-2	Naphthalene-d8	2178234	8.192				
15067-26-2	Acenaphthene-d10	1239306	9.945				
1517-22-2	Phenanthrene-d10	2107693	11.433				
1719-03-5	Chrysene-d12	1133130	14.074				
1520-96-3	Perylene-d12	862304	15.551				

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.:	BF060624
Lab Sample ID:	P2704-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138133.D	1	6/5/2024 12:00:00 AM	6/6/2024 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:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	WCS-TPO	SDG No.:	BF060624
Lab Sample ID:	P2704-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138133.D	1	6/5/2024 12:00:00 AM	6/6/2024 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:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	WCS-TPO	SDG No.:	BF060624
Lab Sample ID:	P2704-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138133.D	1	6/5/2024 12:00:00 AM	6/6/2024 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	115.278		10-139		77	SPK: -150
13127-88-3	Phenol-d6	108.235		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	96.071		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	80.816		52-132		81	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.:	BF060624
Lab Sample ID:	P2704-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138133.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161335

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.445		32-145		94	SPK: -150
1718-51-0	Terphenyl-d14	105.201		36-145		105	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	421963	6.904				
1146-65-2	Naphthalene-d8	1625351	8.186				
15067-26-2	Acenaphthene-d10	953128	9.939				
1517-22-2	Phenanthrene-d10	1719358	11.427				
1719-03-5	Chrysene-d12	718416	14.063				
1520-96-3	Perylene-d12	555254	15.539				

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.:	BF060624
Lab Sample ID:	P2704-04MS	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
BF138134.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161335

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	420		10.3	80	100	ug/L
110-86-1	Pyridine	290		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	160		16	40	50	ug/L
108-95-2	Phenol	420		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	440		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	470		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	420		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	400		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	410		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	470		16	80	100	ug/L
95-48-7	2-Methylphenol	450		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	430		13.5	40	50	ug/L
98-86-2	Acetophenone	430		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	460		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	450		14.8	25	25	ug/L
67-72-1	Hexachloroethane	410		10.1	40	50	ug/L
98-95-3	Nitrobenzene	460		12.7	40	50	ug/L
78-59-1	Isophorone	440		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	530		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	510		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	440		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	490		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	420		11	40	50	ug/L
65-85-0	Benzoic acid	500		54.7	80	100	ug/L
91-20-3	Naphthalene	420		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	39.9	J	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	400		12.7	40	50	ug/L

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.:	BF060624
Lab Sample ID:	P2704-04MS	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
BF138134.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161335

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	430		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	480		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	440		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1300	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	510		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	500		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	450		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	440		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	500		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	480		9.3	40	50	ug/L
208-96-8	Acenaphthylene	480		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	490		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	130		13.7	40	50	ug/L
83-32-9	Acenaphthene	490		8.1	40	50	ug/L
Total PAH	Total PAH	7310		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	940	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	920	E	20	80	100	ug/L
132-64-9	Dibenzofuran	460		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	420		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	530		15.2	40	50	ug/L
84-66-2	Diethylphthalate	460		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	450		9.8	40	50	ug/L
86-73-7	Fluorene	450		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	440		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	540		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	460		8.9	40	50	ug/L
103-33-3	Azobenzene	460		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	490		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	470		11.4	40	50	ug/L
1912-24-9	Atrazine	260		12.6	40	50	ug/L

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.:	BF060624
Lab Sample ID:	P2704-04MS	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
BF138134.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161335

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1000	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	460		8.9	40	50	ug/L
120-12-7	Anthracene	470		10.7	40	50	ug/L
86-74-8	Carbazole	400		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	450		14.7	40	50	ug/L
206-44-0	Fluoranthene	410		12.9	40	50	ug/L
92-87-5	Benzidine	81.8	J	40.7	80	100	ug/L
129-00-0	Pyrene	520		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	580		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	82.3	J	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	480		9.4	40	50	ug/L
218-01-9	Chrysene	490		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	520		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	550		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	470		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	450		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	510		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	420		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	410		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	380		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	450		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	340		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	540		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	420		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	114.795		10-139		77	SPK: -150
13127-88-3	Phenol-d6	109.968		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	94.27		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	81.492		52-132		81	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.:	BF060624
Lab Sample ID:	P2704-04MS	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
BF138134.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161335

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	134.656		32-145		90	SPK: -150
1718-51-0	Terphenyl-d14	93.444		36-145		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	401345	6.904				
1146-65-2	Naphthalene-d8	1605431	8.186				
15067-26-2	Acenaphthene-d10	915547	9.945				
1517-22-2	Phenanthrene-d10	1582119	11.427				
1719-03-5	Chrysene-d12	705917	14.068				
1520-96-3	Perylene-d12	715469	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-TPOMSD	SDG No.:	BF060624
Lab Sample ID:	P2704-04MSD	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
BF138135.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161335

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	430		10.3	80	100	ug/L
110-86-1	Pyridine	300		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	150		16	40	50	ug/L
108-95-2	Phenol	420		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	440		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	470		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	430		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	410		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	410		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	460		16	80	100	ug/L
95-48-7	2-Methylphenol	450		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	440		13.5	40	50	ug/L
98-86-2	Acetophenone	440		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	460		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	450		14.8	25	25	ug/L
67-72-1	Hexachloroethane	420		10.1	40	50	ug/L
98-95-3	Nitrobenzene	480		12.7	40	50	ug/L
78-59-1	Isophorone	450		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	530		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	520		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	450		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	500		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	430		11	40	50	ug/L
65-85-0	Benzoic acid	500		54.7	80	100	ug/L
91-20-3	Naphthalene	440		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	58.4		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	410		12.7	40	50	ug/L

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.:	BF060624
Lab Sample ID:	P2704-04MSD	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
BF138135.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161335

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	440		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	490		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	460		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1400	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	520		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	510		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	470		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	450		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	510		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	490		9.3	40	50	ug/L
208-96-8	Acenaphthylene	500		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	500		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	120		13.7	40	50	ug/L
83-32-9	Acenaphthene	500		8.1	40	50	ug/L
Total PAH	Total PAH	7510		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	940	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	960	E	20	80	100	ug/L
132-64-9	Dibenzofuran	480		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4050		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	550		15.2	40	50	ug/L
84-66-2	Diethylphthalate	480		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	470		9.8	40	50	ug/L
86-73-7	Fluorene	470		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	470		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	550		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	460		8.9	40	50	ug/L
103-33-3	Azobenzene	480		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	480		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	480		11.4	40	50	ug/L
1912-24-9	Atrazine	290		12.6	40	50	ug/L

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.:	BF060624
Lab Sample ID:	P2704-04MSD	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
BF138135.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161335

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1000	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	480		8.9	40	50	ug/L
120-12-7	Anthracene	490		10.7	40	50	ug/L
86-74-8	Carbazole	430		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	490		14.7	40	50	ug/L
206-44-0	Fluoranthene	440		12.9	40	50	ug/L
92-87-5	Benzidine	100		40.7	80	100	ug/L
129-00-0	Pyrene	520		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	620		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	85.7	J	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	490		9.4	40	50	ug/L
218-01-9	Chrysene	500		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	540		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	560		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	480		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	480		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	530		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	420		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	400		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	370		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	460		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	350		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	550		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	440		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	116.58		10-139		78	SPK: -150
13127-88-3	Phenol-d6	110.815		10-134		74	SPK: -150
4165-60-0	Nitrobenzene-d5	97.719		49-133		98	SPK: -100
321-60-8	2-Fluorobiphenyl	85.698		52-132		86	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.:	BF060624
Lab Sample ID:	P2704-04MSD	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
BF138135.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161335

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.363		32-145		94	SPK: -150
1718-51-0	Terphenyl-d14	95.004		36-145		95	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	350910	6.904				
1146-65-2	Naphthalene-d8	1373918	8.186				
15067-26-2	Acenaphthene-d10	790750	9.945				
1517-22-2	Phenanthrene-d10	1396583	11.427				
1719-03-5	Chrysene-d12	678596	14.068				
1520-96-3	Perylene-d12	668869	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.:	BF060624
Lab Sample ID:	P2704-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138136.D	1	6/5/2024 12:00:00 AM	6/6/2024 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:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	WCS-TPU	SDG No.:	BF060624
Lab Sample ID:	P2704-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138136.D	1	6/5/2024 12:00:00 AM	6/6/2024 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
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:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	WCS-TPU	SDG No.:	BF060624
Lab Sample ID:	P2704-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138136.D	1	6/5/2024 12:00:00 AM	6/6/2024 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	170		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	115.371		10-139		77	SPK: -150
13127-88-3	Phenol-d6	107.748		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	96.684		49-133		97	SPK: -100
321-60-8	2-Fluorobiphenyl	80.969		52-132		81	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.:	BF060624
Lab Sample ID:	P2704-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138136.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161335

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	144.11		32-145		96	SPK: -150
1718-51-0	Terphenyl-d14	98.047		36-145		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	396072	6.904				
1146-65-2	Naphthalene-d8	1529960	8.186				
15067-26-2	Acenaphthene-d10	896811	9.939				
1517-22-2	Phenanthrene-d10	1682050	11.427				
1719-03-5	Chrysene-d12	776838	14.063				
1520-96-3	Perylene-d12	534338	15.539				

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.:	BF060624
Lab Sample ID:	P2704-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138137.D	1	6/5/2024 12:00:00 AM	6/6/2024 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:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	WCS-TPN	SDG No.:	BF060624
Lab Sample ID:	P2704-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138137.D	1	6/5/2024 12:00:00 AM	6/6/2024 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:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	WCS-TPN	SDG No.:	BF060624
Lab Sample ID:	P2704-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138137.D	1	6/5/2024 12:00:00 AM	6/6/2024 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	480		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	116.566		10-139		78	SPK: -150
13127-88-3	Phenol-d6	108.295		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	97.122		49-133		97	SPK: -100
321-60-8	2-Fluorobiphenyl	84.56		52-132		85	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.:	BF060624
Lab Sample ID:	P2704-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138137.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161335

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	147.102		32-145		98	SPK: -150
1718-51-0	Terphenyl-d14	107.986		36-145		108	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	385804	6.904				
1146-65-2	Naphthalene-d8	1500403	8.187				
15067-26-2	Acenaphthene-d10	860436	9.939				
1517-22-2	Phenanthrene-d10	1563613	11.428				
1719-03-5	Chrysene-d12	688533	14.063				
1520-96-3	Perylene-d12	502277	15.545				

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:	WCS-TPC	SDG No.:	BF060624
Lab Sample ID:	P2715-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138138.D	1	6/5/2024 12:00:00 AM	6/6/2024 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:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	WCS-TPC	SDG No.:	BF060624
Lab Sample ID:	P2715-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138138.D	1	6/5/2024 12:00:00 AM	6/6/2024 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:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	WCS-TPC	SDG No.:	BF060624
Lab Sample ID:	P2715-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138138.D	1	6/5/2024 12:00:00 AM	6/6/2024 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	87.1	J	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	108.545		10-139		72	SPK: -150
13127-88-3	Phenol-d6	102.077		10-134		68	SPK: -150
4165-60-0	Nitrobenzene-d5	89.455		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	79.892		52-132		80	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:	WCS-TPC	SDG No.:	BF060624
Lab Sample ID:	P2715-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138138.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161335

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	135.378		32-145		90	SPK: -150
1718-51-0	Terphenyl-d14	113.724		36-145		114	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	387891	6.904				
1146-65-2	Naphthalene-d8	1508595	8.187				
15067-26-2	Acenaphthene-d10	877922	9.939				
1517-22-2	Phenanthrene-d10	1600594	11.428				
1719-03-5	Chrysene-d12	631071	14.063				
1520-96-3	Perylene-d12	479408	15.539				

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:	WCS-TPM	SDG No.:	BF060624
Lab Sample ID:	P2715-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138139.D	1	6/5/2024 12:00:00 AM	6/6/2024 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:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	WCS-TPM	SDG No.:	BF060624
Lab Sample ID:	P2715-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138139.D	1	6/5/2024 12:00:00 AM	6/6/2024 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
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:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	WCS-TPM	SDG No.:	BF060624
Lab Sample ID:	P2715-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138139.D	1	6/5/2024 12:00:00 AM	6/6/2024 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	68.8	J	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	110.689		10-139		74	SPK: -150
13127-88-3	Phenol-d6	104.113		10-134		69	SPK: -150
4165-60-0	Nitrobenzene-d5	92.168		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	83.026		52-132		83	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:	WCS-TPM	SDG No.:	BF060624
Lab Sample ID:	P2715-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138139.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161335

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	137.889		32-145		92	SPK: -150
1718-51-0	Terphenyl-d14	115.406		36-145		115	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	396003	6.904				
1146-65-2	Naphthalene-d8	1511058	8.186				
15067-26-2	Acenaphthene-d10	866791	9.939				
1517-22-2	Phenanthrene-d10	1553561	11.427				
1719-03-5	Chrysene-d12	604978	14.063				
1520-96-3	Perylene-d12	463036	15.539				

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:	MW-5B	SDG No.:	BF060624
Lab Sample ID:	P2717-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138140.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8.1	10.1	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5.1	ug/L
100-52-7	Benzaldehyde	4	U	4	8.1	10.1	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5.1	ug/L
108-95-2	Phenol	0.94	U	0.94	4	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5.1	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	4	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.89	U	0.89	4	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.81	U	0.81	4	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.85	U	0.85	4	5.1	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.1	10.1	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5.1	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5.1	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.1	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5.1	ug/L
78-59-1	Isophorone	1.2	U	1.2	4	5.1	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.89	U	0.89	4	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5.1	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8.1	10.1	ug/L
91-20-3	Naphthalene	42.8		1	4	5.1	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5.1	ug/L

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	MW-5B	SDG No.:	BF060624
Lab Sample ID:	P2717-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138140.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.1	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	0.85	U	0.85	4	5.1	ug/L
91-57-6	2-Methylnaphthalene	4	J	1.1	4	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	8.1	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	0.9	U	0.9	4	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5.1	ug/L
92-52-4	1,1-Biphenyl	0.92	U	0.92	4	5.1	ug/L
91-58-7	2-Chloronaphthalene	0.98	U	0.98	4	5.1	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5.1	ug/L
131-11-3	Dimethylphthalate	0.94	U	0.94	4	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4	5.1	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5.1	ug/L
83-32-9	Acenaphthene	0.82	U	0.82	4	5.1	ug/L
Total PAH	Total PAH	42.8	U	17.61	4	81.6	ug/L
51-28-5	2,4-Dinitrophenol	6.5	U	6.5	8.1	10.1	ug/L
100-02-7	4-Nitrophenol	2	U	2	8.1	10.1	ug/L
132-64-9	Dibenzofuran	0.94	U	0.94	4	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.8	U	2.8	4	10.2	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.99	U	0.99	4	5.1	ug/L
86-73-7	Fluorene	0.97	U	0.97	4	5.1	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8.1	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	0.9	U	0.9	4	5.1	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	4	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4	5.1	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5.1	ug/L

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	MW-5B	SDG No.:	BF060624
Lab Sample ID:	P2717-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138140.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.1	10.1	ug/L
85-01-8	Phenanthrene	0.9	U	0.9	4	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5.1	ug/L
92-87-5	Benzidine	4.1	U	4.1	8.1	10.1	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.1	10.1	ug/L
56-55-3	Benzo(a)anthracene	0.95	U	0.95	4	5.1	ug/L
218-01-9	Chrysene	0.87	U	0.87	4	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8.1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.8	U	0.8	4	5.1	ug/L
90-12-0	1-Methylnaphthalene	28		0.87	4	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	16.484		10-139		11	SPK: -150
13127-88-3	Phenol-d6	22.6		10-134		15	SPK: -150
4165-60-0	Nitrobenzene-d5	79.769		49-133		80	SPK: -100
321-60-8	2-Fluorobiphenyl	77.28		52-132		77	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:	MW-5B	SDG No.:	BF060624
Lab Sample ID:	P2717-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138140.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	83.993		32-145		56	SPK: -150
1718-51-0	Terphenyl-d14	90.889		36-145		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	397252	6.91				
1146-65-2	Naphthalene-d8	1526473	8.192				
15067-26-2	Acenaphthene-d10	882880	9.939				
1517-22-2	Phenanthrene-d10	1483681	11.428				
1719-03-5	Chrysene-d12	618168	14.063				
1520-96-3	Perylene-d12	580422	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	130	J			2.258	
002808-76-6	1,3-Dimethyl-1-cyclohexene	28	J			4.693	
000103-65-1	Benzene, propyl-	99.9	J			6.375	
000620-14-4	Benzene, 1-ethyl-3-methyl-	56.5	J			6.44	
000611-14-3	Benzene, 1-ethyl-2-methyl-	82.9	J			6.469	
000622-96-8	Benzene, 1-ethyl-4-methyl-	110	J			6.598	
000526-73-8	Benzene, 1,2,3-trimethyl-	100	J			6.969	
000496-11-7	Indane	86.9	J			7.093	
000141-93-5	Benzene, 1,3-diethyl-	65	J			7.157	
002085-88-3	Oxirane, 2-methyl-2-phenyl-	71.9	J			7.228	
001074-55-1	Benzene, 1-methyl-4-propyl-	40.6	J			7.298	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	87.8	J			7.375	
000527-84-4	o-Cymene	54.9	J			7.398	
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	20.2	J			7.863	
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	27.7	J			7.928	

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:	MW-6A			SDG No.:	BF060624		
Lab Sample ID:	P2717-02			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 :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138141.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	28.4		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	26		1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	MW-6A	SDG No.:	BF060624
Lab Sample ID:	P2717-02	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
BF138141.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	9.9		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	26	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	MW-6A	SDG No.:	BF060624
Lab Sample ID:	P2717-02	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
BF138141.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	5.3		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	50.265		10-139		34	SPK: -150
13127-88-3	Phenol-d6	35.948		10-134		24	SPK: -150
4165-60-0	Nitrobenzene-d5	91.631		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	81.168		52-132		81	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:	MW-6A	SDG No.:	BF060624
Lab Sample ID:	P2717-02	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
BF138141.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	135.922		32-145		91	SPK: -150
1718-51-0	Terphenyl-d14	94.622		36-145		95	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	367570	6.904				
1146-65-2	Naphthalene-d8	1422380	8.186				
15067-26-2	Acenaphthene-d10	824063	9.939				
1517-22-2	Phenanthrene-d10	1451867	11.427				
1719-03-5	Chrysene-d12	602847	14.063				
1520-96-3	Perylene-d12	550354	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	130	J			2.216	
000108-38-3	Benzene, 1,3-dimethyl-	51	J			5.763	
000103-65-1	Benzene, propyl-	16.5	J			6.369	
000611-14-3	Benzene, 1-ethyl-2-methyl-	36.7	J			6.434	
000622-96-8	Benzene, 1-ethyl-4-methyl-	38.9	J			6.463	
000108-67-8	Mesitylene	39.7	J			6.592	
000526-73-8	Benzene, 1,2,3-trimethyl-	120	J			6.739	
000095-63-6	Benzene, 1,2,4-trimethyl-	42.2	J			6.963	
000496-11-7	Indane	21.6	J			7.087	
001074-43-7	Benzene, 1-methyl-3-propyl-	12.1	J			7.181	
000105-05-5	Benzene, 1,4-diethyl-	27.3	J			7.222	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	14.8	J			7.369	
002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	11.8	J			7.392	
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	9.1	J			7.669	
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	10	J			7.698	
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	22.2	J			7.922	
000099-04-7	Benzoic acid, 3-methyl-	10	J			8.557	
	unknown10.039	27	J			10.039	

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:	PMW-1	SDG No.:	BF060624
Lab Sample ID:	P2717-03	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
BF138142.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

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

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	PMW-1	SDG No.:	BF060624
Lab Sample ID:	P2717-03	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
BF138142.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

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

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	PMW-1	SDG No.:	BF060624
Lab Sample ID:	P2717-03	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
BF138142.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	54.937		10-139		37	SPK: -150
13127-88-3	Phenol-d6	34.524		10-134		23	SPK: -150
4165-60-0	Nitrobenzene-d5	91.9		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	81.934		52-132		82	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:	PMW-1	SDG No.:	BF060624
Lab Sample ID:	P2717-03	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
BF138142.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	131.779		32-145		88	SPK: -150
1718-51-0	Terphenyl-d14	100.218		36-145		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	391345	6.904				
1146-65-2	Naphthalene-d8	1512153	8.186				
15067-26-2	Acenaphthene-d10	860582	9.939				
1517-22-2	Phenanthrene-d10	1452158	11.427				
1719-03-5	Chrysene-d12	605755	14.063				
1520-96-3	Perylene-d12	554885	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J			2.222	

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:	MW-1	SDG No.:	BF060624
Lab Sample ID:	P2718-01	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
BF138143.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

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

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	MW-1	SDG No.:	BF060624
Lab Sample ID:	P2718-01	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
BF138143.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

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

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	MW-1	SDG No.:	BF060624
Lab Sample ID:	P2718-01	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
BF138143.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	30.504		10-139		20	SPK: -150
13127-88-3	Phenol-d6	21.497		10-134		14	SPK: -150
4165-60-0	Nitrobenzene-d5	88.24		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	77.763		52-132		78	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:	MW-1	SDG No.:	BF060624
Lab Sample ID:	P2718-01	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
BF138143.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	76.052		32-145		51	SPK: -150
1718-51-0	Terphenyl-d14	89.5		36-145		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	395723	6.904				
1146-65-2	Naphthalene-d8	1538675	8.186				
15067-26-2	Acenaphthene-d10	880039	9.939				
1517-22-2	Phenanthrene-d10	1453760	11.427				
1719-03-5	Chrysene-d12	627210	14.063				
1520-96-3	Perylene-d12	606527	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J			2.269	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.4	A			5.128	
	unknown10.045	41.8	J			10.045	
000295-65-8	Cyclohexadecane	2.5	J			13.91	

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:	MW-2	SDG No.:	BF060624
Lab Sample ID:	P2718-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138144.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

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

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	MW-2	SDG No.:	BF060624
Lab Sample ID:	P2718-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138144.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

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

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	MW-2	SDG No.:	BF060624
Lab Sample ID:	P2718-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138144.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.1	10.1	ug/L
85-01-8	Phenanthrene	0.9	U	0.9	4	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5.1	ug/L
92-87-5	Benzidine	4.1	U	4.1	8.1	10.1	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.1	10.1	ug/L
56-55-3	Benzo(a)anthracene	0.95	U	0.95	4	5.1	ug/L
218-01-9	Chrysene	0.87	U	0.87	4	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8.1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.8	U	0.8	4	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.87	U	0.87	4	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	50.097		10-139		33	SPK: -150
13127-88-3	Phenol-d6	30.992		10-134		21	SPK: -150
4165-60-0	Nitrobenzene-d5	87.283		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	80.074		52-132		80	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:	MW-2	SDG No.:	BF060624
Lab Sample ID:	P2718-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138144.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.18		32-145		77	SPK: -150
1718-51-0	Terphenyl-d14	98.185		36-145		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	377207	6.904				
1146-65-2	Naphthalene-d8	1445747	8.187				
15067-26-2	Acenaphthene-d10	815241	9.939				
1517-22-2	Phenanthrene-d10	1365337	11.428				
1719-03-5	Chrysene-d12	570513	14.063				
1520-96-3	Perylene-d12	532946	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	130	J			2.222	

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:	MW-4	SDG No.:	BF060624
Lab Sample ID:	P2718-03	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
BF138145.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

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

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	MW-4	SDG No.:	BF060624
Lab Sample ID:	P2718-03	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
BF138145.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

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

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	MW-4	SDG No.:	BF060624
Lab Sample ID:	P2718-03	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
BF138145.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	48.514		10-139		32	SPK: -150
13127-88-3	Phenol-d6	29.604		10-134		20	SPK: -150
4165-60-0	Nitrobenzene-d5	80.304		49-133		80	SPK: -100
321-60-8	2-Fluorobiphenyl	72.416		52-132		72	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:	MW-4	SDG No.:	BF060624
Lab Sample ID:	P2718-03	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
BF138145.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	116.735		32-145		78	SPK: -150
1718-51-0	Terphenyl-d14	87.498		36-145		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	390332	6.904				
1146-65-2	Naphthalene-d8	1509808	8.186				
15067-26-2	Acenaphthene-d10	861470	9.939				
1517-22-2	Phenanthrene-d10	1466405	11.427				
1719-03-5	Chrysene-d12	605852	14.063				
1520-96-3	Perylene-d12	560520	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J			2.228	
001193-11-9	1,3-Dioxolane, 2,2,4-trimethyl-	11	J			3.057	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.4	A			5.122	
000770-35-4	1-Phenoxypropan-2-ol	3.6	J			8.492	
000057-10-3	n-Hexadecanoic acid	2.8	J			11.951	
074685-30-6	5-Eicosene, (E)-	5.7	J			13.91	

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:	MW-4B	SDG No.:	BF060624
Lab Sample ID:	P2718-04	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
BF138146.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

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

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	MW-4B	SDG No.:	BF060624
Lab Sample ID:	P2718-04	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
BF138146.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

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

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	MW-4B	SDG No.:	BF060624
Lab Sample ID:	P2718-04	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
BF138146.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	47.851		10-139		32	SPK: -150
13127-88-3	Phenol-d6	28.935		10-134		19	SPK: -150
4165-60-0	Nitrobenzene-d5	82.296		49-133		82	SPK: -100
321-60-8	2-Fluorobiphenyl	79.824		52-132		80	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:	MW-4B	SDG No.:	BF060624
Lab Sample ID:	P2718-04	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
BF138146.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	124.675		32-145		83	SPK: -150
1718-51-0	Terphenyl-d14	87.741		36-145		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	357535	6.904				
1146-65-2	Naphthalene-d8	1396591	8.186				
15067-26-2	Acenaphthene-d10	772224	9.939				
1517-22-2	Phenanthrene-d10	1218971	11.427				
1719-03-5	Chrysene-d12	563187	14.063				
1520-96-3	Perylene-d12	568374	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J			2.216	
040710-42-7	1-Hentetracontanol	3.5	J			13.91	
001560-78-7	2-Methyltetracosane	2.2	J			14.333	
000593-45-3	Octadecane	2.3	J			14.639	

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:	MW-7			SDG No.:	BF060624		
Lab Sample ID:	P2718-05			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 :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138147.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

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

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	MW-7	SDG No.:	BF060624
Lab Sample ID:	P2718-05	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
BF138147.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

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

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	MW-7	SDG No.:	BF060624
Lab Sample ID:	P2718-05	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
BF138147.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	47.109		10-139		31	SPK: -150
13127-88-3	Phenol-d6	27.521		10-134		18	SPK: -150
4165-60-0	Nitrobenzene-d5	84.062		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	79.846		52-132		80	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:	MW-7	SDG No.:	BF060624
Lab Sample ID:	P2718-05	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
BF138147.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161334

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	116.815		32-145		78	SPK: -150
1718-51-0	Terphenyl-d14	83.964		36-145		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	345742	6.904				
1146-65-2	Naphthalene-d8	1339505	8.186				
15067-26-2	Acenaphthene-d10	738872	9.939				
1517-22-2	Phenanthrene-d10	1192631	11.427				
1719-03-5	Chrysene-d12	518297	14.063				
1520-96-3	Perylene-d12	500299	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	130	J			2.216	
000770-35-4	1-Phenoxypropan-2-ol	2	J			8.492	
000057-10-3	n-Hexadecanoic acid	2	J			11.951	
074339-54-1	Trichloroacetic acid, hexadecyl es	3.6	J			13.91	



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

Hit Summary Sheet SW-846

SDG No.: BF060624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	WCS-TPU							
P2704-08	WCS-TPU	water	Benzidine	170.000		40.7	100	ug/L
			Total Svoc :			170.00		
			Total Concentration:			170.00		
Client ID :	WCS-TPN							
P2704-12	WCS-TPN	water	Benzidine	480.000		40.7	100	ug/L
			Total Svoc :			480.00		
			Total Concentration:			480.00		
Client ID :	WCS-TPC							
P2715-04	WCS-TPC	water	Benzidine	87.100	J	40.7	100	ug/L
			Total Svoc :			87.10		
			Total Concentration:			87.10		
Client ID :	WCS-TPM							
P2715-08	WCS-TPM	water	Benzidine	68.800	J	40.7	100	ug/L
			Total Svoc :			68.80		
			Total Concentration:			68.80		
Client ID :	MW-5B							
P2717-01	MW-5B	Water	1,3-Dimethyl-1-cyclohexene	*	28.000	J		
P2717-01	MW-5B	Water	1H-Indene, 2,3-dihydro-4-methyl-	*	20.200	J		
P2717-01	MW-5B	Water	Benzene, 1,2,3-trimethyl-	*	100.000	J		
P2717-01	MW-5B	Water	Benzene, 1,3-diethyl-	*	65.000	J		
P2717-01	MW-5B	Water	Benzene, 1-ethyl-2-methyl-	*	82.900	J		
P2717-01	MW-5B	Water	Benzene, 1-ethyl-3-methyl-	*	56.500	J		
P2717-01	MW-5B	Water	Benzene, 1-ethyl-4-methyl-	*	110.000	J		
P2717-01	MW-5B	Water	Benzene, 1-methyl-4-propyl-	*	40.600	J		
P2717-01	MW-5B	Water	Benzene, 2-ethenyl-1,4-dimethyl-	*	27.700	J		
P2717-01	MW-5B	Water	Benzene, 2-ethyl-1,4-dimethyl-	*	87.800	J		
P2717-01	MW-5B	Water	Benzene, propyl-	*	99.900	J		
P2717-01	MW-5B	Water	Butane, 2-methoxy-2-methyl-	*	130.000	J		
P2717-01	MW-5B	Water	Indane	*	86.900	J		
P2717-01	MW-5B	Water	o-Cymene	*	54.900	J		
P2717-01	MW-5B	Water	Oxirane, 2-methyl-2-phenyl-	*	71.900	J		
			Total Tics :			1,062.30		
P2717-01	MW-5B	Water	1-Methylnaphthalene		28.000	0.87	5.1	ug/L
P2717-01	MW-5B	Water	2-Methylnaphthalene		4.000	J 1.1	5.1	ug/L
P2717-01	MW-5B	Water	Naphthalene		42.800	1	5.1	ug/L
			Total Svoc :			74.80		



SDG No.: BF060624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	1,137.10				
Client ID :	MW-6A							
P2717-02	MW-6A	Water	Benzene, 1,2,3,4-tetramethyl-	*	9.100	J		
P2717-02	MW-6A	Water	Benzene, 1,2,3-trimethyl-	*	120.000	J		
P2717-02	MW-6A	Water	Benzene, 1,2,4,5-tetramethyl-	*	10.000	J		
P2717-02	MW-6A	Water	Benzene, 1,2,4-trimethyl-	*	42.200	J		
P2717-02	MW-6A	Water	Benzene, 1,3-dimethyl-	*	51.000	J		
P2717-02	MW-6A	Water	Benzene, 1,4-diethyl-	*	27.300	J		
P2717-02	MW-6A	Water	Benzene, 1-ethyl-2-methyl-	*	36.700	J		
P2717-02	MW-6A	Water	Benzene, 1-ethyl-4-methyl-	*	38.900	J		
P2717-02	MW-6A	Water	Benzene, 1-methyl-3-propyl-	*	12.100	J		
P2717-02	MW-6A	Water	Benzene, 2-ethenyl-1,4-dimethyl-	*	22.200	J		
P2717-02	MW-6A	Water	Benzene, 2-ethyl-1,3-dimethyl-	*	11.800	J		
P2717-02	MW-6A	Water	Benzene, 2-ethyl-1,4-dimethyl-	*	14.800	J		
P2717-02	MW-6A	Water	Benzene, propyl-	*	16.500	J		
P2717-02	MW-6A	Water	Benzoic acid, 3-methyl-	*	10.000	J		
P2717-02	MW-6A	Water	Butane, 2-methoxy-2-methyl-	*	130.000	J		
P2717-02	MW-6A	Water	Indane	*	21.600	J		
P2717-02	MW-6A	Water	Mesitylene	*	39.700	J		
P2717-02	MW-6A	Water	unknown10.039	*	27.000	J		
			Total Tics :	640.90				
P2717-02	MW-6A	Water	1-Methylnaphthalene		5.300	0.86	5	ug/L
P2717-02	MW-6A	Water	2-Methylnaphthalene		9.900	1.1	5	ug/L
P2717-02	MW-6A	Water	Acetophenone		28.400	1.1	5	ug/L
P2717-02	MW-6A	Water	Naphthalene		26.000	1	5	ug/L
			Total Svoc :	69.60				
			Total Concentration:	710.50				
Client ID :	PMW-1							
P2717-03	PMW-1	Water	Butane, 2-methoxy-2-methyl-	*	120.000	J		
			Total Tics :	120.00				
			Total Concentration:	120.00				
Client ID :	MW-1							
P2718-01	MW-1	Water	2-Pentanone, 4-hydroxy-4-methyl	*	2.400	A		
P2718-01	MW-1	Water	Butane, 2-methoxy-2-methyl-	*	120.000	J		
P2718-01	MW-1	Water	Cyclohexadecane	*	2.500	J		
P2718-01	MW-1	Water	unknown10.045	*	41.800	J		
			Total Tics :	166.70				
			Total Concentration:	166.70				
Client ID :	MW-2							

Hit Summary Sheet SW-846

SDG No.: BF060624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P2718-02	MW-2	Water	Butane, 2-methoxy-2-methyl-	*	130.000	J		
Total Tics :						130.00		
Total Concentration:						130.00		
Client ID : MW-4								
P2718-03	MW-4	Water	1,3-Dioxolane, 2,2,4-trimethyl-	*	11.000	J		
P2718-03	MW-4	Water	1-Phenoxypropan-2-ol	*	3.600	J		
P2718-03	MW-4	Water	2-Pentanone, 4-hydroxy-4-methyl	*	2.400	A		
P2718-03	MW-4	Water	5-Eicosene, (E)-	*	5.700	J		
P2718-03	MW-4	Water	Butane, 2-methoxy-2-methyl-	*	120.000	J		
P2718-03	MW-4	Water	n-Hexadecanoic acid	*	2.800	J		
Total Tics :						145.50		
Total Concentration:						145.50		
Client ID : MW-4B								
P2718-04	MW-4B	Water	1-Hentetracontanol	*	3.500	J		
P2718-04	MW-4B	Water	2-Methyltetracosane	*	2.200	J		
P2718-04	MW-4B	Water	Butane, 2-methoxy-2-methyl-	*	110.000	J		
P2718-04	MW-4B	Water	Octadecane	*	2.300	J		
Total Tics :						118.00		
Total Concentration:						118.00		
Client ID : MW-7								
P2718-05	MW-7	Water	1-Phenoxypropan-2-ol	*	2.000	J		
P2718-05	MW-7	Water	Butane, 2-methoxy-2-methyl-	*	130.000	J		
P2718-05	MW-7	Water	n-Hexadecanoic acid	*	2.000	J		
P2718-05	MW-7	Water	Trichloroacetic acid, hexadecyl es	*	3.600	J		
Total Tics :						137.60		
Total Concentration:						137.60		



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



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF060624 SAS No.: BF060624 SDG NO.: BF060624

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 6 2024 12:00AM

Lab File ID: BF138121.D Time Analyzed: 13:04

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	PB161334BL	484655	6.90	1.90968e	8.19	1.10688e	9.94
02	PB161335BS	525956	6.90	2.14789e	8.19	1.24223e	9.95
03	PB161335BL	501775	6.90	1.94632e	8.19	1.12263e	9.94
04	PB161196BS	534062	6.90	2.17823e	8.19	1.23931e	9.95
05	WCS-TPO	421963	6.90	1.62535e	8.19	953128	9.94
06	WCS-TPOMS	401345	6.90	1.60543e	8.19	915547	9.95
07	WCS-TPOMSD	350910	6.90	1.37392e	8.19	790750	9.95
08	WCS-TPU	396072	6.90	1.52996e	8.19	896811	9.94
09	WCS-TPN	385804	6.90	1.5004e+	8.19	860436	9.94
10	WCS-TPC	387891	6.90	1.5086e+	8.19	877922	9.94
11	WCS-TPM	396003	6.90	1.51106e	8.19	866791	9.94
12	MW-5B	397252	6.91	1.52647e	8.19	882880	9.94
13	MW-6A	367570	6.90	1.42238e	8.19	824063	9.94
14	PMW-1	391345	6.90	1.51215e	8.19	860582	9.94
15	MW-1	395723	6.90	1.53868e	8.19	880039	9.94
16	MW-2	377207	6.90	1.44575e	8.19	815241	9.94
17	MW-4	390332	6.90	1.50981e	8.19	861470	9.94
18	MW-4B	357535	6.90	1.39659e	8.19	772224	9.94
19	MW-7	345742	6.90	1.33951e	8.19	738872	9.94



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF060624 SAS No.: BF060624 SDG NO.: BF060624

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 6 2024 12:00AM

Lab File ID: BF138121.D Time Analyzed: 22:14

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.



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF060624 SAS No.: BF060624 SDG NO.: BF060624

EPA Sample No.: SSTDCCC040

Date Analyzed: Jun 6 2024 12:00AM

Lab File ID: BF138128.D

Time Analyzed: 13:04

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	440036	6.91	1.6911e+00	8.19	966481	9.95
	UPPER LIMIT	880072	7.41	3382200	8.692	1932962	10.445
	LOWER LIMIT	220018	6.41	845550	7.692	483240.5	9.445
	EPA SAMPLE NO.						
01	PB161334BL	484655	6.90	1.90968e	8.19	1.10688e	9.94
02	PB161335BS	525956	6.90	2.14789e	8.19	1.24223e	9.95
03	PB161335BL	501775	6.90	1.94632e	8.19	1.12263e	9.94
04	PB161196BS	534062	6.90	2.17823e	8.19	1.23931e	9.95
05	WCS-TPO	421963	6.90	1.62535e	8.19	953128	9.94
06	WCS-TPOMS	401345	6.90	1.60543e	8.19	915547	9.95
07	WCS-TPOMSD	350910	6.90	1.37392e	8.19	790750	9.95
08	WCS-TPU	396072	6.90	1.52996e	8.19	896811	9.94
09	WCS-TPN	385804	6.90	1.5004e+	8.19	860436	9.94
10	WCS-TPC	387891	6.90	1.5086e+	8.19	877922	9.94
11	WCS-TPM	396003	6.90	1.51106e	8.19	866791	9.94
12	MW-5B	397252	6.91	1.52647e	8.19	882880	9.94
13	MW-6A	367570	6.90	1.42238e	8.19	824063	9.94
14	PMW-1	391345	6.90	1.51215e	8.19	860582	9.94
15	MW-1	395723	6.90	1.53868e	8.19	880039	9.94
16	MW-2	377207	6.90	1.44575e	8.19	815241	9.94
17	MW-4	390332	6.90	1.50981e	8.19	861470	9.94
18	MW-4B	357535	6.90	1.39659e	8.19	772224	9.94
19	MW-7	345742	6.90	1.33951e	8.19	738872	9.94



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF060624 SAS No.: BF060624 SDG NO.: BF060624

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 6 2024 12:00AM

Lab File ID: BF138128.D Time Analyzed: 22:14

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	440036	6.91	1.6911e+00	8.19	966481	9.95
UPPER LIMIT	880072	7.41	3382200	8.692	1932962	10.445
LOWER LIMIT	220018	6.41	845550	7.692	483240.5	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.: BF060624 SAS No.: BF060624 SDG NO.: BF060624

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 6 2024 12:00AM

Lab File ID: BF138121.D Time Analyzed: 13:04

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+0	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	PB161334BL	2.02684	11.43	1.2828e+0	14.06	738909	15.55
02	PB161335BS	2.10599	11.43	1.11759e+	14.07	857206	15.55
03	PB161335BL	2.05665	11.43	1.21254e+	14.06	669188	15.55
04	PB161196BS	2.10769	11.43	1.13313e+	14.07	862304	15.55
05	WCS-TPO	1.71936	11.43	718416	14.06	555254	15.54
06	WCS-TPOMS	1.58212	11.43	705917	14.07	715469	15.55
07	WCS-TPOMSD	1.39658	11.43	678596	14.07	668869	15.55
08	WCS-TPU	1.68205	11.43	776838	14.06	534338	15.54
09	WCS-TPN	1.56361	11.43	688533	14.06	502277	15.55
10	WCS-TPC	1.60059	11.43	631071	14.06	479408	15.54
11	WCS-TPM	1.55356	11.43	604978	14.06	463036	15.54
12	MW-5B	1.48368	11.43	618168	14.06	580422	15.55
13	MW-6A	1.45187	11.43	602847	14.06	550354	15.54
14	PMW-1	1.45216	11.43	605755	14.06	554885	15.55
15	MW-1	1.45376	11.43	627210	14.06	606527	15.55
16	MW-2	1.36534	11.43	570513	14.06	532946	15.55
17	MW-4	1.46641	11.43	605852	14.06	560520	15.55
18	MW-4B	1.21897	11.43	563187	14.06	568374	15.55
19	MW-7	1.19263	11.43	518297	14.06	500299	15.55

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF060624 SAS No.: BF060624 SDG NO.: BF060624

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 6 2024 12:00AM

Lab File ID: BF138121.D Time Analyzed: 22:14

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+0	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.: BF060624 SAS No.: BF060624 SDG NO.: BF060624

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 6 2024 12:00AM

Lab File ID: BF138128.D Time Analyzed: 13:04

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	1.70697e+0	11.428	941541	14.069	736735	15.545
	UPPER LIMIT	3413940	11.928	1883082	14.569	1473470	16.045
	LOWER LIMIT	853485	10.928	470770.5	13.569	368367.5	15.045
	EPA SAMPLE NO.						
01	PB161334BL	2.02684	11.43	1.2828e+0	14.06	738909	15.55
02	PB161335BS	2.10599	11.43	1.11759e+	14.07	857206	15.55
03	PB161335BL	2.05665	11.43	1.21254e+	14.06	669188	15.55
04	PB161196BS	2.10769	11.43	1.13313e+	14.07	862304	15.55
05	WCS-TPO	1.71936	11.43	718416	14.06	555254	15.54
06	WCS-TPOMS	1.58212	11.43	705917	14.07	715469	15.55
07	WCS-TPOMSD	1.39658	11.43	678596	14.07	668869	15.55
08	WCS-TPU	1.68205	11.43	776838	14.06	534338	15.54
09	WCS-TPN	1.56361	11.43	688533	14.06	502277	15.55
10	WCS-TPC	1.60059	11.43	631071	14.06	479408	15.54
11	WCS-TPM	1.55356	11.43	604978	14.06	463036	15.54
12	MW-5B	1.48368	11.43	618168	14.06	580422	15.55
13	MW-6A	1.45187	11.43	602847	14.06	550354	15.54
14	PMW-1	1.45216	11.43	605755	14.06	554885	15.55
15	MW-1	1.45376	11.43	627210	14.06	606527	15.55
16	MW-2	1.36534	11.43	570513	14.06	532946	15.55
17	MW-4	1.46641	11.43	605852	14.06	560520	15.55
18	MW-4B	1.21897	11.43	563187	14.06	568374	15.55
19	MW-7	1.19263	11.43	518297	14.06	500299	15.55

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF060624 SAS No.: BF060624 SDG NO.: BF060624

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 6 2024 12:00AM

Lab File ID: BF138128.D Time Analyzed: 22:14

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	1.70697e+04	11.428	941541	14.069	736735	15.545
UPPER LIMIT	3413940	11.928	1883082	14.569	1473470	16.045
LOWER LIMIT	853485	10.928	470770.5	13.569	368367.5	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.: **BF060624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB161196BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1100	ug/Kg	65				28	98	
	Benzaldehyde	1700		ug/Kg	0		*		10	147	
	Aniline	1700	1000	ug/Kg	59				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	1400	ug/Kg	82				51	102	
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100	
	Benzyl Alcohol	1700	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	1300	ug/Kg	76				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	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1700	ug/Kg	100				61	111	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				67	119	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				53	105	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110	
	Benzoic acid	1700	1600	ug/Kg	94				10	140	
	Naphthalene	1700	1300	ug/Kg	76				62	100	
	4-Chloroaniline	1700	630	ug/Kg	37				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				53	98	
	Caprolactam	1700	1300	ug/Kg	76				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	3800	ug/Kg	115				45	134	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1300	ug/Kg	76				57	103	
	2-Chloronaphthalene	1700	1300	ug/Kg	76				58	99	
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101	
	Dimethylphthalate	1700	1400	ug/Kg	82				61	99	
	Acenaphthylene	1700	1400	ug/Kg	82				63	101	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1400	ug/Kg	82				57	104	
	Total PAH	27200	22500	ug/Kg	83				57	104	
	2,4-Dinitrophenol	3300	2900	ug/Kg	88				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF060624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161196BS	4-Nitrophenol	3300	3200	ug/Kg	97				48	119		
	Dibenzofuran	1700	1300	ug/Kg	76				63	99		
	2,4-Dinitrotoluene/2,6-Dinitrotc	3400	3100	ug/Kg	91				60	106		
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106		
	Diethylphthalate	1700	1300	ug/Kg	76				60	101		
	4-Chlorophenyl-phenylether	1700	1300	ug/Kg	76				58	98		
	Fluorene	1700	1300	ug/Kg	76				61	101		
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103		
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113		
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				56	107		
	Azobenzene	1700	1300	ug/Kg	76				54	103		
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				55	99		
	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98		
	Atrazine	1700	1500	ug/Kg	88				67	113		
	Pentachlorophenol	3300	3000	ug/Kg	91				67	105		
	Phenanthrene	1700	1300	ug/Kg	76				59	103		
	Anthracene	1700	1400	ug/Kg	82				61	105		
	Carbazole	1700	1300	ug/Kg	76				61	99		
	Di-n-butylphthalate	1700	1300	ug/Kg	76				58	104		
	Fluoranthene	1700	1300	ug/Kg	76				57	107		
	Benzidine	3300	1100	ug/Kg	33				10	98		
	Pyrene	1700	1400	ug/Kg	82				59	103		
	Butylbenzylphthalate	1700	1600	ug/Kg	94				55	103		
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				42	91		
	Benzo(a)anthracene	1700	1400	ug/Kg	82				60	102		
	Chrysene	1700	1400	ug/Kg	82				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	1400	ug/Kg	82				62	109		
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109		
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103		
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				63	101		
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112		
	Benzo(g,h,i)perylene	1700	1400	ug/Kg	82				70	108		
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101		
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96		
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108		
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF060624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB161335BS	n-Nitrosodimethylamine	50	42.3	ug/L	85				55	108	
	Pyridine	50	32.6	ug/L	65				29	97	
	Benzaldehyde	50		ug/L	0		*		15	121	
	Aniline	50	31.3	ug/L	63				10	130	
	Phenol	50	46.9	ug/L	94				66	118	
	bis(2-Chloroethyl)ether	50	43.6	ug/L	87				62	103	
	2-Chlorophenol	50	46.9	ug/L	94				70	117	
	1,2-Dichlorobenzene	50	42.6	ug/L	85				72	102	
	1,3-Dichlorobenzene	50	40.8	ug/L	82				71	103	
	1,4-Dichlorobenzene	50	41.1	ug/L	82				76	103	
	Benzyl Alcohol	50	46.4	ug/L	93				36	93	
	2-Methylphenol	50	45.2	ug/L	90				69	109	
	2,2-oxybis(1-Chloropropane)	50	43.2	ug/L	86				52	103	
	Acetophenone	50	40.8	ug/L	82				60	104	
	3+4-Methylphenols	50	44	ug/L	88				67	106	
	N-Nitroso-di-n-propylamine	50	42.7	ug/L	85				57	107	
	Hexachloroethane	50	42.3	ug/L	85				76	118	
	Nitrobenzene	50	44.3	ug/L	89				58	106	
	Isophorone	50	41.4	ug/L	83				61	102	
	2-Nitrophenol	50	50.2	ug/L	100				70	115	
	2,4-Dimethylphenol	50	48.8	ug/L	98				67	130	
	bis(2-Chloroethoxy)methane	50	42.2	ug/L	84				58	109	
	2,4-Dichlorophenol	50	45.9	ug/L	92				66	115	
	1,2,4-Trichlorobenzene	50	41.1	ug/L	82				41	115	
	Benzoic acid	50	50.3	ug/L	101				10	125	
	Naphthalene	50	40	ug/L	80				64	107	
	4-Chloroaniline	50	19.2	ug/L	38				10	85	
	Hexachlorobutadiene	50	39.5	ug/L	79				69	101	
	Caprolactam	50	40.2	ug/L	80				58	128	
	4-Chloro-3-methylphenol	50	44.8	ug/L	90				65	114	
	2-Methylnaphthalene	50	40.7	ug/L	81				64	107	
	Hexachlorocyclopentadiene	100	110	ug/L	110				36	160	
	2,4,6-Trichlorophenol	50	46.8	ug/L	94				61	110	
	2,4,5-Trichlorophenol	50	44.8	ug/L	90				70	106	
	1,1-Biphenyl	50	39.8	ug/L	80				72	98	
	2-Chloronaphthalene	50	39.6	ug/L	79				59	106	
	2-Nitroaniline	50	45.8	ug/L	92				58	107	
	Dimethylphthalate	50	41	ug/L	82				64	103	
	Acenaphthylene	50	41.9	ug/L	84				65	108	
	2,6-Dinitrotoluene	50	43.3	ug/L	87				64	110	
	3-Nitroaniline	50	31.6	ug/L	63				28	100	
	Acenaphthene	50	42.9	ug/L	86				59	113	
	Total PAH	800	675.9	ug/L	84				59	113	
	2,4-Dinitrophenol	100	85.2	ug/L	85				64	132	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF060624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161335BS	4-Nitrophenol	100	98.3	ug/L	98				68	116		
	Dibenzofuran	50	40	ug/L	80				65	106		
	2,4-Dinitrotoluene	50	46.3	ug/L	93				60	115		
	2,4-Dinitrotoluene/2,6-Dinitro	100	89.6	ug/L	90				60	115		
	Diethylphthalate	50	39.9	ug/L	80				63	105		
	4-Chlorophenyl-phenylether	50	38.6	ug/L	77				61	104		
	Fluorene	50	37.8	ug/L	76				64	107		
	4-Nitroaniline	50	47.7	ug/L	95				69	112		
	4,6-Dinitro-2-methylphenol	50	50.4	ug/L	101				62	132		
	N-Nitrosodiphenylamine	50	42.6	ug/L	85				61	109		
	Azobenzene	50	39.7	ug/L	79				59	106		
	4-Bromophenyl-phenylether	50	42.7	ug/L	85				73	103		
	Hexachlorobenzene	50	42	ug/L	84				73	106		
	Atrazine	50	45.6	ug/L	91				76	120		
	Pentachlorophenol	100	89	ug/L	89				47	114		
	Phenanthrene	50	40.2	ug/L	80				62	109		
	Anthracene	50	41	ug/L	82				65	110		
	Carbazole	50	39.7	ug/L	79				62	106		
	Di-n-butylphthalate	50	39.1	ug/L	78				64	106		
	Fluoranthene	50	38	ug/L	76				64	110		
	Benzidine	100	31.5	ug/L	32				10	94		
	Pyrene	50	42.1	ug/L	84				71	103		
	Butylbenzylphthalate	50	49.7	ug/L	99				61	105		
	3,3-Dichlorobenzidine	50	36.3	ug/L	73				43	108		
	Benzo(a)anthracene	50	41.3	ug/L	83				62	107		
	Chrysene	50	42.3	ug/L	85				61	108		
	bis(2-Ethylhexyl)phthalate	50	44.5	ug/L	89				59	110		
	Di-n-octyl phthalate	50	47	ug/L	94				67	126		
	Benzo(b)fluoranthene	50	42.5	ug/L	85				77	113		
	Benzo(k)fluoranthene	50	45.8	ug/L	92				64	113		
	Benzo(a)pyrene	50	48.3	ug/L	97				72	131		
	Indeno(1,2,3-cd)pyrene	50	45	ug/L	90				72	105		
	Dibenz(a,h)anthracene	50	45	ug/L	90				78	115		
	Benzo(g,h,i)perylene	50	41.8	ug/L	84				75	118		
	1,2,4,5-Tetrachlorobenzene	50	41	ug/L	82				72	101		
	1,4-Dioxane	50	32.6	ug/L	65				38	125		
	2,3,4,6-Tetrachlorophenol	50	47	ug/L	94				63	116		
	1-Methylnaphthalene	50	38.7	ug/L	77				51	114		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161196BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF060624

SAS No.: BF060624 SDG NO.: BF060624

Lab File ID: BF138132.D

Lab Sample ID: PB161196BS

Instrument ID: BNA_F

Date Extracted: 05/30/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/06/2024

Level: (low/med) LOW

Time Analyzed: 14:36

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161196BS	PB161196BS	BF138132.D	06/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161334BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF060624

SAS No.: BF060624 SDG NO.: BF060624

Lab File ID: BF138129.D

Lab Sample ID: PB161334BL

Instrument ID: BNA_F

Date Extracted: 06/05/2024

Matrix: (soil/water) Water

Date Analyzed: 06/06/2024

Level: (low/med) LOW

Time Analyzed: 13:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MW-5B	P2717-01	BF138140.D	06/06/2024
MW-6A	P2717-02	BF138141.D	06/06/2024
PMW-1	P2717-03	BF138142.D	06/06/2024
MW-1	P2718-01	BF138143.D	06/06/2024
MW-2	P2718-02	BF138144.D	06/06/2024
MW-4	P2718-03	BF138145.D	06/06/2024
MW-4B	P2718-04	BF138146.D	06/06/2024
MW-7	P2718-05	BF138147.D	06/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161335BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF060624

SAS No.: BF060624 SDG NO.: BF060624

Lab File ID: BF138131.D

Lab Sample ID: PB161335BL

Instrument ID: BNA_F

Date Extracted: 06/05/2024

Matrix: (soil/water) water

Date Analyzed: 06/06/2024

Level: (low/med) LOW

Time Analyzed: 14:07

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161335BS	PB161335BS	BF138130.D	06/06/2024
WCS-TPO	P2704-04	BF138133.D	06/06/2024
WCS-TPOMS	P2704-04MS	BF138134.D	06/06/2024
WCS-TPOMSD	P2704-04MSD	BF138135.D	06/06/2024
WCS-TPU	P2704-08	BF138136.D	06/06/2024
WCS-TPN	P2704-12	BF138137.D	06/06/2024
WCS-TPC	P2715-04	BF138138.D	06/06/2024
WCS-TPM	P2715-08	BF138139.D	06/06/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF060624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2704-04MS		Client Sample ID: WCS-TPOMS		DataFile: BF138134.D							
n-Nitrosodimethylamine	500		420	ug/L	84				10	130	
Pyridine	500		290	ug/L	58				10	109	
Benzaldehyde	500			ug/L	0	*			10	137	
Aniline	500		160	ug/L	32				10	130	
Phenol	500		420	ug/L	84				10	130	
bis(2-Chloroethyl)ether	500		440	ug/L	88				29	141	
2-Chlorophenol	500		470	ug/L	94				23	127	
1,2-Dichlorobenzene	500		420	ug/L	84				61	114	
1,3-Dichlorobenzene	500		400	ug/L	80				65	106	
1,4-Dichlorobenzene	500		410	ug/L	82				55	125	
Benzyl Alcohol	500		470	ug/L	94				31	94	
2-Methylphenol	500		450	ug/L	90				23	132	
2,2-oxybis(1-Chloropropane)	500		430	ug/L	86				36	141	
Acetophenone	500		430	ug/L	86				31	164	
3+4-Methylphenols	500		460	ug/L	92				17	136	
N-Nitroso-di-n-propylamine	500		450	ug/L	90				36	147	
Hexachloroethane	500		410	ug/L	82				35	137	
Nitrobenzene	500		460	ug/L	92				40	134	
Isophorone	500		440	ug/L	88				39	146	
2-Nitrophenol	500		530	ug/L	106				30	148	
2,4-Dimethylphenol	500		510	ug/L	102				17	143	
bis(2-Chloroethoxy)methane	500		440	ug/L	88				39	143	
2,4-Dichlorophenol	500		490	ug/L	98				22	146	
1,2,4-Trichlorobenzene	500		420	ug/L	84				66	110	
Benzoic acid	500		500	ug/L	100				10	101	
Naphthalene	500		420	ug/L	84				17	157	
4-Chloroaniline	500		39.9	ug/L	8	*			10	95	
Hexachlorobutadiene	500		400	ug/L	80				52	125	
Caprolactam	500		430	ug/L	86				10	130	
4-Chloro-3-methylphenol	500		480	ug/L	96				17	148	
2-Methylnaphthalene	500		440	ug/L	88				38	146	
Hexachlorocyclopentadiene	1000		1300	ug/L	130				20	153	
2,4,6-Trichlorophenol	500		510	ug/L	102				46	139	
2,4,5-Trichlorophenol	500		500	ug/L	100				42	129	
1,1-Biphenyl	500		450	ug/L	90				38	154	
2-Chloronaphthalene	500		440	ug/L	88				41	145	
2-Nitroaniline	500		500	ug/L	100				39	151	
Dimethylphthalate	500		480	ug/L	96				42	147	
Acenaphthylene	500		480	ug/L	96				40	141	
2,6-Dinitrotoluene	500		490	ug/L	98				43	148	
3-Nitroaniline	500		130	ug/L	26				10	111	
Acenaphthene	500		490	ug/L	98				37	146	
Total PAH	8000		7310	ug/L	91				37	146	
2,4-Dinitrophenol	1000		940	ug/L	94				14	167	
4-Nitrophenol	1000		920	ug/L	92				10	130	
Dibenzofuran	500		460	ug/L	92				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF060624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		530	ug/L	106				40	151	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1020	ug/L	102				40	151	
Diethylphthalate	500		460	ug/L	92				41	148	
4-Chlorophenyl-phenylether	500		450	ug/L	90				38	149	
Fluorene	500		450	ug/L	90				39	144	
4-Nitroaniline	500		440	ug/L	88				27	138	
4,6-Dinitro-2-methylphenol	500		540	ug/L	108				32	175	
N-Nitrosodiphenylamine	500		460	ug/L	92				40	150	
Azobenzene	500		460	ug/L	92				72	112	
4-Bromophenyl-phenylether	500		490	ug/L	98				42	151	
Hexachlorobenzene	500		470	ug/L	94				60	129	
Atrazine	500		260	ug/L	52				20	162	
Pentachlorophenol	1000		1000	ug/L	100				15	137	
Phenanthrene	500		460	ug/L	92				40	147	
Anthracene	500		470	ug/L	94				41	146	
Carbazole	500		400	ug/L	80				37	154	
Di-n-butylphthalate	500		450	ug/L	90				40	151	
Fluoranthene	500		410	ug/L	82				42	146	
Benzidine	1000		81.8	ug/L	8	*			10	130	
Pyrene	500		520	ug/L	104				41	149	
Butylbenzylphthalate	500		580	ug/L	116				39	155	
3,3-Dichlorobenzidine	500		82.3	ug/L	16				10	114	
Benzo(a)anthracene	500		480	ug/L	96				41	147	
Chrysene	500		490	ug/L	98				44	144	
bis(2-Ethylhexyl)phthalate	500		520	ug/L	104				33	160	
Di-n-octyl phthalate	500		550	ug/L	110				36	158	
Benzo(b)fluoranthene	500		470	ug/L	94				40	150	
Benzo(k)fluoranthene	500		450	ug/L	90				40	147	
Benzo(a)pyrene	500		510	ug/L	102				42	147	
Indeno(1,2,3-cd)pyrene	500		420	ug/L	84				30	166	
Dibenz(a,h)anthracene	500		410	ug/L	82				23	172	
Benzo(g,h,i)perylene	500		380	ug/L	76				27	167	
1,2,4,5-Tetrachlorobenzene	500		450	ug/L	90				89	102	
1,4-Dioxane	500		340	ug/L	68				38	130	
2,3,4,6-Tetrachlorophenol	500		540	ug/L	108				91	111	
1-Methylnaphthalene	500		420	ug/L	84				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF060624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2704-04MSD		Client Sample ID: WCS-TPOMSD		DataFile: BF138135.D							
n-Nitrosodimethylamine	500		430	ug/L	86		2		10	130	20
Pyridine	500		300	ug/L	60		3		10	109	20
Benzaldehyde	500			ug/L	0	*			10	137	20
Aniline	500		150	ug/L	30		6		10	130	20
Phenol	500		420	ug/L	84		0		10	130	20
bis(2-Chloroethyl)ether	500		440	ug/L	88		0		29	141	20
2-Chlorophenol	500		470	ug/L	94		0		23	127	20
1,2-Dichlorobenzene	500		430	ug/L	86		2		61	114	20
1,3-Dichlorobenzene	500		410	ug/L	82		2		65	106	20
1,4-Dichlorobenzene	500		410	ug/L	82		0		55	125	20
Benzyl Alcohol	500		460	ug/L	92		2		31	94	20
2-Methylphenol	500		450	ug/L	90		0		23	132	20
2,2-oxybis(1-Chloropropane)	500		440	ug/L	88		2		36	141	20
Acetophenone	500		440	ug/L	88		2		31	164	20
3+4-Methylphenols	500		460	ug/L	92		0		17	136	20
N-Nitroso-di-n-propylamine	500		450	ug/L	90		0		36	147	20
Hexachloroethane	500		420	ug/L	84		2		35	137	20
Nitrobenzene	500		480	ug/L	96		4		40	134	20
Isophorone	500		450	ug/L	90		2		39	146	20
2-Nitrophenol	500		530	ug/L	106		0		30	148	20
2,4-Dimethylphenol	500		520	ug/L	104		2		17	143	20
bis(2-Chloroethoxy)methane	500		450	ug/L	90		2		39	143	20
2,4-Dichlorophenol	500		500	ug/L	100		2		22	146	20
1,2,4-Trichlorobenzene	500		430	ug/L	86		2		66	110	20
Benzoic acid	500		500	ug/L	100		0		10	101	20
Naphthalene	500		440	ug/L	88		5		17	157	20
4-Chloroaniline	500		58.4	ug/L	12		40	*	10	95	20
Hexachlorobutadiene	500		410	ug/L	82		2		52	125	20
Caprolactam	500		440	ug/L	88		2		10	130	20
4-Chloro-3-methylphenol	500		490	ug/L	98		2		17	148	20
2-Methylnaphthalene	500		460	ug/L	92		4		38	146	20
Hexachlorocyclopentadiene	1000		1400	ug/L	140		7		20	153	20
2,4,6-Trichlorophenol	500		520	ug/L	104		2		46	139	20
2,4,5-Trichlorophenol	500		510	ug/L	102		2		42	129	20
1,1-Biphenyl	500		470	ug/L	94		4		38	154	20
2-Chloronaphthalene	500		450	ug/L	90		2		41	145	20
2-Nitroaniline	500		510	ug/L	102		2		39	151	20
Dimethylphthalate	500		490	ug/L	98		2		42	147	20
Acenaphthylene	500		500	ug/L	100		4		40	141	20
2,6-Dinitrotoluene	500		500	ug/L	100		2		43	148	20
3-Nitroaniline	500		120	ug/L	24		8		10	111	20
Acenaphthene	500		500	ug/L	100		2		37	146	20
Total PAH	8000		7510	ug/L	94		3		37	146	20
2,4-Dinitrophenol	1000		940	ug/L	94		0		14	167	20
4-Nitrophenol	1000		960	ug/L	96		4		10	130	20
Dibenzofuran	500		480	ug/L	96		4		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF060624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		550	ug/L	110		4		40	151	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1050	ug/L	105		3		40	151	20
Diethylphthalate	500		480	ug/L	96		4		41	148	20
4-Chlorophenyl-phenylether	500		470	ug/L	94		4		38	149	20
Fluorene	500		470	ug/L	94		4		39	144	20
4-Nitroaniline	500		470	ug/L	94		7		27	138	20
4,6-Dinitro-2-methylphenol	500		550	ug/L	110		2		32	175	20
N-Nitrosodiphenylamine	500		460	ug/L	92		0		40	150	20
Azobenzene	500		480	ug/L	96		4		72	112	20
4-Bromophenyl-phenylether	500		480	ug/L	96		2		42	151	20
Hexachlorobenzene	500		480	ug/L	96		2		60	129	20
Atrazine	500		290	ug/L	58		11		20	162	20
Pentachlorophenol	1000		1000	ug/L	100		0		15	137	20
Phenanthrene	500		480	ug/L	96		4		40	147	20
Anthracene	500		490	ug/L	98		4		41	146	20
Carbazole	500		430	ug/L	86		7		37	154	20
Di-n-butylphthalate	500		490	ug/L	98		9		40	151	20
Fluoranthene	500		440	ug/L	88		7		42	146	20
Benzidine	1000		100	ug/L	10		22	*	10	130	20
Pyrene	500		520	ug/L	104		0		41	149	20
Butylbenzylphthalate	500		620	ug/L	124		7		39	155	20
3,3-Dichlorobenzidine	500		85.7	ug/L	17		6		10	114	20
Benzo(a)anthracene	500		490	ug/L	98		2		41	147	20
Chrysene	500		500	ug/L	100		2		44	144	20
bis(2-Ethylhexyl)phthalate	500		540	ug/L	108		4		33	160	20
Di-n-octyl phthalate	500		560	ug/L	112		2		36	158	20
Benzo(b)fluoranthene	500		480	ug/L	96		2		40	150	20
Benzo(k)fluoranthene	500		480	ug/L	96		6		40	147	20
Benzo(a)pyrene	500		530	ug/L	106		4		42	147	20
Indeno(1,2,3-cd)pyrene	500		420	ug/L	84		0		30	166	20
Dibenz(a,h)anthracene	500		400	ug/L	80		2		23	172	20
Benzo(g,h,i)perylene	500		370	ug/L	74		3		27	167	20
1,2,4,5-Tetrachlorobenzene	500		460	ug/L	92		2		89	102	20
1,4-Dioxane	500		350	ug/L	70		3		38	130	20
2,3,4,6-Tetrachlorophenol	500		550	ug/L	110		2		91	111	20
1-Methylnaphthalene	500		440	ug/L	88		5		25	151	20



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Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BF060624

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161196BS	PB161196BS	BF138132.D	2-Fluorophenol	150	120.33	80		18	112
			Phenol-d6	150	122.68	82		15	107
			Nitrobenzene-d5	100	93.67	94		18	107
			2-Fluorobiphenyl	100	77.17	77		20	109
			2,4,6-Tribromophenol	150	126.42	84		10	110
			Terphenyl-d14	100	78.11	78		14	112

Surrogate Summary

SW-846

SDG No.: **BF060624**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2717-01	MW-5B	BF138140.D	2-Fluorophenol	150	16.48	11		10	139
			Phenol-d6	150	22.60	15		10	134
			Nitrobenzene-d5	100	79.77	80		49	133
			2-Fluorobiphenyl	100	77.28	77		52	132
			2,4,6-Tribromophenol	150	83.99	56		32	145
			Terphenyl-d14	100	90.89	91		36	145
P2717-02	MW-6A	BF138141.D	2-Fluorophenol	150	50.27	34		10	139
			Phenol-d6	150	35.95	24		10	134
			Nitrobenzene-d5	100	91.63	92		49	133
			2-Fluorobiphenyl	100	81.17	81		52	132
			2,4,6-Tribromophenol	150	135.92	91		32	145
			Terphenyl-d14	100	94.62	95		36	145
P2717-03	PMW-1	BF138142.D	2-Fluorophenol	150	54.94	37		10	139
			Phenol-d6	150	34.52	23		10	134
			Nitrobenzene-d5	100	91.90	92		49	133
			2-Fluorobiphenyl	100	81.93	82		52	132
			2,4,6-Tribromophenol	150	131.78	88		32	145
			Terphenyl-d14	100	100.22	100		36	145
P2718-01	MW-1	BF138143.D	2-Fluorophenol	150	30.50	20		10	139
			Phenol-d6	150	21.50	14		10	134
			Nitrobenzene-d5	100	88.24	88		49	133
			2-Fluorobiphenyl	100	77.76	78		52	132
			2,4,6-Tribromophenol	150	76.05	51		32	145
			Terphenyl-d14	100	89.50	89		36	145
P2718-02	MW-2	BF138144.D	2-Fluorophenol	150	50.10	33		10	139
			Phenol-d6	150	30.99	21		10	134
			Nitrobenzene-d5	100	87.28	87		49	133
			2-Fluorobiphenyl	100	80.07	80		52	132
			2,4,6-Tribromophenol	150	115.18	77		32	145
			Terphenyl-d14	100	98.19	98		36	145
P2718-03	MW-4	BF138145.D	2-Fluorophenol	150	48.51	32		10	139
			Phenol-d6	150	29.60	20		10	134
			Nitrobenzene-d5	100	80.30	80		49	133
			2-Fluorobiphenyl	100	72.42	72		52	132
			2,4,6-Tribromophenol	150	116.74	78		32	145
			Terphenyl-d14	100	87.50	87		36	145
P2718-04	MW-4B	BF138146.D	2-Fluorophenol	150	47.85	32		10	139
			Phenol-d6	150	28.94	19		10	134
			Nitrobenzene-d5	100	82.30	82		49	133
			2-Fluorobiphenyl	100	79.82	80		52	132
			2,4,6-Tribromophenol	150	124.68	83		32	145
			Terphenyl-d14	100	87.74	88		36	145
P2718-05	MW-7	BF138147.D	2-Fluorophenol	150	47.11	31		10	139
			Phenol-d6	150	27.52	18		10	134
			Nitrobenzene-d5	100	84.06	84		49	133
			2-Fluorobiphenyl	100	79.85	80		52	132
			2,4,6-Tribromophenol	150	116.82	78		32	145
			Terphenyl-d14	100	83.96	84		36	145
PB161334BL	PB161334BL	BF138129.D	2-Fluorophenol	150	127.40	85		10	139



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Surrogate Summary

SW-846

SDG No.: BF060624

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161334BL	PB161334BL	BF138129.D	Phenol-d6	150	122.88	82		10	134
			Nitrobenzene-d5	100	97.62	98		49	133
			2-Fluorobiphenyl	100	83.23	83		52	132
			2,4,6-Tribromophenol	150	137.14	91		32	145
			Terphenyl-d14	100	73.58	74		36	145

Surrogate Summary

SW-846

SDG No.: **BF060624**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2704-04	WCS-TPO	BF138133.D	2-Fluorophenol	150	115.28	77		10	139
			Phenol-d6	150	108.24	72		10	134
			Nitrobenzene-d5	100	96.07	96		49	133
			2-Fluorobiphenyl	100	80.82	81		52	132
			2,4,6-Tribromophenol	150	140.45	94		32	145
			Terphenyl-d14	100	105.20	105		36	145
P2704-04MS	WCS-TPOMS	BF138134.D	2-Fluorophenol	150	114.80	77		10	139
			Phenol-d6	150	109.97	73		10	134
			Nitrobenzene-d5	100	94.27	94		49	133
			2-Fluorobiphenyl	100	81.49	81		52	132
			2,4,6-Tribromophenol	150	134.66	90		32	145
			Terphenyl-d14	100	93.44	93		36	145
P2704-04MSD	WCS-TPOMSD	BF138135.D	2-Fluorophenol	150	116.58	78		10	139
			Phenol-d6	150	110.82	74		10	134
			Nitrobenzene-d5	100	97.72	98		49	133
			2-Fluorobiphenyl	100	85.70	86		52	132
			2,4,6-Tribromophenol	150	140.36	94		32	145
			Terphenyl-d14	100	95.00	95		36	145
P2704-08	WCS-TPU	BF138136.D	2-Fluorophenol	150	115.37	77		10	139
			Phenol-d6	150	107.75	72		10	134
			Nitrobenzene-d5	100	96.68	97		49	133
			2-Fluorobiphenyl	100	80.97	81		52	132
			2,4,6-Tribromophenol	150	144.11	96		32	145
			Terphenyl-d14	100	98.05	98		36	145
P2704-12	WCS-TPN	BF138137.D	2-Fluorophenol	150	116.57	78		10	139
			Phenol-d6	150	108.30	72		10	134
			Nitrobenzene-d5	100	97.12	97		49	133
			2-Fluorobiphenyl	100	84.56	85		52	132
			2,4,6-Tribromophenol	150	147.10	98		32	145
			Terphenyl-d14	100	107.99	108		36	145
P2715-04	WCS-TPC	BF138138.D	2-Fluorophenol	150	108.55	72		10	139
			Phenol-d6	150	102.08	68		10	134
			Nitrobenzene-d5	100	89.46	89		49	133
			2-Fluorobiphenyl	100	79.89	80		52	132
			2,4,6-Tribromophenol	150	135.38	90		32	145
			Terphenyl-d14	100	113.72	114		36	145
P2715-08	WCS-TPM	BF138139.D	2-Fluorophenol	150	110.69	74		10	139
			Phenol-d6	150	104.11	69		10	134
			Nitrobenzene-d5	100	92.17	92		49	133
			2-Fluorobiphenyl	100	83.03	83		52	132
			2,4,6-Tribromophenol	150	137.89	92		32	145
			Terphenyl-d14	100	115.41	115		36	145
PB161335BL	PB161335BL	BF138131.D	2-Fluorophenol	150	120.22	80		10	139
			Phenol-d6	150	118.90	79		10	134
			Nitrobenzene-d5	100	95.26	95		49	133
			2-Fluorobiphenyl	100	80.44	80		52	132
			2,4,6-Tribromophenol	150	132.38	88		32	145
			Terphenyl-d14	100	75.28	75		36	145
PB161335BS	PB161335BS	BF138130.D	2-Fluorophenol	150	121.24	81		10	139



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Surrogate Summary

SW-846

SDG No.: BF060624

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161335BS	PB161335BS	BF138130.D	Phenol-d6	150	123.56	82		10	134
			Nitrobenzene-d5	100	93.67	94		49	133
			2-Fluorobiphenyl	100	76.54	77		52	132
			2,4,6-Tribromophenol	150	125.53	84		32	145
			Terphenyl-d14	100	77.69	78		36	145

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF060624

Lab Code: CHEM

SAS No.: BF060624

SDG NO.: BF060624

Lab File ID: BF138127.D

DFTPP Injection Date: 06/06/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.1
68	Less than 2.0% of mass 69	0.4 (1.7) 1
69	Mass 69 relative abundance	26
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	39.1
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	6.3
275	10.0 - 60.0% of mass 198	28.5
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	16.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	20.1 (20.1) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF138128.D	06/06/2024	11:28
PB161334BL	PB161334BL	BF138129.D	06/06/2024	13:04
PB161335BS	PB161335BS	BF138130.D	06/06/2024	13:37
PB161335BL	PB161335BL	BF138131.D	06/06/2024	14:07
PB161196BS	PB161196BS	BF138132.D	06/06/2024	14:36
WCS-TPO	P2704-04	BF138133.D	06/06/2024	15:11
WCS-TPOMS	P2704-04MS	BF138134.D	06/06/2024	15:41
WCS-TPOMSD	P2704-04MSD	BF138135.D	06/06/2024	16:11
WCS-TPU	P2704-08	BF138136.D	06/06/2024	16:42
WCS-TPN	P2704-12	BF138137.D	06/06/2024	17:12
WCS-TPC	P2715-04	BF138138.D	06/06/2024	17:43
WCS-TPM	P2715-08	BF138139.D	06/06/2024	18:13
MW-5B	P2717-01	BF138140.D	06/06/2024	18:44
MW-6A	P2717-02	BF138141.D	06/06/2024	19:15
PMW-1	P2717-03	BF138142.D	06/06/2024	19:45
MW-1	P2718-01	BF138143.D	06/06/2024	20:15
MW-2	P2718-02	BF138144.D	06/06/2024	20:45
MW-4	P2718-03	BF138145.D	06/06/2024	21:14

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF060624

Lab Code: CHEM

SAS No.: BF060624

SDG NO.: BF060624

Lab File ID: BF138127.D

DFTPP Injection Date: 06/06/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.1
68	Less than 2.0% of mass 69	0.4 (1.7) 1
69	Mass 69 relative abundance	26
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	39.1
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	6.3
275	10.0 - 60.0% of mass 198	28.5
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	16.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	20.1 (20.1) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
MW-4B	P2718-04	BF138146.D	06/06/2024	21:44
MW-7	P2718-05	BF138147.D	06/06/2024	22:14