

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF060324 SAS No.: BF060324 SDG No.: BF060324

Instrument ID: BNA_F Calibration Date/Time: 6/3/2024 12:09:57

Lab File ID: BF138096.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	0.471	0.485		2.972	
Pyridine	1.073	1.162		8.295	
2-Fluorophenol	1.119	1.096		-2.055	
Benzaldehyde	0.640	0.569		-11.094	
Aniline	0.619	1.093		76.575	
Phenol-d6	1.441	1.407		-2.359	
Phenol	1.427	1.416		-0.771	20.0
bis(2-Chloroethyl) ether	1.181	1.143		-3.218	
2-Chlorophenol	1.283	1.264		-1.481	
1,2-Dichlorobenzene	1.419	1.377		-2.96	
1,3-Dichlorobenzene	1.491	1.462		-1.945	
1,4-Dichlorobenzene	1.499	1.473		-1.734	20.0
Benzyl Alcohol	0.596	0.675		13.255	
2-Methylphenol	1.030	0.998		-3.107	
2,2-oxybis(1-Chloropropane)	1.301	1.316		1.153	
Acetophenone	0.451	0.441		-2.217	
3+4-Methylphenols	1.295	1.269		-2.008	
n-Nitroso-di-n-propylamine	0.835	0.790	0.050	-5.389	
Nitrobenzene-d5	0.343	0.340		-0.875	
Hexachloroethane	0.509	0.495		-2.75	
Nitrobenzene	0.342	0.341		-0.292	
Isophorone	0.592	0.585		-1.182	
2-Nitrophenol	0.183	0.185		1.093	20.0
2,4-Dimethylphenol	0.219	0.222		1.37	
bis(2-Chloroethoxy) methane	0.362	0.364		0.552	
2,4-Dichlorophenol	0.293	0.295		0.683	20.0
1,2,4-Trichlorobenzene	0.325	0.320		-1.538	
Benzoic acid	0.149	0.164		10.067	
Naphthalene	1.029	1.005		-2.332	
4-Chloroaniline	0.347	0.355		2.305	
Hexachlorobutadiene	0.210	0.203		-3.333	20.0
Caprolactam	0.089	0.090		1.124	
4-Chloro-3-methylphenol	0.294	0.295		0.34	20.0
2-Methylnaphthalene	0.677	0.660		-2.511	
Hexachlorocyclopentadiene	0.198	0.197	0.050	-0.505	
2,4,6-Trichlorophenol	0.377	0.370		-1.857	20.0
2-Fluorobiphenyl	1.349	1.271		-5.782	
2,4,5-Trichlorophenol	0.411	0.406		-1.217	
1,1-Biphenyl	1.438	1.389		-3.408	

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Lab File ID: BF138096.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	1.154	1.114		-3.466	
2-Nitroaniline	0.289	0.292		1.038	
Dimethylphthalate	1.325	1.286		-2.943	
Acenaphthylene	1.651	1.624		-1.635	
2,6-Dinitrotoluene	0.304	0.306		0.658	
3-Nitroaniline	0.290	0.295		1.724	
Acenaphthene	1.046	1.014		-3.059	20.0
2,4-Dinitrophenol	0.148	0.151	0.050	2.027	
4-Nitrophenol	0.193	0.209	0.050	8.29	
Dibenzofuran	1.606	1.568		-2.366	
2,4-Dinitrotoluene	0.401	0.406		1.247	
Diethylphthalate	1.259	1.241		-1.43	
4-Chlorophenyl-phenylether	0.653	0.634		-2.91	
Fluorene	1.294	1.250		-3.4	
4-Nitroaniline	0.263	0.271		3.042	
4,6-Dinitro-2-methylphenol	0.125	0.128		2.4	
n-Nitrosodiphenylamine	0.622	0.613		-1.447	20.0
Azobenzene	1.082	1.078		-0.37	
2,4,6-Tribromophenol	0.233	0.223		-4.292	
4-Bromophenyl-phenylether	0.234	0.229		-2.137	
Hexachlorobenzene	0.260	0.249		-4.231	
Atrazine	0.172	0.179		4.07	
Pentachlorophenol	0.135	0.140		3.704	20.0
Phenanthrene	1.006	0.979		-2.684	
Anthracene	1.003	0.973		-2.991	
Carbazole	0.932	0.912		-2.146	
Di-n-butylphthalate	1.113	1.100		-1.168	
Fluoranthene	1.061	1.047		-1.32	20.0
Benzidine	0.192	0.191		-0.521	
Pyrene	1.699	1.723		1.413	
Terphenyl-d14	1.383	1.374		-0.651	
Butylbenzylphthalate	0.617	0.626		1.459	
3,3-Dichlorobenzidine	0.350	0.335		-4.286	
Benzo(a)anthracene	1.306	1.296		-0.766	
Chrysene	1.233	1.208		-2.028	
Bis(2-ethylhexyl)phthalate	0.839	0.862		2.741	
Di-n-octyl phthalate	1.230	1.246		1.301	20.0
Benzo(b)fluoranthene	1.232	1.204		-2.273	
Benzo(k)fluoranthene	1.171	1.148		-1.964	

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Lab Code: CHEM Case No.: BF060324 SAS No.: BF060324 SDG No.: BF060324

Instrument ID: BNA_F Calibration Date/Time: 6/3/2024 12:09:57

Lab File ID: BF138096.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.030	1.022		-0.777	20.0
Indeno(1,2,3-cd)pyrene	1.205	1.215		0.83	
Dibenzo(a,h)anthracene	0.989	1.012		2.326	
Benzo(g,h,i)perylene	1.005	1.005		0.0	
1,2,4,5-Tetrachlorobenzene	0.568	0.546		-3.873	
1,4-Dioxane	0.486	0.488		0.412	20.0
2,3,4,6-Tetrachlorophenol	0.324	0.334		3.086	
1-Methylnaphthalene	0.659	0.644		-2.276	

All other compounds must meet a minimum RRF of 0.010.



Client:				Date Collected:	5/31/2024 12:00:00 AM	
Project:				Date Received:	5/31/2024 12:00:00 AM	
Client Sample ID:	PB161222BL			SDG No.:	BF060324	
Lab Sample ID:	PB161222BL			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
BF138097.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161222

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

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161222BL	SDG No.:	BF060324
Lab Sample ID:	PB161222BL	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
BF138097.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161222

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

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161222BL	SDG No.:	BF060324
Lab Sample ID:	PB161222BL	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
BF138097.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	141.077		18-112		94	SPK: -150
13127-88-3	Phenol-d6	133.682		15-107		89	SPK: -150
4165-60-0	Nitrobenzene-d5	86.833		18-107		87	SPK: -100
321-60-8	2-Fluorobiphenyl	83.52		20-109		84	SPK: -100

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161222BL	SDG No.:	BF060324
Lab Sample ID:	PB161222BL	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
BF138097.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.421		10-110		88	SPK: -150
1718-51-0	Terphenyl-d14	71.961		14-112		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129487	7.034				
1146-65-2	Naphthalene-d8	513973	8.316				
15067-26-2	Acenaphthene-d10	306303	10.081				
1517-22-2	Phenanthrene-d10	577736	11.575				
1719-03-5	Chrysene-d12	456712	14.227				
1520-96-3	Perylene-d12	390844	15.798				
TENTATIVE IDENTIFIED COMPOUNDS							
000077-76-9	Propane, 2,2-dimethoxy-	5200	J			2.146	
000994-05-8	Butane, 2-methoxy-2-methyl-	78.6	J			2.499	

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161236BL	SDG No.:	BF060324
Lab Sample ID:	PB161236BL	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
BF138098.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

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:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161236BL	SDG No.:	BF060324
Lab Sample ID:	PB161236BL	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
BF138098.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

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:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161236BL	SDG No.:	BF060324
Lab Sample ID:	PB161236BL	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
BF138098.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

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	139.993		10-139		93	SPK: -150
13127-88-3	Phenol-d6	133.487		10-134		89	SPK: -150
4165-60-0	Nitrobenzene-d5	87.096		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	82.101		52-132		82	SPK: -100

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161236BL	SDG No.:	BF060324
Lab Sample ID:	PB161236BL	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
BF138098.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.498		32-145		87	SPK: -150
1718-51-0	Terphenyl-d14	72.362		36-145		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	128905	7.034				
1146-65-2	Naphthalene-d8	505293	8.316				
15067-26-2	Acenaphthene-d10	306872	10.08				
1517-22-2	Phenanthrene-d10	565267	11.574				
1719-03-5	Chrysene-d12	442748	14.227				
1520-96-3	Perylene-d12	378676	15.798				
TENTATIVE IDENTIFIED COMPOUNDS							
000077-76-9	Propane, 2,2-dimethoxy-	160	J			2.14	
000994-05-8	Butane, 2-methoxy-2-methyl-	2.4	J			2.493	

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161242BS	SDG No.:	BF060324
Lab Sample ID:	PB161242BS	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
BF138099.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	45.2		1	8	10	ug/L
110-86-1	Pyridine	35.7		1.6	4	5	ug/L
100-52-7	Benzaldehyde	54.1		4	8	10	ug/L
62-53-3	Aniline	11.8		1.6	4	5	ug/L
108-95-2	Phenol	45.8		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	51.9		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	46.6		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	42.5		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	41.6		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	41.8		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	65.2		1.6	8	10	ug/L
95-48-7	2-Methylphenol	46.1		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	45.6		1.4	4	5	ug/L
98-86-2	Acetophenone	43.5		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	45.5		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	44.7		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	41.9		1	4	5	ug/L
98-95-3	Nitrobenzene	43.2		1.3	4	5	ug/L
78-59-1	Isophorone	44.7		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	46.3		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	51.6		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	44.5		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	46.9		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	42.6		1.1	4	5	ug/L
65-85-0	Benzoic acid	50.6		5.5	8	10	ug/L
91-20-3	Naphthalene	42.9		1	4	5	ug/L
106-47-8	4-Chloroaniline	13.7		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	40.3		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161242BS	SDG No.:	BF060324
Lab Sample ID:	PB161242BS	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
BF138099.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	42.5		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	46.4		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	43.5		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	120	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	44.4		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	43.3		1	4	5	ug/L
92-52-4	1,1-Biphenyl	43.3		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	41.6		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	46		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	44.3		0.93	4	5	ug/L
208-96-8	Acenaphthylene	46.1		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	42.9		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	31.5		1.4	4	5	ug/L
83-32-9	Acenaphthene	42.3		0.81	4	5	ug/L
Total PAH	Total PAH	743.1		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	100	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	100	E	2	8	10	ug/L
132-64-9	Dibenzofuran	43.3		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	87.9		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	45		1.5	4	5	ug/L
84-66-2	Diethylphthalate	44		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42.3		0.98	4	5	ug/L
86-73-7	Fluorene	42.5		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	47.1		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47.7		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	45.4		0.89	4	5	ug/L
103-33-3	Azobenzene	44.4		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	43.4		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	43.3		1.1	4	5	ug/L
1912-24-9	Atrazine	51.9		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161242BS	SDG No.:	BF060324
Lab Sample ID:	PB161242BS	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
BF138099.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	93.3	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	44.6		0.89	4	5	ug/L
120-12-7	Anthracene	44.9		1.1	4	5	ug/L
86-74-8	Carbazole	43.9		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	44		1.5	4	5	ug/L
206-44-0	Fluoranthene	43.1		1.3	4	5	ug/L
92-87-5	Benzidine	7.9	J	4.1	8	10	ug/L
129-00-0	Pyrene	45.9		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	48.2		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	40.9		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	46.7		0.94	4	5	ug/L
218-01-9	Chrysene	45.7		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	48.4		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	48.2		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	47.6		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	49		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	50.7		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	51.4		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	51.8		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	47.9		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.3		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	35.2		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	45.8		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	41.4		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	129.038		10-139		86	SPK: -150
13127-88-3	Phenol-d6	125.181		10-134		83	SPK: -150
4165-60-0	Nitrobenzene-d5	82.769		49-133		83	SPK: -100
321-60-8	2-Fluorobiphenyl	78.292		52-132		78	SPK: -100

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161242BS	SDG No.:	BF060324
Lab Sample ID:	PB161242BS	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
BF138099.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	122.459		32-145		82	SPK: -150
1718-51-0	Terphenyl-d14	85.584		36-145		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	151473	7.033				
1146-65-2	Naphthalene-d8	596301	8.322				
15067-26-2	Acenaphthene-d10	348014	10.086				
1517-22-2	Phenanthrene-d10	593658	11.58				
1719-03-5	Chrysene-d12	353564	14.233				
1520-96-3	Perylene-d12	309131	15.798				

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161242BL	SDG No.:	BF060324
Lab Sample ID:	PB161242BL	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
BF138100.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

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:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161242BL	SDG No.:	BF060324
Lab Sample ID:	PB161242BL	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
BF138100.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

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:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161242BL	SDG No.:	BF060324
Lab Sample ID:	PB161242BL	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
BF138100.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

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	142.007		10-139		95	SPK: -150
13127-88-3	Phenol-d6	136.093		10-134		91	SPK: -150
4165-60-0	Nitrobenzene-d5	87.117		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	82.273		52-132		82	SPK: -100

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161242BL	SDG No.:	BF060324
Lab Sample ID:	PB161242BL	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
BF138100.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	131.267		32-145		88	SPK: -150
1718-51-0	Terphenyl-d14	74.365		36-145		74	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	130689	7.034				
1146-65-2	Naphthalene-d8	529727	8.316				
15067-26-2	Acenaphthene-d10	315674	10.081				
1517-22-2	Phenanthrene-d10	592909	11.58				
1719-03-5	Chrysene-d12	452378	14.227				
1520-96-3	Perylene-d12	390680	15.798				
TENTATIVE IDENTIFIED COMPOUNDS							
000077-76-9	Propane, 2,2-dimethoxy-	170	J			2.152	
000994-05-8	Butane, 2-methoxy-2-methyl-	2.5	J			2.505	

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161189TB	SDG No.:	BF060324
Lab Sample ID:	PB161189TB	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
BF138101.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

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:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161189TB	SDG No.:	BF060324
Lab Sample ID:	PB161189TB	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
BF138101.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

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:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161189TB	SDG No.:	BF060324
Lab Sample ID:	PB161189TB	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
BF138101.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	130.054		10-139		87	SPK: -150
13127-88-3	Phenol-d6	124.1		10-134		83	SPK: -150
4165-60-0	Nitrobenzene-d5	81.767		49-133		82	SPK: -100
321-60-8	2-Fluorobiphenyl	78.754		52-132		79	SPK: -100

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161189TB	SDG No.:	BF060324
Lab Sample ID:	PB161189TB	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
BF138101.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	124.269		32-145		83	SPK: -150
1718-51-0	Terphenyl-d14	69.946		36-145		70	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	131806	7.034				
1146-65-2	Naphthalene-d8	520287	8.316				
15067-26-2	Acenaphthene-d10	307344	10.08				
1517-22-2	Phenanthrene-d10	576469	11.574				
1719-03-5	Chrysene-d12	440949	14.227				
1520-96-3	Perylene-d12	376218	15.798				

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	WCS-TPS	SDG No.:	BF060324
Lab Sample ID:	P2646-04	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
BF138102.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

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:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	WCS-TPS	SDG No.:	BF060324
Lab Sample ID:	P2646-04	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
BF138102.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

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:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	WCS-TPS	SDG No.:	BF060324
Lab Sample ID:	P2646-04	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
BF138102.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

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	113.663		10-139		76	SPK: -150
13127-88-3	Phenol-d6	99.292		10-134		66	SPK: -150
4165-60-0	Nitrobenzene-d5	77.48		49-133		77	SPK: -100
321-60-8	2-Fluorobiphenyl	75.562		52-132		76	SPK: -100

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	WCS-TPS	SDG No.:	BF060324
Lab Sample ID:	P2646-04	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
BF138102.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	113.352		32-145		76	SPK: -150
1718-51-0	Terphenyl-d14	85.053		36-145		85	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121287	7.034				
1146-65-2	Naphthalene-d8	468107	8.316				
15067-26-2	Acenaphthene-d10	263517	10.08				
1517-22-2	Phenanthrene-d10	429122	11.574				
1719-03-5	Chrysene-d12	227203	14.227				
1520-96-3	Perylene-d12	245998	15.798				

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	WCS-TPSMS	SDG No.:	BF060324
Lab Sample ID:	P2646-04MS	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
BF138103.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	460		10.3	80	100	ug/L
110-86-1	Pyridine	260		15.5	40	50	ug/L
100-52-7	Benzaldehyde	44.8	J	40	80	100	ug/L
62-53-3	Aniline	130		16	40	50	ug/L
108-95-2	Phenol	410		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	490		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	450		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	420		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	420		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	600		16	80	100	ug/L
95-48-7	2-Methylphenol	440		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	460		13.5	40	50	ug/L
98-86-2	Acetophenone	450		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	430		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	440		14.8	25	25	ug/L
67-72-1	Hexachloroethane	420		10.1	40	50	ug/L
98-95-3	Nitrobenzene	430		12.7	40	50	ug/L
78-59-1	Isophorone	460		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	450		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	470		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	460		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	420		11	40	50	ug/L
65-85-0	Benzoic acid	200		54.7	80	100	ug/L
91-20-3	Naphthalene	430		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	120		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	410		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	WCS-TPSMS	SDG No.:	BF060324
Lab Sample ID:	P2646-04MS	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
BF138103.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	340		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	450		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	440		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	450		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	450		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	430		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	480		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	460		9.3	40	50	ug/L
208-96-8	Acenaphthylene	480		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	450		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	310		13.7	40	50	ug/L
83-32-9	Acenaphthene	440		8.1	40	50	ug/L
Total PAH	Total PAH	7370		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	700		64.2	80	100	ug/L
100-02-7	4-Nitrophenol	900	E	20	80	100	ug/L
132-64-9	Dibenzofuran	440		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	910		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	460		15.2	40	50	ug/L
84-66-2	Diethylphthalate	450		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	430		9.8	40	50	ug/L
86-73-7	Fluorene	440		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	430		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	490		8.9	40	50	ug/L
103-33-3	Azobenzene	460		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	470		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	460		11.4	40	50	ug/L
1912-24-9	Atrazine	450		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	WCS-TPSMS	SDG No.:	BF060324
Lab Sample ID:	P2646-04MS	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
BF138103.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	830	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	470		8.9	40	50	ug/L
120-12-7	Anthracene	480		10.7	40	50	ug/L
86-74-8	Carbazole	440		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	440		14.7	40	50	ug/L
206-44-0	Fluoranthene	400		12.9	40	50	ug/L
92-87-5	Benzidine	160		40.7	80	100	ug/L
129-00-0	Pyrene	480		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	470		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	410		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	480		9.4	40	50	ug/L
218-01-9	Chrysene	480		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	440		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	490		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	440		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	440		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	490		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	490		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	490		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	440		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	440		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	380		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	470		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	420		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	122.385		10-139		82	SPK: -150
13127-88-3	Phenol-d6	110.2		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	85.111		49-133		85	SPK: -100
321-60-8	2-Fluorobiphenyl	82.17		52-132		82	SPK: -100

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	WCS-TPSMS	SDG No.:	BF060324
Lab Sample ID:	P2646-04MS	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
BF138103.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	123.123		32-145		82	SPK: -150
1718-51-0	Terphenyl-d14	86.212		36-145		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127431	7.034				
1146-65-2	Naphthalene-d8	493087	8.316				
15067-26-2	Acenaphthene-d10	280707	10.08				
1517-22-2	Phenanthrene-d10	453084	11.58				
1719-03-5	Chrysene-d12	230587	14.233				
1520-96-3	Perylene-d12	278172	15.798				

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	WCS-TPSMSD	SDG No.:	BF060324
Lab Sample ID:	P2646-04MSD	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
BF138104.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	460		10.3	80	100	ug/L
110-86-1	Pyridine	310		15.5	40	50	ug/L
100-52-7	Benzaldehyde	45.9	J	40	80	100	ug/L
62-53-3	Aniline	100		16	40	50	ug/L
108-95-2	Phenol	410		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	510		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	440		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	410		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	420		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	600		16	80	100	ug/L
95-48-7	2-Methylphenol	440		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	450		13.5	40	50	ug/L
98-86-2	Acetophenone	430		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	430		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	440		14.8	25	25	ug/L
67-72-1	Hexachloroethane	420		10.1	40	50	ug/L
98-95-3	Nitrobenzene	430		12.7	40	50	ug/L
78-59-1	Isophorone	450		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	450		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	500		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	450		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	420		11	40	50	ug/L
65-85-0	Benzoic acid	330		54.7	80	100	ug/L
91-20-3	Naphthalene	430		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	70.5		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	400		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	WCS-TPSMSD	SDG No.:	BF060324
Lab Sample ID:	P2646-04MSD	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
BF138104.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	320		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	440		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	430		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	450		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	450		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	450		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	430		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	460		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	460		9.3	40	50	ug/L
208-96-8	Acenaphthylene	480		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	440		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	230		13.7	40	50	ug/L
83-32-9	Acenaphthene	430		8.1	40	50	ug/L
Total PAH	Total PAH	7320		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	710		64.2	80	100	ug/L
100-02-7	4-Nitrophenol	840	E	20	80	100	ug/L
132-64-9	Dibenzofuran	450		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	890		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	450		15.2	40	50	ug/L
84-66-2	Diethylphthalate	440		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	430		9.8	40	50	ug/L
86-73-7	Fluorene	430		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	430		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	430		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	480		8.9	40	50	ug/L
103-33-3	Azobenzene	450		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	460		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	450		11.4	40	50	ug/L
1912-24-9	Atrazine	410		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	WCS-TPSMSD	SDG No.:	BF060324
Lab Sample ID:	P2646-04MSD	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
BF138104.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	830	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	460		8.9	40	50	ug/L
120-12-7	Anthracene	480		10.7	40	50	ug/L
86-74-8	Carbazole	420		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	430		14.7	40	50	ug/L
206-44-0	Fluoranthene	390		12.9	40	50	ug/L
92-87-5	Benzidine	76.1	J	40.7	80	100	ug/L
129-00-0	Pyrene	470		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	460		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	320		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	480		9.4	40	50	ug/L
218-01-9	Chrysene	480		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	440		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	500		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	450		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	430		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	490		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	490		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	490		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	440		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	380		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	460		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	410		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	122.522		10-139		82	SPK: -150
13127-88-3	Phenol-d6	109.487		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	83.804		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	82.609		52-132		83	SPK: -100

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	WCS-TPSMSD	SDG No.:	BF060324
Lab Sample ID:	P2646-04MSD	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
BF138104.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	121.955		32-145		81	SPK: -150
1718-51-0	Terphenyl-d14	84.521		36-145		85	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127072	7.034				
1146-65-2	Naphthalene-d8	493210	8.316				
15067-26-2	Acenaphthene-d10	273122	10.086				
1517-22-2	Phenanthrene-d10	438542	11.58				
1719-03-5	Chrysene-d12	222103	14.233				
1520-96-3	Perylene-d12	272058	15.798				

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:	WCS-TPR	SDG No.:	BF060324
Lab Sample ID:	P2662-04	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
BF138105.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

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	210		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:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	WCS-TPR	SDG No.:	BF060324
Lab Sample ID:	P2662-04	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
BF138105.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

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:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	WCS-TPR	SDG No.:	BF060324
Lab Sample ID:	P2662-04	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
BF138105.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

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	115.081		10-139		77	SPK: -150
13127-88-3	Phenol-d6	100.412		10-134		67	SPK: -150
4165-60-0	Nitrobenzene-d5	81.673		49-133		82	SPK: -100
321-60-8	2-Fluorobiphenyl	80.008		52-132		80	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:	WCS-TPR	SDG No.:	BF060324
Lab Sample ID:	P2662-04	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
BF138105.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	124.306		32-145		83	SPK: -150
1718-51-0	Terphenyl-d14	91.537		36-145		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123079	7.034				
1146-65-2	Naphthalene-d8	468058	8.316				
15067-26-2	Acenaphthene-d10	269071	10.08				
1517-22-2	Phenanthrene-d10	465246	11.574				
1719-03-5	Chrysene-d12	230405	14.227				
1520-96-3	Perylene-d12	249257	15.798				

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:	B1COMP(8-16)	SDG No.:	BF060324
Lab Sample ID:	P2661-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138106.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	99.2	U	99.2	310	380	ug/Kg
110-86-1	Pyridine	91.3	U	91.3	150	190	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	94.7	U	94.7	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	95.6	U	95.6	150	190	ug/Kg
95-57-8	2-Chlorophenol	95.4	U	95.4	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	96.7	U	96.7	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	98.3	U	98.3	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	98.8	U	98.8	150	190	ug/Kg
100-51-6	Benzyl Alcohol	94.8	U	94.8	310	380	ug/Kg
95-48-7	2-Methylphenol	92.1	U	92.1	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	99.3	U	99.3	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	91.2	U	91.2	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46	U	46	91.4	91.4	ug/Kg
67-72-1	Hexachloroethane	94.8	U	94.8	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	96.7	U	96.7	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	98	U	98	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	86.3	U	86.3	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	97.6	U	97.6	150	190	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	380	ug/Kg
91-20-3	Naphthalene	94.4	U	94.4	150	190	ug/Kg
106-47-8	4-Chloroaniline	94.4	U	94.4	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	95.2	U	95.2	150	190	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:	B1COMP(8-16)		SDG No.:	BF060324		
Lab Sample ID:	P2661-01		Matrix:	Solid		
Analytical Method:	8270E		% Moisture:	12.6		
Sample Wt/Vol:	30.04	Units: g	Final Vol:	1000	uL	
Soil Aliquot Vol:	uL		Test:			
Extraction Type :	Decanted :		Level :	LOW		
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138106.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	99.2	U	99.2	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	88.6	U	88.6	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	94.3	U	94.3	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	81.6	U	81.6	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	84.6	U	84.6	150	190	ug/Kg
92-52-4	1,1-Biphenyl	99.9	U	99.9	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	95.2	U	95.2	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	93.4	U	93.4	150	190	ug/Kg
208-96-8	Acenaphthylene	98.8	U	98.8	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	95.1	U	95.1	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	92.7	U	92.7	150	190	ug/Kg
Total PAH	Total PAH	1517.8	U	1517.8	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	96.4	U	96.4	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	93.6	U	193.6	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	98.5	U	98.5	150	190	ug/Kg
84-66-2	Diethylphthalate	91.5	U	91.5	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	97.8	U	97.8	150	190	ug/Kg
86-73-7	Fluorene	97.7	U	97.7	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	93.2	U	93.2	150	190	ug/Kg
103-33-3	Azobenzene	91	U	91	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	90.2	U	90.2	150	190	ug/Kg
118-74-1	Hexachlorobenzene	97.1	U	97.1	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	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:	B1COMP(8-16)	SDG No.:	BF060324
Lab Sample ID:	P2661-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138106.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	88.3	U	88.3	310	380	ug/Kg
85-01-8	Phenanthrene	96	U	96	150	190	ug/Kg
120-12-7	Anthracene	96.4	U	96.4	150	190	ug/Kg
86-74-8	Carbazole	91.8	U	91.8	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	96.3	U	96.3	150	190	ug/Kg
206-44-0	Fluoranthene	93.4	U	93.4	150	190	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	94.8	U	94.8	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	92.2	U	92.2	150	190	ug/Kg
218-01-9	Chrysene	90.8	U	90.8	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	92.7	U	92.7	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	94.4	U	94.4	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	89.2	U	89.2	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	92.8	U	92.8	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	91.5	U	91.5	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	99.2	U	99.2	150	190	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	85.4	U	85.4	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	95.1	U	95.1	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	98.641		18-112		66	SPK: -150
13127-88-3	Phenol-d6	96.173		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	62.664		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	62.239		20-109		62	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:	B1COMP(8-16)	SDG No.:	BF060324
Lab Sample ID:	P2661-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138106.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	48.688		10-110		32	SPK: -150
1718-51-0	Terphenyl-d14	65.974		14-112		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	130291	7.034				
1146-65-2	Naphthalene-d8	508306	8.316				
15067-26-2	Acenaphthene-d10	286191	10.081				
1517-22-2	Phenanthrene-d10	474742	11.575				
1719-03-5	Chrysene-d12	240837	14.227				
1520-96-3	Perylene-d12	266151	15.798				

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	MW-06	SDG No.:	BF060324
Lab Sample ID:	P2660-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960	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
BF138107.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.3	10.4	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.2	5.2	ug/L
100-52-7	Benzaldehyde	4.2	U	4.2	8.3	10.4	ug/L
62-53-3	Aniline	1.7	U	1.7	4.2	5.2	ug/L
108-95-2	Phenol	0.97	U	0.97	4.2	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.2	5.2	ug/L
95-57-8	2-Chlorophenol	0.74	U	0.74	4.2	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	0.92	U	0.92	4.2	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	0.83	U	0.83	4.2	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	0.88	U	0.88	4.2	5.2	ug/L
100-51-6	Benzyl Alcohol	1.7	U	1.7	8.3	10.4	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.2	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.2	5.2	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.2	5.2	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.3	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	4.2	5.2	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.2	5.2	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.2	5.2	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.2	5.2	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.2	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.2	5.2	ug/L
120-83-2	2,4-Dichlorophenol	0.92	U	0.92	4.2	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.2	5.2	ug/L
65-85-0	Benzoic acid	5.7	U	5.7	8.3	10.4	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.2	5.2	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	4.2	5.2	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.2	5.2	ug/L

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	MW-06	SDG No.:	BF060324
Lab Sample ID:	P2660-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960	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
BF138107.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.3	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	0.88	U	0.88	4.2	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.2	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	5.2	U	5.2	8.3	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	0.93	U	0.93	4.2	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1.1	U	1.1	4.2	5.2	ug/L
92-52-4	1,1-Biphenyl	0.95	U	0.95	4.2	5.2	ug/L
91-58-7	2-Chloronaphthalene	1	U	1	4.2	5.2	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.2	5.2	ug/L
131-11-3	Dimethylphthalate	0.97	U	0.97	4.2	5.2	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.2	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.2	5.2	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.2	5.2	ug/L
83-32-9	Acenaphthene	3.7	J	0.84	4.2	5.2	ug/L
Total PAH	Total PAH	17.95	U	17.95	4.2	83.2	ug/L
51-28-5	2,4-Dinitrophenol	6.7	U	6.7	8.3	10.4	ug/L
100-02-7	4-Nitrophenol	2.1	U	2.1	8.3	10.4	ug/L
132-64-9	Dibenzofuran	0.97	U	0.97	4.2	5.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.2	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.2	10.4	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.2	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.2	5.2	ug/L
86-73-7	Fluorene	1	U	1	4.2	5.2	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.2	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.2	U	3.2	8.3	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	0.93	U	0.93	4.2	5.2	ug/L
103-33-3	Azobenzene	1.3	U	1.3	4.2	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.99	U	0.99	4.2	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.2	5.2	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.2	5.2	ug/L

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	MW-06	SDG No.:	BF060324
Lab Sample ID:	P2660-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960	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
BF138107.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.3	10.4	ug/L
85-01-8	Phenanthrene	0.93	U	0.93	4.2	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.2	5.2	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.2	5.2	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.2	5.2	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.2	5.2	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.3	10.4	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.2	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.2	U	2.2	4.2	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.3	10.4	ug/L
56-55-3	Benzo(a)anthracene	0.98	U	0.98	4.2	5.2	ug/L
218-01-9	Chrysene	0.9	U	0.9	4.2	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2	U	2	4.2	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.3	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.2	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.2	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.2	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.2	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.2	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.2	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.2	5.2	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.2	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.82	U	0.82	4.2	5.2	ug/L
90-12-0	1-Methylnaphthalene	0.9	U	0.9	4.2	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	56.643		10-139		38	SPK: -150
13127-88-3	Phenol-d6	33.11		10-134		22	SPK: -150
4165-60-0	Nitrobenzene-d5	79.9		49-133		80	SPK: -100
321-60-8	2-Fluorobiphenyl	77.194		52-132		77	SPK: -100

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	MW-06	SDG No.:	BF060324
Lab Sample ID:	P2660-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960	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
BF138107.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	75.107		32-145		50	SPK: -150
1718-51-0	Terphenyl-d14	82.402		36-145		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127427	7.028				
1146-65-2	Naphthalene-d8	495152	8.316				
15067-26-2	Acenaphthene-d10	280629	10.08				
1517-22-2	Phenanthrene-d10	461389	11.575				
1719-03-5	Chrysene-d12	226081	14.227				
1520-96-3	Perylene-d12	241315	15.798				
TENTATIVE IDENTIFIED COMPOUNDS							
000110-82-7	Cyclohexane	6.6	J			2.199	
000994-05-8	Butane, 2-methoxy-2-methyl-	160	J			2.422	
000496-11-7	Indane	10.4	J			7.21	
000105-05-5	Benzene, 1,4-diethyl-	4.8	J			7.269	
000135-01-3	Benzene, 1,2-diethyl-	2.6	J			7.339	
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	3.4	J			7.792	

Report of Analysis

Client:				Date Collected:	5/28/2024 12:00:00 AM		
Project:				Date Received:	5/28/2024 12:00:00 AM		
Client Sample ID:	MW-08			SDG No.:	BF060324		
Lab Sample ID:	P2660-02			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000	uL	
Soil Aliquot Vol:				Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138108.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.2	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.1	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.2	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.1	ug/L
108-95-2	Phenol	0.95	U	0.95	4.1	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.1	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	4.1	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.9	U	0.9	4.1	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.86	U	0.86	4.1	5.1	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.2	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.1	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.1	ug/L
65794-96-9	3+4-Methylphenols	8.1	J	1.2	8.2	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1	U	1	4.1	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.1	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.1	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.1	ug/L
105-67-9	2,4-Dimethylphenol	65		1.5	4.1	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4.1	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.9	U	0.9	4.1	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.2	ug/L
91-20-3	Naphthalene	390	E	1	4.1	5.1	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	MW-08	SDG No.:	BF060324
Lab Sample ID:	P2660-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138108.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	0.86	U	0.86	4.1	5.1	ug/L
91-57-6	2-Methylnaphthalene	130	E	1.2	4.1	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	8.2	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	0.91	U	0.91	4.1	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.1	ug/L
92-52-4	1,1-Biphenyl	0.93	U	0.93	4.1	5.1	ug/L
91-58-7	2-Chloronaphthalene	0.99	U	0.99	4.1	5.1	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
131-11-3	Dimethylphthalate	0.95	U	0.95	4.1	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.1	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
83-32-9	Acenaphthene	0.83	U	0.83	4.1	5.1	ug/L
Total PAH	Total PAH	390	U	17.66	4.1	81.6	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	2	U	2	8.2	10.2	ug/L
132-64-9	Dibenzofuran	0.95	U	0.95	4.1	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.1	10.2	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.1	ug/L
86-73-7	Fluorene	0.98	U	0.98	4.1	5.1	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8.2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	0.91	U	0.91	4.1	5.1	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	4.1	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.1	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	MW-08	SDG No.:	BF060324
Lab Sample ID:	P2660-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138108.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.2	ug/L
85-01-8	Phenanthrene	0.91	U	0.91	4.1	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.1	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.2	10.2	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4.1	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.96	U	0.96	4.1	5.1	ug/L
218-01-9	Chrysene	0.88	U	0.88	4.1	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4.1	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.1	ug/L
90-12-0	1-Methylnaphthalene	68.3		0.88	4.1	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	18.635		10-139		12	SPK: -150
13127-88-3	Phenol-d6	33.587		10-134		22	SPK: -150
4165-60-0	Nitrobenzene-d5	76.293		49-133		76	SPK: -100
321-60-8	2-Fluorobiphenyl	72.79		52-132		73	SPK: -100

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	MW-08	SDG No.:	BF060324
Lab Sample ID:	P2660-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138108.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	110.379		32-145		74	SPK: -150
1718-51-0	Terphenyl-d14	78.099		36-145		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125310	7.045				
1146-65-2	Naphthalene-d8	421978	8.328				
15067-26-2	Acenaphthene-d10	274622	10.081				
1517-22-2	Phenanthrene-d10	438576	11.575				
1719-03-5	Chrysene-d12	226193	14.227				
1520-96-3	Perylene-d12	258116	15.798				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	100	J			2.405	
000103-65-1	Benzene, propyl-	120	J			6.51	
000620-14-4	Benzene, 1-ethyl-3-methyl-	550	J			6.598	
000526-73-8	Benzene, 1,2,3-trimethyl-	210	J			6.628	
000611-14-3	Benzene, 1-ethyl-2-methyl-	280	J			6.751	
000108-67-8	Mesitylene	780	J			6.91	
000496-11-7	Indane	310	J			7.24	
000141-93-5	Benzene, 1,3-diethyl-	59.5	J			7.281	
000095-13-6	Indene	130	J			7.31	
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	140	J			7.357	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	93.1	J			7.498	
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	70.1	J			7.522	
007782-24-3	Benzeneacetic acid, .alpha.-methyl	25.4	J			9.216	
000057-11-4	Octadecanoic acid	29.7	J			12.88	

Report of Analysis

Client:				Date Collected:	5/28/2024 12:00:00 AM		
Project:				Date Received:	5/28/2024 12:00:00 AM		
Client Sample ID:	MW-10			SDG No.:	BF060324		
Lab Sample ID:	P2660-03			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	970	Units:	mL	Final Vol:	1000	uL	
Soil Aliquot Vol:				Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138109.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.3	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.2	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.3	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.2	ug/L
108-95-2	Phenol	0.96	U	0.96	4.1	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.2	ug/L
95-57-8	2-Chlorophenol	0.73	U	0.73	4.1	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	0.91	U	0.91	4.1	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	0.87	U	0.87	4.1	5.2	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.3	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.2	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.2	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1	U	1	4.1	5.2	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.2	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.2	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.2	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.1	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.1	5.2	ug/L
120-83-2	2,4-Dichlorophenol	0.91	U	0.91	4.1	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.3	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.1	5.2	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.2	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.2	ug/L

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	MW-10	SDG No.:	BF060324
Lab Sample ID:	P2660-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	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
BF138109.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	0.87	U	0.87	4.1	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.1	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	5.2	U	5.2	8.2	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	0.92	U	0.92	4.1	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.2	ug/L
92-52-4	1,1-Biphenyl	0.94	U	0.94	4.1	5.2	ug/L
91-58-7	2-Chloronaphthalene	1	U	1	4.1	5.2	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.1	5.2	ug/L
131-11-3	Dimethylphthalate	0.96	U	0.96	4.1	5.2	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.2	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.2	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	4.1	5.2	ug/L
Total PAH	Total PAH	17.91	U	17.91	4.1	83.2	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.3	ug/L
100-02-7	4-Nitrophenol	2.1	U	2.1	8.2	10.3	ug/L
132-64-9	Dibenzofuran	0.96	U	0.96	4.1	5.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.1	10.4	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.2	ug/L
86-73-7	Fluorene	0.99	U	0.99	4.1	5.2	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.2	U	3.2	8.2	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	0.92	U	0.92	4.1	5.2	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.98	U	0.98	4.1	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.2	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.2	ug/L

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	MW-10	SDG No.:	BF060324
Lab Sample ID:	P2660-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	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
BF138109.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.3	ug/L
85-01-8	Phenanthrene	0.92	U	0.92	4.1	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.2	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.2	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.2	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.2	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.2	10.3	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.2	U	2.2	4.1	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.3	ug/L
56-55-3	Benzo(a)anthracene	0.97	U	0.97	4.1	5.2	ug/L
218-01-9	Chrysene	0.89	U	0.89	4.1	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.1	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.2	ug/L
90-12-0	1-Methylnaphthalene	0.89	U	0.89	4.1	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	49.847		10-139		33	SPK: -150
13127-88-3	Phenol-d6	28.743		10-134		19	SPK: -150
4165-60-0	Nitrobenzene-d5	77.089		49-133		77	SPK: -100
321-60-8	2-Fluorobiphenyl	76.901		52-132		77	SPK: -100

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	MW-10	SDG No.:	BF060324
Lab Sample ID:	P2660-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	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
BF138109.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	102.061		32-145		68	SPK: -150
1718-51-0	Terphenyl-d14	80.894		36-145		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125743	7.028				
1146-65-2	Naphthalene-d8	478403	8.316				
15067-26-2	Acenaphthene-d10	269706	10.081				
1517-22-2	Phenanthrene-d10	443629	11.575				
1719-03-5	Chrysene-d12	230769	14.227				
1520-96-3	Perylene-d12	253934	15.798				
TENTATIVE IDENTIFIED COMPOUNDS							
000110-82-7	Cyclohexane	5	J			2.187	
000994-05-8	Butane, 2-methoxy-2-methyl-	140	J			2.411	
000105-05-5	Benzene, 1,4-diethyl-	2.1	J			7.269	
000135-01-3	Benzene, 1,2-diethyl-	2.7	J			7.34	
000141-93-5	Benzene, 1,3-diethyl-	3.2	J			7.363	
002825-86-7	4,7-Methanoindene, 3a,4,5,6,7,7a-h	2.9	J			7.504	
004218-48-8	Benzene, 1-ethyl-4-(1-methylethyl)	3.6	J			7.663	
004912-92-9	1H-Indene, 2,3-dihydro-1,1-dimethy	2.2	J			7.716	
056253-64-6	Benzene, (2-methyl-1-butenyl)-	3.3	J			7.957	
020836-11-7	2,2-Dimethylindene, 2,3-dihydro-	2.1	J			7.993	
034862-94-7	1-Penten-3-ol, 1-phenyl-	2.1	J			8.592	
000700-12-9	Benzene, pentamethyl-	3.3	J			8.869	
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	2.4	J			9.781	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	2.1	J			10.316	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	3.4	J			10.71	
001921-70-6	Pentadecane, 2,6,10,14-tetramethyl	5.5	J			10.981	
000593-45-3	Octadecane	2.5	J			11.445	

Report of Analysis

Client:				Date Collected:	5/28/2024 12:00:00 AM		
Project:				Date Received:	5/28/2024 12:00:00 AM		
Client Sample ID:	MW-11			SDG No.:	BF060324		
Lab Sample ID:	P2660-04			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	960	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
BF138110.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.3	10.4	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.2	5.2	ug/L
100-52-7	Benzaldehyde	4.2	U	4.2	8.3	10.4	ug/L
62-53-3	Aniline	1.7	U	1.7	4.2	5.2	ug/L
108-95-2	Phenol	0.97	U	0.97	4.2	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.2	5.2	ug/L
95-57-8	2-Chlorophenol	0.74	U	0.74	4.2	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	0.92	U	0.92	4.2	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	0.83	U	0.83	4.2	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	0.88	U	0.88	4.2	5.2	ug/L
100-51-6	Benzyl Alcohol	1.7	U	1.7	8.3	10.4	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.2	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.2	5.2	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.2	5.2	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.3	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	4.2	5.2	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.2	5.2	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.2	5.2	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.2	5.2	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.2	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.2	5.2	ug/L
120-83-2	2,4-Dichlorophenol	0.92	U	0.92	4.2	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.2	5.2	ug/L
65-85-0	Benzoic acid	5.7	U	5.7	8.3	10.4	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.2	5.2	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	4.2	5.2	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.2	5.2	ug/L

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	MW-11	SDG No.:	BF060324
Lab Sample ID:	P2660-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960	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
BF138110.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.3	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	0.88	U	0.88	4.2	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.2	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	5.2	U	5.2	8.3	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	0.93	U	0.93	4.2	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1.1	U	1.1	4.2	5.2	ug/L
92-52-4	1,1-Biphenyl	0.95	U	0.95	4.2	5.2	ug/L
91-58-7	2-Chloronaphthalene	1	U	1	4.2	5.2	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.2	5.2	ug/L
131-11-3	Dimethylphthalate	0.97	U	0.97	4.2	5.2	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.2	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.2	5.2	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.2	5.2	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	4.2	5.2	ug/L
Total PAH	Total PAH	17.95	U	17.95	4.2	83.2	ug/L
51-28-5	2,4-Dinitrophenol	6.7	U	6.7	8.3	10.4	ug/L
100-02-7	4-Nitrophenol	2.1	U	2.1	8.3	10.4	ug/L
132-64-9	Dibenzofuran	0.97	U	0.97	4.2	5.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.2	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.2	10.4	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.2	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.2	5.2	ug/L
86-73-7	Fluorene	1	U	1	4.2	5.2	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.2	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.2	U	3.2	8.3	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	0.93	U	0.93	4.2	5.2	ug/L
103-33-3	Azobenzene	1.3	U	1.3	4.2	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.99	U	0.99	4.2	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.2	5.2	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.2	5.2	ug/L

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	MW-11	SDG No.:	BF060324
Lab Sample ID:	P2660-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960	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
BF138110.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.3	10.4	ug/L
85-01-8	Phenanthrene	0.93	U	0.93	4.2	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.2	5.2	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.2	5.2	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.2	5.2	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.2	5.2	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.3	10.4	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.2	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.2	U	2.2	4.2	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.3	10.4	ug/L
56-55-3	Benzo(a)anthracene	0.98	U	0.98	4.2	5.2	ug/L
218-01-9	Chrysene	0.9	U	0.9	4.2	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2	U	2	4.2	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.3	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.2	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.2	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.2	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.2	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.2	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.2	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.2	5.2	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.2	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.82	U	0.82	4.2	5.2	ug/L
90-12-0	1-Methylnaphthalene	0.9	U	0.9	4.2	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	56.39		10-139		38	SPK: -150
13127-88-3	Phenol-d6	33.062		10-134		22	SPK: -150
4165-60-0	Nitrobenzene-d5	78.234		49-133		78	SPK: -100
321-60-8	2-Fluorobiphenyl	76.543		52-132		77	SPK: -100

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	MW-11	SDG No.:	BF060324
Lab Sample ID:	P2660-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960	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
BF138110.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	96.843		32-145		65	SPK: -150
1718-51-0	Terphenyl-d14	81.107		36-145		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121708	7.034				
1146-65-2	Naphthalene-d8	481691	8.316				
15067-26-2	Acenaphthene-d10	270212	10.08				
1517-22-2	Phenanthrene-d10	444319	11.575				
1719-03-5	Chrysene-d12	227457	14.227				
1520-96-3	Perylene-d12	251246	15.792				
TENTATIVE IDENTIFIED COMPOUNDS							
000110-82-7	Cyclohexane	4.5	J			2.181	
000994-05-8	Butane, 2-methoxy-2-methyl-	150	J			2.399	

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	MW-13	SDG No.:	BF060324
Lab Sample ID:	P2660-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	750	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
BF138111.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.4	U	1.4	10.7	13.3	ug/L
110-86-1	Pyridine	2.1	U	2.1	5.3	6.7	ug/L
100-52-7	Benzaldehyde	5.3	U	5.3	10.7	13.3	ug/L
62-53-3	Aniline	2.1	U	2.1	5.3	6.7	ug/L
108-95-2	Phenol	1.2	U	1.2	5.3	6.7	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.6	U	1.6	5.3	6.7	ug/L
95-57-8	2-Chlorophenol	0.95	U	0.95	5.3	6.7	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	1.2	5.3	6.7	ug/L
541-73-1	1,3-Dichlorobenzene	1.1	U	1.1	5.3	6.7	ug/L
106-46-7	1,4-Dichlorobenzene	1.1	U	1.1	5.3	6.7	ug/L
100-51-6	Benzyl Alcohol	2.1	U	2.1	10.7	13.3	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.3	6.7	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.8	U	1.8	5.3	6.7	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.3	6.7	ug/L
65794-96-9	3+4-Methylphenols	1.5	U	1.5	10.7	13.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	3.3	3.3	ug/L
67-72-1	Hexachloroethane	1.3	U	1.3	5.3	6.7	ug/L
98-95-3	Nitrobenzene	1.7	U	1.7	5.3	6.7	ug/L
78-59-1	Isophorone	1.5	U	1.5	5.3	6.7	ug/L
88-75-5	2-Nitrophenol	2.6	U	2.6	5.3	6.7	ug/L
105-67-9	2,4-Dimethylphenol	2	U	2	5.3	6.7	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	1.4	5.3	6.7	ug/L
120-83-2	2,4-Dichlorophenol	1.2	U	1.2	5.3	6.7	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	1.5	5.3	6.7	ug/L
65-85-0	Benzoic acid	7.3	U	7.3	10.7	13.3	ug/L
91-20-3	Naphthalene	1.4	U	1.4	5.3	6.7	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	5.3	6.7	ug/L
87-68-3	Hexachlorobutadiene	1.7	U	1.7	5.3	6.7	ug/L

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	MW-13	SDG No.:	BF060324
Lab Sample ID:	P2660-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	750	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
BF138111.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	6.6	J	2.2	10.7	13.3	ug/L
59-50-7	4-Chloro-3-methylphenol	1.1	U	1.1	5.3	6.7	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	5.3	6.7	ug/L
77-47-4	Hexachlorocyclopentadiene	6.7	U	6.7	10.7	13.3	ug/L
88-06-2	2,4,6-Trichlorophenol	1.2	U	1.2	5.3	6.7	ug/L
95-95-4	2,4,5-Trichlorophenol	1.3	U	1.3	5.3	6.7	ug/L
92-52-4	1,1-Biphenyl	1.2	U	1.2	5.3	6.7	ug/L
91-58-7	2-Chloronaphthalene	1.3	U	1.3	5.3	6.7	ug/L
88-74-4	2-Nitroaniline	1.9	U	1.9	5.3	6.7	ug/L
131-11-3	Dimethylphthalate	1.2	U	1.2	5.3	6.7	ug/L
208-96-8	Acenaphthylene	1.4	U	1.4	5.3	6.7	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	5.3	6.7	ug/L
99-09-2	3-Nitroaniline	1.8	U	1.8	5.3	6.7	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	5.3	6.7	ug/L
Total PAH	Total PAH	23.1	U	23.1	5.3	107.2	ug/L
51-28-5	2,4-Dinitrophenol	8.6	U	8.6	10.7	13.3	ug/L
100-02-7	4-Nitrophenol	2.7	U	2.7	10.7	13.3	ug/L
132-64-9	Dibenzofuran	1.2	U	1.2	5.3	6.7	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3.7	U	3.7	5.3	13.4	ug/L
121-14-2	2,4-Dinitrotoluene	2	U	2	5.3	6.7	ug/L
84-66-2	Diethylphthalate	1.4	U	1.4	5.3	6.7	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.3	U	1.3	5.3	6.7	ug/L
86-73-7	Fluorene	1.3	U	1.3	5.3	6.7	ug/L
100-01-6	4-Nitroaniline	2.7	U	2.7	5.3	6.7	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	4.1	U	4.1	10.7	13.3	ug/L
86-30-6	n-Nitrosodiphenylamine	1.2	U	1.2	5.3	6.7	ug/L
103-33-3	Azobenzene	1.6	U	1.6	5.3	6.7	ug/L
101-55-3	4-Bromophenyl-phenylether	1.3	U	1.3	5.3	6.7	ug/L
118-74-1	Hexachlorobenzene	1.5	U	1.5	5.3	6.7	ug/L
1912-24-9	Atrazine	1.7	U	1.7	5.3	6.7	ug/L

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	MW-13	SDG No.:	BF060324
Lab Sample ID:	P2660-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	750	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
BF138111.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2.5	U	2.5	10.7	13.3	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	5.3	6.7	ug/L
120-12-7	Anthracene	1.4	U	1.4	5.3	6.7	ug/L
86-74-8	Carbazole	1.5	U	1.5	5.3	6.7	ug/L
84-74-2	Di-n-butylphthalate	2	U	2	5.3	6.7	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5.3	6.7	ug/L
92-87-5	Benzidine	5.4	U	5.4	10.7	13.3	ug/L
129-00-0	Pyrene	1.4	U	1.4	5.3	6.7	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	5.3	6.7	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	10.7	13.3	ug/L
56-55-3	Benzo(a)anthracene	1.3	U	1.3	5.3	6.7	ug/L
218-01-9	Chrysene	1.1	U	1.1	5.3	6.7	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.5	U	2.5	5.3	6.7	ug/L
117-84-0	Di-n-octyl phthalate	3.3	U	3.3	10.7	13.3	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	5.3	6.7	ug/L
207-08-9	Benzo(k)fluoranthene	1.6	U	1.6	5.3	6.7	ug/L
50-32-8	Benzo(a)pyrene	2.2	U	2.2	5.3	6.7	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	5.3	6.7	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.5	U	1.5	5.3	6.7	ug/L
191-24-2	Benzo(g,h,i)perylene	1.6	U	1.6	5.3	6.7	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.5	U	1.5	5.3	6.7	ug/L
123-91-1	1,4-Dioxane	1.7	U	1.7	5.3	6.7	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.1	U	1.1	5.3	6.7	ug/L
90-12-0	1-Methylnaphthalene	1.1	U	1.1	5.3	6.7	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	60.761		10-139		41	SPK: -150
13127-88-3	Phenol-d6	37.292		10-134		25	SPK: -150
4165-60-0	Nitrobenzene-d5	74.966		49-133		75	SPK: -100
321-60-8	2-Fluorobiphenyl	72.827		52-132		73	SPK: -100

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	MW-13	SDG No.:	BF060324
Lab Sample ID:	P2660-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	750	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
BF138111.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	94.704		32-145		63	SPK: -150
1718-51-0	Terphenyl-d14	75.592		36-145		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129650	7.028				
1146-65-2	Naphthalene-d8	497048	8.316				
15067-26-2	Acenaphthene-d10	283668	10.08				
1517-22-2	Phenanthrene-d10	471901	11.574				
1719-03-5	Chrysene-d12	236400	14.227				
1520-96-3	Perylene-d12	266651	15.798				
TENTATIVE IDENTIFIED COMPOUNDS							
000110-82-7	Cyclohexane	5.2	J			2.187	
000994-05-8	Butane, 2-methoxy-2-methyl-	180	J			2.405	

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	MW-12	SDG No.:	BF060324
Lab Sample ID:	P2660-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	840	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
BF138112.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.2	U	1.2	9.5	11.9	ug/L
110-86-1	Pyridine	1.8	U	1.8	4.8	6	ug/L
100-52-7	Benzaldehyde	4.8	U	4.8	9.5	11.9	ug/L
62-53-3	Aniline	1.9	U	1.9	4.8	6	ug/L
108-95-2	Phenol	1.1	U	1.1	4.8	6	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.4	U	1.4	4.8	6	ug/L
95-57-8	2-Chlorophenol	0.85	U	0.85	4.8	6	ug/L
95-50-1	1,2-Dichlorobenzene	1	U	1	4.8	6	ug/L
541-73-1	1,3-Dichlorobenzene	0.95	U	0.95	4.8	6	ug/L
106-46-7	1,4-Dichlorobenzene	1	U	1	4.8	6	ug/L
100-51-6	Benzyl Alcohol	1.9	U	1.9	9.5	11.9	ug/L
95-48-7	2-Methylphenol	1.3	U	1.3	4.8	6	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.6	U	1.6	4.8	6	ug/L
98-86-2	Acetophenone	1.3	U	1.3	4.8	6	ug/L
65794-96-9	3+4-Methylphenols	1.4	U	1.4	9.5	11.9	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.8	U	1.8	3	3	ug/L
67-72-1	Hexachloroethane	1.2	U	1.2	4.8	6	ug/L
98-95-3	Nitrobenzene	1.5	U	1.5	4.8	6	ug/L
78-59-1	Isophorone	1.4	U	1.4	4.8	6	ug/L
88-75-5	2-Nitrophenol	2.3	U	2.3	4.8	6	ug/L
105-67-9	2,4-Dimethylphenol	1.8	U	1.8	4.8	6	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.2	U	1.2	4.8	6	ug/L
120-83-2	2,4-Dichlorophenol	1	U	1	4.8	6	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.3	U	1.3	4.8	6	ug/L
65-85-0	Benzoic acid	6.5	U	6.5	9.5	11.9	ug/L
91-20-3	Naphthalene	35.1		1.2	4.8	6	ug/L
106-47-8	4-Chloroaniline	1.5	U	1.5	4.8	6	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	4.8	6	ug/L

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	MW-12	SDG No.:	BF060324
Lab Sample ID:	P2660-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	840	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
BF138112.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2	U	2	9.5	11.9	ug/L
59-50-7	4-Chloro-3-methylphenol	1	U	1	4.8	6	ug/L
91-57-6	2-Methylnaphthalene	2.9	J	1.3	4.8	6	ug/L
77-47-4	Hexachlorocyclopentadiene	6	U	6	9.5	11.9	ug/L
88-06-2	2,4,6-Trichlorophenol	1.1	U	1.1	4.8	6	ug/L
95-95-4	2,4,5-Trichlorophenol	1.2	U	1.2	4.8	6	ug/L
92-52-4	1,1-Biphenyl	1.1	U	1.1	4.8	6	ug/L
91-58-7	2-Chloronaphthalene	1.2	U	1.2	4.8	6	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	4.8	6	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	4.8	6	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	4.8	6	ug/L
606-20-2	2,6-Dinitrotoluene	1.5	U	1.5	4.8	6	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	4.8	6	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	4.8	6	ug/L
Total PAH	Total PAH	35.1	U	20.56	4.8	96	ug/L
51-28-5	2,4-Dinitrophenol	7.6	U	7.6	9.5	11.9	ug/L
100-02-7	4-Nitrophenol	2.4	U	2.4	9.5	11.9	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	4.8	6	ug/L
121-14-2	2,4-Dinitrotoluene	1.8	U	1.8	4.8	6	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3.3	U	3.3	4.8	12	ug/L
84-66-2	Diethylphthalate	1.2	U	1.2	4.8	6	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.2	U	1.2	4.8	6	ug/L
86-73-7	Fluorene	1.1	U	1.1	4.8	6	ug/L
100-01-6	4-Nitroaniline	2.4	U	2.4	4.8	6	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.7	U	3.7	9.5	11.9	ug/L
86-30-6	n-Nitrosodiphenylamine	1.1	U	1.1	4.8	6	ug/L
103-33-3	Azobenzene	1.4	U	1.4	4.8	6	ug/L
101-55-3	4-Bromophenyl-phenylether	1.1	U	1.1	4.8	6	ug/L
118-74-1	Hexachlorobenzene	1.4	U	1.4	4.8	6	ug/L
1912-24-9	Atrazine	1.5	U	1.5	4.8	6	ug/L

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	MW-12	SDG No.:	BF060324
Lab Sample ID:	P2660-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	840	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
BF138112.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2.2	U	2.2	9.5	11.9	ug/L
85-01-8	Phenanthrene	1.1	U	1.1	4.8	6	ug/L
120-12-7	Anthracene	1.3	U	1.3	4.8	6	ug/L
86-74-8	Carbazole	1.4	U	1.4	4.8	6	ug/L
84-74-2	Di-n-butylphthalate	1.8	U	1.8	4.8	6	ug/L
206-44-0	Fluoranthene	1.5	U	1.5	4.8	6	ug/L
92-87-5	Benzidine	4.8	U	4.8	9.5	11.9	ug/L
129-00-0	Pyrene	1.3	U	1.3	4.8	6	ug/L
85-68-7	Butylbenzylphthalate	2.5	U	2.5	4.8	6	ug/L
91-94-1	3,3-Dichlorobenzidine	1.5	U	1.5	9.5	11.9	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	4.8	6	ug/L
218-01-9	Chrysene	1	U	1	4.8	6	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.3	U	2.3	4.8	6	ug/L
117-84-0	Di-n-octyl phthalate	3	U	3	9.5	11.9	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	4.8	6	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	4.8	6	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	4.8	6	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.2	U	1.2	4.8	6	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	4.8	6	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	4.8	6	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.3	U	1.3	4.8	6	ug/L
123-91-1	1,4-Dioxane	1.5	U	1.5	4.8	6	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.94	U	0.94	4.8	6	ug/L
90-12-0	1-Methylnaphthalene	6.3		1	4.8	6	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	57.283		10-139		38	SPK: -150
13127-88-3	Phenol-d6	39.103		10-134		26	SPK: -150
4165-60-0	Nitrobenzene-d5	75.027		49-133		75	SPK: -100
321-60-8	2-Fluorobiphenyl	71.243		52-132		71	SPK: -100

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	MW-12	SDG No.:	BF060324
Lab Sample ID:	P2660-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	840	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
BF138112.D	1	5/31/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	109.69		32-145		73	SPK: -150
1718-51-0	Terphenyl-d14	75.954		36-145		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118722	7.034				
1146-65-2	Naphthalene-d8	442100	8.316				
15067-26-2	Acenaphthene-d10	258975	10.081				
1517-22-2	Phenanthrene-d10	412893	11.575				
1719-03-5	Chrysene-d12	217327	14.227				
1520-96-3	Perylene-d12	250754	15.792				
TENTATIVE IDENTIFIED COMPOUNDS							
010420-90-3	1,3-Hexadien-5-yne	30.1	J			2.158	
000994-05-8	Butane, 2-methoxy-2-methyl-	180	J			2.393	
000611-14-3	Benzene, 1-ethyl-2-methyl-	23.8	J			6.587	
000622-96-8	Benzene, 1-ethyl-4-methyl-	64.7	J			6.716	
000496-11-7	Indane	84.6	J			7.21	
000141-93-5	Benzene, 1,3-diethyl-	9	J			7.269	
000095-13-6	Indene	15.6	J			7.292	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	13.6	J			7.34	
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl)-	11.5	J			7.487	
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	11.8	J			7.981	
003637-01-2	Ethanone, 1-(3,4-dimethylphenyl)-	10.1	J			8.586	
000112-05-0	Nonanoic acid	11.3	J			8.675	
000618-47-3	m-Toluamide	11.9	J			8.792	
000622-47-9	p-Tolylacetic acid	21	J			9.181	
	unknown9.322	15.5	J			9.322	

Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM		
Project:				Date Received:	5/21/2024 12:00:00 AM		
Client Sample ID:	BKG-2			SDG No.:	BF060324		
Lab Sample ID:	P2560-02			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	21.2		
Sample Wt/Vol:	30.09	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138113.D	1	6/3/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	420	ug/Kg
110-86-1	Pyridine	100	U	100	160	220	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	420	ug/Kg
62-53-3	Aniline	120	U	120	160	220	ug/Kg
108-95-2	Phenol	100	U	100	160	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	160	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	160	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	160	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	340	420	ug/Kg
95-48-7	2-Methylphenol	100	U	100	160	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	160	220	ug/Kg
98-86-2	Acetophenone	110	U	110	160	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	340	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51	U	51	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	160	220	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	220	ug/Kg
78-59-1	Isophorone	110	U	110	160	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	220	ug/Kg
120-83-2	2,4-Dichlorophenol	95.5	U	95.5	160	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	220	ug/Kg
65-85-0	Benzoic acid	300	U	300	340	420	ug/Kg
91-20-3	Naphthalene	100	U	100	160	220	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	160	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BKG-2	SDG No.:	BF060324
Lab Sample ID:	P2560-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.2
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138113.D	1	6/3/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	98.1	U	98.1	160	220	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	340	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	90.3	U	90.3	160	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	93.6	U	93.6	160	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	160	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	220	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	160	220	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	220	ug/Kg
Total PAH	Total PAH	1668.8	U	1668.8	160	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	340	420	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	340	420	ug/Kg
132-64-9	Dibenzofuran	110	U	110	160	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	160	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	220	ug/Kg
84-66-2	Diethylphthalate	100	U	100	160	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	220	ug/Kg
86-73-7	Fluorene	110	U	110	160	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	160	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	220	ug/Kg
103-33-3	Azobenzene	100	U	100	160	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99.8	U	99.8	160	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	220	ug/Kg
1912-24-9	Atrazine	120	U	120	160	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BKG-2	SDG No.:	BF060324
Lab Sample ID:	P2560-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.2
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138113.D	1	6/3/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	97.8	U	97.8	340	420	ug/Kg
85-01-8	Phenanthrene	110	U	110	160	220	ug/Kg
120-12-7	Anthracene	110	U	110	160	220	ug/Kg
86-74-8	Carbazole	100	U	100	160	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	160	220	ug/Kg
206-44-0	Fluoranthene	100	U	100	160	220	ug/Kg
92-87-5	Benzidine	210	U	210	340	420	ug/Kg
129-00-0	Pyrene	110	U	110	160	220	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	340	420	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	160	220	ug/Kg
218-01-9	Chrysene	100	U	100	160	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	160	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	160	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	160	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	98.8	U	98.8	160	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	160	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	160	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	94.5	U	94.5	160	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.707		18-112		56	SPK: -150
13127-88-3	Phenol-d6	80.282		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	54.06		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	51.531		20-109		52	SPK: -100

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BKG-2	SDG No.:	BF060324
Lab Sample ID:	P2560-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.2
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138113.D	1	6/3/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	65.097		10-110		43	SPK: -150
1718-51-0	Terphenyl-d14	46.872		14-112		47	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	138026	7.034				
1146-65-2	Naphthalene-d8	532297	8.316				
15067-26-2	Acenaphthene-d10	297338	10.081				
1517-22-2	Phenanthrene-d10	475895	11.575				
1719-03-5	Chrysene-d12	247273	14.227				
1520-96-3	Perylene-d12	293884	15.798				

Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM		
Project:				Date Received:	5/21/2024 12:00:00 AM		
Client Sample ID:	BKG-1			SDG No.:	BF060324		
Lab Sample ID:	P2560-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	20.7		
Sample Wt/Vol:	30.04	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:				Test:			
Extraction Type :				Decanted :	Level :	LOW	
Injection Volume :				GPC Factor :	GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138114.D	1	6/3/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	420	ug/Kg
110-86-1	Pyridine	100	U	100	160	210	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	420	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	160	210	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	340	420	ug/Kg
95-48-7	2-Methylphenol	100	U	100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	340	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.8	U	50.8	100	100	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	110	U	110	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	95.1	U	95.1	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	210	ug/Kg
65-85-0	Benzoic acid	300	U	300	340	420	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BKG-1	SDG No.:	BF060324
Lab Sample ID:	P2560-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138114.D	1	6/3/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	97.6	U	97.6	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	340	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	89.9	U	89.9	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	93.2	U	93.2	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	210	ug/Kg
Total PAH	Total PAH	1658.4	U	1658.4	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	340	420	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	340	420	ug/Kg
132-64-9	Dibenzofuran	110	U	110	160	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
84-66-2	Diethylphthalate	100	U	100	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	100	U	100	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99.4	U	99.4	160	210	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	210	ug/Kg
1912-24-9	Atrazine	120	U	120	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BKG-1	SDG No.:	BF060324
Lab Sample ID:	P2560-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138114.D	1	6/3/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	97.3	U	97.3	340	420	ug/Kg
85-01-8	Phenanthrene	110	U	110	160	210	ug/Kg
120-12-7	Anthracene	110	U	110	160	210	ug/Kg
86-74-8	Carbazole	100	U	100	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	160	210	ug/Kg
206-44-0	Fluoranthene	100	U	100	160	210	ug/Kg
92-87-5	Benzidine	210	U	210	340	420	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	340	420	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	160	210	ug/Kg
218-01-9	Chrysene	100	U	100	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	98.4	U	98.4	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	94.1	U	94.1	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.103		18-112		51	SPK: -150
13127-88-3	Phenol-d6	74.03		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	50.095		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	48.317		20-109		48	SPK: -100

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BKG-1	SDG No.:	BF060324
Lab Sample ID:	P2560-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138114.D	1	6/3/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	58.242		10-110		39	SPK: -150
1718-51-0	Terphenyl-d14	40.894		14-112		41	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	133497	7.034				
1146-65-2	Naphthalene-d8	505960	8.316				
15067-26-2	Acenaphthene-d10	279437	10.08				
1517-22-2	Phenanthrene-d10	423723	11.574				
1719-03-5	Chrysene-d12	239953	14.227				
1520-96-3	Perylene-d12	287769	15.792				

Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM		
Project:				Date Received:	5/21/2024 12:00:00 AM		
Client Sample ID:	BKG-3			SDG No.:	BF060324		
Lab Sample ID:	P2560-03			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	13		
Sample Wt/Vol:	30.07	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138115.D	1	6/3/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	99.5	U	99.5	310	380	ug/Kg
110-86-1	Pyridine	91.6	U	91.6	150	190	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	95.1	U	95.1	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	96	U	96	150	190	ug/Kg
95-57-8	2-Chlorophenol	95.8	U	95.8	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	97	U	97	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	98.6	U	98.6	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	99.2	U	99.2	150	190	ug/Kg
100-51-6	Benzyl Alcohol	95.2	U	95.2	310	380	ug/Kg
95-48-7	2-Methylphenol	92.4	U	92.4	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	99.7	U	99.7	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	91.5	U	91.5	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46.2	U	46.2	91.7	91.7	ug/Kg
67-72-1	Hexachloroethane	95.2	U	95.2	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	97	U	97	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	98.4	U	98.4	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	86.6	U	86.6	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	97.9	U	97.9	150	190	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	380	ug/Kg
91-20-3	Naphthalene	94.7	U	94.7	150	190	ug/Kg
106-47-8	4-Chloroaniline	94.7	U	94.7	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	95.5	U	95.5	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BKG-3	SDG No.:	BF060324
Lab Sample ID:	P2560-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138115.D	1	6/3/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	99.5	U	99.5	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	88.9	U	88.9	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	94.6	U	94.6	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	81.9	U	81.9	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	84.9	U	84.9	150	190	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	95.5	U	95.5	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	93.7	U	93.7	150	190	ug/Kg
208-96-8	Acenaphthylene	99.2	U	99.2	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	95.4	U	95.4	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	93	U	93	150	190	ug/Kg
Total PAH	Total PAH	1522.9	U	1522.9	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	96.8	U	96.8	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	194.2	U	194.2	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	98.8	U	98.8	150	190	ug/Kg
84-66-2	Diethylphthalate	91.9	U	91.9	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	98.2	U	98.2	150	190	ug/Kg
86-73-7	Fluorene	98	U	98	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	93.6	U	93.6	150	190	ug/Kg
103-33-3	Azobenzene	91.3	U	91.3	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	90.5	U	90.5	150	190	ug/Kg
118-74-1	Hexachlorobenzene	97.5	U	97.5	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BKG-3	SDG No.:	BF060324
Lab Sample ID:	P2560-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138115.D	1	6/3/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	88.6	U	88.6	310	380	ug/Kg
85-01-8	Phenanthrene	96.3	U	96.3	150	190	ug/Kg
120-12-7	Anthracene	96.8	U	96.8	150	190	ug/Kg
86-74-8	Carbazole	92.1	U	92.1	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	96.7	U	96.7	150	190	ug/Kg
206-44-0	Fluoranthene	93.7	U	93.7	150	190	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	95.2	U	95.2	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	92.5	U	92.5	150	190	ug/Kg
218-01-9	Chrysene	91.2	U	91.2	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	93	U	93	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	94.7	U	94.7	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	89.6	U	89.6	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	93.1	U	93.1	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	91.9	U	91.9	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	99.5	U	99.5	150	190	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	85.7	U	85.7	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	95.4	U	95.4	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	76.44		18-112		51	SPK: -150
13127-88-3	Phenol-d6	72.465		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	47.814		18-107		48	SPK: -100
321-60-8	2-Fluorobiphenyl	48.726		20-109		49	SPK: -100

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BKG-3	SDG No.:	BF060324
Lab Sample ID:	P2560-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138115.D	1	6/3/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	58.354		10-110		39	SPK: -150
1718-51-0	Terphenyl-d14	40.827		14-112		41	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	130512	7.034				
1146-65-2	Naphthalene-d8	501842	8.316				
15067-26-2	Acenaphthene-d10	272441	10.081				
1517-22-2	Phenanthrene-d10	407493	11.575				
1719-03-5	Chrysene-d12	242217	14.227				
1520-96-3	Perylene-d12	287291	15.792				

Hit Summary Sheet SW-846

SDG No.: BF060324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW-06								
P2660-01	MW-06	Water	Benzene, 1,2,3,4-tetramethyl-	*	3.400	J		
P2660-01	MW-06	Water	Benzene, 1,2-diethyl-	*	2.600	J		
P2660-01	MW-06	Water	Benzene, 1,4-diethyl-	*	4.800	J		
P2660-01	MW-06	Water	Butane, 2-methoxy-2-methyl-	*	160.000	J		
P2660-01	MW-06	Water	Cyclohexane	*	6.600	J		
P2660-01	MW-06	Water	Indane	*	10.400	J		
			Total Tics :		187.80			
P2660-01	MW-06	Water	Acenaphthene		3.700	J 0.84	5.2	ug/L
			Total Svoc :		3.70			
			Total Concentration:		191.50			
Client ID : MW-08								
P2660-02	MW-08	Water	Benzene, 1,2,3-trimethyl-	*	210.000	J		
P2660-02	MW-08	Water	Benzene, 1,3-diethyl-	*	59.500	J		
P2660-02	MW-08	Water	Benzene, 1-ethyl-2-methyl-	*	280.000	J		
P2660-02	MW-08	Water	Benzene, 1-ethyl-3,5-dimethyl-	*	140.000	J		
P2660-02	MW-08	Water	Benzene, 1-ethyl-3-methyl-	*	550.000	J		
P2660-02	MW-08	Water	Benzene, 1-methyl-3-(1-methylethyl)-	*	70.100	J		
P2660-02	MW-08	Water	Benzene, 2-ethyl-1,4-dimethyl-	*	93.100	J		
P2660-02	MW-08	Water	Benzene, propyl-	*	120.000	J		
P2660-02	MW-08	Water	Benzeneacetic acid, .alpha.-methy	*	25.400	J		
P2660-02	MW-08	Water	Butane, 2-methoxy-2-methyl-	*	100.000	J		
P2660-02	MW-08	Water	Indane	*	310.000	J		
P2660-02	MW-08	Water	Indene	*	130.000	J		
P2660-02	MW-08	Water	Mesitylene	*	780.000	J		
P2660-02	MW-08	Water	Octadecanoic acid	*	29.700	J		
			Total Tics :		2,897.80			
P2660-02	MW-08	Water	1-Methylnaphthalene		68.300	0.88	5.1	ug/L
P2660-02	MW-08	Water	2,4-Dimethylphenol		65.000	1.5	5.1	ug/L
P2660-02	MW-08	Water	2-Methylnaphthalene		130.000	E 1.2	5.1	ug/L
P2660-02	MW-08	Water	3+4-Methylphenols		8.100	J 1.2	10.2	ug/L
P2660-02	MW-08	Water	Naphthalene		390.000	E 1	5.1	ug/L
			Total Svoc :		661.40			
			Total Concentration:		3,559.20			
Client ID : MW-10								
P2660-03	MW-10	Water	1-Penten-3-ol, 1-phenyl-	*	2.100	J		
P2660-03	MW-10	Water	1H-Indene, 2,3-dihydro-1,1-dimet	*	2.200	J		
P2660-03	MW-10	Water	2,2-Dimethylindene, 2,3-dihydro-	*	2.100	J		

Hit Summary Sheet SW-846

SDG No.: BF060324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P2660-03	MW-10	Water	4,7-Methanoindene, 3a,4,5,6,7,7a-	*	2.900	J		
P2660-03	MW-10	Water	Benzene, (2-methyl-1-butenyl)-	*	3.300	J		
P2660-03	MW-10	Water	Benzene, 1,2-diethyl-	*	2.700	J		
P2660-03	MW-10	Water	Benzene, 1,3-diethyl-	*	3.200	J		
P2660-03	MW-10	Water	Benzene, 1,4-diethyl-	*	2.100	J		
P2660-03	MW-10	Water	Benzene, 1-ethyl-4-(1-methylethyl)-	*	3.600	J		
P2660-03	MW-10	Water	Benzene, pentamethyl-	*	3.300	J		
P2660-03	MW-10	Water	Butane, 2-methoxy-2-methyl-	*	140.000	J		
P2660-03	MW-10	Water	Cyclohexane	*	5.000	J		
P2660-03	MW-10	Water	Heptadecane, 2,6,10,15-tetramethyl-	*	2.400	J		
P2660-03	MW-10	Water	Naphthalene, 1,6,7-trimethyl-	*	2.100	J		
P2660-03	MW-10	Water	Octadecane	*	2.500	J		
P2660-03	MW-10	Water	Pentadecane, 2,6,10,14-tetramethyl-	*	5.500	J		
P2660-03	MW-10	Water	Pentadecane, 2,6,10-trimethyl-	*	3.400	J		
Total Tics :					188.40			
Total Concentration:					188.40			
Client ID : MW-11								
P2660-04	MW-11	Water	Butane, 2-methoxy-2-methyl-	*	150.000	J		
P2660-04	MW-11	Water	Cyclohexane	*	4.500	J		
Total Tics :					154.50			
Total Concentration:					154.50			
Client ID : MW-13								
P2660-05	MW-13	Water	Butane, 2-methoxy-2-methyl-	*	180.000	J		
P2660-05	MW-13	Water	Cyclohexane	*	5.200	J		
Total Tics :					185.20			
P2660-05	MW-13	Water	Caprolactam		6.600	J 2.2	13.3	ug/L
Total Svoc :					6.60			
Total Concentration:					191.80			
Client ID : MW-12								
P2660-06	MW-12	Water	1,3-Hexadien-5-yne	*	30.100	J		
P2660-06	MW-12	Water	1H-Indene, 2,3-dihydro-4-methyl-	*	11.800	J		
P2660-06	MW-12	Water	Benzene, 1,3-diethyl-	*	9.000	J		
P2660-06	MW-12	Water	Benzene, 1-ethyl-2-methyl-	*	23.800	J		
P2660-06	MW-12	Water	Benzene, 1-ethyl-4-methyl-	*	64.700	J		
P2660-06	MW-12	Water	Benzene, 1-methyl-3-(1-methylethyl)-	*	11.500	J		
P2660-06	MW-12	Water	Benzene, 2-ethyl-1,4-dimethyl-	*	13.600	J		
P2660-06	MW-12	Water	Butane, 2-methoxy-2-methyl-	*	180.000	J		
P2660-06	MW-12	Water	Ethanone, 1-(3,4-dimethylphenyl)-	*	10.100	J		
P2660-06	MW-12	Water	Indane	*	84.600	J		

Hit Summary Sheet SW-846

SDG No.: BF060324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P2660-06	MW-12	Water	Indene	*	15.600	J		
P2660-06	MW-12	Water	m-Toluamide	*	11.900	J		
P2660-06	MW-12	Water	Nonanoic acid	*	11.300	J		
P2660-06	MW-12	Water	p-Tolylacetic acid	*	21.000	J		
P2660-06	MW-12	Water	unknown9.322	*	15.500	J		
Total Tics :					514.50			
P2660-06	MW-12	Water	1-Methylnaphthalene		6.300	1	6	ug/L
P2660-06	MW-12	Water	2-Methylnaphthalene		2.900	J 1.3	6	ug/L
P2660-06	MW-12	Water	Naphthalene		35.100	1.2	6	ug/L
Total Svoc :					44.30			
Total Concentration:					558.80			
Client ID : WCS-TPR								
P2662-04	WCS-TPR	water	Benzoic acid		210.000	54.7	100	ug/L
Total Svoc :					210.00			
Total Concentration:					210.00			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF053124 SAS No.: BF053124 SDG No.: BF053124
Instrument ID: _____ Calibration Date(s): 5/31/2024 : _____
Calibration Time(s): 13:52 _____

LAB FILE ID:		RRF2.5 = BF138085.D			RRF005 = BF138086.D		RRF010 = BF138087.D	
		RRF020 = BF138088.D			RRF040 = BF138089.D		RRF050 = BF138090.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.462	0.483	0.486	0.469	0.468	0.471	2.1
Pyridine		0.929	1.069	1.147	1.107	1.090	1.073	6.4
2-Fluorophenol		1.208	1.206	1.206	1.084	1.054	1.119	7.7
Benzaldehyde		0.911	0.881	0.787	0.556	0.486	0.640	33.5
Aniline			0.366	0.754	0.696	0.648	0.619	21.6
Phenol-d6		1.578	1.539	1.534	1.417	1.356	1.441	7.7
Phenol		1.539	1.494	1.526	1.412	1.351	1.427	6.7
bis(2-Chloroethyl)ether		1.185	1.383	1.271	1.124	1.071	1.181	9.4
2-Chlorophenol		1.424	1.326	1.378	1.262	1.215	1.283	7.6
1,2-Dichlorobenzene		1.575	1.515	1.516	1.403	1.339	1.419	8.4
1,3-Dichlorobenzene		1.608	1.580	1.592	1.468	1.423	1.491	6.9
1,4-Dichlorobenzene		1.607	1.584	1.594	1.494	1.442	1.499	6.7
Benzyl Alcohol			0.440	0.517	0.613	0.644	0.596	16.3
2-Methylphenol		1.103	1.085	1.084	1.019	0.975	1.030	6.0
2,2-oxybis(1-Chloropropane)		1.367	1.387	1.388	1.288	1.249	1.301	6.3
Acetophenone		0.479	0.486	0.477	0.442	0.427	0.451	6.8
3+4-Methylphenols		1.406	1.376	1.398	1.294	1.220	1.295	8.1
n-Nitroso-di-n-propylamine	0.863	0.927	0.875	0.895	0.813	0.776	0.835	7.6
Nitrobenzene-d5		0.356	0.356	0.360	0.340	0.331	0.343	4.4
Hexachloroethane		0.538	0.515	0.541	0.513	0.494	0.509	5.0
Nitrobenzene		0.350	0.353	0.353	0.338	0.331	0.342	3.3
Isophorone		0.626	0.613	0.624	0.579	0.565	0.592	4.8
2-Nitrophenol		0.174	0.179	0.193	0.188	0.182	0.183	3.6
2,4-Dimethylphenol		0.205	0.214	0.237	0.225	0.215	0.219	4.9
bis(2-Chloroethoxy)methane		0.386	0.377	0.384	0.359	0.344	0.362	5.7
2,4-Dichlorophenol		0.294	0.300	0.312	0.295	0.284	0.293	4.1
1,2,4-Trichlorobenzene		0.343	0.342	0.340	0.321	0.312	0.325	5.3
Benzoic acid			0.079	0.111	0.160	0.172	0.149	29.4
Naphthalene		1.133	1.094	1.094	1.007	0.971	1.029	7.8
4-Chloroaniline		0.354	0.350	0.369	0.347	0.335	0.347	3.7
Hexachlorobutadiene		0.225	0.212	0.222	0.208	0.200	0.210	5.2
Caprolactam		0.092	0.094	0.093	0.087	0.084	0.089	5.1
4-Chloro-3-methylphenol		0.300	0.299	0.314	0.291	0.282	0.294	4.4
2-Methylnaphthalene		0.744	0.729	0.725	0.660	0.638	0.677	8.2
Hexachlorocyclopentadiene		0.153	0.176	0.205	0.218	0.213	0.198	12.1
2,4,6-Trichlorophenol		0.380	0.389	0.395	0.378	0.362	0.377	3.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF053124 SAS No.: BF053124 SDG No.: BF053124

Instrument ID: _____ Calibration Date(s): 5/31/2024 : _____

Calibration Time(s): 13:52 _____

LAB FILE ID:		RRF2.5 = BF138085.D		RRF005 = BF138086.D		RRF010 = BF138087.D		
		RRF020 = BF138088.D		RRF040 = BF138089.D		RRF050 = BF138090.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.518	1.488	1.440	1.322	1.239	1.349	9.9
2,4,5-Trichlorophenol		0.416	0.412	0.420	0.413	0.400	0.411	2.4
1,1-Biphenyl		1.537	1.533	1.512	1.432	1.355	1.438	6.4
2-Chloronaphthalene		1.226	1.222	1.216	1.136	1.088	1.154	5.9
2-Nitroaniline		0.284	0.299	0.302	0.289	0.276	0.289	3.5
Dimethylphthalate		1.411	1.399	1.384	1.302	1.236	1.325	5.5
Acenaphthylene		1.781	1.758	1.747	1.627	1.549	1.651	6.8
2,6-Dinitrotoluene		0.313	0.320	0.319	0.300	0.288	0.304	4.5
3-Nitroaniline		0.282	0.299	0.305	0.291	0.279	0.290	3.6
Acenaphthene		1.135	1.112	1.098	1.028	0.972	1.046	6.7
2,4-Dinitrophenol			0.117	0.139	0.151	0.155	0.148	12.0
4-Nitrophenol		0.142	0.169	0.202	0.207	0.199	0.193	14.3
Dibenzofuran		1.751	1.730	1.714	1.582	1.493	1.606	8.0
2,4-Dinitrotoluene		0.398	0.419	0.426	0.396	0.382	0.401	4.4
Diethylphthalate		1.360	1.340	1.328	1.226	1.173	1.259	6.7
4-Chlorophenyl-phenylether		0.720	0.702	0.696	0.640	0.606	0.653	8.1
Fluorene		1.417	1.403	1.389	1.267	1.194	1.294	8.5
4-Nitroaniline		0.295	0.303	0.303	0.259	0.227	0.263	14.7
4,6-Dinitro-2-methylphenol		0.105	0.115	0.132	0.130	0.131	0.125	8.9
n-Nitrosodiphenylamine		0.647	0.644	0.654	0.623	0.608	0.622	4.6
Azobenzene		1.147	1.152	1.145	1.061	1.012	1.082	6.3
2,4,6-Tribromophenol		0.248	0.243	0.244	0.230	0.219	0.233	5.1
4-Bromophenyl-phenylether		0.240	0.237	0.243	0.234	0.230	0.234	2.9
Hexachlorobenzene		0.270	0.268	0.273	0.258	0.253	0.260	4.2
Atrazine		0.154	0.173	0.182	0.178	0.172	0.172	5.6
Pentachlorophenol		0.113	0.119	0.139	0.140	0.142	0.135	9.9
Phenanthrene		1.103	1.059	1.063	0.993	0.957	1.006	7.2
Anthracene		1.087	1.057	1.075	0.981	0.958	1.003	7.0
Carbazole		1.019	0.998	0.999	0.908	0.879	0.932	8.0
Di-n-butylphthalate		1.200	1.180	1.190	1.097	1.060	1.113	7.4
Fluoranthene		1.224	1.166	1.157	1.025	0.973	1.061	11.5
Benzidine		0.125	0.171	0.262	0.216	0.191	0.192	23.8
Pyrene		1.617	1.640	1.814	1.790	1.689	1.699	5.2
Terphenyl-d14		1.388	1.397	1.488	1.441	1.334	1.383	5.8
Butylbenzylphthalate		0.607	0.615	0.661	0.635	0.600	0.617	4.4
3,3-Dichlorobenzidine		0.385	0.389	0.392	0.350	0.328	0.350	12.6

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF053124 SAS No.: BF053124 SDG No.: BF053124
Instrument ID: _____ Calibration Date(s): 5/31/2024 : _____
Calibration Time(s): 13:52 _____

LAB FILE ID:		RRF2.5 = BF138085.D			RRF005 = BF138086.D		RRF010 = BF138087.D	
		RRF020 = BF138088.D			RRF040 = BF138089.D		RRF050 = BF138090.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.368	1.324	1.367	1.311	1.252	1.306	4.0
Chrysene		1.310	1.260	1.274	1.227	1.173	1.233	4.3
Bis(2-ethylhexyl)phthalate		0.844	0.860	0.904	0.855	0.804	0.839	5.2
Di-n-octyl phthalate		1.272	1.199	1.260	1.222	1.206	1.230	2.4
Benzo(b)fluoranthene		1.285	1.270	1.313	1.171	1.191	1.232	5.0
Benzo(k)fluoranthene		1.311	1.261	1.220	1.177	1.071	1.171	8.4
Benzo(a)pyrene		1.064	1.031	1.091	1.018	0.992	1.030	3.6
Indeno(1,2,3-cd)pyrene		1.022	1.076	1.210	1.253	1.259	1.205	9.4
Dibenzo(a,h)anthracene		0.836	0.876	1.003	1.039	1.037	0.989	9.5
Benzo(g,h,i)perylene		0.838	0.879	1.013	1.046	1.064	1.005	10.4
1,2,4,5-Tetrachlorobenzene		0.585	0.584	0.595	0.571	0.546	0.568	4.0
1,4-Dioxane		0.523	0.500	0.496	0.482	0.475	0.486	4.6
2,3,4,6-Tetrachlorophenol		0.316	0.334	0.337	0.331	0.311	0.324	3.5
1-Methylnaphthalene		0.718	0.705	0.714	0.651	0.615	0.659	8.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF060324 SAS No.: BF060324 SDG NO.: BF060324

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

Lab File ID: BF138089.D Time Analyzed: 10:27

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	124994	7.034	485392	8.32	272400	10.09
	UPPER LIMIT	249988	7.534	970784	8.822	544800	10.586
	LOWER LIMIT	62497	6.534	242696	7.822	136200	9.586
	EPA SAMPLE NO.						
01	PB161222BL	129487	7.03	513973	8.32	306303	10.08
02	PB161236BL	128905	7.03	505293	8.32	306872	10.08
03	PB161242BS	151473	7.03	596301	8.32	348014	10.09
04	PB161242BL	130689	7.03	529727	8.32	315674	10.08
05	PB161189TB	131806	7.03	520287	8.32	307344	10.08
06	WCS-TPS	121287	7.03	468107	8.32	263517	10.08
07	WCS-TPSMS	127431	7.03	493087	8.32	280707	10.08
08	WCS-TPSMSD	127072	7.03	493210	8.32	273122	10.09
09	WCS-TPR	123079	7.03	468058	8.32	269071	10.08
10	B1COMP (8-16)	130291	7.03	508306	8.32	286191	10.08
11	MW-06	127427	7.03	495152	8.32	280629	10.08
12	MW-08	125310	7.05	421978	8.33	274622	10.08
13	MW-10	125743	7.03	478403	8.32	269706	10.08
14	MW-11	121708	7.03	481691	8.32	270212	10.08
15	MW-13	129650	7.03	497048	8.32	283668	10.08
16	MW-12	118722	7.03	442100	8.32	258975	10.08
17	BKG-2	138026	7.03	532297	8.32	297338	10.08
18	BKG-1	133497	7.03	505960	8.32	279437	10.08
19	BKG-3	130512	7.03	501842	8.32	272441	10.08



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF060324 SAS No.: BF060324 SDG NO.: BF060324

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

Lab File ID: BF138089.D Time Analyzed: 19:25

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	124994	7.034	485392	8.32	272400	10.09
UPPER LIMIT	249988	7.534	970784	8.822	544800	10.586
LOWER LIMIT	62497	6.534	242696	7.822	136200	9.586
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF060324 SAS No.: BF060324 SDG NO.: BF060324

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

Lab File ID: BF138096.D Time Analyzed: 10:27

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	135624	7.034	516049	8.32	296018	10.09
	UPPER LIMIT	271248	7.534	1032098	8.822	592036	10.586
	LOWER LIMIT	67812	6.534	258024.5	7.822	148009	9.586
	EPA SAMPLE NO.						
01	PB161222BL	129487	7.03	513973	8.32	306303	10.08
02	PB161236BL	128905	7.03	505293	8.32	306872	10.08
03	PB161242BS	151473	7.03	596301	8.32	348014	10.09
04	PB161242BL	130689	7.03	529727	8.32	315674	10.08
05	PB161189TB	131806	7.03	520287	8.32	307344	10.08
06	WCS-TPS	121287	7.03	468107	8.32	263517	10.08
07	WCS-TPSMS	127431	7.03	493087	8.32	280707	10.08
08	WCS-TPSMSD	127072	7.03	493210	8.32	273122	10.09
09	WCS-TPR	123079	7.03	468058	8.32	269071	10.08
10	B1COMP (8-16)	130291	7.03	508306	8.32	286191	10.08
11	MW-06	127427	7.03	495152	8.32	280629	10.08
12	MW-08	125310	7.05	421978	8.33	274622	10.08
13	MW-10	125743	7.03	478403	8.32	269706	10.08
14	MW-11	121708	7.03	481691	8.32	270212	10.08
15	MW-13	129650	7.03	497048	8.32	283668	10.08
16	MW-12	118722	7.03	442100	8.32	258975	10.08
17	BKG-2	138026	7.03	532297	8.32	297338	10.08
18	BKG-1	133497	7.03	505960	8.32	279437	10.08
19	BKG-3	130512	7.03	501842	8.32	272441	10.08



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF060324 SAS No.: BF060324 SDG NO.: BF060324

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

Lab File ID: BF138096.D Time Analyzed: 19:25

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	135624	7.034	516049	8.32	296018	10.09
UPPER LIMIT	271248	7.534	1032098	8.822	592036	10.586
LOWER LIMIT	67812	6.534	258024.5	7.822	148009	9.586
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.: BF060324 SAS No.: BF060324 SDG NO.: BF060324

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

Lab File ID: BF138089.D Time Analyzed: 10:27

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	462151	11.58	265633	14.239	246591	15.804
	UPPER LIMIT	924302	12.08	531266	14.739	493182	16.304
	LOWER LIMIT	231075.5	11.08	132816.5	13.739	123295.5	15.304
	EPA SAMPLE NO.						
01	PB161222BL	577736	11.58	456712	14.23	390844	15.80
02	PB161236BL	565267	11.57	442748	14.23	378676	15.80
03	PB161242BS	593658	11.58	353564	14.23	309131	15.80
04	PB161242BL	592909	11.58	452378	14.23	390680	15.80
05	PB161189TB	576469	11.57	440949	14.23	376218	15.80
06	WCS-TPS	429122	11.57	227203	14.23	245998	15.80
07	WCS-TPSMS	453084	11.58	230587	14.23	278172	15.80
08	WCS-TPSMSD	438542	11.58	222103	14.23	272058	15.80
09	WCS-TPR	465246	11.57	230405	14.23	249257	15.80
10	B1COMP(8-16)	474742	11.58	240837	14.23	266151	15.80
11	MW-06	461389	11.58	226081	14.23	241315	15.80
12	MW-08	438576	11.58	226193	14.23	258116	15.80
13	MW-10	443629	11.58	230769	14.23	253934	15.80
14	MW-11	444319	11.58	227457	14.23	251246	15.79
15	MW-13	471901	11.57	236400	14.23	266651	15.80
16	MW-12	412893	11.58	217327	14.23	250754	15.79
17	BKG-2	475895	11.58	247273	14.23	293884	15.80
18	BKG-1	423723	11.57	239953	14.23	287769	15.79
19	BKG-3	407493	11.58	242217	14.23	287291	15.79

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF060324 SAS No.: BF060324 SDG NO.: BF060324

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

Lab File ID: BF138089.D Time Analyzed: 19:25

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	462151	11.58	265633	14.239	246591	15.804
UPPER LIMIT	924302	12.08	531266	14.739	493182	16.304
LOWER LIMIT	231075.5	11.08	132816.5	13.739	123295.5	15.304
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.: BF060324 SAS No.: BF060324 SDG NO.: BF060324

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

Lab File ID: BF138096.D Time Analyzed: 10:27

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	516267	11.58	312307	14.233	289186	15.804
	UPPER LIMIT	1032534	12.08	624614	14.733	578372	16.304
	LOWER LIMIT	258133.5	11.08	156153.5	13.733	144593	15.304
	EPA SAMPLE NO.						
01	PB161222BL	577736	11.58	456712	14.23	390844	15.80
02	PB161236BL	565267	11.57	442748	14.23	378676	15.80
03	PB161242BS	593658	11.58	353564	14.23	309131	15.80
04	PB161242BL	592909	11.58	452378	14.23	390680	15.80
05	PB161189TB	576469	11.57	440949	14.23	376218	15.80
06	WCS-TPS	429122	11.57	227203	14.23	245998	15.80
07	WCS-TPSMS	453084	11.58	230587	14.23	278172	15.80
08	WCS-TPSMSD	438542	11.58	222103	14.23	272058	15.80
09	WCS-TPR	465246	11.57	230405	14.23	249257	15.80
10	B1COMP(8-16)	474742	11.58	240837	14.23	266151	15.80
11	MW-06	461389	11.58	226081	14.23	241315	15.80
12	MW-08	438576	11.58	226193	14.23	258116	15.80
13	MW-10	443629	11.58	230769	14.23	253934	15.80
14	MW-11	444319	11.58	227457	14.23	251246	15.79
15	MW-13	471901	11.57	236400	14.23	266651	15.80
16	MW-12	412893	11.58	217327	14.23	250754	15.79
17	BKG-2	475895	11.58	247273	14.23	293884	15.80
18	BKG-1	423723	11.57	239953	14.23	287769	15.79
19	BKG-3	407493	11.58	242217	14.23	287291	15.79

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF060324 SAS No.: BF060324 SDG NO.: BF060324

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

Lab File ID: BF138096.D Time Analyzed: 19:25

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	516267	11.58	312307	14.233	289186	15.804
UPPER LIMIT	1032534	12.08	624614	14.733	578372	16.304
LOWER LIMIT	258133.5	11.08	156153.5	13.733	144593	15.304
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.: **BF060324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161242BS	n-Nitrosodimethylamine	50	45.2	ug/L	90				55	108	
	Pyridine	50	35.7	ug/L	71				29	97	
	Benzaldehyde	50	54.1	ug/L	108				15	121	
	Aniline	50	11.8	ug/L	24				10	130	
	Phenol	50	45.8	ug/L	92				66	118	
	bis(2-Chloroethyl)ether	50	51.9	ug/L	104		*		62	103	
	2-Chlorophenol	50	46.6	ug/L	93				70	117	
	1,2-Dichlorobenzene	50	42.5	ug/L	85				72	102	
	1,3-Dichlorobenzene	50	41.6	ug/L	83				71	103	
	1,4-Dichlorobenzene	50	41.8	ug/L	84				76	103	
	Benzyl Alcohol	50	65.2	ug/L	130		*		36	93	
	2-Methylphenol	50	46.1	ug/L	92				69	109	
	2,2-oxybis(1-Chloropropane)	50	45.6	ug/L	91				52	103	
	Acetophenone	50	43.5	ug/L	87				60	104	
	3+4-Methylphenols	50	45.5	ug/L	91				67	106	
	N-Nitroso-di-n-propylamine	50	44.7	ug/L	89				57	107	
	Hexachloroethane	50	41.9	ug/L	84				76	118	
	Nitrobenzene	50	43.2	ug/L	86				58	106	
	Isophorone	50	44.7	ug/L	89				61	102	
	2-Nitrophenol	50	46.3	ug/L	93				70	115	
	2,4-Dimethylphenol	50	51.6	ug/L	103				67	130	
	bis(2-Chloroethoxy)methane	50	44.5	ug/L	89				58	109	
	2,4-Dichlorophenol	50	46.9	ug/L	94				66	115	
	1,2,4-Trichlorobenzene	50	42.6	ug/L	85				41	115	
	Benzoic acid	50	50.6	ug/L	101				10	125	
	Naphthalene	50	42.9	ug/L	86				64	107	
	4-Chloroaniline	50	13.7	ug/L	27				10	85	
	Hexachlorobutadiene	50	40.3	ug/L	81				69	101	
	Caprolactam	50	42.5	ug/L	85				58	128	
	4-Chloro-3-methylphenol	50	46.4	ug/L	93				65	114	
	2-Methylnaphthalene	50	43.5	ug/L	87				64	107	
	Hexachlorocyclopentadiene	100	120	ug/L	120				36	160	
	2,4,6-Trichlorophenol	50	44.4	ug/L	89				61	110	
	2,4,5-Trichlorophenol	50	43.3	ug/L	87				70	106	
	1,1-Biphenyl	50	43.3	ug/L	87				72	98	
	2-Chloronaphthalene	50	41.6	ug/L	83				59	106	
	2-Nitroaniline	50	46	ug/L	92				58	107	
	Dimethylphthalate	50	44.3	ug/L	89				64	103	
	Acenaphthylene	50	46.1	ug/L	92				65	108	
	2,6-Dinitrotoluene	50	42.9	ug/L	86				64	110	
	3-Nitroaniline	50	31.5	ug/L	63				28	100	
	Acenaphthene	50	42.3	ug/L	85				59	113	
	Total PAH	800	743.1	ug/L	93				59	113	
	2,4-Dinitrophenol	100	100	ug/L	100				64	132	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF060324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161242BS	4-Nitrophenol	100	100	ug/L	100				68	116	
	Dibenzofuran	50	43.3	ug/L	87				65	106	
	2,4-Dinitrotoluene	50	45	ug/L	90				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	87.9	ug/L	88				60	115	
	Diethylphthalate	50	44	ug/L	88				63	105	
	4-Chlorophenyl-phenylether	50	42.3	ug/L	85				61	104	
	Fluorene	50	42.5	ug/L	85				64	107	
	4-Nitroaniline	50	47.1	ug/L	94				69	112	
	4,6-Dinitro-2-methylphenol	50	47.7	ug/L	95				62	132	
	N-Nitrosodiphenylamine	50	45.4	ug/L	91				61	109	
	Azobenzene	50	44.4	ug/L	89				59	106	
	4-Bromophenyl-phenylether	50	43.4	ug/L	87				73	103	
	Hexachlorobenzene	50	43.3	ug/L	87				73	106	
	Atrazine	50	51.9	ug/L	104				76	120	
	Pentachlorophenol	100	93.3	ug/L	93				47	114	
	Phenanthrene	50	44.6	ug/L	89				62	109	
	Anthracene	50	44.9	ug/L	90				65	110	
	Carbazole	50	43.9	ug/L	88				62	106	
	Di-n-butylphthalate	50	44	ug/L	88				64	106	
	Fluoranthene	50	43.1	ug/L	86				64	110	
	Benzidine	100	7.9	ug/L	8		*		10	94	
	Pyrene	50	45.9	ug/L	92				71	103	
	Butylbenzylphthalate	50	48.2	ug/L	96				61	105	
	3,3-Dichlorobenzidine	50	40.9	ug/L	82				43	108	
	Benzo(a)anthracene	50	46.7	ug/L	93				62	107	
	Chrysene	50	45.7	ug/L	91				61	108	
	bis(2-Ethylhexyl)phthalate	50	48.4	ug/L	97				59	110	
	Di-n-octyl phthalate	50	48.2	ug/L	96				67	126	
	Benzo(b)fluoranthene	50	47.6	ug/L	95				77	113	
	Benzo(k)fluoranthene	50	49	ug/L	98				64	113	
	Benzo(a)pyrene	50	50.7	ug/L	101				72	131	
	Indeno(1,2,3-cd)pyrene	50	51.4	ug/L	103				72	105	
	Dibenz(a,h)anthracene	50	51.8	ug/L	104				78	115	
	Benzo(g,h,i)perylene	50	47.9	ug/L	96				75	118	
	1,2,4,5-Tetrachlorobenzene	50	43.3	ug/L	87				72	101	
	1,4-Dioxane	50	35.2	ug/L	70				38	125	
	2,3,4,6-Tetrachlorophenol	50	45.8	ug/L	92				63	116	
	1-Methylnaphthalene	50	41.4	ug/L	83				51	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161222BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF060324

SAS No.: BF060324 SDG NO.: BF060324

Lab File ID: BF138097.D

Lab Sample ID: PB161222BL

Instrument ID: BNA_F

Date Extracted: 05/31/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/03/2024

Level: (low/med) LOW

Time Analyzed: 10:27

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
B1COMP (8-16)	P2661-01	BF138106.D	06/03/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161236BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF060324

SAS No.: BF060324 SDG NO.: BF060324

Lab File ID: BF138098.D

Lab Sample ID: PB161236BL

Instrument ID: BNA_F

Date Extracted: 05/31/2024

Matrix: (soil/water) Water

Date Analyzed: 06/03/2024

Level: (low/med) LOW

Time Analyzed: 10:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MW-06	P2660-01	BF138107.D	06/03/2024
MW-08	P2660-02	BF138108.D	06/03/2024
MW-10	P2660-03	BF138109.D	06/03/2024
MW-11	P2660-04	BF138110.D	06/03/2024
MW-13	P2660-05	BF138111.D	06/03/2024
MW-12	P2660-06	BF138112.D	06/03/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161242BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF060324

SAS No.: BF060324 SDG NO.: BF060324

Lab File ID: BF138100.D

Lab Sample ID: PB161242BL

Instrument ID: BNA_F

Date Extracted: 05/31/2024

Matrix: (soil/water) water

Date Analyzed: 06/03/2024

Level: (low/med) LOW

Time Analyzed: 11:54

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161189TB	PB161189TB	BF138101.D	06/03/2024
WCS-TPS	P2646-04	BF138102.D	06/03/2024
WCS-TPSMS	P2646-04MS	BF138103.D	06/03/2024
WCS-TPSMSD	P2646-04MSD	BF138104.D	06/03/2024
WCS-TPR	P2662-04	BF138105.D	06/03/2024
PB161242BS	PB161242BS	BF138099.D	06/03/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

BKG-2

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF060324

SAS No.: BF060324 SDG NO.: BF060324

Lab File ID: BF138113.D

Lab Sample ID: P2560-02

Instrument ID: BNA_F

Date Extracted: 06/03/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/03/2024

Level: (low/med) LOW

Time Analyzed: 18:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BKG-2	P2560-02	BF138113.D	06/03/2024
BKG-1	P2560-01	BF138114.D	06/03/2024
BKG-3	P2560-03	BF138115.D	06/03/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF060324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2646-04MS		Client Sample ID: WCS-TPSMS		DataFile: BF138103.D							
n-Nitrosodimethylamine	500		460	ug/L	92				10	130	
Pyridine	500		260	ug/L	52				10	109	
Benzaldehyde	500		44.8	ug/L	9	*			10	137	
Aniline	500		130	ug/L	26				10	130	
Phenol	500		410	ug/L	82				10	130	
bis(2-Chloroethyl)ether	500		490	ug/L	98				29	141	
2-Chlorophenol	500		450	ug/L	90				23	127	
1,2-Dichlorobenzene	500		420	ug/L	84				61	114	
1,3-Dichlorobenzene	500		420	ug/L	84				65	106	
1,4-Dichlorobenzene	500		420	ug/L	84				55	125	
Benzyl Alcohol	500		600	ug/L	120	*			31	94	
2-Methylphenol	500		440	ug/L	88				23	132	
2,2-oxybis(1-Chloropropane)	500		460	ug/L	92				36	141	
Acetophenone	500		450	ug/L	90				31	164	
3+4-Methylphenols	500		430	ug/L	86				17	136	
N-Nitroso-di-n-propylamine	500		440	ug/L	88				36	147	
Hexachloroethane	500		420	ug/L	84				35	137	
Nitrobenzene	500		430	ug/L	86				40	134	
Isophorone	500		460	ug/L	92				39	146	
2-Nitrophenol	500		450	ug/L	90				30	148	
2,4-Dimethylphenol	500		470	ug/L	94				17	143	
bis(2-Chloroethoxy)methane	500		450	ug/L	90				39	143	
2,4-Dichlorophenol	500		460	ug/L	92				22	146	
1,2,4-Trichlorobenzene	500		420	ug/L	84				66	110	
Benzoic acid	500		200	ug/L	40				10	101	
Naphthalene	500		430	ug/L	86				17	157	
4-Chloroaniline	500		120	ug/L	24				10	95	
Hexachlorobutadiene	500		410	ug/L	82				52	125	
Caprolactam	500		340	ug/L	68				10	130	
4-Chloro-3-methylphenol	500		450	ug/L	90				17	148	
2-Methylnaphthalene	500		440	ug/L	88				38	146	
Hexachlorocyclopentadiene	1000		1300	ug/L	130				20	153	
2,4,6-Trichlorophenol	500		440	ug/L	88				46	139	
2,4,5-Trichlorophenol	500		450	ug/L	90				42	129	
1,1-Biphenyl	500		450	ug/L	90				38	154	
2-Chloronaphthalene	500		430	ug/L	86				41	145	
2-Nitroaniline	500		480	ug/L	96				39	151	
Dimethylphthalate	500		460	ug/L	92				42	147	
Acenaphthylene	500		480	ug/L	96				40	141	
2,6-Dinitrotoluene	500		450	ug/L	90				43	148	
3-Nitroaniline	500		310	ug/L	62				10	111	
Acenaphthene	500		440	ug/L	88				37	146	
Total PAH	8000		7370	ug/L	92				37	146	
2,4-Dinitrophenol	1000		700	ug/L	70				14	167	
4-Nitrophenol	1000		900	ug/L	90				10	130	
Dibenzofuran	500		440	ug/L	88				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF060324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		460	ug/L	92				40	151	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		910	ug/L	91				40	151	
Diethylphthalate	500		450	ug/L	90				41	148	
4-Chlorophenyl-phenylether	500		430	ug/L	86				38	149	
Fluorene	500		440	ug/L	88				39	144	
4-Nitroaniline	500		470	ug/L	94				27	138	
4,6-Dinitro-2-methylphenol	500		430	ug/L	86				32	175	
N-Nitrosodiphenylamine	500		490	ug/L	98				40	150	
Azobenzene	500		460	ug/L	92				72	112	
4-Bromophenyl-phenylether	500		470	ug/L	94				42	151	
Hexachlorobenzene	500		460	ug/L	92				60	129	
Atrazine	500		450	ug/L	90				20	162	
Pentachlorophenol	1000		830	ug/L	83				15	137	
Phenanthrene	500		470	ug/L	94				40	147	
Anthracene	500		480	ug/L	96				41	146	
Carbazole	500		440	ug/L	88				37	154	
Di-n-butylphthalate	500		440	ug/L	88				40	151	
Fluoranthene	500		400	ug/L	80				42	146	
Benzydine	1000		160	ug/L	16				10	130	
Pyrene	500		480	ug/L	96				41	149	
Butylbenzylphthalate	500		470	ug/L	94				39	155	
3,3-Dichlorobenzidine	500		410	ug/L	82				10	114	
Benzo(a)anthracene	500		480	ug/L	96				41	147	
Chrysene	500		480	ug/L	96				44	144	
bis(2-Ethylhexyl)phthalate	500		440	ug/L	88				33	160	
Di-n-octyl phthalate	500		490	ug/L	98				36	158	
Benzo(b)fluoranthene	500		440	ug/L	88				40	150	
Benzo(k)fluoranthene	500		440	ug/L	88				40	147	
Benzo(a)pyrene	500		490	ug/L	98				42	147	
Indeno(1,2,3-cd)pyrene	500		490	ug/L	98				30	166	
Dibenz(a,h)anthracene	500		490	ug/L	98				23	172	
Benzo(g,h,i)perylene	500		440	ug/L	88				27	167	
1,2,4,5-Tetrachlorobenzene	500		440	ug/L	88	*			89	102	
1,4-Dioxane	500		380	ug/L	76				38	130	
2,3,4,6-Tetrachlorophenol	500		470	ug/L	94				91	111	
1-Methylnaphthalene	500		420	ug/L	84				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF060324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2646-04MSD		Client Sample ID: WCS-TPSMSD		DataFile: BF138104.D							
n-Nitrosodimethylamine	500		460	ug/L	92		0		10	130	20
Pyridine	500		310	ug/L	62		18		10	109	20
Benzaldehyde	500		45.9	ug/L	9	*	0		10	137	20
Aniline	500		100	ug/L	20		26	*	10	130	20
Phenol	500		410	ug/L	82		0		10	130	20
bis(2-Chloroethyl)ether	500		510	ug/L	102		4		29	141	20
2-Chlorophenol	500		440	ug/L	88		2		23	127	20
1,2-Dichlorobenzene	500		420	ug/L	84		0		61	114	20
1,3-Dichlorobenzene	500		410	ug/L	82		2		65	106	20
1,4-Dichlorobenzene	500		420	ug/L	84		0		55	125	20
Benzyl Alcohol	500		600	ug/L	120	*	0		31	94	20
2-Methylphenol	500		440	ug/L	88		0		23	132	20
2,2-oxybis(1-Chloropropane)	500		450	ug/L	90		2		36	141	20
Acetophenone	500		430	ug/L	86		5		31	164	20
3+4-Methylphenols	500		430	ug/L	86		0		17	136	20
N-Nitroso-di-n-propylamine	500		440	ug/L	88		0		36	147	20
Hexachloroethane	500		420	ug/L	84		0		35	137	20
Nitrobenzene	500		430	ug/L	86		0		40	134	20
Isophorone	500		450	ug/L	90		2		39	146	20
2-Nitrophenol	500		450	ug/L	90		0		30	148	20
2,4-Dimethylphenol	500		500	ug/L	100		6		17	143	20
bis(2-Chloroethoxy)methane	500		440	ug/L	88		2		39	143	20
2,4-Dichlorophenol	500		450	ug/L	90		2		22	146	20
1,2,4-Trichlorobenzene	500		420	ug/L	84		0		66	110	20
Benzoic acid	500		330	ug/L	66		49	*	10	101	20
Naphthalene	500		430	ug/L	86		0		17	157	20
4-Chloroaniline	500		70.5	ug/L	14		53	*	10	95	20
Hexachlorobutadiene	500		400	ug/L	80		2		52	125	20
Caprolactam	500		320	ug/L	64		6		10	130	20
4-Chloro-3-methylphenol	500		440	ug/L	88		2		17	148	20
2-Methylnaphthalene	500		430	ug/L	86		2		38	146	20
Hexachlorocyclopentadiene	1000		1300	ug/L	130		0		20	153	20
2,4,6-Trichlorophenol	500		450	ug/L	90		2		46	139	20
2,4,5-Trichlorophenol	500		450	ug/L	90		0		42	129	20
1,1-Biphenyl	500		450	ug/L	90		0		38	154	20
2-Chloronaphthalene	500		430	ug/L	86		0		41	145	20
2-Nitroaniline	500		460	ug/L	92		4		39	151	20
Dimethylphthalate	500		460	ug/L	92		0		42	147	20
Acenaphthylene	500		480	ug/L	96		0		40	141	20
2,6-Dinitrotoluene	500		440	ug/L	88		2		43	148	20
3-Nitroaniline	500		230	ug/L	46		30	*	10	111	20
Acenaphthene	500		430	ug/L	86		2		37	146	20
Total PAH	8000		7320	ug/L	92		0		37	146	20
2,4-Dinitrophenol	1000		710	ug/L	71		1		14	167	20
4-Nitrophenol	1000		840	ug/L	84		7		10	130	20
Dibenzofuran	500		450	ug/L	90		2		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF060324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		450	ug/L	90		2		40	151	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		890	ug/L	89		2		40	151	20
Diethylphthalate	500		440	ug/L	88		2		41	148	20
4-Chlorophenyl-phenylether	500		430	ug/L	86		0		38	149	20
Fluorene	500		430	ug/L	86		2		39	144	20
4-Nitroaniline	500		430	ug/L	86		9		27	138	20
4,6-Dinitro-2-methylphenol	500		430	ug/L	86		0		32	175	20
N-Nitrosodiphenylamine	500		480	ug/L	96		2		40	150	20
Azobenzene	500		450	ug/L	90		2		72	112	20
4-Bromophenyl-phenylether	500		460	ug/L	92		2		42	151	20
Hexachlorobenzene	500		450	ug/L	90		2		60	129	20
Atrazine	500		410	ug/L	82		9		20	162	20
Pentachlorophenol	1000		830	ug/L	83		0		15	137	20
Phenanthrene	500		460	ug/L	92		2		40	147	20
Anthracene	500		480	ug/L	96		0		41	146	20
Carbazole	500		420	ug/L	84		5		37	154	20
Di-n-butylphthalate	500		430	ug/L	86		2		40	151	20
Fluoranthene	500		390	ug/L	78		3		42	146	20
Benzidine	1000		76.1	ug/L	8	*	67	*	10	130	20
Pyrene	500		470	ug/L	94		2		41	149	20
Butylbenzylphthalate	500		460	ug/L	92		2		39	155	20
3,3-Dichlorobenzidine	500		320	ug/L	64		25	*	10	114	20
Benzo(a)anthracene	500		480	ug/L	96		0		41	147	20
Chrysene	500		480	ug/L	96		0		44	144	20
bis(2-Ethylhexyl)phthalate	500		440	ug/L	88		0		33	160	20
Di-n-octyl phthalate	500		500	ug/L	100		2		36	158	20
Benzo(b)fluoranthene	500		450	ug/L	90		2		40	150	20
Benzo(k)fluoranthene	500		430	ug/L	86		2		40	147	20
Benzo(a)pyrene	500		490	ug/L	98		0		42	147	20
Indeno(1,2,3-cd)pyrene	500		490	ug/L	98		0		30	166	20
Dibenz(a,h)anthracene	500		490	ug/L	98		0		23	172	20
Benzo(g,h,i)perylene	500		440	ug/L	88		0		27	167	20
1,2,4,5-Tetrachlorobenzene	500		450	ug/L	90		2		89	102	20
1,4-Dioxane	500		380	ug/L	76		0		38	130	20
2,3,4,6-Tetrachlorophenol	500		460	ug/L	92		2		91	111	20
1-Methylnaphthalene	500		410	ug/L	82		2		25	151	20

Surrogate Summary

SW-846

SDG No.: **BF060324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2661-01	B1COMP(8-16)	BF138106.D	2-Fluorophenol	150	98.64	66		18	112
			Phenol-d6	150	96.17	64		15	107
			Nitrobenzene-d5	100	62.66	63		18	107
			2-Fluorobiphenyl	100	62.24	62		20	109
			2,4,6-Tribromophenol	150	48.69	32		10	110
			Terphenyl-d14	100	65.97	66		14	112
PB161222BL	PB161222BL	BF138097.D	2-Fluorophenol	150	141.08	94		18	112
			Phenol-d6	150	133.68	89		15	107
			Nitrobenzene-d5	100	86.83	87		18	107
			2-Fluorobiphenyl	100	83.52	84		20	109
			2,4,6-Tribromophenol	150	132.42	88		10	110
			Terphenyl-d14	100	71.96	72		14	112

Surrogate Summary

SW-846

SDG No.: **BF060324**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2660-01	MW-06	BF138107.D	2-Fluorophenol	150	56.64	38		10	139
			Phenol-d6	150	33.11	22		10	134
			Nitrobenzene-d5	100	79.90	80		49	133
			2-Fluorobiphenyl	100	77.19	77		52	132
			2,4,6-Tribromophenol	150	75.11	50		32	145
			Terphenyl-d14	100	82.40	82		36	145
P2660-02	MW-08	BF138108.D	2-Fluorophenol	150	18.64	12		10	139
			Phenol-d6	150	33.59	22		10	134
			Nitrobenzene-d5	100	76.29	76		49	133
			2-Fluorobiphenyl	100	72.79	73		52	132
			2,4,6-Tribromophenol	150	110.38	74		32	145
			Terphenyl-d14	100	78.10	78		36	145
P2660-03	MW-10	BF138109.D	2-Fluorophenol	150	49.85	33		10	139
			Phenol-d6	150	28.74	19		10	134
			Nitrobenzene-d5	100	77.09	77		49	133
			2-Fluorobiphenyl	100	76.90	77		52	132
			2,4,6-Tribromophenol	150	102.06	68		32	145
			Terphenyl-d14	100	80.89	81		36	145
P2660-04	MW-11	BF138110.D	2-Fluorophenol	150	56.39	38		10	139
			Phenol-d6	150	33.06	22		10	134
			Nitrobenzene-d5	100	78.23	78		49	133
			2-Fluorobiphenyl	100	76.54	77		52	132
			2,4,6-Tribromophenol	150	96.84	65		32	145
			Terphenyl-d14	100	81.11	81		36	145
P2660-05	MW-13	BF138111.D	2-Fluorophenol	150	60.76	41		10	139
			Phenol-d6	150	37.29	25		10	134
			Nitrobenzene-d5	100	74.97	75		49	133
			2-Fluorobiphenyl	100	72.83	73		52	132
			2,4,6-Tribromophenol	150	94.70	63		32	145
			Terphenyl-d14	100	75.59	76		36	145
P2660-06	MW-12	BF138112.D	2-Fluorophenol	150	57.28	38		10	139
			Phenol-d6	150	39.10	26		10	134
			Nitrobenzene-d5	100	75.03	75		49	133
			2-Fluorobiphenyl	100	71.24	71		52	132
			2,4,6-Tribromophenol	150	109.69	73		32	145
			Terphenyl-d14	100	75.95	76		36	145
PB161236BL	PB161236BL	BF138098.D	2-Fluorophenol	150	139.99	93		10	139
			Phenol-d6	150	133.49	89		10	134
			Nitrobenzene-d5	100	87.10	87		49	133
			2-Fluorobiphenyl	100	82.10	82		52	132
			2,4,6-Tribromophenol	150	130.50	87		32	145
			Terphenyl-d14	100	72.36	72		36	145

Surrogate Summary

SW-846

SDG No.: **BF060324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2646-04	WCS-TPS	BF138102.D	2-Fluorophenol	150	113.66	76		10	139
			Phenol-d6	150	99.29	66		10	134
			Nitrobenzene-d5	100	77.48	77		49	133
			2-Fluorobiphenyl	100	75.56	76		52	132
			2,4,6-Tribromophenol	150	113.35	76		32	145
			Terphenyl-d14	100	85.05	85		36	145
P2646-04MS	WCS-TPSMS	BF138103.D	2-Fluorophenol	150	122.39	82		10	139
			Phenol-d6	150	110.20	73		10	134
			Nitrobenzene-d5	100	85.11	85		49	133
			2-Fluorobiphenyl	100	82.17	82		52	132
			2,4,6-Tribromophenol	150	123.12	82		32	145
			Terphenyl-d14	100	86.21	86		36	145
P2646-04MSD	WCS-TPSMSD	BF138104.D	2-Fluorophenol	150	122.52	82		10	139
			Phenol-d6	150	109.49	73		10	134
			Nitrobenzene-d5	100	83.80	84		49	133
			2-Fluorobiphenyl	100	82.61	83		52	132
			2,4,6-Tribromophenol	150	121.96	81		32	145
			Terphenyl-d14	100	84.52	85		36	145
P2662-04	WCS-TPR	BF138105.D	2-Fluorophenol	150	115.08	77		10	139
			Phenol-d6	150	100.41	67		10	134
			Nitrobenzene-d5	100	81.67	82		49	133
			2-Fluorobiphenyl	100	80.01	80		52	132
			2,4,6-Tribromophenol	150	124.31	83		32	145
			Terphenyl-d14	100	91.54	92		36	145
PB161189TB	PB161189TB	BF138101.D	2-Fluorophenol	150	130.05	87		10	139
			Phenol-d6	150	124.10	83		10	134
			Nitrobenzene-d5	100	81.77	82		49	133
			2-Fluorobiphenyl	100	78.75	79		52	132
			2,4,6-Tribromophenol	150	124.27	83		32	145
			Terphenyl-d14	100	69.95	70		36	145
PB161242BL	PB161242BL	BF138100.D	2-Fluorophenol	150	142.01	95		10	139
			Phenol-d6	150	136.09	91		10	134
			Nitrobenzene-d5	100	87.12	87		49	133
			2-Fluorobiphenyl	100	82.27	82		52	132
			2,4,6-Tribromophenol	150	131.27	88		32	145
			Terphenyl-d14	100	74.37	74		36	145
PB161242BS	PB161242BS	BF138099.D	2-Fluorophenol	150	129.04	86		10	139
			Phenol-d6	150	125.18	83		10	134
			Nitrobenzene-d5	100	82.77	83		49	133
			2-Fluorobiphenyl	100	78.29	78		52	132
			2,4,6-Tribromophenol	150	122.46	82		32	145
			Terphenyl-d14	100	85.58	86		36	145

Surrogate Summary

SW-846

SDG No.: **BF060324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2560-01	BKG-1	BF138114.D	2-Fluorophenol	150	77.10	51		18	112
			Phenol-d6	150	74.03	49		15	107
			Nitrobenzene-d5	100	50.10	50		18	107
			2-Fluorobiphenyl	100	48.32	48		20	109
			2,4,6-Tribromophenol	150	58.24	39		10	110
			Terphenyl-d14	100	40.89	41		14	112
P2560-02	BKG-2	BF138113.D	2-Fluorophenol	150	83.71	56		18	112
			Phenol-d6	150	80.28	54		15	107
			Nitrobenzene-d5	100	54.06	54		18	107
			2-Fluorobiphenyl	100	51.53	52		20	109
			2,4,6-Tribromophenol	150	65.10	43		10	110
			Terphenyl-d14	100	46.87	47		14	112
P2560-03	BKG-3	BF138115.D	2-Fluorophenol	150	76.44	51		18	112
			Phenol-d6	150	72.47	48		15	107
			Nitrobenzene-d5	100	47.81	48		18	107
			2-Fluorobiphenyl	100	48.73	49		20	109
			2,4,6-Tribromophenol	150	58.35	39		10	110
			Terphenyl-d14	100	40.83	41		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF060324

Lab Code: CHEM

SAS No.: BF060324

SDG NO.: BF060324

Lab File ID: BF138095.D

DFTPP Injection Date: 06/03/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:28

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.1
68	Less than 2.0% of mass 69	0.5 (2) 1
69	Mass 69 relative abundance	26
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	37
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.9
275	10.0 - 60.0% of mass 198	27.5
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.9 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF138096.D	06/03/2024	09:57
PB161222BL	PB161222BL	BF138097.D	06/03/2024	10:27
PB161236BL	PB161236BL	BF138098.D	06/03/2024	10:56
PB161242BS	PB161242BS	BF138099.D	06/03/2024	11:25
PB161242BL	PB161242BL	BF138100.D	06/03/2024	11:54
PB161189TB	PB161189TB	BF138101.D	06/03/2024	12:23
WCS-TPS	P2646-04	BF138102.D	06/03/2024	12:56
WCS-TPSMS	P2646-04MS	BF138103.D	06/03/2024	13:26
WCS-TPSMSD	P2646-04MSD	BF138104.D	06/03/2024	13:56
WCS-TPR	P2662-04	BF138105.D	06/03/2024	14:27
B1COMP (8-16)	P2661-01	BF138106.D	06/03/2024	14:57
MW-06	P2660-01	BF138107.D	06/03/2024	15:26
MW-08	P2660-02	BF138108.D	06/03/2024	15:56
MW-10	P2660-03	BF138109.D	06/03/2024	16:26
MW-11	P2660-04	BF138110.D	06/03/2024	16:56
MW-13	P2660-05	BF138111.D	06/03/2024	17:26
MW-12	P2660-06	BF138112.D	06/03/2024	17:56
BKG-2	P2560-02	BF138113.D	06/03/2024	18:26

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF060324

Lab Code: CHEM

SAS No.: BF060324

SDG NO.: BF060324

Lab File ID: BF138095.D

DFTPP Injection Date: 06/03/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:28

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.1
68	Less than 2.0% of mass 69	0.5 (2) 1
69	Mass 69 relative abundance	26
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	37
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.9
275	10.0 - 60.0% of mass 198	27.5
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.9 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
BKG-1	P2560-01	BF138114.D	06/03/2024	18:55
BKG-3	P2560-03	BF138115.D	06/03/2024	19:25