

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF050924 SAS No.: BF050924 SDG No.: BF050924

Instrument ID: BNA_F Calibration Date/Time: 5/9/2024 12:11:21

Lab File ID: BF137858.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	0.586	0.551		-5.973	
Pyridine	1.302	1.131		-13.134	
2-Fluorophenol	1.195	1.472		23.18	
Benzaldehyde	0.816	0.803		-1.593	
Aniline	1.502	1.443		-3.928	
Phenol-d6	1.515	1.922		26.865	
Phenol	1.553	1.414		-8.95	20.0
bis(2-Chloroethyl) ether	1.216	1.146		-5.757	
2-Chlorophenol	1.302	1.218		-6.452	
1,2-Dichlorobenzene	1.387	1.329		-4.182	
1,3-Dichlorobenzene	1.468	1.411		-3.883	
1,4-Dichlorobenzene	1.473	1.437		-2.444	20.0
Benzyl Alcohol	1.048	1.068		1.908	
2-Methylphenol	1.050	1.055		0.476	
2,2-oxybis(1-Chloropropane)	1.709	1.507		-11.82	
Acetophenone	0.450	0.429		-4.667	
3+4-Methylphenols	1.382	1.313		-4.993	
n-Nitroso-di-n-propylamine	0.905	0.859	0.050	-5.083	
Nitrobenzene-d5	0.344	0.335		-2.616	
Hexachloroethane	0.498	0.505		1.406	
Nitrobenzene	0.355	0.342		-3.662	
Isophorone	0.621	0.617		-0.644	
2-Nitrophenol	0.161	0.179		11.18	20.0
2,4-Dimethylphenol	0.231	0.223		-3.463	
bis(2-Chloroethoxy) methane	0.376	0.360		-4.255	
2,4-Dichlorophenol	0.280	0.279		-0.357	20.0
1,2,4-Trichlorobenzene	0.305	0.306		0.328	
Benzoic acid	0.200	0.226		13.0	
Naphthalene	0.994	0.953		-4.125	
4-Chloroaniline	0.369	0.341		-7.588	
Hexachlorobutadiene	0.187	0.194		3.743	20.0
Caprolactam	0.089	0.085		-4.494	
4-Chloro-3-methylphenol	0.292	0.293		0.342	20.0
2-Methylnaphthalene	0.643	0.620		-3.577	
Hexachlorocyclopentadiene	0.215	0.234	0.050	8.837	
2,4,6-Trichlorophenol	0.361	0.365		1.108	20.0
2-Fluorobiphenyl	1.233	1.183		-4.055	
2,4,5-Trichlorophenol	0.398	0.389		-2.261	
1,1-Biphenyl	1.373	1.341		-2.331	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF050924 SAS No.: BF050924 SDG No.: BF050924

Instrument ID: BNA_F Calibration Date/Time: 5/9/2024 12:11:21

Lab File ID: BF137858.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	1.108	1.081		-2.437	
2-Nitroaniline	0.301	0.298		-0.997	
Dimethylphthalate	1.263	1.250		-1.029	
Acenaphthylene	1.603	1.530		-4.554	
2,6-Dinitrotoluene	0.289	0.297		2.768	
3-Nitroaniline	0.302	0.282		-6.623	
Acenaphthene	1.063	1.032		-2.916	20.0
2,4-Dinitrophenol	0.142	0.161	0.050	13.38	
4-Nitrophenol	0.250	0.223	0.050	-10.8	
Dibenzofuran	1.546	1.465		-5.239	
2,4-Dinitrotoluene	0.377	0.389		3.183	
Diethylphthalate	1.199	1.200		0.083	
4-Chlorophenyl-phenylether	0.606	0.588		-2.97	
Fluorene	1.231	1.153		-6.336	
4-Nitroaniline	0.306	0.280		-8.497	
4,6-Dinitro-2-methylphenol	0.115	0.129		12.174	
n-Nitrosodiphenylamine	0.599	0.595		-0.668	20.0
Azobenzene	1.159	1.061		-8.456	
2,4,6-Tribromophenol	0.204	0.287		40.686	
4-Bromophenyl-phenylether	0.214	0.220		2.804	
Hexachlorobenzene	0.234	0.236		0.855	
Atrazine	0.183	0.158		-13.661	
Pentachlorophenol	0.161	0.155		-3.727	20.0
Phenanthrene	0.975	0.923		-5.333	
Anthracene	0.970	0.932		-3.918	
Carbazole	0.935	0.853		-8.77	
Di-n-butylphthalate	1.020	1.049		2.843	
Fluoranthene	1.066	0.968		-9.193	20.0
Benzidine	0.463	0.232		-49.892	
Pyrene	1.586	1.696		6.936	
Terphenyl-d14	1.193	1.311		9.891	
Butylbenzylphthalate	0.503	0.644		28.032	
3,3-Dichlorobenzidine	0.383	0.362		-5.483	
Benzo(a)anthracene	1.279	1.277		-0.156	
Chrysene	1.198	1.175		-1.92	
Bis(2-ethylhexyl)phthalate	0.634	0.847		33.596	
Di-n-octyl phthalate	0.853	1.200		40.68	20.0
Benzo(b)fluoranthene	1.244	1.157		-6.994	
Benzo(k)fluoranthene	1.203	1.163		-3.325	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF050924 SAS No.: BF050924 SDG No.: BF050924

Instrument ID: BNA_F Calibration Date/Time: 5/9/2024 12:11:21

Lab File ID: BF137858.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	1.015	0.996		-1.872	20.0
Indeno(1,2,3-cd)pyrene	1.137	1.229		8.091	
Dibenzo(a,h)anthracene	0.926	1.007		8.747	
Benzo(g,h,i)perylene	0.970	1.022		5.361	
1,2,4,5-Tetrachlorobenzene	0.530	0.532		0.377	
1,4-Dioxane	0.538	0.539		0.186	20.0
2,3,4,6-Tetrachlorophenol	0.323	0.302		-6.502	
1-Methylnaphthalene	0.633	0.603		-4.739	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	5/8/2024 12:00:00 AM
Project:		Date Received:	5/8/2024 12:00:00 AM
Client Sample ID:	PB160779BL	SDG No.:	BF050924
Lab Sample ID:	PB160779BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137859.D	1	5/8/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160779

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



Client:				Date Collected:	5/8/2024 12:00:00 AM	
Project:				Date Received:	5/8/2024 12:00:00 AM	
Client Sample ID:	PB160779BL			SDG No.:	BF050924	
Lab Sample ID:	PB160779BL			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
BF137859.D	1	5/8/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160779

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



Client:				Date Collected:	5/8/2024 12:00:00 AM	
Project:				Date Received:	5/8/2024 12:00:00 AM	
Client Sample ID:	PB160779BL			SDG No.:	BF050924	
Lab Sample ID:	PB160779BL			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
BF137859.D	1	5/8/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160779

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	130.932		18-112		87	SPK: -150
13127-88-3	Phenol-d6	126.362		15-107		84	SPK: -150
4165-60-0	Nitrobenzene-d5	87.603		18-107		88	SPK: -100
321-60-8	2-Fluorobiphenyl	87.413		20-109		87	SPK: -100

Report of Analysis

Client:		Date Collected:	5/8/2024 12:00:00 AM
Project:		Date Received:	5/8/2024 12:00:00 AM
Client Sample ID:	PB160779BL	SDG No.:	BF050924
Lab Sample ID:	PB160779BL	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
BF137859.D	1	5/8/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.325		10-110		94	SPK: -150
1718-51-0	Terphenyl-d14	89.54		14-112		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	184770	7.045				
1146-65-2	Naphthalene-d8	759305	8.334				
15067-26-2	Acenaphthene-d10	449110	10.098				
1517-22-2	Phenanthrene-d10	823274	11.592				
1719-03-5	Chrysene-d12	555031	14.239				
1520-96-3	Perylene-d12	413608	15.81				
TENTATIVE IDENTIFIED COMPOUNDS							
000077-76-9	Propane, 2,2-dimethoxy-	500	J			2.152	
000994-05-8	Butane, 2-methoxy-2-methyl-	79.6	J			2.516	
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	120	J			18.292	

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	PB160643BS	SDG No.:	BF050924
Lab Sample ID:	PB160643BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137860.D	1	5/1/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160643

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300		86.7	270	330	ug/Kg
110-86-1	Pyridine	1100		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	2300		180	270	330	ug/Kg
62-53-3	Aniline	1100		96.8	130	170	ug/Kg
108-95-2	Phenol	1400		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1700		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1700		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	550		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.2	130	170	ug/Kg



Client:			Date Collected:	5/1/2024 12:00:00 AM	
Project:			Date Received:	5/1/2024 12:00:00 AM	
Client Sample ID:	PB160643BS		SDG No.:	BF050924	
Lab Sample ID:	PB160643BS		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	0	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:	uL		Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137860.D	1	5/1/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160643

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1400		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4300	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1500		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1700		81	130	170	ug/Kg
Total PAH	Total PAH	25500		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2800	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3100		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1600		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		85.5	130	170	ug/Kg
86-73-7	Fluorene	1500		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1800		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	PB160643BS	SDG No.:	BF050924
Lab Sample ID:	PB160643BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137860.D	1	5/1/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160643

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2700	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1500		83.9	130	170	ug/Kg
120-12-7	Anthracene	1600		84.3	130	170	ug/Kg
86-74-8	Carbazole	1400		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.6	130	170	ug/Kg
92-87-5	Benzidine	640		160	270	330	ug/Kg
129-00-0	Pyrene	1600		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	2000		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.6	130	170	ug/Kg
218-01-9	Chrysene	1600		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2200		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	2300		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1100		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	123.003		18-112		82	SPK: -150
13127-88-3	Phenol-d6	120.936		15-107		81	SPK: -150
4165-60-0	Nitrobenzene-d5	82.85		18-107		83	SPK: -100
321-60-8	2-Fluorobiphenyl	86.033		20-109		86	SPK: -100

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	PB160643BS	SDG No.:	BF050924
Lab Sample ID:	PB160643BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137860.D	1	5/1/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160643

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	134.378		10-110		90	SPK: -150
1718-51-0	Terphenyl-d14	97.483		14-112		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	186771	7.051				
1146-65-2	Naphthalene-d8	765296	8.339				
15067-26-2	Acenaphthene-d10	433458	10.104				
1517-22-2	Phenanthrene-d10	740180	11.598				
1719-03-5	Chrysene-d12	430130	14.251				
1520-96-3	Perylene-d12	354854	15.815				

Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	PB160807BL	SDG No.:	BF050924
Lab Sample ID:	PB160807BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137861.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160807

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:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	PB160807BL	SDG No.:	BF050924
Lab Sample ID:	PB160807BL	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
BF137861.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160807

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:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	PB160807BL	SDG No.:	BF050924
Lab Sample ID:	PB160807BL	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
BF137861.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160807

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	131.061		18-112		87	SPK: -150
13127-88-3	Phenol-d6	126.479		15-107		84	SPK: -150
4165-60-0	Nitrobenzene-d5	86.355		18-107		86	SPK: -100
321-60-8	2-Fluorobiphenyl	87.512		20-109		88	SPK: -100

Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	PB160807BL	SDG No.:	BF050924
Lab Sample ID:	PB160807BL	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
BF137861.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	136.906		10-110		91	SPK: -150
1718-51-0	Terphenyl-d14	90.986		14-112		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	188303	7.051				
1146-65-2	Naphthalene-d8	771724	8.333				
15067-26-2	Acenaphthene-d10	460571	10.098				
1517-22-2	Phenanthrene-d10	828536	11.592				
1719-03-5	Chrysene-d12	554081	14.245				
1520-96-3	Perylene-d12	429657	15.815				
TENTATIVE IDENTIFIED COMPOUNDS							
000077-76-9	Propane, 2,2-dimethoxy-	530	J			2.157	
000994-05-8	Butane, 2-methoxy-2-methyl-	85	J			2.522	

Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	PB160815BL	SDG No.:	BF050924
Lab Sample ID:	PB160815BL	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
BF137862.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160815

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:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	PB160815BL	SDG No.:	BF050924
Lab Sample ID:	PB160815BL	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
BF137862.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160815

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:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	PB160815BL	SDG No.:	BF050924
Lab Sample ID:	PB160815BL	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
BF137862.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160815

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	131.545		10-139		88	SPK: -150
13127-88-3	Phenol-d6	127.347		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	87.378		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	85.58		52-132		86	SPK: -100

Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	PB160815BL	SDG No.:	BF050924
Lab Sample ID:	PB160815BL	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
BF137862.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160815

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	135.872		32-145		91	SPK: -150
1718-51-0	Terphenyl-d14	92.491		36-145		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	189653	7.051				
1146-65-2	Naphthalene-d8	777022	8.333				
15067-26-2	Acenaphthene-d10	464787	10.098				
1517-22-2	Phenanthrene-d10	829149	11.592				
1719-03-5	Chrysene-d12	536515	14.239				
1520-96-3	Perylene-d12	399360	15.809				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown2.157	14.8	J			2.157	
000994-05-8	Butane, 2-methoxy-2-methyl-	2.5	J			2.516	

Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	PB160815BS	SDG No.:	BF050924
Lab Sample ID:	PB160815BS	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
BF137863.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160815

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	39.7		1	8	10	ug/L
110-86-1	Pyridine	34.4		1.6	4	5	ug/L
100-52-7	Benzaldehyde	69.9		4	8	10	ug/L
62-53-3	Aniline	30.3		1.6	4	5	ug/L
108-95-2	Phenol	43.4		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	45.2		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	46.9		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	44		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	42.2		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	42.6		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	47.6		1.6	8	10	ug/L
95-48-7	2-Methylphenol	46.4		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41		1.4	4	5	ug/L
98-86-2	Acetophenone	44.3		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	44.4		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	44.3		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	44.5		1	4	5	ug/L
98-95-3	Nitrobenzene	42.2		1.3	4	5	ug/L
78-59-1	Isophorone	44.9		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	51		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	48.3		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	44.9		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	46.2		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.4		1.1	4	5	ug/L
65-85-0	Benzoic acid	49.3		5.5	8	10	ug/L
91-20-3	Naphthalene	43.7		1	4	5	ug/L
106-47-8	4-Chloroaniline	14.6		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	44.8		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	PB160815BS	SDG No.:	BF050924
Lab Sample ID:	PB160815BS	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
BF137863.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160815

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	44		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	46.1		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	44.3		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	130	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	47		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	45.3		1	4	5	ug/L
92-52-4	1,1-Biphenyl	45.8		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	44.3		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	45.3		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	46.6		0.93	4	5	ug/L
208-96-8	Acenaphthylene	47.6		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	45.6		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	29.6		1.4	4	5	ug/L
83-32-9	Acenaphthene	48.8		0.81	4	5	ug/L
Total PAH	Total PAH	757.6		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	81.1	E	2	8	10	ug/L
132-64-9	Dibenzofuran	44.5		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	92.2		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	46.6		1.5	4	5	ug/L
84-66-2	Diethylphthalate	46.1		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44.3		0.98	4	5	ug/L
86-73-7	Fluorene	43.7		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	40.3		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	51.5		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	47		0.89	4	5	ug/L
103-33-3	Azobenzene	43.5		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	47.8		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	46.5		1.1	4	5	ug/L
1912-24-9	Atrazine	52.4		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	PB160815BS	SDG No.:	BF050924
Lab Sample ID:	PB160815BS	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
BF137863.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160815

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	83.2	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	45.6		0.89	4	5	ug/L
120-12-7	Anthracene	46.6		1.1	4	5	ug/L
86-74-8	Carbazole	42.9		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	48.7		1.5	4	5	ug/L
206-44-0	Fluoranthene	42.5		1.3	4	5	ug/L
92-87-5	Benzidine	19.3		4.1	8	10	ug/L
129-00-0	Pyrene	48.7		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	60.7		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	34.5		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	47.9		0.94	4	5	ug/L
218-01-9	Chrysene	47.6		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	66.1		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	68.6		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	45.7		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	48.1		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	50.5		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	51.7		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	52.2		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	46.7		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.2		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	32.7		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	45.5		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	42		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	122.381		10-139		82	SPK: -150
13127-88-3	Phenol-d6	121.413		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	82.715		49-133		83	SPK: -100
321-60-8	2-Fluorobiphenyl	84.492		52-132		84	SPK: -100

Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	PB160815BS	SDG No.:	BF050924
Lab Sample ID:	PB160815BS	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
BF137863.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160815

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	131.671		32-145		88	SPK: -150
1718-51-0	Terphenyl-d14	97.045		36-145		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	197597	7.051				
1146-65-2	Naphthalene-d8	802265	8.339				
15067-26-2	Acenaphthene-d10	451088	10.098				
1517-22-2	Phenanthrene-d10	752249	11.598				
1719-03-5	Chrysene-d12	446083	14.251				
1520-96-3	Perylene-d12	367432	15.815				

Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	PB160815BSD	SDG No.:	BF050924
Lab Sample ID:	PB160815BSD	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
BF137864.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160815

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	39.2		1	8	10	ug/L
110-86-1	Pyridine	34.2		1.6	4	5	ug/L
100-52-7	Benzaldehyde	69.8		4	8	10	ug/L
62-53-3	Aniline	30.9		1.6	4	5	ug/L
108-95-2	Phenol	43.1		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.2		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	46.9		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	44		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	41.9		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	42.2		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	47.5		1.6	8	10	ug/L
95-48-7	2-Methylphenol	46		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	40.6		1.4	4	5	ug/L
98-86-2	Acetophenone	44		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	44.5		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	44.4		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	44.5		1	4	5	ug/L
98-95-3	Nitrobenzene	41.7		1.3	4	5	ug/L
78-59-1	Isophorone	45.1		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	51.3		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	48		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	44.7		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	46.4		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.3		1.1	4	5	ug/L
65-85-0	Benzoic acid	50		5.5	8	10	ug/L
91-20-3	Naphthalene	43.1		1	4	5	ug/L
106-47-8	4-Chloroaniline	15.6		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	44.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	PB160815BSD	SDG No.:	BF050924
Lab Sample ID:	PB160815BSD	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
BF137864.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160815

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	45.6		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	46		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	44.9		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	130	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	48.9		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	45.3		1	4	5	ug/L
92-52-4	1,1-Biphenyl	46.4		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	44.5		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	45		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	47.3		0.93	4	5	ug/L
208-96-8	Acenaphthylene	48.3		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	46.2		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	30.7		1.4	4	5	ug/L
83-32-9	Acenaphthene	49		0.81	4	5	ug/L
Total PAH	Total PAH	755		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	80.4	E	2	8	10	ug/L
132-64-9	Dibenzofuran	45.1		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	47.6		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	93.8		2.7	4	10	ug/L
84-66-2	Diethylphthalate	46.5		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	45.2		0.98	4	5	ug/L
86-73-7	Fluorene	44.1		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	40.5		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	51.2		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	47.3		0.89	4	5	ug/L
103-33-3	Azobenzene	44.1		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	47.5		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	46.4		1.1	4	5	ug/L
1912-24-9	Atrazine	52.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	PB160815BSD	SDG No.:	BF050924
Lab Sample ID:	PB160815BSD	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
BF137864.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160815

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	82.1	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	45.2		0.89	4	5	ug/L
120-12-7	Anthracene	46		1.1	4	5	ug/L
86-74-8	Carbazole	42.5		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	48.8		1.5	4	5	ug/L
206-44-0	Fluoranthene	42		1.3	4	5	ug/L
92-87-5	Benzidine	20.5		4.1	8	10	ug/L
129-00-0	Pyrene	48.1		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	60.6		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	34.7		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	47.5		0.94	4	5	ug/L
218-01-9	Chrysene	47.2		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	66		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	69.8		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	48.4		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	46		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	50.3		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	52.4		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	46		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.5		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	32.3		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	47.5		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	42.2		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	121.397		10-139		81	SPK: -150
13127-88-3	Phenol-d6	119.986		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	82.862		49-133		83	SPK: -100
321-60-8	2-Fluorobiphenyl	86.089		52-132		86	SPK: -100

Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	PB160815BSD	SDG No.:	BF050924
Lab Sample ID:	PB160815BSD	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
BF137864.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160815

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.03		32-145		89	SPK: -150
1718-51-0	Terphenyl-d14	96.375		36-145		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	199488	7.051				
1146-65-2	Naphthalene-d8	811098	8.339				
15067-26-2	Acenaphthene-d10	451590	10.104				
1517-22-2	Phenanthrene-d10	763548	11.598				
1719-03-5	Chrysene-d12	453800	14.251				
1520-96-3	Perylene-d12	374442	15.815				

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	A2295	SDG No.:	BF050924
Lab Sample ID:	P2410-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137865.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160815

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

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	A2295	SDG No.:	BF050924
Lab Sample ID:	P2410-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137865.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160815

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

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	A2295	SDG No.:	BF050924
Lab Sample ID:	P2410-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137865.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160815

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.1	10.1	ug/L
85-01-8	Phenanthrene	0.9	U	0.9	4	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5.1	ug/L
84-74-2	Di-n-butylphthalate	29.1		1.5	4	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5.1	ug/L
92-87-5	Benzidine	4.1	U	4.1	8.1	10.1	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.1	10.1	ug/L
56-55-3	Benzo(a)anthracene	0.95	U	0.95	4	5.1	ug/L
218-01-9	Chrysene	0.87	U	0.87	4	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8.1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.8	U	0.8	4	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.87	U	0.87	4	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	48.443		10-139		32	SPK: -150
13127-88-3	Phenol-d6	30.465		10-134		20	SPK: -150
4165-60-0	Nitrobenzene-d5	72.088		49-133		72	SPK: -100
321-60-8	2-Fluorobiphenyl	74.566		52-132		75	SPK: -100

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	A2295	SDG No.:	BF050924
Lab Sample ID:	P2410-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137865.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160815

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.322		32-145		88	SPK: -150
1718-51-0	Terphenyl-d14	100.798		36-145		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	160415	7.051				
1146-65-2	Naphthalene-d8	634025	8.334				
15067-26-2	Acenaphthene-d10	362540	10.098				
1517-22-2	Phenanthrene-d10	618375	11.592				
1719-03-5	Chrysene-d12	344132	14.239				
1520-96-3	Perylene-d12	312513	15.81				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J			2.428	

Report of Analysis

Client:		Date Collected:	5/6/2024 12:00:00 AM
Project:		Date Received:	5/6/2024 12:00:00 AM
Client Sample ID:	WC-KK	SDG No.:	BF050924
Lab Sample ID:	P2398-04	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
BF137866.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

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:	5/6/2024 12:00:00 AM
Project:		Date Received:	5/6/2024 12:00:00 AM
Client Sample ID:	WC-KK	SDG No.:	BF050924
Lab Sample ID:	P2398-04	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
BF137866.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

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:	5/6/2024 12:00:00 AM
Project:		Date Received:	5/6/2024 12:00:00 AM
Client Sample ID:	WC-KK	SDG No.:	BF050924
Lab Sample ID:	P2398-04	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
BF137866.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

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	101.492		10-139		68	SPK: -150
13127-88-3	Phenol-d6	92.56		10-134		62	SPK: -150
4165-60-0	Nitrobenzene-d5	74.793		49-133		75	SPK: -100
321-60-8	2-Fluorobiphenyl	76.157		52-132		76	SPK: -100

Report of Analysis

Client:		Date Collected:	5/6/2024 12:00:00 AM
Project:		Date Received:	5/6/2024 12:00:00 AM
Client Sample ID:	WC-KK	SDG No.:	BF050924
Lab Sample ID:	P2398-04	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
BF137866.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	127.925		32-145		85	SPK: -150
1718-51-0	Terphenyl-d14	109.447		36-145		109	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	152627	7.051				
1146-65-2	Naphthalene-d8	597366	8.334				
15067-26-2	Acenaphthene-d10	349735	10.098				
1517-22-2	Phenanthrene-d10	581342	11.592				
1719-03-5	Chrysene-d12	331013	14.239				
1520-96-3	Perylene-d12	274884	15.81				

Report of Analysis

Client:		Date Collected:	5/6/2024 12:00:00 AM
Project:		Date Received:	5/6/2024 12:00:00 AM
Client Sample ID:	WC-KKMS	SDG No.:	BF050924
Lab Sample ID:	P2398-04MS	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
BF137867.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	340		10.3	80	100	ug/L
110-86-1	Pyridine	270		15.5	40	50	ug/L
100-52-7	Benzaldehyde	140		40	80	100	ug/L
62-53-3	Aniline	240		16	40	50	ug/L
108-95-2	Phenol	330		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	360		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	380		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	360		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	350		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	360		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	400		16	80	100	ug/L
95-48-7	2-Methylphenol	390		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	340		13.5	40	50	ug/L
98-86-2	Acetophenone	390		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	380		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	390		14.8	25	25	ug/L
67-72-1	Hexachloroethane	350		10.1	40	50	ug/L
98-95-3	Nitrobenzene	360		12.7	40	50	ug/L
78-59-1	Isophorone	400		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	430		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	420		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	380		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	400		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	370		11	40	50	ug/L
65-85-0	Benzoic acid	420		54.7	80	100	ug/L
91-20-3	Naphthalene	380		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	120		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	360		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/6/2024 12:00:00 AM
Project:		Date Received:	5/6/2024 12:00:00 AM
Client Sample ID:	WC-KKMS	SDG No.:	BF050924
Lab Sample ID:	P2398-04MS	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
BF137867.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	390		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	400		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1000	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	440		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	420		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	410		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	460		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	470		9.3	40	50	ug/L
208-96-8	Acenaphthylene	470		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	460		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	280		13.7	40	50	ug/L
83-32-9	Acenaphthene	470		8.1	40	50	ug/L
Total PAH	Total PAH	7130		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	930	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	670		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)	930		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	470		15.2	40	50	ug/L
84-66-2	Diethylphthalate	470		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	450		9.8	40	50	ug/L
86-73-7	Fluorene	440		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	370		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	480		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	490		8.9	40	50	ug/L
103-33-3	Azobenzene	440		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	480		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	470		11.4	40	50	ug/L
1912-24-9	Atrazine	530		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/6/2024 12:00:00 AM
Project:		Date Received:	5/6/2024 12:00:00 AM
Client Sample ID:	WC-KKMS	SDG No.:	BF050924
Lab Sample ID:	P2398-04MS	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
BF137867.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	780		18.5	80	100	ug/L
85-01-8	Phenanthrene	460		8.9	40	50	ug/L
120-12-7	Anthracene	470		10.7	40	50	ug/L
86-74-8	Carbazole	410		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	490		14.7	40	50	ug/L
206-44-0	Fluoranthene	380		12.9	40	50	ug/L
92-87-5	Benzidine	120		40.7	80	100	ug/L
129-00-0	Pyrene	480		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	580		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	360		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	460		9.4	40	50	ug/L
218-01-9	Chrysene	470		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	640		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	720		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	430		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	450		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	480		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	450		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	450		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	390		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	410		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	290		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	450		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	380		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	102.556		10-139		68	SPK: -150
13127-88-3	Phenol-d6	96.807		10-134		65	SPK: -150
4165-60-0	Nitrobenzene-d5	75.108		49-133		75	SPK: -100
321-60-8	2-Fluorobiphenyl	82.001		52-132		82	SPK: -100

Report of Analysis

Client:		Date Collected:	5/6/2024 12:00:00 AM
Project:		Date Received:	5/6/2024 12:00:00 AM
Client Sample ID:	WC-KKMS	SDG No.:	BF050924
Lab Sample ID:	P2398-04MS	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
BF137867.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.296		32-145		89	SPK: -150
1718-51-0	Terphenyl-d14	97.02		36-145		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	152694	7.051				
1146-65-2	Naphthalene-d8	616273	8.334				
15067-26-2	Acenaphthene-d10	347035	10.098				
1517-22-2	Phenanthrene-d10	573349	11.592				
1719-03-5	Chrysene-d12	298077	14.245				
1520-96-3	Perylene-d12	315762	15.815				

Report of Analysis

Client:		Date Collected:	5/6/2024 12:00:00 AM
Project:		Date Received:	5/6/2024 12:00:00 AM
Client Sample ID:	WC-KKMSD	SDG No.:	BF050924
Lab Sample ID:	P2398-04MSD	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
BF137868.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	390		10.3	80	100	ug/L
110-86-1	Pyridine	280		15.5	40	50	ug/L
100-52-7	Benzaldehyde	160		40	80	100	ug/L
62-53-3	Aniline	250		16	40	50	ug/L
108-95-2	Phenol	380		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	420		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	440		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	410		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	390		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	400		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	460		16	80	100	ug/L
95-48-7	2-Methylphenol	450		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	380		13.5	40	50	ug/L
98-86-2	Acetophenone	430		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	420		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	430		14.8	25	25	ug/L
67-72-1	Hexachloroethane	400		10.1	40	50	ug/L
98-95-3	Nitrobenzene	400		12.7	40	50	ug/L
78-59-1	Isophorone	440		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	480		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	460		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	430		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	440		54.7	80	100	ug/L
91-20-3	Naphthalene	420		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	130		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	400		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/6/2024 12:00:00 AM
Project:		Date Received:	5/6/2024 12:00:00 AM
Client Sample ID:	WC-KKMSD	SDG No.:	BF050924
Lab Sample ID:	P2398-04MSD	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
BF137868.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	410		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	460		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	440		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1100	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	460		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	460		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	450		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	440		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	470		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	480		9.3	40	50	ug/L
208-96-8	Acenaphthylene	480		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	470		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	310		13.7	40	50	ug/L
83-32-9	Acenaphthene	500		8.1	40	50	ug/L
Total PAH	Total PAH	7480		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1000	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	700		20	80	100	ug/L
132-64-9	Dibenzofuran	460		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	960		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	490		15.2	40	50	ug/L
84-66-2	Diethylphthalate	490		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	460		9.8	40	50	ug/L
86-73-7	Fluorene	460		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	390		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	540		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	510		8.9	40	50	ug/L
103-33-3	Azobenzene	450		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	500		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	490		11.4	40	50	ug/L
1912-24-9	Atrazine	530		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/6/2024 12:00:00 AM
Project:		Date Received:	5/6/2024 12:00:00 AM
Client Sample ID:	WC-KKMSD	SDG No.:	BF050924
Lab Sample ID:	P2398-04MSD	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
BF137868.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	850	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	480		8.9	40	50	ug/L
120-12-7	Anthracene	490		10.7	40	50	ug/L
86-74-8	Carbazole	430		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	520		14.7	40	50	ug/L
206-44-0	Fluoranthene	390		12.9	40	50	ug/L
92-87-5	Benzidine	170		40.7	80	100	ug/L
129-00-0	Pyrene	500		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	610		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	440		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	490		9.4	40	50	ug/L
218-01-9	Chrysene	500		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	680		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	770		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	450		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	470		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	500		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	480		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	470		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	400		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	330		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	117.084		10-139		78	SPK: -150
13127-88-3	Phenol-d6	109.645		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	85.333		49-133		85	SPK: -100
321-60-8	2-Fluorobiphenyl	87.993		52-132		88	SPK: -100

Report of Analysis

Client:		Date Collected:	5/6/2024 12:00:00 AM
Project:		Date Received:	5/6/2024 12:00:00 AM
Client Sample ID:	WC-KKMSD	SDG No.:	BF050924
Lab Sample ID:	P2398-04MSD	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
BF137868.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	141.087		32-145		94	SPK: -150
1718-51-0	Terphenyl-d14	101.697		36-145		102	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	159798	7.051				
1146-65-2	Naphthalene-d8	650937	8.333				
15067-26-2	Acenaphthene-d10	365788	10.098				
1517-22-2	Phenanthrene-d10	597560	11.592				
1719-03-5	Chrysene-d12	306014	14.245				
1520-96-3	Perylene-d12	327851	15.815				

Report of Analysis

Client:		Date Collected:	5/6/2024 12:00:00 AM
Project:		Date Received:	5/6/2024 12:00:00 AM
Client Sample ID:	WCS-TPA	SDG No.:	BF050924
Lab Sample ID:	P2411-04	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
BF137869.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

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:	5/6/2024 12:00:00 AM
Project:		Date Received:	5/6/2024 12:00:00 AM
Client Sample ID:	WCS-TPA	SDG No.:	BF050924
Lab Sample ID:	P2411-04	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
BF137869.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

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:	5/6/2024 12:00:00 AM
Project:		Date Received:	5/6/2024 12:00:00 AM
Client Sample ID:	WCS-TPA	SDG No.:	BF050924
Lab Sample ID:	P2411-04	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
BF137869.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

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	94.923		10-139		63	SPK: -150
13127-88-3	Phenol-d6	86.148		10-134		57	SPK: -150
4165-60-0	Nitrobenzene-d5	72.516		49-133		73	SPK: -100
321-60-8	2-Fluorobiphenyl	74.637		52-132		75	SPK: -100

Report of Analysis

Client:		Date Collected:	5/6/2024 12:00:00 AM
Project:		Date Received:	5/6/2024 12:00:00 AM
Client Sample ID:	WCS-TPA	SDG No.:	BF050924
Lab Sample ID:	P2411-04	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
BF137869.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	121.397		32-145		81	SPK: -150
1718-51-0	Terphenyl-d14	100.851		36-145		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	165776	7.051				
1146-65-2	Naphthalene-d8	634859	8.334				
15067-26-2	Acenaphthene-d10	364779	10.098				
1517-22-2	Phenanthrene-d10	615005	11.592				
1719-03-5	Chrysene-d12	324537	14.239				
1520-96-3	Perylene-d12	239893	15.81				

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	WC-CC	SDG No.:	BF050924
Lab Sample ID:	P2413-04	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
BF137870.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

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:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	WC-CC	SDG No.:	BF050924
Lab Sample ID:	P2413-04	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
BF137870.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

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:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	WC-CC	SDG No.:	BF050924
Lab Sample ID:	P2413-04	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
BF137870.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

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	112.097		10-139		75	SPK: -150
13127-88-3	Phenol-d6	101.764		10-134		68	SPK: -150
4165-60-0	Nitrobenzene-d5	84.678		49-133		85	SPK: -100
321-60-8	2-Fluorobiphenyl	82.78		52-132		83	SPK: -100

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	WC-CC	SDG No.:	BF050924
Lab Sample ID:	P2413-04	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
BF137870.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	124.67		32-145		83	SPK: -150
1718-51-0	Terphenyl-d14	99.382		36-145		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	162895	7.051				
1146-65-2	Naphthalene-d8	644072	8.334				
15067-26-2	Acenaphthene-d10	375845	10.092				
1517-22-2	Phenanthrene-d10	632949	11.592				
1719-03-5	Chrysene-d12	340552	14.239				
1520-96-3	Perylene-d12	286367	15.81				

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	WC-EE	SDG No.:	BF050924
Lab Sample ID:	P2413-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137871.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

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:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	WC-EE	SDG No.:	BF050924
Lab Sample ID:	P2413-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137871.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

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:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	WC-EE	SDG No.:	BF050924
Lab Sample ID:	P2413-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137871.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

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	111.881		10-139		75	SPK: -150
13127-88-3	Phenol-d6	102.424		10-134		68	SPK: -150
4165-60-0	Nitrobenzene-d5	81.554		49-133		82	SPK: -100
321-60-8	2-Fluorobiphenyl	82.432		52-132		82	SPK: -100

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	WC-EE	SDG No.:	BF050924
Lab Sample ID:	P2413-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137871.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	125.477		32-145		84	SPK: -150
1718-51-0	Terphenyl-d14	98.244		36-145		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	167154	7.051				
1146-65-2	Naphthalene-d8	661363	8.334				
15067-26-2	Acenaphthene-d10	377282	10.092				
1517-22-2	Phenanthrene-d10	625158	11.586				
1719-03-5	Chrysene-d12	346490	14.239				
1520-96-3	Perylene-d12	298791	15.81				

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	1011UMR-SS004-0212-01	SDG No.:	BF050924
Lab Sample ID:	P2414-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137872.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

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:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	1011UMR-SS004-0212-01	SDG No.:	BF050924
Lab Sample ID:	P2414-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137872.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

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:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	1011UMR-SS004-0212-01	SDG No.:	BF050924
Lab Sample ID:	P2414-02	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
BF137872.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

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	114.843		10-139		77	SPK: -150
13127-88-3	Phenol-d6	105.128		10-134		70	SPK: -150
4165-60-0	Nitrobenzene-d5	81.837		49-133		82	SPK: -100
321-60-8	2-Fluorobiphenyl	83.244		52-132		83	SPK: -100

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	1011UMR-SS004-0212-01	SDG No.:	BF050924
Lab Sample ID:	P2414-02	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
BF137872.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.25		32-145		87	SPK: -150
1718-51-0	Terphenyl-d14	108.957		36-145		109	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	172842	7.051				
1146-65-2	Naphthalene-d8	698332	8.333				
15067-26-2	Acenaphthene-d10	403642	10.092				
1517-22-2	Phenanthrene-d10	683703	11.592				
1719-03-5	Chrysene-d12	341016	14.239				
1520-96-3	Perylene-d12	238937	15.809				

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	1011UMR-SS005-0212-01	SDG No.:	BF050924
Lab Sample ID:	P2415-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137873.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

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:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	1011UMR-SS005-0212-01	SDG No.:	BF050924
Lab Sample ID:	P2415-02	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
BF137873.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

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:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	1011UMR-SS005-0212-01	SDG No.:	BF050924
Lab Sample ID:	P2415-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137873.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

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	114.829		10-139		77	SPK: -150
13127-88-3	Phenol-d6	104.83		10-134		70	SPK: -150
4165-60-0	Nitrobenzene-d5	83.401		49-133		83	SPK: -100
321-60-8	2-Fluorobiphenyl	84.661		52-132		85	SPK: -100

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	1011UMR-SS005-0212-01	SDG No.:	BF050924
Lab Sample ID:	P2415-02	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
BF137873.D	1	5/9/2024 12:00:00 AM	5/9/2024 12:00:00 AM	PB160825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	129.398		32-145		86	SPK: -150
1718-51-0	Terphenyl-d14	104.158		36-145		104	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	167457	7.051				
1146-65-2	Naphthalene-d8	656657	8.333				
15067-26-2	Acenaphthene-d10	380985	10.092				
1517-22-2	Phenanthrene-d10	624482	11.592				
1719-03-5	Chrysene-d12	338126	14.239				
1520-96-3	Perylene-d12	290180	15.809				



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

Hit Summary Sheet
SW-846

SDG No.: BF050924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : A2295								
P2410-01	A2295	Water	Butane, 2-methoxy-2-methyl-	*	120.000	J		
			Total Tics :			120.00		
P2410-01	A2295	Water	Di-n-butylphthalate		29.100	1.5	5.1	ug/L
			Total Svoc :			29.10		
			Total Concentration:			149.10		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF043024 SAS No.: BF043024 SDG No.: BF043024
Instrument ID: _____ Calibration Date(s): 4/30/2024 : _____
Calibration Time(s): 11:08 _____

LAB FILE ID:		RRF2.5 = BF137764.D		RRF005 = BF137765.D		RRF010 = BF137766.D		
		RRF020 = BF137767.D		RRF040 = BF137768.D		RRF050 = BF137769.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.625	0.575	0.613	0.577	0.571	0.586	3.9
Pyridine		1.333	1.304	1.418	1.292	1.252	1.302	4.6
2-Fluorophenol		1.313	1.258	1.295	1.164	1.130	1.195	7.7
Benzaldehyde			0.981	0.968	0.780	0.674	0.816	18.5
Aniline		1.617	1.507	1.592	1.500	1.465	1.502	5.4
Phenol-d6		1.671	1.603	1.633	1.478	1.432	1.515	7.8
Phenol		1.700	1.599	1.669	1.515	1.479	1.553	6.7
bis(2-Chloroethyl)ether		1.312	1.255	1.274	1.190	1.163	1.216	5.2
2-Chlorophenol		1.416	1.354	1.402	1.273	1.240	1.302	6.8
1,2-Dichlorobenzene		1.577	1.477	1.488	1.358	1.292	1.387	9.2
1,3-Dichlorobenzene		1.602	1.547	1.577	1.432	1.397	1.468	7.1
1,4-Dichlorobenzene		1.628	1.523	1.577	1.443	1.400	1.473	7.1
Benzyl Alcohol		1.061	1.044	1.118	1.062	1.017	1.048	3.6
2-Methylphenol		1.115	1.065	1.102	1.036	1.015	1.050	4.2
2,2-oxybis(1-Chloropropane)		1.872	1.744	1.804	1.690	1.620	1.709	6.0
Acetophenone		0.498	0.473	0.481	0.445	0.421	0.450	7.7
3+4-Methylphenols		1.497	1.434	1.499	1.376	1.321	1.382	7.2
n-Nitroso-di-n-propylamine	0.970	0.987	0.934	0.967	0.884	0.845	0.905	7.4
Nitrobenzene-d5		0.357	0.350	0.363	0.345	0.332	0.344	3.9
Hexachloroethane		0.509	0.504	0.531	0.497	0.485	0.498	3.8
Nitrobenzene		0.374	0.359	0.372	0.355	0.341	0.355	4.2
Isophorone		0.659	0.632	0.645	0.608	0.589	0.621	4.1
2-Nitrophenol		0.135	0.142	0.165	0.170	0.167	0.161	9.7
2,4-Dimethylphenol		0.243	0.232	0.245	0.229	0.221	0.231	4.1
bis(2-Chloroethoxy)methane		0.408	0.389	0.396	0.372	0.353	0.376	5.9
2,4-Dichlorophenol		0.287	0.279	0.294	0.280	0.272	0.280	3.1
1,2,4-Trichlorobenzene		0.327	0.316	0.319	0.302	0.288	0.305	5.2
Benzoic acid			0.150	0.186	0.204	0.206	0.200	14.2
Naphthalene		1.115	1.061	1.065	0.979	0.922	0.994	8.7
4-Chloroaniline		0.395	0.378	0.383	0.366	0.354	0.369	4.8
Hexachlorobutadiene		0.199	0.194	0.196	0.185	0.176	0.187	5.0
Caprolactam		0.089	0.087	0.089	0.089	0.088	0.089	1.6
4-Chloro-3-methylphenol		0.306	0.296	0.302	0.292	0.279	0.292	3.5
2-Methylnaphthalene		0.718	0.686	0.686	0.634	0.600	0.643	8.4
Hexachlorocyclopentadiene		0.185	0.194	0.222	0.224	0.219	0.215	8.5
2,4,6-Trichlorophenol		0.361	0.353	0.379	0.363	0.352	0.361	2.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF043024 SAS No.: BF043024 SDG No.: BF043024
Instrument ID: _____ Calibration Date(s): 4/30/2024 : _____
Calibration Time(s): 11:08 _____

LAB FILE ID:		RRF2.5 = BF137764.D			RRF005 = BF137765.D		RRF010 = BF137766.D	
		RRF020 = BF137767.D			RRF040 = BF137768.D		RRF050 = BF137769.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.471	1.368	1.353	1.187	1.106	1.233	13.4
2,4,5-Trichlorophenol		0.399	0.390	0.414	0.403	0.394	0.398	2.2
1,1-Biphenyl		1.523	1.438	1.480	1.345	1.281	1.373	8.0
2-Chloronaphthalene		1.201	1.148	1.196	1.084	1.045	1.108	6.7
2-Nitroaniline		0.270	0.285	0.310	0.308	0.308	0.301	5.4
Dimethylphthalate		1.364	1.321	1.292	1.242	1.199	1.263	5.1
Acenaphthylene		1.772	1.648	1.711	1.576	1.522	1.603	7.0
2,6-Dinitrotoluene		0.274	0.281	0.299	0.292	0.289	0.289	2.9
3-Nitroaniline		0.290	0.291	0.313	0.307	0.300	0.302	2.9
Acenaphthene		1.145	1.099	1.135	1.046	1.005	1.063	6.0
2,4-Dinitrophenol			0.095	0.125	0.146	0.157	0.142	19.3
4-Nitrophenol		0.233	0.236	0.258	0.256	0.260	0.250	4.6
Dibenzofuran		1.728	1.649	1.645	1.515	1.441	1.546	8.3
2,4-Dinitrotoluene		0.341	0.359	0.384	0.385	0.389	0.377	5.2
Diethylphthalate		1.318	1.255	1.237	1.173	1.138	1.199	6.1
4-Chlorophenyl-phenylether		0.671	0.643	0.638	0.591	0.572	0.606	7.3
Fluorene		1.388	1.317	1.316	1.203	1.148	1.231	9.0
4-Nitroaniline		0.305	0.297	0.308	0.312	0.313	0.306	1.8
4,6-Dinitro-2-methylphenol			0.085	0.108	0.119	0.120	0.115	14.1
n-Nitrosodiphenylamine		0.662	0.610	0.644	0.589	0.560	0.599	7.0
Azobenzene		1.276	1.221	1.199	1.138	1.102	1.159	6.5
2,4,6-Tribromophenol		0.208	0.207	0.210	0.201	0.201	0.204	2.0
4-Bromophenyl-phenylether		0.228	0.212	0.228	0.213	0.202	0.214	4.9
Hexachlorobenzene		0.253	0.235	0.244	0.231	0.223	0.234	4.9
Atrazine		0.205	0.188	0.188	0.180	0.173	0.183	6.9
Pentachlorophenol		0.145	0.150	0.171	0.165	0.163	0.161	5.7
Phenanthrene		1.105	1.029	1.045	0.949	0.913	0.975	8.8
Anthracene		1.083	1.018	1.044	0.952	0.912	0.970	8.2
Carbazole		1.063	0.979	0.997	0.911	0.879	0.935	8.6
Di-n-butylphthalate		1.116	1.061	1.057	1.002	0.977	1.020	6.0
Fluoranthene		1.226	1.119	1.129	1.037	1.011	1.066	9.0
Benzidine		0.481	0.362	0.431	0.534	0.515	0.463	12.5
Pyrene		1.506	1.608	1.691	1.572	1.484	1.586	4.9
Terphenyl-d14		1.244	1.281	1.302	1.153	1.070	1.193	7.5
Butylbenzylphthalate		0.427	0.440	0.493	0.518	0.527	0.503	10.6
3,3-Dichlorobenzidine		0.441	0.399	0.412	0.369	0.376	0.383	9.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF043024 SAS No.: BF043024 SDG No.: BF043024
Instrument ID: _____ Calibration Date(s): 4/30/2024 : _____
Calibration Time(s): 11:08 _____

LAB FILE ID:		RRF2.5 = BF137764.D			RRF005 = BF137765.D		RRF010 = BF137766.D	
		RRF020 = BF137767.D			RRF040 = BF137768.D		RRF050 = BF137769.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.361	1.290	1.319	1.249	1.237	1.279	3.7
Chrysene		1.285	1.221	1.248	1.154	1.150	1.198	4.5
Bis(2-ethylhexyl)phthalate		0.636	0.563	0.584	0.627	0.671	0.634	7.3
Di-n-octyl phthalate		0.884	0.714	0.763	0.834	0.916	0.853	10.1
Benzo(b)fluoranthene		1.236	1.230	1.344	1.219	1.239	1.244	3.6
Benzo(k)fluoranthene		1.242	1.249	1.236	1.217	1.194	1.203	3.9
Benzo(a)pyrene		1.043	0.994	1.048	1.000	0.987	1.015	2.3
Indeno(1,2,3-cd)pyrene		0.975	0.939	1.088	1.130	1.090	1.137	15.3
Dibenzo(a,h)anthracene		0.789	0.784	0.899	0.920	0.886	0.926	14.3
Benzo(g,h,i)perylene		0.766	0.779	0.918	0.984	0.935	0.970	18.6
1,2,4,5-Tetrachlorobenzene		0.562	0.546	0.561	0.521	0.502	0.530	5.0
1,4-Dioxane		0.568	0.529	0.572	0.529	0.521	0.538	4.2
2,3,4,6-Tetrachlorophenol		0.336	0.314	0.334	0.325	0.318	0.323	2.7
1-Methylnaphthalene		0.714	0.675	0.675	0.623	0.591	0.633	8.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF050924 SAS No.: BF050924 SDG NO.: BF050924

EPA Sample No.: SSTDICCC040 Date Analyzed: May 9 2024 12:00AM

Lab File ID: BF137768.D Time Analyzed: 11:52

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	243153	7.057	956131	8.35	540805	10.11
UPPER LIMIT	486306	7.557	1912262	8.845	1081610	10.61
LOWER LIMIT	121576.5	6.557	478065.5	7.845	270402.5	9.61
EPA SAMPLE NO.						
01 PB160779BL	184770	7.05	759305	8.33	449110	10.10
02 PB160643BS	186771	7.05	765296	8.34	433458	10.10
03 PB160807BL	188303	7.05	771724	8.33	460571	10.10
04 PB160815BL	189653	7.05	777022	8.33	464787	10.10
05 PB160815BS	197597	7.05	802265	8.34	451088	10.10
06 PB160815BSD	199488	7.05	811098	8.34	451590	10.10
07 A2295	160415	7.05	634025	8.33	362540	10.10
08 WC-KK	152627	7.05	597366	8.33	349735	10.10
09 WC-KKMS	152694	7.05	616273	8.33	347035	10.10
10 WC-KKMSD	159798	7.05	650937	8.33	365788	10.10
11 WCS-TPA	165776	7.05	634859	8.33	364779	10.10
12 WC-CC	162895	7.05	644072	8.33	375845	10.09
13 WC-EE	167154	7.05	661363	8.33	377282	10.09
14 1011UMR-SS004-0212-01	172842	7.05	698332	8.33	403642	10.09
15 1011UMR-SS005-0212-01	167457	7.05	656657	8.33	380985	10.09

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.: BF050924 SAS No.: BF050924 SDG NO.: BF050924

EPA Sample No.: SSTDCCC040 Date Analyzed: May 9 2024 12:00AM

Lab File ID: BF137858.D Time Analyzed: 11:52

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	248658	7.051	997201	8.34	561451	10.10
UPPER LIMIT	497316	7.551	1994402	8.839	1122902	10.604
LOWER LIMIT	124329	6.551	498600.5	7.839	280725.5	9.604
EPA SAMPLE NO.						
01 PB160779BL	184770	7.05	759305	8.33	449110	10.10
02 PB160643BS	186771	7.05	765296	8.34	433458	10.10
03 PB160807BL	188303	7.05	771724	8.33	460571	10.10
04 PB160815BL	189653	7.05	777022	8.33	464787	10.10
05 PB160815BS	197597	7.05	802265	8.34	451088	10.10
06 PB160815BSD	199488	7.05	811098	8.34	451590	10.10
07 A2295	160415	7.05	634025	8.33	362540	10.10
08 WC-KK	152627	7.05	597366	8.33	349735	10.10
09 WC-KKMS	152694	7.05	616273	8.33	347035	10.10
10 WC-KKMSD	159798	7.05	650937	8.33	365788	10.10
11 WCS-TPA	165776	7.05	634859	8.33	364779	10.10
12 WC-CC	162895	7.05	644072	8.33	375845	10.09
13 WC-EE	167154	7.05	661363	8.33	377282	10.09
14 1011UMR-SS004-0212-01	172842	7.05	698332	8.33	403642	10.09
15 1011UMR-SS005-0212-01	167457	7.05	656657	8.33	380985	10.09

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.: BF050924 SAS No.: BF050924 SDG NO.: BF050924

EPA Sample No.: SSTDICCC040 Date Analyzed: May 9 2024 12:00AM

Lab File ID: BF137768.D Time Analyzed: 11:52

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	945981	11.598	642193	14.251	470898	15.821
	UPPER LIMIT	1891962	12.098	1284386	14.751	941796	16.321
	LOWER LIMIT	472990.5	11.098	321096.5	13.751	235449	15.321
	EPA SAMPLE NO.						
01	PB160779BL	823274	11.59	555031	14.24	413608	15.81
02	PB160643BS	740180	11.60	430130	14.25	354854	15.82
03	PB160807BL	828536	11.59	554081	14.25	429657	15.82
04	PB160815BL	829149	11.59	536515	14.24	399360	15.81
05	PB160815BS	752249	11.60	446083	14.25	367432	15.82
06	PB160815BSD	763548	11.60	453800	14.25	374442	15.82
07	A2295	618375	11.59	344132	14.24	312513	15.81
08	WC-KK	581342	11.59	331013	14.24	274884	15.81
09	WC-KKMS	573349	11.59	298077 *	14.25	315762	15.82
10	WC-KKMSD	597560	11.59	306014 *	14.25	327851	15.82
11	WCS-TPA	615005	11.59	324537	14.24	239893	15.81
12	WC-CC	632949	11.59	340552	14.24	286367	15.81
13	WC-EE	625158	11.59	346490	14.24	298791	15.81
14	1011UMR-SS004-0212-01	683703	11.59	341016	14.24	238937	15.81
15	1011UMR-SS005-0212-01	624482	11.59	338126	14.24	290180	15.81

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF050924 SAS No.: BF050924 SDG NO.: BF050924

EPA Sample No.: SSTDICCC040 Date Analyzed: May 9 2024 12:00AM

Lab File ID: BF137768.D Time Analyzed: 20:01

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	945981	11.598	642193	14.251	470898	15.821
UPPER LIMIT	1891962	12.098	1284386	14.751	941796	16.321
LOWER LIMIT	472990.5	11.098	321096.5	13.751	235449	15.321
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.: BF050924 SAS No.: BF050924 SDG NO.: BF050924

EPA Sample No.: SSTDCCC040 Date Analyzed: May 9 2024 12:00AM

Lab File ID: BF137858.D Time Analyzed: 11:52

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	941799	11.598	535957	14.251	465428	15.815
	UPPER LIMIT	1883598	12.098	1071914	14.751	930856	16.315
	LOWER LIMIT	470899.5	11.098	267978.5	13.751	232714	15.315
	EPA SAMPLE NO.						
01	PB160779BL	823274	11.59	555031	14.24	413608	15.81
02	PB160643BS	740180	11.60	430130	14.25	354854	15.82
03	PB160807BL	828536	11.59	554081	14.25	429657	15.82
04	PB160815BL	829149	11.59	536515	14.24	399360	15.81
05	PB160815BS	752249	11.60	446083	14.25	367432	15.82
06	PB160815BSD	763548	11.60	453800	14.25	374442	15.82
07	A2295	618375	11.59	344132	14.24	312513	15.81
08	WC-KK	581342	11.59	331013	14.24	274884	15.81
09	WC-KKMS	573349	11.59	298077	14.25	315762	15.82
10	WC-KKMSD	597560	11.59	306014	14.25	327851	15.82
11	WCS-TPA	615005	11.59	324537	14.24	239893	15.81
12	WC-CC	632949	11.59	340552	14.24	286367	15.81
13	WC-EE	625158	11.59	346490	14.24	298791	15.81
14	1011UMR-SS004-0212-01	683703	11.59	341016	14.24	238937	15.81
15	1011UMR-SS005-0212-01	624482	11.59	338126	14.24	290180	15.81

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF050924 SAS No.: BF050924 SDG NO.: BF050924

EPA Sample No.: SSTDCCC040 Date Analyzed: May 9 2024 12:00AM

Lab File ID: BF137858.D Time Analyzed: 20:01

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	941799	11.598	535957	14.251	465428	15.815
UPPER LIMIT	1883598	12.098	1071914	14.751	930856	16.315
LOWER LIMIT	470899.5	11.098	267978.5	13.751	232714	15.315
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.: **BF050924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB160643BS	n-Nitrosodimethylamine	1700	1300	ug/Kg	76				57	103	
	Pyridine	1700	1100	ug/Kg	65				28	98	
	Benzaldehyde	1700	2300	ug/Kg	135				10	147	
	Aniline	1700	1100	ug/Kg	65				38	100	
	Phenol	1700	1400	ug/Kg	82				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102	
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100	
	Benzyl Alcohol	1700	1600	ug/Kg	94				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1500	ug/Kg	88				55	104	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1700	ug/Kg	100				61	111	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				67	119	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				53	105	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110	
	Benzoic acid	1700	1700	ug/Kg	100				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	550	ug/Kg	32				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1400	ug/Kg	82				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104	
	Hexachlorocyclopentadiene	3300	4300	ug/Kg	130				45	134	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1700	ug/Kg	100				57	104	
	Total PAH	27200	25500	ug/Kg	94				57	104	
	2,4-Dinitrophenol	3300	3500	ug/Kg	106				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF050924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160643BS	4-Nitrophenol	3300	2800	ug/Kg	85				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3100	ug/Kg	91				60	106	
	Diethylphthalate	1700	1600	ug/Kg	94				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				56	107	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				55	99	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1800	ug/Kg	106				67	113	
	Pentachlorophenol	3300	2700	ug/Kg	82				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1400	ug/Kg	82				61	99	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Benzidine	3300	640	ug/Kg	19				10	98	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	2000	ug/Kg	118		*		55	103	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	bis(2-Ethylhexyl)phthalate	1700	2200	ug/Kg	129		*		63	111	
	Di-n-octyl phthalate	1700	2300	ug/Kg	135		*		70	108	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1800	ug/Kg	106		*		63	101	
	Dibenz(a,h)anthracene	1700	1800	ug/Kg	106				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF050924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD	
								Qual	Low	High		
PB160815BS	n-Nitrosodimethylamine	50	39.7	ug/L	79					55	108	
	Pyridine	50	34.4	ug/L	69					29	97	
	Benzaldehyde	50	69.9	ug/L	140		*			15	121	
	Aniline	50	30.3	ug/L	61					10	130	
	Phenol	50	43.4	ug/L	87					66	118	
	bis(2-Chloroethyl)ether	50	45.2	ug/L	90					62	103	
	2-Chlorophenol	50	46.9	ug/L	94					70	117	
	1,2-Dichlorobenzene	50	44	ug/L	88					72	102	
	1,3-Dichlorobenzene	50	42.2	ug/L	84					71	103	
	1,4-Dichlorobenzene	50	42.6	ug/L	85					76	103	
	Benzyl Alcohol	50	47.6	ug/L	95		*			36	93	
	2-Methylphenol	50	46.4	ug/L	93					69	109	
	2,2-oxybis(1-Chloropropane)	50	41	ug/L	82					52	103	
	Acetophenone	50	44.3	ug/L	89					60	104	
	3+4-Methylphenols	50	44.4	ug/L	89					67	106	
	N-Nitroso-di-n-propylamine	50	44.3	ug/L	89					57	107	
	Hexachloroethane	50	44.5	ug/L	89					76	118	
	Nitrobenzene	50	42.2	ug/L	84					58	106	
	Isophorone	50	44.9	ug/L	90					61	102	
	2-Nitrophenol	50	51	ug/L	102					70	115	
	2,4-Dimethylphenol	50	48.3	ug/L	97					67	130	
	bis(2-Chloroethoxy)methane	50	44.9	ug/L	90					58	109	
	2,4-Dichlorophenol	50	46.2	ug/L	92					66	115	
	1,2,4-Trichlorobenzene	50	44.4	ug/L	89					41	115	
	Benzoic acid	50	49.3	ug/L	99					10	125	
	Naphthalene	50	43.7	ug/L	87					64	107	
	4-Chloroaniline	50	14.6	ug/L	29					10	85	
	Hexachlorobutadiene	50	44.8	ug/L	90					69	101	
	Caprolactam	50	44	ug/L	88					58	128	
	4-Chloro-3-methylphenol	50	46.1	ug/L	92					65	114	
	2-Methylnaphthalene	50	44.3	ug/L	89					64	107	
	Hexachlorocyclopentadiene	100	130	ug/L	130					36	160	
	2,4,6-Trichlorophenol	50	47	ug/L	94					61	110	
	2,4,5-Trichlorophenol	50	45.3	ug/L	91					70	106	
	1,1-Biphenyl	50	45.8	ug/L	92					72	98	
	2-Chloronaphthalene	50	44.3	ug/L	89					59	106	
	2-Nitroaniline	50	45.3	ug/L	91					58	107	
	Dimethylphthalate	50	46.6	ug/L	93					64	103	
	Acenaphthylene	50	47.6	ug/L	95					65	108	
	2,6-Dinitrotoluene	50	45.6	ug/L	91					64	110	
	3-Nitroaniline	50	29.6	ug/L	59					28	100	
	Acenaphthene	50	48.8	ug/L	98					59	113	
	Total PAH	800	757.6	ug/L	95					59	113	
	2,4-Dinitrophenol	100	100	ug/L	100					64	132	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF050924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB160815BS	4-Nitrophenol	100	81.1	ug/L	81				68	116	
	Dibenzofuran	50	44.5	ug/L	89				65	106	
	2,4-Dinitrotoluene	50	46.6	ug/L	93				60	115	
	2,4-Dinitrotoluene/2,6-Dinitro	100	92.2	ug/L	92				60	115	
	Diethylphthalate	50	46.1	ug/L	92				63	105	
	4-Chlorophenyl-phenylether	50	44.3	ug/L	89				61	104	
	Fluorene	50	43.7	ug/L	87				64	107	
	4-Nitroaniline	50	40.3	ug/L	81				69	112	
	4,6-Dinitro-2-methylphenol	50	51.5	ug/L	103				62	132	
	N-Nitrosodiphenylamine	50	47	ug/L	94				61	109	
	Azobenzene	50	43.5	ug/L	87				59	106	
	4-Bromophenyl-phenylether	50	47.8	ug/L	96				73	103	
	Hexachlorobenzene	50	46.5	ug/L	93				73	106	
	Atrazine	50	52.4	ug/L	105				76	120	
	Pentachlorophenol	100	83.2	ug/L	83				47	114	
	Phenanthrene	50	45.6	ug/L	91				62	109	
	Anthracene	50	46.6	ug/L	93				65	110	
	Carbazole	50	42.9	ug/L	86				62	106	
	Di-n-butylphthalate	50	48.7	ug/L	97				64	106	
	Fluoranthene	50	42.5	ug/L	85				64	110	
	Benzidine	100	19.3	ug/L	19				10	94	
	Pyrene	50	48.7	ug/L	97				71	103	
	Butylbenzylphthalate	50	60.7	ug/L	121		*		61	105	
	3,3-Dichlorobenzidine	50	34.5	ug/L	69				43	108	
	Benzo(a)anthracene	50	47.9	ug/L	96				62	107	
	Chrysene	50	47.6	ug/L	95				61	108	
	bis(2-Ethylhexyl)phthalate	50	66.1	ug/L	132		*		59	110	
	Di-n-octyl phthalate	50	68.6	ug/L	137		*		67	126	
	Benzo(b)fluoranthene	50	45.7	ug/L	91				77	113	
	Benzo(k)fluoranthene	50	48.1	ug/L	96				64	113	
	Benzo(a)pyrene	50	50.5	ug/L	101				72	131	
	Indeno(1,2,3-cd)pyrene	50	51.7	ug/L	103				72	105	
	Dibenz(a,h)anthracene	50	52.2	ug/L	104				78	115	
	Benzo(g,h,i)perylene	50	46.7	ug/L	93				75	118	
	1,2,4,5-Tetrachlorobenzene	50	46.2	ug/L	92				72	101	
	1,4-Dioxane	50	32.7	ug/L	65				38	125	
	2,3,4,6-Tetrachlorophenol	50	45.5	ug/L	91				63	116	
	1-Methylnaphthalene	50	42	ug/L	84				51	114	
PB160815BSD	n-Nitrosodimethylamine	50	39.2	ug/L	78	1			55	108	20
	Pyridine	50	34.2	ug/L	68	1			29	97	20
	Benzaldehyde	50	69.8	ug/L	140	0	*		15	121	20
	Aniline	50	30.9	ug/L	62	2			10	130	20
	Phenol	50	43.1	ug/L	86	1			66	118	20
	bis(2-Chloroethyl)ether	50	44.2	ug/L	88	2			62	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF050924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB160815BSD	2-Chlorophenol	50	46.9	ug/L	94	0			70	117	20
	1,2-Dichlorobenzene	50	44	ug/L	88	0			72	102	20
	1,3-Dichlorobenzene	50	41.9	ug/L	84	1			71	103	20
	1,4-Dichlorobenzene	50	42.2	ug/L	84	1			76	103	20
	Benzyl Alcohol	50	47.5	ug/L	95	0	*		36	93	20
	2-Methylphenol	50	46	ug/L	92	1			69	109	20
	2,2-oxybis(1-Chloropropane)	50	40.6	ug/L	81	1			52	103	20
	Acetophenone	50	44	ug/L	88	1			60	104	20
	3+4-Methylphenols	50	44.5	ug/L	89	0			67	106	20
	N-Nitroso-di-n-propylamine	50	44.4	ug/L	89	0			57	107	20
	Hexachloroethane	50	44.5	ug/L	89	0			76	118	20
	Nitrobenzene	50	41.7	ug/L	83	1			58	106	20
	Isophorone	50	45.1	ug/L	90	0			61	102	20
	2-Nitrophenol	50	51.3	ug/L	103	1			70	115	20
	2,4-Dimethylphenol	50	48	ug/L	96	1			67	130	20
	bis(2-Chloroethoxy)methane	50	44.7	ug/L	89	0			58	109	20
	2,4-Dichlorophenol	50	46.4	ug/L	93	0			66	115	20
	1,2,4-Trichlorobenzene	50	44.3	ug/L	89	0			41	115	20
	Benzoic acid	50	50	ug/L	100	1			10	125	20
	Naphthalene	50	43.1	ug/L	86	1			64	107	20
	4-Chloroaniline	50	15.6	ug/L	31	7			10	85	20
	Hexachlorobutadiene	50	44.7	ug/L	89	0			69	101	20
	Caprolactam	50	45.6	ug/L	91	4			58	128	20
	4-Chloro-3-methylphenol	50	46	ug/L	92	0			65	114	20
	2-Methylnaphthalene	50	44.9	ug/L	90	1			64	107	20
	Hexachlorocyclopentadiene	100	130	ug/L	130	0			36	160	20
	2,4,6-Trichlorophenol	50	48.9	ug/L	98	4			61	110	20
	2,4,5-Trichlorophenol	50	45.3	ug/L	91	0			70	106	20
	1,1-Biphenyl	50	46.4	ug/L	93	1			72	98	20
	2-Chloronaphthalene	50	44.5	ug/L	89	0			59	106	20
	2-Nitroaniline	50	45	ug/L	90	1			58	107	20
	Dimethylphthalate	50	47.3	ug/L	95	1			64	103	20
	Acenaphthylene	50	48.3	ug/L	97	1			65	108	20
	2,6-Dinitrotoluene	50	46.2	ug/L	92	1			64	110	20
	3-Nitroaniline	50	30.7	ug/L	61	4			28	100	20
	Acenaphthene	50	49	ug/L	98	0			59	113	20
	Total PAH	800	755	ug/L	94	0			59	113	20
	2,4-Dinitrophenol	100	100	ug/L	100	0			64	132	20
	4-Nitrophenol	100	80.4	ug/L	80	1			68	116	20
	Dibenzofuran	50	45.1	ug/L	90	1			65	106	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	93.8	ug/L	94	2			60	115	20
	2,4-Dinitrotoluene	50	47.6	ug/L	95	2			60	115	20
	Diethylphthalate	50	46.5	ug/L	93	1			63	105	20
	4-Chlorophenyl-phenylether	50	45.2	ug/L	90	2			61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF050924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB160815BSD	Fluorene	50	44.1	ug/L	88	1			64	107	20
	4-Nitroaniline	50	40.5	ug/L	81	0			69	112	20
	4,6-Dinitro-2-methylphenol	50	51.2	ug/L	102	1			62	132	20
	N-Nitrosodiphenylamine	50	47.3	ug/L	95	1			61	109	20
	Azobenzene	50	44.1	ug/L	88	1			59	106	20
	4-Bromophenyl-phenylether	50	47.5	ug/L	95	1			73	103	20
	Hexachlorobenzene	50	46.4	ug/L	93	0			73	106	20
	Atrazine	50	52.5	ug/L	105	0			76	120	20
	Pentachlorophenol	100	82.1	ug/L	82	1			47	114	20
	Phenanthrene	50	45.2	ug/L	90	1			62	109	20
	Anthracene	50	46	ug/L	92	1			65	110	20
	Carbazole	50	42.5	ug/L	85	1			62	106	20
	Di-n-butylphthalate	50	48.8	ug/L	98	0			64	106	20
	Fluoranthene	50	42	ug/L	84	1			64	110	20
	Benzidine	100	20.5	ug/L	21	6			10	94	20
	Pyrene	50	48.1	ug/L	96	1			71	103	20
	Butylbenzylphthalate	50	60.6	ug/L	121	0	*		61	105	20
	3,3-Dichlorobenzidine	50	34.7	ug/L	69	1			43	108	20
	Benzo(a)anthracene	50	47.5	ug/L	95	1			62	107	20
	Chrysene	50	47.2	ug/L	94	1			61	108	20
	bis(2-Ethylhexyl)phthalate	50	66	ug/L	132	0	*		59	110	20
	Di-n-octyl phthalate	50	69.8	ug/L	140	2	*		67	126	20
	Benzo(b)fluoranthene	50	48.4	ug/L	97	6			77	113	20
	Benzo(k)fluoranthene	50	46	ug/L	92	4			64	113	20
	Benzo(a)pyrene	50	50.3	ug/L	101	0			72	131	20
	Indeno(1,2,3-cd)pyrene	50	51.4	ug/L	103	1			72	105	20
	Dibenz(a,h)anthracene	50	52.4	ug/L	105	0			78	115	20
	Benzo(g,h,i)perylene	50	46	ug/L	92	2			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	46.5	ug/L	93	1			72	101	20
	1,4-Dioxane	50	32.3	ug/L	65	1			38	125	20
	2,3,4,6-Tetrachlorophenol	50	47.5	ug/L	95	4			63	116	20
	1-Methylnaphthalene	50	42.2	ug/L	84	0			51	114	20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160643BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF050924

SAS No.: BF050924 SDG NO.: BF050924

Lab File ID: BF137860.D

Lab Sample ID: PB160643BS

Instrument ID: BNA_F

Date Extracted: 05/01/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/09/2024

Level: (low/med) LOW

Time Analyzed: 12:22

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160643BS	PB160643BS	BF137860.D	05/09/2024

COMMENTS: _____



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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160779BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF050924

SAS No.: BF050924 SDG NO.: BF050924

Lab File ID: BF137859.D

Lab Sample ID: PB160779BL

Instrument ID: BNA_F

Date Extracted: 05/08/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/09/2024

Level: (low/med) LOW

Time Analyzed: 11:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:



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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160807BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF050924

SAS No.: BF050924 SDG NO.: BF050924

Lab File ID: BF137861.D

Lab Sample ID: PB160807BL

Instrument ID: BNA_F

Date Extracted: 05/09/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/09/2024

Level: (low/med) LOW

Time Analyzed: 13:39

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160815BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF050924

SAS No.: BF050924 SDG NO.: BF050924

Lab File ID: BF137862.D

Lab Sample ID: PB160815BL

Instrument ID: BNA_F

Date Extracted: 05/09/2024

Matrix: (soil/water) Water

Date Analyzed: 05/09/2024

Level: (low/med) LOW

Time Analyzed: 14:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160815BS	PB160815BS	BF137863.D	05/09/2024
PB160815BSD	PB160815BSD	BF137864.D	05/09/2024
A2295	P2410-01	BF137865.D	05/09/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WC-KK

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF050924

SAS No.: BF050924 SDG NO.: BF050924

Lab File ID: BF137866.D

Lab Sample ID: P2398-04

Instrument ID: BNA_F

Date Extracted: 05/09/2024

Matrix: (soil/water) water

Date Analyzed: 05/09/2024

Level: (low/med) LOW

Time Analyzed: 16:21

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WC-KK	P2398-04	BF137866.D	05/09/2024
WC-KKMS	P2398-04MS	BF137867.D	05/09/2024
WC-KKMSD	P2398-04MSD	BF137868.D	05/09/2024
WCS-TPA	P2411-04	BF137869.D	05/09/2024
WC-CC	P2413-04	BF137870.D	05/09/2024
WC-EE	P2413-08	BF137871.D	05/09/2024
1011UMR-SS004-0212-01	P2414-02	BF137872.D	05/09/2024
1011UMR-SS005-0212-01	P2415-02	BF137873.D	05/09/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF050924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2398-04MS		Client Sample ID: WC-KKMS		DataFile: BF137867.D							
n-Nitrosodimethylamine	500		340	ug/L	68				10	130	
Pyridine	500		270	ug/L	54				10	109	
Benzaldehyde	500		140	ug/L	28				10	137	
Aniline	500		240	ug/L	48				10	130	
Phenol	500		330	ug/L	66				10	130	
bis(2-Chloroethyl)ether	500		360	ug/L	72				29	141	
2-Chlorophenol	500		380	ug/L	76				23	127	
1,2-Dichlorobenzene	500		360	ug/L	72				61	114	
1,3-Dichlorobenzene	500		350	ug/L	70				65	106	
1,4-Dichlorobenzene	500		360	ug/L	72				55	125	
Benzyl Alcohol	500		400	ug/L	80				31	94	
2-Methylphenol	500		390	ug/L	78				23	132	
2,2-oxybis(1-Chloropropane)	500		340	ug/L	68				36	141	
Acetophenone	500		390	ug/L	78				31	164	
3+4-Methylphenols	500		380	ug/L	76				17	136	
N-Nitroso-di-n-propylamine	500		390	ug/L	78				36	147	
Hexachloroethane	500		350	ug/L	70				35	137	
Nitrobenzene	500		360	ug/L	72				40	134	
Isophorone	500		400	ug/L	80				39	146	
2-Nitrophenol	500		430	ug/L	86				30	148	
2,4-Dimethylphenol	500		420	ug/L	84				17	143	
bis(2-Chloroethoxy)methane	500		380	ug/L	76				39	143	
2,4-Dichlorophenol	500		400	ug/L	80				22	146	
1,2,4-Trichlorobenzene	500		370	ug/L	74				66	110	
Benzoic acid	500		420	ug/L	84				10	101	
Naphthalene	500		380	ug/L	76				17	157	
4-Chloroaniline	500		120	ug/L	24				10	95	
Hexachlorobutadiene	500		360	ug/L	72				52	125	
Caprolactam	500		390	ug/L	78				10	130	
4-Chloro-3-methylphenol	500		440	ug/L	88				17	148	
2-Methylnaphthalene	500		400	ug/L	80				38	146	
Hexachlorocyclopentadiene	1000		1000	ug/L	100				20	153	
2,4,6-Trichlorophenol	500		440	ug/L	88				46	139	
2,4,5-Trichlorophenol	500		440	ug/L	88				42	129	
1,1-Biphenyl	500		420	ug/L	84				38	154	
2-Chloronaphthalene	500		410	ug/L	82				41	145	
2-Nitroaniline	500		460	ug/L	92				39	151	
Dimethylphthalate	500		470	ug/L	94				42	147	
Acenaphthylene	500		470	ug/L	94				40	141	
2,6-Dinitrotoluene	500		460	ug/L	92				43	148	
3-Nitroaniline	500		280	ug/L	56				10	111	
Acenaphthene	500		470	ug/L	94				37	146	
Total PAH	8000		7130	ug/L	89				37	146	
2,4-Dinitrophenol	1000		930	ug/L	93				14	167	
4-Nitrophenol	1000		670	ug/L	67				10	130	
Dibenzofuran	500		440	ug/L	88				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF050924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		470	ug/L	94				40	151	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		930	ug/L	93				40	151	
Diethylphthalate	500		470	ug/L	94				41	148	
4-Chlorophenyl-phenylether	500		450	ug/L	90				38	149	
Fluorene	500		440	ug/L	88				39	144	
4-Nitroaniline	500		370	ug/L	74				27	138	
4,6-Dinitro-2-methylphenol	500		480	ug/L	96				32	175	
N-Nitrosodiphenylamine	500		490	ug/L	98				40	150	
Azobenzene	500		440	ug/L	88				72	112	
4-Bromophenyl-phenylether	500		480	ug/L	96				42	151	
Hexachlorobenzene	500		470	ug/L	94				60	129	
Atrazine	500		530	ug/L	106				20	162	
Pentachlorophenol	1000		780	ug/L	78				15	137	
Phenanthrene	500		460	ug/L	92				40	147	
Anthracene	500		470	ug/L	94				41	146	
Carbazole	500		410	ug/L	82				37	154	
Di-n-butylphthalate	500		490	ug/L	98				40	151	
Fluoranthene	500		380	ug/L	76				42	146	
Benzydine	1000		120	ug/L	12				10	130	
Pyrene	500		480	ug/L	96				41	149	
Butylbenzylphthalate	500		580	ug/L	116				39	155	
3,3-Dichlorobenzidine	500		360	ug/L	72				10	114	
Benzo(a)anthracene	500		460	ug/L	92				41	147	
Chrysene	500		470	ug/L	94				44	144	
bis(2-Ethylhexyl)phthalate	500		640	ug/L	128				33	160	
Di-n-octyl phthalate	500		720	ug/L	144				36	158	
Benzo(b)fluoranthene	500		430	ug/L	86				40	150	
Benzo(k)fluoranthene	500		450	ug/L	90				40	147	
Benzo(a)pyrene	500		480	ug/L	96				42	147	
Indeno(1,2,3-cd)pyrene	500		450	ug/L	90				30	166	
Dibenz(a,h)anthracene	500		450	ug/L	90				23	172	
Benzo(g,h,i)perylene	500		390	ug/L	78				27	167	
1,2,4,5-Tetrachlorobenzene	500		410	ug/L	82	*			89	102	
1,4-Dioxane	500		290	ug/L	58				38	130	
2,3,4,6-Tetrachlorophenol	500		450	ug/L	90	*			91	111	
1-Methylnaphthalene	500		380	ug/L	76				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF050924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2398-04MSD	Client Sample ID:	WC-KKMSD					DataFile:	BF137868.D		
n-Nitrosodimethylamine	500		390	ug/L	78		14		10	130	20
Pyridine	500		280	ug/L	56		4		10	109	20
Benzaldehyde	500		160	ug/L	32		13		10	137	20
Aniline	500		250	ug/L	50		4		10	130	20
Phenol	500		380	ug/L	76		14		10	130	20
bis(2-Chloroethyl)ether	500		420	ug/L	84		15		29	141	20
2-Chlorophenol	500		440	ug/L	88		15		23	127	20
1,2-Dichlorobenzene	500		410	ug/L	82		13		61	114	20
1,3-Dichlorobenzene	500		390	ug/L	78		11		65	106	20
1,4-Dichlorobenzene	500		400	ug/L	80		11		55	125	20
Benzyl Alcohol	500		460	ug/L	92		14		31	94	20
2-Methylphenol	500		450	ug/L	90		14		23	132	20
2,2-oxybis(1-Chloropropane)	500		380	ug/L	76		11		36	141	20
Acetophenone	500		430	ug/L	86		10		31	164	20
3+4-Methylphenols	500		420	ug/L	84		10		17	136	20
N-Nitroso-di-n-propylamine	500		430	ug/L	86		10		36	147	20
Hexachloroethane	500		400	ug/L	80		13		35	137	20
Nitrobenzene	500		400	ug/L	80		11		40	134	20
Isophorone	500		440	ug/L	88		10		39	146	20
2-Nitrophenol	500		480	ug/L	96		11		30	148	20
2,4-Dimethylphenol	500		460	ug/L	92		9		17	143	20
bis(2-Chloroethoxy)methane	500		430	ug/L	86		12		39	143	20
2,4-Dichlorophenol	500		460	ug/L	92		14		22	146	20
1,2,4-Trichlorobenzene	500		420	ug/L	84		13		66	110	20
Benzoic acid	500		440	ug/L	88		5		10	101	20
Naphthalene	500		420	ug/L	84		10		17	157	20
4-Chloroaniline	500		130	ug/L	26		8		10	95	20
Hexachlorobutadiene	500		400	ug/L	80		11		52	125	20
Caprolactam	500		410	ug/L	82		5		10	130	20
4-Chloro-3-methylphenol	500		460	ug/L	92		4		17	148	20
2-Methylnaphthalene	500		440	ug/L	88		10		38	146	20
Hexachlorocyclopentadiene	1000		1100	ug/L	110		10		20	153	20
2,4,6-Trichlorophenol	500		460	ug/L	92		4		46	139	20
2,4,5-Trichlorophenol	500		460	ug/L	92		4		42	129	20
1,1-Biphenyl	500		450	ug/L	90		7		38	154	20
2-Chloronaphthalene	500		440	ug/L	88		7		41	145	20
2-Nitroaniline	500		470	ug/L	94		2		39	151	20
Dimethylphthalate	500		480	ug/L	96		2		42	147	20
Acenaphthylene	500		480	ug/L	96		2		40	141	20
2,6-Dinitrotoluene	500		470	ug/L	94		2		43	148	20
3-Nitroaniline	500		310	ug/L	62		10		10	111	20
Acenaphthene	500		500	ug/L	100		6		37	146	20
Total PAH	8000		7480	ug/L	94		5		37	146	20
2,4-Dinitrophenol	1000		1000	ug/L	100		7		14	167	20
4-Nitrophenol	1000		700	ug/L	70		4		10	130	20
Dibenzofuran	500		460	ug/L	92		4		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF050924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		490	ug/L	98		4		40	151	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		960	ug/L	96		3		40	151	20
Diethylphthalate	500		490	ug/L	98		4		41	148	20
4-Chlorophenyl-phenylether	500		460	ug/L	92		2		38	149	20
Fluorene	500		460	ug/L	92		4		39	144	20
4-Nitroaniline	500		390	ug/L	78		5		27	138	20
4,6-Dinitro-2-methylphenol	500		540	ug/L	108		12		32	175	20
N-Nitrosodiphenylamine	500		510	ug/L	102		4		40	150	20
Azobenzene	500		450	ug/L	90		2		72	112	20
4-Bromophenyl-phenylether	500		500	ug/L	100		4		42	151	20
Hexachlorobenzene	500		490	ug/L	98		4		60	129	20
Atrazine	500		530	ug/L	106		0		20	162	20
Pentachlorophenol	1000		850	ug/L	85		9		15	137	20
Phenanthrene	500		480	ug/L	96		4		40	147	20
Anthracene	500		490	ug/L	98		4		41	146	20
Carbazole	500		430	ug/L	86		5		37	154	20
Di-n-butylphthalate	500		520	ug/L	104		6		40	151	20
Fluoranthene	500		390	ug/L	78		3		42	146	20
Benzidine	1000		170	ug/L	17		34	*	10	130	20
Pyrene	500		500	ug/L	100		4		41	149	20
Butylbenzylphthalate	500		610	ug/L	122		5		39	155	20
3,3-Dichlorobenzidine	500		440	ug/L	88		20		10	114	20
Benzo(a)anthracene	500		490	ug/L	98		6		41	147	20
Chrysene	500		500	ug/L	100		6		44	144	20
bis(2-Ethylhexyl)phthalate	500		680	ug/L	136		6		33	160	20
Di-n-octyl phthalate	500		770	ug/L	154		7		36	158	20
Benzo(b)fluoranthene	500		450	ug/L	90		5		40	150	20
Benzo(k)fluoranthene	500		470	ug/L	94		4		40	147	20
Benzo(a)pyrene	500		500	ug/L	100		4		42	147	20
Indeno(1,2,3-cd)pyrene	500		480	ug/L	96		6		30	166	20
Dibenz(a,h)anthracene	500		470	ug/L	94		4		23	172	20
Benzo(g,h,i)perylene	500		400	ug/L	80		3		27	167	20
1,2,4,5-Tetrachlorobenzene	500		450	ug/L	90		9		89	102	20
1,4-Dioxane	500		330	ug/L	66		13		38	130	20
2,3,4,6-Tetrachlorophenol	500		470	ug/L	94		4		91	111	20
1-Methylnaphthalene	500		420	ug/L	84		10		25	151	20



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

Surrogate Summary

SW-846

SDG No.: BF050924

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160643BS	PB160643BS	BF137860.D	2-Fluorophenol	150	123.00	82		18	112
			Phenol-d6	150	120.94	81		15	107
			Nitrobenzene-d5	100	82.85	83		18	107
			2-Fluorobiphenyl	100	86.03	86		20	109
			2,4,6-Tribromophenol	150	134.38	90		10	110
			Terphenyl-d14	100	97.48	97		14	112



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

Surrogate Summary

SW-846

SDG No.: BF050924

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160779BL	PB160779BL	BF137859.D	2-Fluorophenol	150	130.93	87		18	112
			Phenol-d6	150	126.36	84		15	107
			Nitrobenzene-d5	100	87.60	88		18	107
			2-Fluorobiphenyl	100	87.41	87		20	109
			2,4,6-Tribromophenol	150	140.33	94		10	110
			Terphenyl-d14	100	89.54	90		14	112



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

Surrogate Summary

SW-846

SDG No.: BF050924

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160807BL	PB160807BL	BF137861.D	2-Fluorophenol	150	131.06	87		18	112
			Phenol-d6	150	126.48	84		15	107
			Nitrobenzene-d5	100	86.36	86		18	107
			2-Fluorobiphenyl	100	87.51	88		20	109
			2,4,6-Tribromophenol	150	136.91	91		10	110
			Terphenyl-d14	100	90.99	91		14	112

Surrogate Summary

SW-846

SDG No.: **BF050924**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2410-01	A2295	BF137865.D	2-Fluorophenol	150	48.44	32		10	139
			Phenol-d6	150	30.47	20		10	134
			Nitrobenzene-d5	100	72.09	72		49	133
			2-Fluorobiphenyl	100	74.57	75		52	132
			2,4,6-Tribromophenol	150	132.32	88		32	145
			Terphenyl-d14	100	100.80	101		36	145
PB160815BL	PB160815BL	BF137862.D	2-Fluorophenol	150	131.55	88		10	139
			Phenol-d6	150	127.35	85		10	134
			Nitrobenzene-d5	100	87.38	87		49	133
			2-Fluorobiphenyl	100	85.58	86		52	132
			2,4,6-Tribromophenol	150	135.87	91		32	145
			Terphenyl-d14	100	92.49	92		36	145
PB160815BS	PB160815BS	BF137863.D	2-Fluorophenol	150	122.38	82		10	139
			Phenol-d6	150	121.41	81		10	134
			Nitrobenzene-d5	100	82.72	83		49	133
			2-Fluorobiphenyl	100	84.49	84		52	132
			2,4,6-Tribromophenol	150	131.67	88		32	145
			Terphenyl-d14	100	97.05	97		36	145
PB160815BSD	PB160815BSD	BF137864.D	2-Fluorophenol	150	121.40	81		10	139
			Phenol-d6	150	119.99	80		10	134
			Nitrobenzene-d5	100	82.86	83		49	133
			2-Fluorobiphenyl	100	86.09	86		52	132
			2,4,6-Tribromophenol	150	133.03	89		32	145
			Terphenyl-d14	100	96.38	96		36	145

Surrogate Summary

SW-846

SDG No.: **BF050924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2398-04	WC-KK	BF137866.D	2-Fluorophenol	150	101.49	68		10	139
			Phenol-d6	150	92.56	62		10	134
			Nitrobenzene-d5	100	74.79	75		49	133
			2-Fluorobiphenyl	100	76.16	76		52	132
			2,4,6-Tribromophenol	150	127.93	85		32	145
			Terphenyl-d14	100	109.45	109		36	145
P2398-04MS	WC-KKMS	BF137867.D	2-Fluorophenol	150	102.56	68		10	139
			Phenol-d6	150	96.81	65		10	134
			Nitrobenzene-d5	100	75.11	75		49	133
			2-Fluorobiphenyl	100	82.00	82		52	132
			2,4,6-Tribromophenol	150	133.30	89		32	145
			Terphenyl-d14	100	97.02	97		36	145
P2398-04MSD	WC-KKMSD	BF137868.D	2-Fluorophenol	150	117.08	78		10	139
			Phenol-d6	150	109.65	73		10	134
			Nitrobenzene-d5	100	85.33	85		49	133
			2-Fluorobiphenyl	100	87.99	88		52	132
			2,4,6-Tribromophenol	150	141.09	94		32	145
			Terphenyl-d14	100	101.70	102		36	145
P2411-04	WCS-TPA	BF137869.D	2-Fluorophenol	150	94.92	63		10	139
			Phenol-d6	150	86.15	57		10	134
			Nitrobenzene-d5	100	72.52	73		49	133
			2-Fluorobiphenyl	100	74.64	75		52	132
			2,4,6-Tribromophenol	150	121.40	81		32	145
			Terphenyl-d14	100	100.85	101		36	145
P2413-04	WC-CC	BF137870.D	2-Fluorophenol	150	112.10	75		10	139
			Phenol-d6	150	101.76	68		10	134
			Nitrobenzene-d5	100	84.68	85		49	133
			2-Fluorobiphenyl	100	82.78	83		52	132
			2,4,6-Tribromophenol	150	124.67	83		32	145
			Terphenyl-d14	100	99.38	99		36	145
P2413-08	WC-EE	BF137871.D	2-Fluorophenol	150	111.88	75		10	139
			Phenol-d6	150	102.42	68		10	134
			Nitrobenzene-d5	100	81.55	82		49	133
			2-Fluorobiphenyl	100	82.43	82		52	132
			2,4,6-Tribromophenol	150	125.48	84		32	145
			Terphenyl-d14	100	98.24	98		36	145
P2414-02	1011UMR-SS004-0	BF137872.D	2-Fluorophenol	150	114.84	77		10	139
			Phenol-d6	150	105.13	70		10	134
			Nitrobenzene-d5	100	81.84	82		49	133
			2-Fluorobiphenyl	100	83.24	83		52	132
			2,4,6-Tribromophenol	150	130.25	87		32	145
			Terphenyl-d14	100	108.96	109		36	145
P2415-02	1011UMR-SS005-0	BF137873.D	2-Fluorophenol	150	114.83	77		10	139
			Phenol-d6	150	104.83	70		10	134
			Nitrobenzene-d5	100	83.40	83		49	133
			2-Fluorobiphenyl	100	84.66	85		52	132
			2,4,6-Tribromophenol	150	129.40	86		32	145
			Terphenyl-d14	100	104.16	104		36	145

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF050924

Lab Code: CHEM

SAS No.: BF050924

SDG NO.: BF050924

Lab File ID: BF137857.D

DFTPP Injection Date: 05/09/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:51

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.9
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	31.9
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	44.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	28.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.8
442	Greater than 50% of mass 198	93.7
443	15.0 - 24.0% of mass 442	17.6 (18.8) 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	BF137858.D	05/09/2024	11:21
PB160779BL	PB160779BL	BF137859.D	05/09/2024	11:52
PB160643BS	PB160643BS	BF137860.D	05/09/2024	12:22
PB160807BL	PB160807BL	BF137861.D	05/09/2024	13:39
PB160815BL	PB160815BL	BF137862.D	05/09/2024	14:12
PB160815BS	PB160815BS	BF137863.D	05/09/2024	14:43
PB160815BSD	PB160815BSD	BF137864.D	05/09/2024	15:14
A2295	P2410-01	BF137865.D	05/09/2024	15:50
WC-KK	P2398-04	BF137866.D	05/09/2024	16:21
WC-KKMS	P2398-04MS	BF137867.D	05/09/2024	16:52
WC-KKMSD	P2398-04MSD	BF137868.D	05/09/2024	17:24
WCS-TPA	P2411-04	BF137869.D	05/09/2024	17:55
WC-CC	P2413-04	BF137870.D	05/09/2024	18:27
WC-EE	P2413-08	BF137871.D	05/09/2024	18:59
1011UMR-SS004-0212-01	P2414-02	BF137872.D	05/09/2024	19:30
1011UMR-SS005-0212-01	P2415-02	BF137873.D	05/09/2024	20:01