

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF062024 SAS No.: BF062024 SDG No.: BF062024

Instrument ID: BNA_F Calibration Date/Time: 6/20/2024 11:45

Lab File ID: BF138259.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	0.602	0.554		-7.973	
Pyridine	1.300	1.232		-5.231	
2-Fluorophenol	1.196	1.121		-6.271	
Benzaldehyde	0.805	0.841		4.472	
Aniline	1.483	1.382		-6.811	
Phenol-d6	1.516	1.405		-7.322	
Phenol	1.539	1.479		-3.899	20.0
bis(2-Chloroethyl)ether	1.231	1.163		-5.524	
2-Chlorophenol	1.293	1.224		-5.336	
1,2-Dichlorobenzene	1.388	1.267		-8.718	
1,3-Dichlorobenzene	1.469	1.361		-7.352	
1,4-Dichlorobenzene	1.478	1.366		-7.578	20.0
Benzyl Alcohol	1.022	0.997		-2.446	
2-Methylphenol	1.020	0.983		-3.627	
2,2-oxybis(1-Chloropropane)	1.738	1.570		-9.666	
Acetophenone	0.457	0.394		-13.786	
3+4-Methylphenols	1.284	1.154		-10.125	
n-Nitroso-di-n-propylamine	0.899	0.807	0.050	-10.234	
Nitrobenzene-d5	0.344	0.329		-4.36	
Hexachloroethane	0.501	0.491		-1.996	
Nitrobenzene	0.355	0.333		-6.197	
Isophorone	0.621	0.582		-6.28	
2-Nitrophenol	0.143	0.178		24.476	20.0
2,4-Dimethylphenol	0.217	0.204		-5.991	
bis(2-Chloroethoxy)methane	0.389	0.364		-6.427	
2,4-Dichlorophenol	0.280	0.267		-4.643	20.0
1,2,4-Trichlorobenzene	0.330	0.305		-7.576	
Benzoic acid	0.191	0.231		20.942	
Naphthalene	0.989	0.893		-9.707	
4-Chloroaniline	0.370	0.338		-8.649	
Hexachlorobutadiene	0.193	0.180		-6.736	20.0
Caprolactam	0.084	0.086		2.381	
4-Chloro-3-methylphenol	0.278	0.271		-2.518	20.0
2-Methylnaphthalene	0.649	0.582		-10.324	
Hexachlorocyclopentadiene	0.191	0.210	0.050	9.948	
2,4,6-Trichlorophenol	0.366	0.359		-1.913	20.0
2-Fluorobiphenyl	1.258	1.041		-17.25	
2,4,5-Trichlorophenol	0.402	0.395		-1.741	
1,1-Biphenyl	1.468	1.306		-11.035	

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Lab File ID: BF138259.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	1.160	1.054		-9.138	
2-Nitroaniline	0.279	0.300		7.527	
Dimethylphthalate	1.225	1.187		-3.102	
Acenaphthylene	1.626	1.467		-9.779	
2,6-Dinitrotoluene	0.266	0.290		9.023	
3-Nitroaniline	0.284	0.298		4.93	
Acenaphthene	1.109	1.020		-8.025	20.0
2,4-Dinitrophenol	0.104	0.150	0.050	44.231	
4-Nitrophenol	0.224	0.233	0.050	4.018	
Dibenzofuran	1.550	1.393		-10.129	
2,4-Dinitrotoluene	0.328	0.388		18.293	
Diethylphthalate	1.163	1.159		-0.344	
4-Chlorophenyl-phenylether	0.607	0.555		-8.567	
Fluorene	1.219	1.076		-11.731	
4-Nitroaniline	0.284	0.291		2.465	
4,6-Dinitro-2-methylphenol	0.090	0.120		33.333	
n-Nitrosodiphenylamine	0.612	0.556		-9.15	20.0
Azobenzene	1.165	1.073		-7.897	
2,4,6-Tribromophenol	0.199	0.199		0.0	
4-Bromophenyl-phenylether	0.225	0.213		-5.333	
Hexachlorobenzene	0.263	0.243		-7.605	
Atrazine	0.174	0.154		-11.494	
Pentachlorophenol	0.153	0.154		0.654	20.0
Phenanthrene	0.989	0.875		-11.527	
Anthracene	0.982	0.880		-10.387	
Carbazole	0.901	0.800		-11.21	
Di-n-butylphthalate	0.932	0.947		1.609	
Fluoranthene	1.009	0.901		-10.704	20.0
Benzidine	0.231	0.460		99.134	
Pyrene	1.725	1.666		-3.42	
Terphenyl-d14	1.263	1.202		-4.83	
Butylbenzylphthalate	0.469	0.594		26.652	
3,3-Dichlorobenzidine	0.353	0.404		14.448	
Benzo(a)anthracene	1.283	1.185		-7.638	
Chrysene	1.223	1.137		-7.032	
Bis(2-ethylhexyl)phthalate	0.546	0.717		31.319	
Di-n-octyl phthalate	0.811	1.158		42.787	20.0
Benzo(b)fluoranthene	1.179	1.145		-2.884	
Benzo(k)fluoranthene	1.156	0.963		-16.696	

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Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BF062024 SAS No.: BF062024 SDG No.: BF062024
 Instrument ID: BNA_F Calibration Date/Time: 6/20/2024 11:45
 Lab File ID: BF138259.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	1.013	0.959		-5.331	20.0
Indeno(1,2,3-cd)pyrene	1.304	1.360		4.294	
Dibenzo(a,h)anthracene	1.070	1.126		5.234	
Benzo(g,h,i)perylene	1.107	1.155		4.336	
1,2,4,5-Tetrachlorobenzene	0.584	0.534		-8.562	
1,4-Dioxane	0.547	0.515		-5.85	20.0
2,3,4,6-Tetrachlorophenol	0.314	0.307		-2.229	
1-Methylnaphthalene	0.636	0.576		-9.434	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	PB161578BL	SDG No.:	BF062024
Lab Sample ID:	PB161578BL	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
BF138260.D	1	6/19/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161578

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

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	PB161578BL	SDG No.:	BF062024
Lab Sample ID:	PB161578BL	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
BF138260.D	1	6/19/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161578

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

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	PB161578BL	SDG No.:	BF062024
Lab Sample ID:	PB161578BL	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
BF138260.D	1	6/19/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161578

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	108.823		10-139		73	SPK: -150
13127-88-3	Phenol-d6	108.693		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	77.264		49-133		77	SPK: -100
321-60-8	2-Fluorobiphenyl	69.171		52-132		69	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	PB161578BL	SDG No.:	BF062024
Lab Sample ID:	PB161578BL	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
BF138260.D	1	6/19/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161578

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	119.231		32-145		79	SPK: -150
1718-51-0	Terphenyl-d14	69.77		36-145		70	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	346334	6.887				
1146-65-2	Naphthalene-d8	1363337	8.163				
15067-26-2	Acenaphthene-d10	760146	9.922				
1517-22-2	Phenanthrene-d10	1385016	11.404				
1719-03-5	Chrysene-d12	895871	14.045				
1520-96-3	Perylene-d12	771260	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2.2	J			2.263	
017348-59-3	Propane, 2-methyl-2-(1-methylethox	5	J			5.134	

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	PB161578BS	SDG No.:	BF062024
Lab Sample ID:	PB161578BS	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
BF138261.D	1	6/19/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161578

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	40.3		1	8	10	ug/L
110-86-1	Pyridine	29.7		1.6	4	5	ug/L
100-52-7	Benzaldehyde	29.3		4	8	10	ug/L
62-53-3	Aniline	23.3		1.6	4	5	ug/L
108-95-2	Phenol	40.4		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.6		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	43.7		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	39.8		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	38.1		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	38.5		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	44.7		1.6	8	10	ug/L
95-48-7	2-Methylphenol	42.6		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39.5		1.4	4	5	ug/L
98-86-2	Acetophenone	38.6		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	38.8		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	40.8		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	41.4		1	4	5	ug/L
98-95-3	Nitrobenzene	39.2		1.3	4	5	ug/L
78-59-1	Isophorone	41.7		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	54.6		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	43.8		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	40.9		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	41.4		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	39.2		1.1	4	5	ug/L
65-85-0	Benzoic acid	50.8		5.5	8	10	ug/L
91-20-3	Naphthalene	38.4		1	4	5	ug/L
106-47-8	4-Chloroaniline	22.9		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	38.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	PB161578BS	SDG No.:	BF062024
Lab Sample ID:	PB161578BS	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
BF138261.D	1	6/19/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161578

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	45.4		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	42.7		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	39.3		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	99.4	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	43.4		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	41.8		1	4	5	ug/L
92-52-4	1,1-Biphenyl	37.9		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	38.6		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	47.8		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	42.6		0.93	4	5	ug/L
208-96-8	Acenaphthylene	41.4		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	46.7		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	34.2		1.4	4	5	ug/L
83-32-9	Acenaphthene	43		0.81	4	5	ug/L
Total PAH	Total PAH	707.5		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	98	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	91.1	E	2	8	10	ug/L
132-64-9	Dibenzofuran	39.4		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	96.7		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	50		1.5	4	5	ug/L
84-66-2	Diethylphthalate	42.3		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	39		0.98	4	5	ug/L
86-73-7	Fluorene	37.6		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	39.6		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	54.1		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	40.8		0.89	4	5	ug/L
103-33-3	Azobenzene	40.2		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	41.7		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	40.4		1.1	4	5	ug/L
1912-24-9	Atrazine	44.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	PB161578BS	SDG No.:	BF062024
Lab Sample ID:	PB161578BS	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
BF138261.D	1	6/19/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161578

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2		1.9	8	10	ug/L
85-01-8	Phenanthrene	39.9		0.89	4	5	ug/L
120-12-7	Anthracene	39.7		1.1	4	5	ug/L
86-74-8	Carbazole	38.2		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	43		1.5	4	5	ug/L
206-44-0	Fluoranthene	37.6		1.3	4	5	ug/L
92-87-5	Benzidine	9.3	J	4.1	8	10	ug/L
129-00-0	Pyrene	42.1		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	55.8		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	42.9		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	42.2		0.94	4	5	ug/L
218-01-9	Chrysene	42.8		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	60		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	69.3		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	46.7		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	46.2		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	50.4		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	54		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	54.3		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	51.2		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	39.6		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	29.7		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	43.5		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	37.3		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	110.238		10-139		73	SPK: -150
13127-88-3	Phenol-d6	109.612		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	77.196		49-133		77	SPK: -100
321-60-8	2-Fluorobiphenyl	68.576		52-132		69	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	PB161578BS	SDG No.:	BF062024
Lab Sample ID:	PB161578BS	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
BF138261.D	1	6/19/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161578

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	117.087		32-145		78	SPK: -150
1718-51-0	Terphenyl-d14	78.463		36-145		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	390597	6.887				
1146-65-2	Naphthalene-d8	1555959	8.169				
15067-26-2	Acenaphthene-d10	848626	9.928				
1517-22-2	Phenanthrene-d10	1439618	11.41				
1719-03-5	Chrysene-d12	749833	14.051				
1520-96-3	Perylene-d12	751342	15.521				

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	PB161578BSD	SDG No.:	BF062024
Lab Sample ID:	PB161578BSD	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
BF138262.D	1	6/19/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161578

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	40.6		1	8	10	ug/L
110-86-1	Pyridine	30.5		1.6	4	5	ug/L
100-52-7	Benzaldehyde	29		4	8	10	ug/L
62-53-3	Aniline	23.4		1.6	4	5	ug/L
108-95-2	Phenol	41.4		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.9		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	44.5		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	40		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	38.2		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	38.6		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	45.9		1.6	8	10	ug/L
95-48-7	2-Methylphenol	43.4		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39.6		1.4	4	5	ug/L
98-86-2	Acetophenone	38.7		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	39		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	41.2		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	41.4		1	4	5	ug/L
98-95-3	Nitrobenzene	39.4		1.3	4	5	ug/L
78-59-1	Isophorone	42.5		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	55.5		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	44.8		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41.5		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	42.3		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	39.6		1.1	4	5	ug/L
65-85-0	Benzoic acid	54.1		5.5	8	10	ug/L
91-20-3	Naphthalene	38.3		1	4	5	ug/L
106-47-8	4-Chloroaniline	21.9		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	38.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	PB161578BSD	SDG No.:	BF062024
Lab Sample ID:	PB161578BSD	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
BF138262.D	1	6/19/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161578

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	44.8		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	43.1		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	38.8		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	97.8	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	44.8		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	42		1	4	5	ug/L
92-52-4	1,1-Biphenyl	37.9		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	38.6		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	49.4		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	42.9		0.93	4	5	ug/L
208-96-8	Acenaphthylene	41.1		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	46.9		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	34.3		1.4	4	5	ug/L
83-32-9	Acenaphthene	43.3		0.81	4	5	ug/L
Total PAH	Total PAH	705.3		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	98.2	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	90.7	E	2	8	10	ug/L
132-64-9	Dibenzofuran	39		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	96.9		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	50		1.5	4	5	ug/L
84-66-2	Diethylphthalate	42.9		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	38.5		0.98	4	5	ug/L
86-73-7	Fluorene	37.4		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	40.7		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	54		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	40.4		0.89	4	5	ug/L
103-33-3	Azobenzene	40.6		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	41.6		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	40.4		1.1	4	5	ug/L
1912-24-9	Atrazine	46.3		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	PB161578BSD	SDG No.:	BF062024
Lab Sample ID:	PB161578BSD	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
BF138262.D	1	6/19/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161578

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77		1.9	8	10	ug/L
85-01-8	Phenanthrene	39.2		0.89	4	5	ug/L
120-12-7	Anthracene	38.8		1.1	4	5	ug/L
86-74-8	Carbazole	37.9		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	43.7		1.5	4	5	ug/L
206-44-0	Fluoranthene	37.2		1.3	4	5	ug/L
92-87-5	Benzidine	7.5	J	4.1	8	10	ug/L
129-00-0	Pyrene	42.6		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	58.4		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	42.2		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	41.7		0.94	4	5	ug/L
218-01-9	Chrysene	42.2		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	60.8		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	66.1		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	48		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	47.8		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	50.9		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	53		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	53.6		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	50.2		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	39.5		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	29.5		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	44.1		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	37.2		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	111.044		10-139		74	SPK: -150
13127-88-3	Phenol-d6	110.551		10-134		74	SPK: -150
4165-60-0	Nitrobenzene-d5	78.396		49-133		78	SPK: -100
321-60-8	2-Fluorobiphenyl	68.289		52-132		68	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	PB161578BSD	SDG No.:	BF062024
Lab Sample ID:	PB161578BSD	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
BF138262.D	1	6/19/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161578

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	119.383		32-145		80	SPK: -150
1718-51-0	Terphenyl-d14	80.952		36-145		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	434190	6.887				
1146-65-2	Naphthalene-d8	1739204	8.169				
15067-26-2	Acenaphthene-d10	951710	9.928				
1517-22-2	Phenanthrene-d10	1639545	11.41				
1719-03-5	Chrysene-d12	832700	14.051				
1520-96-3	Perylene-d12	770301	15.521				

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	PB161609BL	SDG No.:	BF062024
Lab Sample ID:	PB161609BL	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
BF138263.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

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

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	PB161609BL	SDG No.:	BF062024
Lab Sample ID:	PB161609BL	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
BF138263.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

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

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	PB161609BL	SDG No.:	BF062024
Lab Sample ID:	PB161609BL	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
BF138263.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

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	109.779		10-139		73	SPK: -150
13127-88-3	Phenol-d6	107.538		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	77.004		49-133		77	SPK: -100
321-60-8	2-Fluorobiphenyl	69.586		52-132		70	SPK: -100

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	PB161609BL	SDG No.:	BF062024
Lab Sample ID:	PB161609BL	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
BF138263.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	117.545		32-145		78	SPK: -150
1718-51-0	Terphenyl-d14	67.085		36-145		67	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	364706	6.887				
1146-65-2	Naphthalene-d8	1440272	8.163				
15067-26-2	Acenaphthene-d10	804846	9.922				
1517-22-2	Phenanthrene-d10	1466012	11.41				
1719-03-5	Chrysene-d12	1022423	14.045				
1520-96-3	Perylene-d12	865320	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2.2	J			2.275	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.9	A			5.134	

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	PB161609BS	SDG No.:	BF062024
Lab Sample ID:	PB161609BS	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
BF138264.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	40.7		1	8	10	ug/L
110-86-1	Pyridine	29.7		1.6	4	5	ug/L
100-52-7	Benzaldehyde	29.1		4	8	10	ug/L
62-53-3	Aniline	22.8		1.6	4	5	ug/L
108-95-2	Phenol	41		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.5		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	44.1		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	40.3		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	38.4		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	38.9		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	45.1		1.6	8	10	ug/L
95-48-7	2-Methylphenol	43.1		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	40.1		1.4	4	5	ug/L
98-86-2	Acetophenone	38.9		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	38.9		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	41.4		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	41.8		1	4	5	ug/L
98-95-3	Nitrobenzene	39.7		1.3	4	5	ug/L
78-59-1	Isophorone	42		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	54.6		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	44.6		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41.6		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	42.3		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	39.7		1.1	4	5	ug/L
65-85-0	Benzoic acid	52.6		5.5	8	10	ug/L
91-20-3	Naphthalene	38.8		1	4	5	ug/L
106-47-8	4-Chloroaniline	21.6		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	38.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	PB161609BS	SDG No.:	BF062024
Lab Sample ID:	PB161609BS	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
BF138264.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	46.3		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	43.2		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	39.4		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	97.7	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	44		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	41.7		1	4	5	ug/L
92-52-4	1,1-Biphenyl	38.5		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	38.8		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	48.5		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	42.9		0.93	4	5	ug/L
208-96-8	Acenaphthylene	41.5		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	47.5		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	35.3		1.4	4	5	ug/L
83-32-9	Acenaphthene	43.6		0.81	4	5	ug/L
Total PAH	Total PAH	710		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	96.7	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	93	E	2	8	10	ug/L
132-64-9	Dibenzofuran	39.8		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	51.1		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	98.6		2.7	4	10	ug/L
84-66-2	Diethylphthalate	42.5		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	38.6		0.98	4	5	ug/L
86-73-7	Fluorene	37.7		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	40.7		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	53.4		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	40.6		0.89	4	5	ug/L
103-33-3	Azobenzene	40.6		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	41.6		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	40.7		1.1	4	5	ug/L
1912-24-9	Atrazine	45.8		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	PB161609BS	SDG No.:	BF062024
Lab Sample ID:	PB161609BS	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
BF138264.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	78.7		1.9	8	10	ug/L
85-01-8	Phenanthrene	39.3		0.89	4	5	ug/L
120-12-7	Anthracene	39.4		1.1	4	5	ug/L
86-74-8	Carbazole	39		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	43.8		1.5	4	5	ug/L
206-44-0	Fluoranthene	39		1.3	4	5	ug/L
92-87-5	Benzidine	8.2	J	4.1	8	10	ug/L
129-00-0	Pyrene	43.5		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	58.1		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	42.8		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	42.5		0.94	4	5	ug/L
218-01-9	Chrysene	42.2		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	59.5		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	65.3		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	47		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	46.6		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	50.8		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	53.7		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	54.1		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	50.3		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	39.4		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	30.1		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	44.1		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	37.6		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	110.508		10-139		74	SPK: -150
13127-88-3	Phenol-d6	109.995		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	78.676		49-133		79	SPK: -100
321-60-8	2-Fluorobiphenyl	68.557		52-132		69	SPK: -100

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	PB161609BS	SDG No.:	BF062024
Lab Sample ID:	PB161609BS	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
BF138264.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	120.362		32-145		80	SPK: -150
1718-51-0	Terphenyl-d14	79.945		36-145		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	402960	6.887				
1146-65-2	Naphthalene-d8	1611109	8.169				
15067-26-2	Acenaphthene-d10	888810	9.928				
1517-22-2	Phenanthrene-d10	1529173	11.41				
1719-03-5	Chrysene-d12	801578	14.051				
1520-96-3	Perylene-d12	769413	15.521				

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPE	SDG No.:	BF062024
Lab Sample ID:	P2930-04	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
BF138265.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

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

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPE	SDG No.:	BF062024
Lab Sample ID:	P2930-04	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
BF138265.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

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

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPE	SDG No.:	BF062024
Lab Sample ID:	P2930-04	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
BF138265.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

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	109.3		10-139		73	SPK: -150
13127-88-3	Phenol-d6	100.599		10-134		67	SPK: -150
4165-60-0	Nitrobenzene-d5	81.718		49-133		82	SPK: -100
321-60-8	2-Fluorobiphenyl	73.084		52-132		73	SPK: -100

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPE	SDG No.:	BF062024
Lab Sample ID:	P2930-04	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
BF138265.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	129.22		32-145		86	SPK: -150
1718-51-0	Terphenyl-d14	87.252		36-145		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	328055	6.887				
1146-65-2	Naphthalene-d8	1300465	8.163				
15067-26-2	Acenaphthene-d10	737123	9.922				
1517-22-2	Phenanthrene-d10	1251767	11.404				
1719-03-5	Chrysene-d12	622261	14.039				
1520-96-3	Perylene-d12	604214	15.515				

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPEMS	SDG No.:	BF062024
Lab Sample ID:	P2930-04MS	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
BF138266.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	430		10.3	80	100	ug/L
110-86-1	Pyridine	360		15.5	40	50	ug/L
100-52-7	Benzaldehyde	110		40	80	100	ug/L
62-53-3	Aniline	320		16	40	50	ug/L
108-95-2	Phenol	430		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	460		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	480		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	430		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	420		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	420		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	490		16	80	100	ug/L
95-48-7	2-Methylphenol	470		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	440		13.5	40	50	ug/L
98-86-2	Acetophenone	400		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	440		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	460		14.8	25	25	ug/L
67-72-1	Hexachloroethane	450		10.1	40	50	ug/L
98-95-3	Nitrobenzene	440		12.7	40	50	ug/L
78-59-1	Isophorone	470		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	600		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	510		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	470		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	480		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	440		11	40	50	ug/L
65-85-0	Benzoic acid	460		54.7	80	100	ug/L
91-20-3	Naphthalene	430		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	200		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	430		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPEMS	SDG No.:	BF062024
Lab Sample ID:	P2930-04MS	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
BF138266.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	430		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	490		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	450		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1200	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	500		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	490		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	430		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	450		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	550		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	510		9.3	40	50	ug/L
208-96-8	Acenaphthylene	490		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	540		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	270		13.7	40	50	ug/L
83-32-9	Acenaphthene	500		8.1	40	50	ug/L
Total PAH	Total PAH	7520		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	970	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	840	E	20	80	100	ug/L
132-64-9	Dibenzofuran	460		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	580		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	120		27.6	40	100	ug/L
84-66-2	Diethylphthalate	510		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	450		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	600		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	500		8.9	40	50	ug/L
103-33-3	Azobenzene	470		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	510		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:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPEMS	SDG No.:	BF062024
Lab Sample ID:	P2930-04MS	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
BF138266.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	890	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	440		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	530		14.7	40	50	ug/L
206-44-0	Fluoranthene	420		12.9	40	50	ug/L
92-87-5	Benzidine	540		40.7	80	100	ug/L
129-00-0	Pyrene	460		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	650		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	430		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	500		9.4	40	50	ug/L
218-01-9	Chrysene	510		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	760		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	910	E	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	480		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	520		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	470		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	460		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	420		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	420		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	370		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	520		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	430		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	113.141		10-139		75	SPK: -150
13127-88-3	Phenol-d6	106.385		10-134		71	SPK: -150
4165-60-0	Nitrobenzene-d5	83.411		49-133		83	SPK: -100
321-60-8	2-Fluorobiphenyl	78.354		52-132		78	SPK: -100

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPEMS	SDG No.:	BF062024
Lab Sample ID:	P2930-04MS	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
BF138266.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	128.648		32-145		86	SPK: -150
1718-51-0	Terphenyl-d14	83.696		36-145		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	289767	6.887				
1146-65-2	Naphthalene-d8	1132707	8.169				
15067-26-2	Acenaphthene-d10	618512	9.922				
1517-22-2	Phenanthrene-d10	1006776	11.41				
1719-03-5	Chrysene-d12	533470	14.045				
1520-96-3	Perylene-d12	682285	15.515				

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPEMSD	SDG No.:	BF062024
Lab Sample ID:	P2930-04MSD	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
BF138267.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	440		10.3	80	100	ug/L
110-86-1	Pyridine	360		15.5	40	50	ug/L
100-52-7	Benzaldehyde	120		40	80	100	ug/L
62-53-3	Aniline	280		16	40	50	ug/L
108-95-2	Phenol	430		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	490		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	480		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	430		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	420		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	420		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	500		16	80	100	ug/L
95-48-7	2-Methylphenol	470		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	440		13.5	40	50	ug/L
98-86-2	Acetophenone	400		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	430		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	460		14.8	25	25	ug/L
67-72-1	Hexachloroethane	450		10.1	40	50	ug/L
98-95-3	Nitrobenzene	440		12.7	40	50	ug/L
78-59-1	Isophorone	470		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	590		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	510		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	470		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	470		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	430		11	40	50	ug/L
65-85-0	Benzoic acid	440		54.7	80	100	ug/L
91-20-3	Naphthalene	430		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	180		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	420		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPEMSD	SDG No.:	BF062024
Lab Sample ID:	P2930-04MSD	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
BF138267.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	430		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	480		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	450		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1200	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	500		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	490		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	430		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	450		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	540		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	500		9.3	40	50	ug/L
208-96-8	Acenaphthylene	490		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	530		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	250		13.7	40	50	ug/L
83-32-9	Acenaphthene	490		8.1	40	50	ug/L
Total PAH	Total PAH	7430		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	810	E	20	80	100	ug/L
132-64-9	Dibenzofuran	450		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	100		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	570		15.2	40	50	ug/L
84-66-2	Diethylphthalate	490		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	450		9.8	40	50	ug/L
86-73-7	Fluorene	430		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	440		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	580		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	500		8.9	40	50	ug/L
103-33-3	Azobenzene	460		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	510		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	490		11.4	40	50	ug/L
1912-24-9	Atrazine	540		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPEMSD	SDG No.:	BF062024
Lab Sample ID:	P2930-04MSD	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
BF138267.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	870	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	470		8.9	40	50	ug/L
120-12-7	Anthracene	480		10.7	40	50	ug/L
86-74-8	Carbazole	440		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	520		14.7	40	50	ug/L
206-44-0	Fluoranthene	410		12.9	40	50	ug/L
92-87-5	Benzidine	610		40.7	80	100	ug/L
129-00-0	Pyrene	450		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	660		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	430		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	500		9.4	40	50	ug/L
218-01-9	Chrysene	500		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	770		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	940	E	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	480		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	520		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	460		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	400		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	430		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	360		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	500		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	420		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	112.808		10-139		75	SPK: -150
13127-88-3	Phenol-d6	106.337		10-134		71	SPK: -150
4165-60-0	Nitrobenzene-d5	82.248		49-133		82	SPK: -100
321-60-8	2-Fluorobiphenyl	78.529		52-132		79	SPK: -100

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPEMSD	SDG No.:	BF062024
Lab Sample ID:	P2930-04MSD	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
BF138267.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	123.822		32-145		83	SPK: -150
1718-51-0	Terphenyl-d14	81.49		36-145		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	318030	6.886				
1146-65-2	Naphthalene-d8	1266408	8.169				
15067-26-2	Acenaphthene-d10	681421	9.922				
1517-22-2	Phenanthrene-d10	1075062	11.41				
1719-03-5	Chrysene-d12	567455	14.045				
1520-96-3	Perylene-d12	720906	15.515				

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	VK-1	SDG No.:	BF062024
Lab Sample ID:	P2955-04	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
BF138268.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

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

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	VK-1	SDG No.:	BF062024
Lab Sample ID:	P2955-04	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
BF138268.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

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

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	VK-1	SDG No.:	BF062024
Lab Sample ID:	P2955-04	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
BF138268.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

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	118.328		10-139		79	SPK: -150
13127-88-3	Phenol-d6	110.837		10-134		74	SPK: -150
4165-60-0	Nitrobenzene-d5	86.855		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	76.153		52-132		76	SPK: -100

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	VK-1	SDG No.:	BF062024
Lab Sample ID:	P2955-04	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
BF138268.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.018		32-145		87	SPK: -150
1718-51-0	Terphenyl-d14	87.875		36-145		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	319277	6.886				
1146-65-2	Naphthalene-d8	1241254	8.163				
15067-26-2	Acenaphthene-d10	705832	9.916				
1517-22-2	Phenanthrene-d10	1213989	11.404				
1719-03-5	Chrysene-d12	612988	14.039				
1520-96-3	Perylene-d12	576271	15.515				

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF062024
Lab Sample ID:	P2955-08	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
BF138269.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

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

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF062024
Lab Sample ID:	P2955-08	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
BF138269.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

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

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF062024
Lab Sample ID:	P2955-08	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
BF138269.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	115.521		10-139		77	SPK: -150
13127-88-3	Phenol-d6	106.156		10-134		71	SPK: -150
4165-60-0	Nitrobenzene-d5	86.375		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	76.847		52-132		77	SPK: -100

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF062024
Lab Sample ID:	P2955-08	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
BF138269.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	128.878		32-145		86	SPK: -150
1718-51-0	Terphenyl-d14	87.527		36-145		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	319474	6.887				
1146-65-2	Naphthalene-d8	1255126	8.163				
15067-26-2	Acenaphthene-d10	702939	9.916				
1517-22-2	Phenanthrene-d10	1183779	11.404				
1719-03-5	Chrysene-d12	609885	14.039				
1520-96-3	Perylene-d12	626180	15.515				

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	WC-W-01-202406	SDG No.:	BF062024
Lab Sample ID:	P2956-02	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
BF138270.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

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

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	WC-W-01-202406	SDG No.:	BF062024
Lab Sample ID:	P2956-02	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
BF138270.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

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

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	WC-W-01-202406	SDG No.:	BF062024
Lab Sample ID:	P2956-02	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
BF138270.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	113.616		10-139		76	SPK: -150
13127-88-3	Phenol-d6	103.57		10-134		69	SPK: -150
4165-60-0	Nitrobenzene-d5	86.27		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	76.742		52-132		77	SPK: -100

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	WC-W-01-202406	SDG No.:	BF062024
Lab Sample ID:	P2956-02	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
BF138270.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	112.275		32-145		75	SPK: -150
1718-51-0	Terphenyl-d14	85.754		36-145		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	296457	6.886				
1146-65-2	Naphthalene-d8	1142533	8.163				
15067-26-2	Acenaphthene-d10	632372	9.922				
1517-22-2	Phenanthrene-d10	1071823	11.404				
1719-03-5	Chrysene-d12	550929	14.039				
1520-96-3	Perylene-d12	599058	15.515				

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	WC-S-01-202406	SDG No.:	BF062024
Lab Sample ID:	P2956-04	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
BF138271.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

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

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	WC-S-01-202406	SDG No.:	BF062024
Lab Sample ID:	P2956-04	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
BF138271.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

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

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	WC-S-01-202406	SDG No.:	BF062024
Lab Sample ID:	P2956-04	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
BF138271.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	123.914		10-139		83	SPK: -150
13127-88-3	Phenol-d6	119.212		10-134		79	SPK: -150
4165-60-0	Nitrobenzene-d5	85.583		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	75.546		52-132		76	SPK: -100

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	WC-S-01-202406	SDG No.:	BF062024
Lab Sample ID:	P2956-04	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
BF138271.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.957		32-145		87	SPK: -150
1718-51-0	Terphenyl-d14	93.111		36-145		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	311845	6.887				
1146-65-2	Naphthalene-d8	1222505	8.163				
15067-26-2	Acenaphthene-d10	699266	9.916				
1517-22-2	Phenanthrene-d10	1165067	11.404				
1719-03-5	Chrysene-d12	587932	14.039				
1520-96-3	Perylene-d12	588337	15.515				

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	MH-K-COMP	SDG No.:	BF062024
Lab Sample ID:	P2976-04	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
BF138272.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

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

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	MH-K-COMP	SDG No.:	BF062024
Lab Sample ID:	P2976-04	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
BF138272.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

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

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	MH-K-COMP	SDG No.:	BF062024
Lab Sample ID:	P2976-04	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
BF138272.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

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	107.071		10-139		71	SPK: -150
13127-88-3	Phenol-d6	99.984		10-134		67	SPK: -150
4165-60-0	Nitrobenzene-d5	74.246		49-133		74	SPK: -100
321-60-8	2-Fluorobiphenyl	71.289		52-132		71	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	MH-K-COMP	SDG No.:	BF062024
Lab Sample ID:	P2976-04	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
BF138272.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	122.575		32-145		82	SPK: -150
1718-51-0	Terphenyl-d14	87.524		36-145		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	295554	6.886				
1146-65-2	Naphthalene-d8	1139335	8.163				
15067-26-2	Acenaphthene-d10	626756	9.916				
1517-22-2	Phenanthrene-d10	1041282	11.404				
1719-03-5	Chrysene-d12	555117	14.039				
1520-96-3	Perylene-d12	590356	15.515				

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-C4	SDG No.:	BF062024
Lab Sample ID:	P2977-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138273.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.7	U	86.7	270	330	ug/Kg
110-86-1	Pyridine	79.8	U	79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.7	U	96.7	130	170	ug/Kg
108-95-2	Phenol	82.8	U	82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.6	U	83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.4	U	83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.5	U	84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	85.9	U	85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.4	U	86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	82.9	U	82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	80.5	U	80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.7	U	90.7	130	170	ug/Kg
98-86-2	Acetophenone	86.8	U	86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.7	U	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.2	U	40.2	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	82.9	U	82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	90.6	U	90.6	130	170	ug/Kg
78-59-1	Isophorone	84.5	U	84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.3	U	94.3	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93	U	93	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.7	U	85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.4	U	75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.3	U	85.3	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.5	U	82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.5	U	82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.2	U	83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-C4	SDG No.:	BF062024
Lab Sample ID:	P2977-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138273.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.7	U	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.4	U	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.4	U	82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.3	U	71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.9	U	73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.3	U	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.2	U	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.8	U	94.8	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.6	U	81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	86.4	U	86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.1	U	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.1	U	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	81	U	81	130	170	ug/Kg
Total PAH	Total PAH	1323.4	U	1323.4	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.3	U	84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.2	U	169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	80	U	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.5	U	85.5	130	170	ug/Kg
86-73-7	Fluorene	85.4	U	85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.5	U	81.5	130	170	ug/Kg
103-33-3	Azobenzene	79.5	U	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.8	U	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.9	U	84.9	130	170	ug/Kg
1912-24-9	Atrazine	91.2	U	91.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-C4	SDG No.:	BF062024
Lab Sample ID:	P2977-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138273.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.6	U	96.6	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.4	U	98.4	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.8	U	90.8	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.8	U	92.8	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	72.226		18-112		48	SPK: -150
13127-88-3	Phenol-d6	70.593		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	47.544		18-107		48	SPK: -100
321-60-8	2-Fluorobiphenyl	46.863		20-109		47	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-C4	SDG No.:	BF062024
Lab Sample ID:	P2977-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138273.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	76.153		10-110		51	SPK: -150
1718-51-0	Terphenyl-d14	54.179		14-112		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	283011	6.881				
1146-65-2	Naphthalene-d8	1093180	8.163				
15067-26-2	Acenaphthene-d10	606186	9.916				
1517-22-2	Phenanthrene-d10	1019390	11.404				
1719-03-5	Chrysene-d12	528048	14.039				
1520-96-3	Perylene-d12	597664	15.509				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.181	
000057-55-6	Propylene Glycol	180	J			3.404	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			5.098	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	120	J			6.704	
000770-35-4	1-Phenoxypropan-2-ol	140	J			8.475	
	unknown10.016	430	J			10.016	
1010140-07-7	1,4-Dimethyl-8-isopropylidenetricy	130	J			17.18	

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-B5	SDG No.:	BF062024
Lab Sample ID:	P2977-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.1	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
BF138274.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.5	U	86.5	270	330	ug/Kg
110-86-1	Pyridine	79.6	U	79.6	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.6	U	96.6	130	170	ug/Kg
108-95-2	Phenol	82.6	U	82.6	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.4	U	83.4	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.2	U	83.2	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.3	U	84.3	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	85.7	U	85.7	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.2	U	86.2	130	170	ug/Kg
100-51-6	Benzyl Alcohol	82.7	U	82.7	270	330	ug/Kg
95-48-7	2-Methylphenol	80.3	U	80.3	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.6	U	90.6	130	170	ug/Kg
98-86-2	Acetophenone	86.6	U	86.6	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.5	U	79.5	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.2	U	40.2	79.7	79.7	ug/Kg
67-72-1	Hexachloroethane	82.7	U	82.7	130	170	ug/Kg
98-95-3	Nitrobenzene	90.5	U	90.5	130	170	ug/Kg
78-59-1	Isophorone	84.3	U	84.3	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.2	U	94.2	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	92.9	U	92.9	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.5	U	85.5	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.2	U	75.2	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.1	U	85.1	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.3	U	82.3	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.3	U	82.3	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83	U	83	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-B5	SDG No.:	BF062024
Lab Sample ID:	P2977-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138274.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.5	U	86.5	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.2	U	77.2	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.2	U	82.2	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.2	U	71.2	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.8	U	73.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.1	U	87.1	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83	U	83	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.7	U	94.7	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.4	U	81.4	130	170	ug/Kg
208-96-8	Acenaphthylene	86.2	U	86.2	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	82.9	U	82.9	130	170	ug/Kg
99-09-2	3-Nitroaniline	88.9	U	88.9	130	170	ug/Kg
83-32-9	Acenaphthene	80.8	U	80.8	130	170	ug/Kg
Total PAH	Total PAH	1320.3	U	1320.3	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	84.1	U	84.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	168.8	U	168.8	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	85.9	U	85.9	130	170	ug/Kg
84-66-2	Diethylphthalate	79.8	U	79.8	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.3	U	85.3	130	170	ug/Kg
86-73-7	Fluorene	85.2	U	85.2	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	81.3	U	81.3	130	170	ug/Kg
103-33-3	Azobenzene	79.3	U	79.3	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.6	U	78.6	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.7	U	84.7	130	170	ug/Kg
1912-24-9	Atrazine	91.1	U	91.1	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-B5	SDG No.:	BF062024
Lab Sample ID:	P2977-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.1	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
BF138274.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77	U	77	270	330	ug/Kg
85-01-8	Phenanthrene	83.7	U	83.7	130	170	ug/Kg
120-12-7	Anthracene	84.1	U	84.1	130	170	ug/Kg
86-74-8	Carbazole	80	U	80	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84	U	84	130	170	ug/Kg
206-44-0	Fluoranthene	81.4	U	81.4	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.7	U	82.7	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.5	U	96.5	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.3	U	98.3	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.4	U	80.4	130	170	ug/Kg
218-01-9	Chrysene	79.2	U	79.2	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.7	U	90.7	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	80.8	U	80.8	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.3	U	82.3	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.7	U	92.7	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	77.8	U	77.8	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	80.9	U	80.9	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	79.8	U	79.8	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.5	U	86.5	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	74.5	U	74.5	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	82.9	U	82.9	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	76.42		18-112		51	SPK: -150
13127-88-3	Phenol-d6	74.376		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	52.552		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	50.313		20-109		50	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-B5	SDG No.:	BF062024
Lab Sample ID:	P2977-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.1	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
BF138274.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	75.956		10-110		51	SPK: -150
1718-51-0	Terphenyl-d14	50.638		14-112		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	317632	6.881				
1146-65-2	Naphthalene-d8	1222172	8.163				
15067-26-2	Acenaphthene-d10	668667	9.916				
1517-22-2	Phenanthrene-d10	1044401	11.404				
1719-03-5	Chrysene-d12	583684	14.039				
1520-96-3	Perylene-d12	688280	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			2.199	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	A			5.104	
000091-64-5	Coumarin	82.7	J			9.669	
000498-02-2	Apocynin	110	J			9.833	
000057-10-3	n-Hexadecanoic acid	85	J			11.927	
000557-61-9	Octacosanol	86.7	J			13.916	
026627-85-0	Hexacosanal	140	J			14.968	
000629-92-5	Nonadecane	83.7	J			15.163	
000661-19-8	Behenic alcohol	200	J			15.239	
007390-81-0	Oxirane, hexadecyl-	110	J			15.757	
000629-94-7	Heneicosane	91	J			15.992	
041755-58-2	Triacetyl acetate	200	J			16.115	
067860-04-2	Oxirane, heptadecyl-	78.4	J			16.804	
081654-73-1	D-Friedoolean-14-en-3-ol	350	J			17.18	
000465-02-1	Germanicol	180	J			17.351	
000638-97-1	.beta.-Amyrone	130	J			17.821	
001617-70-5	Lup-20(29)-en-3-one	820	J			18.18	
000638-95-9	.alpha.-Amyrin	88	J			18.486	
001616-93-9	Olean-12-en-3-ol, acetate, (3.beta	280	J			18.692	

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-B5	SDG No.:	BF062024
Lab Sample ID:	P2977-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.1	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
BF138274.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-A2	SDG No.:	BF062024
Lab Sample ID:	P2977-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138275.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.6	U	86.6	270	330	ug/Kg
110-86-1	Pyridine	79.7	U	79.7	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.6	U	96.6	130	170	ug/Kg
108-95-2	Phenol	82.7	U	82.7	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.5	U	83.5	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.3	U	83.3	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.4	U	84.4	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	85.8	U	85.8	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.3	U	86.3	130	170	ug/Kg
100-51-6	Benzyl Alcohol	82.8	U	82.8	270	330	ug/Kg
95-48-7	2-Methylphenol	80.4	U	80.4	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.7	U	90.7	130	170	ug/Kg
98-86-2	Acetophenone	86.7	U	86.7	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.6	U	79.6	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.2	U	40.2	79.8	79.8	ug/Kg
67-72-1	Hexachloroethane	82.8	U	82.8	130	170	ug/Kg
98-95-3	Nitrobenzene	90.6	U	90.6	130	170	ug/Kg
78-59-1	Isophorone	84.4	U	84.4	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.2	U	94.2	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93	U	93	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.6	U	85.6	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.3	U	75.3	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.2	U	85.2	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.4	U	82.4	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.4	U	82.4	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.1	U	83.1	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-A2	SDG No.:	BF062024
Lab Sample ID:	P2977-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138275.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.6	U	86.6	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.3	U	77.3	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.3	U	82.3	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.2	U	71.2	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.8	U	73.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.2	U	87.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.1	U	83.1	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.7	U	94.7	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.5	U	81.5	130	170	ug/Kg
208-96-8	Acenaphthylene	86.3	U	86.3	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83	U	83	130	170	ug/Kg
99-09-2	3-Nitroaniline	89	U	89	130	170	ug/Kg
83-32-9	Acenaphthene	80.9	U	80.9	130	170	ug/Kg
Total PAH	Total PAH	1321.9	U	1321.9	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	84.2	U	84.2	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86	U	86	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169	U	169	130	340	ug/Kg
84-66-2	Diethylphthalate	79.9	U	79.9	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.4	U	85.4	130	170	ug/Kg
86-73-7	Fluorene	85.3	U	85.3	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	81.4	U	81.4	130	170	ug/Kg
103-33-3	Azobenzene	79.4	U	79.4	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.7	U	78.7	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.8	U	84.8	130	170	ug/Kg
1912-24-9	Atrazine	91.2	U	91.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-A2	SDG No.:	BF062024
Lab Sample ID:	P2977-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138275.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.1	U	77.1	270	330	ug/Kg
85-01-8	Phenanthrene	83.8	U	83.8	130	170	ug/Kg
120-12-7	Anthracene	84.2	U	84.2	130	170	ug/Kg
86-74-8	Carbazole	80.1	U	80.1	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.1	U	84.1	130	170	ug/Kg
206-44-0	Fluoranthene	81.5	U	81.5	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.8	U	82.8	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.5	U	96.5	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.3	U	98.3	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.5	U	80.5	130	170	ug/Kg
218-01-9	Chrysene	79.3	U	79.3	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.8	U	90.8	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	80.9	U	80.9	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.4	U	82.4	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.8	U	92.8	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	77.9	U	77.9	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81	U	81	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	79.9	U	79.9	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.6	U	86.6	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	74.5	U	74.5	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83	U	83	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	76.115		18-112		51	SPK: -150
13127-88-3	Phenol-d6	74.045		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	50.836		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	48.694		20-109		49	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-A2	SDG No.:	BF062024
Lab Sample ID:	P2977-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138275.D	1	6/20/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	74.831		10-110		50	SPK: -150
1718-51-0	Terphenyl-d14	49.959		14-112		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	317421	6.881				
1146-65-2	Naphthalene-d8	1232913	8.163				
15067-26-2	Acenaphthene-d10	690117	9.916				
1517-22-2	Phenanthrene-d10	1073575	11.404				
1719-03-5	Chrysene-d12	589303	14.039				
1520-96-3	Perylene-d12	702142	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.193	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			5.104	
000091-64-5	Coumarin	180	J			9.669	
000057-10-3	n-Hexadecanoic acid	130	J			11.927	
1000282-98-2	Dichloroacetic acid, heptadecyl es	200	J			13.921	
007683-64-9	Supraene	78.1	J			14.898	
007390-81-0	Oxirane, hexadecyl-	78.5	J			14.968	
015594-90-8	1-Heneicosanol	130	J			15.245	
067860-04-2	Oxirane, heptadecyl-	75.8	J			15.757	
023811-94-1	1-Dotriacontanol, acetate	120	J			16.115	

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF062024
Lab Sample ID:	P2955-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138276.D	1	6/19/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.9	U	57.9	180	220	ug/Kg
110-86-1	Pyridine	53.3	U	53.3	86.6	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64.6	U	64.6	86.6	110	ug/Kg
108-95-2	Phenol	55.3	U	55.3	86.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.8	U	55.8	86.6	110	ug/Kg
95-57-8	2-Chlorophenol	55.7	U	55.7	86.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.4	U	56.4	86.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.3	U	57.3	86.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.7	U	57.7	86.6	110	ug/Kg
100-51-6	Benzyl Alcohol	55.3	U	55.3	180	220	ug/Kg
95-48-7	2-Methylphenol	53.7	U	53.7	86.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60.6	U	60.6	86.6	110	ug/Kg
98-86-2	Acetophenone	57.9	U	57.9	86.6	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.2	U	53.2	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.9	U	26.9	53.3	53.3	ug/Kg
67-72-1	Hexachloroethane	55.3	U	55.3	86.6	110	ug/Kg
98-95-3	Nitrobenzene	60.5	U	60.5	86.6	110	ug/Kg
78-59-1	Isophorone	56.4	U	56.4	86.6	110	ug/Kg
88-75-5	2-Nitrophenol	63	U	63	86.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.1	U	62.1	86.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.2	U	57.2	86.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.3	U	50.3	86.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.9	U	56.9	86.6	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.1	U	55.1	86.6	110	ug/Kg
106-47-8	4-Chloroaniline	55.1	U	55.1	86.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.5	U	55.5	86.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF062024
Lab Sample ID:	P2955-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138276.D	1	6/19/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.9	U	57.9	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.7	U	51.7	86.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	55	U	55	86.6	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.6	U	47.6	86.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.3	U	49.3	86.6	110	ug/Kg
92-52-4	1,1-Biphenyl	58.2	U	58.2	86.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.5	U	55.5	86.6	110	ug/Kg
88-74-4	2-Nitroaniline	63.3	U	63.3	86.6	110	ug/Kg
131-11-3	Dimethylphthalate	54.5	U	54.5	86.6	110	ug/Kg
208-96-8	Acenaphthylene	57.7	U	57.7	86.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.5	U	55.5	86.6	110	ug/Kg
99-09-2	3-Nitroaniline	59.4	U	59.4	86.6	110	ug/Kg
83-32-9	Acenaphthene	54.1	U	54.1	86.6	110	ug/Kg
Total PAH	Total PAH	883.6	U	883.6	86.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.3	U	77.3	180	220	ug/Kg
132-64-9	Dibenzofuran	56.3	U	56.3	86.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	113	U	113	86.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.5	U	57.5	86.6	110	ug/Kg
84-66-2	Diethylphthalate	53.4	U	53.4	86.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.1	U	57.1	86.6	110	ug/Kg
86-73-7	Fluorene	57	U	57	86.6	110	ug/Kg
100-01-6	4-Nitroaniline	71.3	U	71.3	86.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78	U	78	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.4	U	54.4	86.6	110	ug/Kg
103-33-3	Azobenzene	53.1	U	53.1	86.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.6	U	52.6	86.6	110	ug/Kg
118-74-1	Hexachlorobenzene	56.7	U	56.7	86.6	110	ug/Kg
1912-24-9	Atrazine	60.9	U	60.9	86.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF062024
Lab Sample ID:	P2955-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138276.D	1	6/19/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.5	U	51.5	180	220	ug/Kg
85-01-8	Phenanthrene	56	U	56	86.6	110	ug/Kg
120-12-7	Anthracene	56.3	U	56.3	86.6	110	ug/Kg
86-74-8	Carbazole	53.5	U	53.5	86.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.2	U	56.2	86.6	110	ug/Kg
206-44-0	Fluoranthene	54.5	U	54.5	86.6	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.3	U	55.3	86.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	64.5	U	64.5	86.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.7	U	65.7	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.8	U	53.8	86.6	110	ug/Kg
218-01-9	Chrysene	53	U	53	86.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60.6	U	60.6	86.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	73.3	U	73.3	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.1	U	54.1	86.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.1	U	55.1	86.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	62	U	62	86.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.1	U	52.1	86.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.1	U	54.1	86.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.4	U	53.4	86.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.9	U	57.9	86.6	110	ug/Kg
123-91-1	1,4-Dioxane	73.3	U	73.3	86.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.8	U	49.8	86.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.5	U	55.5	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	63.219		18-112		42	SPK: -150
13127-88-3	Phenol-d6	60.286		15-107		40	SPK: -150
4165-60-0	Nitrobenzene-d5	44.879		18-107		45	SPK: -100
321-60-8	2-Fluorobiphenyl	44.78		20-109		45	SPK: -100

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF062024
Lab Sample ID:	P2955-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138276.D	1	6/19/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	58.558		10-110		39	SPK: -150
1718-51-0	Terphenyl-d14	33.363		14-112		33	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	316193	6.886				
1146-65-2	Naphthalene-d8	1181658	8.163				
15067-26-2	Acenaphthene-d10	604419	9.922				
1517-22-2	Phenanthrene-d10	873361	11.404				
1719-03-5	Chrysene-d12	612593	14.045				
1520-96-3	Perylene-d12	638806	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	900	J			2.175	
000057-55-6	Propylene Glycol	56.2	J			3.387	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	80.9	A			5.098	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	68.9	J			6.704	
000770-35-4	1-Phenoxypropan-2-ol	74.6	J			8.475	
080655-44-3	Decahydro-1,1,4a,5,6-pentamethylna	61.1	J			9.316	
	unknown10.016	400	J			10.016	
031295-56-4	Dodecane, 2,6,11-trimethyl-	86.4	J			10.833	
000057-10-3	n-Hexadecanoic acid	190	J			11.933	
000057-11-4	Octadecanoic acid	60.4	J			12.716	
013849-96-2	17.alpha.(H),21.beta.(H)-Hopane	350	J			16.68	

Hit Summary Sheet SW-846

SDG No.: BF062024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TP-1								
P2955-05	TP-1	Solid	1-Phenoxypropan-2-ol	*	74.600	J		
P2955-05	TP-1	Solid	17.alpha.(H),21.beta.(H)-Hopane	*	350.000	J		
P2955-05	TP-1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	80.900	A		
P2955-05	TP-1	Solid	Butane, 2-methoxy-2-methyl-	*	900.000	J		
P2955-05	TP-1	Solid	Decahydro-1,1,4a,5,6-pentamethy	*	61.100	J		
P2955-05	TP-1	Solid	Dodecane, 2,6,11-trimethyl-	*	86.400	J		
P2955-05	TP-1	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	68.900	J		
P2955-05	TP-1	Solid	n-Hexadecanoic acid	*	190.000	J		
P2955-05	TP-1	Solid	Octadecanoic acid	*	60.400	J		
P2955-05	TP-1	Solid	Propylene Glycol	*	56.200	J		
P2955-05	TP-1	Solid	unknown10.016	*	400.000	J		
Total Tics :					2,328.50			
Total Concentration:					2,328.50			
Client ID : OSTL-A2								
P2977-02	OSTL-A2	Solid	1-Dotriacontanol, acetate	*	120.000	J		
P2977-02	OSTL-A2	Solid	1-Heneicosanol	*	130.000	J		
P2977-02	OSTL-A2	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	110.000	A		
P2977-02	OSTL-A2	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J		
P2977-02	OSTL-A2	Solid	Coumarin	*	180.000	J		
P2977-02	OSTL-A2	Solid	Dichloroacetic acid, heptadecyl es	*	200.000	J		
P2977-02	OSTL-A2	Solid	n-Hexadecanoic acid	*	130.000	J		
P2977-02	OSTL-A2	Solid	Oxirane, heptadecyl-	*	75.800	J		
P2977-02	OSTL-A2	Solid	Oxirane, hexadecyl-	*	78.500	J		
P2977-02	OSTL-A2	Solid	Supraene	*	78.100	J		
Total Tics :					2,302.40			
Total Concentration:					2,302.40			
Client ID : OSTL-B5								
P2977-11	OSTL-B5	Solid	.alpha.-Amyrin	*	88.000	J		
P2977-11	OSTL-B5	Solid	.beta.-Amyrone	*	130.000	J		
P2977-11	OSTL-B5	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	200.000	A		
P2977-11	OSTL-B5	Solid	Apocynin	*	110.000	J		
P2977-11	OSTL-B5	Solid	Behenic alcohol	*	200.000	J		
P2977-11	OSTL-B5	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J		
P2977-11	OSTL-B5	Solid	Coumarin	*	82.700	J		
P2977-11	OSTL-B5	Solid	D-Friedoolean-14-en-3-ol	*	350.000	J		
P2977-11	OSTL-B5	Solid	Germanicol	*	180.000	J		

Hit Summary Sheet SW-846

SDG No.: BF062024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2977-11	OSTL-B5	Solid	Heneicosane	*	91.000	J		
P2977-11	OSTL-B5	Solid	Hexacosanal	*	140.000	J		
P2977-11	OSTL-B5	Solid	Lup-20(29)-en-3-one	*	820.000	J		
P2977-11	OSTL-B5	Solid	n-Hexadecanoic acid	*	85.000	J		
P2977-11	OSTL-B5	Solid	Nonadecane	*	83.700	J		
P2977-11	OSTL-B5	Solid	Octacosanol	*	86.700	J		
P2977-11	OSTL-B5	Solid	Olean-12-en-3-ol, acetate, (3.beta	*	280.000	J		
P2977-11	OSTL-B5	Solid	Oxirane, heptadecyl-	*	78.400	J		
P2977-11	OSTL-B5	Solid	Oxirane, hexadecyl-	*	110.000	J		
P2977-11	OSTL-B5	Solid	Triacetyl acetate	*	200.000	J		
Total Tics :					4,715.50			
Total Concentration:					4,715.50			
Client ID : OSTL-C4								
P2977-16	OSTL-C4	Solid	1,4-Dimethyl-8-isopropylidenetric	*	130.000	J		
P2977-16	OSTL-C4	Solid	1-Phenoxypropan-2-ol	*	140.000	J		
P2977-16	OSTL-C4	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	110.000	A		
P2977-16	OSTL-C4	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J		
P2977-16	OSTL-C4	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	120.000	J		
P2977-16	OSTL-C4	Solid	Propylene Glycol	*	180.000	J		
P2977-16	OSTL-C4	Solid	unknown10.016	*	430.000	J		
Total Tics :					2,310.00			
Total Concentration:					2,310.00			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF061224 SAS No.: BF061224 SDG No.: BF061224
Instrument ID: _____ Calibration Date(s): 6/12/2024 : _____
Calibration Time(s): 11:41 _____

LAB FILE ID:		RRF2.5 = BF138187.D			RRF005 = BF138188.D		RRF010 = BF138189.D	
		RRF020 = BF138190.D			RRF040 = BF138191.D		RRF050 = BF138192.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.615	0.593	0.629	0.628	0.581	0.602	3.8
Pyridine		1.345	1.345	1.383	1.318	1.238	1.300	4.8
2-Fluorophenol		1.269	1.259	1.297	1.228	1.133	1.196	7.5
Benzaldehyde			1.000	0.931	0.776	0.676	0.805	19.4
Aniline		1.553	1.504	1.568	1.542	1.422	1.483	5.1
Phenol-d6		1.637	1.601	1.615	1.558	1.431	1.516	7.6
Phenol		1.591	1.584	1.646	1.592	1.476	1.539	5.7
bis(2-Chloroethyl)ether		1.311	1.262	1.279	1.257	1.165	1.231	5.6
2-Chlorophenol		1.353	1.338	1.376	1.353	1.238	1.293	6.5
1,2-Dichlorobenzene		1.519	1.483	1.520	1.440	1.297	1.388	9.9
1,3-Dichlorobenzene		1.594	1.546	1.563	1.514	1.388	1.469	7.7
1,4-Dichlorobenzene		1.619	1.567	1.573	1.520	1.396	1.478	8.3
Benzyl Alcohol		1.038	1.042	1.096	1.078	0.982	1.022	5.7
2-Methylphenol		1.051	1.034	1.074	1.062	0.962	1.020	4.7
2,2-oxybis(1-Chloropropane)		1.841	1.819	1.833	1.791	1.644	1.738	6.3
Acetophenone		0.501	0.493	0.499	0.462	0.427	0.457	9.5
3+4-Methylphenols		1.396	1.392	1.410	1.340	1.207	1.284	10.5
n-Nitroso-di-n-propylamine	0.921	0.954	0.957	0.947	0.917	0.841	0.899	6.6
Nitrobenzene-d5		0.329	0.341	0.364	0.360	0.338	0.344	4.2
Hexachloroethane		0.501	0.505	0.530	0.522	0.486	0.501	4.4
Nitrobenzene		0.350	0.353	0.374	0.369	0.345	0.355	4.0
Isophorone		0.646	0.641	0.648	0.629	0.587	0.621	4.2
2-Nitrophenol		0.094	0.115	0.142	0.159	0.157	0.143	19.6
2,4-Dimethylphenol		0.219	0.217	0.230	0.223	0.209	0.217	3.6
bis(2-Chloroethoxy)methane		0.411	0.401	0.411	0.396	0.369	0.389	5.6
2,4-Dichlorophenol		0.269	0.281	0.295	0.291	0.273	0.280	3.7
1,2,4-Trichlorobenzene		0.351	0.345	0.349	0.339	0.312	0.330	6.7
Benzoic acid			0.132	0.172	0.193	0.202	0.191	18.5
Naphthalene		1.103	1.074	1.073	1.012	0.924	0.989	10.6
4-Chloroaniline		0.382	0.383	0.386	0.373	0.348	0.370	4.3
Hexachlorobutadiene		0.207	0.199	0.204	0.198	0.184	0.193	6.4
Caprolactam		0.078	0.085	0.088	0.088	0.080	0.084	4.7
4-Chloro-3-methylphenol		0.279	0.286	0.292	0.285	0.266	0.278	3.6
2-Methylnaphthalene		0.721	0.703	0.698	0.662	0.603	0.649	9.8
Hexachlorocyclopentadiene		0.152	0.169	0.197	0.207	0.208	0.191	11.3
2,4,6-Trichlorophenol		0.336	0.361	0.383	0.388	0.371	0.366	5.1

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.: BF061224

SAS No.: BF061224

SDG No.: BF061224

Instrument ID: _____

Calibration Date(s): 6/12/2024 : _____

Calibration Time(s): 11:41 _____

LAB FILE ID:		RRF2.5 = BF138187.D			RRF005 = BF138188.D		RRF010 = BF138189.D	
		RRF020 = BF138190.D			RRF040 = BF138191.D		RRF050 = BF138192.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.531	1.465	1.430	1.247	1.127	1.258	17.8
2,4,5-Trichlorophenol		0.385	0.403	0.423	0.418	0.399	0.402	3.8
1,1-Biphenyl		1.629	1.601	1.607	1.483	1.400	1.468	10.7
2-Chloronaphthalene		1.258	1.247	1.253	1.174	1.099	1.160	8.7
2-Nitroaniline		0.210	0.249	0.288	0.307	0.295	0.279	13.0
Dimethylphthalate		1.318	1.292	1.305	1.240	1.153	1.225	7.0
Acenaphthylene		1.748	1.746	1.763	1.658	1.552	1.626	8.7
2,6-Dinitrotoluene		0.212	0.250	0.277	0.288	0.274	0.266	10.1
3-Nitroaniline		0.244	0.276	0.293	0.305	0.285	0.284	7.1
Acenaphthene		1.192	1.174	1.191	1.132	1.055	1.109	7.7
2,4-Dinitrophenol			0.062	0.083	0.107	0.109	0.104	26.2
4-Nitrophenol		0.174	0.211	0.235	0.245	0.224	0.224	11.3
Dibenzofuran		1.724	1.680	1.674	1.587	1.447	1.550	10.1
2,4-Dinitrotoluene		0.241	0.293	0.345	0.360	0.336	0.328	13.9
Diethylphthalate		1.238	1.240	1.258	1.188	1.083	1.163	7.8
4-Chlorophenyl-phenylether		0.688	0.671	0.661	0.613	0.562	0.607	11.5
Fluorene		1.390	1.351	1.343	1.227	1.119	1.219	12.3
4-Nitroaniline		0.252	0.289	0.299	0.303	0.268	0.284	6.3
4,6-Dinitro-2-methylphenol			0.055	0.076	0.095	0.096	0.090	23.2
n-Nitrosodiphenylamine		0.647	0.635	0.651	0.625	0.602	0.612	6.6
Azobenzene		1.251	1.254	1.249	1.174	1.092	1.165	7.9
2,4,6-Tribromophenol		0.193	0.205	0.215	0.210	0.192	0.199	5.7
4-Bromophenyl-phenylether		0.227	0.226	0.238	0.232	0.223	0.225	4.0
Hexachlorobenzene		0.275	0.273	0.278	0.269	0.259	0.263	6.0
Atrazine		0.181	0.189	0.189	0.177	0.162	0.174	7.6
Pentachlorophenol		0.122	0.143	0.163	0.167	0.158	0.153	10.2
Phenanthrene		1.101	1.069	1.078	1.004	0.926	0.989	10.3
Anthracene		1.079	1.058	1.075	1.003	0.921	0.982	10.0
Carbazole		0.992	0.987	0.983	0.920	0.819	0.901	10.4
Di-n-butylphthalate		0.939	1.021	1.038	0.966	0.852	0.932	9.0
Fluoranthene		1.121	1.154	1.126	1.027	0.872	1.009	13.1
Benzidine		0.200	0.142	0.236	0.406	0.254	0.231	42.3
Pyrene		1.736	1.571	1.840	1.842	1.741	1.725	6.4
Terphenyl-d14		1.406	1.259	1.400	1.318	1.217	1.263	9.9
Butylbenzylphthalate		0.344	0.415	0.490	0.525	0.473	0.469	14.3
3,3-Dichlorobenzidine		0.355	0.407	0.383	0.365	0.336	0.353	10.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF061224 SAS No.: BF061224 SDG No.: BF061224
Instrument ID: _____ Calibration Date(s): 6/12/2024 : _____
Calibration Time(s): 11:41 _____

LAB FILE ID:		RRF2.5 = BF138187.D			RRF005 = BF138188.D		RRF010 = BF138189.D	
		RRF020 = BF138190.D			RRF040 = BF138191.D		RRF050 = BF138192.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.355	1.332	1.358	1.317	1.237	1.283	6.1
Chrysene		1.282	1.265	1.300	1.251	1.188	1.223	5.8
Bis(2-ethylhexyl)phthalate		0.402	0.547	0.551	0.589	0.561	0.546	12.1
Di-n-octyl phthalate			0.676	0.677	0.818	0.922	0.811	13.5
Benzo(b)fluoranthene		1.231	1.223	1.311	1.172	1.082	1.179	7.3
Benzo(k)fluoranthene		1.271	1.279	1.214	1.153	1.077	1.156	8.8
Benzo(a)pyrene		1.000	1.015	1.058	1.044	0.985	1.013	3.0
Indeno(1,2,3-cd)pyrene		0.995	1.011	1.395	1.492	1.408	1.304	16.0
Dibenzo(a,h)anthracene		0.834	0.828	1.155	1.223	1.157	1.070	15.6
Benzo(g,h,i)perylene		0.837	0.840	1.193	1.273	1.196	1.107	16.8
1,2,4,5-Tetrachlorobenzene		0.621	0.608	0.626	0.597	0.569	0.584	7.0
1,4-Dioxane		0.559	0.559	0.573	0.563	0.526	0.547	4.0
2,3,4,6-Tetrachlorophenol		0.294	0.320	0.335	0.330	0.303	0.314	5.0
1-Methylnaphthalene		0.714	0.689	0.693	0.645	0.591	0.636	10.6

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.: BF062024 SAS No.: BF062024 SDG NO.: BF062024

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 20 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 12:32

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	340504	6.893	1.29686e+01	8.18	696204	9.93
	UPPER LIMIT	681008	7.393	2593720	8.675	1392408	10.428
	LOWER LIMIT	170252	6.393	648430	7.675	348102	9.428
	EPA SAMPLE NO.						
01	PB161578BL	346334	6.89	1.36334e	8.16	760146	9.92
02	PB161578BS	390597	6.89	1.55596e	8.17	848626	9.93
03	PB161578BSD	434190	6.89	1.7392e+	8.17	951710	9.93
04	PB161609BL	364706	6.89	1.44027e	8.16	804846	9.92
05	PB161609BS	402960	6.89	1.61111e	8.17	888810	9.93
06	WCS-TPE	328055	6.89	1.30047e	8.16	737123	9.92
07	WCS-TPEMS	289767	6.89	1.13271e	8.17	618512	9.92
08	WCS-TPEMSD	318030	6.89	1.26641e	8.17	681421	9.92
09	VK-1	319277	6.89	1.24125e	8.16	705832	9.92
10	TP-1	319474	6.89	1.25513e	8.16	702939	9.92
11	WC-W-01-202406	296457	6.89	1.14253e	8.16	632372	9.92
12	WC-S-01-202406	311845	6.89	1.22251e	8.16	699266	9.92
13	MH-K-COMP	295554	6.89	1.13934e	8.16	626756	9.92
14	OSTL-C4	283011	6.88	1.09318e	8.16	606186	9.92
15	OSTL-B5	317632	6.88	1.22217e	8.16	668667	9.92
16	OSTL-A2	317421	6.88	1.23291e	8.16	690117	9.92
17	TP-1	316193	6.89	1.18166e	8.16	604419	9.92



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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062024 SAS No.: BF062024 SDG NO.: BF062024

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 20 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 22:12

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	340504	6.893	1.29686e+01	8.18	696204	9.93
UPPER LIMIT	681008	7.393	2593720	8.675	1392408	10.428
LOWER LIMIT	170252	6.393	648430	7.675	348102	9.428
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062024 SAS No.: BF062024 SDG NO.: BF062024

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 20 2024 12:00AM

Lab File ID: BF138259.D Time Analyzed: 12:32

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	370374	6.887	1.42522e+01	8.17	782805	9.93
	UPPER LIMIT	740748	7.387	2850440	8.669	1565610	10.428
	LOWER LIMIT	185187	6.387	712610	7.669	391402.5	9.428
	EPA SAMPLE NO.						
01	PB161578BL	346334	6.89	1.36334e	8.16	760146	9.92
02	PB161578BS	390597	6.89	1.55596e	8.17	848626	9.93
03	PB161578BSD	434190	6.89	1.7392e+	8.17	951710	9.93
04	PB161609BL	364706	6.89	1.44027e	8.16	804846	9.92
05	PB161609BS	402960	6.89	1.61111e	8.17	888810	9.93
06	WCS-TPE	328055	6.89	1.30047e	8.16	737123	9.92
07	WCS-TPEMS	289767	6.89	1.13271e	8.17	618512	9.92
08	WCS-TPEMSD	318030	6.89	1.26641e	8.17	681421	9.92
09	VK-1	319277	6.89	1.24125e	8.16	705832	9.92
10	TP-1	319474	6.89	1.25513e	8.16	702939	9.92
11	WC-W-01-202406	296457	6.89	1.14253e	8.16	632372	9.92
12	WC-S-01-202406	311845	6.89	1.22251e	8.16	699266	9.92
13	MH-K-COMP	295554	6.89	1.13934e	8.16	626756	9.92
14	OSTL-C4	283011	6.88	1.09318e	8.16	606186	9.92
15	OSTL-B5	317632	6.88	1.22217e	8.16	668667	9.92
16	OSTL-A2	317421	6.88	1.23291e	8.16	690117	9.92
17	TP-1	316193	6.89	1.18166e	8.16	604419	9.92



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062024 SAS No.: BF062024 SDG NO.: BF062024

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 20 2024 12:00AM

Lab File ID: BF138259.D Time Analyzed: 22:12

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	370374	6.887	1.42522e+04	8.17	782805	9.93
UPPER LIMIT	740748	7.387	2850440	8.669	1565610	10.428
LOWER LIMIT	185187	6.387	712610	7.669	391402.5	9.428
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062024 SAS No.: BF062024 SDG NO.: BF062024

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 20 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 12:32

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.18359e+0	11.416	674197	14.051	644245	15.521
	UPPER LIMIT	2367180	11.916	1348394	14.551	1288490	16.021
	LOWER LIMIT	591795	10.916	337098.5	13.551	322122.5	15.021
	EPA SAMPLE NO.						
01	PB161578BL	1.38502	11.40	895871	14.05	771260	15.52
02	PB161578BS	1.43962	11.41	749833	14.05	751342	15.52
03	PB161578BSD	1.63955	11.41	832700	14.05	770301	15.52
04	PB161609BL	1.46601	11.41	1.02242e+	14.05	865320	15.52
05	PB161609BS	1.52917	11.41	801578	14.05	769413	15.52
06	WCS-TPE	1.25177	11.40	622261	14.04	604214	15.52
07	WCS-TPEMS	1.00678	11.41	533470	14.05	682285	15.52
08	WCS-TPEMSD	1.07506	11.41	567455	14.05	720906	15.52
09	VK-1	1.21399	11.40	612988	14.04	576271	15.52
10	TP-1	1.18378	11.40	609885	14.04	626180	15.52
11	WC-W-01-202406	1.07182	11.40	550929	14.04	599058	15.52
12	WC-S-01-202406	1.16507	11.40	587932	14.04	588337	15.52
13	MH-K-COMP	1.04128	11.40	555117	14.04	590356	15.52
14	OSTL-C4	1.01939	11.40	528048	14.04	597664	15.51
15	OSTL-B5	1.0444e	11.40	583684	14.04	688280	15.51
16	OSTL-A2	1.07358	11.40	589303	14.04	702142	15.52
17	TP-1	873361	11.40	612593	14.05	638806	15.52

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062024 SAS No.: BF062024 SDG NO.: BF062024

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 20 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 22:12

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.18359e+04	11.416	674197	14.051	644245	15.521
UPPER LIMIT	2367180	11.916	1348394	14.551	1288490	16.021
LOWER LIMIT	591795	10.916	337098.5	13.551	322122.5	15.021
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.: BF062024 SAS No.: BF062024 SDG NO.: BF062024

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 20 2024 12:00AM

Lab File ID: BF138259.D Time Analyzed: 12:32

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.37416e+0	11.41	745217	14.051	795626	15.521
	UPPER LIMIT	2748320	11.91	1490434	14.551	1591252	16.021
	LOWER LIMIT	687080	10.91	372608.5	13.551	397813	15.021
	EPA SAMPLE NO.						
01	PB161578BL	1.38502	11.40	895871	14.05	771260	15.52
02	PB161578BS	1.43962	11.41	749833	14.05	751342	15.52
03	PB161578BSD	1.63955	11.41	832700	14.05	770301	15.52
04	PB161609BL	1.46601	11.41	1.02242e+	14.05	865320	15.52
05	PB161609BS	1.52917	11.41	801578	14.05	769413	15.52
06	WCS-TPE	1.25177	11.40	622261	14.04	604214	15.52
07	WCS-TPEMS	1.00678	11.41	533470	14.05	682285	15.52
08	WCS-TPEMSD	1.07506	11.41	567455	14.05	720906	15.52
09	VK-1	1.21399	11.40	612988	14.04	576271	15.52
10	TP-1	1.18378	11.40	609885	14.04	626180	15.52
11	WC-W-01-202406	1.07182	11.40	550929	14.04	599058	15.52
12	WC-S-01-202406	1.16507	11.40	587932	14.04	588337	15.52
13	MH-K-COMP	1.04128	11.40	555117	14.04	590356	15.52
14	OSTL-C4	1.01939	11.40	528048	14.04	597664	15.51
15	OSTL-B5	1.0444e	11.40	583684	14.04	688280	15.51
16	OSTL-A2	1.07358	11.40	589303	14.04	702142	15.52
17	TP-1	873361	11.40	612593	14.05	638806	15.52

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062024 SAS No.: BF062024 SDG NO.: BF062024

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 20 2024 12:00AM

Lab File ID: BF138259.D Time Analyzed: 22:12

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.37416e+04	11.41	745217	14.051	795626	15.521
UPPER LIMIT	2748320	11.91	1490434	14.551	1591252	16.021
LOWER LIMIT	687080	10.91	372608.5	13.551	397813	15.021
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.: **BF062024**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB161578BS	n-Nitrosodimethylamine	50	40.3	ug/L	81				55	108	
	Pyridine	50	29.7	ug/L	59				29	97	
	Benzaldehyde	50	29.3	ug/L	59				15	121	
	Aniline	50	23.3	ug/L	47				10	130	
	Phenol	50	40.4	ug/L	81				66	118	
	bis(2-Chloroethyl)ether	50	42.6	ug/L	85				62	103	
	2-Chlorophenol	50	43.7	ug/L	87				70	117	
	1,2-Dichlorobenzene	50	39.8	ug/L	80				72	102	
	1,3-Dichlorobenzene	50	38.1	ug/L	76				71	103	
	1,4-Dichlorobenzene	50	38.5	ug/L	77				76	103	
	Benzyl Alcohol	50	44.7	ug/L	89				36	93	
	2-Methylphenol	50	42.6	ug/L	85				69	109	
	2,2-oxybis(1-Chloropropane)	50	39.5	ug/L	79				52	103	
	Acetophenone	50	38.6	ug/L	77				60	104	
	3+4-Methylphenols	50	38.8	ug/L	78				67	106	
	N-Nitroso-di-n-propylamine	50	40.8	ug/L	82				57	107	
	Hexachloroethane	50	41.4	ug/L	83				76	118	
	Nitrobenzene	50	39.2	ug/L	78				58	106	
	Isophorone	50	41.7	ug/L	83				61	102	
	2-Nitrophenol	50	54.6	ug/L	109				70	115	
	2,4-Dimethylphenol	50	43.8	ug/L	88				67	130	
	bis(2-Chloroethoxy)methane	50	40.9	ug/L	82				58	109	
	2,4-Dichlorophenol	50	41.4	ug/L	83				66	115	
	1,2,4-Trichlorobenzene	50	39.2	ug/L	78				41	115	
	Benzoic acid	50	50.8	ug/L	102				10	125	
	Naphthalene	50	38.4	ug/L	77				64	107	
	4-Chloroaniline	50	22.9	ug/L	46				10	85	
	Hexachlorobutadiene	50	38.1	ug/L	76				69	101	
	Caprolactam	50	45.4	ug/L	91				58	128	
	4-Chloro-3-methylphenol	50	42.7	ug/L	85				65	114	
	2-Methylnaphthalene	50	39.3	ug/L	79				64	107	
	Hexachlorocyclopentadiene	100	99.4	ug/L	99				36	160	
	2,4,6-Trichlorophenol	50	43.4	ug/L	87				61	110	
	2,4,5-Trichlorophenol	50	41.8	ug/L	84				70	106	
	1,1-Biphenyl	50	37.9	ug/L	76				72	98	
	2-Chloronaphthalene	50	38.6	ug/L	77				59	106	
	2-Nitroaniline	50	47.8	ug/L	96				58	107	
	Dimethylphthalate	50	42.6	ug/L	85				64	103	
	Acenaphthylene	50	41.4	ug/L	83				65	108	
	2,6-Dinitrotoluene	50	46.7	ug/L	93				64	110	
	3-Nitroaniline	50	34.2	ug/L	68				28	100	
	Acenaphthene	50	43	ug/L	86				59	113	
	Total PAH	800	707.5	ug/L	88				59	113	
	2,4-Dinitrophenol	100	98	ug/L	98				64	132	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF062024**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB161578BS	4-Nitrophenol	100	91.1	ug/L	91				68	116	
	Dibenzofuran	50	39.4	ug/L	79				65	106	
	2,4-Dinitrotoluene	50	50	ug/L	100				60	115	
	2,4-Dinitrotoluene/2,6-Dinitro	100	96.7	ug/L	97				60	115	
	Diethylphthalate	50	42.3	ug/L	85				63	105	
	4-Chlorophenyl-phenylether	50	39	ug/L	78				61	104	
	Fluorene	50	37.6	ug/L	75				64	107	
	4-Nitroaniline	50	39.6	ug/L	79				69	112	
	4,6-Dinitro-2-methylphenol	50	54.1	ug/L	108				62	132	
	N-Nitrosodiphenylamine	50	40.8	ug/L	82				61	109	
	Azobenzene	50	40.2	ug/L	80				59	106	
	4-Bromophenyl-phenylether	50	41.7	ug/L	83				73	103	
	Hexachlorobenzene	50	40.4	ug/L	81				73	106	
	Atrazine	50	44.6	ug/L	89				76	120	
	Pentachlorophenol	100	77.2	ug/L	77				47	114	
	Phenanthrene	50	39.9	ug/L	80				62	109	
	Anthracene	50	39.7	ug/L	79				65	110	
	Carbazole	50	38.2	ug/L	76				62	106	
	Di-n-butylphthalate	50	43	ug/L	86				64	106	
	Fluoranthene	50	37.6	ug/L	75				64	110	
	Benzidine	100	9.3	ug/L	9		*		10	94	
	Pyrene	50	42.1	ug/L	84				71	103	
	Butylbenzylphthalate	50	55.8	ug/L	112		*		61	105	
	3,3-Dichlorobenzidine	50	42.9	ug/L	86				43	108	
	Benzo(a)anthracene	50	42.2	ug/L	84				62	107	
	Chrysene	50	42.8	ug/L	86				61	108	
	bis(2-Ethylhexyl)phthalate	50	60	ug/L	120		*		59	110	
	Di-n-octyl phthalate	50	69.3	ug/L	139		*		67	126	
	Benzo(b)fluoranthene	50	46.7	ug/L	93				77	113	
	Benzo(k)fluoranthene	50	46.2	ug/L	92				64	113	
	Benzo(a)pyrene	50	50.4	ug/L	101				72	131	
	Indeno(1,2,3-cd)pyrene	50	54	ug/L	108		*		72	105	
	Dibenz(a,h)anthracene	50	54.3	ug/L	109				78	115	
	Benzo(g,h,i)perylene	50	51.2	ug/L	102				75	118	
	1,2,4,5-Tetrachlorobenzene	50	39.6	ug/L	79				72	101	
	1,4-Dioxane	50	29.7	ug/L	59				38	125	
	2,3,4,6-Tetrachlorophenol	50	43.5	ug/L	87				63	116	
	1-Methylnaphthalene	50	37.3	ug/L	75				51	114	
PB161578BSD	n-Nitrosodimethylamine	50	40.6	ug/L	81	1			55	108	20
	Pyridine	50	30.5	ug/L	61	3			29	97	20
	Benzaldehyde	50	29	ug/L	58	1			15	121	20
	Aniline	50	23.4	ug/L	47	0			10	130	20
	Phenol	50	41.4	ug/L	83	2			66	118	20
	bis(2-Chloroethyl)ether	50	43.9	ug/L	88	3			62	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF062024**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB161578BSD	2-Chlorophenol	50	44.5	ug/L	89	2			70	117	20
	1,2-Dichlorobenzene	50	40	ug/L	80	1			72	102	20
	1,3-Dichlorobenzene	50	38.2	ug/L	76	0			71	103	20
	1,4-Dichlorobenzene	50	38.6	ug/L	77	0			76	103	20
	Benzyl Alcohol	50	45.9	ug/L	92	3			36	93	20
	2-Methylphenol	50	43.4	ug/L	87	2			69	109	20
	2,2-oxybis(1-Chloropropane)	50	39.6	ug/L	79	0			52	103	20
	Acetophenone	50	38.7	ug/L	77	0			60	104	20
	3+4-Methylphenols	50	39	ug/L	78	1			67	106	20
	N-Nitroso-di-n-propylamine	50	41.2	ug/L	82	1			57	107	20
	Hexachloroethane	50	41.4	ug/L	83	0			76	118	20
	Nitrobenzene	50	39.4	ug/L	79	1			58	106	20
	Isophorone	50	42.5	ug/L	85	2			61	102	20
	2-Nitrophenol	50	55.5	ug/L	111	2			70	115	20
	2,4-Dimethylphenol	50	44.8	ug/L	90	2			67	130	20
	bis(2-Chloroethoxy)methane	50	41.5	ug/L	83	1			58	109	20
	2,4-Dichlorophenol	50	42.3	ug/L	85	2			66	115	20
	1,2,4-Trichlorobenzene	50	39.6	ug/L	79	1			41	115	20
	Benzoic acid	50	54.1	ug/L	108	6			10	125	20
	Naphthalene	50	38.3	ug/L	77	0			64	107	20
	4-Chloroaniline	50	21.9	ug/L	44	4			10	85	20
	Hexachlorobutadiene	50	38.1	ug/L	76	0			69	101	20
	Caprolactam	50	44.8	ug/L	90	1			58	128	20
	4-Chloro-3-methylphenol	50	43.1	ug/L	86	1			65	114	20
	2-Methylnaphthalene	50	38.8	ug/L	78	1			64	107	20
	Hexachlorocyclopentadiene	100	97.8	ug/L	98	2			36	160	20
	2,4,6-Trichlorophenol	50	44.8	ug/L	90	3			61	110	20
	2,4,5-Trichlorophenol	50	42	ug/L	84	0			70	106	20
	1,1-Biphenyl	50	37.9	ug/L	76	0			72	98	20
	2-Chloronaphthalene	50	38.6	ug/L	77	0			59	106	20
	2-Nitroaniline	50	49.4	ug/L	99	3			58	107	20
	Dimethylphthalate	50	42.9	ug/L	86	1			64	103	20
	Acenaphthylene	50	41.1	ug/L	82	1			65	108	20
	2,6-Dinitrotoluene	50	46.9	ug/L	94	0			64	110	20
	3-Nitroaniline	50	34.3	ug/L	69	0			28	100	20
	Acenaphthene	50	43.3	ug/L	87	1			59	113	20
	Total PAH	800	705.3	ug/L	88	0			59	113	20
	2,4-Dinitrophenol	100	98.2	ug/L	98	0			64	132	20
	4-Nitrophenol	100	90.7	ug/L	91	0			68	116	20
	Dibenzofuran	50	39	ug/L	78	1			65	106	20
	2,4-Dinitrotoluene	50	50	ug/L	100	0			60	115	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	96.9	ug/L	97	0			60	115	20
	Diethylphthalate	50	42.9	ug/L	86	1			63	105	20
	4-Chlorophenyl-phenylether	50	38.5	ug/L	77	1			61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF062024**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB161578BSD	Fluorene	50	37.4	ug/L	75	1			64	107	20
	4-Nitroaniline	50	40.7	ug/L	81	3			69	112	20
	4,6-Dinitro-2-methylphenol	50	54	ug/L	108	0			62	132	20
	N-Nitrosodiphenylamine	50	40.4	ug/L	81	1			61	109	20
	Azobenzene	50	40.6	ug/L	81	1			59	106	20
	4-Bromophenyl-phenylether	50	41.6	ug/L	83	0			73	103	20
	Hexachlorobenzene	50	40.4	ug/L	81	0			73	106	20
	Atrazine	50	46.3	ug/L	93	4			76	120	20
	Pentachlorophenol	100	77	ug/L	77	0			47	114	20
	Phenanthrene	50	39.2	ug/L	78	2			62	109	20
	Anthracene	50	38.8	ug/L	78	2			65	110	20
	Carbazole	50	37.9	ug/L	76	1			62	106	20
	Di-n-butylphthalate	50	43.7	ug/L	87	2			64	106	20
	Fluoranthene	50	37.2	ug/L	74	1			64	110	20
	Benzidine	100	7.5	ug/L	8	21	*	*	10	94	20
	Pyrene	50	42.6	ug/L	85	1			71	103	20
	Butylbenzylphthalate	50	58.4	ug/L	117	5	*		61	105	20
	3,3-Dichlorobenzidine	50	42.2	ug/L	84	2			43	108	20
	Benzo(a)anthracene	50	41.7	ug/L	83	1			62	107	20
	Chrysene	50	42.2	ug/L	84	1			61	108	20
	bis(2-Ethylhexyl)phthalate	50	60.8	ug/L	122	1	*		59	110	20
	Di-n-octyl phthalate	50	66.1	ug/L	132	5	*		67	126	20
	Benzo(b)fluoranthene	50	48	ug/L	96	3			77	113	20
	Benzo(k)fluoranthene	50	47.8	ug/L	96	3			64	113	20
	Benzo(a)pyrene	50	50.9	ug/L	102	1			72	131	20
	Indeno(1,2,3-cd)pyrene	50	53	ug/L	106	2	*		72	105	20
	Dibenz(a,h)anthracene	50	53.6	ug/L	107	1			78	115	20
	Benzo(g,h,i)perylene	50	50.2	ug/L	100	2			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	39.5	ug/L	79	0			72	101	20
	1,4-Dioxane	50	29.5	ug/L	59	1			38	125	20
	2,3,4,6-Tetrachlorophenol	50	44.1	ug/L	88	1			63	116	20
	1-Methylnaphthalene	50	37.2	ug/L	74	0			51	114	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF062024**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161609BS	n-Nitrosodimethylamine	50	40.7	ug/L	81				55	108	
	Pyridine	50	29.7	ug/L	59				29	97	
	Benzaldehyde	50	29.1	ug/L	58				15	121	
	Aniline	50	22.8	ug/L	46				10	130	
	Phenol	50	41	ug/L	82				66	118	
	bis(2-Chloroethyl)ether	50	42.5	ug/L	85				62	103	
	2-Chlorophenol	50	44.1	ug/L	88				70	117	
	1,2-Dichlorobenzene	50	40.3	ug/L	81				72	102	
	1,3-Dichlorobenzene	50	38.4	ug/L	77				71	103	
	1,4-Dichlorobenzene	50	38.9	ug/L	78				76	103	
	Benzyl Alcohol	50	45.1	ug/L	90				36	93	
	2-Methylphenol	50	43.1	ug/L	86				69	109	
	2,2-oxybis(1-Chloropropane)	50	40.1	ug/L	80				52	103	
	Acetophenone	50	38.9	ug/L	78				60	104	
	3+4-Methylphenols	50	38.9	ug/L	78				67	106	
	N-Nitroso-di-n-propylamine	50	41.4	ug/L	83				57	107	
	Hexachloroethane	50	41.8	ug/L	84				76	118	
	Nitrobenzene	50	39.7	ug/L	79				58	106	
	Isophorone	50	42	ug/L	84				61	102	
	2-Nitrophenol	50	54.6	ug/L	109				70	115	
	2,4-Dimethylphenol	50	44.6	ug/L	89				67	130	
	bis(2-Chloroethoxy)methane	50	41.6	ug/L	83				58	109	
	2,4-Dichlorophenol	50	42.3	ug/L	85				66	115	
	1,2,4-Trichlorobenzene	50	39.7	ug/L	79				41	115	
	Benzoic acid	50	52.6	ug/L	105				10	125	
	Naphthalene	50	38.8	ug/L	78				64	107	
	4-Chloroaniline	50	21.6	ug/L	43				10	85	
	Hexachlorobutadiene	50	38.5	ug/L	77				69	101	
	Caprolactam	50	46.3	ug/L	93				58	128	
	4-Chloro-3-methylphenol	50	43.2	ug/L	86				65	114	
	2-Methylnaphthalene	50	39.4	ug/L	79				64	107	
	Hexachlorocyclopentadiene	100	97.7	ug/L	98				36	160	
	2,4,6-Trichlorophenol	50	44	ug/L	88				61	110	
	2,4,5-Trichlorophenol	50	41.7	ug/L	83				70	106	
	1,1-Biphenyl	50	38.5	ug/L	77				72	98	
	2-Chloronaphthalene	50	38.8	ug/L	78				59	106	
	2-Nitroaniline	50	48.5	ug/L	97				58	107	
	Dimethylphthalate	50	42.9	ug/L	86				64	103	
	Acenaphthylene	50	41.5	ug/L	83				65	108	
	2,6-Dinitrotoluene	50	47.5	ug/L	95				64	110	
	3-Nitroaniline	50	35.3	ug/L	71				28	100	
	Acenaphthene	50	43.6	ug/L	87				59	113	
	Total PAH	800	710	ug/L	89				59	113	
	2,4-Dinitrophenol	100	96.7	ug/L	97				64	132	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF062024**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits		RPD
								Qual		High		
PB161609BS	4-Nitrophenol	100	93	ug/L	93				68	116		
	Dibenzofuran	50	39.8	ug/L	80				65	106		
	2,4-Dinitrotoluene/2,6-Dinitrotc	100	98.6	ug/L	99				60	115		
	2,4-Dinitrotoluene	50	51.1	ug/L	102				60	115		
	Diethylphthalate	50	42.5	ug/L	85				63	105		
	4-Chlorophenyl-phenylether	50	38.6	ug/L	77				61	104		
	Fluorene	50	37.7	ug/L	75				64	107		
	4-Nitroaniline	50	40.7	ug/L	81				69	112		
	4,6-Dinitro-2-methylphenol	50	53.4	ug/L	107				62	132		
	N-Nitrosodiphenylamine	50	40.6	ug/L	81				61	109		
	Azobenzene	50	40.6	ug/L	81				59	106		
	4-Bromophenyl-phenylether	50	41.6	ug/L	83				73	103		
	Hexachlorobenzene	50	40.7	ug/L	81				73	106		
	Atrazine	50	45.8	ug/L	92				76	120		
	Pentachlorophenol	100	78.7	ug/L	79				47	114		
	Phenanthrene	50	39.3	ug/L	79				62	109		
	Anthracene	50	39.4	ug/L	79				65	110		
	Carbazole	50	39	ug/L	78				62	106		
	Di-n-butylphthalate	50	43.8	ug/L	88				64	106		
	Fluoranthene	50	39	ug/L	78				64	110		
	Benzidine	100	8.2	ug/L	8		*		10	94		
	Pyrene	50	43.5	ug/L	87				71	103		
	Butylbenzylphthalate	50	58.1	ug/L	116		*		61	105		
	3,3-Dichlorobenzidine	50	42.8	ug/L	86				43	108		
	Benzo(a)anthracene	50	42.5	ug/L	85				62	107		
	Chrysene	50	42.2	ug/L	84				61	108		
	bis(2-Ethylhexyl)phthalate	50	59.5	ug/L	119		*		59	110		
	Di-n-octyl phthalate	50	65.3	ug/L	131		*		67	126		
	Benzo(b)fluoranthene	50	47	ug/L	94				77	113		
	Benzo(k)fluoranthene	50	46.6	ug/L	93				64	113		
	Benzo(a)pyrene	50	50.8	ug/L	102				72	131		
	Indeno(1,2,3-cd)pyrene	50	53.7	ug/L	107		*		72	105		
	Dibenz(a,h)anthracene	50	54.1	ug/L	108				78	115		
	Benzo(g,h,i)perylene	50	50.3	ug/L	101				75	118		
	1,2,4,5-Tetrachlorobenzene	50	39.4	ug/L	79				72	101		
	1,4-Dioxane	50	30.1	ug/L	60				38	125		
	2,3,4,6-Tetrachlorophenol	50	44.1	ug/L	88				63	116		
	1-Methylnaphthalene	50	37.6	ug/L	75				51	114		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161578BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF062024

SAS No.: BF062024 SDG NO.: BF062024

Lab File ID: BF138260.D

Lab Sample ID: PB161578BL

Instrument ID: BNA_F

Date Extracted: 06/19/2024

Matrix: (soil/water) Water

Date Analyzed: 06/20/2024

Level: (low/med) LOW

Time Analyzed: 12:32

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161578BS	PB161578BS	BF138261.D	06/20/2024
PB161578BSD	PB161578BSD	BF138262.D	06/20/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TP-1

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF062024

SAS No.: BF062024 SDG NO.: BF062024

Lab File ID: BF138276.D

Lab Sample ID: P2955-05

Instrument ID: BNA_F

Date Extracted: 06/19/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/20/2024

Level: (low/med) LOW

Time Analyzed: 22:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP-1	P2955-05	BF138276.D	06/20/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

OSTL-C4

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF062024

SAS No.: BF062024 SDG NO.: BF062024

Lab File ID: BF138273.D

Lab Sample ID: P2977-16

Instrument ID: BNA_F

Date Extracted: 06/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/20/2024

Level: (low/med) LOW

Time Analyzed: 20:43

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
OSTL-C4	P2977-16	BF138273.D	06/20/2024
OSTL-B5	P2977-11	BF138274.D	06/20/2024
OSTL-A2	P2977-02	BF138275.D	06/20/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161609BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF062024

SAS No.: BF062024 SDG NO.: BF062024

Lab File ID: BF138263.D

Lab Sample ID: PB161609BL

Instrument ID: BNA_F

Date Extracted: 06/20/2024

Matrix: (soil/water) water

Date Analyzed: 06/20/2024

Level: (low/med) LOW

Time Analyzed: 15:36

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161609BS	PB161609BS	BF138264.D	06/20/2024
WCS-TPE	P2930-04	BF138265.D	06/20/2024
WCS-TPEMS	P2930-04MS	BF138266.D	06/20/2024
WCS-TPEMSD	P2930-04MSD	BF138267.D	06/20/2024
VK-1	P2955-04	BF138268.D	06/20/2024
TP-1	P2955-08	BF138269.D	06/20/2024
WC-W-01-202406	P2956-02	BF138270.D	06/20/2024
WC-S-01-202406	P2956-04	BF138271.D	06/20/2024
MH-K-COMP	P2976-04	BF138272.D	06/20/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2930-04MS	Client Sample ID:	WCS-TPEMS					DataFile:	BF138266.D		
n-Nitrosodimethylamine	500		430	ug/L	86				10	130	
Pyridine	500		360	ug/L	72				10	109	
Benzaldehyde	500		110	ug/L	22				10	137	
Aniline	500		320	ug/L	64				10	130	
Phenol	500		430	ug/L	86				10	130	
bis(2-Chloroethyl)ether	500		460	ug/L	92				29	141	
2-Chlorophenol	500		480	ug/L	96				23	127	
1,2-Dichlorobenzene	500		430	ug/L	86				61	114	
1,3-Dichlorobenzene	500		420	ug/L	84				65	106	
1,4-Dichlorobenzene	500		420	ug/L	84				55	125	
Benzyl Alcohol	500		490	ug/L	98	*			31	94	
2-Methylphenol	500		470	ug/L	94				23	132	
2,2-oxybis(1-Chloropropane)	500		440	ug/L	88				36	141	
Acetophenone	500		400	ug/L	80				31	164	
3+4-Methylphenols	500		440	ug/L	88				17	136	
N-Nitroso-di-n-propylamine	500		460	ug/L	92				36	147	
Hexachloroethane	500		450	ug/L	90				35	137	
Nitrobenzene	500		440	ug/L	88				40	134	
Isophorone	500		470	ug/L	94				39	146	
2-Nitrophenol	500		600	ug/L	120				30	148	
2,4-Dimethylphenol	500		510	ug/L	102				17	143	
bis(2-Chloroethoxy)methane	500		470	ug/L	94				39	143	
2,4-Dichlorophenol	500		480	ug/L	96				22	146	
1,2,4-Trichlorobenzene	500		440	ug/L	88				66	110	
Benzoic acid	500		460	ug/L	92				10	101	
Naphthalene	500		430	ug/L	86				17	157	
4-Chloroaniline	500		200	ug/L	40				10	95	
Hexachlorobutadiene	500		430	ug/L	86				52	125	
Caprolactam	500		430	ug/L	86				10	130	
4-Chloro-3-methylphenol	500		490	ug/L	98				17	148	
2-Methylnaphthalene	500		450	ug/L	90				38	146	
Hexachlorocyclopentadiene	1000		1200	ug/L	120				20	153	
2,4,6-Trichlorophenol	500		500	ug/L	100				46	139	
2,4,5-Trichlorophenol	500		490	ug/L	98				42	129	
1,1-Biphenyl	500		430	ug/L	86				38	154	
2-Chloronaphthalene	500		450	ug/L	90				41	145	
2-Nitroaniline	500		550	ug/L	110				39	151	
Dimethylphthalate	500		510	ug/L	102				42	147	
Acenaphthylene	500		490	ug/L	98				40	141	
2,6-Dinitrotoluene	500		540	ug/L	108				43	148	
3-Nitroaniline	500		270	ug/L	54				10	111	
Acenaphthene	500		500	ug/L	100				37	146	
Total PAH	8000		7520	ug/L	94				37	146	
2,4-Dinitrophenol	1000		970	ug/L	97				14	167	
4-Nitrophenol	1000		840	ug/L	84				10	130	
Dibenzofuran	500		460	ug/L	92				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		580	ug/L	116				40	151	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1120	ug/L	112				40	151	
Diethylphthalate	500		510	ug/L	102				41	148	
4-Chlorophenyl-phenylether	500		450	ug/L	90				38	149	
Fluorene	500		440	ug/L	88				39	144	
4-Nitroaniline	500		450	ug/L	90				27	138	
4,6-Dinitro-2-methylphenol	500		600	ug/L	120				32	175	
N-Nitrosodiphenylamine	500		500	ug/L	100				40	150	
Azobenzene	500		470	ug/L	94				72	112	
4-Bromophenyl-phenylether	500		510	ug/L	102				42	151	
Hexachlorobenzene	500		490	ug/L	98				60	129	
Atrazine	500		530	ug/L	106				20	162	
Pentachlorophenol	1000		890	ug/L	89				15	137	
Phenanthrene	500		480	ug/L	96				40	147	
Anthracene	500		490	ug/L	98				41	146	
Carbazole	500		440	ug/L	88				37	154	
Di-n-butylphthalate	500		530	ug/L	106				40	151	
Fluoranthene	500		420	ug/L	84				42	146	
Benzidine	1000		540	ug/L	54				10	130	
Pyrene	500		460	ug/L	92				41	149	
Butylbenzylphthalate	500		650	ug/L	130				39	155	
3,3-Dichlorobenzidine	500		430	ug/L	86				10	114	
Benzo(a)anthracene	500		500	ug/L	100				41	147	
Chrysene	500		510	ug/L	102				44	144	
bis(2-Ethylhexyl)phthalate	500		760	ug/L	152				33	160	
Di-n-octyl phthalate	500		910	ug/L	182	*			36	158	
Benzo(b)fluoranthene	500		480	ug/L	96				40	150	
Benzo(k)fluoranthene	500		450	ug/L	90				40	147	
Benzo(a)pyrene	500		520	ug/L	104				42	147	
Indeno(1,2,3-cd)pyrene	500		470	ug/L	94				30	166	
Dibenz(a,h)anthracene	500		460	ug/L	92				23	172	
Benzo(g,h,i)perylene	500		420	ug/L	84				27	167	
1,2,4,5-Tetrachlorobenzene	500		420	ug/L	84	*			89	102	
1,4-Dioxane	500		370	ug/L	74				38	130	
2,3,4,6-Tetrachlorophenol	500		520	ug/L	104				91	111	
1-Methylnaphthalene	500		430	ug/L	86				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2930-04MSD		Client Sample ID: WCS-TPEMSD		DataFile: BF138267.D							
n-Nitrosodimethylamine	500		440	ug/L	88		2		10	130	20
Pyridine	500		360	ug/L	72		0		10	109	20
Benzaldehyde	500		120	ug/L	24		9		10	137	20
Aniline	500		280	ug/L	56		13		10	130	20
Phenol	500		430	ug/L	86		0		10	130	20
bis(2-Chloroethyl)ether	500		490	ug/L	98		6		29	141	20
2-Chlorophenol	500		480	ug/L	96		0		23	127	20
1,2-Dichlorobenzene	500		430	ug/L	86		0		61	114	20
1,3-Dichlorobenzene	500		420	ug/L	84		0		65	106	20
1,4-Dichlorobenzene	500		420	ug/L	84		0		55	125	20
Benzyl Alcohol	500		500	ug/L	100	*	2		31	94	20
2-Methylphenol	500		470	ug/L	94		0		23	132	20
2,2-oxybis(1-Chloropropane)	500		440	ug/L	88		0		36	141	20
Acetophenone	500		400	ug/L	80		0		31	164	20
3+4-Methylphenols	500		430	ug/L	86		2		17	136	20
N-Nitroso-di-n-propylamine	500		460	ug/L	92		0		36	147	20
Hexachloroethane	500		450	ug/L	90		0		35	137	20
Nitrobenzene	500		440	ug/L	88		0		40	134	20
Isophorone	500		470	ug/L	94		0		39	146	20
2-Nitrophenol	500		590	ug/L	118		2		30	148	20
2,4-Dimethylphenol	500		510	ug/L	102		0		17	143	20
bis(2-Chloroethoxy)methane	500		470	ug/L	94		0		39	143	20
2,4-Dichlorophenol	500		470	ug/L	94		2		22	146	20
1,2,4-Trichlorobenzene	500		430	ug/L	86		2		66	110	20
Benzoic acid	500		440	ug/L	88		4		10	101	20
Naphthalene	500		430	ug/L	86		0		17	157	20
4-Chloroaniline	500		180	ug/L	36		11		10	95	20
Hexachlorobutadiene	500		420	ug/L	84		2		52	125	20
Caprolactam	500		430	ug/L	86		0		10	130	20
4-Chloro-3-methylphenol	500		480	ug/L	96		2		17	148	20
2-Methylnaphthalene	500		450	ug/L	90		0		38	146	20
Hexachlorocyclopentadiene	1000		1200	ug/L	120		0		20	153	20
2,4,6-Trichlorophenol	500		500	ug/L	100		0		46	139	20
2,4,5-Trichlorophenol	500		490	ug/L	98		0		42	129	20
1,1-Biphenyl	500		430	ug/L	86		0		38	154	20
2-Chloronaphthalene	500		450	ug/L	90		0		41	145	20
2-Nitroaniline	500		540	ug/L	108		2		39	151	20
Dimethylphthalate	500		500	ug/L	100		2		42	147	20
Acenaphthylene	500		490	ug/L	98		0		40	141	20
2,6-Dinitrotoluene	500		530	ug/L	106		2		43	148	20
3-Nitroaniline	500		250	ug/L	50		8		10	111	20
Acenaphthene	500		490	ug/L	98		2		37	146	20
Total PAH	8000		7430	ug/L	93		1		37	146	20
2,4-Dinitrophenol	1000		930	ug/L	93		4		14	167	20
4-Nitrophenol	1000		810	ug/L	81		4		10	130	20
Dibenzofuran	500		450	ug/L	90		2		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		570	ug/L	114		2		40	151	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1100	ug/L	110		2		40	151	20
Diethylphthalate	500		490	ug/L	98		4		41	148	20
4-Chlorophenyl-phenylether	500		450	ug/L	90		0		38	149	20
Fluorene	500		430	ug/L	86		2		39	144	20
4-Nitroaniline	500		440	ug/L	88		2		27	138	20
4,6-Dinitro-2-methylphenol	500		580	ug/L	116		3		32	175	20
N-Nitrosodiphenylamine	500		500	ug/L	100		0		40	150	20
Azobenzene	500		460	ug/L	92		2		72	112	20
4-Bromophenyl-phenylether	500		510	ug/L	102		0		42	151	20
Hexachlorobenzene	500		490	ug/L	98		0		60	129	20
Atrazine	500		540	ug/L	108		2		20	162	20
Pentachlorophenol	1000		870	ug/L	87		2		15	137	20
Phenanthrene	500		470	ug/L	94		2		40	147	20
Anthracene	500		480	ug/L	96		2		41	146	20
Carbazole	500		440	ug/L	88		0		37	154	20
Di-n-butylphthalate	500		520	ug/L	104		2		40	151	20
Fluoranthene	500		410	ug/L	82		2		42	146	20
Benzydine	1000		610	ug/L	61		12		10	130	20
Pyrene	500		450	ug/L	90		2		41	149	20
Butylbenzylphthalate	500		660	ug/L	132		2		39	155	20
3,3-Dichlorobenzidine	500		430	ug/L	86		0		10	114	20
Benzo(a)anthracene	500		500	ug/L	100		0		41	147	20
Chrysene	500		500	ug/L	100		2		44	144	20
bis(2-Ethylhexyl)phthalate	500		770	ug/L	154		1		33	160	20
Di-n-octyl phthalate	500		940	ug/L	188	*	3		36	158	20
Benzo(b)fluoranthene	500		480	ug/L	96		0		40	150	20
Benzo(k)fluoranthene	500		470	ug/L	94		4		40	147	20
Benzo(a)pyrene	500		520	ug/L	104		0		42	147	20
Indeno(1,2,3-cd)pyrene	500		460	ug/L	92		2		30	166	20
Dibenz(a,h)anthracene	500		450	ug/L	90		2		23	172	20
Benzo(g,h,i)perylene	500		400	ug/L	80		5		27	167	20
1,2,4,5-Tetrachlorobenzene	500		430	ug/L	86	*	2		89	102	20
1,4-Dioxane	500		360	ug/L	72		3		38	130	20
2,3,4,6-Tetrachlorophenol	500		500	ug/L	100		4		91	111	20
1-Methylnaphthalene	500		420	ug/L	84		2		25	151	20



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

Surrogate Summary

SW-846

SDG No.: **BF062024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161578BL	PB161578BL	BF138260.D	2-Fluorophenol	150	108.82	73		10	139
			Phenol-d6	150	108.69	72		10	134
			Nitrobenzene-d5	100	77.26	77		49	133
			2-Fluorobiphenyl	100	69.17	69		52	132
			2,4,6-Tribromophenol	150	119.23	79		32	145
			Terphenyl-d14	100	69.77	70		36	145
PB161578BS	PB161578BS	BF138261.D	2-Fluorophenol	150	110.24	73		10	139
			Phenol-d6	150	109.61	73		10	134
			Nitrobenzene-d5	100	77.20	77		49	133
			2-Fluorobiphenyl	100	68.58	69		52	132
			2,4,6-Tribromophenol	150	117.09	78		32	145
			Terphenyl-d14	100	78.46	78		36	145
PB161578BSD	PB161578BSD	BF138262.D	2-Fluorophenol	150	111.04	74		10	139
			Phenol-d6	150	110.55	74		10	134
			Nitrobenzene-d5	100	78.40	78		49	133
			2-Fluorobiphenyl	100	68.29	68		52	132
			2,4,6-Tribromophenol	150	119.38	80		32	145
			Terphenyl-d14	100	80.95	81		36	145



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Surrogate Summary

SW-846

SDG No.: BF062024

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2955-05	TP-1	BF138276.D	2-Fluorophenol	150	63.22	42		18	112
			Phenol-d6	150	60.29	40		15	107
			Nitrobenzene-d5	100	44.88	45		18	107
			2-Fluorobiphenyl	100	44.78	45		20	109
			2,4,6-Tribromophenol	150	58.56	39		10	110
			Terphenyl-d14	100	33.36	33		14	112

Surrogate Summary

SW-846

SDG No.: **BF062024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2977-02	OSTL-A2	BF138275.D	2-Fluorophenol	150	76.12	51		18	112
			Phenol-d6	150	74.05	49		15	107
			Nitrobenzene-d5	100	50.84	51		18	107
			2-Fluorobiphenyl	100	48.69	49		20	109
			2,4,6-Tribromophenol	150	74.83	50		10	110
			Terphenyl-d14	100	49.96	50		14	112
P2977-11	OSTL-B5	BF138274.D	2-Fluorophenol	150	76.42	51		18	112
			Phenol-d6	150	74.38	50		15	107
			Nitrobenzene-d5	100	52.55	53		18	107
			2-Fluorobiphenyl	100	50.31	50		20	109
			2,4,6-Tribromophenol	150	75.96	51		10	110
			Terphenyl-d14	100	50.64	51		14	112
P2977-16	OSTL-C4	BF138273.D	2-Fluorophenol	150	72.23	48		18	112
			Phenol-d6	150	70.59	47		15	107
			Nitrobenzene-d5	100	47.54	48		18	107
			2-Fluorobiphenyl	100	46.86	47		20	109
			2,4,6-Tribromophenol	150	76.15	51		10	110
			Terphenyl-d14	100	54.18	54		14	112

Surrogate Summary

SW-846

SDG No.: **BF062024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2930-04	WCS-TPE	BF138265.D	2-Fluorophenol	150	109.30	73		10	139
			Phenol-d6	150	100.60	67		10	134
			Nitrobenzene-d5	100	81.72	82		49	133
			2-Fluorobiphenyl	100	73.08	73		52	132
			2,4,6-Tribromophenol	150	129.22	86		32	145
			Terphenyl-d14	100	87.25	87		36	145
P2930-04MS	WCS-TPEMS	BF138266.D	2-Fluorophenol	150	113.14	75		10	139
			Phenol-d6	150	106.39	71		10	134
			Nitrobenzene-d5	100	83.41	83		49	133
			2-Fluorobiphenyl	100	78.35	78		52	132
			2,4,6-Tribromophenol	150	128.65	86		32	145
			Terphenyl-d14	100	83.70	84		36	145
P2930-04MSD	WCS-TPEMSD	BF138267.D	2-Fluorophenol	150	112.81	75		10	139
			Phenol-d6	150	106.34	71		10	134
			Nitrobenzene-d5	100	82.25	82		49	133
			2-Fluorobiphenyl	100	78.53	79		52	132
			2,4,6-Tribromophenol	150	123.82	83		32	145
			Terphenyl-d14	100	81.49	81		36	145
P2955-04	VK-1	BF138268.D	2-Fluorophenol	150	118.33	79		10	139
			Phenol-d6	150	110.84	74		10	134
			Nitrobenzene-d5	100	86.86	87		49	133
			2-Fluorobiphenyl	100	76.15	76		52	132
			2,4,6-Tribromophenol	150	130.02	87		32	145
			Terphenyl-d14	100	87.88	88		36	145
P2955-08	TP-1	BF138269.D	2-Fluorophenol	150	115.52	77		10	139
			Phenol-d6	150	106.16	71		10	134
			Nitrobenzene-d5	100	86.38	86		49	133
			2-Fluorobiphenyl	100	76.85	77		52	132
			2,4,6-Tribromophenol	150	128.88	86		32	145
			Terphenyl-d14	100	87.53	88		36	145
P2956-02	WC-W-01-202406	BF138270.D	2-Fluorophenol	150	113.62	76		10	139
			Phenol-d6	150	103.57	69		10	134
			Nitrobenzene-d5	100	86.27	86		49	133
			2-Fluorobiphenyl	100	76.74	77		52	132
			2,4,6-Tribromophenol	150	112.28	75		32	145
			Terphenyl-d14	100	85.75	86		36	145
P2956-04	WC-S-01-202406	BF138271.D	2-Fluorophenol	150	123.91	83		10	139
			Phenol-d6	150	119.21	79		10	134
			Nitrobenzene-d5	100	85.58	86		49	133
			2-Fluorobiphenyl	100	75.55	76		52	132
			2,4,6-Tribromophenol	150	130.96	87		32	145
			Terphenyl-d14	100	93.11	93		36	145
P2976-04	MH-K-COMP	BF138272.D	2-Fluorophenol	150	107.07	71		10	139
			Phenol-d6	150	99.98	67		10	134
			Nitrobenzene-d5	100	74.25	74		49	133
			2-Fluorobiphenyl	100	71.29	71		52	132
			2,4,6-Tribromophenol	150	122.58	82		32	145
			Terphenyl-d14	100	87.52	88		36	145
PB161609BL	PB161609BL	BF138263.D	2-Fluorophenol	150	109.78	73		10	139



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Surrogate Summary

SW-846

SDG No.: BF062024

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161609BL	PB161609BL	BF138263.D	Phenol-d6	150	107.54	72		10	134
			Nitrobenzene-d5	100	77.00	77		49	133
			2-Fluorobiphenyl	100	69.59	70		52	132
			2,4,6-Tribromophenol	150	117.55	78		32	145
			Terphenyl-d14	100	67.09	67		36	145
PB161609BS	PB161609BS	BF138264.D	2-Fluorophenol	150	110.51	74		10	139
			Phenol-d6	150	110.00	73		10	134
			Nitrobenzene-d5	100	78.68	79		49	133
			2-Fluorobiphenyl	100	68.56	69		52	132
			2,4,6-Tribromophenol	150	120.36	80		32	145
			Terphenyl-d14	100	79.95	80		36	145

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF062024

Lab Code: CHEM

SAS No.: BF062024

SDG NO.: BF062024

Lab File ID: BF138258.D

DFTPP Injection Date: 06/20/2024

Instrument ID: BNA_F

DFTPP Injection Time: 11:14

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.5
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	28.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	41.4
197	Less than 2.0% of mass 198	0.5
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	29.4
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	16
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.8 (19.8) 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	BF138259.D	06/20/2024	11:45
PB161578BL	PB161578BL	BF138260.D	06/20/2024	12:32
PB161578BS	PB161578BS	BF138261.D	06/20/2024	13:02
PB161578BSD	PB161578BSD	BF138262.D	06/20/2024	13:32
PB161609BL	PB161609BL	BF138263.D	06/20/2024	15:36
PB161609BS	PB161609BS	BF138264.D	06/20/2024	16:05
WCS-TPE	P2930-04	BF138265.D	06/20/2024	16:41
WCS-TPEMS	P2930-04MS	BF138266.D	06/20/2024	17:11
WCS-TPEMSD	P2930-04MSD	BF138267.D	06/20/2024	17:41
VK-1	P2955-04	BF138268.D	06/20/2024	18:12
TP-1	P2955-08	BF138269.D	06/20/2024	18:42
WC-W-01-202406	P2956-02	BF138270.D	06/20/2024	19:12
WC-S-01-202406	P2956-04	BF138271.D	06/20/2024	19:42
MH-K-COMP	P2976-04	BF138272.D	06/20/2024	20:13
OSTL-C4	P2977-16	BF138273.D	06/20/2024	20:43
OSTL-B5	P2977-11	BF138274.D	06/20/2024	21:13
OSTL-A2	P2977-02	BF138275.D	06/20/2024	21:43
TP-1	P2955-05	BF138276.D	06/20/2024	22:12