

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF111124 SAS No.: BF111124 SDG No.: BF111124
Instrument ID: BNA_F Calibration Date/Time: 11/11/2024 : 14:40
Lab File ID: BF140316.D Init. Calib. Date(s): _____
EPA Sample No.: SSTDICCC040 Init. Calib. Time(s): _____
GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.658	0.675		2.584	
Pyridine	1.255	1.287		2.55	
2-Fluorophenol	1.158	1.131		-2.332	
Benzaldehyde	0.919	0.839		-8.705	
Aniline	1.357	1.363		0.442	
Phenol-d6	1.538	1.489		-3.186	
Phenol	1.632	1.594		-2.328	20.0
bis(2-Chloroethyl) ether	1.250	1.214		-2.88	
2-Chlorophenol	1.229	1.190		-3.173	
1,2-Dichlorobenzene	1.291	1.248		-3.331	
1,3-Dichlorobenzene	1.386	1.353		-2.31	
1,4-Dichlorobenzene	1.397	1.367		-2.147	20.0
Benzyl Alcohol	1.137	1.117		-1.759	
2-Methylphenol	1.009	0.993		-1.586	
2,2-oxybis(1-Chloropropane)	1.711	1.677		-1.987	
Acetophenone	0.465	0.445		-4.301	
3+4-Methylphenols	1.264	1.213		-4.035	
n-Nitroso-di-n-propylamine	0.937	0.896	0.050	-4.376	
Nitrobenzene-d5	0.385	0.377		-2.078	
Hexachloroethane	0.523	0.522		-0.191	
Nitrobenzene	0.403	0.393		-2.481	
Isophorone	0.671	0.653		-2.683	
2-Nitrophenol	0.172	0.173		0.581	20.0
2,4-Dimethylphenol	0.225	0.220		-2.222	
bis(2-Chloroethoxy) methane	0.411	0.397		-3.406	
2,4-Dichlorophenol	0.277	0.272		-1.805	20.0
1,2,4-Trichlorobenzene	0.312	0.305		-2.244	
Benzoic acid	0.194	0.210		8.247	
Naphthalene	1.002	0.965		-3.693	
4-Chloroaniline	0.347	0.337		-2.882	
Hexachlorobutadiene	0.201	0.195		-2.985	20.0
Caprolactam	0.090	0.089		-1.111	
4-Chloro-3-methylphenol	0.305	0.297		-2.623	20.0
2-Methylnaphthalene	0.638	0.609		-4.545	
Hexachlorocyclopentadiene	0.140	0.155	0.050	10.714	
2,4,6-Trichlorophenol	0.366	0.365		-0.273	20.0
2-Fluorobiphenyl	1.267	1.182		-6.709	
2,4,5-Trichlorophenol	0.396	0.391		-1.263	
1,1-Biphenyl	1.467	1.399		-4.635	

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Lab File ID: BF140316.D Init. Calib. Date(s): _____
EPA Sample No.: SSTDICCC040 Init. Calib. Time(s): _____
GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.122	1.082		-3.565	
2-Nitroaniline	0.372	0.369		-0.806	
Dimethylphthalate	1.299	1.244		-4.234	
Acenaphthylene	1.686	1.619		-3.974	
2,6-Dinitrotoluene	0.292	0.288		-1.37	
3-Nitroaniline	0.309	0.306		-0.971	
Acenaphthene	1.142	1.104		-3.327	20.0
2,4-Dinitrophenol	0.148	0.160	0.050	8.108	
4-Nitrophenol	0.221	0.230	0.050	4.072	
Dibenzofuran	1.595	1.535		-3.762	
2,4-Dinitrotoluene	0.385	0.385		0.0	
Diethylphthalate	1.323	1.274		-3.704	
4-Chlorophenyl-phenylether	0.624	0.591		-5.288	
Fluorene	1.253	1.191		-4.948	
4-Nitroaniline	0.309	0.307		-0.647	
4,6-Dinitro-2-methylphenol	0.105	0.113		7.619	
n-Nitrosodiphenylamine	0.583	0.560		-3.945	20.0
Azobenzene	1.321	1.268		-4.012	
2,4,6-Tribromophenol	0.194	0.188		-3.093	
4-Bromophenyl-phenylether	0.200	0.195		-2.5	
Hexachlorobenzene	0.224	0.218		-2.679	
Atrazine	0.145	0.148		2.069	
Pentachlorophenol	0.126	0.133		5.556	20.0
Phenanthrene	0.940	0.894		-4.894	
Anthracene	0.919	0.885		-3.7	
Carbazole	0.900	0.870		-3.333	
Di-n-butylphthalate	1.077	1.037		-3.714	
Fluoranthene	1.029	0.966		-6.122	20.0
Benzidine	0.701	0.880		25.535	
Pyrene	1.761	1.748		-0.738	
Terphenyl-d14	1.166	1.133		-2.83	
Butylbenzylphthalate	0.670	0.670		0.0	
3,3-Dichlorobenzidine	0.419	0.415		-0.955	
Benzo(a)anthracene	1.309	1.267		-3.209	
Chrysene	1.198	1.167		-2.588	
Bis(2-ethylhexyl)phthalate	0.892	0.870		-2.466	
Di-n-octyl phthalate	1.312	1.260		-3.963	20.0
Benzo(b)fluoranthene	1.259	1.250		-0.715	
Benzo(k)fluoranthene	1.058	1.012		-4.348	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF111124 SAS No.: BF111124 SDG No.: BF111124

Instrument ID: BNA_F Calibration Date/Time: 11/11/2024 : 14:40

Lab File ID: BF140316.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDICCC040 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.017	1.003		-1.377	20.0
Indeno(1,2,3-cd)pyrene	1.233	1.285		4.217	
Dibenzo(a,h)anthracene	1.013	1.055		4.146	
Benzo(g,h,i)perylene	1.046	1.093		4.493	
1,2,4,5-Tetrachlorobenzene	0.561	0.537		-4.278	
1,4-Dioxane	0.521	0.523		0.384	20.0
2,3,4,6-Tetrachlorophenol	0.315	0.309		-1.905	
1-Methylnaphthalene	0.623	0.593		-4.815	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	ICVBF111124	SDG No.:	BF111124
Lab Sample ID:	SSTDICV040	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000000 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
BF140320.D	1		11/11/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	41300		1000	8000	10000	ug/L
110-86-1	Pyridine	41500		1600	4000	5000	ug/L
100-52-7	Benzaldehyde	38500		4000	8000	10000	ug/L
62-53-3	Aniline	40700		1600	4000	5000	ug/L
108-95-2	Phenol	39300		930	4000	5000	ug/L
111-44-4	bis(2-Chloroethyl)ether	38800		1200	4000	5000	ug/L
95-57-8	2-Chlorophenol	39500		710	4000	5000	ug/L
95-50-1	1,2-Dichlorobenzene	38800		880	4000	5000	ug/L
541-73-1	1,3-Dichlorobenzene	39600		800	4000	5000	ug/L
106-46-7	1,4-Dichlorobenzene	39000		840	4000	5000	ug/L
100-51-6	Benzyl Alcohol	39900		1600	8000	10000	ug/L
95-48-7	2-Methylphenol	40000		1100	4000	5000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39800		1400	4000	5000	ug/L
98-86-2	Acetophenone	38500		1100	4000	5000	ug/L
65794-96-9	3+4-Methylphenols	38600		1200	8000	10000	ug/L
621-64-7	n-Nitroso-di-n-propylamine	38200		1500	2500	2500	ug/L
67-72-1	Hexachloroethane	39500		1000	4000	5000	ug/L
98-95-3	Nitrobenzene	39400		1300	4000	5000	ug/L
78-59-1	Isophorone	39200		1100	4000	5000	ug/L
88-75-5	2-Nitrophenol	41200		2000	4000	5000	ug/L
105-67-9	2,4-Dimethylphenol	39700		1500	4000	5000	ug/L
111-91-1	bis(2-Chloroethoxy)methane	39100		1000	4000	5000	ug/L
120-83-2	2,4-Dichlorophenol	39600		880	4000	5000	ug/L
120-82-1	1,2,4-Trichlorobenzene	39200		1100	4000	5000	ug/L
65-85-0	Benzoic acid	44500		5500	8000	10000	ug/L
91-20-3	Naphthalene	38800		1000	4000	5000	ug/L
106-47-8	4-Chloroaniline	38500		1300	4000	5000	ug/L
87-68-3	Hexachlorobutadiene	38600		1300	4000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	ICVBF111124			SDG No.:	BF111124		
Lab Sample ID:	SSTDICV040			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BF140320.D	1		11/11/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	40800		1700	8000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	39800		840	4000	5000	ug/L
91-57-6	2-Methylnaphthalene	38900		1100	4000	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	41900		5000	8000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	40300		890	4000	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	39400		1000	4000	5000	ug/L
92-52-4	1,1-Biphenyl	38200		910	4000	5000	ug/L
91-58-7	2-Chloronaphthalene	37900		970	4000	5000	ug/L
88-74-4	2-Nitroaniline	40500		1400	4000	5000	ug/L
131-11-3	Dimethylphthalate	38900		930	4000	5000	ug/L
208-96-8	Acenaphthylene	38400		1000	4000	5000	ug/L
606-20-2	2,6-Dinitrotoluene	40500		1200	4000	5000	ug/L
99-09-2	3-Nitroaniline	40100		1400	4000	5000	ug/L
83-32-9	Acenaphthene	39200		810	4000	5000	ug/L
Total PAH	Total PAH	627700		17360	4000	80000	ug/L
51-28-5	2,4-Dinitrophenol	42300		6400	8000	10000	ug/L
100-02-7	4-Nitrophenol	42400		2000	8000	10000	ug/L
132-64-9	Dibenzofuran	38700		930	4000	5000	ug/L
121-14-2	2,4-Dinitrotoluene	40500		1500	4000	5000	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	81000		2700	4000	10000	ug/L
84-66-2	Diethylphthalate	38700		1000	4000	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	38600		980	4000	5000	ug/L
86-73-7	Fluorene	38200		960	4000	5000	ug/L
100-01-6	4-Nitroaniline	41000		2000	4000	5000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	43200		3100	8000	10000	ug/L
86-30-6	n-Nitrosodiphenylamine	38300		890	4000	5000	ug/L
103-33-3	Azobenzene	39200		1200	4000	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	38200		950	4000	5000	ug/L
118-74-1	Hexachlorobenzene	38800		1100	4000	5000	ug/L
1912-24-9	Atrazine	40400		1300	4000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	ICVBF111124			SDG No.:	BF111124		
Lab Sample ID:	SSTDICV040			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BF140320.D	1		11/11/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	42200		1900	8000	10000	ug/L
85-01-8	Phenanthrene	37800		890	4000	5000	ug/L
120-12-7	Anthracene	38500		1100	4000	5000	ug/L
86-74-8	Carbazole	38500		1200	4000	5000	ug/L
84-74-2	Di-n-butylphthalate	39100		1500	4000	5000	ug/L
206-44-0	Fluoranthene	38200		1300	4000	5000	ug/L
92-87-5	Benzidine	44600		4100	8000	10000	ug/L
129-00-0	Pyrene	38800		1100	4000	5000	ug/L
85-68-7	Butylbenzylphthalate	41000		2100	4000	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	40400		1300	8000	10000	ug/L
56-55-3	Benzo(a)anthracene	39700		940	4000	5000	ug/L
218-01-9	Chrysene	38700		860	4000	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	40700		1900	4000	5000	ug/L
117-84-0	Di-n-octyl phthalate	40900		2500	8000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	38500		1100	4000	5000	ug/L
207-08-9	Benzo(k)fluoranthene	41400		1200	4000	5000	ug/L
50-32-8	Benzo(a)pyrene	39600		1700	4000	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	40500		1000	4000	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	40900		1200	4000	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	40500		1200	4000	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	38400		1100	4000	5000	ug/L
123-91-1	1,4-Dioxane	40000		1300	4000	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	40100		790	4000	5000	ug/L
90-12-0	1-Methylnaphthalene	39100		860	4000	5000	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	79858	*	10-139		53239	SPK: -150
13127-88-3	Phenol-d6	77597	*	10-134		51731	SPK: -150
4165-60-0	Nitrobenzene-d5	79578	*	49-133		79578	SPK: -100
321-60-8	2-Fluorobiphenyl	74613	*	52-132		74613	SPK: -100

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	ICVBF111124			SDG No.:	BF111124		
Lab Sample ID:	SSTDICV040			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BF140320.D	1		11/11/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78945	*	44-137		52630	SPK: -150
1718-51-0	Terphenyl-d14	76353	*	48-125		76353	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	187985	6.881				
1146-65-2	Naphthalene-d8	692596	8.163				
15067-26-2	Acenaphthene-d10	382178	9.916				
1517-22-2	Phenanthrene-d10	717710	11.404				
1719-03-5	Chrysene-d12	420185	14.057				
1520-96-3	Perylene-d12	376807	15.551				

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	PB164711BL	SDG No.:	BF111124
Lab Sample ID:	PB164711BL	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
BF140321.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164711

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:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	PB164711BL	SDG No.:	BF111124
Lab Sample ID:	PB164711BL	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
BF140321.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164711

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:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	PB164711BL	SDG No.:	BF111124
Lab Sample ID:	PB164711BL	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
BF140321.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164711

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	151.018		10-139		101	SPK: -150
13127-88-3	Phenol-d6	149.541		10-134		100	SPK: -150
4165-60-0	Nitrobenzene-d5	102.794		49-133		103	SPK: -100
321-60-8	2-Fluorobiphenyl	99.853		52-132		100	SPK: -100

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	PB164711BL	SDG No.:	BF111124
Lab Sample ID:	PB164711BL	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
BF140321.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	152.6		44-137		102	SPK: -150
1718-51-0	Terphenyl-d14	97.717		48-125		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	135530	6.875				
1146-65-2	Naphthalene-d8	518809	8.151				
15067-26-2	Acenaphthene-d10	292211	9.91				
1517-22-2	Phenanthrene-d10	564605	11.398				
1719-03-5	Chrysene-d12	373526	14.051				
1520-96-3	Perylene-d12	289009	15.562				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3.4	J			2.24	
000141-79-7	3-Penten-2-one, 4-methyl-	6.6	A			4.504	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	38.2	A			5.116	

Report of Analysis

Client:		Date Collected:	11/10/2024 12:00:00 AM
Project:		Date Received:	11/10/2024 12:00:00 AM
Client Sample ID:	PB164848BS	SDG No.:	BF111124
Lab Sample ID:	PB164848BS	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
BF140322.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	46.3		1	8	10	ug/L
110-86-1	Pyridine	43.5		1.6	4	5	ug/L
100-52-7	Benzaldehyde	9.1	J	4	8	10	ug/L
62-53-3	Aniline	38.3		1.6	4	5	ug/L
108-95-2	Phenol	46.2		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	46.7		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	48.5		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	46.3		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	44.1		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	44.4		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	48.9		1.6	8	10	ug/L
95-48-7	2-Methylphenol	47.7		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	48.5		1.4	4	5	ug/L
98-86-2	Acetophenone	44.7		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	46.7		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	46.3		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	45		1	4	5	ug/L
98-95-3	Nitrobenzene	43.7		1.3	4	5	ug/L
78-59-1	Isophorone	46.5		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	47.7		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	56.6		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	45.9		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	46.9		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	43.1		1.1	4	5	ug/L
65-85-0	Benzoic acid	45.2		5.5	8	10	ug/L
91-20-3	Naphthalene	44.7		1	4	5	ug/L
106-47-8	4-Chloroaniline	25.1		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	43.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	11/10/2024 12:00:00 AM
Project:		Date Received:	11/10/2024 12:00:00 AM
Client Sample ID:	PB164848BS	SDG No.:	BF111124
Lab Sample ID:	PB164848BS	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
BF140322.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	46.5		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	47.2		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	46.1		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	180	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	47.5		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	45.1		1	4	5	ug/L
92-52-4	1,1-Biphenyl	44.6		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	43.7		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	47.3		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	46		0.93	4	5	ug/L
208-96-8	Acenaphthylene	48.2		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	44.8		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	26.3		1.4	4	5	ug/L
83-32-9	Acenaphthene	49.9		0.81	4	5	ug/L
Total PAH	Total PAH	761		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	94.1	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	98.2	E	2	8	10	ug/L
132-64-9	Dibenzofuran	46.3		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	46.7		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	11.5		2.7	4	10	ug/L
84-66-2	Diethylphthalate	45.6		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44.4		0.98	4	5	ug/L
86-73-7	Fluorene	45.4		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	43.5		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	48		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	47.2		0.89	4	5	ug/L
103-33-3	Azobenzene	46		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	45		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	45.8		1.1	4	5	ug/L
1912-24-9	Atrazine	62.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	11/10/2024 12:00:00 AM
Project:		Date Received:	11/10/2024 12:00:00 AM
Client Sample ID:	PB164848BS	SDG No.:	BF111124
Lab Sample ID:	PB164848BS	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
BF140322.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	90	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	46.8		0.89	4	5	ug/L
120-12-7	Anthracene	49		1.1	4	5	ug/L
86-74-8	Carbazole	46.3		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	47.2		1.5	4	5	ug/L
206-44-0	Fluoranthene	46.8		1.3	4	5	ug/L
92-87-5	Benzidine	24.6		4.1	8	10	ug/L
129-00-0	Pyrene	44.8		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	49.6		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	32.4		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	48.7		0.94	4	5	ug/L
218-01-9	Chrysene	45.6		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	50.2		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	52.4		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	47.7		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	50		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	51.1		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49.1		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	49		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	44.2		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.5		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	40.4		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	48.4		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	44		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	128.855		10-139		86	SPK: -150
13127-88-3	Phenol-d6	128.378		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	89.013		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	87.113		52-132		87	SPK: -100

Report of Analysis

Client:		Date Collected:	11/10/2024 12:00:00 AM
Project:		Date Received:	11/10/2024 12:00:00 AM
Client Sample ID:	PB164848BS	SDG No.:	BF111124
Lab Sample ID:	PB164848BS	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
BF140322.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	131.454		44-137		88	SPK: -150
1718-51-0	Terphenyl-d14	90.074		48-125		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	143737	6.875				
1146-65-2	Naphthalene-d8	548092	8.157				
15067-26-2	Acenaphthene-d10	305048	9.916				
1517-22-2	Phenanthrene-d10	567727	11.404				
1719-03-5	Chrysene-d12	350730	14.062				
1520-96-3	Perylene-d12	291643	15.58				

Report of Analysis

Client:		Date Collected:	11/10/2024 12:00:00 AM
Project:		Date Received:	11/10/2024 12:00:00 AM
Client Sample ID:	PB164793TB	SDG No.:	BF111124
Lab Sample ID:	PB164793TB	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
BF140323.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

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:	11/10/2024 12:00:00 AM
Project:		Date Received:	11/10/2024 12:00:00 AM
Client Sample ID:	PB164793TB	SDG No.:	BF111124
Lab Sample ID:	PB164793TB	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
BF140323.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

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:	11/10/2024 12:00:00 AM
Project:		Date Received:	11/10/2024 12:00:00 AM
Client Sample ID:	PB164793TB	SDG No.:	BF111124
Lab Sample ID:	PB164793TB	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
BF140323.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

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	145.585		10-139		97	SPK: -150
13127-88-3	Phenol-d6	141.846		10-134		95	SPK: -150
4165-60-0	Nitrobenzene-d5	99.133		49-133		99	SPK: -100
321-60-8	2-Fluorobiphenyl	95.18		52-132		95	SPK: -100

Report of Analysis

Client:		Date Collected:	11/10/2024 12:00:00 AM
Project:		Date Received:	11/10/2024 12:00:00 AM
Client Sample ID:	PB164793TB	SDG No.:	BF111124
Lab Sample ID:	PB164793TB	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
BF140323.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.677		44-137		95	SPK: -150
1718-51-0	Terphenyl-d14	99.901		48-125		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125988	6.875				
1146-65-2	Naphthalene-d8	481238	8.157				
15067-26-2	Acenaphthene-d10	273075	9.91				
1517-22-2	Phenanthrene-d10	525534	11.398				
1719-03-5	Chrysene-d12	324752	14.045				
1520-96-3	Perylene-d12	261727	15.551				

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	P-1	SDG No.:	BF111124
Lab Sample ID:	P4771-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140324.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

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	25.6	J	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:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	P-1	SDG No.:	BF111124
Lab Sample ID:	P4771-06	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
BF140324.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

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:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	P-1	SDG No.:	BF111124
Lab Sample ID:	P4771-06	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
BF140324.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

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	40.8	J	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	131.666		10-139		88	SPK: -150
13127-88-3	Phenol-d6	128.296		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	93.055		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	87.445		52-132		87	SPK: -100

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	P-1	SDG No.:	BF111124
Lab Sample ID:	P4771-06	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
BF140324.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	153.36		44-137		102	SPK: -150
1718-51-0	Terphenyl-d14	102.467		48-125		102	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126219	6.875				
1146-65-2	Naphthalene-d8	472881	8.157				
15067-26-2	Acenaphthene-d10	263934	9.91				
1517-22-2	Phenanthrene-d10	496947	11.398				
1719-03-5	Chrysene-d12	307666	14.045				
1520-96-3	Perylene-d12	256356	15.545				

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	P-2	SDG No.:	BF111124
Lab Sample ID:	P4771-08	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
BF140325.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

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:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	P-2	SDG No.:	BF111124
Lab Sample ID:	P4771-08	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
BF140325.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

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:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	P-2	SDG No.:	BF111124
Lab Sample ID:	P4771-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140325.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

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	145.944		10-139		97	SPK: -150
13127-88-3	Phenol-d6	140.827		10-134		94	SPK: -150
4165-60-0	Nitrobenzene-d5	98.475		49-133		98	SPK: -100
321-60-8	2-Fluorobiphenyl	92.686		52-132		93	SPK: -100

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	P-2	SDG No.:	BF111124
Lab Sample ID:	P4771-08	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
BF140325.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	156.187		44-137		104	SPK: -150
1718-51-0	Terphenyl-d14	104.397		48-125		104	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	130303	6.875				
1146-65-2	Naphthalene-d8	495248	8.157				
15067-26-2	Acenaphthene-d10	276804	9.91				
1517-22-2	Phenanthrene-d10	522440	11.398				
1719-03-5	Chrysene-d12	313187	14.045				
1520-96-3	Perylene-d12	257796	15.551				

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	BP-G3	SDG No.:	BF111124
Lab Sample ID:	P4788-04	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
BF140326.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

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:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	BP-G3	SDG No.:	BF111124
Lab Sample ID:	P4788-04	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
BF140326.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

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:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	BP-G3	SDG No.:	BF111124
Lab Sample ID:	P4788-04	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
BF140326.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

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	144.687		10-139		96	SPK: -150
13127-88-3	Phenol-d6	137.608		10-134		92	SPK: -150
4165-60-0	Nitrobenzene-d5	98.853		49-133		99	SPK: -100
321-60-8	2-Fluorobiphenyl	97.706		52-132		98	SPK: -100

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	BP-G3	SDG No.:	BF111124
Lab Sample ID:	P4788-04	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
BF140326.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	158.457		44-137		106	SPK: -150
1718-51-0	Terphenyl-d14	105.984		48-125		106	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	128368	6.875				
1146-65-2	Naphthalene-d8	492184	8.151				
15067-26-2	Acenaphthene-d10	273941	9.91				
1517-22-2	Phenanthrene-d10	522344	11.398				
1719-03-5	Chrysene-d12	321317	14.045				
1520-96-3	Perylene-d12	262304	15.539				

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	BP-F21	SDG No.:	BF111124
Lab Sample ID:	P4789-04	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
BF140327.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

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:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	BP-F21	SDG No.:	BF111124
Lab Sample ID:	P4789-04	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
BF140327.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

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:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	BP-F21	SDG No.:	BF111124
Lab Sample ID:	P4789-04	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
BF140327.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

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	131.234		10-139		87	SPK: -150
13127-88-3	Phenol-d6	122.137		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	96.282		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	92.671		52-132		93	SPK: -100

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	BP-F21	SDG No.:	BF111124
Lab Sample ID:	P4789-04	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
BF140327.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	149.476		44-137		100	SPK: -150
1718-51-0	Terphenyl-d14	102.846		48-125		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	137260	6.875				
1146-65-2	Naphthalene-d8	519547	8.157				
15067-26-2	Acenaphthene-d10	287393	9.91				
1517-22-2	Phenanthrene-d10	547611	11.398				
1719-03-5	Chrysene-d12	323858	14.045				
1520-96-3	Perylene-d12	259597	15.533				

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	OILY-STONE-DRUM	SDG No.:	BF111124
Lab Sample ID:	P4792-06	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
BF140328.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

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:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	OILY-STONE-DRUM	SDG No.:	BF111124
Lab Sample ID:	P4792-06	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
BF140328.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

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:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	OILY-STONE-DRUM	SDG No.:	BF111124
Lab Sample ID:	P4792-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140328.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	114.681		10-139		76	SPK: -150
13127-88-3	Phenol-d6	106.574		10-134		71	SPK: -150
4165-60-0	Nitrobenzene-d5	84.079		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	82.737		52-132		83	SPK: -100

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	OILY-STONE-DRUM	SDG No.:	BF111124
Lab Sample ID:	P4792-06	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
BF140328.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.411		44-137		88	SPK: -150
1718-51-0	Terphenyl-d14	91.283		48-125		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	140396	6.875				
1146-65-2	Naphthalene-d8	538917	8.157				
15067-26-2	Acenaphthene-d10	295572	9.91				
1517-22-2	Phenanthrene-d10	558313	11.398				
1719-03-5	Chrysene-d12	344447	14.039				
1520-96-3	Perylene-d12	281581	15.533				

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	MH-6	SDG No.:	BF111124
Lab Sample ID:	P4798-04	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
BF140329.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

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:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	MH-6	SDG No.:	BF111124
Lab Sample ID:	P4798-04	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
BF140329.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

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:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	MH-6	SDG No.:	BF111124
Lab Sample ID:	P4798-04	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
BF140329.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

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	115.241		10-139		77	SPK: -150
13127-88-3	Phenol-d6	103.207		10-134		69	SPK: -150
4165-60-0	Nitrobenzene-d5	86.949		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	83.503		52-132		84	SPK: -100

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	MH-6	SDG No.:	BF111124
Lab Sample ID:	P4798-04	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
BF140329.D	1	11/10/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	137.393		44-137		92	SPK: -150
1718-51-0	Terphenyl-d14	95.015		48-125		95	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	141420	6.875				
1146-65-2	Naphthalene-d8	538681	8.157				
15067-26-2	Acenaphthene-d10	302135	9.91				
1517-22-2	Phenanthrene-d10	572511	11.398				
1719-03-5	Chrysene-d12	354028	14.045				
1520-96-3	Perylene-d12	289024	15.539				

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	WB-307-SB02	SDG No.:	BF111124
Lab Sample ID:	P4718-03	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
BF140330.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164765

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:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	WB-307-SB02	SDG No.:	BF111124
Lab Sample ID:	P4718-03	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
BF140330.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164765

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:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	WB-307-SB02	SDG No.:	BF111124
Lab Sample ID:	P4718-03	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
BF140330.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	130.2		10-139		87	SPK: -150
13127-88-3	Phenol-d6	126.182		10-134		84	SPK: -150
4165-60-0	Nitrobenzene-d5	87.441		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	83.696		52-132		84	SPK: -100

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	WB-307-SB02	SDG No.:	BF111124
Lab Sample ID:	P4718-03	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
BF140330.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	137.407		44-137		92	SPK: -150
1718-51-0	Terphenyl-d14	90.281		48-125		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	152118	6.875				
1146-65-2	Naphthalene-d8	583727	8.151				
15067-26-2	Acenaphthene-d10	327078	9.91				
1517-22-2	Phenanthrene-d10	621899	11.398				
1719-03-5	Chrysene-d12	380235	14.045				
1520-96-3	Perylene-d12	303804	15.539				

Hit Summary Sheet SW-846

SDG No.: BF111124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : P-1								
P4771-06	P-1	water	Benzidine	40.800	J	40.7	100	ug/L
P4771-06	P-1	water	Naphthalene	25.600	J	10.2	50	ug/L
Total Svoc :				66.40				
Total Concentration:				66.40				
Client ID : ICVBF111124								
SSTDICV040	ICVBF111124	Water	1,1-Biphenyl	38,200.000		910	5000	ug/L
SSTDICV040	ICVBF111124	Water	1,2,4,5-Tetrachlorobenzene	38,400.000		1100	5000	ug/L
SSTDICV040	ICVBF111124	Water	1,2,4-Trichlorobenzene	39,200.000		1100	5000	ug/L
SSTDICV040	ICVBF111124	Water	1,2-Dichlorobenzene	38,800.000		880	5000	ug/L
SSTDICV040	ICVBF111124	Water	1,3-Dichlorobenzene	39,600.000		800	5000	ug/L
SSTDICV040	ICVBF111124	Water	1,4-Dichlorobenzene	39,000.000		840	5000	ug/L
SSTDICV040	ICVBF111124	Water	1,4-Dioxane	40,000.000		1300	5000	ug/L
SSTDICV040	ICVBF111124	Water	1-Methylnaphthalene	39,100.000		860	5000	ug/L
SSTDICV040	ICVBF111124	Water	2,2-oxybis(1-Chloropropane)	39,800.000		1400	5000	ug/L
SSTDICV040	ICVBF111124	Water	2,3,4,6-Tetrachlorophenol	40,100.000		790	5000	ug/L
SSTDICV040	ICVBF111124	Water	2,4,5-Trichlorophenol	39,400.000		1000	5000	ug/L
SSTDICV040	ICVBF111124	Water	2,4,6-Trichlorophenol	40,300.000		890	5000	ug/L
SSTDICV040	ICVBF111124	Water	2,4-Dichlorophenol	39,600.000		880	5000	ug/L
SSTDICV040	ICVBF111124	Water	2,4-Dimethylphenol	39,700.000		1500	5000	ug/L
SSTDICV040	ICVBF111124	Water	2,4-Dinitrophenol	42,300.000		6400	10000	ug/L
SSTDICV040	ICVBF111124	Water	2,4-Dinitrotoluene	40,500.000		1500	5000	ug/L
SSTDICV040	ICVBF111124	Water	2,6-Dinitrotoluene	40,500.000		1200	5000	ug/L
SSTDICV040	ICVBF111124	Water	2-Chloronaphthalene	37,900.000		970	5000	ug/L
SSTDICV040	ICVBF111124	Water	2-Chlorophenol	39,500.000		710	5000	ug/L
SSTDICV040	ICVBF111124	Water	2-Methylnaphthalene	38,900.000		1100	5000	ug/L
SSTDICV040	ICVBF111124	Water	2-Methylphenol	40,000.000		1100	5000	ug/L
SSTDICV040	ICVBF111124	Water	2-Nitroaniline	40,500.000		1400	5000	ug/L
SSTDICV040	ICVBF111124	Water	2-Nitrophenol	41,200.000		2000	5000	ug/L
SSTDICV040	ICVBF111124	Water	3+4-Methylphenols	38,600.000		1200	10000	ug/L
SSTDICV040	ICVBF111124	Water	3,3-Dichlorobenzidine	40,400.000		1300	10000	ug/L
SSTDICV040	ICVBF111124	Water	3-Nitroaniline	40,100.000		1400	5000	ug/L
SSTDICV040	ICVBF111124	Water	4,6-Dinitro-2-methylphenol	43,200.000		3100	10000	ug/L
SSTDICV040	ICVBF111124	Water	4-Bromophenyl-phenylether	38,200.000		950	5000	ug/L
SSTDICV040	ICVBF111124	Water	4-Chloro-3-methylphenol	39,800.000		840	5000	ug/L
SSTDICV040	ICVBF111124	Water	4-Chloroaniline	38,500.000		1300	5000	ug/L
SSTDICV040	ICVBF111124	Water	4-Chlorophenyl-phenylether	38,600.000		980	5000	ug/L
SSTDICV040	ICVBF111124	Water	4-Nitroaniline	41,000.000		2000	5000	ug/L

Hit Summary Sheet
SW-846

SDG No.: BF111124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDICV040	ICVBF111124	Water	4-Nitrophenol	42,400.000		2000	10000	ug/L
SSTDICV040	ICVBF111124	Water	Acenaphthene	39,200.000		810	5000	ug/L
SSTDICV040	ICVBF111124	Water	Acenaphthylene	38,400.000		1000	5000	ug/L
SSTDICV040	ICVBF111124	Water	Acetophenone	38,500.000		1100	5000	ug/L
SSTDICV040	ICVBF111124	Water	Aniline	40,700.000		1600	5000	ug/L
SSTDICV040	ICVBF111124	Water	Anthracene	38,500.000		1100	5000	ug/L
SSTDICV040	ICVBF111124	Water	Atrazine	40,400.000		1300	5000	ug/L
SSTDICV040	ICVBF111124	Water	Azobenzene	39,200.000		1200	5000	ug/L
SSTDICV040	ICVBF111124	Water	Benzaldehyde	38,500.000		4000	10000	ug/L
SSTDICV040	ICVBF111124	Water	Benzidine	44,600.000		4100	10000	ug/L
SSTDICV040	ICVBF111124	Water	Benzo(a)anthracene	39,700.000		940	5000	ug/L
SSTDICV040	ICVBF111124	Water	Benzo(a)pyrene	39,600.000		1700	5000	ug/L
SSTDICV040	ICVBF111124	Water	Benzo(b)fluoranthene	38,500.000		1100	5000	ug/L
SSTDICV040	ICVBF111124	Water	Benzo(g,h,i)perylene	40,500.000		1200	5000	ug/L
SSTDICV040	ICVBF111124	Water	Benzo(k)fluoranthene	41,400.000		1200	5000	ug/L
SSTDICV040	ICVBF111124	Water	Benzoic acid	44,500.000		5500	10000	ug/L
SSTDICV040	ICVBF111124	Water	Benzyl Alcohol	39,900.000		1600	10000	ug/L
SSTDICV040	ICVBF111124	Water	bis(2-Chloroethoxy)methane	39,100.000		1000	5000	ug/L
SSTDICV040	ICVBF111124	Water	bis(2-Chloroethyl)ether	38,800.000		1200	5000	ug/L
SSTDICV040	ICVBF111124	Water	Bis(2-ethylhexyl)phthalate	40,700.000		1900	5000	ug/L
SSTDICV040	ICVBF111124	Water	Butylbenzylphthalate	41,000.000		2100	5000	ug/L
SSTDICV040	ICVBF111124	Water	Caprolactam	40,800.000		1700	10000	ug/L
SSTDICV040	ICVBF111124	Water	Carbazole	38,500.000		1200	5000	ug/L
SSTDICV040	ICVBF111124	Water	Chrysene	38,700.000		860	5000	ug/L
SSTDICV040	ICVBF111124	Water	Di-n-butylphthalate	39,100.000		1500	5000	ug/L
SSTDICV040	ICVBF111124	Water	Di-n-octyl phthalate	40,900.000		2500	10000	ug/L
SSTDICV040	ICVBF111124	Water	Dibenzo(a,h)anthracene	40,900.000		1200	5000	ug/L
SSTDICV040	ICVBF111124	Water	Dibenzofuran	38,700.000		930	5000	ug/L
SSTDICV040	ICVBF111124	Water	Diethylphthalate	38,700.000		1000	5000	ug/L
SSTDICV040	ICVBF111124	Water	Dimethylphthalate	38,900.000		930	5000	ug/L
SSTDICV040	ICVBF111124	Water	Fluoranthene	38,200.000		1300	5000	ug/L
SSTDICV040	ICVBF111124	Water	Fluorene	38,200.000		960	5000	ug/L
SSTDICV040	ICVBF111124	Water	Hexachlorobenzene	38,800.000		1100	5000	ug/L
SSTDICV040	ICVBF111124	Water	Hexachlorobutadiene	38,600.000		1300	5000	ug/L
SSTDICV040	ICVBF111124	Water	Hexachlorocyclopentadiene	41,900.000		5000	10000	ug/L
SSTDICV040	ICVBF111124	Water	Hexachloroethane	39,500.000		1000	5000	ug/L
SSTDICV040	ICVBF111124	Water	Indeno(1,2,3-cd)pyrene	40,500.000		1000	5000	ug/L
SSTDICV040	ICVBF111124	Water	Isophorone	39,200.000		1100	5000	ug/L
SSTDICV040	ICVBF111124	Water	n-Nitroso-di-n-propylamine	38,200.000		1500	2500	ug/L
SSTDICV040	ICVBF111124	Water	n-Nitrosodimethylamine	41,300.000		1000	10000	ug/L

Hit Summary Sheet SW-846

SDG No.: BF111124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDICV040	ICVBF111124	Water	n-Nitrosodiphenylamine	38,300.000		890	5000	ug/L
SSTDICV040	ICVBF111124	Water	Naphthalene	38,800.000		1000	5000	ug/L
SSTDICV040	ICVBF111124	Water	Nitrobenzene	39,400.000		1300	5000	ug/L
SSTDICV040	ICVBF111124	Water	Pentachlorophenol	42,200.000		1900	10000	ug/L
SSTDICV040	ICVBF111124	Water	Phenanthrene	37,800.000		890	5000	ug/L
SSTDICV040	ICVBF111124	Water	Phenol	39,300.000		930	5000	ug/L
SSTDICV040	ICVBF111124	Water	Pyrene	38,800.000		1100	5000	ug/L
SSTDICV040	ICVBF111124	Water	Pyridine	41,500.000		1600	5000	ug/L
SSTDICV040	ICVBF111124	Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	81,000.000		2700	10000	ug/L
SSTDICV040	ICVBF111124	Water	Total PAH	627,700.000		17360	80000	ug/L
Total Svoc :				3,889,400.00				
Total Concentration:				3,889,400.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF111124 SAS No.: BF111124 SDG No.: BF111124
Instrument ID: _____ Calibration Date(s): 11/11/2024
Calibration Time(s): 12:55

LAB FILE ID:		RRF2.5 = BF140312.D		RRF005 = BF140313.D		RRF010 = BF140314.D		
		RRF020 = BF140315.D		RRF040 = BF140316.D		RRF050 = BF140317.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.651	0.651	0.670	0.675	0.650	0.658	2.0
Pyridine		1.273	1.308	1.323	1.287	1.193	1.255	4.7
2-Fluorophenol		1.319	1.246	1.213	1.131	1.070	1.158	9.1
Benzaldehyde		1.108	1.054	1.020	0.839	0.776	0.919	17.6
Aniline		1.553	1.509	1.462	1.363	1.259	1.357	11.9
Phenol-d6		1.745	1.654	1.612	1.489	1.438	1.538	8.9
Phenol		1.847	1.770	1.710	1.594	1.511	1.632	9.1
bis(2-Chloroethyl)ether		1.383	1.324	1.271	1.214	1.184	1.250	6.6
2-Chlorophenol		1.387	1.308	1.312	1.190	1.164	1.229	8.8
1,2-Dichlorobenzene		1.494	1.436	1.387	1.248	1.188	1.291	11.5
1,3-Dichlorobenzene		1.563	1.528	1.442	1.353	1.281	1.386	9.3
1,4-Dichlorobenzene		1.607	1.505	1.482	1.367	1.286	1.397	9.9
Benzyl Alcohol		1.241	1.190	1.197	1.117	1.090	1.137	6.7
2-Methylphenol		1.132	1.040	1.034	0.993	0.957	1.009	6.8
2,2-oxybis(1-Chloropropane)		1.911	1.806	1.777	1.677	1.631	1.711	7.5
Acetophenone		0.532	0.508	0.494	0.445	0.433	0.465	10.0
3+4-Methylphenols		1.525	1.401	1.341	1.213	1.146	1.264	13.0
n-Nitroso-di-n-propylamine	1.050	1.029	0.972	0.962	0.896	0.865	0.937	8.3
Nitrobenzene-d5		0.420	0.402	0.398	0.377	0.371	0.385	5.8
Hexachloroethane		0.586	0.553	0.537	0.522	0.496	0.523	7.4
Nitrobenzene		0.444	0.418	0.420	0.393	0.389	0.403	6.4
Isophorone		0.715	0.693	0.686	0.653	0.649	0.671	4.2
2-Nitrophenol		0.164	0.175	0.179	0.173	0.173	0.172	3.2
2,4-Dimethylphenol		0.236	0.235	0.230	0.220	0.219	0.225	3.9
bis(2-Chloroethoxy)methane		0.454	0.426	0.429	0.397	0.395	0.411	6.6
2,4-Dichlorophenol		0.302	0.290	0.289	0.272	0.269	0.277	6.5
1,2,4-Trichlorobenzene		0.349	0.337	0.325	0.305	0.294	0.312	8.2
Benzoic acid		0.143	0.156	0.191	0.210	0.216	0.194	16.7
Naphthalene		1.156	1.087	1.053	0.965	0.935	1.002	9.8
4-Chloroaniline		0.387	0.370	0.362	0.337	0.327	0.347	7.6
Hexachlorobutadiene		0.230	0.215	0.212	0.195	0.190	0.201	9.3
Caprolactam		0.093	0.089	0.093	0.089	0.089	0.090	2.9
4-Chloro-3-methylphenol		0.333	0.315	0.317	0.297	0.295	0.305	5.8
2-Methylnaphthalene		0.743	0.694	0.673	0.609	0.594	0.638	10.4
Hexachlorocyclopentadiene			0.106	0.131	0.155	0.151	0.140	13.3
2,4,6-Trichlorophenol		0.378	0.378	0.371	0.365	0.353	0.366	3.2

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.: BF111124 SAS No.: BF111124 SDG No.: BF111124
Instrument ID: _____ Calibration Date(s): 11/11/2024
Calibration Time(s): 12:55

LAB FILE ID:		RRF2.5 = BF140312.D			RRF005 = BF140313.D		RRF010 = BF140314.D	
		RRF020 = BF140315.D			RRF040 = BF140316.D		RRF050 = BF140317.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.565	1.457	1.350	1.182	1.120	1.267	15.1
2,4,5-Trichlorophenol		0.415	0.422	0.415	0.391	0.380	0.396	5.2
1,1-Biphenyl		1.722	1.606	1.550	1.399	1.353	1.467	11.0
2-Chloronaphthalene		1.291	1.217	1.163	1.082	1.051	1.122	9.3
2-Nitroaniline		0.373	0.379	0.379	0.369	0.370	0.372	1.6
Dimethylphthalate		1.449	1.380	1.343	1.244	1.227	1.299	7.2
Acenaphthylene		1.954	1.851	1.766	1.619	1.565	1.686	10.3
2,6-Dinitrotoluene		0.306	0.301	0.299	0.288	0.283	0.292	3.4
3-Nitroaniline		0.319	0.331	0.321	0.306	0.299	0.309	5.1
Acenaphthene		1.273	1.226	1.192	1.104	1.076	1.142	7.7
2,4-Dinitrophenol			0.099	0.129	0.160	0.161	0.148	19.1
4-Nitrophenol		0.194	0.208	0.229	0.230	0.223	0.221	6.8
Dibenzofuran		1.876	1.766	1.692	1.535	1.460	1.595	11.7
2,4-Dinitrotoluene		0.397	0.403	0.404	0.385	0.373	0.385	4.7
Diethylphthalate		1.511	1.431	1.378	1.274	1.236	1.323	9.1
4-Chlorophenyl-phenylether		0.735	0.707	0.667	0.591	0.565	0.624	12.7
Fluorene		1.484	1.405	1.323	1.191	1.140	1.253	12.2
4-Nitroaniline		0.319	0.327	0.318	0.307	0.297	0.309	4.1
4,6-Dinitro-2-methylphenol		0.074	0.092	0.107	0.113	0.114	0.105	15.5
n-Nitrosodiphenylamine		0.649	0.630	0.606	0.560	0.552	0.583	7.7
Azobenzene		1.497	1.418	1.374	1.268	1.238	1.321	8.4
2,4,6-Tribromophenol		0.215	0.210	0.201	0.188	0.183	0.194	7.4
4-Bromophenyl-phenylether		0.221	0.211	0.208	0.195	0.191	0.200	6.5
Hexachlorobenzene		0.252	0.234	0.232	0.218	0.214	0.224	7.1
Atrazine		0.202	0.182	0.142	0.148	0.110	0.145	24.4
Pentachlorophenol		0.110	0.120	0.128	0.133	0.128	0.126	6.5
Phenanthrene		1.106	1.042	0.988	0.894	0.866	0.940	11.4
Anthracene		1.061	1.005	0.971	0.885	0.848	0.919	10.2
Carbazole		1.034	0.992	0.952	0.870	0.826	0.900	10.3
Di-n-butylphthalate		1.240	1.185	1.140	1.037	0.985	1.077	10.4
Fluoranthene		1.236	1.169	1.125	0.966	0.922	1.029	14.2
Benzidine		0.569	0.563	0.327	0.880	0.685	0.701	33.2
Pyrene		1.887	1.797	1.799	1.748	1.745	1.761	4.4
Terphenyl-d14		1.319	1.251	1.191	1.133	1.105	1.166	7.9
Butylbenzylphthalate		0.688	0.679	0.686	0.670	0.658	0.670	2.6
3,3-Dichlorobenzidine		0.426	0.419	0.421	0.415	0.413	0.419	1.4

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.: BF111124 SAS No.: BF111124 SDG No.: BF111124
Instrument ID: _____ Calibration Date(s): 11/11/2024 _____
Calibration Time(s): 12:55 _____

LAB FILE ID:		RRF2.5 = BF140312.D			RRF005 = BF140313.D		RRF010 = BF140314.D	
		RRF020 = BF140315.D			RRF040 = BF140316.D		RRF050 = BF140317.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.452	1.353	1.381	1.267	1.250	1.309	6.6
Chrysene		1.315	1.294	1.207	1.167	1.149	1.198	6.6
Bis(2-ethylhexyl)phthalate		0.966	0.935	0.911	0.870	0.857	0.892	5.3
Di-n-octyl phthalate		1.436	1.331	1.338	1.260	1.254	1.312	4.9
Benzo(b)fluoranthene		1.437	1.271	1.240	1.250	1.117	1.259	7.6
Benzo(k)fluoranthene		1.245	1.082	1.201	1.012	1.062	1.058	12.7
Benzo(a)pyrene		1.108	1.045	1.040	1.003	0.972	1.017	5.2
Indeno(1,2,3-cd)pyrene		1.135	1.165	1.215	1.285	1.278	1.233	5.1
Dibenzo(a,h)anthracene		0.946	0.972	1.010	1.055	1.043	1.013	4.0
Benzo(g,h,i)perylene		0.971	0.970	1.024	1.093	1.096	1.046	5.5
1,2,4,5-Tetrachlorobenzene		0.644	0.606	0.584	0.537	0.521	0.561	9.2
1,4-Dioxane		0.560	0.537	0.550	0.523	0.488	0.521	5.7
2,3,4,6-Tetrachlorophenol		0.344	0.335	0.327	0.309	0.295	0.315	6.4
1-Methylnaphthalene		0.726	0.674	0.665	0.593	0.580	0.623	10.7

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.: BF111124 SAS No.: BF111124 SDG NO.: BF111124

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 11 2024 12:00AM

Lab File ID: BF140316.D Time Analyzed: 16:30

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	189983	6.881	695152	8.16	378824	9.92
UPPER LIMIT	379966	7.381	1390304	8.663	757648	10.416
LOWER LIMIT	94991.5	6.381	347576	7.663	189412	9.416
EPA SAMPLE NO.						
01 ICVBF111124	187985	6.88	692596	8.16	382178	9.92
02 PB164711BL	135530	6.88	518809	8.15	292211	9.91
03 PB164848BS	143737	6.88	548092	8.16	305048	9.92
04 PB164793TB	125988	6.88	481238	8.16	273075	9.91
05 P-1	126219	6.88	472881	8.16	263934	9.91
06 P-2	130303	6.88	495248	8.16	276804	9.91
07 BP-G3	128368	6.88	492184	8.15	273941	9.91
08 BP-F21	137260	6.88	519547	8.16	287393	9.91
09 OILY-STONE-DRUM	140396	6.88	538917	8.16	295572	9.91
10 MH-6	141420	6.88	538681	8.16	302135	9.91
11 WB-307-SB02	152118	6.88	583727	8.15	327078	9.91

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF111124 SAS No.: BF111124 SDG NO.: BF111124

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 11 2024 12:00AM

Lab File ID: BF140316.D Time Analyzed: 16:30

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	189983	6.881	695152	8.16	378824	9.92
UPPER LIMIT	379966	7.381	1390304	8.663	757648	10.416
LOWER LIMIT	94991.5	6.381	347576	7.663	189412	9.416
EPA SAMPLE NO.						
01 ICVBF111124	187985	6.88	692596	8.16	382178	9.92
02 PB164711BL	135530	6.88	518809	8.15	292211	9.91
03 PB164848BS	143737	6.88	548092	8.16	305048	9.92
04 PB164793TB	125988	6.88	481238	8.16	273075	9.91
05 P-1	126219	6.88	472881	8.16	263934	9.91
06 P-2	130303	6.88	495248	8.16	276804	9.91
07 BP-G3	128368	6.88	492184	8.15	273941	9.91
08 BP-F21	137260	6.88	519547	8.16	287393	9.91
09 OILY-STONE-DRUM	140396	6.88	538917	8.16	295572	9.91
10 MH-6	141420	6.88	538681	8.16	302135	9.91
11 WB-307-SB02	152118	6.88	583727	8.15	327078	9.91

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.: BF111124 SAS No.: BF111124 SDG NO.: BF111124

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 11 2024 12:00AM

Lab File ID: BF140316.D Time Analyzed: 16:30

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	693253	11.404	385013	14.057	351794	15.557
UPPER LIMIT	1386506	11.904	770026	14.557	703588	16.057
LOWER LIMIT	346626.5	10.904	192506.5	13.557	175897	15.057
EPA SAMPLE NO.						
01 ICVBF111124	717710	11.40	420185	14.06	376807	15.55
02 PB164711BL	564605	11.40	373526	14.05	289009	15.56
03 PB164848BS	567727	11.40	350730	14.06	291643	15.58
04 PB164793TB	525534	11.40	324752	14.05	261727	15.55
05 P-1	496947	11.40	307666	14.05	256356	15.55
06 P-2	522440	11.40	313187	14.05	257796	15.55
07 BP-G3	522344	11.40	321317	14.05	262304	15.54
08 BP-F21	547611	11.40	323858	14.05	259597	15.53
09 OILY-STONE-DRUM	558313	11.40	344447	14.04	281581	15.53
10 MH-6	572511	11.40	354028	14.05	289024	15.54
11 WB-307-SB02	621899	11.40	380235	14.05	303804	15.54

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.: BF111124 SAS No.: BF111124 SDG NO.: BF111124

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 11 2024 12:00AM

Lab File ID: BF140316.D Time Analyzed: 16:30

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	693253	11.404	385013	14.057	351794	15.557
UPPER LIMIT	1386506	11.904	770026	14.557	703588	16.057
LOWER LIMIT	346626.5	10.904	192506.5	13.557	175897	15.057
EPA SAMPLE NO.						
01 ICVBF111124	717710	11.40	420185	14.06	376807	15.55
02 PB164711BL	564605	11.40	373526	14.05	289009	15.56
03 PB164848BS	567727	11.40	350730	14.06	291643	15.58
04 PB164793TB	525534	11.40	324752	14.05	261727	15.55
05 P-1	496947	11.40	307666	14.05	256356	15.55
06 P-2	522440	11.40	313187	14.05	257796	15.55
07 BP-G3	522344	11.40	321317	14.05	262304	15.54
08 BP-F21	547611	11.40	323858	14.05	259597	15.53
09 OILY-STONE-DRUM	558313	11.40	344447	14.04	281581	15.53
10 MH-6	572511	11.40	354028	14.05	289024	15.54
11 WB-307-SB02	621899	11.40	380235	14.05	303804	15.54

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.: BF111124

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164848BS	n-Nitrosodimethylamine	50	46.3	ug/L	93				55	108	
	Pyridine	50	43.5	ug/L	87				29	97	
	Benzaldehyde	50	9.1	ug/L	18				10	162	
	Aniline	50	38.3	ug/L	77				10	130	
	Phenol	50	46.2	ug/L	92				66	118	
	bis(2-Chloroethyl)ether	50	46.7	ug/L	93				62	103	
	2-Chlorophenol	50	48.5	ug/L	97				70	117	
	1,2-Dichlorobenzene	50	46.3	ug/L	93				72	102	
	1,3-Dichlorobenzene	50	44.1	ug/L	88				71	103	
	1,4-Dichlorobenzene	50	44.4	ug/L	89				76	103	
	Benzyl Alcohol	50	48.9	ug/L	98		*		36	93	
	2-Methylphenol	50	47.7	ug/L	95				69	109	
	2,2-oxybis(1-Chloropropane)	50	48.5	ug/L	97				65	100	
	Acetophenone	50	44.7	ug/L	89				60	104	
	3+4-Methylphenols	50	46.7	ug/L	93				67	106	
	N-Nitroso-di-n-propylamine	50	46.3	ug/L	93				57	107	
	Hexachloroethane	50	45	ug/L	90				76	118	
	Nitrobenzene	50	43.7	ug/L	87				58	106	
	Isophorone	50	46.5	ug/L	93				61	102	
	2-Nitrophenol	50	47.7	ug/L	95				70	115	
	2,4-Dimethylphenol	50	56.6	ug/L	113				42	142	
	bis(2-Chloroethoxy)methane	50	45.9	ug/L	92				58	109	
	2,4-Dichlorophenol	50	46.9	ug/L	94				66	115	
	1,2,4-Trichlorobenzene	50	43.1	ug/L	86				41	115	
	Benzoic acid	50	45.2	ug/L	90				10	125	
	Naphthalene	50	44.7	ug/L	89				64	107	
	4-Chloroaniline	50	25.1	ug/L	50				10	85	
	Hexachlorobutadiene	50	43.5	ug/L	87				69	101	
	Caprolactam	50	46.5	ug/L	93				58	128	
	4-Chloro-3-methylphenol	50	47.2	ug/L	94				65	114	
	2-Methylnaphthalene	50	46.1	ug/L	92				64	107	
	Hexachlorocyclopentadiene	100	180	ug/L	180		*		36	160	
	2,4,6-Trichlorophenol	50	47.5	ug/L	95				61	110	
	2,4,5-Trichlorophenol	50	45.1	ug/L	90				70	106	
	1,1-Biphenyl	50	44.6	ug/L	89				72	98	
	2-Chloronaphthalene	50	43.7	ug/L	87				59	106	
	2-Nitroaniline	50	47.3	ug/L	95				73	114	
	Dimethylphthalate	50	46	ug/L	92				64	103	
	Acenaphthylene	50	48.2	ug/L	96				79	103	
	2,6-Dinitrotoluene	50	44.8	ug/L	90				64	110	
3-Nitroaniline	50	26.3	ug/L	53				28	100		
Acenaphthene	50	49.9	ug/L	100				59	113		
Total PAH	800	761	ug/L	95				59	113		
2,4-Dinitrophenol	100	94.1	ug/L	94				36	166		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF111124**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164848BS	4-Nitrophenol	100	98.2	ug/L	98				45	147	
	Dibenzofuran	50	46.3	ug/L	93				65	106	
	2,4-Dinitrotoluene	50	46.7	ug/L	93				60	115	
	2,4-Dinitrotoluene/2,6-Dinitroto	100	91.5	ug/L	92				60	115	
	Diethylphthalate	50	45.6	ug/L	91				63	105	
	4-Chlorophenyl-phenylether	50	44.4	ug/L	89				61	104	
	Fluorene	50	45.4	ug/L	91				64	107	
	4-Nitroaniline	50	43.5	ug/L	87				55	125	
	4,6-Dinitro-2-methylphenol	50	48	ug/L	96				62	132	
	N-Nitrosodiphenylamine	50	47.2	ug/L	94				61	109	
	Azobenzene	50	46	ug/L	92				59	106	
	4-Bromophenyl-phenylether	50	45	ug/L	90				73	103	
	Hexachlorobenzene	50	45.8	ug/L	92				73	106	
	Atrazine	50	62.5	ug/L	125		*		76	120	
	Pentachlorophenol	100	90	ug/L	90				47	114	
	Phenanthrene	50	46.8	ug/L	94				62	109	
	Anthracene	50	49	ug/L	98				65	110	
	Carbazole	50	46.3	ug/L	93				62	106	
	Di-n-butylphthalate	50	47.2	ug/L	94				64	106	
	Fluoranthene	50	46.8	ug/L	94				64	110	
	Benzidine	100	24.6	ug/L	25				10	94	
	Pyrene	50	44.8	ug/L	90				71	103	
	Butylbenzylphthalate	50	49.6	ug/L	99				61	105	
	3,3-Dichlorobenzidine	50	32.4	ug/L	65				43	108	
	Benzo(a)anthracene	50	48.7	ug/L	97				62	107	
	Chrysene	50	45.6	ug/L	91				61	108	
	bis(2-Ethylhexyl)phthalate	50	50.2	ug/L	100				59	110	
	Di-n-octyl phthalate	50	52.4	ug/L	105				52	139	
	Benzo(b)fluoranthene	50	47.7	ug/L	95				77	113	
	Benzo(k)fluoranthene	50	50	ug/L	100				77	105	
	Benzo(a)pyrene	50	51.1	ug/L	102				72	131	
	Indeno(1,2,3-cd)pyrene	50	49.1	ug/L	98				72	105	
	Dibenz(a,h)anthracene	50	49	ug/L	98				78	115	
	Benzo(g,h,i)perylene	50	44.2	ug/L	88				75	118	
	1,2,4,5-Tetrachlorobenzene	50	43.5	ug/L	87				72	101	
	1,4-Dioxane	50	40.4	ug/L	81				38	125	
	2,3,4,6-Tetrachlorophenol	50	48.4	ug/L	97				63	116	
	1-Methylnaphthalene	50	44	ug/L	88				51	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

ICVBF111124

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF111124

SAS No.: BF111124 SDG NO.: BF111124

Lab File ID: BF140320.D

Lab Sample ID: SSTDICV040

Instrument ID: BNA_F

Date Extracted: _____

Matrix: (soil/water) Water

Date Analyzed: 11/11/2024

Level: (low/med) LOW

Time Analyzed: 16:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
ICVBF111124	SSTDICV040	BF140320.D	11/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164711BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF111124

SAS No.: BF111124 SDG NO.: BF111124

Lab File ID: BF140321.D

Lab Sample ID: PB164711BL

Instrument ID: BNA_F

Date Extracted: 11/06/2024

Matrix: (soil/water) water

Date Analyzed: 11/11/2024

Level: (low/med) LOW

Time Analyzed: 17:01

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

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

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WB-307-SB02

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF111124

SAS No.: BF111124 SDG NO.: BF111124

Lab File ID: BF140330.D

Lab Sample ID: P4718-03

Instrument ID: BNA_F

Date Extracted: 11/07/2024

Matrix: (soil/water) water

Date Analyzed: 11/11/2024

Level: (low/med) LOW

Time Analyzed: 21:03

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WB-307-SB02	P4718-03	BF140330.D	11/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164848BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF111124

SAS No.: BF111124 SDG NO.: BF111124

Lab File ID: BF140322.D

Lab Sample ID: PB164848BS

Instrument ID: BNA_F

Date Extracted: 11/10/2024

Matrix: (soil/water) water

Date Analyzed: 11/11/2024

Level: (low/med) LOW

Time Analyzed: 17:32

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164848BS	PB164848BS	BF140322.D	11/11/2024
PB164793TB	PB164793TB	BF140323.D	11/11/2024
P-1	P4771-06	BF140324.D	11/11/2024
P-2	P4771-08	BF140325.D	11/11/2024
BP-G3	P4788-04	BF140326.D	11/11/2024
BP-F21	P4789-04	BF140327.D	11/11/2024
OILY-STONE-DRUM	P4792-06	BF140328.D	11/11/2024
MH-6	P4798-04	BF140329.D	11/11/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BF111124

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
SSTDICV040	ICVBF111124	BF140320.D	2-Fluorophenol	150	79,858.00	53239	*	10	139
			Phenol-d6	150	77,597.00	51731	*	10	134
			Nitrobenzene-d5	100	79,578.00	79578	*	49	133
			2-Fluorobiphenyl	100	74,613.00	74613	*	52	132
			2,4,6-Tribromophenol	150	78,945.00	52630	*	44	137
			Terphenyl-d14	100	76,353.00	76353	*	48	125

Surrogate Summary

SW-846

SDG No.: BF111124

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164711BL	PB164711BL	BF140321.D	2-Fluorophenol	150	151.02	101		10	139
			Phenol-d6	150	149.54	100		10	134
			Nitrobenzene-d5	100	102.79	103		49	133
			2-Fluorobiphenyl	100	99.85	100		52	132
			2,4,6-Tribromophenol	150	152.60	102		44	137
			Terphenyl-d14	100	97.72	98		48	125

Surrogate Summary

SW-846

SDG No.: BF111124

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4718-03	WB-307-SB02	BF140330.D	2-Fluorophenol	150	130.20	87		10	139
			Phenol-d6	150	126.18	84		10	134
			Nitrobenzene-d5	100	87.44	87		49	133
			2-Fluorobiphenyl	100	83.70	84		52	132
			2,4,6-Tribromophenol	150	137.41	92		44	137
			Terphenyl-d14	100	90.28	90		48	125

Surrogate Summary

SW-846

SDG No.: **BF111124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4771-06	P-1	BF140324.D	2-Fluorophenol	150	131.67	88		10	139
			Phenol-d6	150	128.30	86		10	134
			Nitrobenzene-d5	100	93.06	93		49	133
			2-Fluorobiphenyl	100	87.45	87		52	132
			2,4,6-Tribromophenol	150	153.36	102		44	137
			Terphenyl-d14	100	102.47	102		48	125
P4771-08	P-2	BF140325.D	2-Fluorophenol	150	145.94	97		10	139
			Phenol-d6	150	140.83	94		10	134
			Nitrobenzene-d5	100	98.48	98		49	133
			2-Fluorobiphenyl	100	92.69	93		52	132
			2,4,6-Tribromophenol	150	156.19	104		44	137
			Terphenyl-d14	100	104.40	104		48	125
P4788-04	BP-G3	BF140326.D	2-Fluorophenol	150	144.69	96		10	139
			Phenol-d6	150	137.61	92		10	134
			Nitrobenzene-d5	100	98.85	99		49	133
			2-Fluorobiphenyl	100	97.71	98		52	132
			2,4,6-Tribromophenol	150	158.46	106		44	137
			Terphenyl-d14	100	105.98	106		48	125
P4789-04	BP-F21	BF140327.D	2-Fluorophenol	150	131.23	87		10	139
			Phenol-d6	150	122.14	81		10	134
			Nitrobenzene-d5	100	96.28	96		49	133
			2-Fluorobiphenyl	100	92.67	93		52	132
			2,4,6-Tribromophenol	150	149.48	100		44	137
			Terphenyl-d14	100	102.85	103		48	125
P4792-06	OILY-STONE-DRUB	BF140328.D	2-Fluorophenol	150	114.68	76		10	139
			Phenol-d6	150	106.57	71		10	134
			Nitrobenzene-d5	100	84.08	84		49	133
			2-Fluorobiphenyl	100	82.74	83		52	132
			2,4,6-Tribromophenol	150	132.41	88		44	137
			Terphenyl-d14	100	91.28	91		48	125
P4798-04	MH-6	BF140329.D	2-Fluorophenol	150	115.24	77		10	139
			Phenol-d6	150	103.21	69		10	134
			Nitrobenzene-d5	100	86.95	87		49	133
			2-Fluorobiphenyl	100	83.50	84		52	132
			2,4,6-Tribromophenol	150	137.39	92		44	137
			Terphenyl-d14	100	95.02	95		48	125
PB164793TB	PB164793TB	BF140323.D	2-Fluorophenol	150	145.59	97		10	139
			Phenol-d6	150	141.85	95		10	134
			Nitrobenzene-d5	100	99.13	99		49	133
			2-Fluorobiphenyl	100	95.18	95		52	132
			2,4,6-Tribromophenol	150	142.68	95		44	137
			Terphenyl-d14	100	99.90	100		48	125
PB164848BS	PB164848BS	BF140322.D	2-Fluorophenol	150	128.86	86		10	139
			Phenol-d6	150	128.38	86		10	134
			Nitrobenzene-d5	100	89.01	89		49	133
			2-Fluorobiphenyl	100	87.11	87		52	132
			2,4,6-Tribromophenol	150	131.45	88		44	137
			Terphenyl-d14	100	90.07	90		48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF111124

Lab Code: CHEM

SAS No.: BF111124 SDG NO.: BF111124

Lab File ID: BF140311.D

DFTPP Injection Date: 11/11/2024

Instrument ID: BNA_F

DFTPP Injection Time: 12:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.3
68	Less than 2.0% of mass 69	0.6 (1.5) 1
69	Mass 69 relative abundance	39.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	50.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	28.3
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	13.2
442	Greater than 50% of mass 198	84.1
443	15.0 - 24.0% of mass 442	15.8 (18.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF140312.D	11/11/2024	12:55
SSTDICC005	SSTDICC005	BF140313.D	11/11/2024	13:21
SSTDICC010	SSTDICC010	BF140314.D	11/11/2024	13:48
SSTDICC020	SSTDICC020	BF140315.D	11/11/2024	14:14
SSTDICCC040	SSTDICCC040	BF140316.D	11/11/2024	14:40
SSTDICC050	SSTDICC050	BF140317.D	11/11/2024	15:07
SSTDICC060	SSTDICC060	BF140318.D	11/11/2024	15:34
SSTDICC080	SSTDICC080	BF140319.D	11/11/2024	16:00
ICVBF111124	SSTDICV040	BF140320.D	11/11/2024	16:30
PB164711BL	PB164711BL	BF140321.D	11/11/2024	17:01
PB164848BS	PB164848BS	BF140322.D	11/11/2024	17:32
PB164793TB	PB164793TB	BF140323.D	11/11/2024	17:59
P-1	P4771-06	BF140324.D	11/11/2024	18:25
P-2	P4771-08	BF140325.D	11/11/2024	18:52
BP-G3	P4788-04	BF140326.D	11/11/2024	19:18
BP-F21	P4789-04	BF140327.D	11/11/2024	19:44
OILY-STONE-DRUM	P4792-06	BF140328.D	11/11/2024	20:10
MH-6	P4798-04	BF140329.D	11/11/2024	20:36

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF111124

Lab Code: CHEM

SAS No.: BF111124

SDG NO.: BF111124

Lab File ID: BF140311.D

DFTPP Injection Date: 11/11/2024

Instrument ID: BNA_F

DFTPP Injection Time: 12:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.3
68	Less than 2.0% of mass 69	0.6 (1.5) 1
69	Mass 69 relative abundance	39.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	50.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	28.3
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	13.2
442	Greater than 50% of mass 198	84.1
443	15.0 - 24.0% of mass 442	15.8 (18.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
WB-307-SB02	P4718-03	BF140330.D	11/11/2024	21:03